

Initial Calibration Report for SequenceID : FF061325AR

AreaCount

Parameter Range	FF015972.D	FF015973.D	FF015974.D	FF015975.D	FF015976.D	
Aromatic C10-C12	24267181.000	12158573.000	5016297.000	2540324.000	1413449.000	
Aromatic C12-C16	37564964.000	18858639.000	7773701.000	3947496.000	2195001.000	
Aromatic C16-C21	49365604.000	24795715.000	10201984.000	5186826.000	2871983.000	
Aromatic C21-C36	104593759.000	52505325.000	21535977.000	10964238.000	6020428.000	
Aromatic EPH	215791508.000	108318252.000	44527959.000	22638884.000	12500861.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	127338.032	6.442				
Aromatic C12-C16	131683.8179998	6.538				
Aromatic C16-C21	129637.437	6.339				
Aromatic C21-C36	121630.0519994	5.895				
Aromatic EPH	125719.3185552	6.17				

Concentration

Parameter Range	FF015972.D	FF015973.D	FF015974.D	FF015975.D	FF015976.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FF015972.D	FF015973.D	FF015974.D	FF015975.D	FF015976.D	
Aromatic C10-C12	121335.905000	121585.730000	125407.425000	127016.200000	141344.900000	
Aromatic C12-C16	125216.546666	125724.260000	129561.683333	131583.200000	146333.400000	
Aromatic C16-C21	123414.010000	123978.575000	127524.800000	129670.650000	143599.150000	
Aromatic C21-C36	116215.287777	116678.500000	119644.316666	121824.866666	133787.288888	
Aromatic EPH	119884.171111	120353.613333	123688.775000	125771.577777	138898.455555	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015972.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 17:30
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e
 Quant Time: Jun 16 04:31:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:30:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.065	10776195	96.566 ug/ml
Spiked Amount 50.000		Recovery =	193.13%
6) S 2-Fluorobiphenyl (SURR)	8.941	7437934	97.070 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	194.14%#
11) S ortho-Terphenyl (SURR)	12.008	12612114	96.785 ug/ml
Spiked Amount 50.000		Recovery =	193.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.664	11802219	96.738 ug/ml
2) T Naphthalene (C11.7)	6.338	12464962	96.768 ug/ml
3) T 2-Methylnaphthalene (...)	7.438	12641861	96.836 ug/ml
5) T Acenaphthylene (C15.06)	8.743	12482958	96.340 ug/ml
7) T Acenaphthene (C15.5)	9.044	12440145	96.762 ug/ml
8) T Fluorene (C16.55)	9.832	12383042	96.702 ug/ml
9) T Phenanthrene (C19.36)	11.239	12355733	96.964 ug/ml
10) T Anthracene (C19.43)	11.317	12298283	96.683 ug/ml
12) T Fluoranthene (C21.85)	13.062	12345811	96.050 ug/ml
13) T Pyrene (C20.8)	13.363	12328546	96.757 ug/ml
14) T Benzo[a]anthracene (C...	15.242	12044850	97.006 ug/ml
15) T Chrysene (C27.41)	15.291	12159713	96.875 ug/ml
16) T benzo[b]fluoranthene ...	16.803	11976402	97.076 ug/ml
17) T Bnezo[k]fluoranthene ...	16.843	11370832	97.578 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.186	11682660	97.118 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.560	10997763	100.996 ug/ml
20) T Dibenz[a,h]anthracene...	18.602	10942837	95.282 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.823	11072891	96.587 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
Data File : FF015972.D
Signal(s) : FID2B.ch
Acq On : 13 Jun 2025 17:30
Operator : YP\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 31 Sample Multiplier: 1

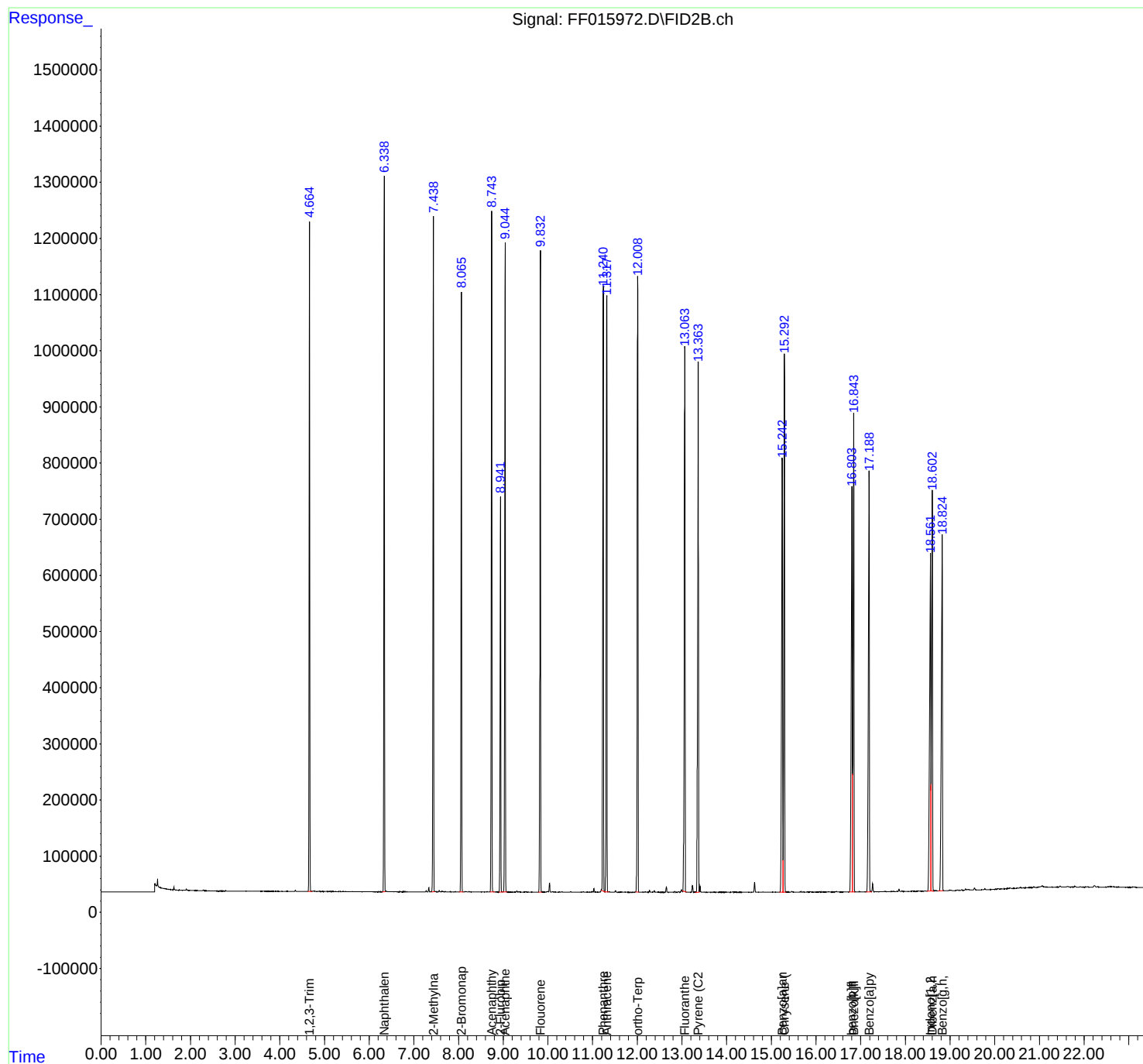
Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1

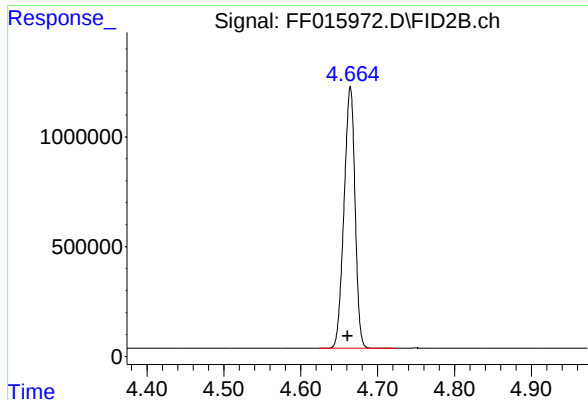
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e
Quant Time: Jun 16 04:31:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 04:30:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.664 min
Delta R.T.: 0.003 min
Response: 11802219
Conc: 96.74 ug/ml

Instrument :

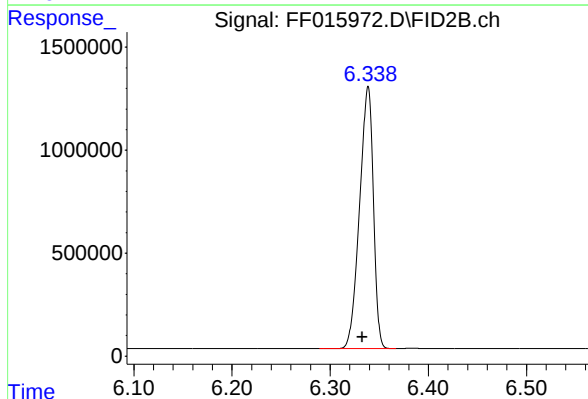
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ClientSampleId :

100 PPM AROMATIC HC STD1

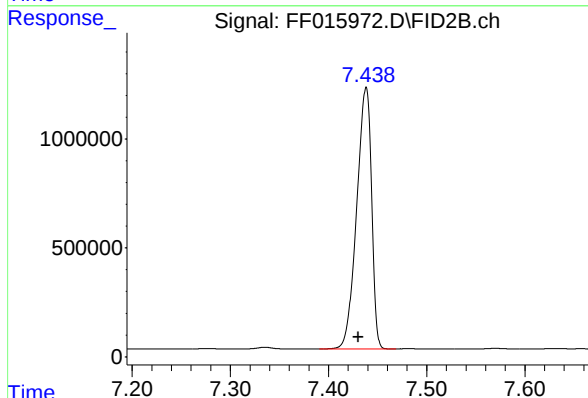
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



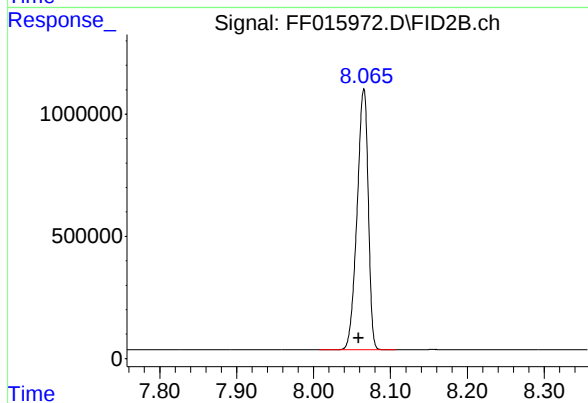
#2 Naphthalene (C11.7)

R.T.: 6.338 min
Delta R.T.: 0.005 min
Response: 12464962
Conc: 96.77 ug/ml



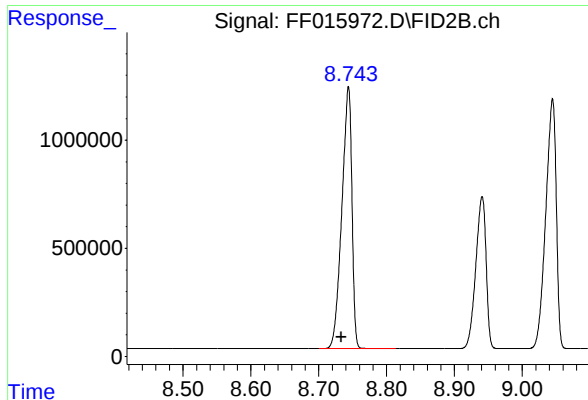
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.438 min
Delta R.T.: 0.008 min
Response: 12641861
Conc: 96.84 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.065 min
Delta R.T.: 0.006 min
Response: 10776195
Conc: 96.57 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.743 min
Delta R.T.: 0.010 min
Response: 12482958
Conc: 96.34 ug/ml

Instrument :

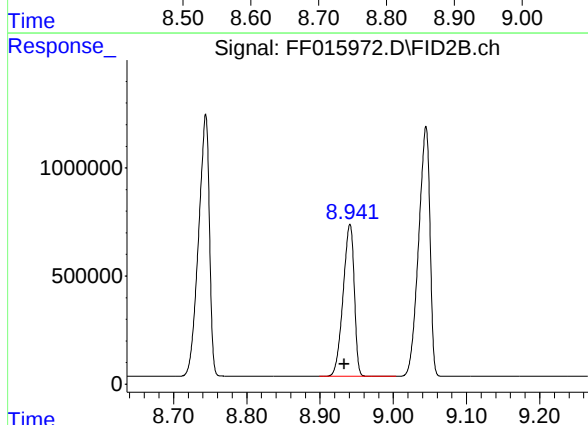
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

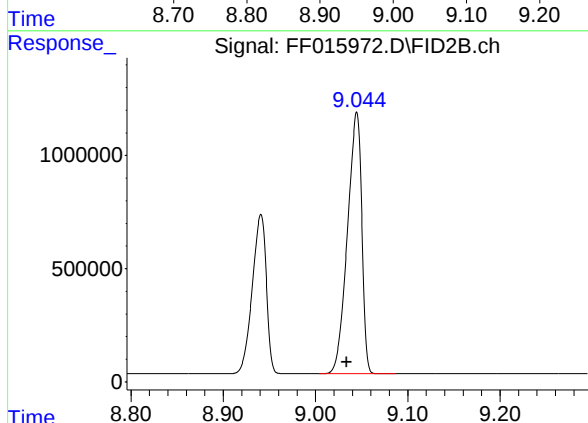
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



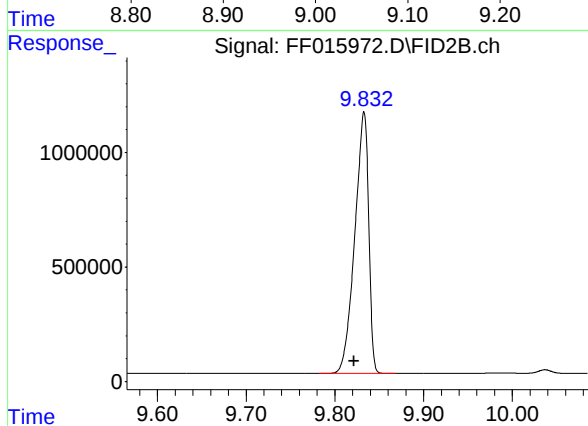
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.941 min
Delta R.T.: 0.007 min
Response: 7437934
Conc: 97.07 ug/ml



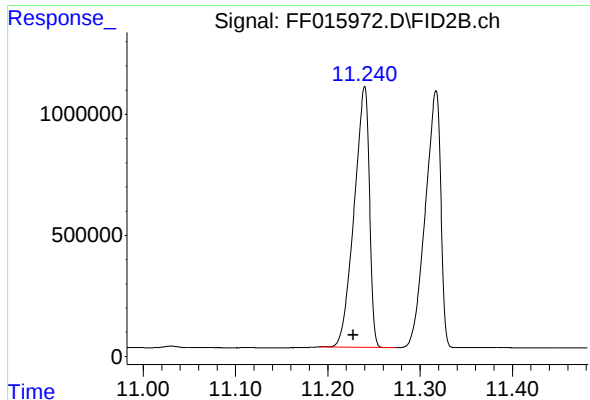
#7 Acenaphthene (C15.5)

R.T.: 9.044 min
Delta R.T.: 0.010 min
Response: 12440145
Conc: 96.76 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.832 min
Delta R.T.: 0.011 min
Response: 12383042
Conc: 96.70 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.239 min
Delta R.T.: 0.011 min
Response: 12355733
Conc: 96.96 ug/ml

Instrument :

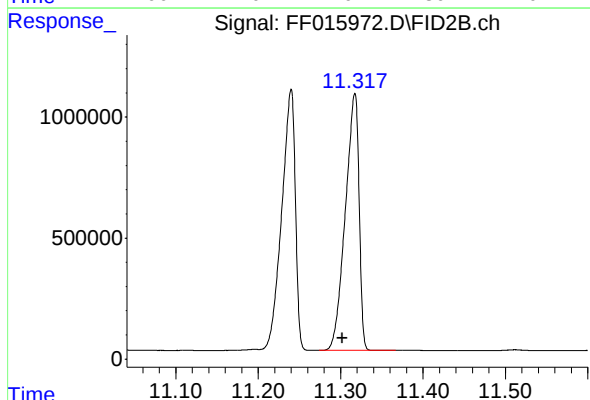
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

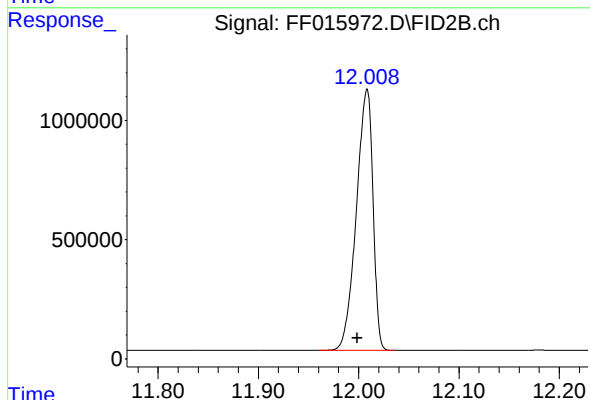
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



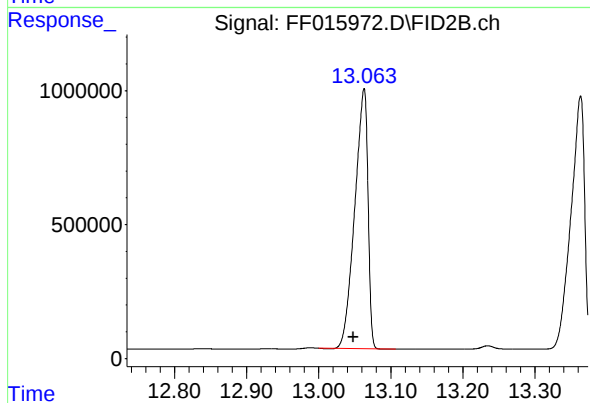
#10 Anthracene (C19.43)

R.T.: 11.317 min
Delta R.T.: 0.014 min
Response: 12298283
Conc: 96.68 ug/ml



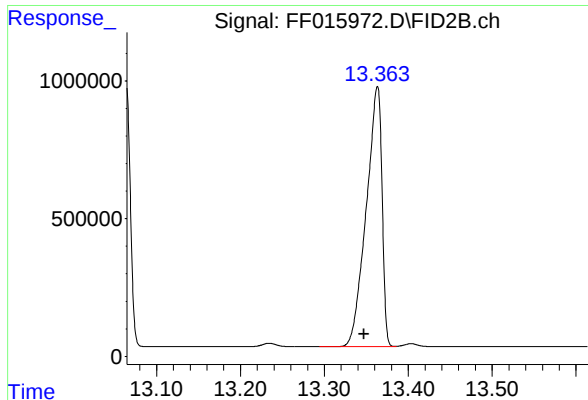
#11 ortho-Terphenyl (SURRE)

R.T.: 12.008 min
Delta R.T.: 0.009 min
Response: 12612114
Conc: 96.79 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.062 min
Delta R.T.: 0.014 min
Response: 12345811
Conc: 96.05 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.363 min
Delta R.T.: 0.016 min
Response: 12328546
Conc: 96.76 ug/ml

Instrument :

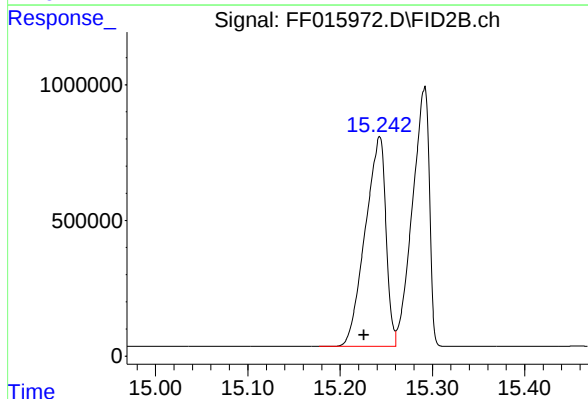
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

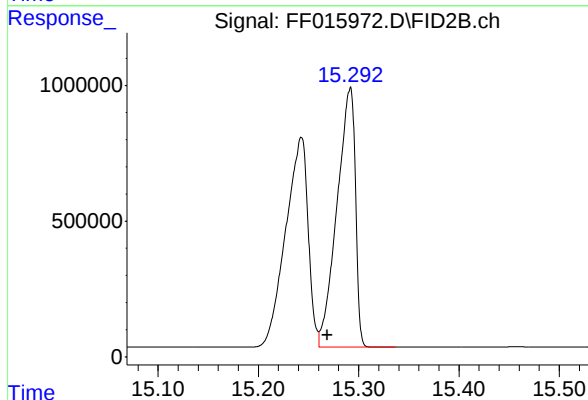
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



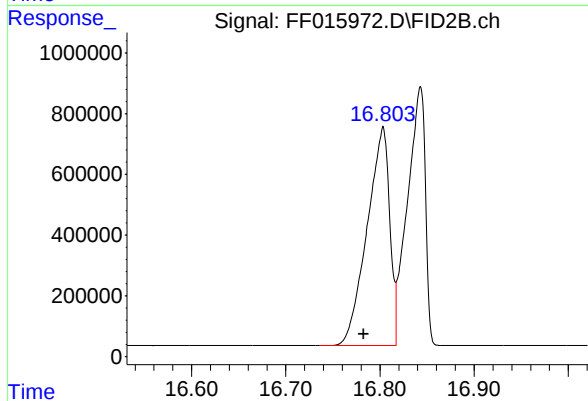
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.242 min
Delta R.T.: 0.016 min
Response: 12044850
Conc: 97.01 ug/ml



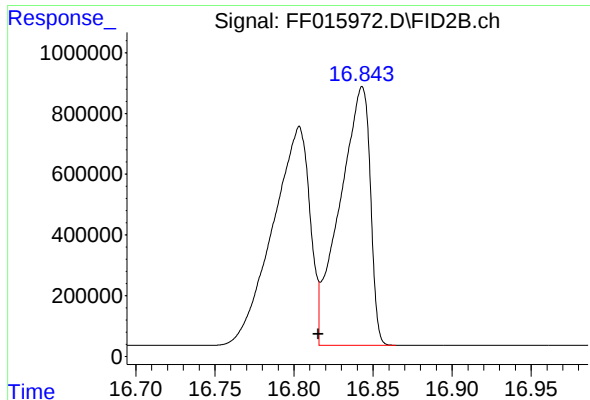
#15 Chrysene (C27.41)

R.T.: 15.291 min
Delta R.T.: 0.022 min
Response: 12159713
Conc: 96.88 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.803 min
Delta R.T.: 0.020 min
Response: 11976402
Conc: 97.08 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.843 min
Delta R.T.: 0.027 min
Response: 11370832
Conc: 97.58 ug/ml

Instrument :

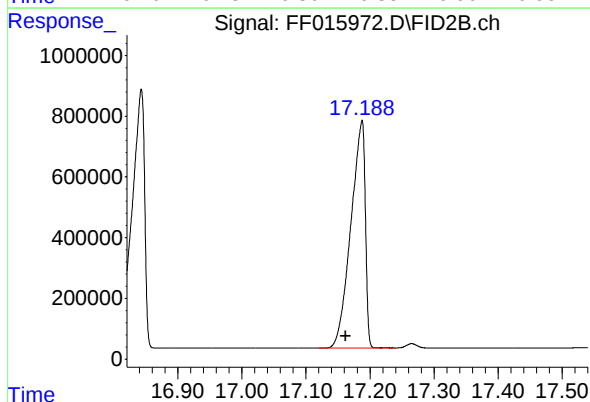
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

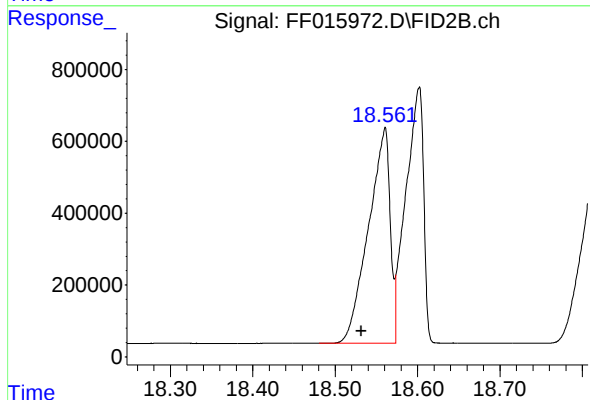
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



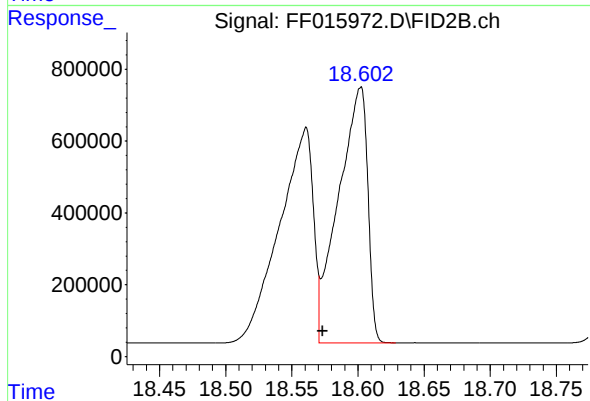
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.186 min
Delta R.T.: 0.024 min
Response: 11682660
Conc: 97.12 ug/ml



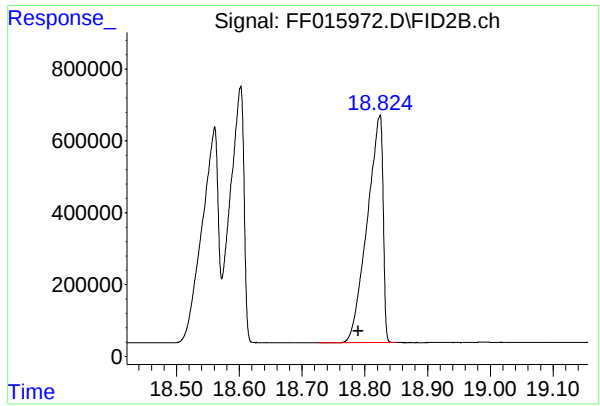
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.560 min
Delta R.T.: 0.028 min
Response: 10997763
Conc: 101.00 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.602 min
Delta R.T.: 0.029 min
Response: 10942837
Conc: 95.28 ug/ml m



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.823 min
Delta R.T.: 0.033 min
Response: 11072891
Conc: 96.59 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/16/2025

Supervised By :mohammad ahmed 06/17/2025

rteres

Instrument :
FID_F
LabSampleId :
100 PPM AROMATIC HC STD1
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF06132
Data File : FF015972.D
Signal(s) : FID2B.ch
Acq On : 13 Jun 2025 17:30
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.664	4.624	4.724	BB	1189915	11802219	93.36%	4.794%
2	6.338	6.289	6.367	BV	1280359	12464962	98.60%	5.063%
3	7.438	7.390	7.469	BV	1195137	12641861	100.00%	5.135%
4	8.065	8.007	8.107	BB	1069264	10776195	85.24%	4.377%
5	8.743	8.700	8.814	BB	1219071	12482958	98.74%	5.071%
6	8.941	8.899	9.004	BB	703299	7437934	58.84%	3.021%
7	9.044	9.004	9.087	BB	1152878	12440145	98.40%	5.053%
8	9.832	9.782	9.869	BB	1142980	12383042	97.95%	5.030%
9	11.239	11.190	11.274	BV	1071456	12355733	97.74%	5.019%
10	11.317	11.274	11.367	PV	1064718	12298283	97.28%	4.996%
11	12.008	11.960	12.037	BB	1086512	12612114	99.76%	5.123%
12	13.062	13.000	13.107	BB	967911	12345811	97.66%	5.015%
13	13.363	13.294	13.385	BV	941308	12328546	97.52%	5.008%
14	15.242	15.177	15.260	BV	773845	12044850	95.28%	4.893%
15	15.291	15.260	15.337	VB	947497	12159713	96.19%	4.939%
16	16.803	16.735	16.817	BV	715151	11976402	94.74%	4.865%
17	16.842	16.817	16.889	VB	848058	11255093	89.03%	4.572%
18	17.186	17.120	17.240	BV	735840	11682660	92.41%	4.746%
19	18.560	18.480	18.574	BV	587778	10997763	86.99%	4.467%
20	18.601	18.574	18.630	VB	707198	10618039	83.99%	4.313%
21	18.823	18.727	18.850	BBA	628291	11072891	87.59%	4.498%
Sum of corrected areas:						246177212		

Aromatic EPH 061325.M Mon Jun 16 04:50:57 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015973.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 18:00
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 16 04:31:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:30:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.061	5410185	48.481 ug/ml
Spiked Amount 50.000		Recovery =	96.96%
6) S 2-Fluorobiphenyl (SURR)	8.936	3727550	48.647 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.29%
11) S ortho-Terphenyl (SURR)	12.001	6336280	48.625 ug/ml
Spiked Amount 50.000		Recovery =	97.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.662	5910852	48.449 ug/ml
2) T Naphthalene (C11.7)	6.334	6247721	48.502 ug/ml
3) T 2-Methylnaphthalene (...)	7.433	6337172	48.542 ug/ml
5) T Acenaphthylene (C15.06)	8.738	6275889	48.436 ug/ml
7) T Acenaphthene (C15.5)	9.038	6245578	48.580 ug/ml
8) T Fluorene (C16.55)	9.826	6219385	48.569 ug/ml
9) T Phenanthrene (C19.36)	11.232	6197575	48.636 ug/ml
10) T Anthracene (C19.43)	11.308	6177274	48.563 ug/ml
12) T Fluoranthene (C21.85)	13.053	6245892	48.593 ug/ml
13) T Pyrene (C20.8)	13.353	6201481	48.671 ug/ml
14) T Benzo[a]anthracene (C...	15.233	6063628	48.835 ug/ml
15) T Chrysene (C27.41)	15.278	6113881	48.709 ug/ml
16) T benzo[b]fluoranthene ...	16.792	6032952	48.901 ug/ml
17) T Bnezo[k]fluoranthene ...	16.827	5671462	48.669 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.173	5873108	48.823 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.544	5379712	49.404 ug/ml
20) T Dibenz[a,h]anthracene...	18.585	5534422	48.190 ug/ml
21) T Benzo[g,h,i]perylene ...	18.805	5590268	48.763 ug/ml

(f)=RT Delta > 1/2 Window

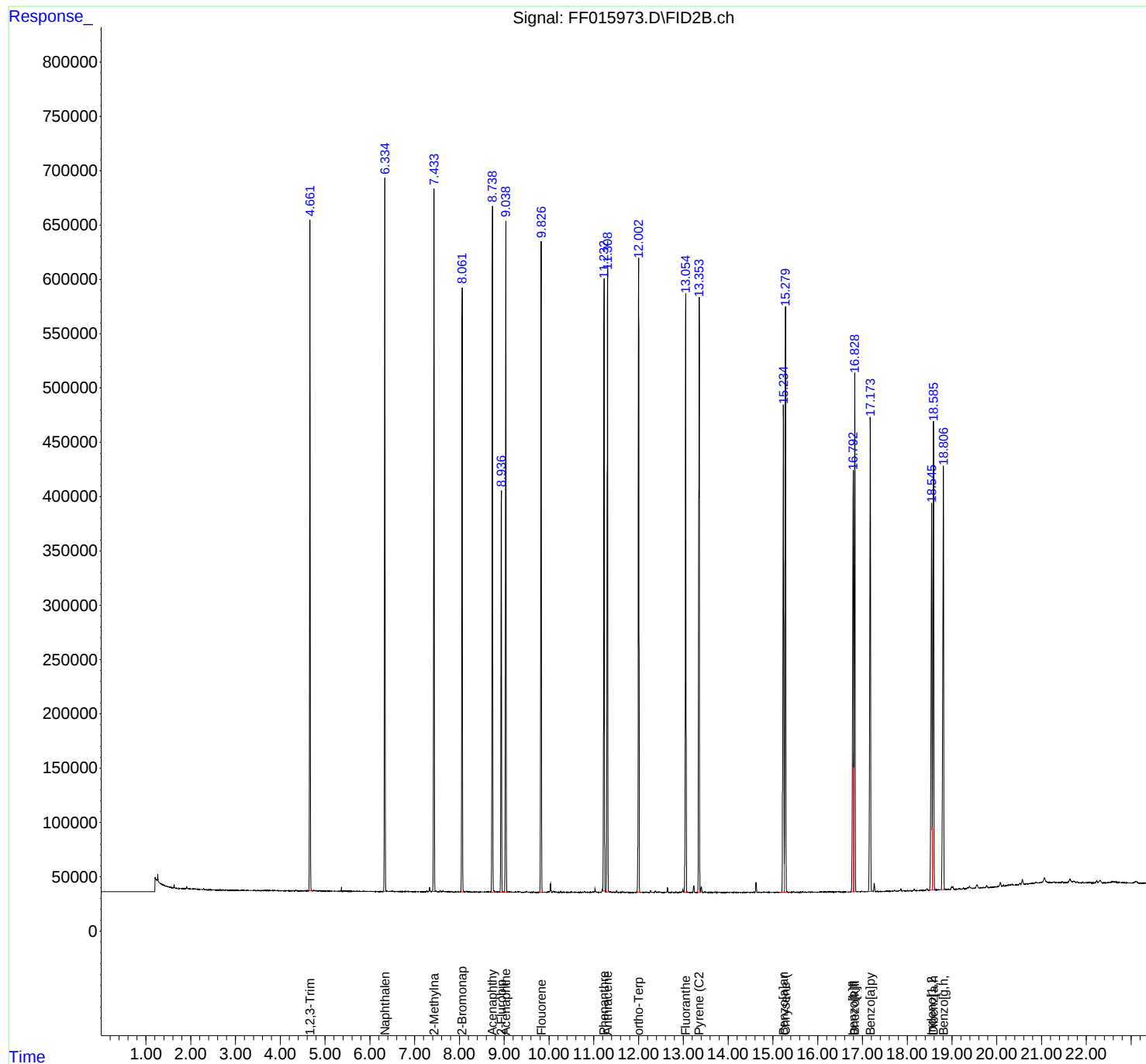
(m)=manual int.

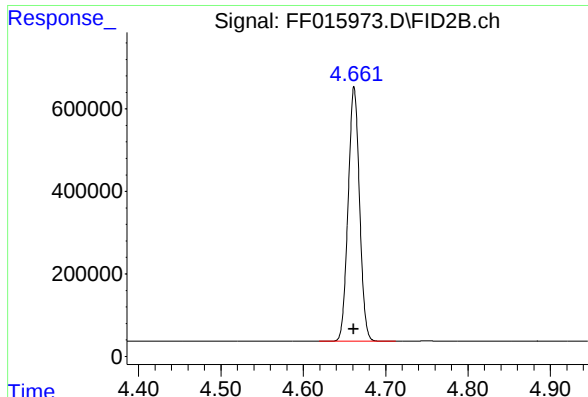
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
Data File : FF015973.D
Signal(s) : FID2B.ch
Acq On : 13 Jun 2025 18:00
Operator : YP\AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Jun 16 04:31:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 04:30:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

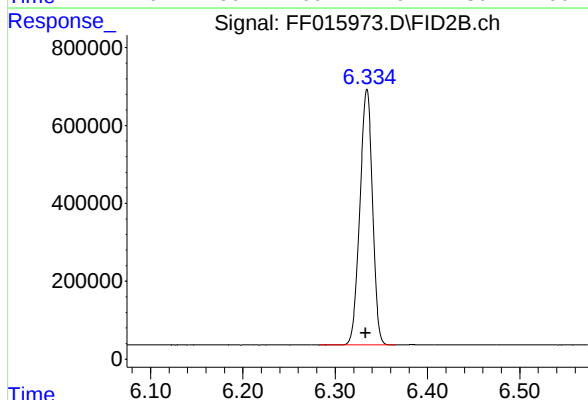




#1 1,2,3-Trimethylbenzene (C10.1)

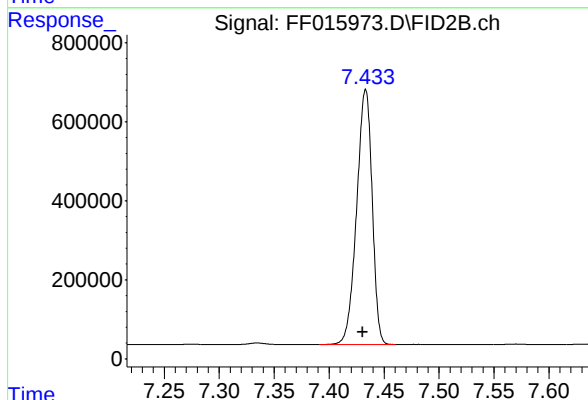
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 5910852
Conc: 48.45 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



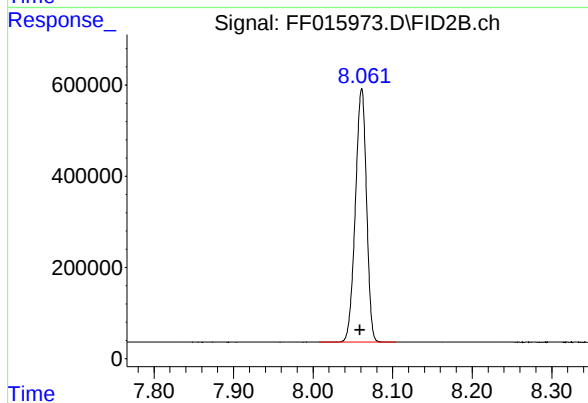
#2 Naphthalene (C11.7)

R.T.: 6.334 min
Delta R.T.: 0.001 min
Response: 6247721
Conc: 48.50 ug/ml



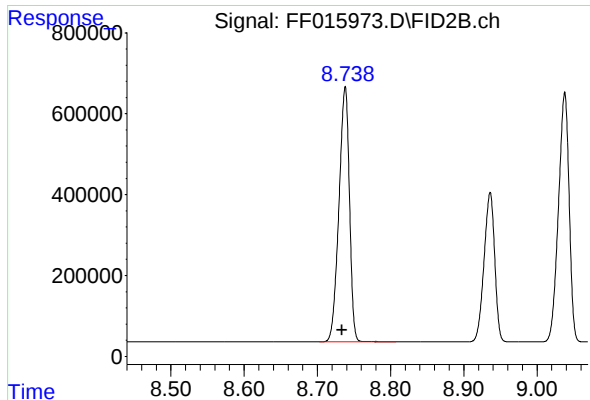
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.433 min
Delta R.T.: 0.003 min
Response: 6337172
Conc: 48.54 ug/ml



#4 2-Bromonaphthalene (SURR)

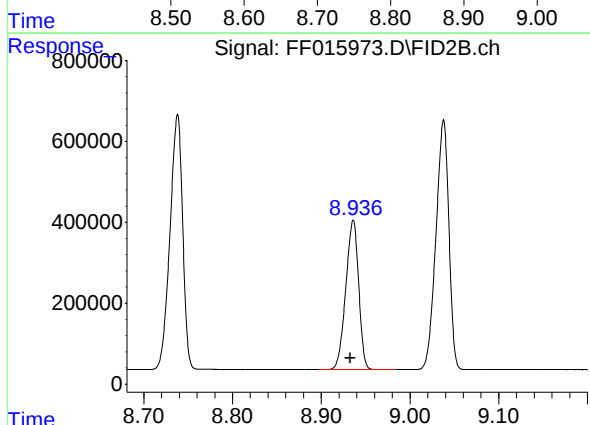
R.T.: 8.061 min
Delta R.T.: 0.002 min
Response: 5410185
Conc: 48.48 ug/ml



#5 Acenaphthylene (C15.06)

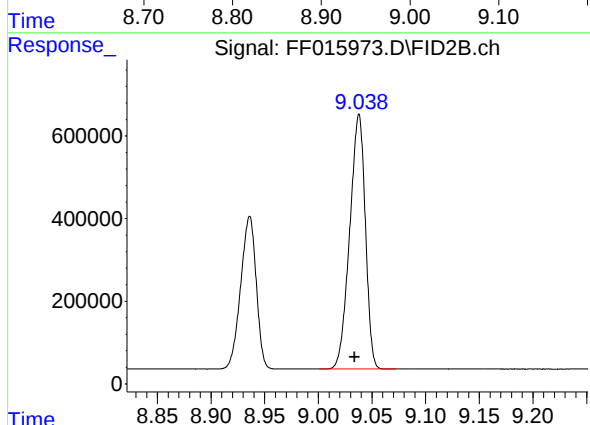
R.T.: 8.738 min
Delta R.T.: 0.004 min
Response: 6275889
Conc: 48.44 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



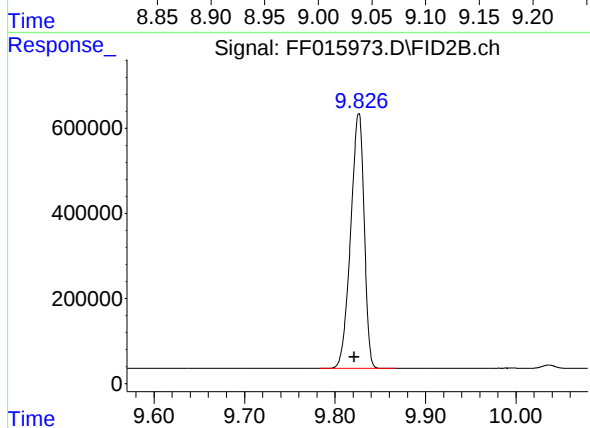
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.936 min
Delta R.T.: 0.003 min
Response: 3727550
Conc: 48.65 ug/ml



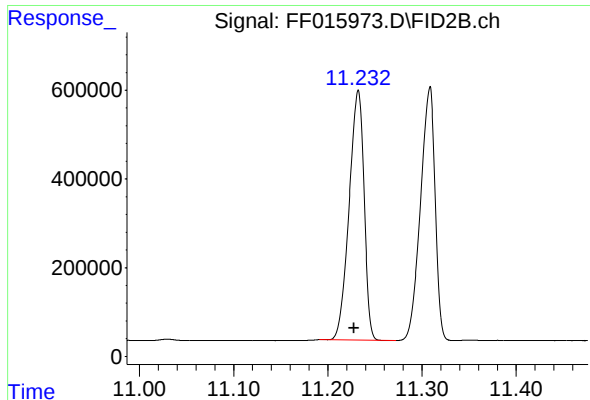
#7 Acenaphthene (C15.5)

R.T.: 9.038 min
Delta R.T.: 0.004 min
Response: 6245578
Conc: 48.58 ug/ml



#8 Fluorene (C16.55)

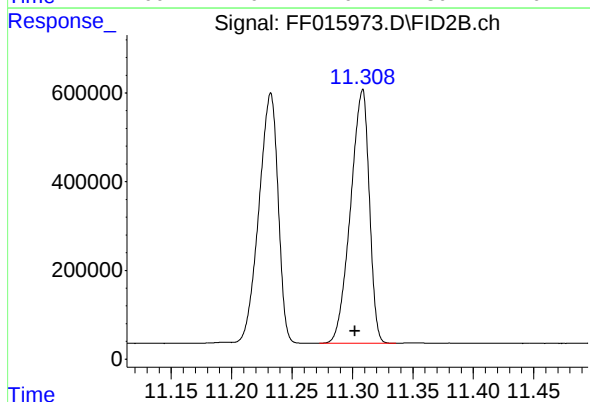
R.T.: 9.826 min
Delta R.T.: 0.005 min
Response: 6219385
Conc: 48.57 ug/ml



#9 Phenanthrene (C19.36)

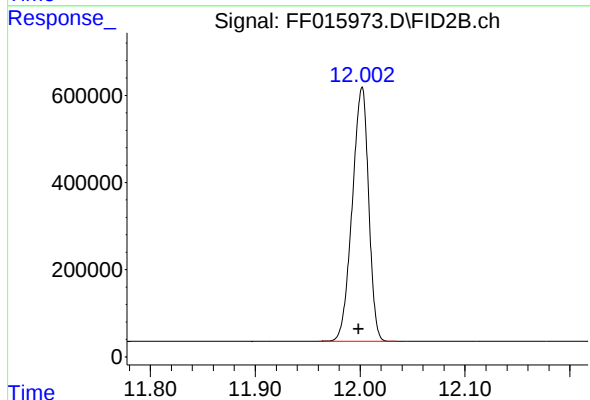
R.T.: 11.232 min
Delta R.T.: 0.004 min
Response: 6197575
Conc: 48.64 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



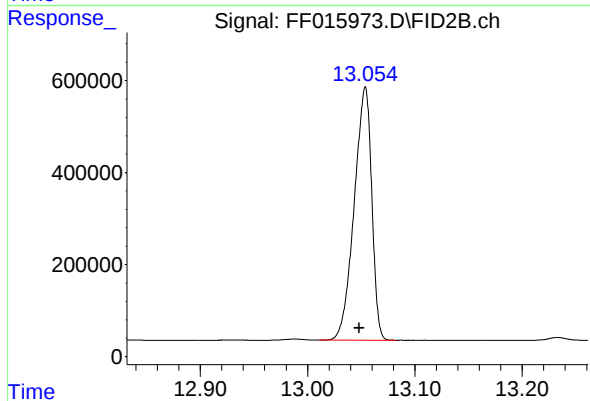
#10 Anthracene (C19.43)

R.T.: 11.308 min
Delta R.T.: 0.006 min
Response: 6177274
Conc: 48.56 ug/ml



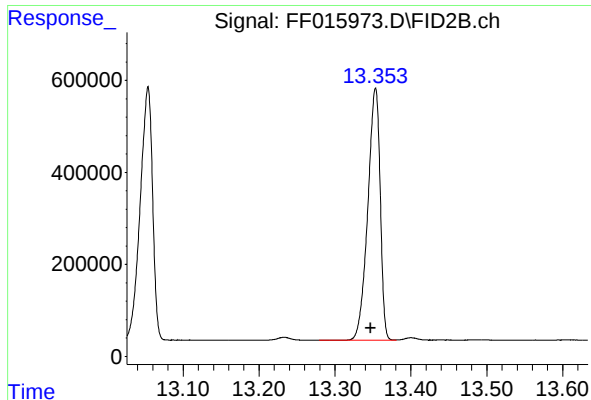
#11 ortho-Terphenyl (SURR)

R.T.: 12.001 min
Delta R.T.: 0.003 min
Response: 6336280
Conc: 48.62 ug/ml



#12 Fluoranthene (C21.85)

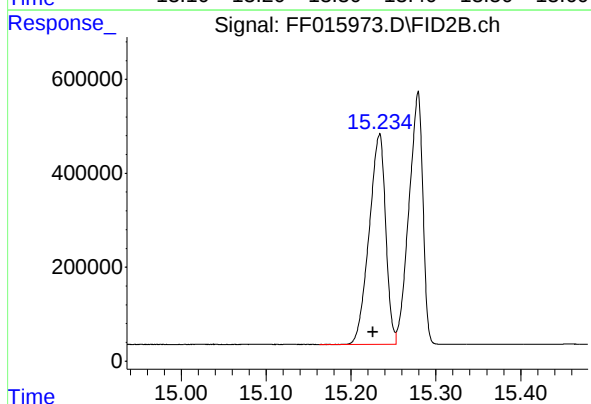
R.T.: 13.053 min
Delta R.T.: 0.005 min
Response: 6245892
Conc: 48.59 ug/ml



#13 Pyrene (C20.8)

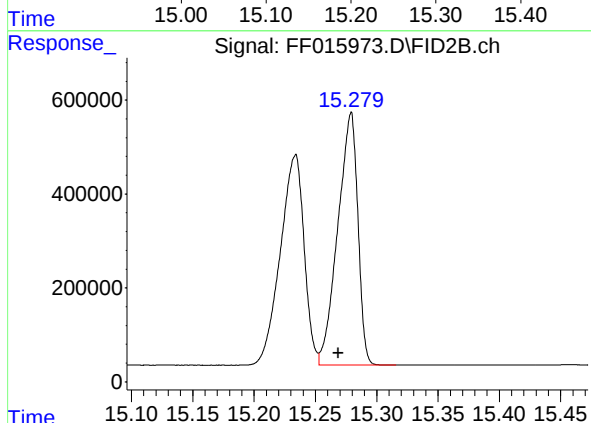
R.T.: 13.353 min
Delta R.T.: 0.006 min
Response: 6201481
Conc: 48.67 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



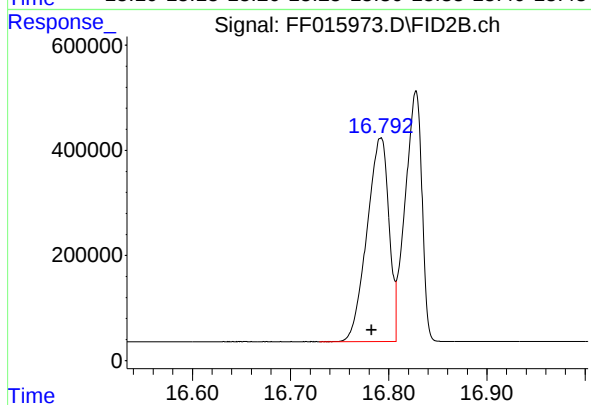
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.233 min
Delta R.T.: 0.007 min
Response: 6063628
Conc: 48.83 ug/ml



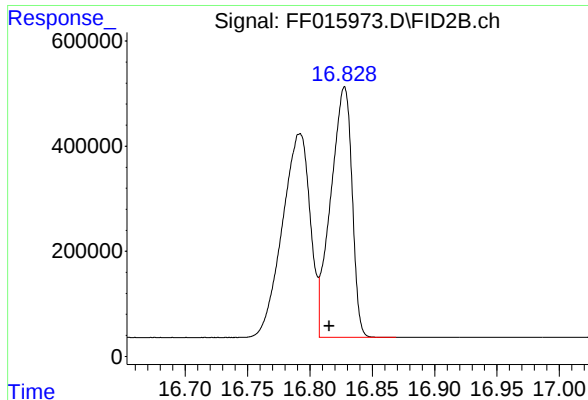
#15 Chrysene (C27.41)

R.T.: 15.278 min
Delta R.T.: 0.010 min
Response: 6113881
Conc: 48.71 ug/ml



#16 benzo[b]fluoranthene (C30.41)

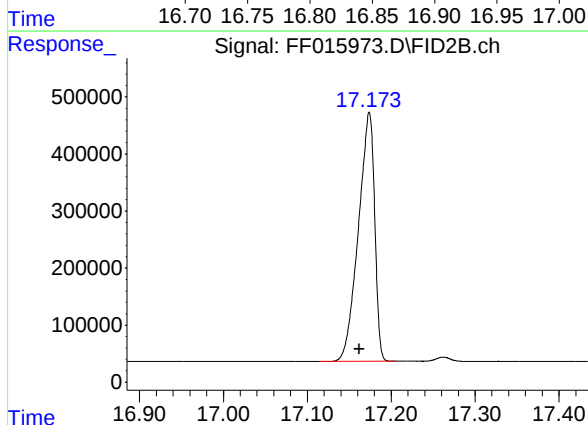
R.T.: 16.792 min
Delta R.T.: 0.009 min
Response: 6032952
Conc: 48.90 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

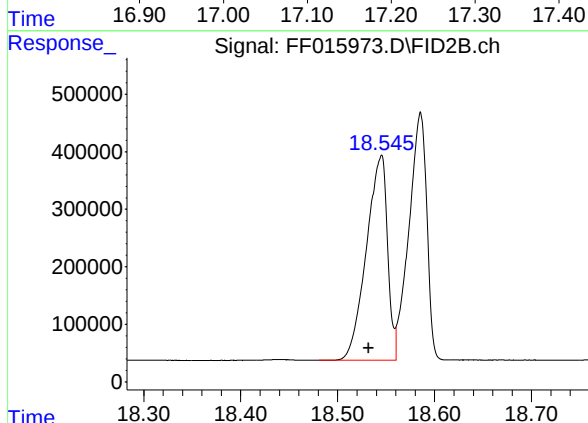
R.T.: 16.827 min
Delta R.T.: 0.012 min
Response: 5671462
Conc: 48.67 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



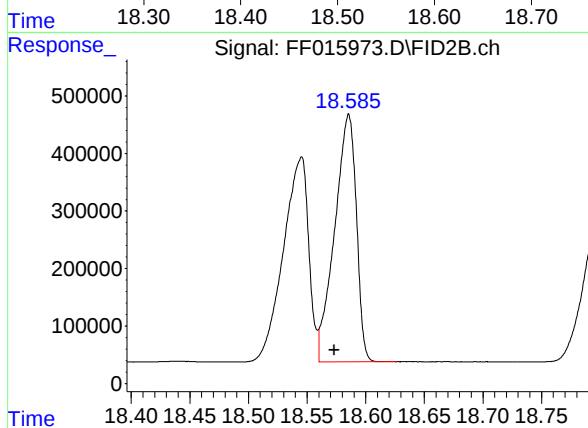
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.173 min
Delta R.T.: 0.011 min
Response: 5873108
Conc: 48.82 ug/ml



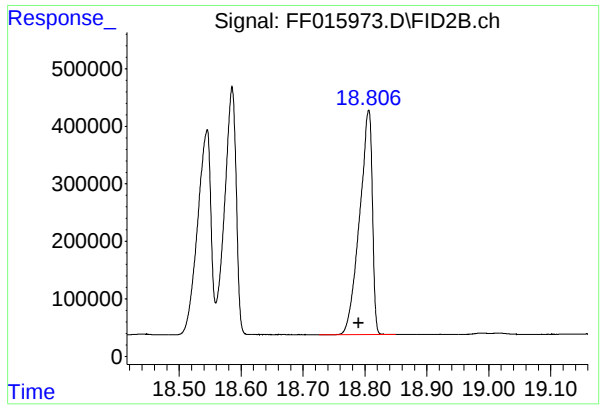
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.544 min
Delta R.T.: 0.012 min
Response: 5379712
Conc: 49.40 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.585 min
Delta R.T.: 0.012 min
Response: 5534422
Conc: 48.19 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.805 min
Delta R.T.: 0.015 min
Response: 5590268
Conc: 48.76 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015973.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 18:00
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.662	4.619	4.712	BB	613808	5910852	93.27%	4.775%
2	6.334	6.282	6.366	BV	656938	6247721	98.59%	5.047%
3	7.433	7.391	7.461	BB	645334	6337172	100.00%	5.119%
4	8.061	8.007	8.104	BB	555928	5410185	85.37%	4.370%
5	8.738	8.702	8.807	BB	628768	6275889	99.03%	5.070%
6	8.936	8.897	8.984	BB	370025	3727550	58.82%	3.011%
7	9.038	9.001	9.072	BB	616290	6245578	98.55%	5.045%
8	9.826	9.782	9.867	BB	600488	6219385	98.14%	5.024%
9	11.232	11.191	11.272	BV	565886	6197575	97.80%	5.006%
10	11.308	11.272	11.336	PV	567061	6177274	97.48%	4.990%
11	12.001	11.961	12.034	BB	581403	6336280	99.99%	5.118%
12	13.053	13.011	13.082	BB	554308	6245892	98.56%	5.045%
13	13.353	13.279	13.380	BV	547779	6201481	97.86%	5.010%
14	15.233	15.162	15.253	BV	445362	6063628	95.68%	4.898%
15	15.278	15.253	15.316	VB	541157	6113881	96.48%	4.939%
16	16.792	16.729	16.807	BV	388374	6032952	95.20%	4.873%
17	16.827	16.807	16.869	VB	477256	5671462	89.50%	4.581%
18	17.173	17.114	17.206	BB	438575	5873108	92.68%	4.744%
19	18.544	18.481	18.560	BV	352986	5379712	84.89%	4.346%
20	18.585	18.560	18.626	VB	432745	5534422	87.33%	4.471%
21	18.805	18.726	18.850	BBA	390217	5590268	88.21%	4.516%
Sum of corrected areas:						123792264		

Aromatic EPH 061325.M Mon Jun 16 04:51:31 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015974.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 18:29
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jun 16 04:31:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:30:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.059	2231889	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.933	1532487	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.999	2606202	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.661	2440035	20.000 ug/ml
2) T Naphthalene (C11.7)	6.333	2576262	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.430	2610985	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.734	2591437	20.000 ug/ml
7) T Acenaphthene (C15.5)	9.034	2571279	20.000 ug/ml
8) T Fluorene (C16.55)	9.821	2561063	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.228	2548528	20.000 ug/ml
10) T Anthracene (C19.43)	11.302	2544050	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.048	2570710	20.000 ug/ml
13) T Pyrene (C20.8)	13.347	2548343	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.226	2483314	20.000 ug/ml
15) T Chrysene (C27.41)	15.269	2510387	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.783	2467425	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.816	2330626	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.162	2405879	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.532	2177865	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.573	2296931	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.790	2292840	20.000 ug/ml

(f)=RT Delta > 1/2 Window

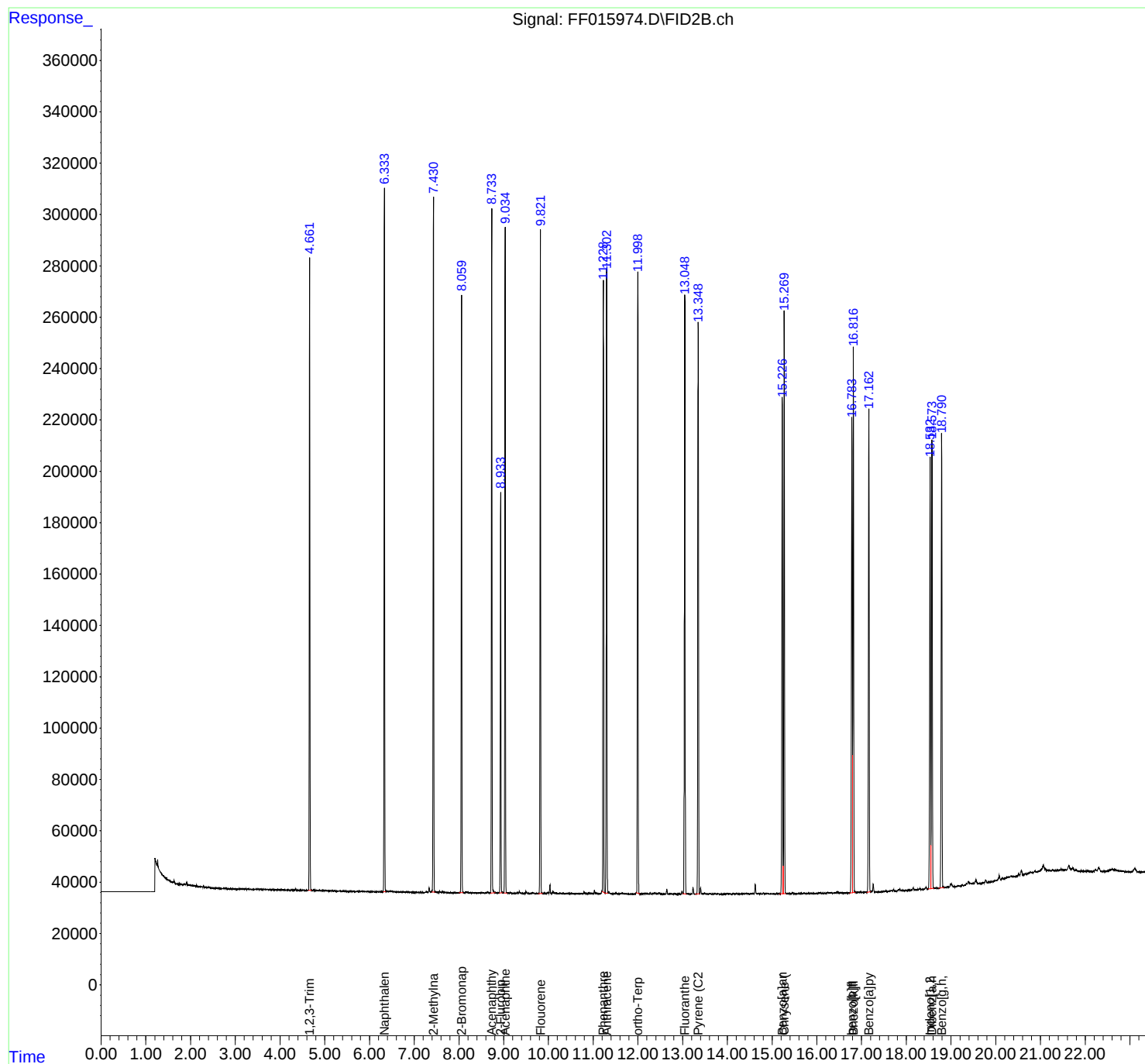
(m)=manual int.

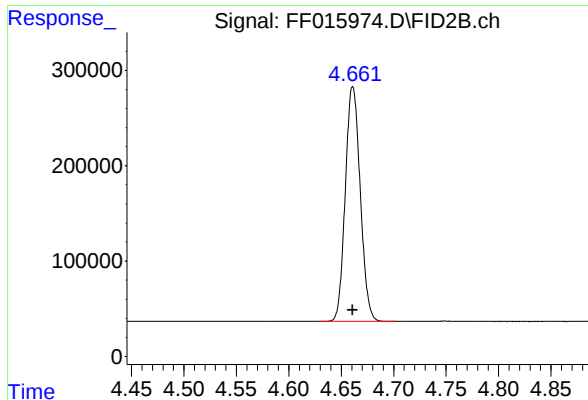
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
Data File : FF015974.D
Signal(s) : FID2B.ch
Acq On : 13 Jun 2025 18:29
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Jun 16 04:31:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 04:30:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

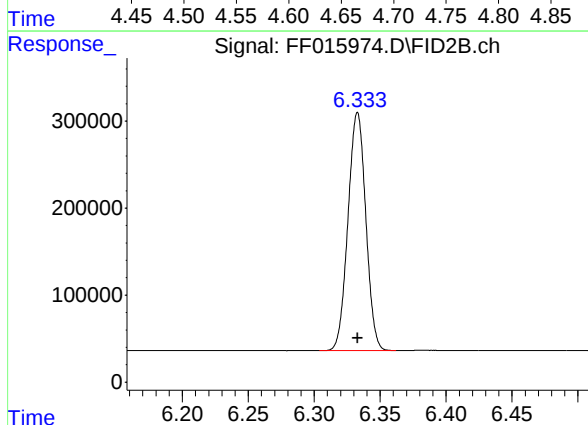




#1 1,2,3-Trimethylbenzene (C10.1)

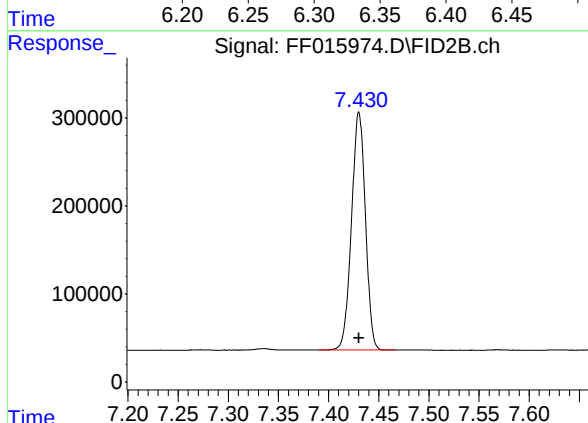
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 2440035
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



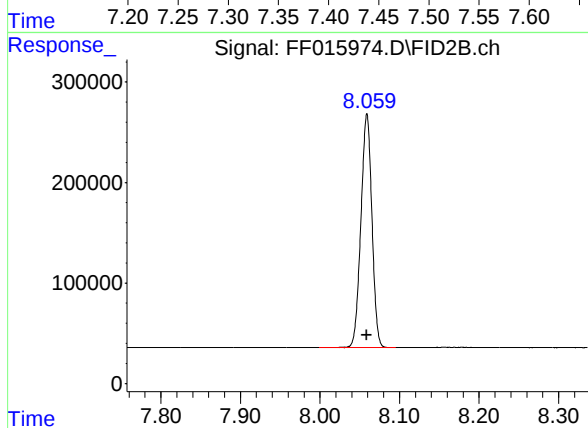
#2 Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 2576262
Conc: 20.00 ug/ml



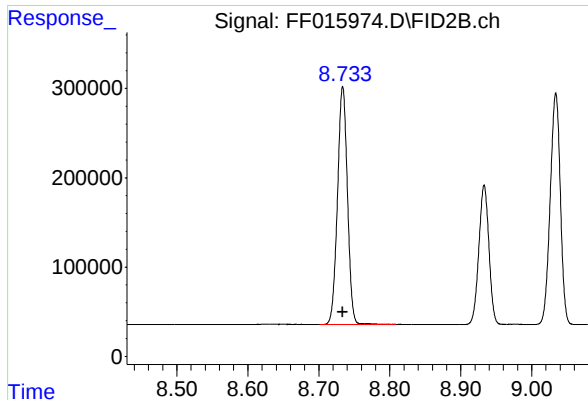
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 2610985
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

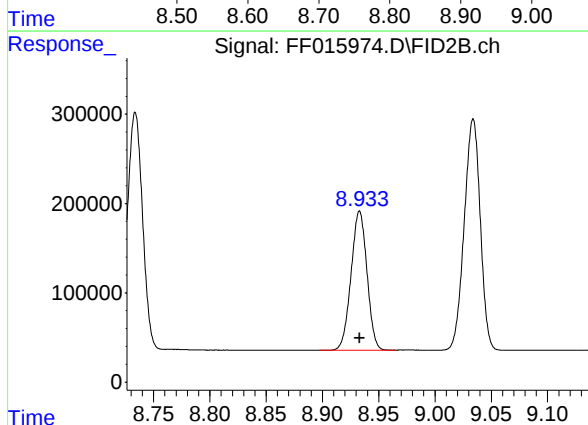
R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 2231889
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

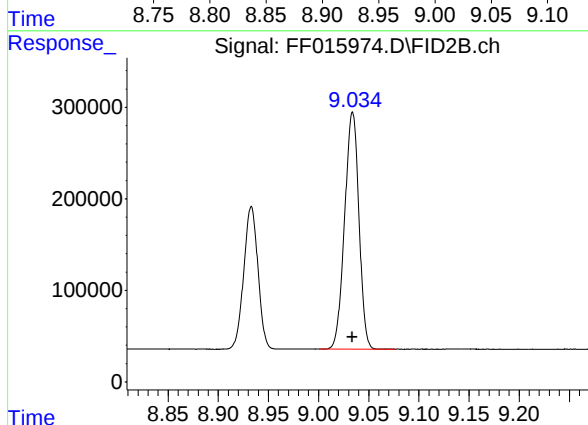
R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 2591437
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



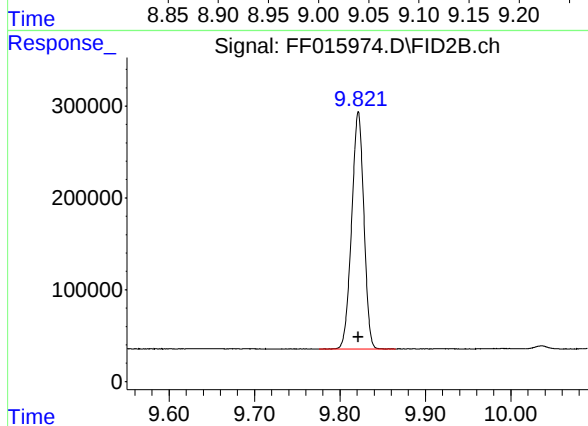
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.933 min
Delta R.T.: 0.000 min
Response: 1532487
Conc: 20.00 ug/ml



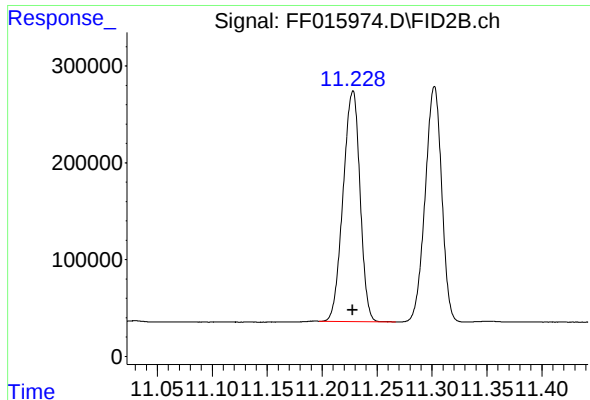
#7 Acenaphthene (C15.5)

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 2571279
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

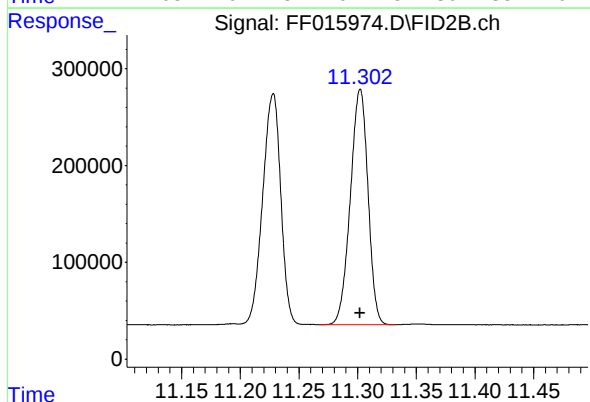
R.T.: 9.821 min
Delta R.T.: 0.000 min
Response: 2561063
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

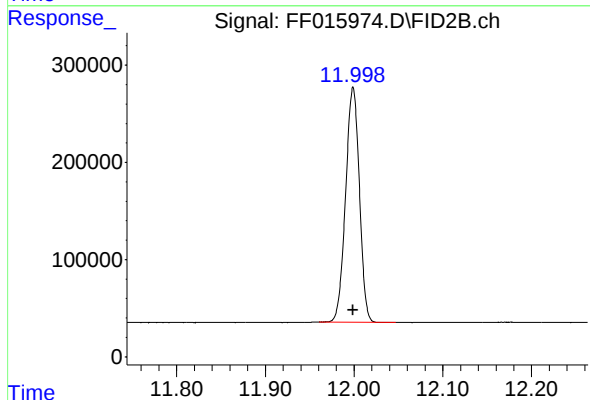
R.T.: 11.228 min
Delta R.T.: 0.000 min
Response: 2548528
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



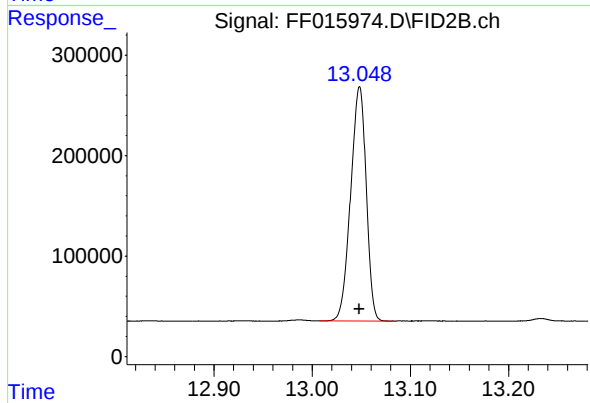
#10 Anthracene (C19.43)

R.T.: 11.302 min
Delta R.T.: 0.000 min
Response: 2544050
Conc: 20.00 ug/ml



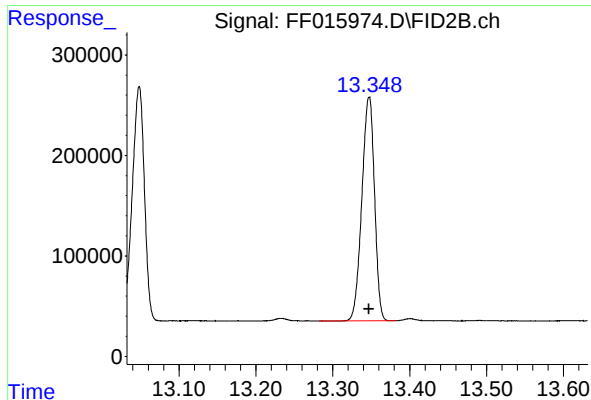
#11 ortho-Terphenyl (SURR)

R.T.: 11.999 min
Delta R.T.: 0.000 min
Response: 2606202
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

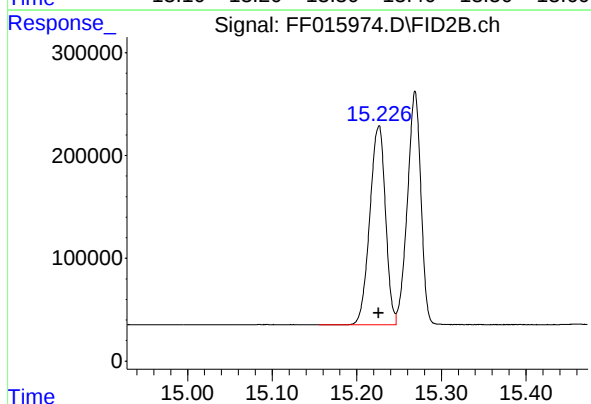
R.T.: 13.048 min
Delta R.T.: 0.000 min
Response: 2570710
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

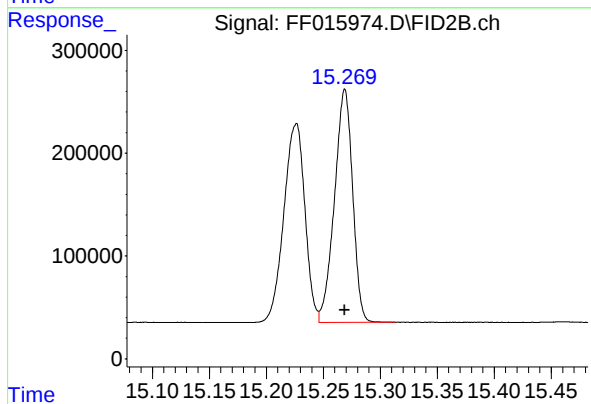
R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 2548343
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



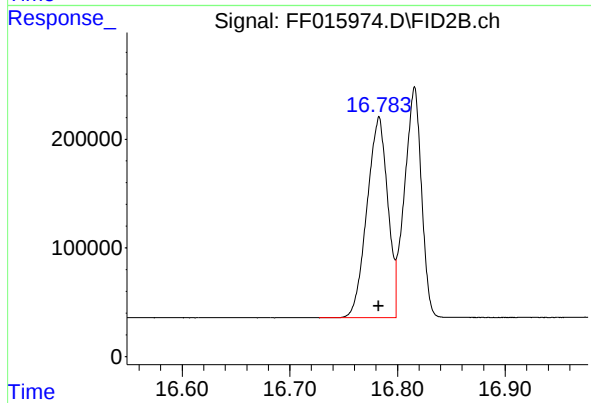
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 2483314
Conc: 20.00 ug/ml



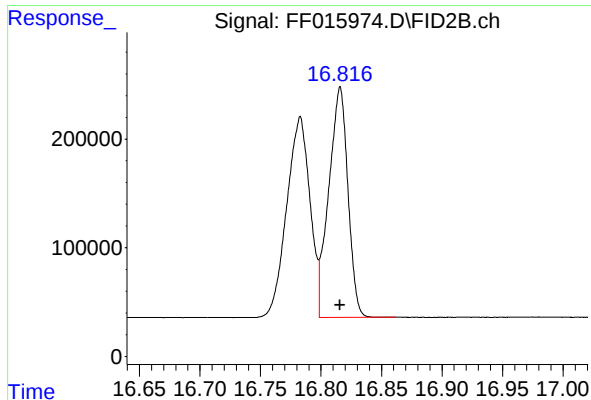
#15 Chrysene (C27.41)

R.T.: 15.269 min
Delta R.T.: 0.000 min
Response: 2510387
Conc: 20.00 ug/ml



#16 benzo[b]fluoranthene (C30.41)

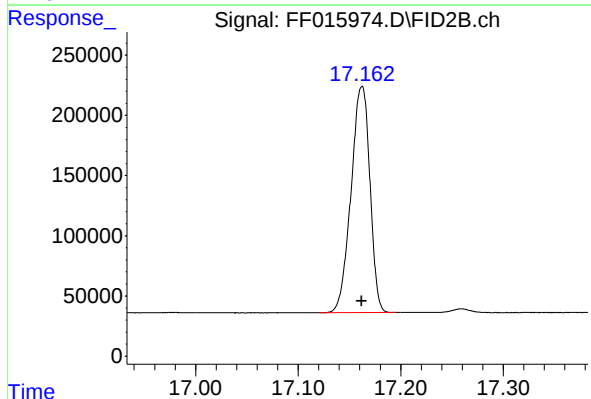
R.T.: 16.783 min
Delta R.T.: 0.000 min
Response: 2467425
Conc: 20.00 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

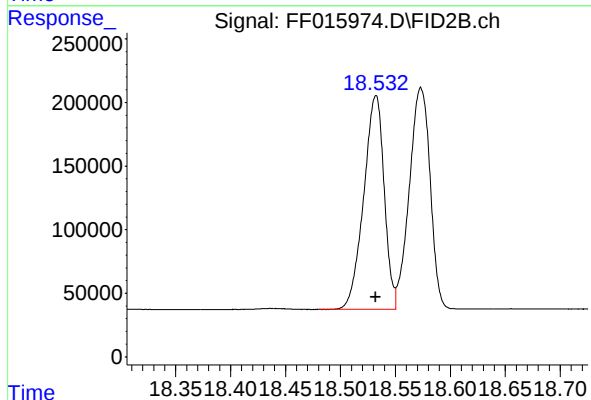
R.T.: 16.816 min
Delta R.T.: 0.000 min
Response: 2330626
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



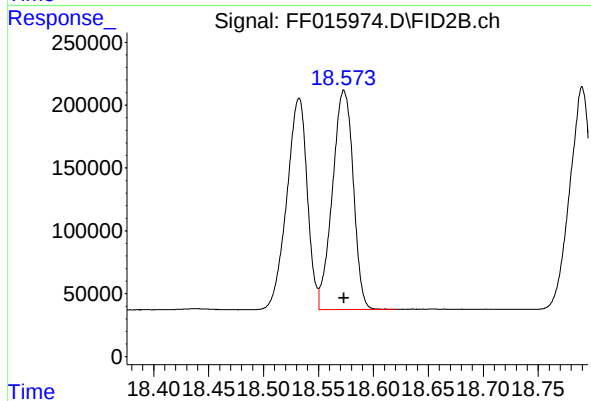
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.162 min
Delta R.T.: 0.000 min
Response: 2405879
Conc: 20.00 ug/ml



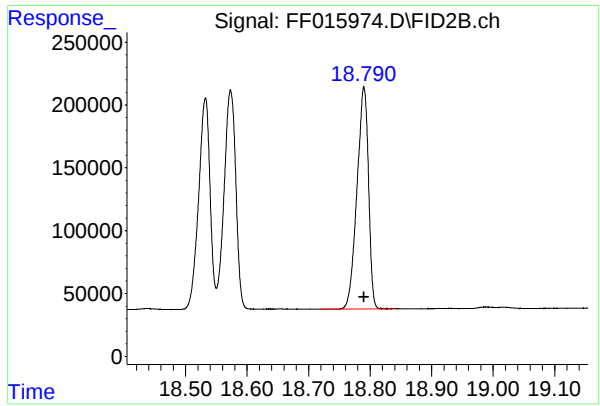
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.532 min
Delta R.T.: 0.000 min
Response: 2177865
Conc: 20.00 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.573 min
Delta R.T.: 0.000 min
Response: 2296931
Conc: 20.00 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.790 min

Delta R.T.: 0.000 min

Response: 2292840

Conc: 20.00 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
Data File : FF015974.D
Signal(s) : FID2B.ch
Acq On : 13 Jun 2025 18:29
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.661	4.629	4.702	BB	246527	2440035	93.45%	4.794%
2	6.333	6.304	6.362	BB	273688	2576262	98.67%	5.062%
3	7.430	7.390	7.467	BB	270531	2610985	100.00%	5.130%
4	8.059	7.999	8.095	BB	232450	2231889	85.48%	4.385%
5	8.734	8.700	8.809	BB	266482	2591437	99.25%	5.091%
6	8.933	8.897	8.965	BB	156214	1532487	58.69%	3.011%
7	9.034	9.000	9.077	BB	259374	2571279	98.48%	5.052%
8	9.821	9.775	9.865	BB	259273	2561063	98.09%	5.032%
9	11.228	11.197	11.267	BV	237439	2548528	97.61%	5.007%
10	11.302	11.267	11.333	PV	243688	2544050	97.44%	4.998%
11	11.999	11.960	12.047	BB	242056	2606202	99.82%	5.120%
12	13.048	13.007	13.085	BB	234235	2570710	98.46%	5.051%
13	13.347	13.282	13.382	BV	223038	2548343	97.60%	5.007%
14	15.226	15.155	15.246	BV	192544	2483314	95.11%	4.879%
15	15.269	15.246	15.314	VB	227338	2510387	96.15%	4.932%
16	16.783	16.727	16.799	BV	184045	2467425	94.50%	4.848%
17	16.816	16.799	16.862	VB	211960	2330626	89.26%	4.579%
18	17.162	17.120	17.195	BB	187968	2405879	92.14%	4.727%
19	18.532	18.480	18.550	BV	168185	2177865	83.41%	4.279%
20	18.573	18.550	18.620	VB	174079	2296931	87.97%	4.513%
21	18.790	18.717	18.842	BB	176688	2292840	87.82%	4.505%
Sum of corrected areas:							50898535	

Aromatic EPH 061325.M Mon Jun 16 04:51:51 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015975.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 18:58
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 16 04:32:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:30:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.059	1135736	10.177 ug/ml
Spiked Amount 50.000		Recovery =	20.35%
6) S 2-Fluorobiphenyl (SURR)	8.932	776002	10.127 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.25%
11) S ortho-Terphenyl (SURR)	11.998	1321156	10.139 ug/ml
Spiked Amount 50.000		Recovery =	20.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.662	1235745	10.129 ug/ml
2) T Naphthalene (C11.7)	6.333	1304579	10.128 ug/ml
3) T 2-Methylnaphthalene (...)	7.430	1321961	10.126 ug/ml
5) T Acenaphthylene (C15.06)	8.734	1321503	10.199 ug/ml
7) T Acenaphthene (C15.5)	9.033	1304032	10.143 ug/ml
8) T Fluorene (C16.55)	9.820	1299499	10.148 ug/ml
9) T Phenanthrene (C19.36)	11.226	1296862	10.177 ug/ml
10) T Anthracene (C19.43)	11.300	1291413	10.152 ug/ml
12) T Fluoranthene (C21.85)	13.046	1311092	10.200 ug/ml
13) T Pyrene (C20.8)	13.345	1299052	10.195 ug/ml
14) T Benzo[a]anthracene (C...	15.223	1262270	10.166 ug/ml
15) T Chrysene (C27.41)	15.265	1280243	10.200 ug/ml
16) T benzo[b]fluoranthene ...	16.779	1252467	10.152 ug/ml
17) T Bnezo[k]fluoranthene ...	16.811	1186880	10.185 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.159	1223820	10.174 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.528	1102891	10.128 ug/ml
20) T Dibenz[a,h]anthracene...	18.570	1177038	10.249 ug/ml
21) T Benzo[g,h,i]perylene ...	18.783	1167537	10.184 ug/ml

(f)=RT Delta > 1/2 Window

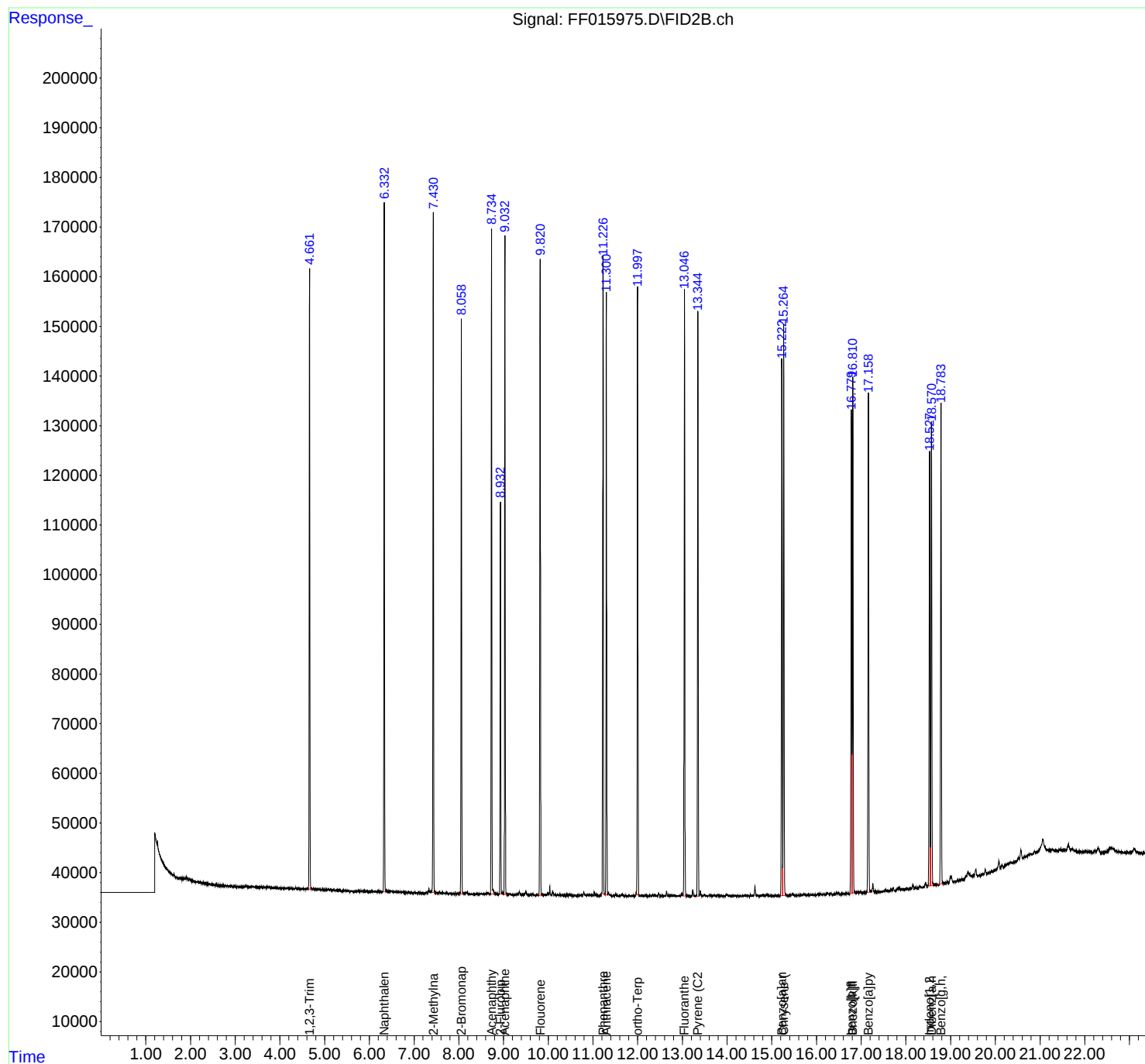
(m)=manual int.

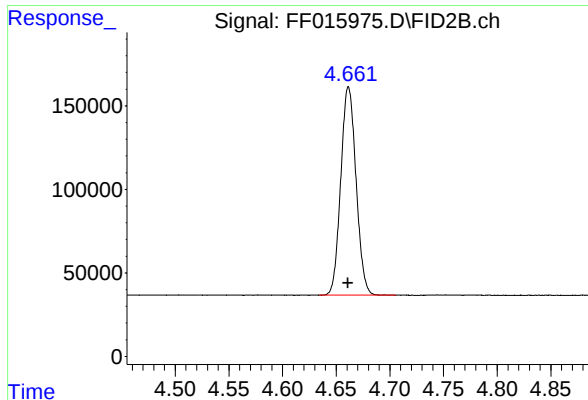
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
Data File : FF015975.D
Signal(s) : FID2B.ch
Acq On : 13 Jun 2025 18:58
Operator : YP\AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
Quant Time: Jun 16 04:32:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 04:30:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

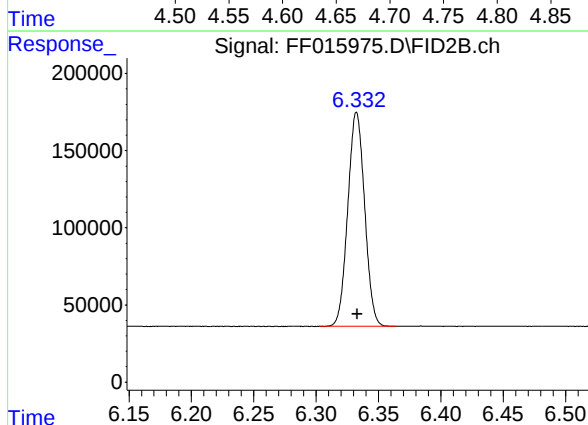




#1 1,2,3-Trimethylbenzene (C10.1)

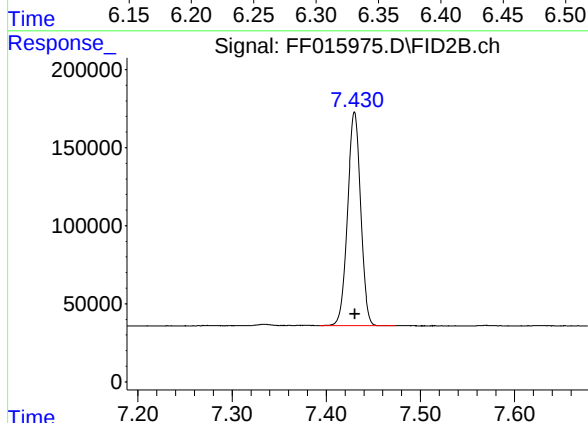
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 1235745
Conc: 10.13 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



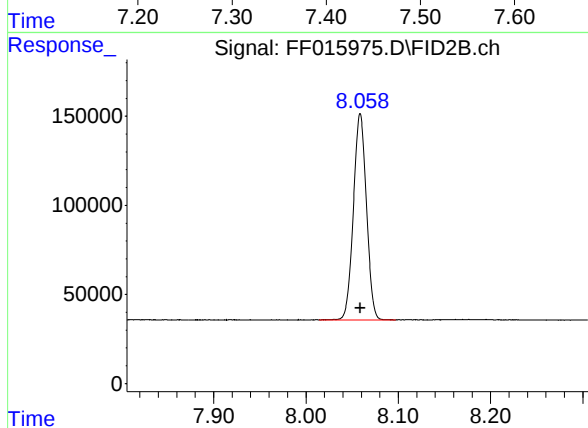
#2 Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 1304579
Conc: 10.13 ug/ml



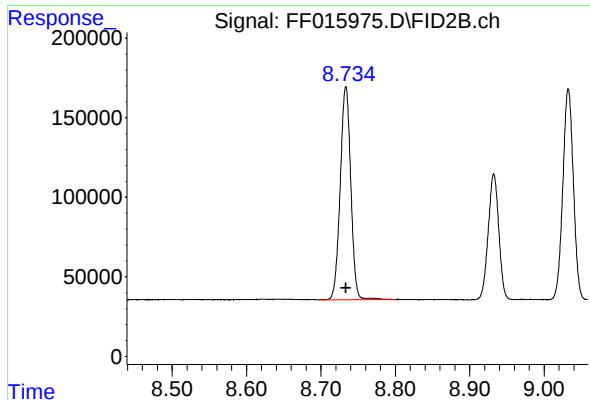
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 1321961
Conc: 10.13 ug/ml



#4 2-Bromonaphthalene (SURR)

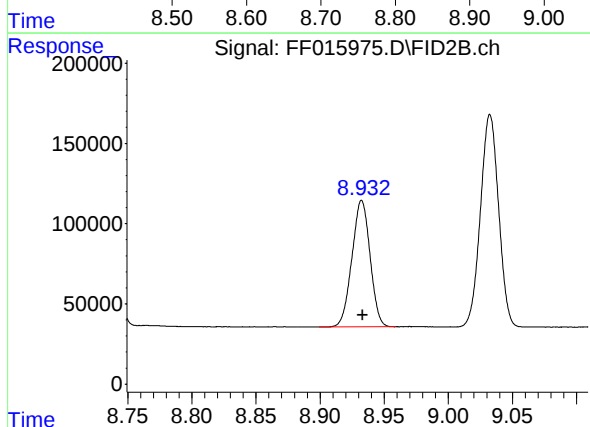
R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 1135736
Conc: 10.18 ug/ml



#5 Acenaphthylene (C15.06)

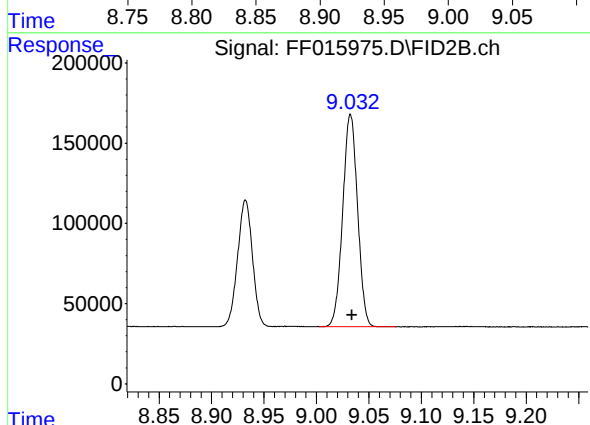
R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 1321503
Conc: 10.20 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



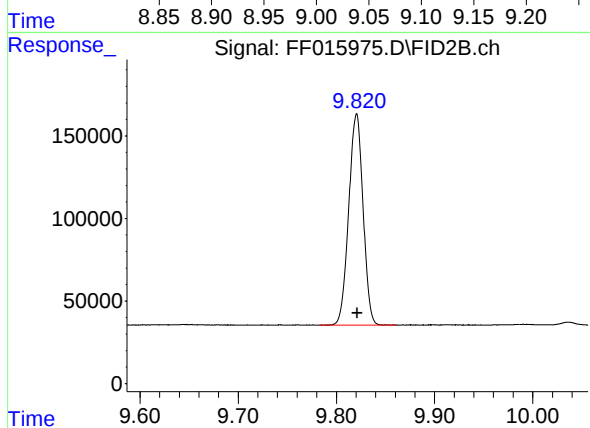
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.932 min
Delta R.T.: 0.000 min
Response: 776002
Conc: 10.13 ug/ml



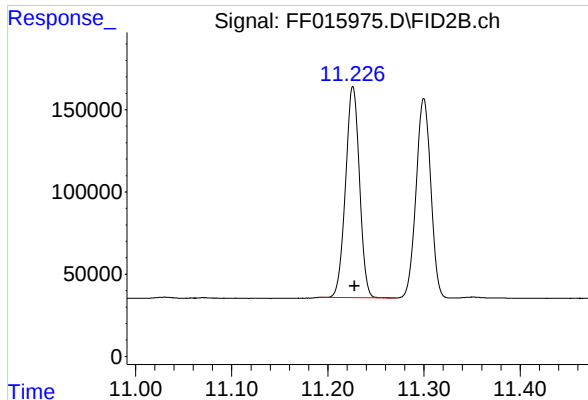
#7 Acenaphthene (C15.5)

R.T.: 9.033 min
Delta R.T.: -0.001 min
Response: 1304032
Conc: 10.14 ug/ml



#8 Flouorene (C16.55)

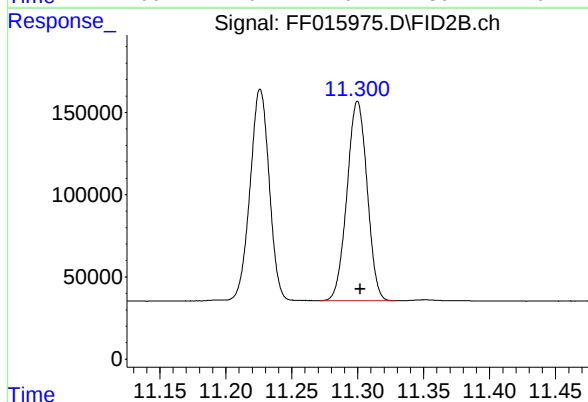
R.T.: 9.820 min
Delta R.T.: -0.001 min
Response: 1299499
Conc: 10.15 ug/ml



#9 Phenanthrene (C19.36)

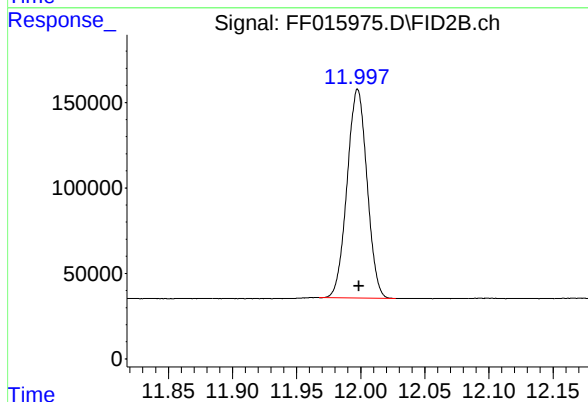
R.T.: 11.226 min
Delta R.T.: -0.002 min
Response: 1296862
Conc: 10.18 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



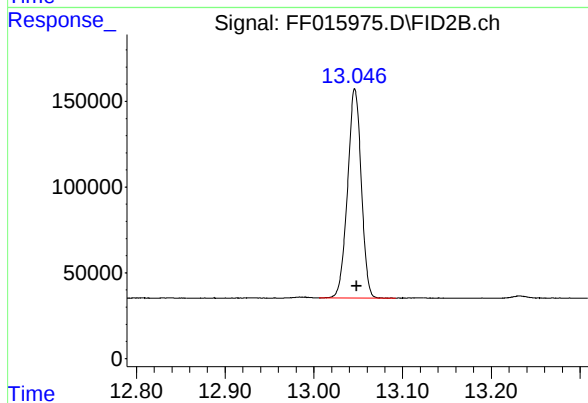
#10 Anthracene (C19.43)

R.T.: 11.300 min
Delta R.T.: -0.002 min
Response: 1291413
Conc: 10.15 ug/ml



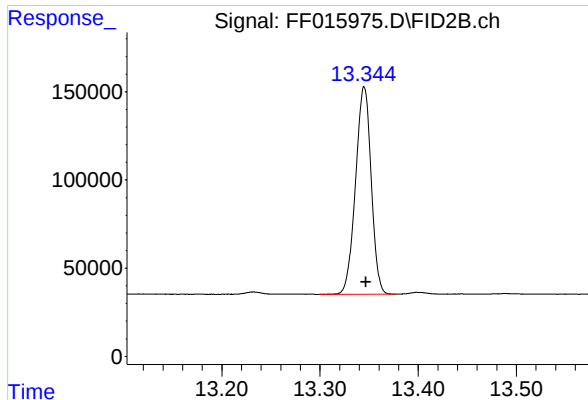
#11 ortho-Terphenyl (SURRE)

R.T.: 11.998 min
Delta R.T.: -0.001 min
Response: 1321156
Conc: 10.14 ug/ml



#12 Fluoranthene (C21.85)

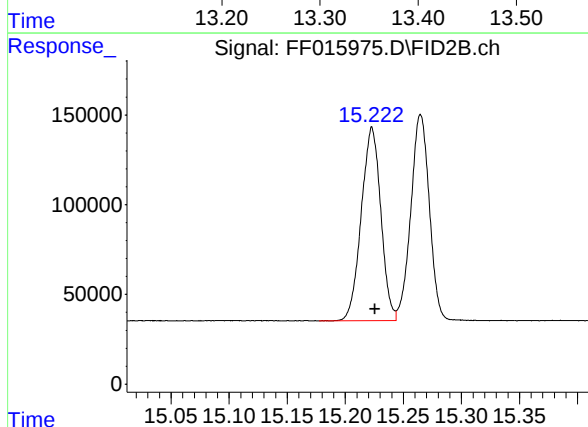
R.T.: 13.046 min
Delta R.T.: -0.002 min
Response: 1311092
Conc: 10.20 ug/ml



#13 Pyrene (C20.8)

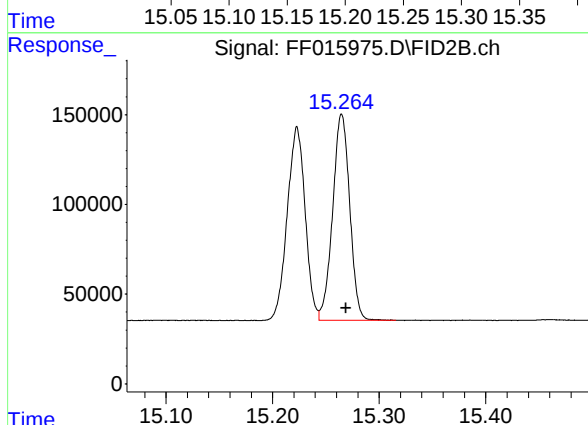
R.T.: 13.345 min
Delta R.T.: -0.002 min
Response: 1299052
Conc: 10.20 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



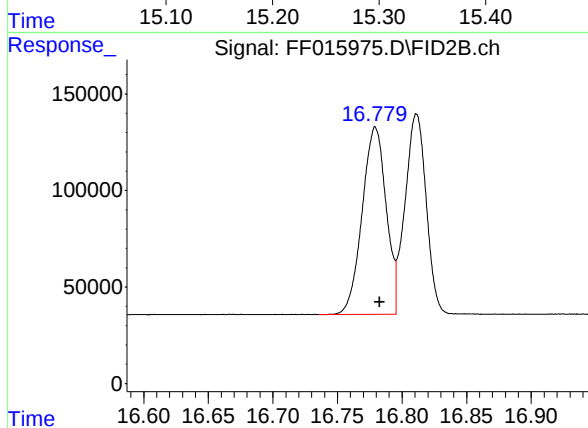
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.223 min
Delta R.T.: -0.003 min
Response: 1262270
Conc: 10.17 ug/ml



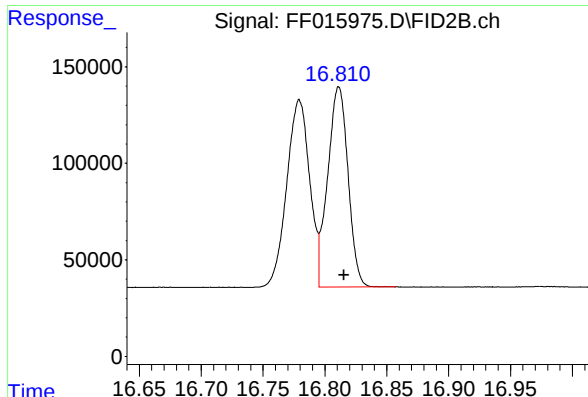
#15 Chrysene (C27.41)

R.T.: 15.265 min
Delta R.T.: -0.004 min
Response: 1280243
Conc: 10.20 ug/ml



#16 benzo[b]fluoranthene (C30.41)

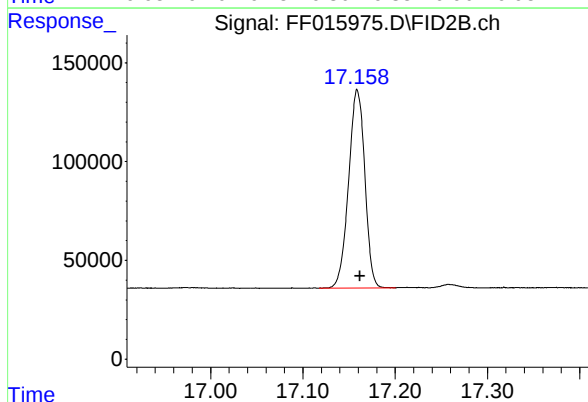
R.T.: 16.779 min
Delta R.T.: -0.003 min
Response: 1252467
Conc: 10.15 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

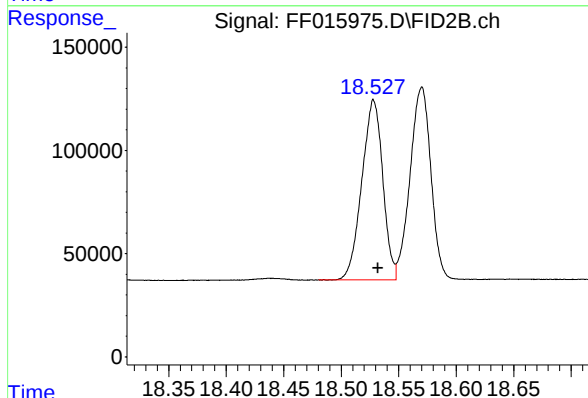
R.T.: 16.811 min
Delta R.T.: -0.004 min
Response: 1186880
Conc: 10.19 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



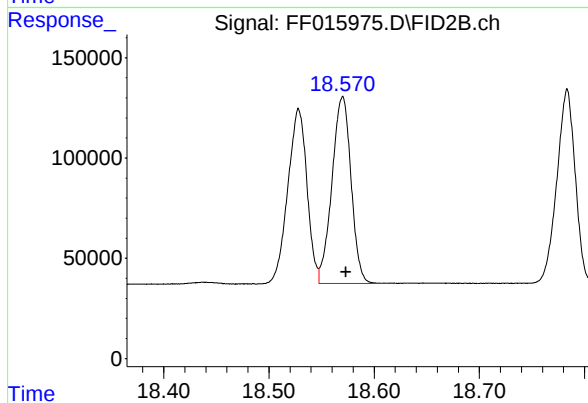
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.159 min
Delta R.T.: -0.003 min
Response: 1223820
Conc: 10.17 ug/ml



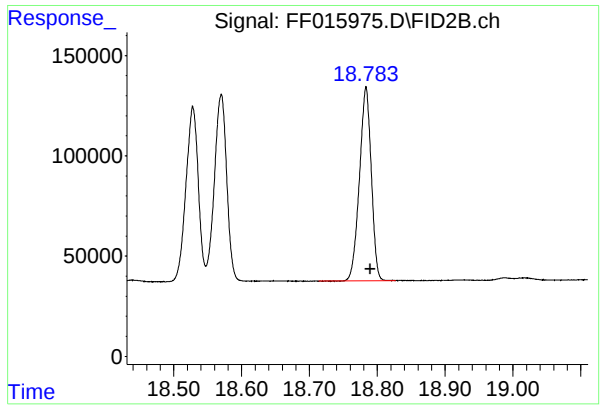
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.528 min
Delta R.T.: -0.004 min
Response: 1102891
Conc: 10.13 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.570 min
Delta R.T.: -0.003 min
Response: 1177038
Conc: 10.25 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.783 min
Delta R.T.: -0.007 min
Response: 1167537
Conc: 10.18 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
Data File : FF015975.D
Signal(s) : FID2B.ch
Acq On : 13 Jun 2025 18:58
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.662	4.634	4.706	BB	124457	1235745	93.48%	4.776%
2	6.333	6.302	6.364	BB	138761	1304579	98.69%	5.042%
3	7.430	7.392	7.474	BB	137243	1321961	100.00%	5.110%
4	8.059	8.014	8.097	BB	115739	1135736	85.91%	4.390%
5	8.734	8.697	8.801	BB	134395	1321503	99.97%	5.108%
6	8.932	8.899	8.959	BB	78953	776002	58.70%	2.999%
7	9.033	9.002	9.076	BB	132527	1304032	98.64%	5.040%
8	9.820	9.782	9.861	BB	128389	1299499	98.30%	5.023%
9	11.226	11.191	11.271	BV	128507	1296862	98.10%	5.013%
10	11.300	11.271	11.329	PV	121514	1291413	97.69%	4.992%
11	11.998	11.967	12.027	BB	122475	1321156	99.94%	5.107%
12	13.046	13.006	13.092	BB	122055	1311092	99.18%	5.068%
13	13.345	13.299	13.377	BV	117662	1299052	98.27%	5.021%
14	15.223	15.177	15.244	BV	107853	1262270	95.48%	4.879%
15	15.265	15.244	15.316	VB	115039	1280243	96.84%	4.948%
16	16.779	16.736	16.795	BV	97255	1252467	94.74%	4.841%
17	16.811	16.795	16.857	VB	103836	1186880	89.78%	4.588%
18	17.159	17.117	17.201	BB	100265	1223820	92.58%	4.730%
19	18.528	18.481	18.548	BV	87266	1102891	83.43%	4.263%
20	18.570	18.548	18.621	VB	92894	1177038	89.04%	4.550%
21	18.783	18.714	18.827	BB	97202	1167537	88.32%	4.513%
Sum of corrected areas:						25871776		

Aromatic EPH 061325.M Mon Jun 16 04:52:10 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015976.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 19:28
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 16 04:32:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:30:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.058	633124	5.673 ug/ml
Spiked Amount 50.000		Recovery =	11.35%
6) S 2-Fluorobiphenyl (SURR)	8.932	430280	5.615 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.23%
11) S ortho-Terphenyl (SURR)	11.997	730929	5.609 ug/ml
Spiked Amount 50.000		Recovery =	11.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.662	686187	5.624 ug/ml
2) T Naphthalene (C11.7)	6.333	727262	5.646 ug/ml
3) T 2-Methylnaphthalene (...)	7.429	733261	5.617 ug/ml
5) T Acenaphthylene (C15.06)	8.733	738679	5.701 ug/ml
7) T Acenaphthene (C15.5)	9.032	723061	5.624 ug/ml
8) T Fluorene (C16.55)	9.820	720793	5.629 ug/ml
9) T Phenanthrene (C19.36)	11.225	719025	5.643 ug/ml
10) T Anthracene (C19.43)	11.300	714239	5.615 ug/ml
12) T Fluoranthene (C21.85)	13.045	726265	5.650 ug/ml
13) T Pyrene (C20.8)	13.344	717926	5.634 ug/ml
14) T Benzo[a]anthracene (C...	15.222	691361	5.568 ug/ml
15) T Chrysene (C27.41)	15.263	703683	5.606 ug/ml
16) T benzo[b]fluoranthene ...	16.777	685945	5.560 ug/ml
17) T Bnezo[k]fluoranthene ...	16.808	650420	5.582 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.156	670206	5.571 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.526	605026	5.556 ug/ml
20) T Dibenz[a,h]anthracene...	18.569	647451	5.638 ug/ml
21) T Benzo[g,h,i]perylene ...	18.781	640071	5.583 ug/ml

(f)=RT Delta > 1/2 Window

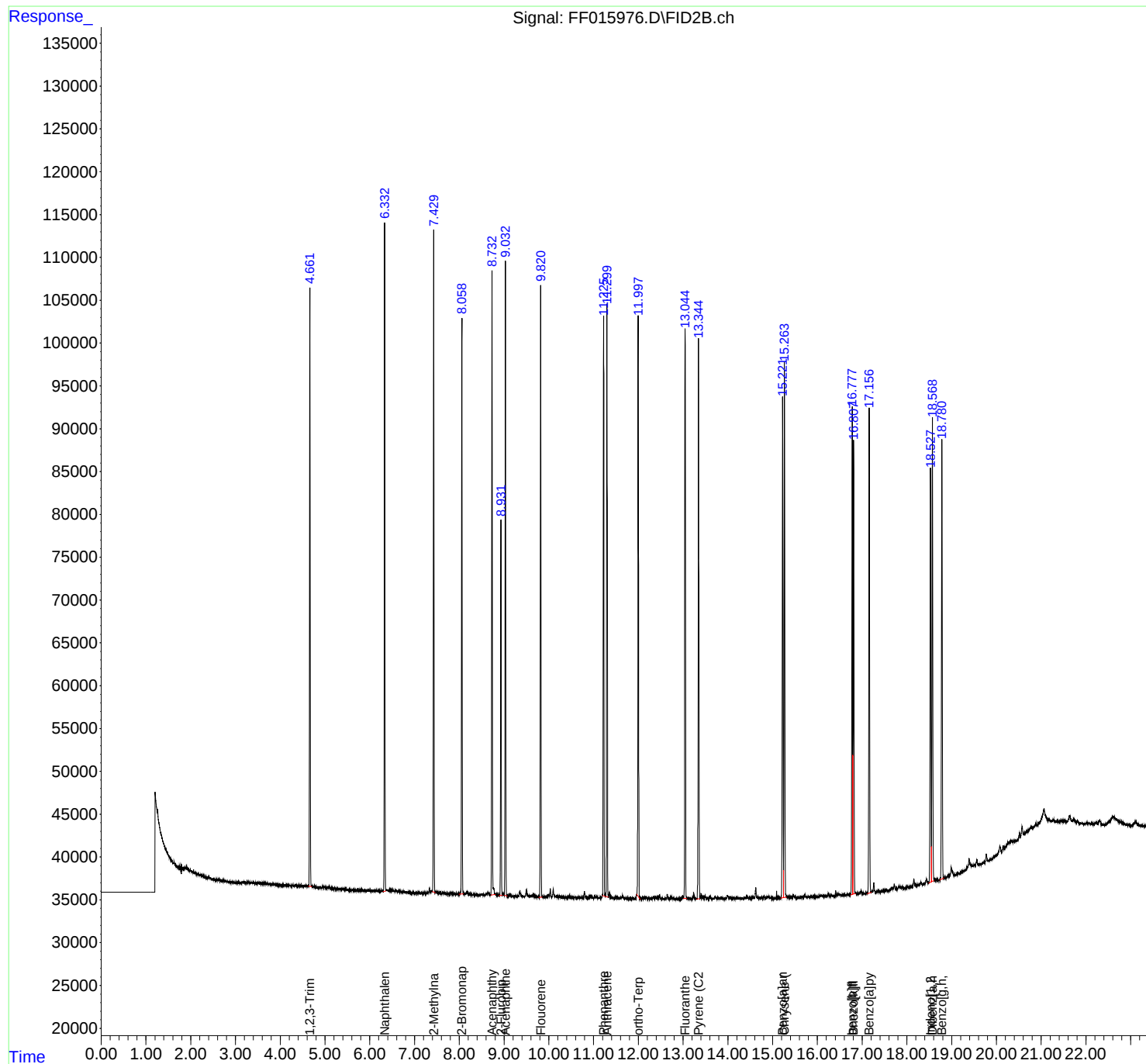
(m)=manual int.

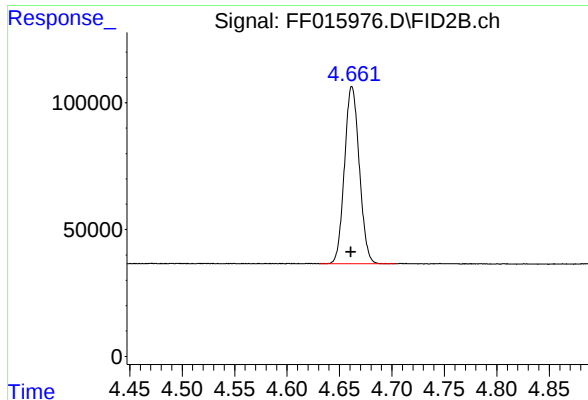
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
Data File : FF015976.D
Signal(s) : FID2B.ch
Acq On : 13 Jun 2025 19:28
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: Jun 16 04:32:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 04:30:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

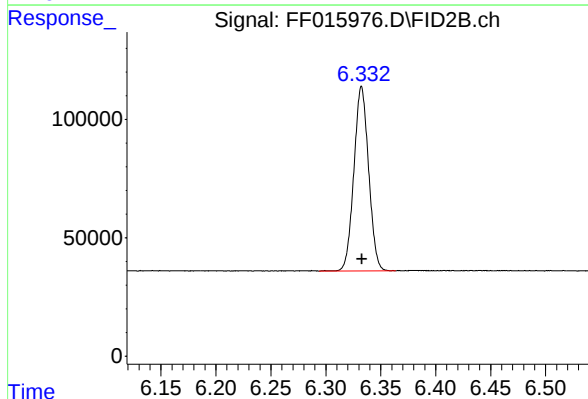




#1 1,2,3-Trimethylbenzene (C10.1)

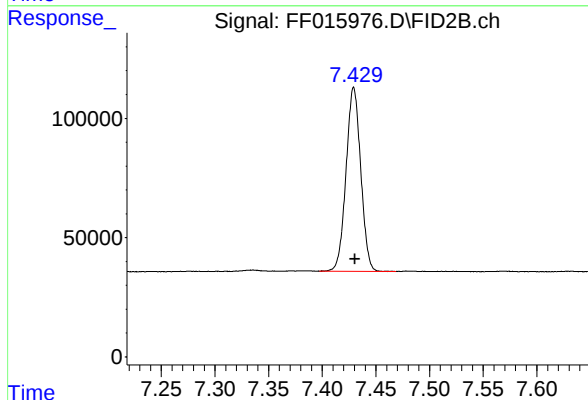
R.T.: 4.662 min
Delta R.T.: 0.001 min
Response: 686187
Conc: 5.62 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



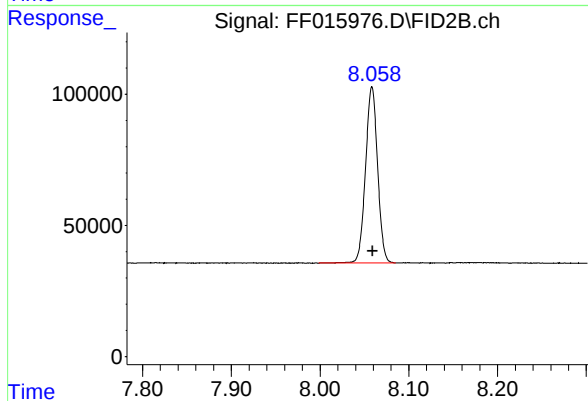
#2 Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 727262
Conc: 5.65 ug/ml



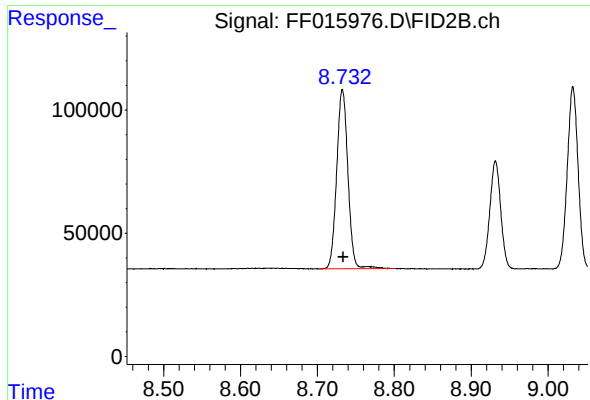
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.429 min
Delta R.T.: 0.000 min
Response: 733261
Conc: 5.62 ug/ml



#4 2-Bromonaphthalene (SURR)

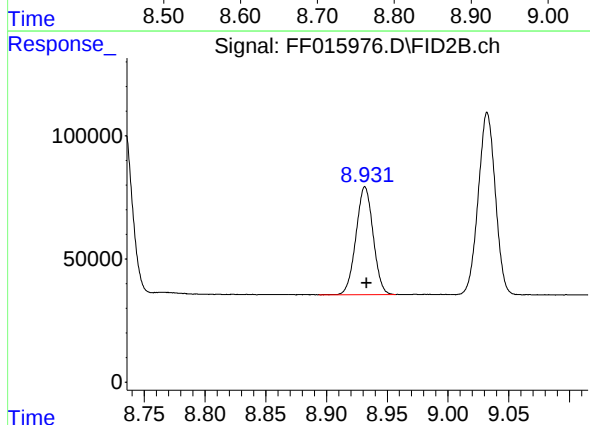
R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 633124
Conc: 5.67 ug/ml



#5 Acenaphthylene (C15.06)

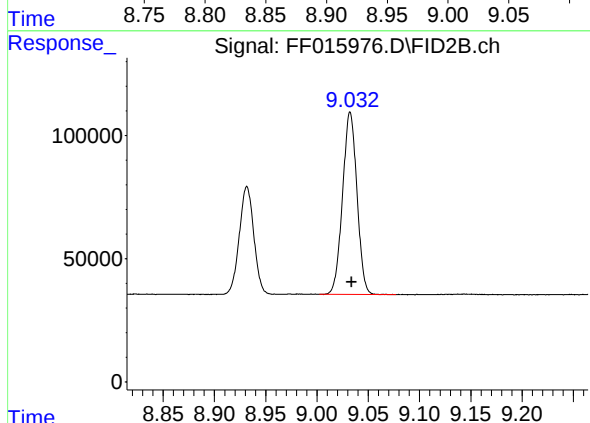
R.T.: 8.733 min
Delta R.T.: -0.001 min
Response: 738679
Conc: 5.70 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



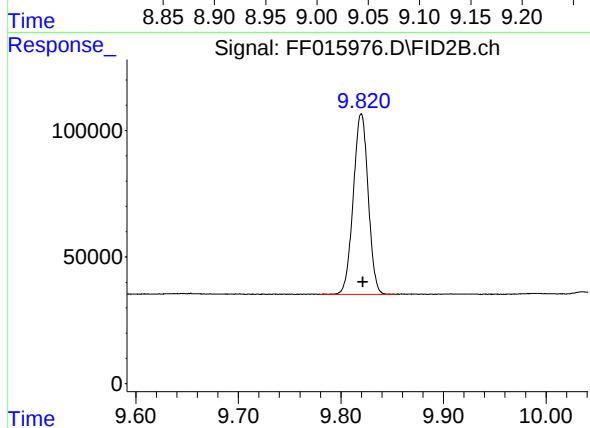
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.932 min
Delta R.T.: -0.001 min
Response: 430280
Conc: 5.62 ug/ml



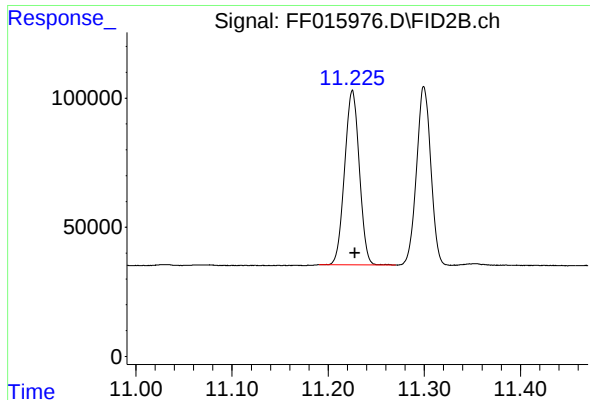
#7 Acenaphthene (C15.5)

R.T.: 9.032 min
Delta R.T.: -0.001 min
Response: 723061
Conc: 5.62 ug/ml



#8 Fluorene (C16.55)

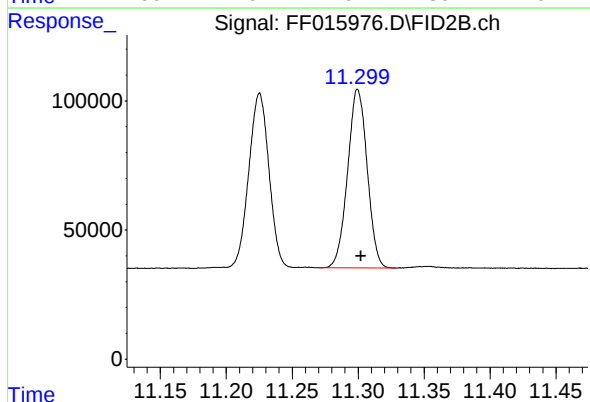
R.T.: 9.820 min
Delta R.T.: -0.002 min
Response: 720793
Conc: 5.63 ug/ml



#9 Phenanthrene (C19.36)

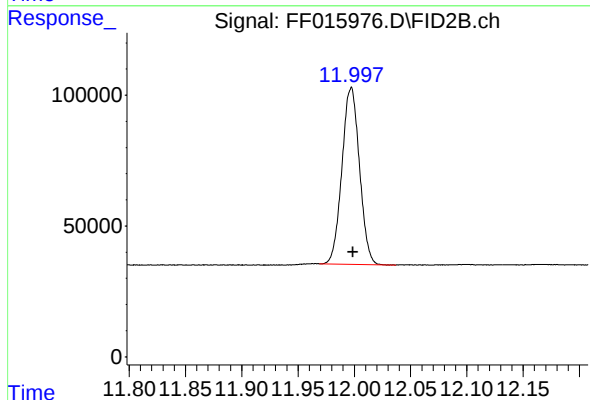
R.T.: 11.225 min
Delta R.T.: -0.002 min
Response: 719025
Conc: 5.64 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



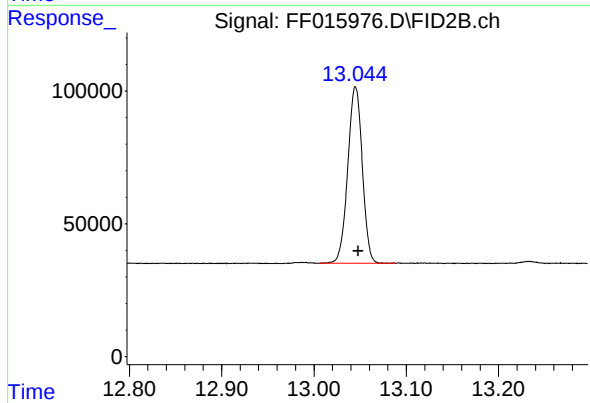
#10 Anthracene (C19.43)

R.T.: 11.300 min
Delta R.T.: -0.002 min
Response: 714239
Conc: 5.61 ug/ml



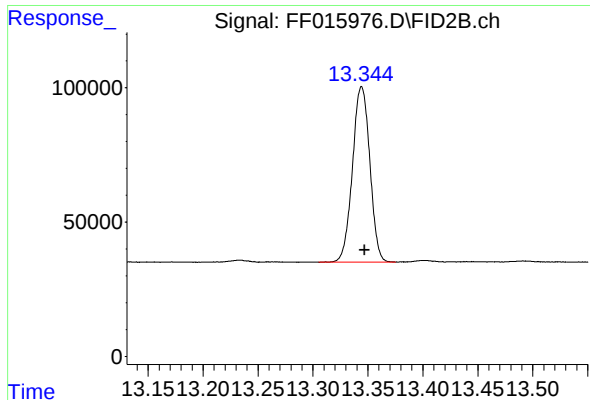
#11 ortho-Terphenyl (SURRE)

R.T.: 11.997 min
Delta R.T.: -0.002 min
Response: 730929
Conc: 5.61 ug/ml



#12 Fluoranthene (C21.85)

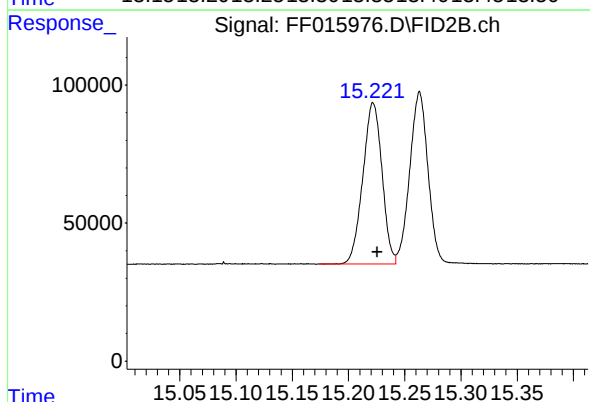
R.T.: 13.045 min
Delta R.T.: -0.003 min
Response: 726265
Conc: 5.65 ug/ml



#13 Pyrene (C20.8)

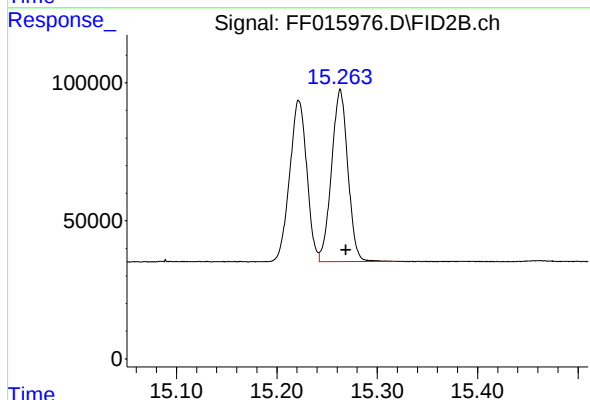
R.T.: 13.344 min
Delta R.T.: -0.003 min
Response: 717926
Conc: 5.63 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



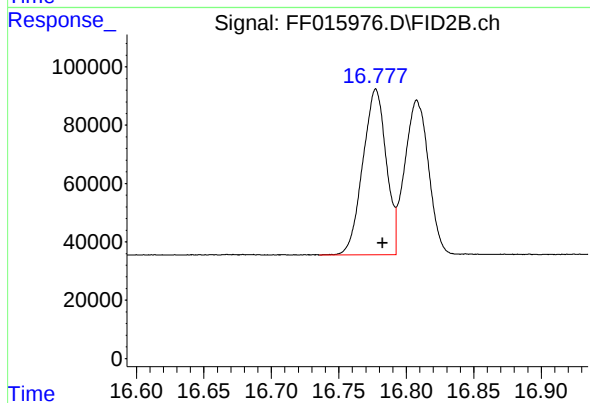
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.222 min
Delta R.T.: -0.004 min
Response: 691361
Conc: 5.57 ug/ml



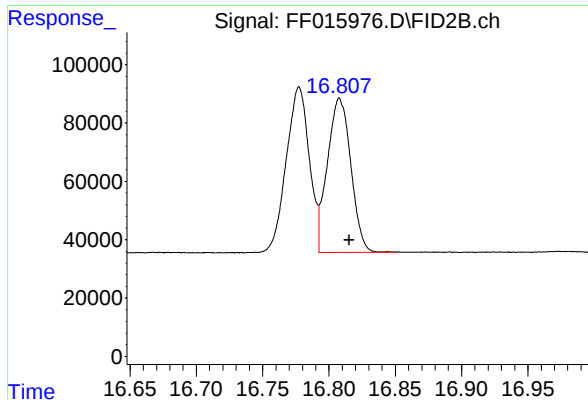
#15 Chrysene (C27.41)

R.T.: 15.263 min
Delta R.T.: -0.006 min
Response: 703683
Conc: 5.61 ug/ml



#16 benzo[b]fluoranthene (C30.41)

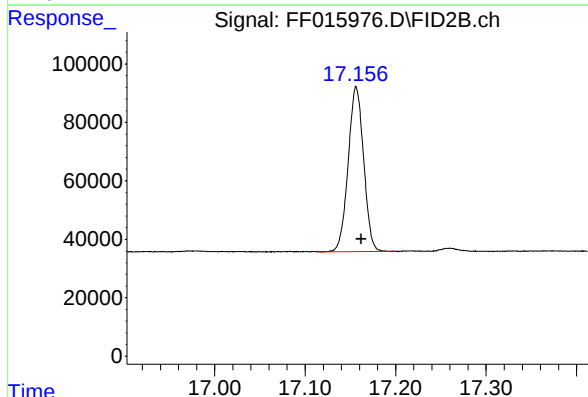
R.T.: 16.777 min
Delta R.T.: -0.005 min
Response: 685945
Conc: 5.56 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

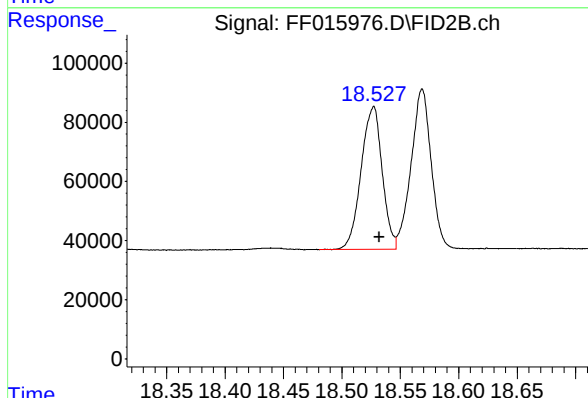
R.T.: 16.808 min
Delta R.T.: -0.007 min
Response: 650420
Conc: 5.58 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



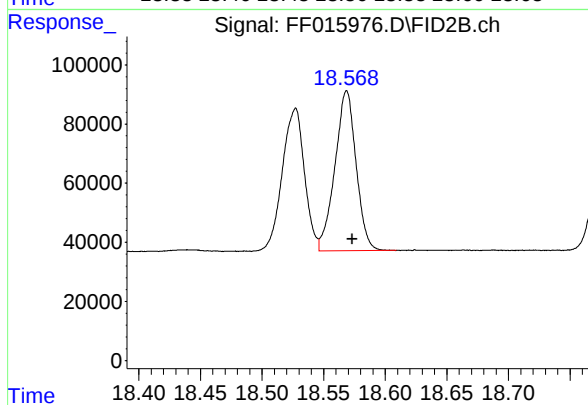
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.156 min
Delta R.T.: -0.005 min
Response: 670206
Conc: 5.57 ug/ml



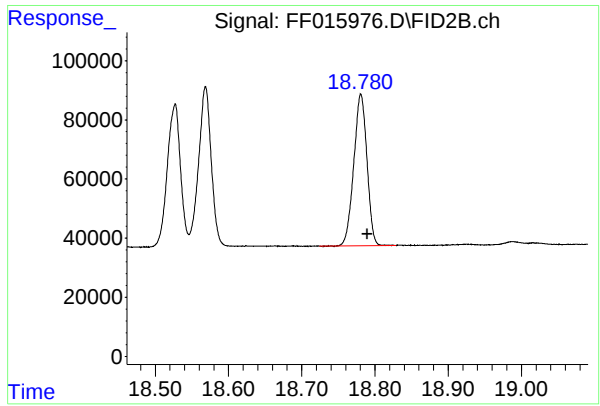
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.526 min
Delta R.T.: -0.005 min
Response: 605026
Conc: 5.56 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.569 min
Delta R.T.: -0.005 min
Response: 647451
Conc: 5.64 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.781 min
Delta R.T.: -0.009 min
Response: 640071
Conc: 5.58 ug/ml

Instrument :

FID_F

ClientSampleId :

5 PPM AROMATIC HC STD5

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015976.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 19:28
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.662	4.630	4.704	BB	69697	686187	92.89%	4.800%
2	6.333	6.294	6.364	BB	77892	727262	98.45%	5.087%
3	7.429	7.397	7.469	BB	77128	733261	99.27%	5.129%
4	8.058	7.999	8.085	BB	67317	633124	85.71%	4.429%
5	8.733	8.702	8.802	BB	72834	738679	100.00%	5.167%
6	8.932	8.894	8.957	BB	43803	430280	58.25%	3.010%
7	9.032	9.002	9.077	BB	73963	723061	97.89%	5.058%
8	9.820	9.779	9.854	BB	71524	720793	97.58%	5.042%
9	11.225	11.190	11.270	BV	67663	719025	97.34%	5.030%
10	11.300	11.270	11.329	PV	68849	714239	96.69%	4.996%
11	11.997	11.969	12.037	BB	67366	730929	98.95%	5.113%
12	13.045	13.005	13.089	BB	66408	726265	98.32%	5.080%
13	13.344	13.305	13.375	BV	65313	717926	97.19%	5.022%
14	15.222	15.174	15.242	BV	58320	691361	93.59%	4.836%
15	15.263	15.242	15.319	VB	62544	703683	95.26%	4.923%
16	16.777	16.735	16.792	BV	56793	685945	92.86%	4.798%
17	16.808	16.792	16.850	VB	52550	650420	88.05%	4.550%
18	17.156	17.115	17.200	BB	56279	670206	90.73%	4.688%
19	18.527	18.480	18.546	BV	48423	605026	81.91%	4.232%
20	18.569	18.546	18.609	VB	54161	647451	87.65%	4.529%
21	18.781	18.724	18.829	BB	51355	640071	86.65%	4.478%
Sum of corrected areas:						14295192		

Aromatic EPH 061325.M Mon Jun 16 04:52:27 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015977.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 19:57
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 16 04:42:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:40:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.059	2161191	19.033 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
6) S 2-Fluorobiphenyl (SURR)	8.933	1482421	19.044 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.09%
11) S ortho-Terphenyl (SURR)	11.998	2520302	19.051 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.661	2361550	19.074 ug/ml
2) T Naphthalene (C11.7)	6.332	2495197	19.067 ug/ml
3) T 2-Methylnaphthalene (...)	7.430	2528021	19.078 ug/ml
5) T Acenaphthylene (C15.06)	8.734	2509214	19.015 ug/ml
7) T Acenaphthene (C15.5)	9.034	2488323	19.056 ug/ml
8) T Fluorene (C16.55)	9.822	2476819	19.041 ug/ml
9) T Phenanthrene (C19.36)	11.227	2465772	19.014 ug/ml
10) T Anthracene (C19.43)	11.302	2458960	19.040 ug/ml
12) T Fluoranthene (C21.85)	13.047	2487098	19.036 ug/ml
13) T Pyrene (C20.8)	13.347	2466972	19.029 ug/ml
14) T Benzo[a]anthracene (C...	15.225	2398516	19.024 ug/ml
15) T Chrysene (C27.41)	15.268	2427224	19.018 ug/ml
16) T benzo[b]fluoranthene ...	16.783	2378117	18.988 ug/ml
17) T Bnezo[k]fluoranthene ...	16.815	2248458	18.976 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.163	2320365	18.988 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.532	2100146	18.827 ug/ml
20) T Dibenz[a,h]anthracene...	18.574	2220369	19.070 ug/ml
21) T Benzo[g,h,i]perylene ...	18.789	2211336	19.000 ug/ml

(f)=RT Delta > 1/2 Window

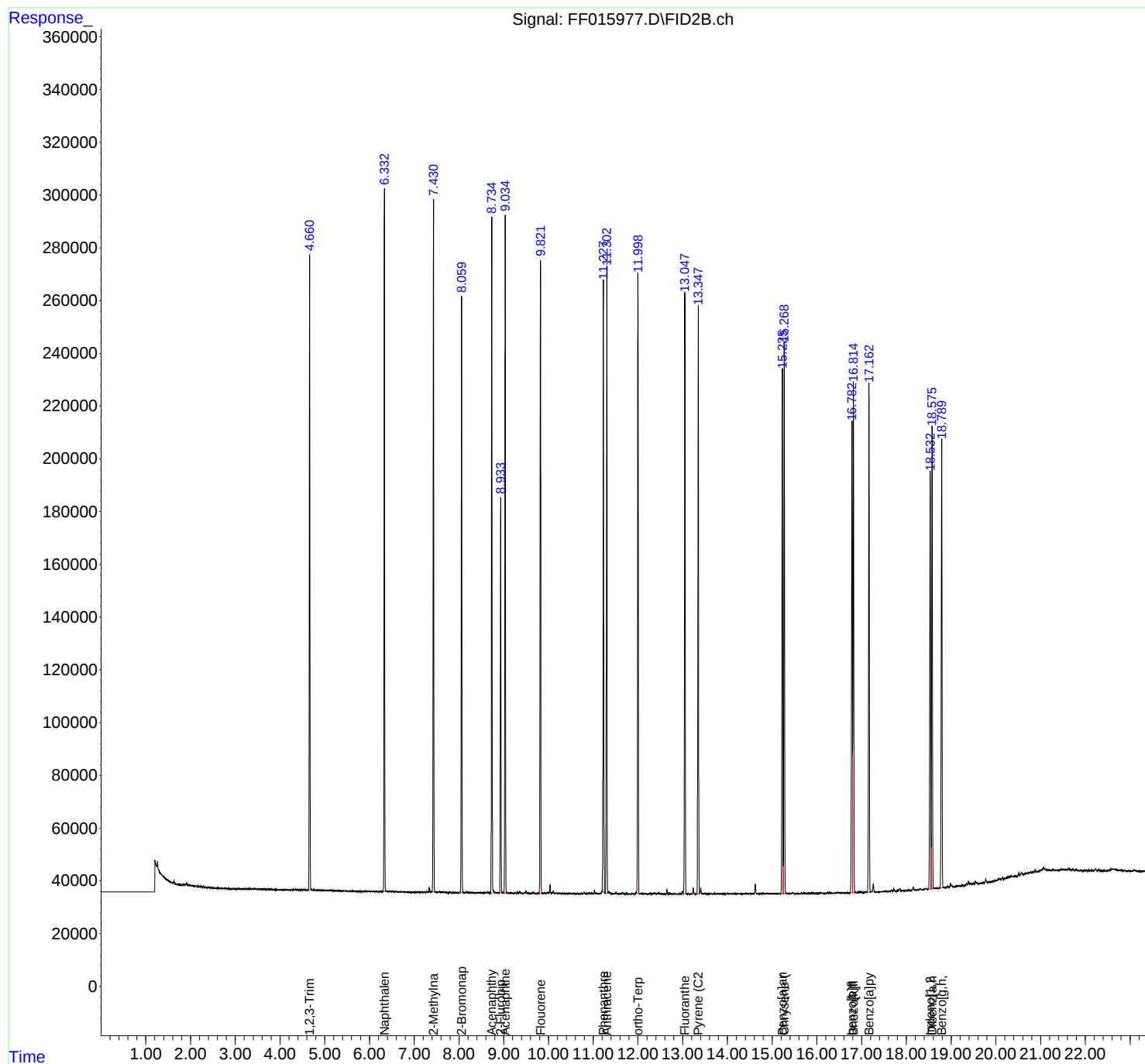
(m)=manual int.

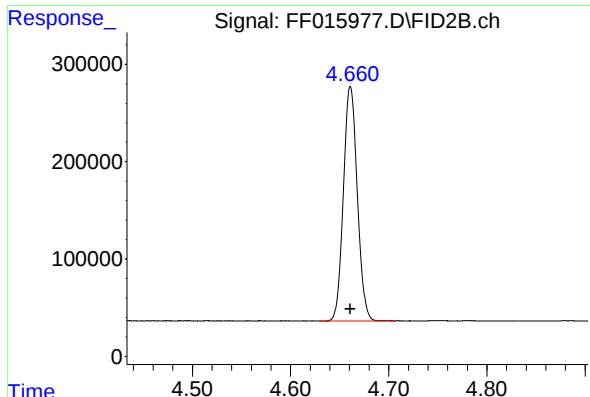
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
Data File : FF015977.D
Signal(s) : FID2B.ch
Acq On : 13 Jun 2025 19:57
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jun 16 04:42:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 04:40:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





#1 1,2,3-Trimethylbenzene (C10.1)

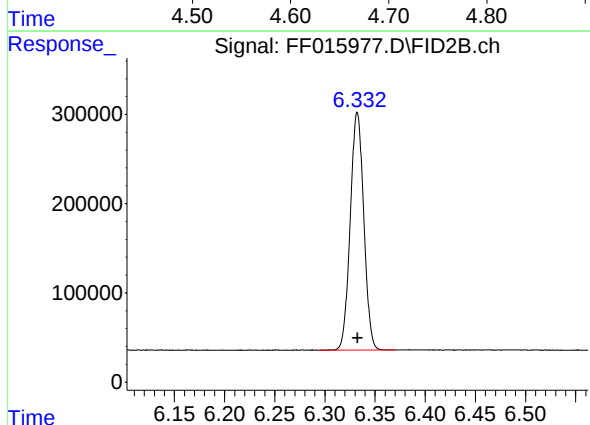
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 2361550
Conc: 19.07 ug/ml

Instrument :

FID_F

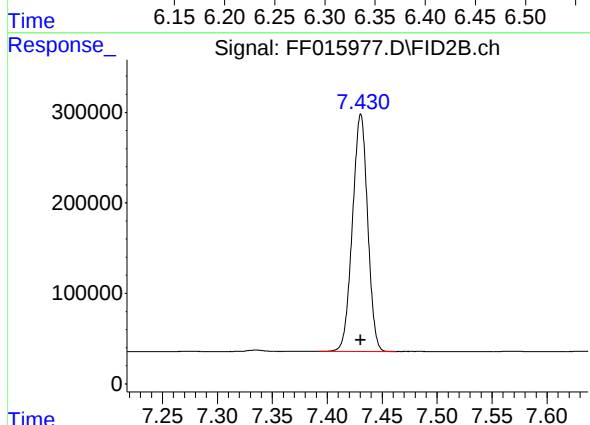
ClientSampleId :

20 PPM AROMATIC HC STD ICV



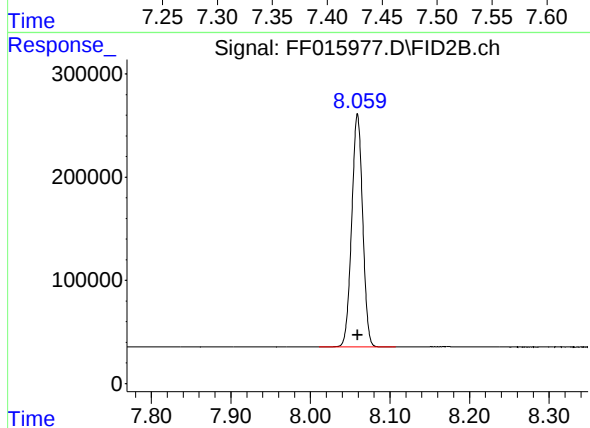
#2 Naphthalene (C11.7)

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 2495197
Conc: 19.07 ug/ml



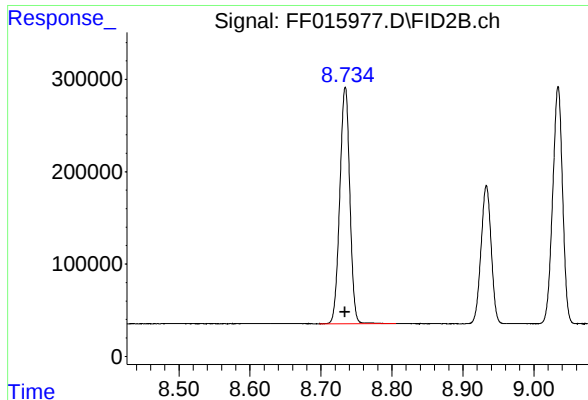
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 2528021
Conc: 19.08 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 2161191
Conc: 19.03 ug/ml



#5 Acenaphthylene (C15.06)

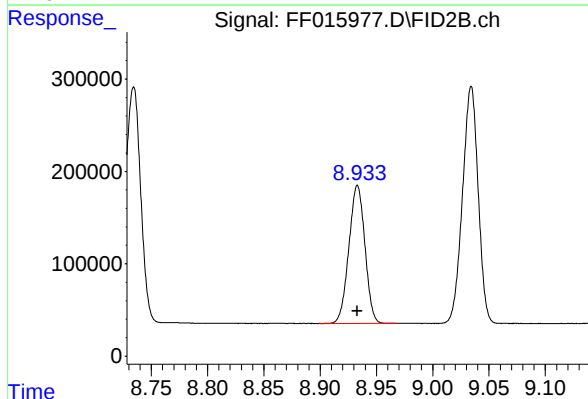
R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 2509214
Conc: 19.01 ug/ml

Instrument :

FID_F

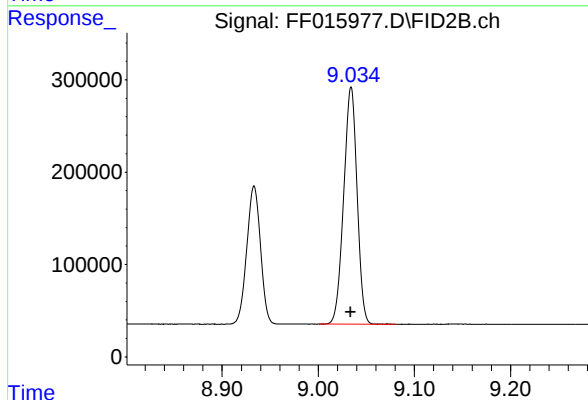
ClientSampleId :

20 PPM AROMATIC HC STD ICV



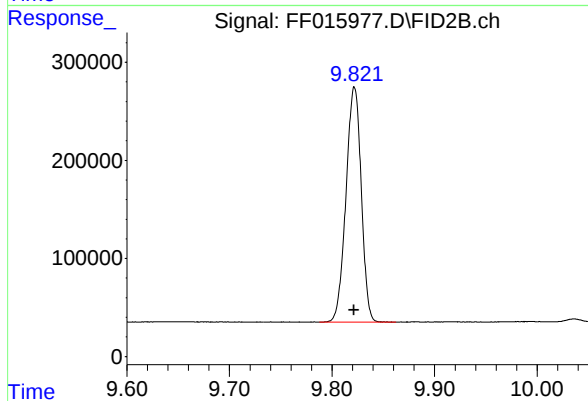
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.933 min
Delta R.T.: 0.000 min
Response: 1482421
Conc: 19.04 ug/ml



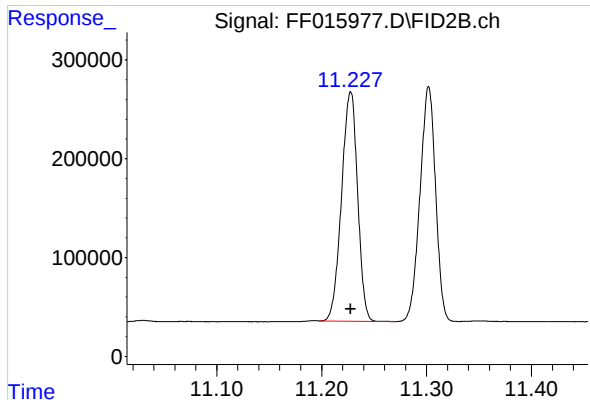
#7 Acenaphthene (C15.5)

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 2488323
Conc: 19.06 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.822 min
Delta R.T.: 0.000 min
Response: 2476819
Conc: 19.04 ug/ml



#9 Phenanthrene (C19.36)

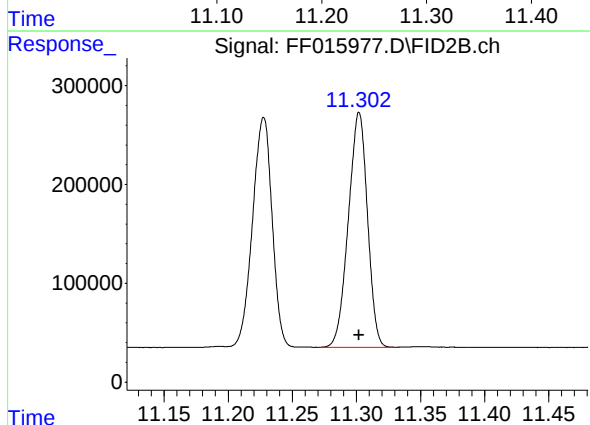
R.T.: 11.227 min
Delta R.T.: 0.000 min
Response: 2465772
Conc: 19.01 ug/ml

Instrument :

FID_F

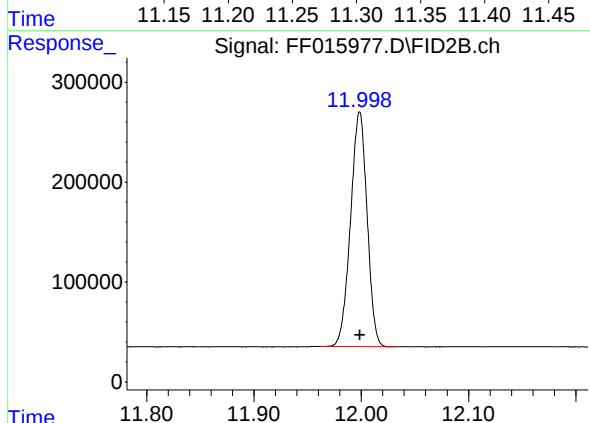
ClientSampleId :

20 PPM AROMATIC HC STD ICV



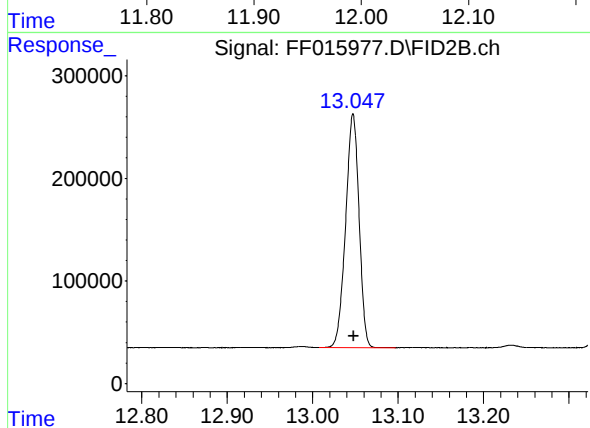
#10 Anthracene (C19.43)

R.T.: 11.302 min
Delta R.T.: 0.000 min
Response: 2458960
Conc: 19.04 ug/ml



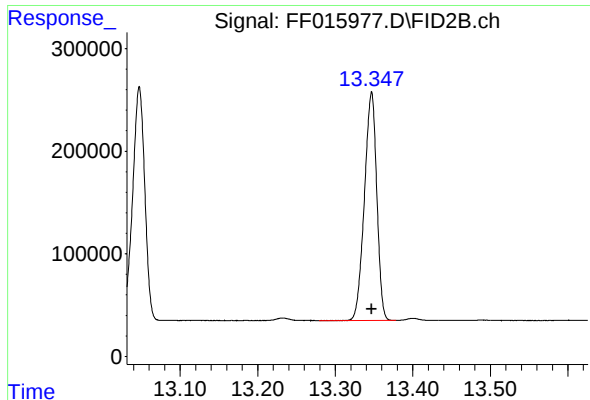
#11 ortho-Terphenyl (SURR)

R.T.: 11.998 min
Delta R.T.: 0.000 min
Response: 2520302
Conc: 19.05 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.047 min
Delta R.T.: 0.000 min
Response: 2487098
Conc: 19.04 ug/ml



#13 Pyrene (C20.8)

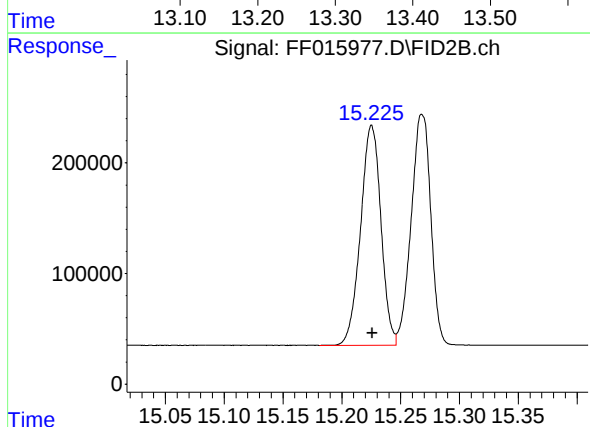
R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 2466972
Conc: 19.03 ug/ml

Instrument :

FID_F

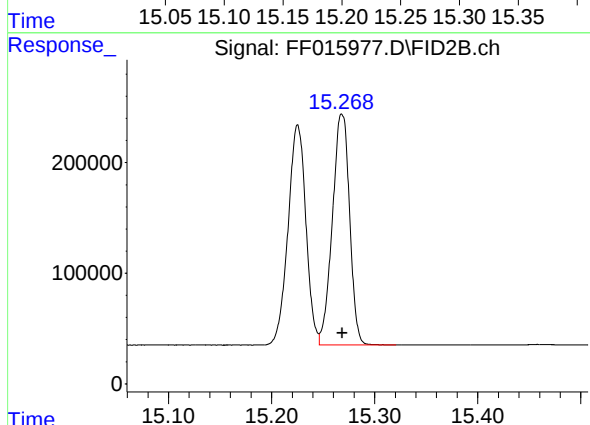
ClientSampleId :

20 PPM AROMATIC HC STD ICV



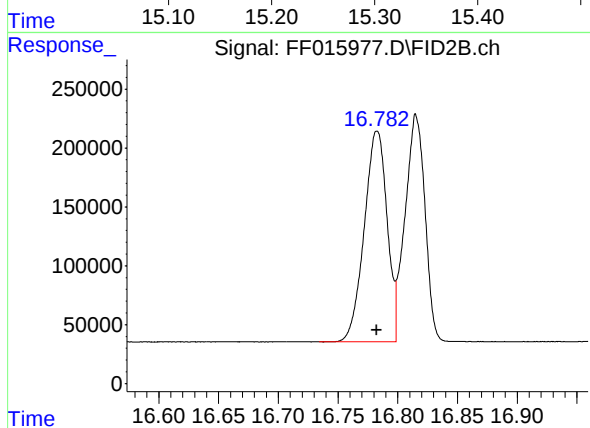
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.225 min
Delta R.T.: 0.000 min
Response: 2398516
Conc: 19.02 ug/ml



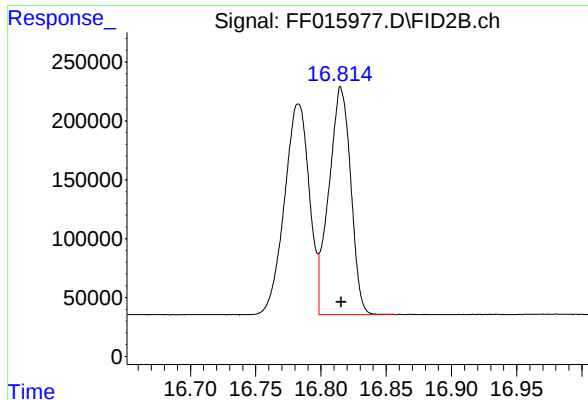
#15 Chrysene (C27.41)

R.T.: 15.268 min
Delta R.T.: 0.000 min
Response: 2427224
Conc: 19.02 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.783 min
Delta R.T.: 0.000 min
Response: 2378117
Conc: 18.99 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

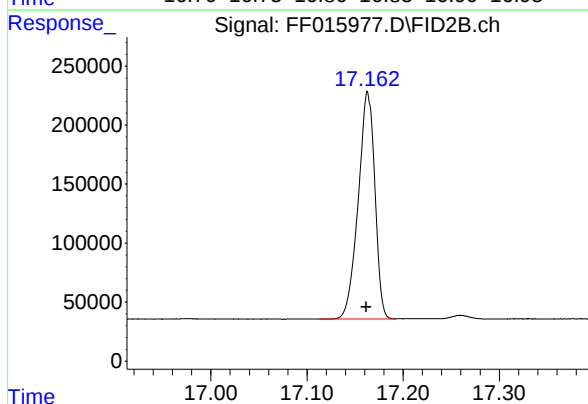
R.T.: 16.815 min
Delta R.T.: 0.000 min
Response: 2248458
Conc: 18.98 ug/ml

Instrument :

FID_F

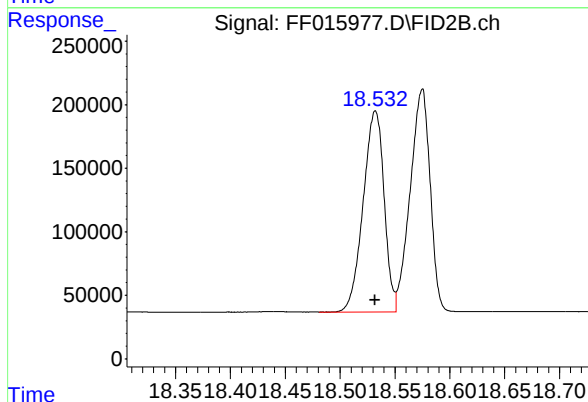
ClientSampleId :

20 PPM AROMATIC HC STD ICV



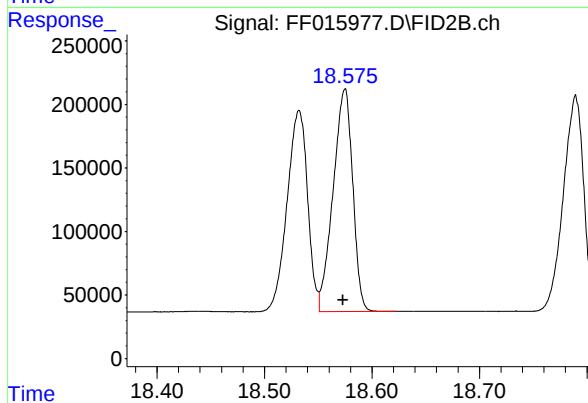
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.163 min
Delta R.T.: 0.001 min
Response: 2320365
Conc: 18.99 ug/ml



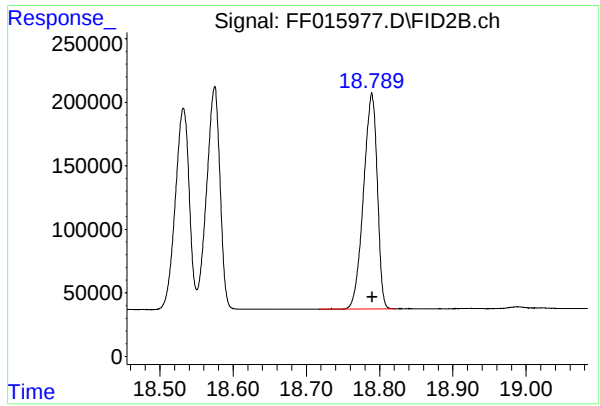
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.532 min
Delta R.T.: 0.000 min
Response: 2100146
Conc: 18.83 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.574 min
Delta R.T.: 0.001 min
Response: 2220369
Conc: 19.07 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.789 min
Delta R.T.: 0.000 min
Response: 2211336
Conc: 19.00 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD ICV

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
Data File : FF015977.D
Signal(s) : FID2B.ch
Acq On : 13 Jun 2025 19:57
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.661	4.629	4.707	BB	240599	2361550	93.41%	4.799%
2	6.332	6.294	6.371	BB	266392	2495197	98.70%	5.071%
3	7.430	7.392	7.462	BB	263013	2528021	100.00%	5.138%
4	8.059	8.011	8.107	BB	225649	2161191	85.49%	4.392%
5	8.734	8.697	8.806	BB	256436	2509214	99.26%	5.099%
6	8.933	8.899	8.967	BB	149481	1482421	58.64%	3.013%
7	9.034	9.001	9.081	BB	257364	2488323	98.43%	5.057%
8	9.822	9.787	9.862	BB	239622	2476819	97.97%	5.034%
9	11.227	11.197	11.271	BV	232660	2465772	97.54%	5.011%
10	11.302	11.271	11.331	PV	238338	2458960	97.27%	4.997%
11	11.998	11.961	12.032	BB	236189	2520302	99.69%	5.122%
12	13.047	13.007	13.097	BB	228089	2487098	98.38%	5.054%
13	13.347	13.279	13.378	BV	224348	2466972	97.59%	5.014%
14	15.225	15.181	15.246	BV	198916	2398516	94.88%	4.874%
15	15.268	15.246	15.321	VB	208333	2427224	96.01%	4.933%
16	16.783	16.734	16.799	BV	178988	2378117	94.07%	4.833%
17	16.815	16.799	16.857	VB	191670	2248458	88.94%	4.569%
18	17.163	17.112	17.192	BB	192305	2320365	91.79%	4.716%
19	18.532	18.481	18.551	BV	158642	2100146	83.07%	4.268%
20	18.574	18.551	18.622	VB	174807	2220369	87.83%	4.512%
21	18.789	18.717	18.822	BB	169745	2211336	87.47%	4.494%
Sum of corrected areas:							49206371	

Aromatic EPH 061325.M Mon Jun 16 04:52:45 2025