



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Lab Sample ID:	5 PPM AROMATIC HC S	Acq On:	05 May 2023 17:07
Client Sample ID:		Operator:	YP/AJ
Data file:	FD045601.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.251	5.982	2011786.000	10.000	ug/ml
Aromatic C12-C16	5.983	8.598	2936358.000	15.000	ug/ml
Aromatic C16-C21	8.599	12.866	3818182.000	20.000	ug/ml
Aromatic C21-C36	12.867	18.254	6849759.000	45.000	ug/ml
Aromatic EPH	4.251	18.254	15616085.000	90.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050523AR\
 Data File : FD045601.D
 Signal(s) : FID2B.ch
 Acq On : 05 May 2023 17:07
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 05 18:06:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:04:52 2023
 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...	7.542	897014	5.117 ug/ml
Spiked Amount 50.000		Recovery =	10.23%
6) S 2-Fluorobiphenyl (SURR)	8.397	596903	5.049 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.10%
11) S ortho-Terphenyl (SURR)	11.436	1116389	5.171 ug/ml
Spiked Amount 50.000		Recovery =	10.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	981063	5.124 ug/ml
2) T Naphthalene (C11.7)	5.882	1030723	5.099 ug/ml
3) T 2-Methylnaphthalene (...)	6.930	1027977	5.066 ug/ml
5) T Acenaphthylene (C15.06)	8.201	918534	4.946 ug/ml
7) T Acenaphthene (C15.5)	8.496	989847	5.063 ug/ml
8) T Fluorene (C16.55)	9.274	977748	5.040 ug/ml
9) T Phenanthrene (C19.36)	10.665	976005	5.142 ug/ml
10) T Anthracene (C19.43)	10.738	944539	5.177 ug/ml
12) T Fluoranthene (C21.85)	12.468	952670	5.194 ug/ml
13) T Pyrene (C20.8)	12.762	919890	5.135 ug/ml
14) T Benzo[a]anthracene (C...	14.625	832391	5.139 ug/ml
15) T Chrysene (C27.41)	14.666	852370	5.165 ug/ml
16) T benzo[b]fluoranthene ...	16.166	759381	5.089 ug/ml
17) T Bnezo[k]fluoranthene ...	16.196	752748	5.119 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.541	718240	5.097 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.895	642557	5.057 ug/ml
20) T Dibenz[a,h]anthracene...	17.938	674621	5.220 ug/ml
21) T Benzo[g,h,i]perylene ...	18.146	664781	5.159 ug/ml

(f)=RT Delta > 1/2 Window

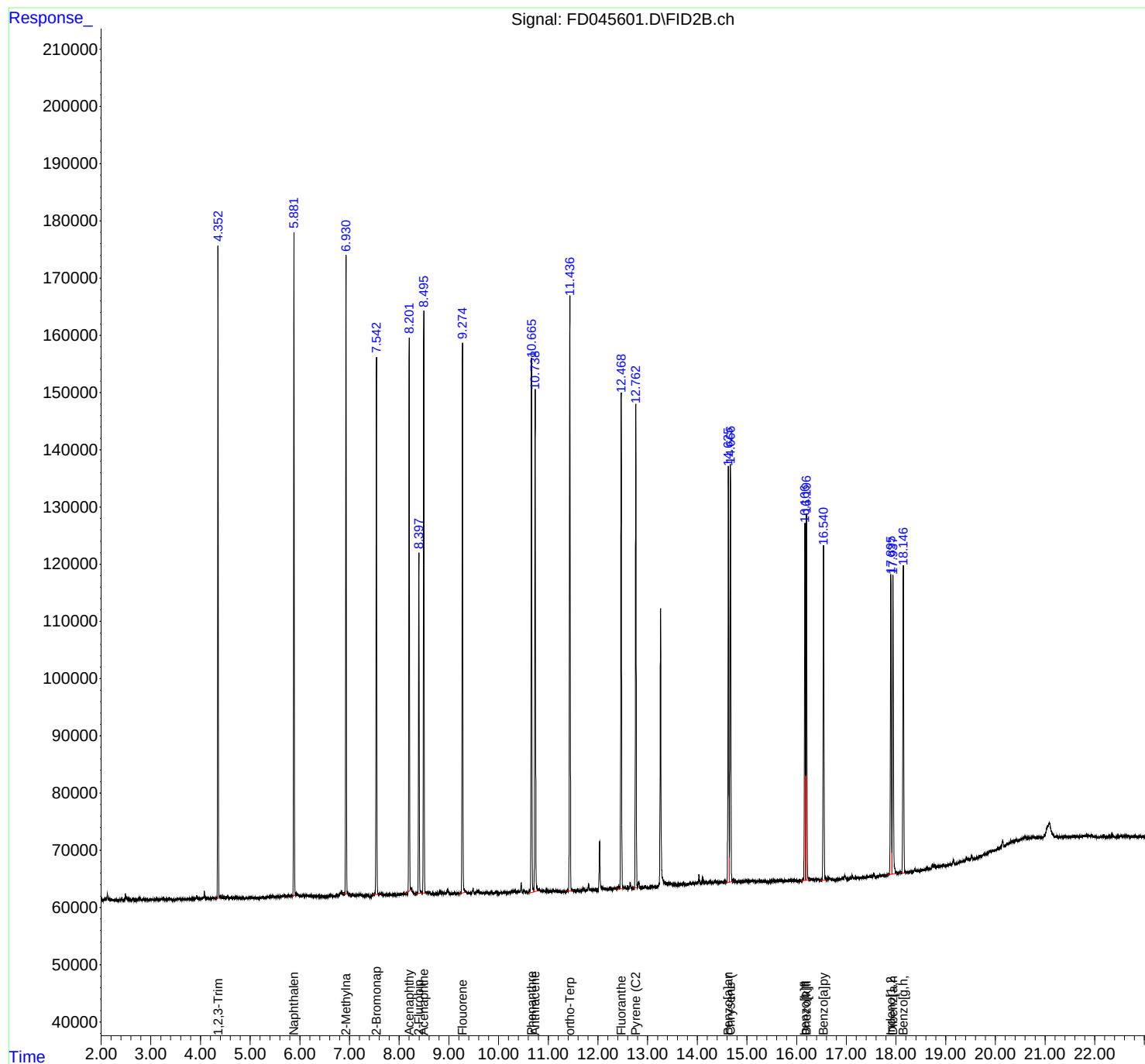
(m)=manual int.

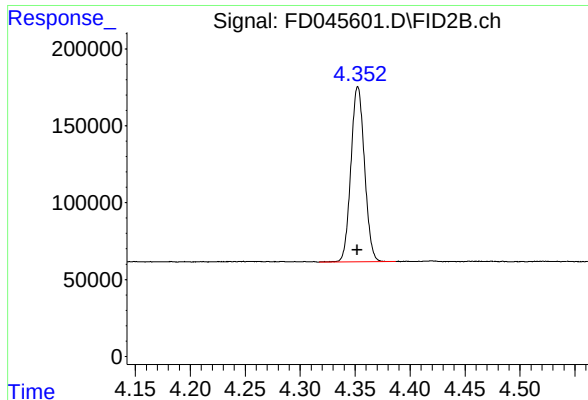
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050523AR\
Data File : FD045601.D
Signal(s) : FID2B.ch
Acq On : 05 May 2023 17:07
Operator : YP/AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: May 05 18:06:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
Quant Title : GC Extractables
QLast Update : Fri May 05 18:04:52 2023
Response via : Initial Calibration
Integrator: ChemStation

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

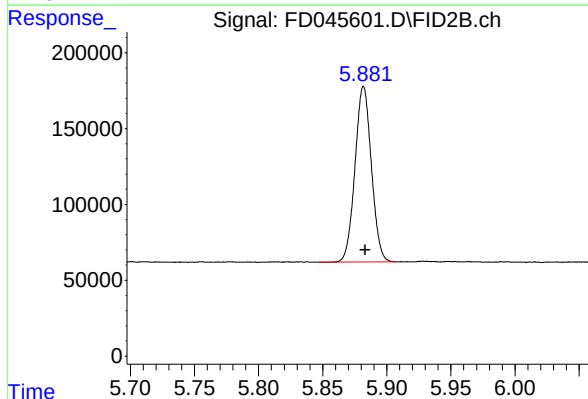




#1 1,2,3-Trimethylbenzene (C10.1)

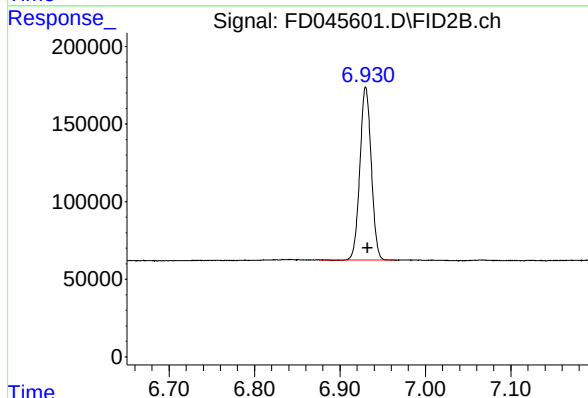
R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 981063
Conc: 5.12 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



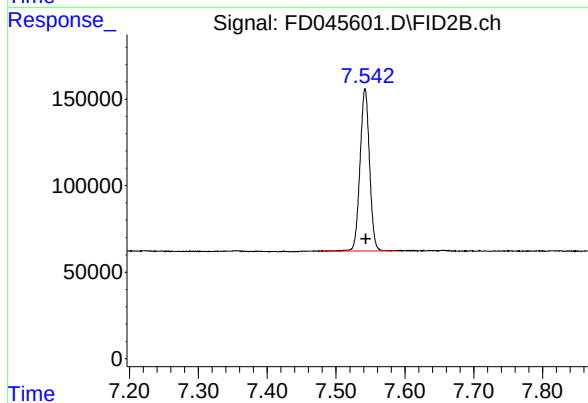
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: -0.001 min
Response: 1030723
Conc: 5.10 ug/ml



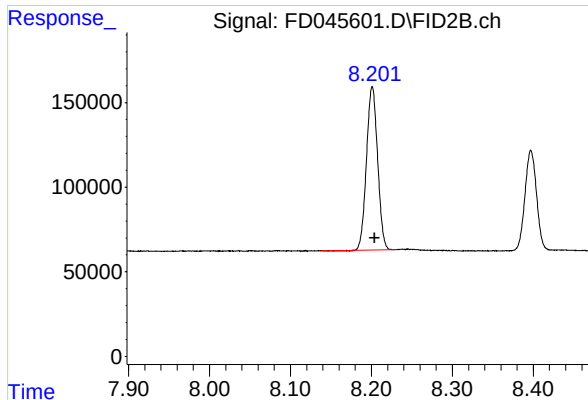
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 1027977
Conc: 5.07 ug/ml



#4 2-Bromonaphthalene (SURR)

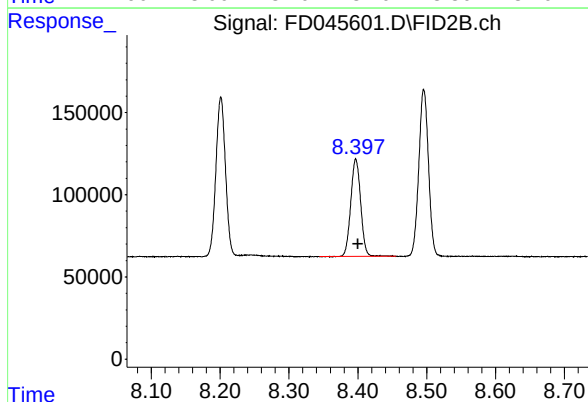
R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 897014
Conc: 5.12 ug/ml



#5 Acenaphthylene (C15.06)

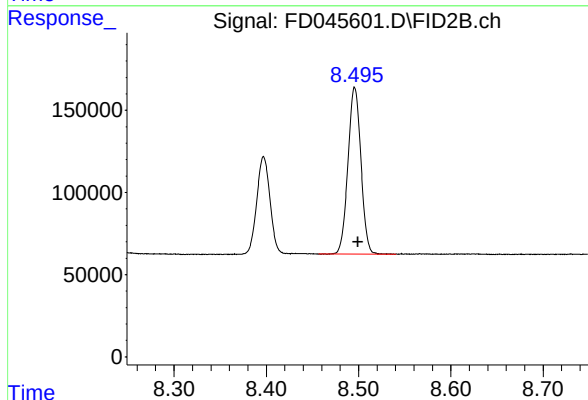
R.T.: 8.201 min
Delta R.T.: -0.003 min
Response: 918534
Conc: 4.95 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



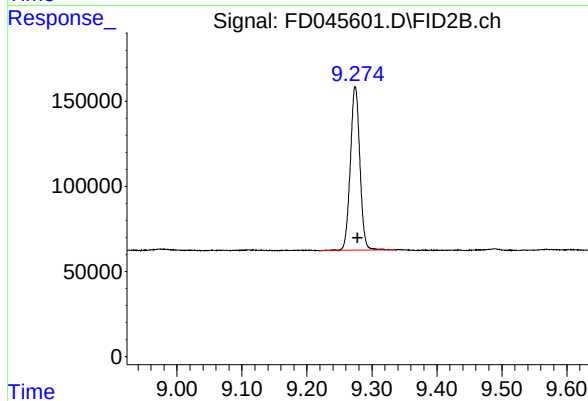
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.397 min
Delta R.T.: -0.003 min
Response: 596903
Conc: 5.05 ug/ml



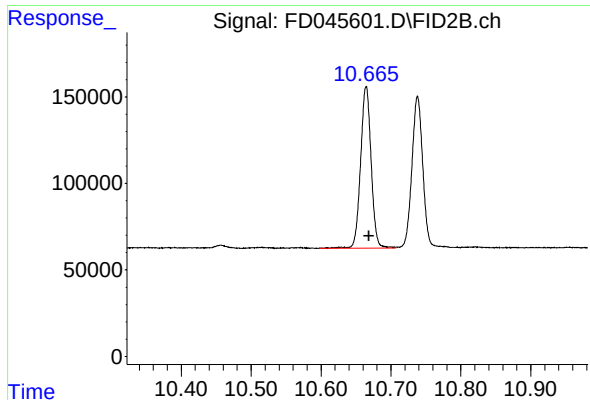
#7 Acenaphthene (C15.5)

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 989847
Conc: 5.06 ug/ml



#8 Flouorene (C16.55)

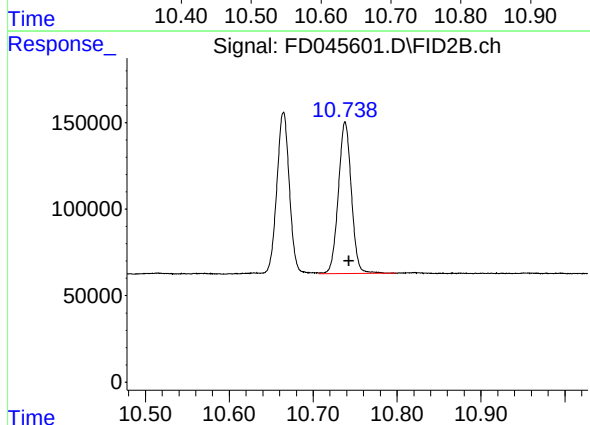
R.T.: 9.274 min
Delta R.T.: -0.004 min
Response: 977748
Conc: 5.04 ug/ml



#9 Phenanthrene (C19.36)

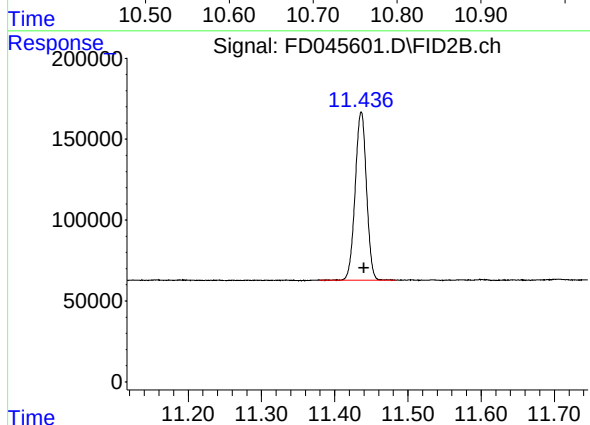
R.T.: 10.665 min
Delta R.T.: -0.004 min
Response: 976005
Conc: 5.14 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



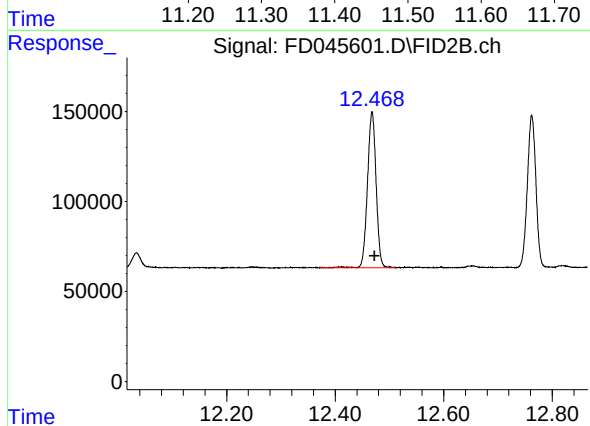
#10 Anthracene (C19.43)

R.T.: 10.738 min
Delta R.T.: -0.004 min
Response: 944539
Conc: 5.18 ug/ml



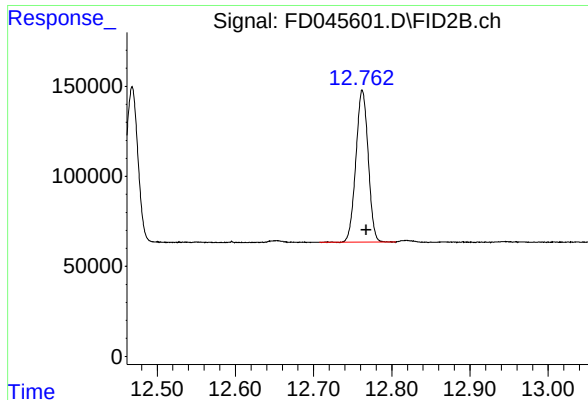
#11 ortho-Terphenyl (SURR)

R.T.: 11.436 min
Delta R.T.: -0.004 min
Response: 1116389
Conc: 5.17 ug/ml



#12 Fluoranthene (C21.85)

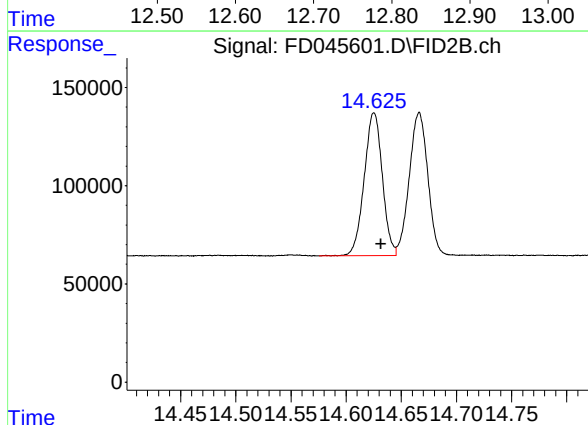
R.T.: 12.468 min
Delta R.T.: -0.005 min
Response: 952670
Conc: 5.19 ug/ml



#13 Pyrene (C20.8)

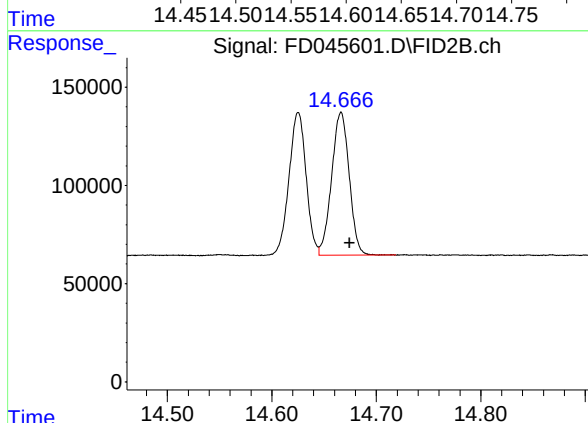
R.T.: 12.762 min
Delta R.T.: -0.005 min
Response: 919890
Conc: 5.14 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



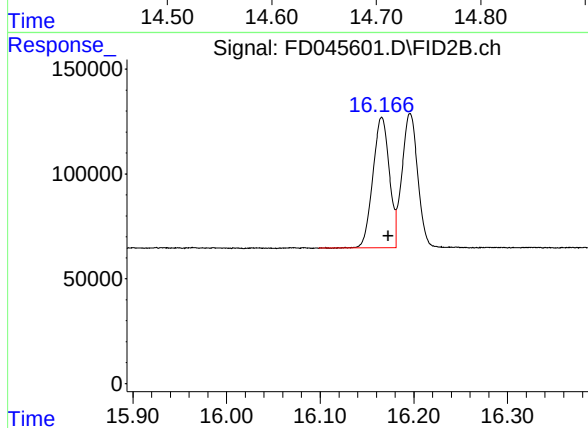
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.625 min
Delta R.T.: -0.006 min
Response: 832391
Conc: 5.14 ug/ml



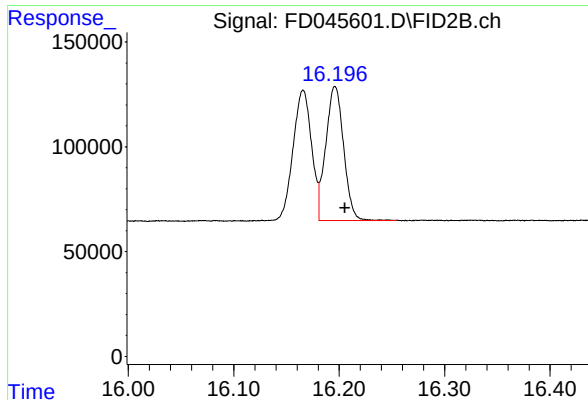
#15 Chrysene (C27.41)

R.T.: 14.666 min
Delta R.T.: -0.008 min
Response: 852370
Conc: 5.17 ug/ml



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

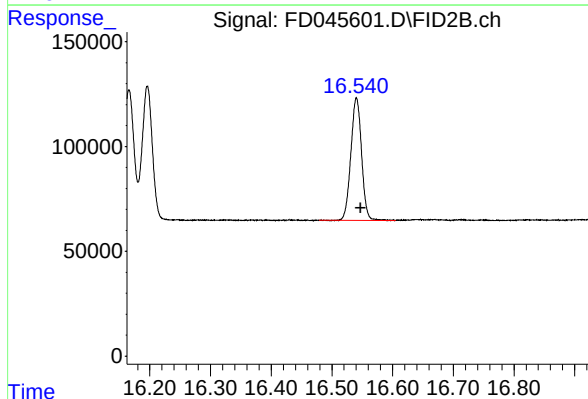
R.T.: 16.166 min
Delta R.T.: -0.007 min
Response: 759381
Conc: 5.09 ug/ml



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

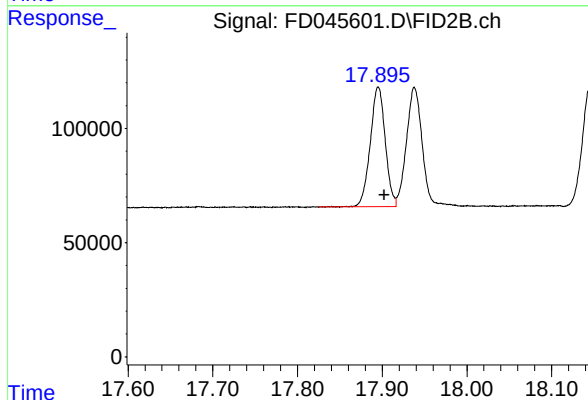
R.T.: 16.196 min
Delta R.T.: -0.009 min
Response: 752748
Conc: 5.12 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



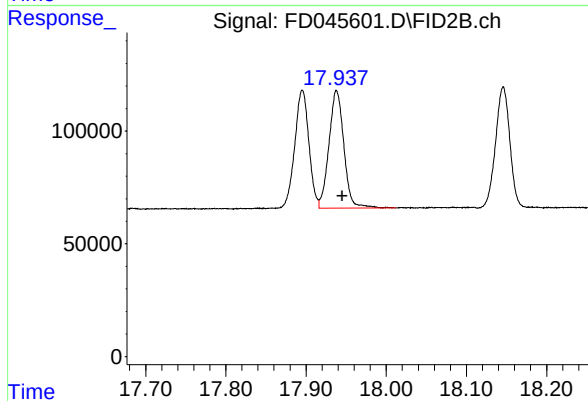
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.541 min
Delta R.T.: -0.007 min
Response: 718240
Conc: 5.10 ug/ml



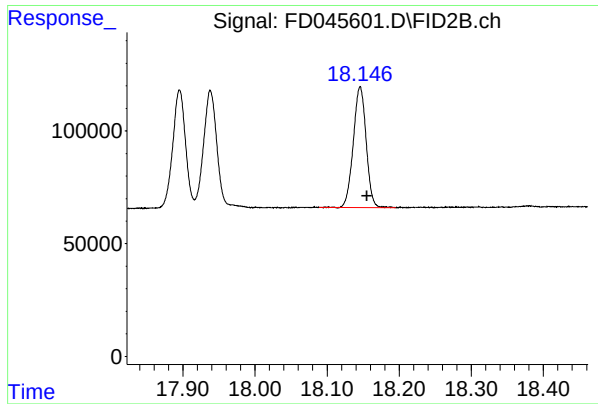
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.895 min
Delta R.T.: -0.007 min
Response: 642557
Conc: 5.06 ug/ml



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

R.T.: 17.938 min
Delta R.T.: -0.007 min
Response: 674621
Conc: 5.22 ug/ml



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

R.T.: 18.146 min
Delta R.T.: -0.010 min
Response: 664781
Conc: 5.16 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5