



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

Lab Sample ID:	50 PPM AROMATIC HC	Acq On:	01 Mar 2023 10:51
Client Sample ID:		Operator:	YP/AJ
Data file:	FD045193.D	Misc:	
Instrument:	FID_D	ALS Vial:	53
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.262	5.992	14489532.000	100.000	ug/ml
Aromatic C12-C16	5.993	8.607	21321744.000	150.000	ug/ml
Aromatic C16-C21	8.608	12.876	26702161.000	200.000	ug/ml
Aromatic C21-C36	12.877	18.268	53684312.000	450.000	ug/ml
Aromatic EPH	4.262	18.268	116197749.000	900.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030123AR\
 Data File : FD045193.D
 Signal(s) : FID2B.ch
 Acq On : 01 Mar 2023 10:51
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 01 12:13:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 12:12:49 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...	7.554	6382877	48.470 ug/ml
Spiked Amount 50.000		Recovery =	96.94%
6) S 2-Fluorobiphenyl (SURR)	8.410	4240351	48.414 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.83%
11) S ortho-Terphenyl (SURR)	11.451	7768534	48.055 ug/ml
Spiked Amount 50.000		Recovery =	96.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	7085921	48.131 ug/ml
2) T Naphthalene (C11.7)	5.894	7403611	48.174 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	7411174	48.019 ug/ml
5) T Acenaphthylene (C15.06)	8.215	6756435	48.346 ug/ml
7) T Acenaphthene (C15.5)	8.511	7154135	48.328 ug/ml
8) T Fluorene (C16.55)	9.290	6959944	48.435 ug/ml
9) T Phenanthrene (C19.36)	10.681	6720228	48.342 ug/ml
10) T Anthracene (C19.43)	10.756	6617137	48.508 ug/ml
12) T Fluoranthene (C21.85)	12.487	6545687	48.237 ug/ml
13) T Pyrene (C20.8)	12.782	6404852	48.221 ug/ml
14) T Benzo[a]anthracene (C...	14.647	5981744	48.127 ug/ml
15) T Chrysene (C27.41)	14.691	6101342	48.081 ug/ml
16) T benzo[b]fluoranthene ...	16.190	6042879	47.990 ug/ml
17) T Bnezo[k]fluoranthene ...	16.226	5890117	47.938 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	5896384	48.053 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.926	5718096	48.759 ug/ml
20) T Dibenz[a,h]anthracene...	17.968	5644544	47.514 ug/ml
21) T Benzo[g,h,i]perylene ...	18.183	5863519	48.278 ug/ml

(f)=RT Delta > 1/2 Window

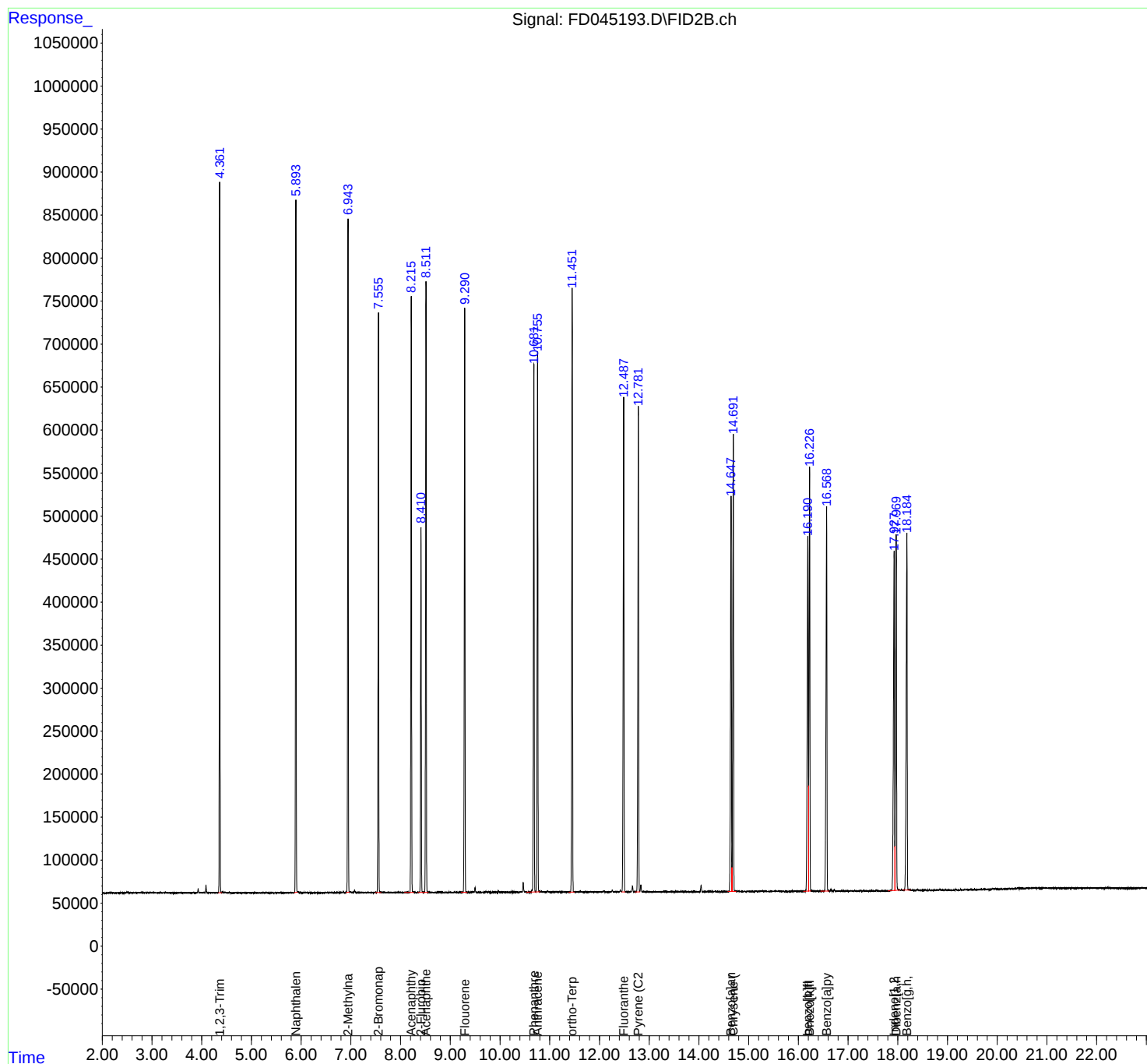
(m)=manual int.

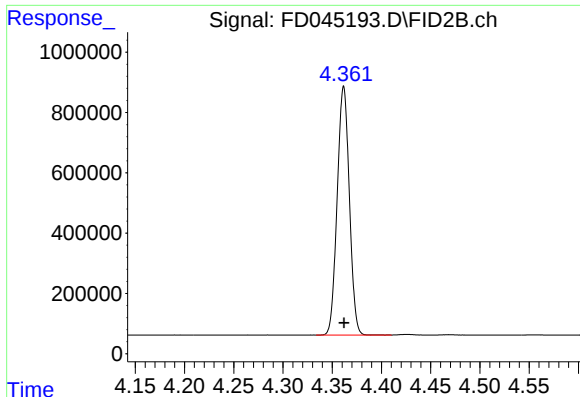
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030123AR\
Data File : FD045193.D
Signal(s) : FID2B.ch
Acq On : 01 Mar 2023 10:51
Operator : YP/AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Mar 01 12:13:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
Quant Title : GC Extractables
QLast Update : Wed Mar 01 12:12:49 2023
Response via : Initial Calibration
Integrator: ChemStation

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

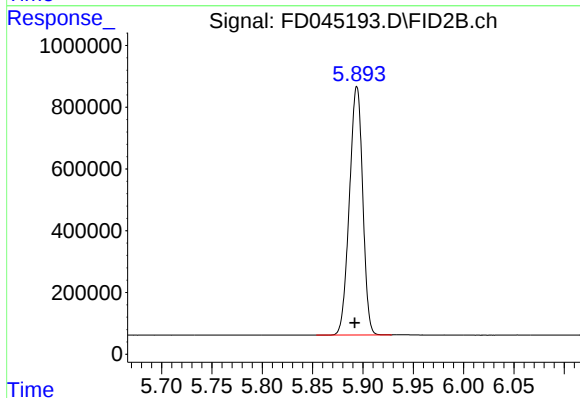




#1 1,2,3-Trimethylbenzene (C10.1)

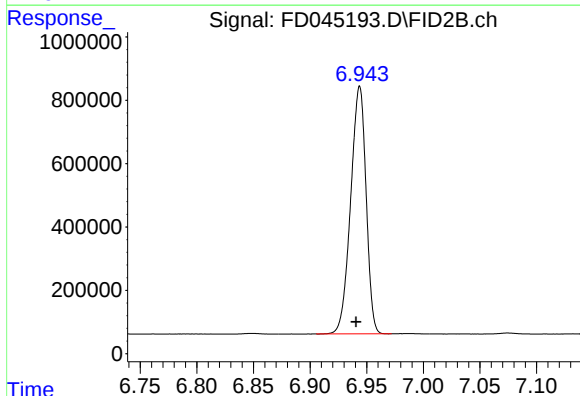
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 7085921
Conc: 48.13 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



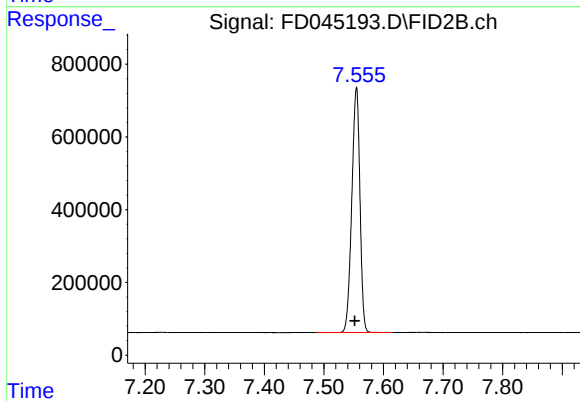
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: 0.002 min
Response: 7403611
Conc: 48.17 ug/ml



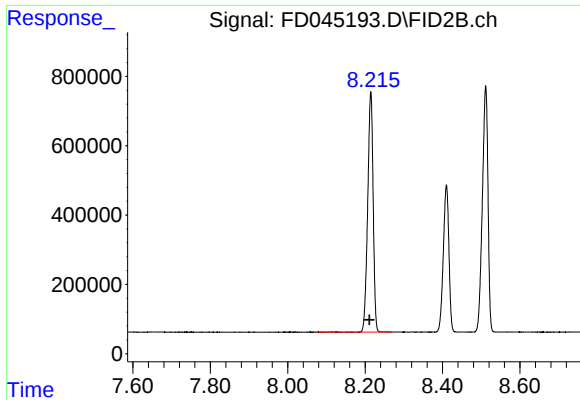
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: 0.003 min
Response: 7411174
Conc: 48.02 ug/ml



#4 2-Bromonaphthalene (SURR)

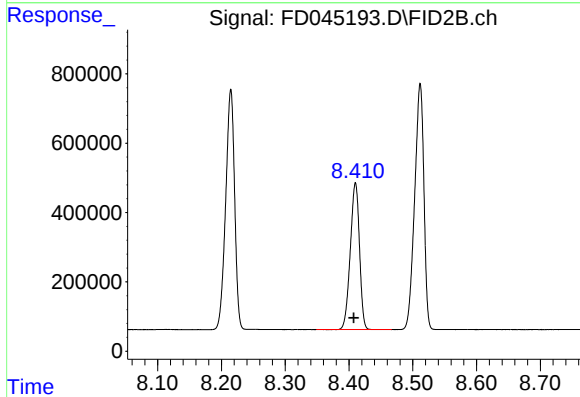
R.T.: 7.554 min
Delta R.T.: 0.003 min
Response: 6382877
Conc: 48.47 ug/ml



#5 Acenaphthylene (C15.06)

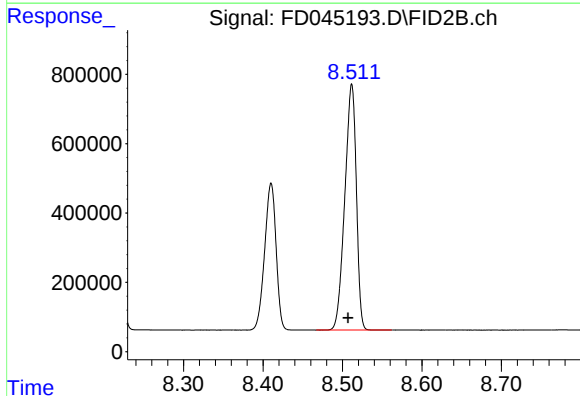
R.T.: 8.215 min
Delta R.T.: 0.003 min
Response: 6756435
Conc: 48.35 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



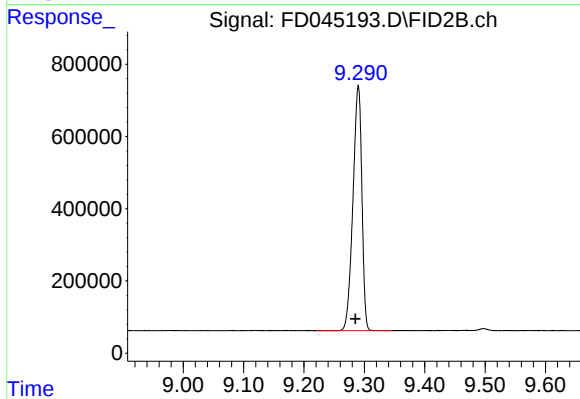
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.410 min
Delta R.T.: 0.003 min
Response: 4240351
Conc: 48.41 ug/ml



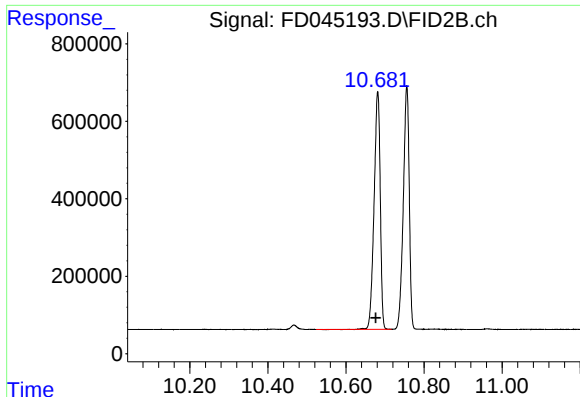
#7 Acenaphthene (C15.5)

R.T.: 8.511 min
Delta R.T.: 0.004 min
Response: 7154135
Conc: 48.33 ug/ml



#8 Fluorene (C16.55)

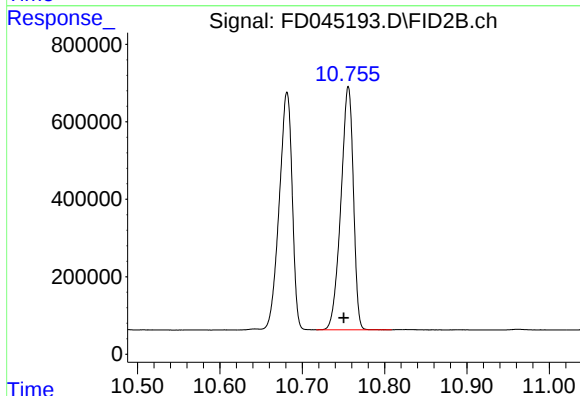
R.T.: 9.290 min
Delta R.T.: 0.004 min
Response: 6959944
Conc: 48.44 ug/ml



#9 Phenanthrene (C19.36)

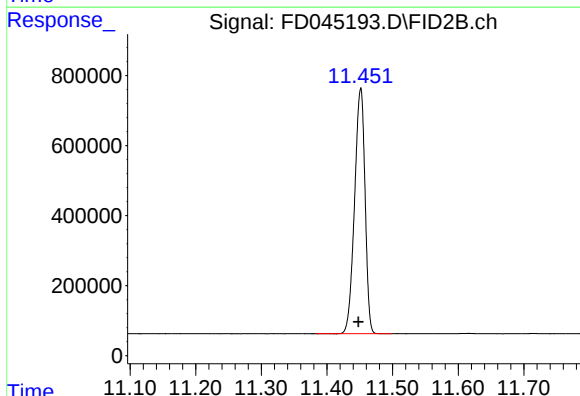
R.T.: 10.681 min
Delta R.T.: 0.005 min
Response: 6720228
Conc: 48.34 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



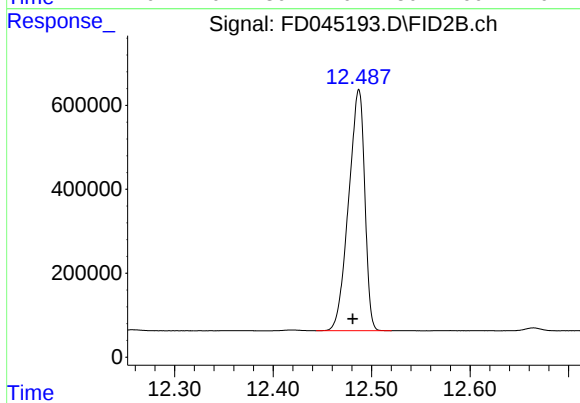
#10 Anthracene (C19.43)

R.T.: 10.756 min
Delta R.T.: 0.005 min
Response: 6617137
Conc: 48.51 ug/ml



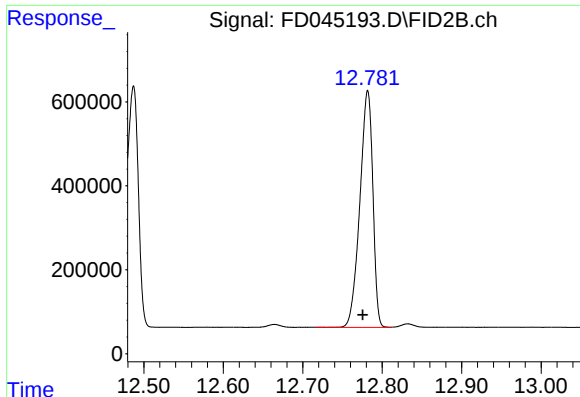
#11 ortho-Terphenyl (SURR)

R.T.: 11.451 min
Delta R.T.: 0.003 min
Response: 7768534
Conc: 48.06 ug/ml



#12 Fluoranthene (C21.85)

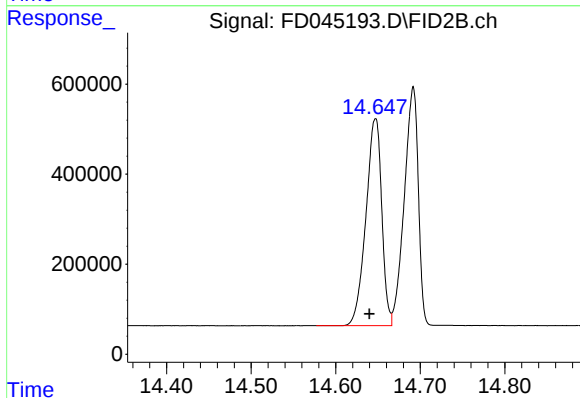
R.T.: 12.487 min
Delta R.T.: 0.006 min
Response: 6545687
Conc: 48.24 ug/ml



#13 Pyrene (C20.8)

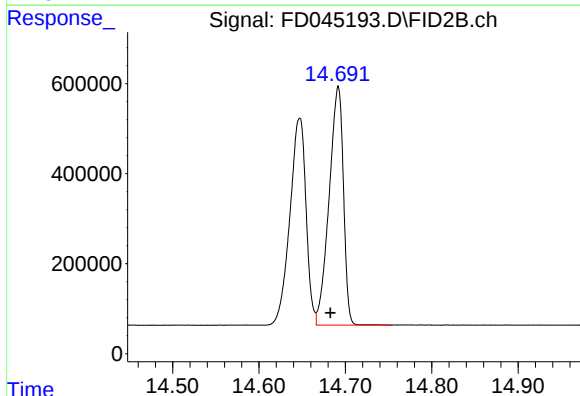
R.T.: 12.782 min
Delta R.T.: 0.006 min
Response: 6404852
Conc: 48.22 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



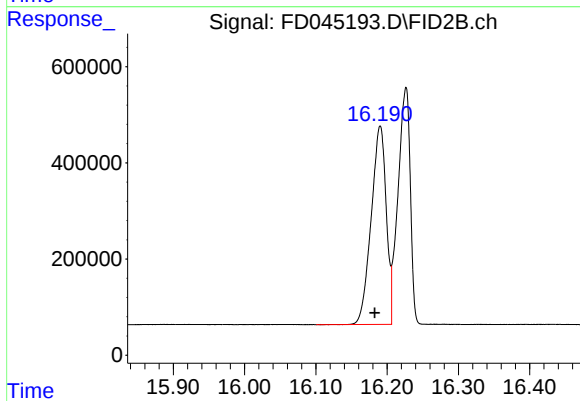
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.647 min
Delta R.T.: 0.007 min
Response: 5981744
Conc: 48.13 ug/ml



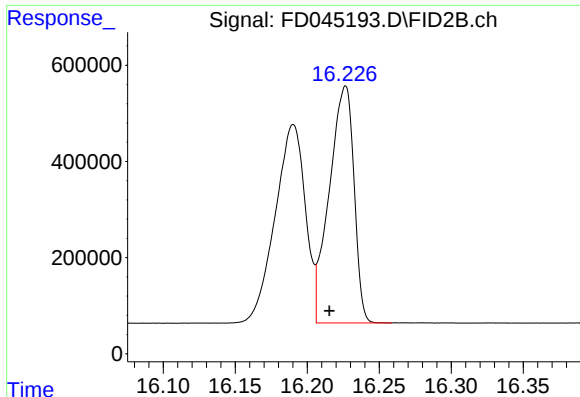
#15 Chrysene (C27.41)

R.T.: 14.691 min
Delta R.T.: 0.009 min
Response: 6101342
Conc: 48.08 ug/ml



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

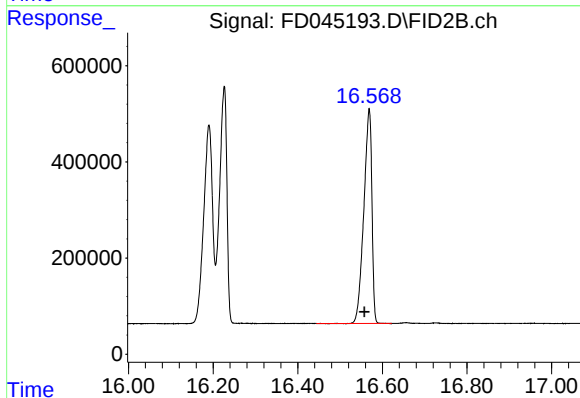
R.T.: 16.190 min
Delta R.T.: 0.008 min
Response: 6042879
Conc: 47.99 ug/ml



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

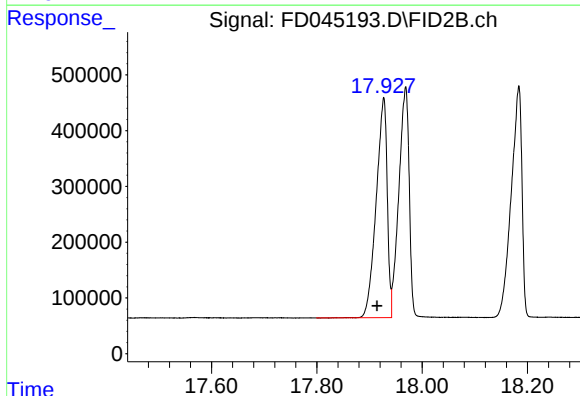
R.T.: 16.226 min
Delta R.T.: 0.010 min
Response: 5890117
Conc: 47.94 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



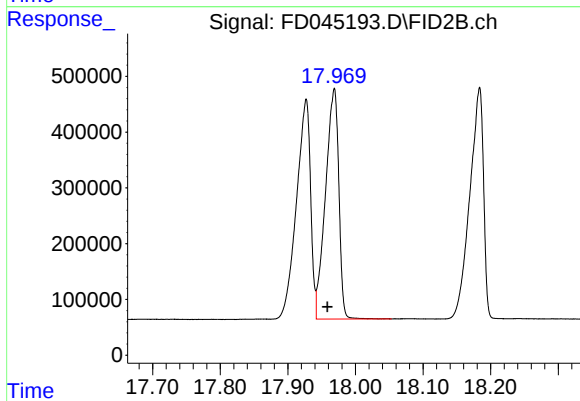
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.568 min
Delta R.T.: 0.011 min
Response: 5896384
Conc: 48.05 ug/ml



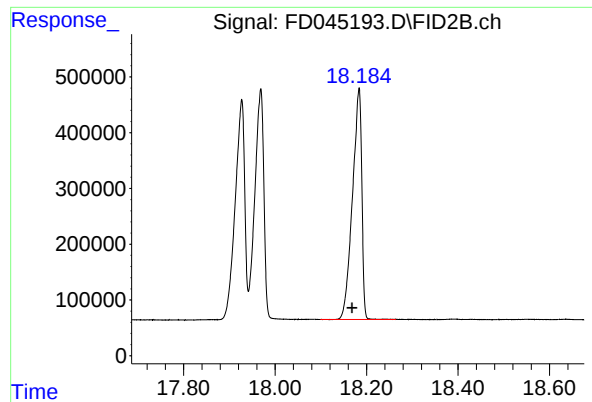
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.926 min
Delta R.T.: 0.012 min
Response: 5718096
Conc: 48.76 ug/ml



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

R.T.: 17.968 min
Delta R.T.: 0.010 min
Response: 5644544
Conc: 47.51 ug/ml



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

R.T.: 18.183 min
Delta R.T.: 0.015 min
Response: 5863519
Conc: 48.28 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2