



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

Lab Sample ID: 50 PPM AROMATIC HC : Acq On: 05 May 2023 15:10
Client Sample ID: Operator: YP/AJ
Data file: FD045598.D Misc:
Instrument: FID_D ALS Vial: 62
Dilution Factor: 1 Sample Multiplier: 1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.251	5.982	17964952.000	100.000	ug/ml
Aromatic C12-C16	5.983	8.598	26611117.000	150.000	ug/ml
Aromatic C16-C21	8.599	12.866	33848071.000	200.000	ug/ml
Aromatic C21-C36	12.867	18.254	61450064.000	450.000	ug/ml
Aromatic EPH	4.251	18.254	139874204.000	900.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050523AR\
 Data File : FD045598.D
 Signal(s) : FID2B.ch
 Acq On : 05 May 2023 15:10
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 05 18:05:40 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...	7.546	7956590	45.388 ug/ml
Spiked Amount 50.000		Recovery =	90.78%
6) S 2-Fluorobiphenyl (SURR)	8.402	5389344	45.587 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.17%
11) S ortho-Terphenyl (SURR)	11.443	9784704	45.325 ug/ml
Spiked Amount 50.000		Recovery =	90.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	8749386	45.700 ug/ml
2) T Naphthalene (C11.7)	5.885	9215566	45.594 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	9256375	45.620 ug/ml
5) T Acenaphthylene (C15.06)	8.206	8432423	45.402 ug/ml
7) T Acenaphthene (C15.5)	8.503	8922319	45.641 ug/ml
8) T Fluorene (C16.55)	9.282	8814157	45.435 ug/ml
9) T Phenanthrene (C19.36)	10.673	8636644	45.501 ug/ml
10) T Anthracene (C19.43)	10.749	8283969	45.408 ug/ml
12) T Fluoranthene (C21.85)	12.478	8330515	45.418 ug/ml
13) T Pyrene (C20.8)	12.774	8113301	45.292 ug/ml
14) T Benzo[a]anthracene (C...	14.637	7381865	45.577 ug/ml
15) T Chrysene (C27.41)	14.682	7516417	45.547 ug/ml
16) T benzo[b]fluoranthene ...	16.179	6895881	46.210 ug/ml
17) T Bnezo[k]fluoranthene ...	16.215	6734728	45.798 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	6540943	46.419 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	6010397	47.303 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	6005654	46.469 ug/ml
21) T Benzo[g,h,i]perylene ...	18.168	6033664	46.826 ug/ml

(f)=RT Delta > 1/2 Window

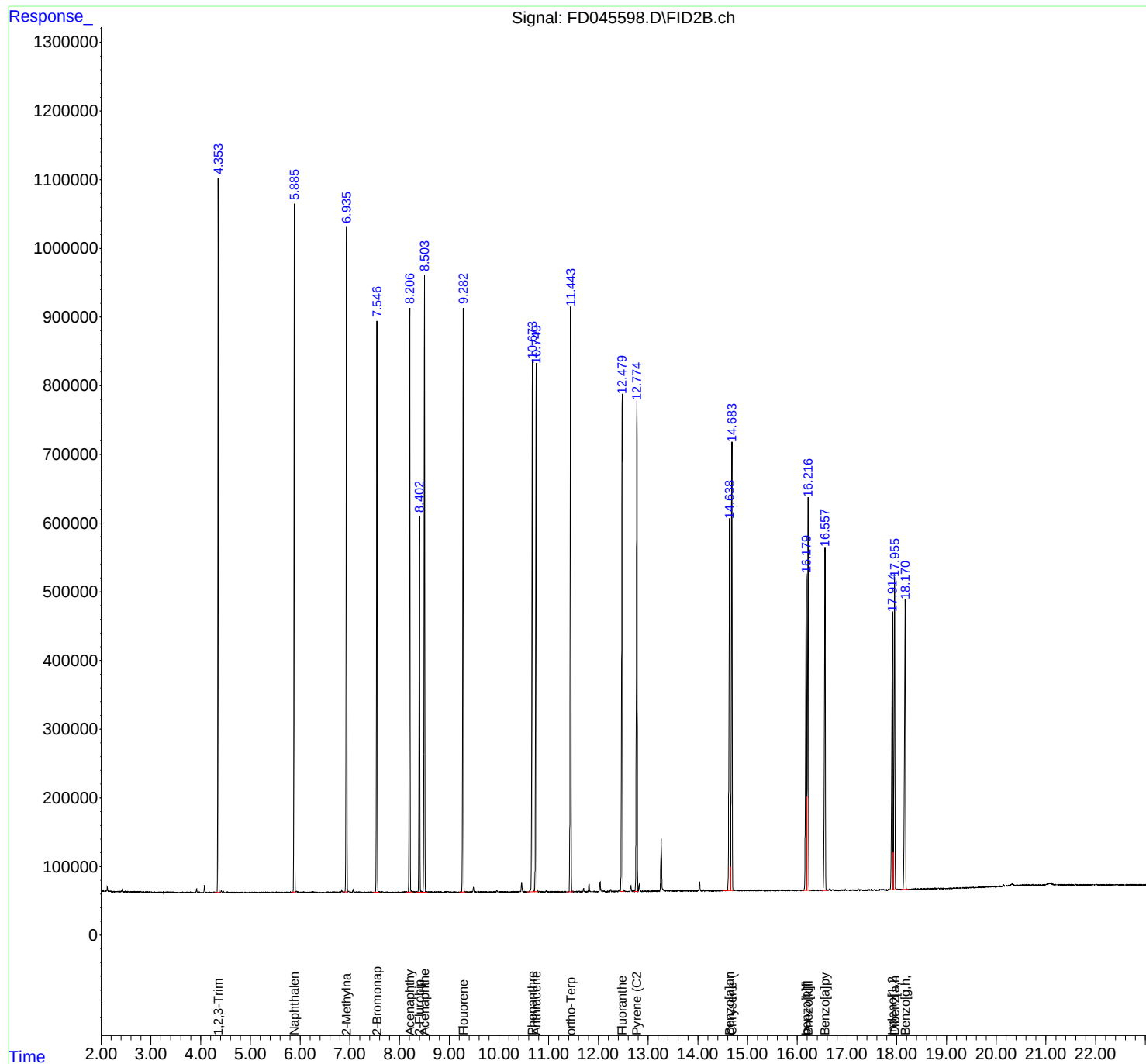
(m)=manual int.

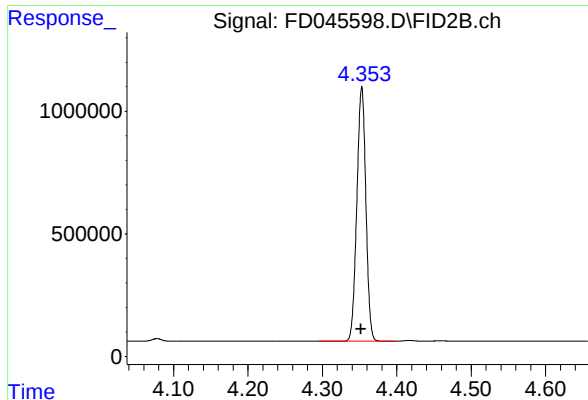
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050523AR\
Data File : FD045598.D
Signal(s) : FID2B.ch
Acq On : 05 May 2023 15:10
Operator : YP/AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: May 05 18:05:40 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

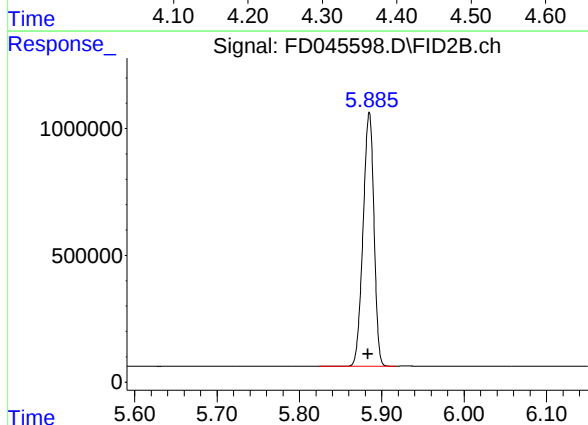




#1 1,2,3-Trimethylbenzene (C10.1)

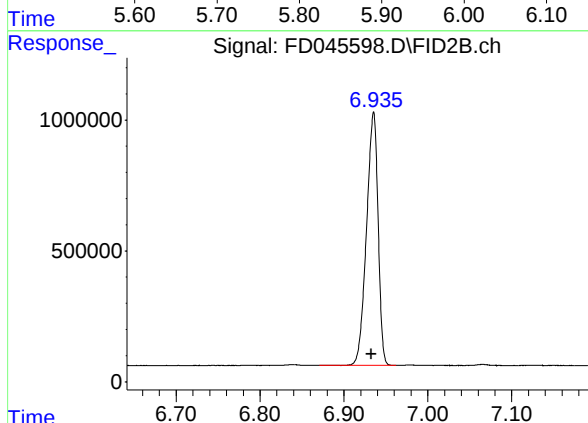
R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 8749386
Conc: 45.70 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



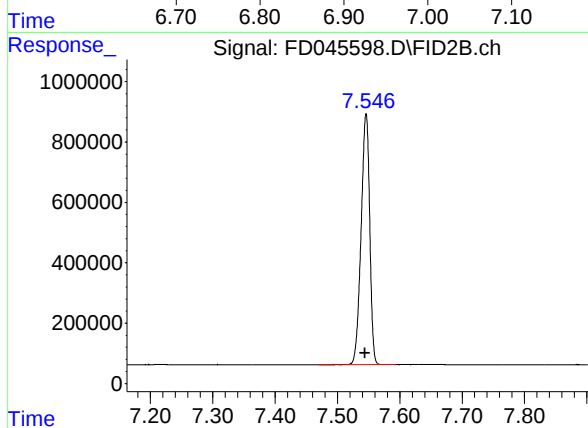
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: 0.002 min
Response: 9215566
Conc: 45.59 ug/ml



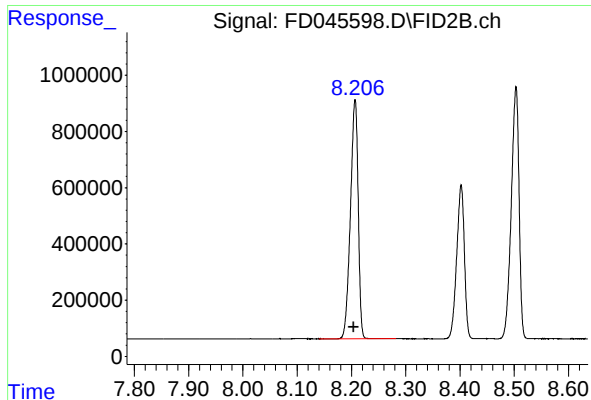
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: 0.003 min
Response: 9256375
Conc: 45.62 ug/ml



#4 2-Bromonaphthalene (SURR)

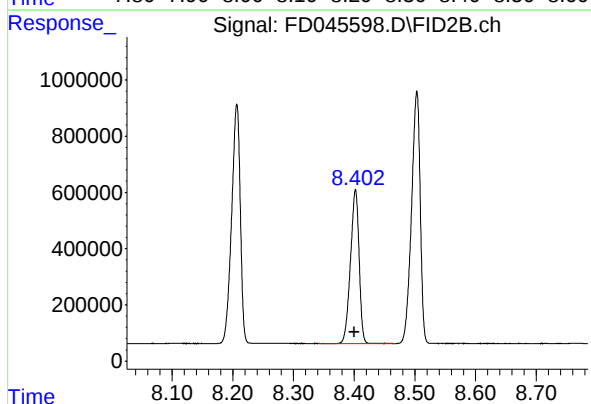
R.T.: 7.546 min
Delta R.T.: 0.002 min
Response: 7956590
Conc: 45.39 ug/ml



#5 Acenaphthylene (C15.06)

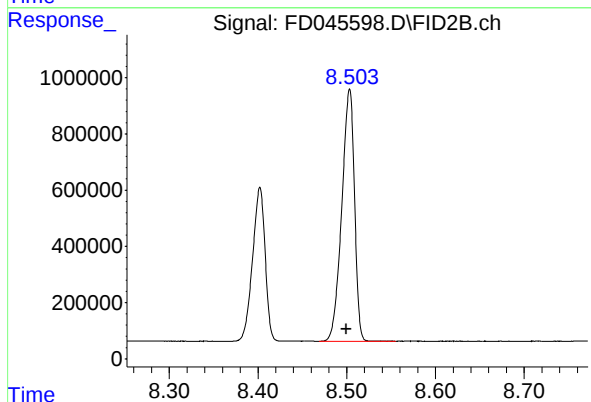
R.T.: 8.206 min
Delta R.T.: 0.002 min
Response: 8432423
Conc: 45.40 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



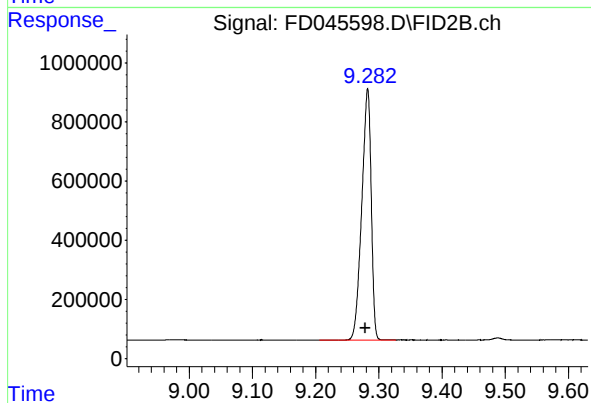
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: 0.002 min
Response: 5389344
Conc: 45.59 ug/ml



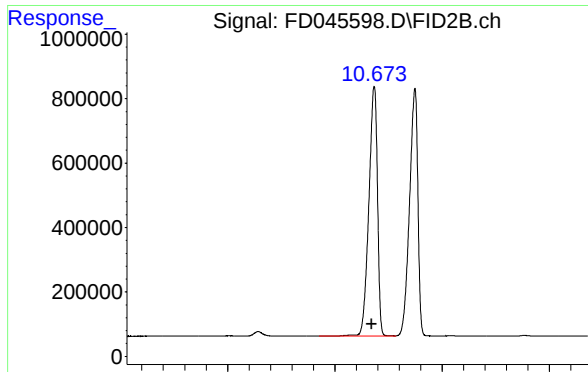
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.003 min
Response: 8922319
Conc: 45.64 ug/ml



#8 Flouorene (C16.55)

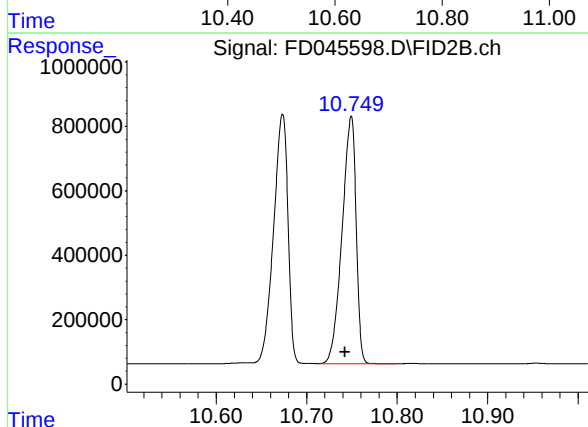
R.T.: 9.282 min
Delta R.T.: 0.004 min
Response: 8814157
Conc: 45.44 ug/ml



#9 Phenanthrene (C19.36)

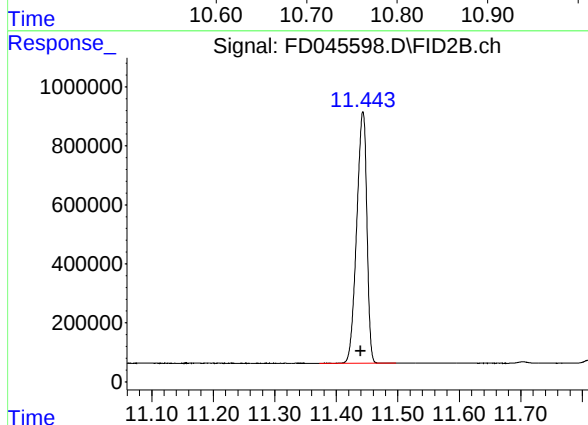
R.T.: 10.673 min
Delta R.T.: 0.004 min
Response: 8636644
Conc: 45.50 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



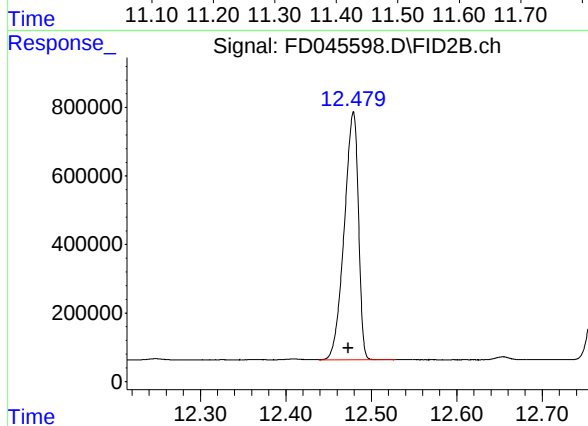
#10 Anthracene (C19.43)

R.T.: 10.749 min
Delta R.T.: 0.006 min
Response: 8283969
Conc: 45.41 ug/ml



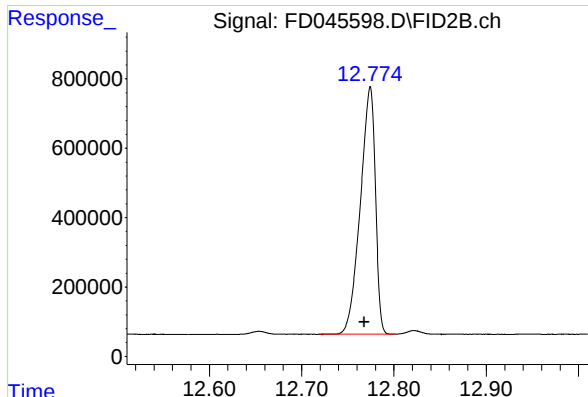
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: 0.003 min
Response: 9784704
Conc: 45.33 ug/ml



#12 Fluoranthene (C21.85)

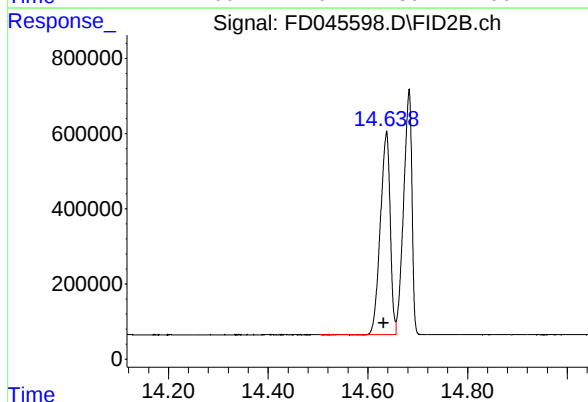
R.T.: 12.478 min
Delta R.T.: 0.005 min
Response: 8330515
Conc: 45.42 ug/ml



#13 Pyrene (C20.8)

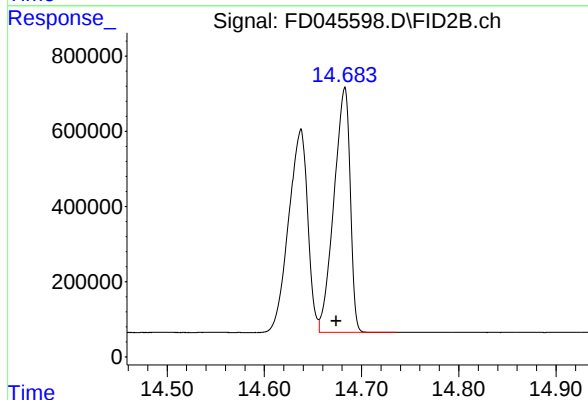
R.T.: 12.774 min
Delta R.T.: 0.006 min
Response: 8113301
Conc: 45.29 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



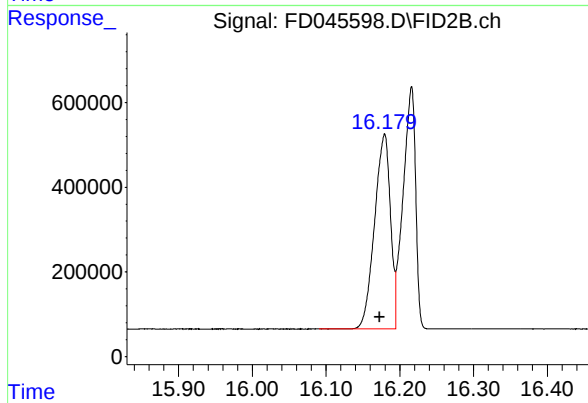
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: 0.005 min
Response: 7381865
Conc: 45.58 ug/ml



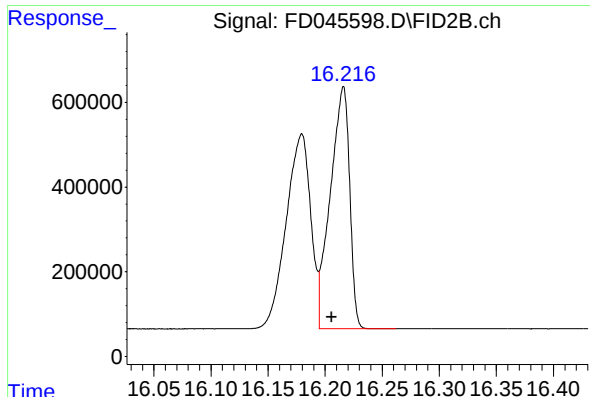
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.008 min
Response: 7516417
Conc: 45.55 ug/ml



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

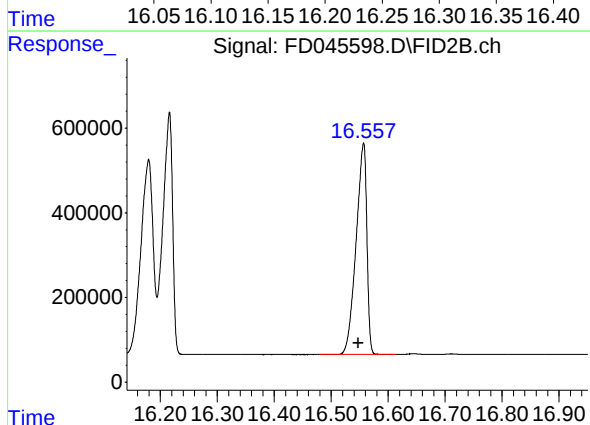
R.T.: 16.179 min
Delta R.T.: 0.006 min
Response: 6895881
Conc: 46.21 ug/ml



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

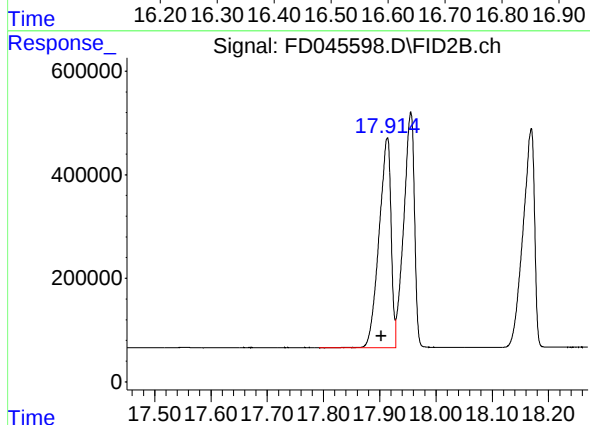
R.T.: 16.215 min
Delta R.T.: 0.010 min
Response: 6734728
Conc: 45.80 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



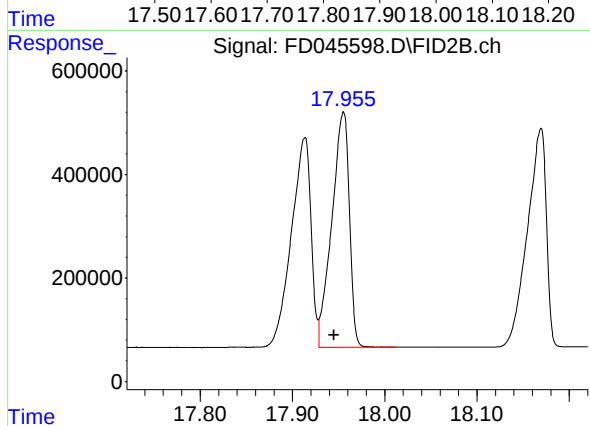
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: 0.008 min
Response: 6540943
Conc: 46.42 ug/ml



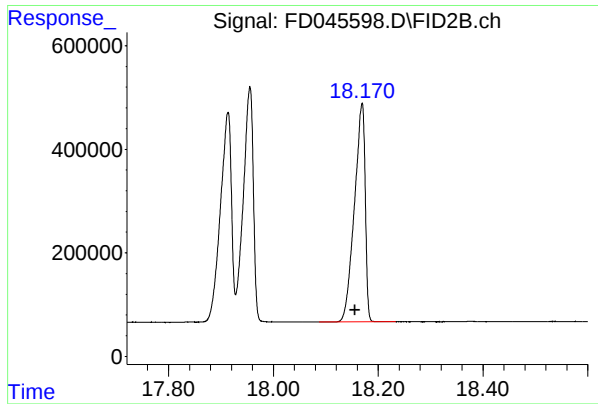
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: 0.010 min
Response: 6010397
Conc: 47.30 ug/ml



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

R.T.: 17.955 min
Delta R.T.: 0.009 min
Response: 6005654
Conc: 46.47 ug/ml



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

R.T.: 18.168 min

Delta R.T.: 0.013 min

Response: 6033664

Conc: 46.83 ug/ml

Instrument :

FID_D

ClientSampleId :

50 PPM AROMATIC HC STD2