

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070621AR\
 Data File : FD038072.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jul 2021 3:19
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jul 07 10:27:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 04:41:54 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.524	683266	5.330 ug/ml
Spiked Amount 50.000		Recovery =	10.66%
6) S 2-Fluorobiphenyl (SURR)	8.386	437560	5.021 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.04%
11) S ortho-Terphenyl (SURR)	11.419	816454	5.402 ug/ml
Spiked Amount 50.000		Recovery =	10.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.329	750801	5.319 ug/ml
2) T Naphthalene (C11.7)	5.864	773263	5.305 ug/ml
3) T 2-Methylnaphthalene (...)	6.914	756295	5.213 ug/ml
5) T Acenaphthylene (C15.06)	8.185	789039	5.318 ug/ml
7) T Acenaphthene (C15.5)	8.479	839593	5.496 ug/ml
8) T Flouorene (C16.55)	9.261	762912	5.280 ug/ml
9) T Phenanthrene (C19.36)	10.655	739924	5.150 ug/ml
10) T Anthracene (C19.43)	10.730	763844	5.552 ug/ml
12) T Fluoranthene (C21.85)	12.464	778315	5.454 ug/ml
13) T Pyrene (C20.8)	12.760	750104	5.306 ug/ml
14) T Benzo[a]anthracene (C...	14.632	616979	4.839 ug/ml
15) T Chrysene (C27.41)	14.672	788422	5.615 ug/ml
16) T benzo[b]fluoranthene ...	16.180	613890	4.930 ug/ml
17) T Bnezo[k]fluoranthene ...	16.211	735314	5.657 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.564	611070	5.274 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.930	471387	4.572 ug/ml
20) T Dibenz[a,h]anthracene...	17.965	653474	5.643 ug/ml
21) T Benzo[g,h,i]perylene ...	18.178	585100	5.494 ug/ml

(f)=RT Delta > 1/2 Window

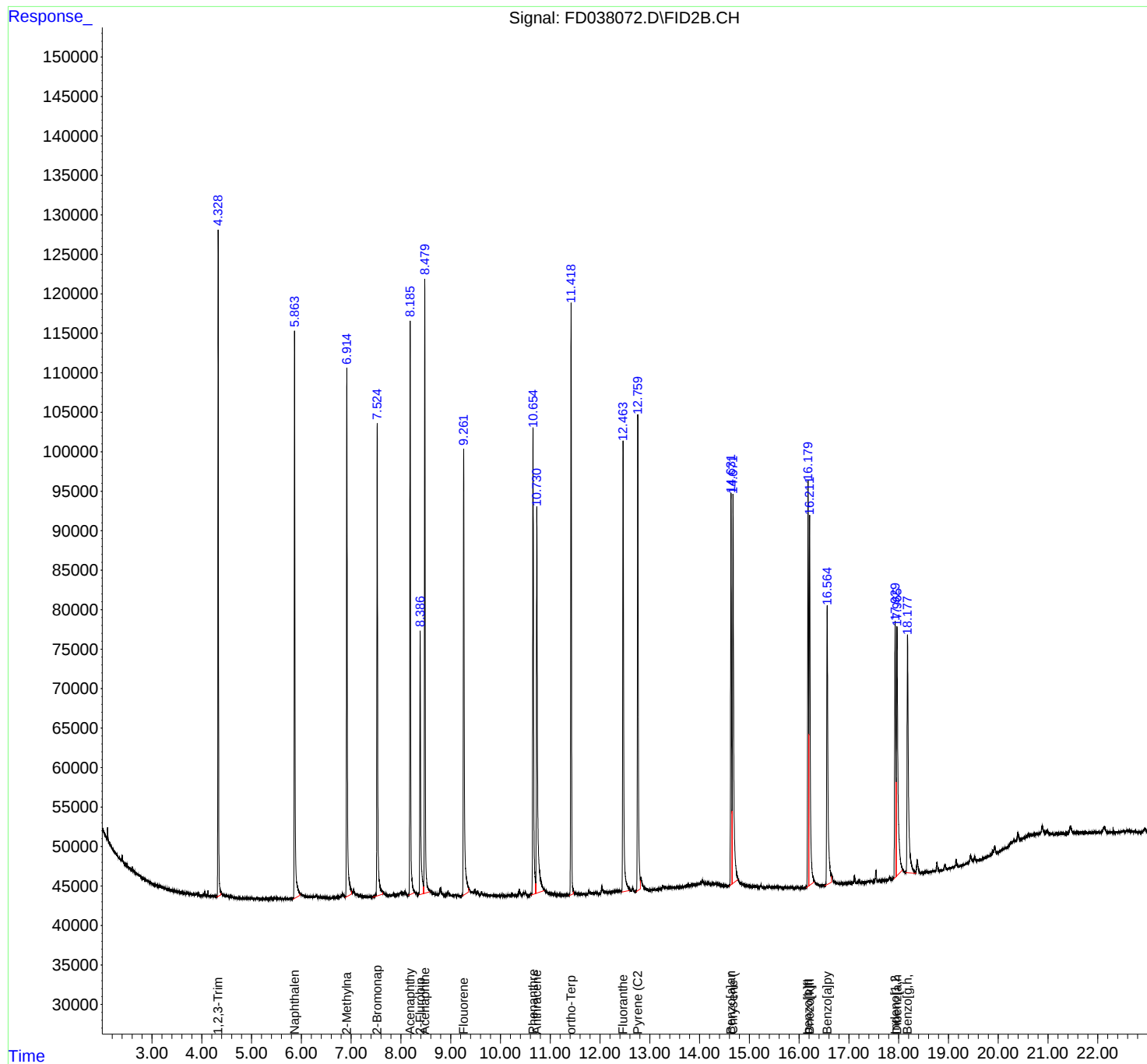
(m)=manual int.

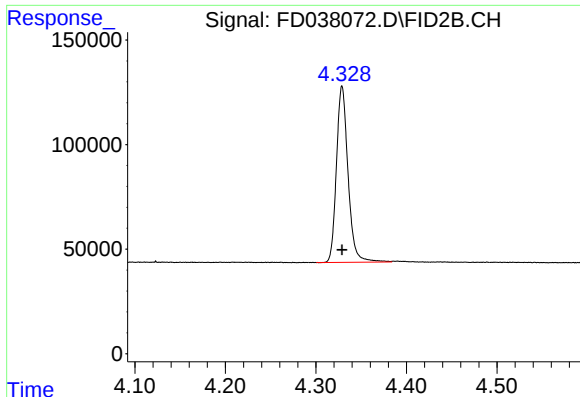
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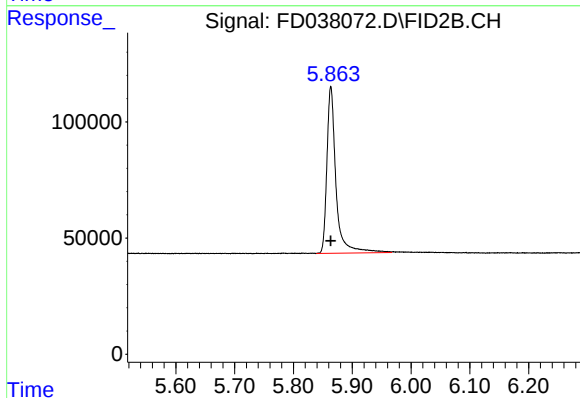




#1 1,2,3-Trimethylbenzene (C10.1)

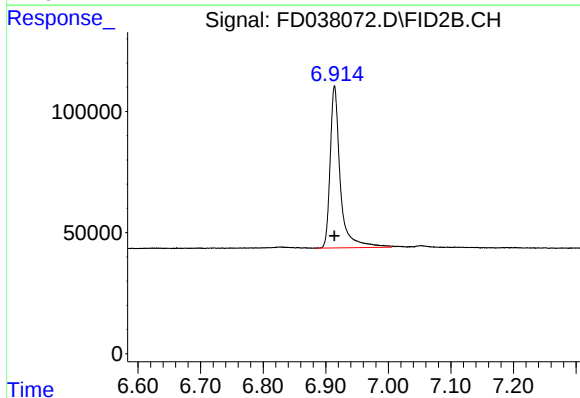
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 750801
Conc: 5.32 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



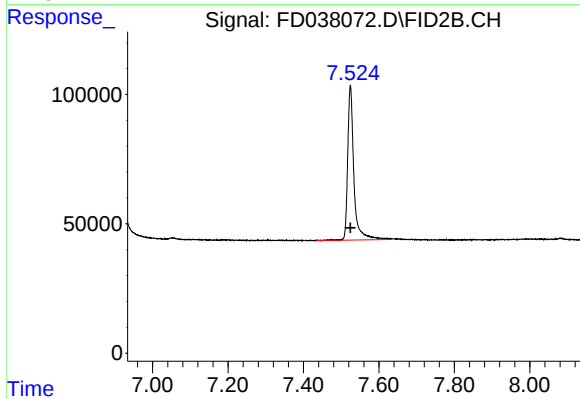
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: 0.000 min
Response: 773263
Conc: 5.31 ug/ml



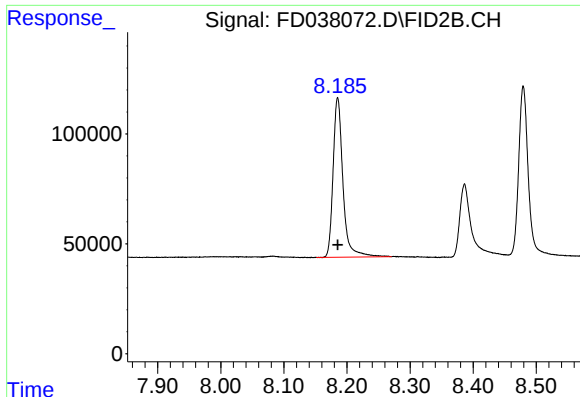
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 756295
Conc: 5.21 ug/ml



#4 2-Bromonaphthalene (SURR)

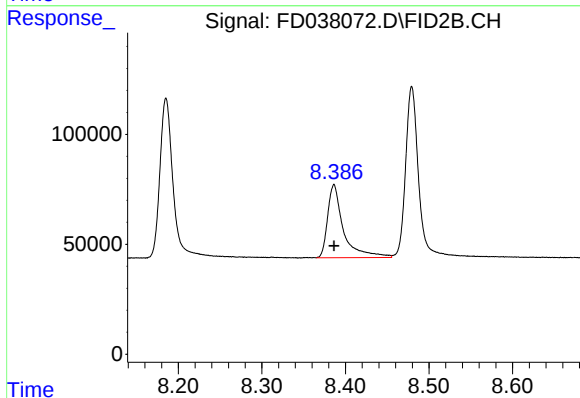
R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 683266
Conc: 5.33 ug/ml



#5 Acenaphthylene (C15.06)

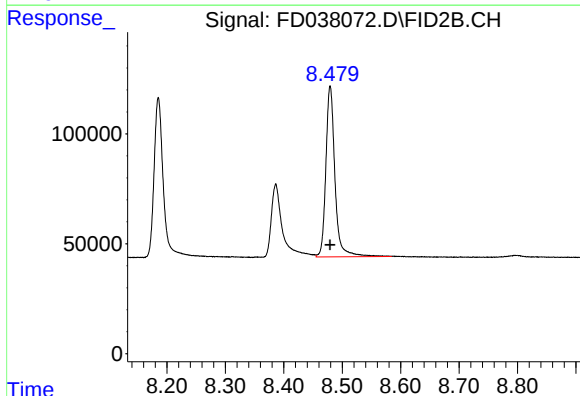
R.T.: 8.185 min
Delta R.T.: 0.000 min
Response: 789039
Conc: 5.32 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



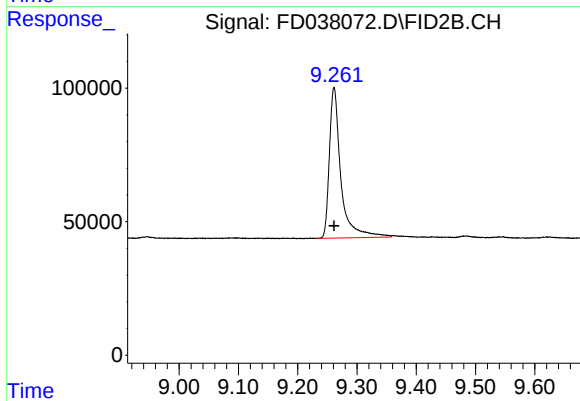
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.386 min
Delta R.T.: 0.000 min
Response: 437560
Conc: 5.02 ug/ml



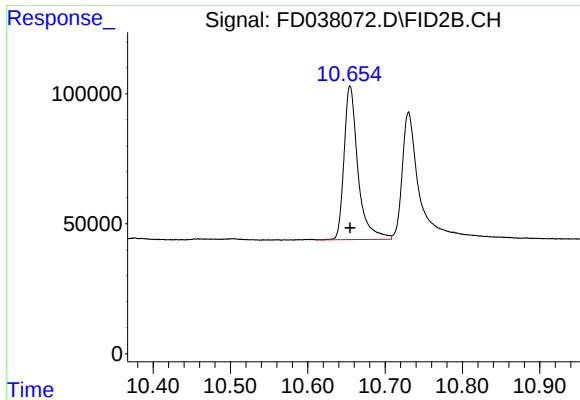
#7 Acenaphthene (C15.5)

R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 839593
Conc: 5.50 ug/ml



#8 Flouorene (C16.55)

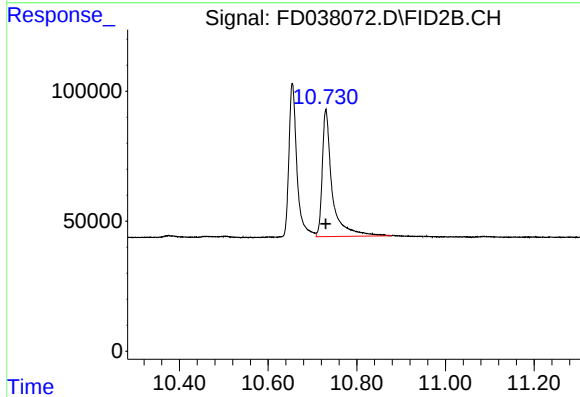
R.T.: 9.261 min
Delta R.T.: 0.000 min
Response: 762912
Conc: 5.28 ug/ml



#9 Phenanthrene (C19.36)

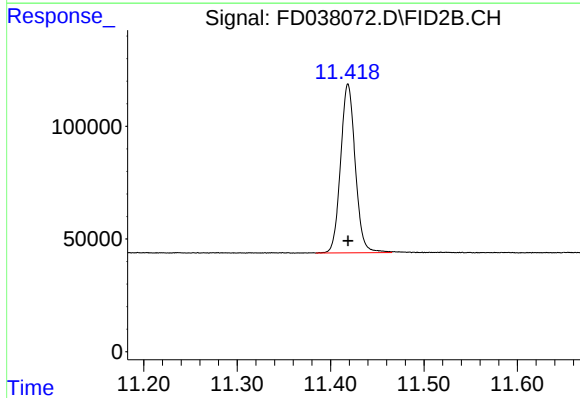
R.T.: 10.655 min
Delta R.T.: 0.000 min
Response: 739924
Conc: 5.15 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



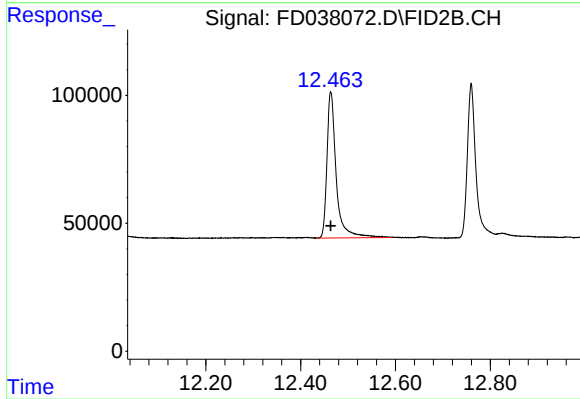
#10 Anthracene (C19.43)

R.T.: 10.730 min
Delta R.T.: 0.000 min
Response: 763844
Conc: 5.55 ug/ml



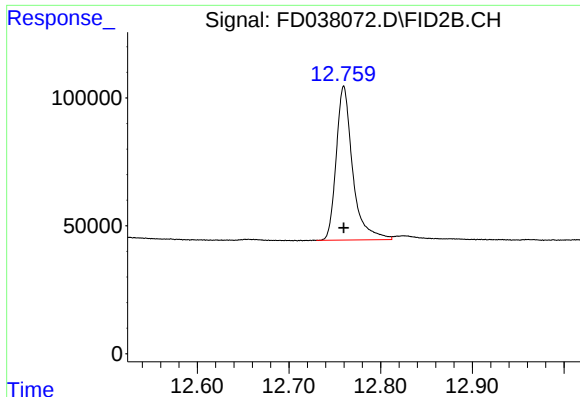
#11 ortho-Terphenyl (SURR)

R.T.: 11.419 min
Delta R.T.: 0.000 min
Response: 816454
Conc: 5.40 ug/ml



#12 Fluoranthene (C21.85)

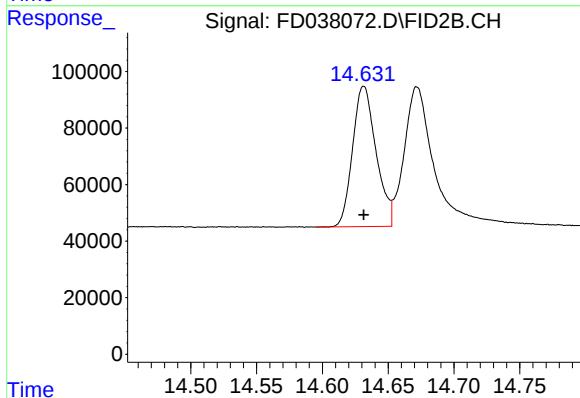
R.T.: 12.464 min
Delta R.T.: 0.000 min
Response: 778315
Conc: 5.45 ug/ml



#13 Pyrene (C20.8)

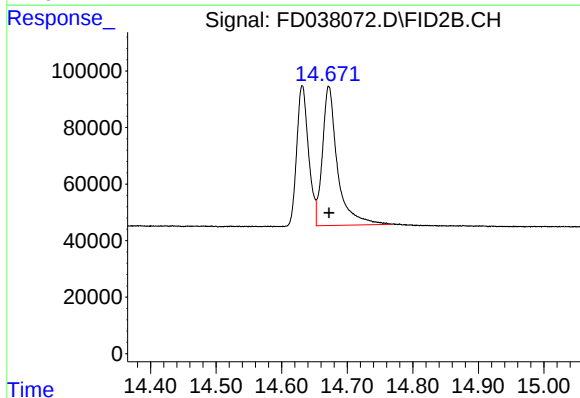
R.T.: 12.760 min
Delta R.T.: 0.000 min
Response: 750104
Conc: 5.31 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



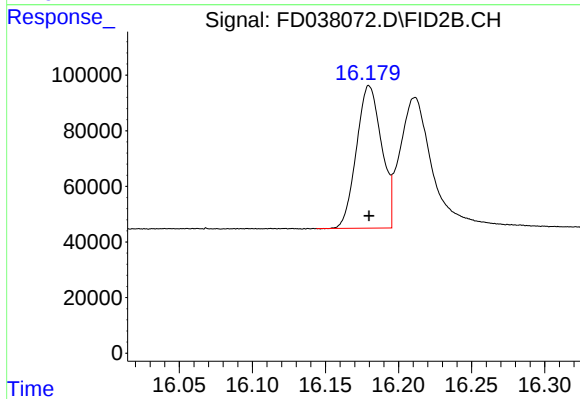
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.632 min
Delta R.T.: 0.000 min
Response: 616979
Conc: 4.84 ug/ml



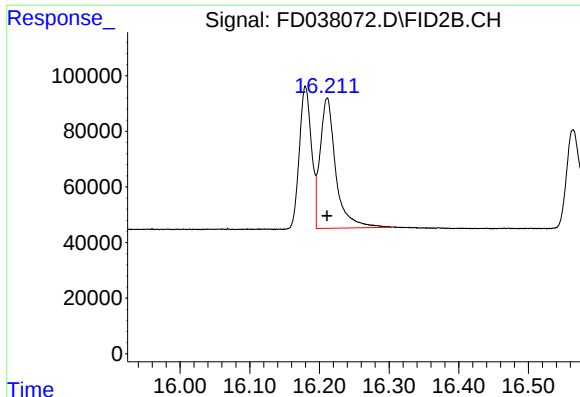
#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: 0.000 min
Response: 788422
Conc: 5.62 ug/ml



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

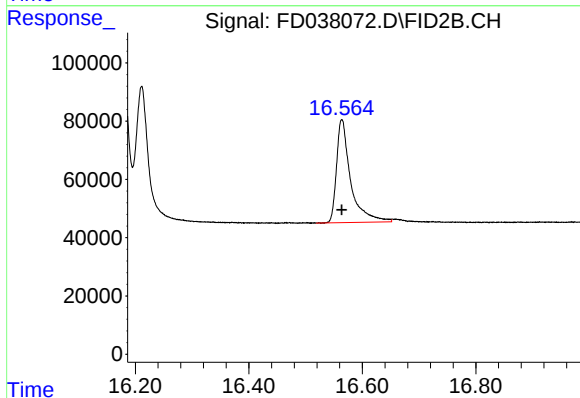
R.T.: 16.180 min
Delta R.T.: 0.000 min
Response: 613890
Conc: 4.93 ug/ml



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

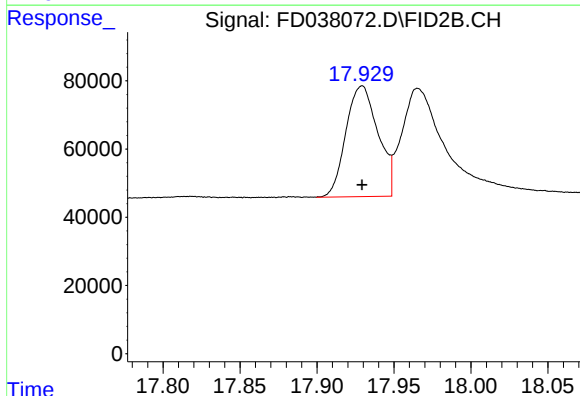
R.T.: 16.211 min
Delta R.T.: 0.000 min
Response: 735314
Conc: 5.66 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



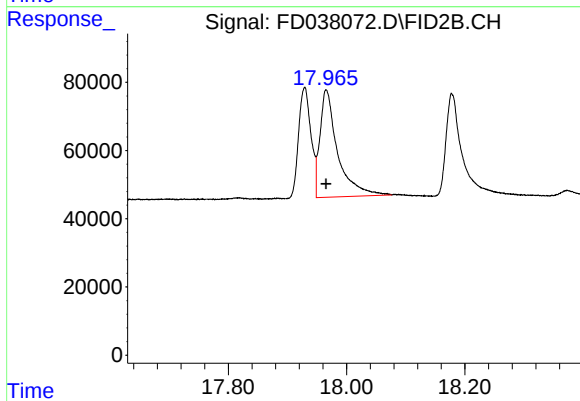
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.564 min
Delta R.T.: 0.000 min
Response: 611070
Conc: 5.27 ug/ml



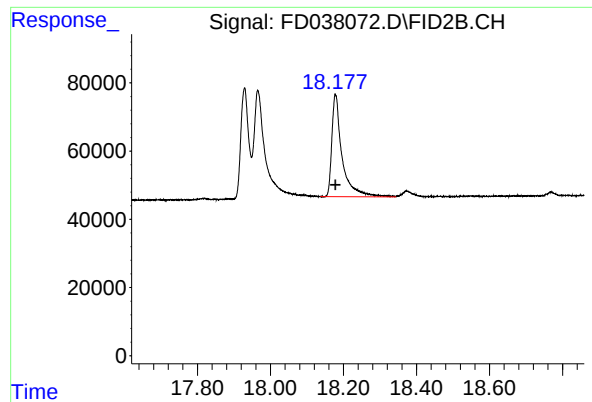
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.930 min
Delta R.T.: 0.000 min
Response: 471387
Conc: 4.57 ug/ml



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

R.T.: 17.965 min
Delta R.T.: 0.000 min
Response: 653474
Conc: 5.64 ug/ml



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

R.T.: 18.178 min
Delta R.T.: 0.000 min
Response: 585100
Conc: 5.49 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5