

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AR\
 Data File : FG014775.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 11:27
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Nov 14 11:48:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 11:47:58 2024
 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...	8.001	669799	5.465 ug/ml
Spiked Amount 50.000		Recovery =	10.93%
6) S 2-Fluorobiphenyl (SURR)	8.874	442102	5.398 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.80%
11) S ortho-Terphenyl (SURR)	11.945	729425	5.440 ug/ml
Spiked Amount 50.000		Recovery =	10.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.607	754643	5.565 ug/ml
2) T Naphthalene (C11.7)	6.276	763663	5.494 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	735488	5.447 ug/ml
5) T Acenaphthylene (C15.06)	8.675	747478	5.437 ug/ml
7) T Acenaphthene (C15.5)	8.974	724649	5.422 ug/ml
8) T Fluorene (C16.55)	9.764	721811	5.396 ug/ml
9) T Phenanthrene (C19.36)	11.172	693382	5.355 ug/ml
10) T Anthracene (C19.43)	11.246	682518	5.332 ug/ml
12) T Fluoranthene (C21.85)	12.992	683925	5.357 ug/ml
13) T Pyrene (C20.8)	13.291	677605	5.353 ug/ml
14) T Benzo[a]anthracene (C...	15.169	650844	5.388 ug/ml
15) T Chrysene (C27.41)	15.212	663168	5.483 ug/ml
16) T benzo[b]fluoranthene ...	16.726	673393	5.493 ug/ml
17) T Bnezo[k]fluoranthene ...	16.757	707362	5.742 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.105	646265	5.498 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.473	631529	5.422 ug/ml
20) T Dibenz[a,h]anthracene...	18.515	796358	6.202 ug/ml
21) T Benzo[g,h,i]perylene ...	18.728	701926	5.574 ug/ml

(f)=RT Delta > 1/2 Window

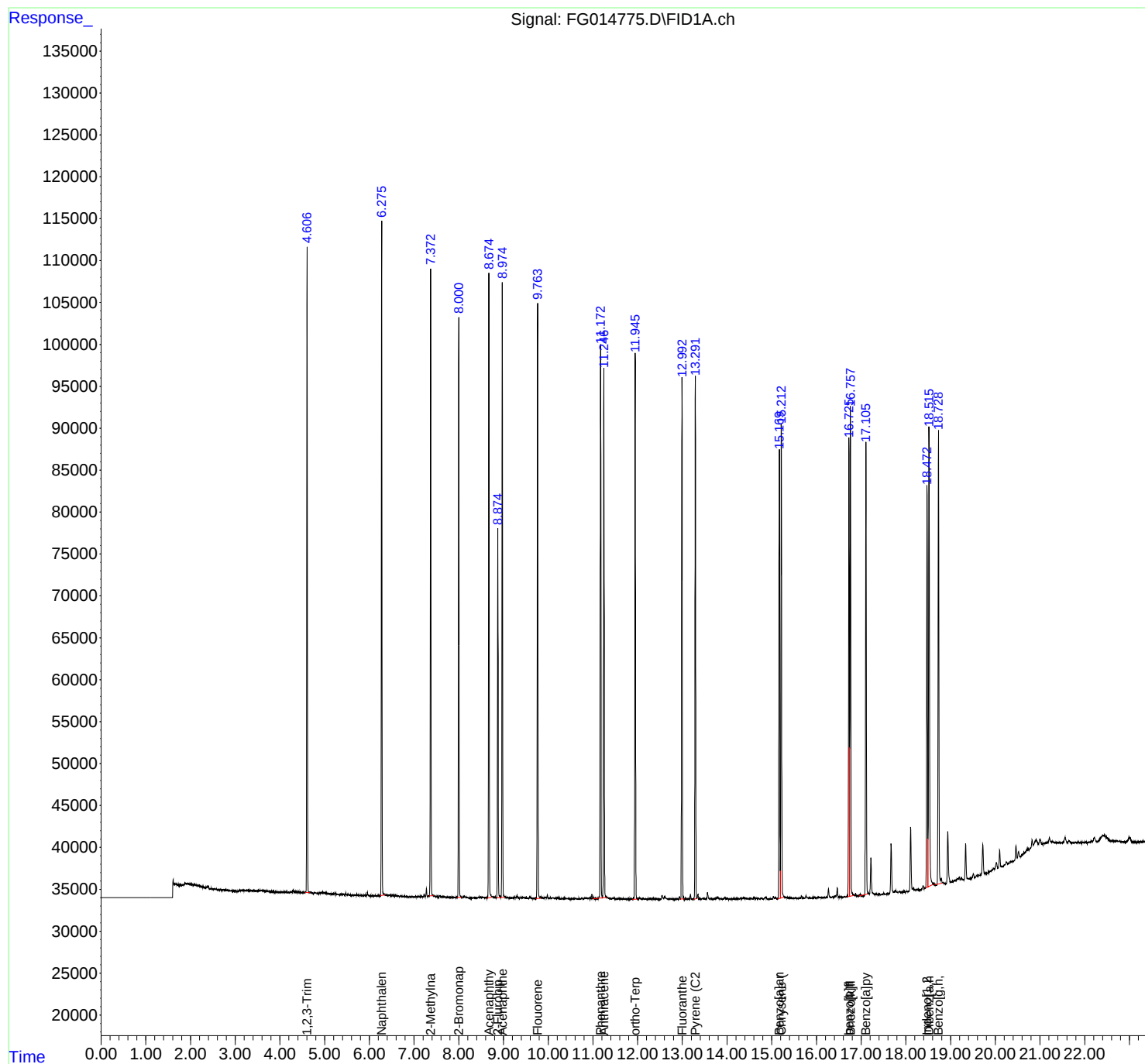
(m)=manual int.

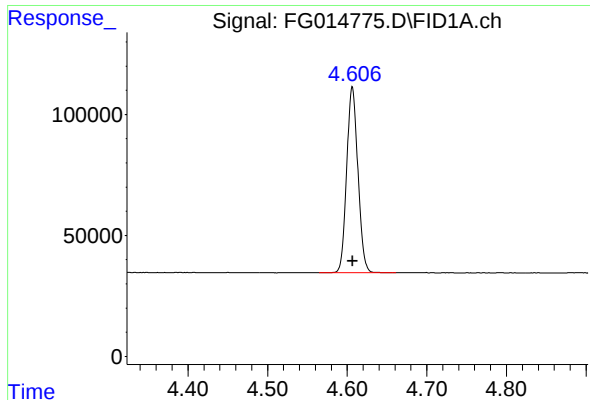
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG11424AR\
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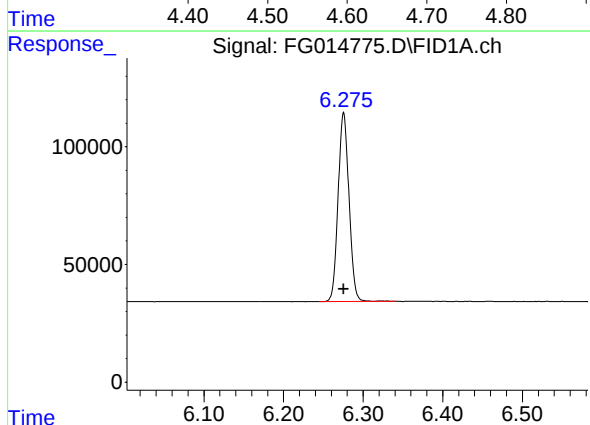




#1 1,2,3-Trimethylbenzene (C10.1)

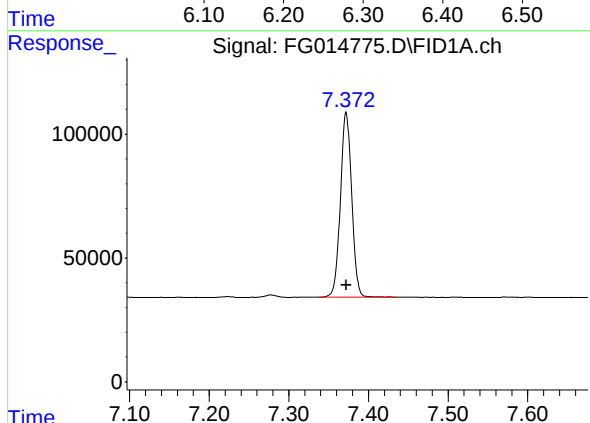
R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 754643
Conc: 5.56 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



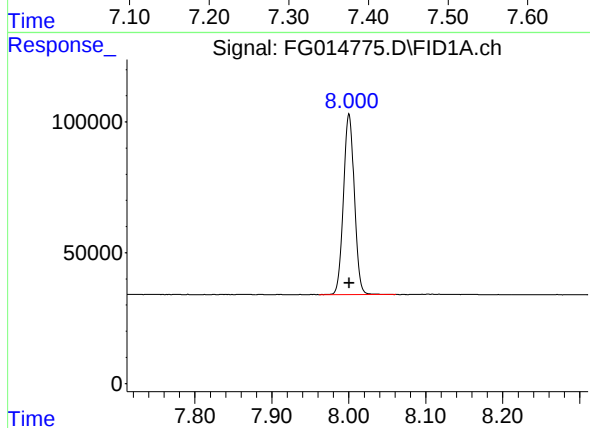
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 763663
Conc: 5.49 ug/ml



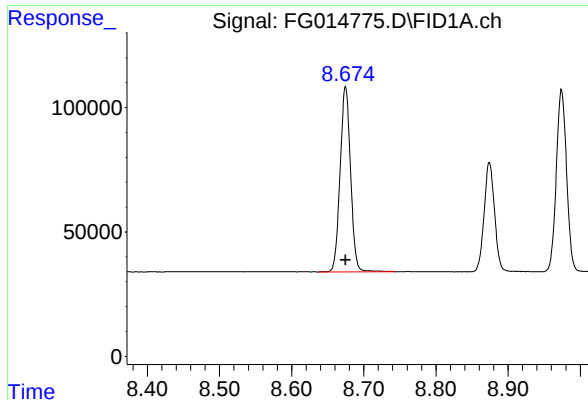
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 735488
Conc: 5.45 ug/ml



#4 2-Bromonaphthalene (SURR)

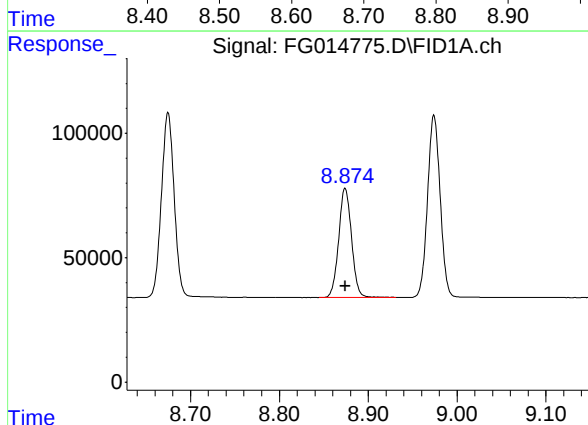
R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 669799
Conc: 5.46 ug/ml



#5 Acenaphthylene (C15.06)

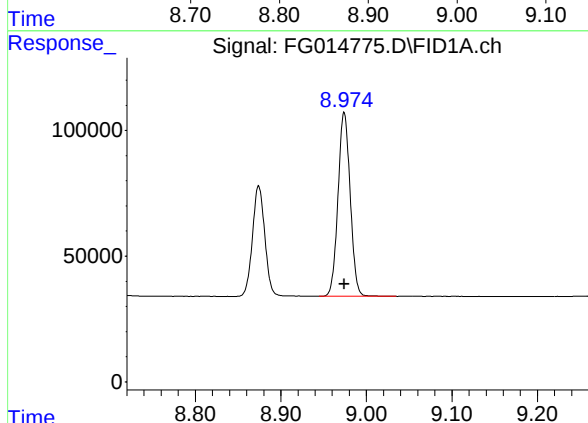
R.T.: 8.675 min
Delta R.T.: 0.000 min
Response: 747478
Conc: 5.44 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



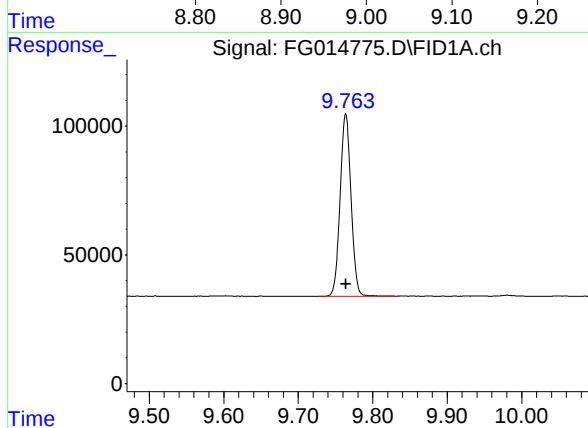
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.874 min
Delta R.T.: 0.000 min
Response: 442102
Conc: 5.40 ug/ml



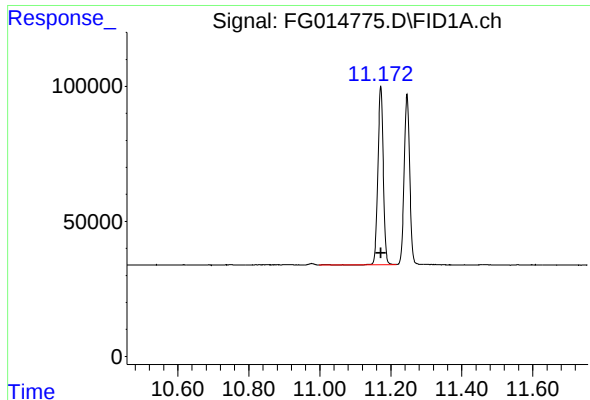
#7 Acenaphthene (C15.5)

R.T.: 8.974 min
Delta R.T.: 0.000 min
Response: 724649
Conc: 5.42 ug/ml



#8 Flouorene (C16.55)

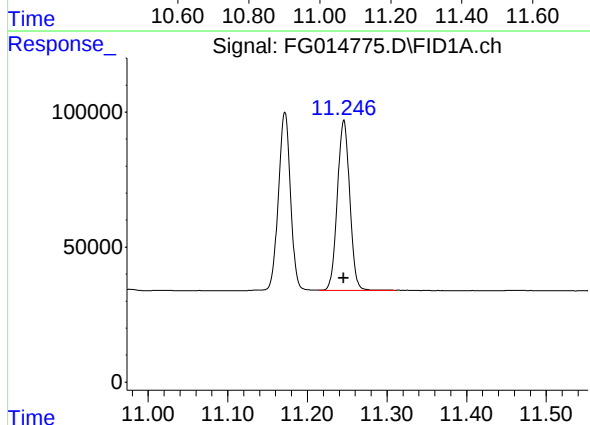
R.T.: 9.764 min
Delta R.T.: 0.000 min
Response: 721811
Conc: 5.40 ug/ml



#9 Phenanthrene (C19.36)

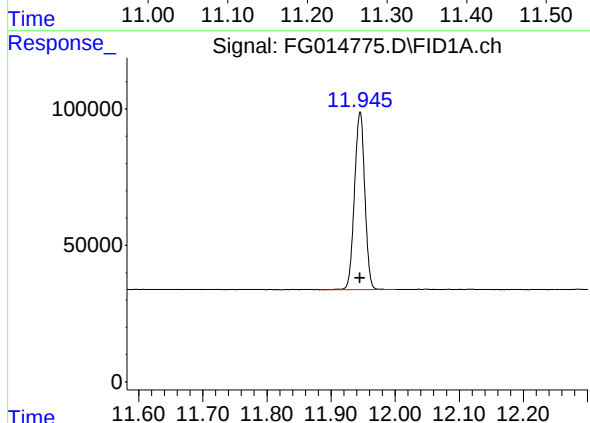
R.T.: 11.172 min
Delta R.T.: 0.000 min
Response: 693382
Conc: 5.35 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



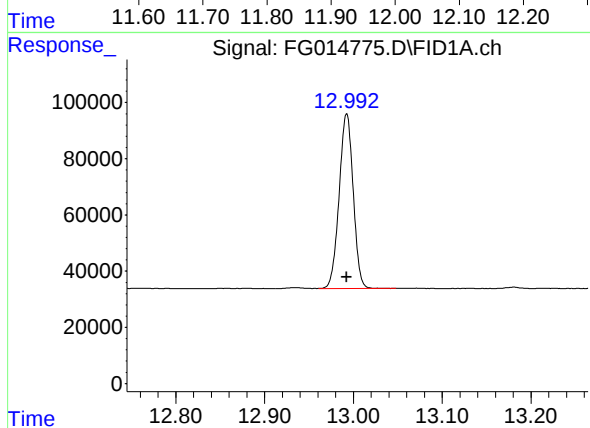
#10 Anthracene (C19.43)

R.T.: 11.246 min
Delta R.T.: 0.000 min
Response: 682518
Conc: 5.33 ug/ml



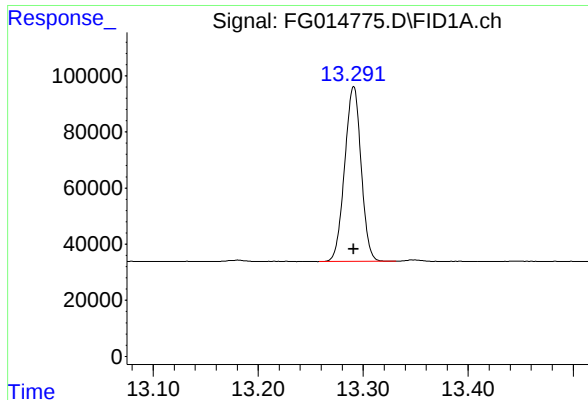
#11 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: 0.000 min
Response: 729425
Conc: 5.44 ug/ml



#12 Fluoranthene (C21.85)

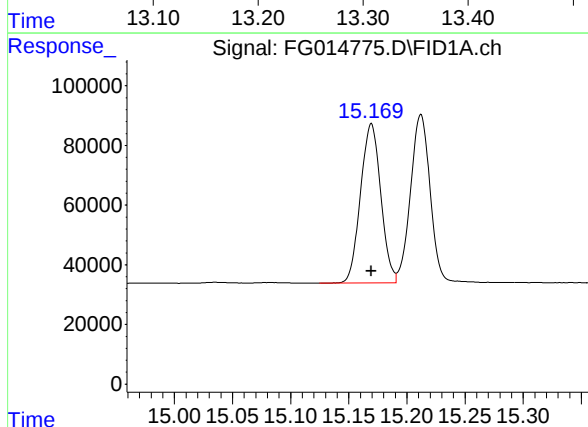
R.T.: 12.992 min
Delta R.T.: 0.000 min
Response: 683925
Conc: 5.36 ug/ml



#13 Pyrene (C20.8)

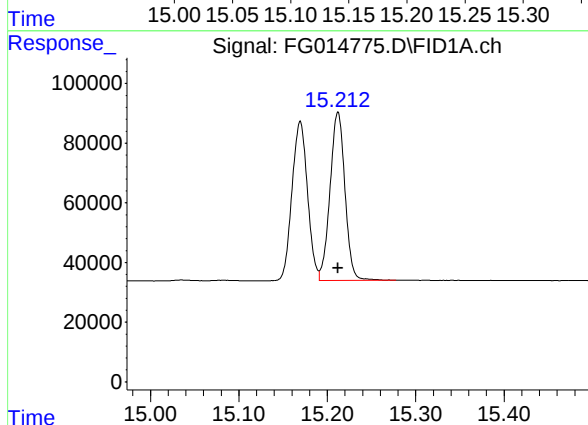
R.T.: 13.291 min
Delta R.T.: 0.000 min
Response: 677605
Conc: 5.35 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



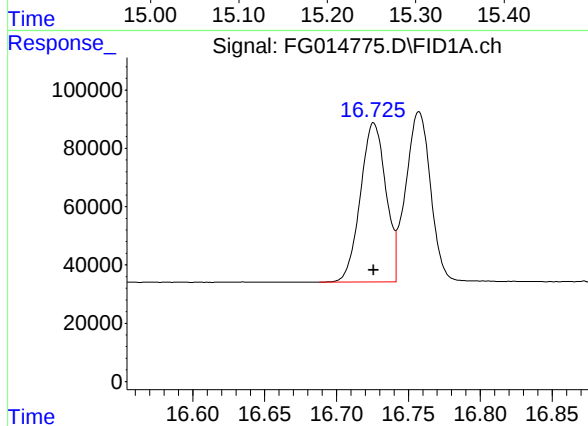
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.169 min
Delta R.T.: 0.000 min
Response: 650844
Conc: 5.39 ug/ml



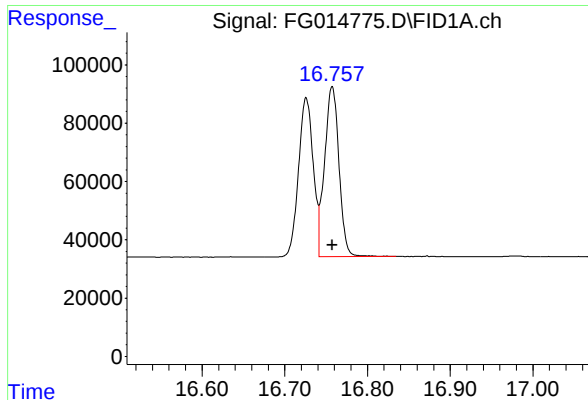
#15 Chrysene (C27.41)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 663168
Conc: 5.48 ug/ml



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

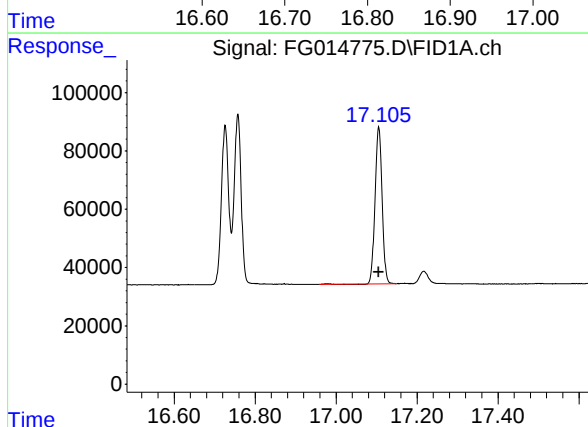
R.T.: 16.726 min
Delta R.T.: 0.000 min
Response: 673393
Conc: 5.49 ug/ml



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

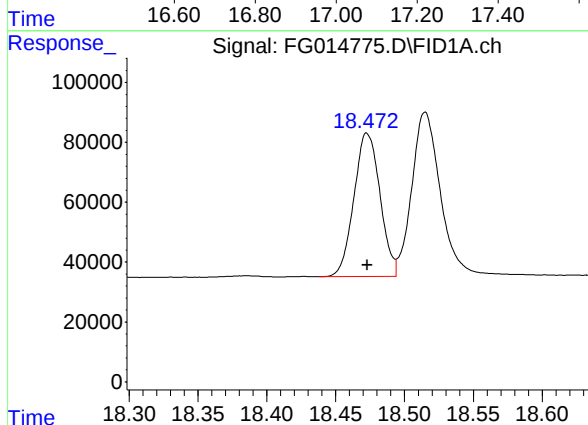
R.T.: 16.757 min
Delta R.T.: 0.000 min
Response: 707362
Conc: 5.74 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



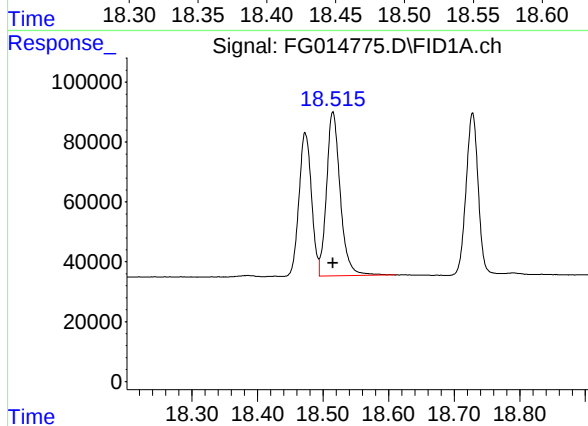
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.105 min
Delta R.T.: 0.000 min
Response: 646265
Conc: 5.50 ug/ml



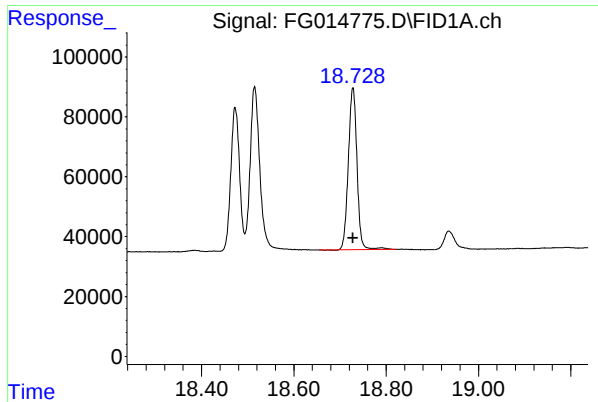
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.473 min
Delta R.T.: 0.000 min
Response: 631529
Conc: 5.42 ug/ml



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

R.T.: 18.515 min
Delta R.T.: 0.000 min
Response: 796358
Conc: 6.20 ug/ml



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

R.T.: 18.728 min
Delta R.T.: 0.000 min
Response: 701926
Conc: 5.57 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5