

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225AR\
 Data File : FG016742.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 16:20
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 03 01:40:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 01:39:10 2025
 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...	8.086	1084436	9.496 ug/ml
Spiked Amount 50.000		Recovery =	18.99%
6) S 2-Fluorobiphenyl (SURR)	8.971	662209	9.230 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.46%
11) S ortho-Terphenyl (SURR)	12.048	1429100	10.144 ug/ml
Spiked Amount 50.000		Recovery =	20.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.671	1308144	9.951 ug/ml
2) T Naphthalene (C11.7)	6.353	1339168	9.777 ug/ml
3) T 2-Methylnaphthalene (...)	7.455	1299193	9.820 ug/ml
5) T Acenaphthylene (C15.06)	8.766	1196994	9.451 ug/ml
7) T Acenaphthene (C15.5)	9.066	1474314	10.773 ug/ml
8) T Flouorene (C16.55)	9.864	1271699	9.684 ug/ml
9) T Phenanthrene (C19.36)	11.279	1210847	9.565 ug/ml
10) T Anthracene (C19.43)	11.356	1473581	10.332 ug/ml
12) T Fluoranthene (C21.85)	13.112	1354283	9.954 ug/ml
13) T Pyrene (C20.8)	13.411	1380124	10.050 ug/ml
14) T Benzo[a]anthracene (C...	15.307	1065826	9.325 ug/ml
15) T Chrysene (C27.41)	15.349	1588291	11.194 ug/ml
16) T benzo[b]fluoranthene ...	16.876	1026808	9.487 ug/ml
17) T Bnezo[k]fluoranthene ...	16.907	1461877	10.647 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.263	1123133	9.747 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.646	701437	9.120 ug/ml
20) T Dibenz[a,h]anthracene...	18.684	1588181	10.784 ug/ml
21) T Benzo[g,h,i]perylene ...	18.898	1109059	10.070 ug/ml

(f)=RT Delta > 1/2 Window

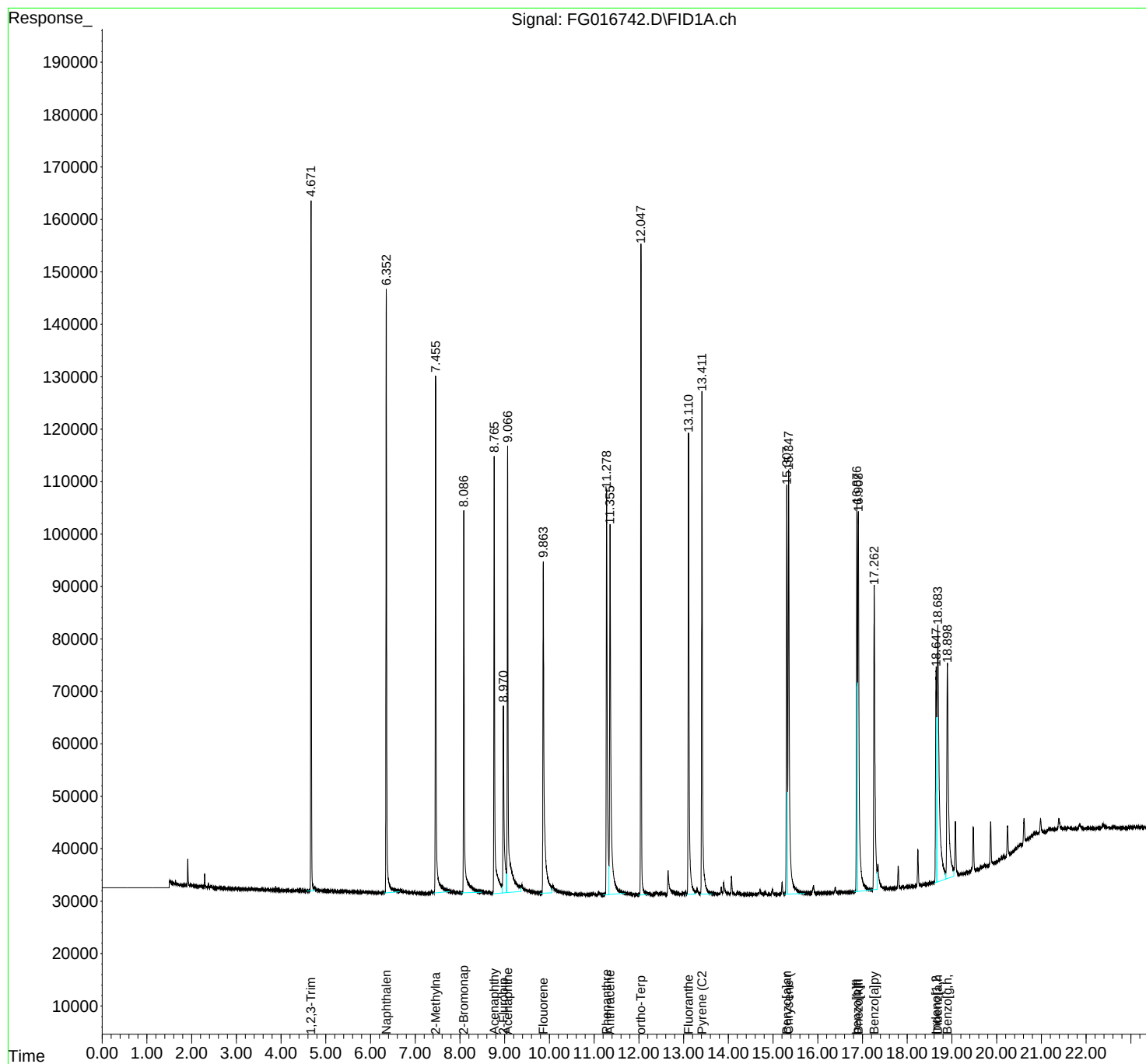
(m)=manual int.

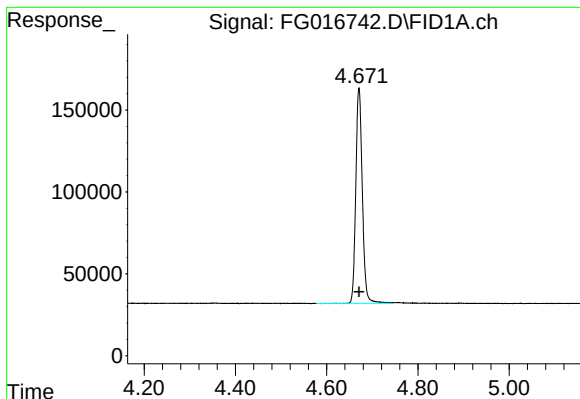
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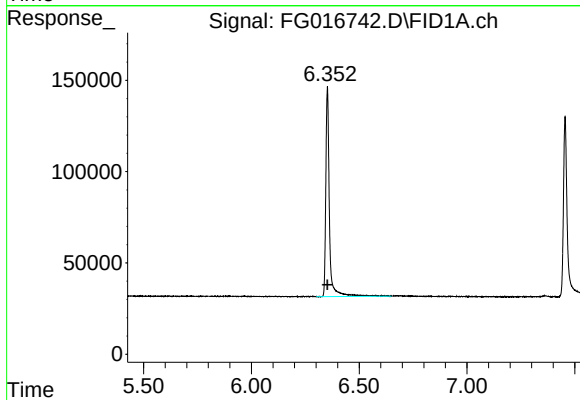




#1 1,2,3-Trimethylbenzene (C10.1)

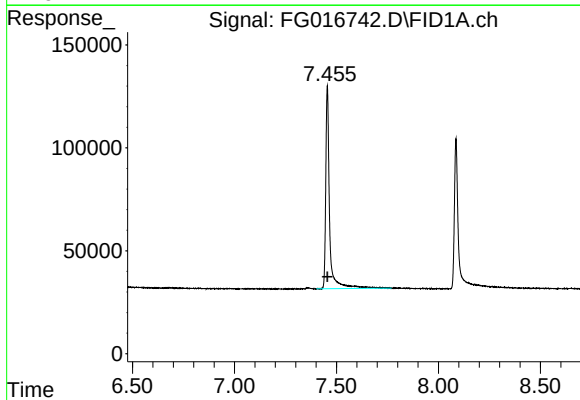
R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 1308144
Conc: 9.95 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



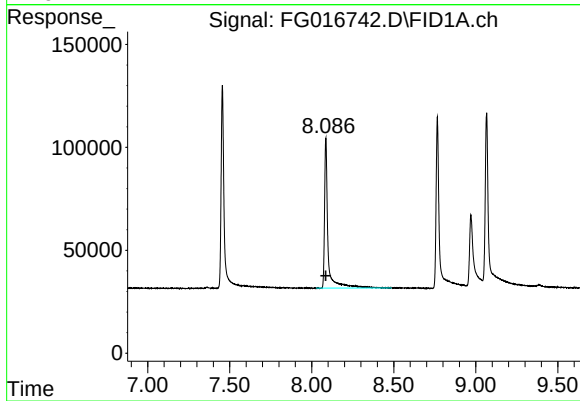
#2 Naphthalene (C11.7)

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 1339168
Conc: 9.78 ug/ml



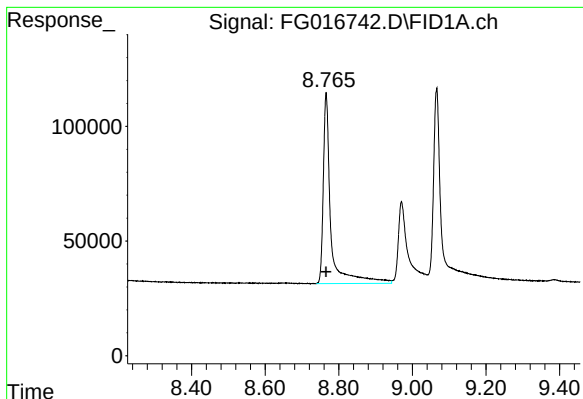
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 1299193
Conc: 9.82 ug/ml



#4 2-Bromonaphthalene (SURR)

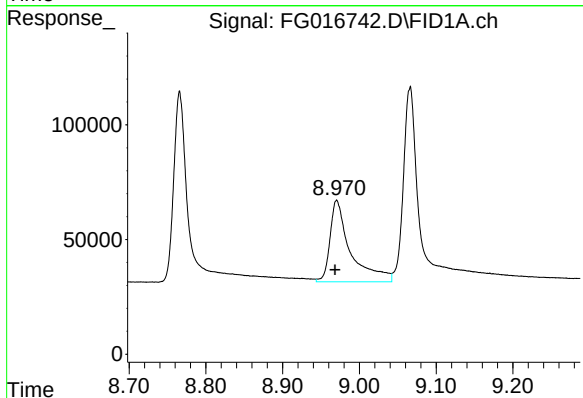
R.T.: 8.086 min
Delta R.T.: 0.000 min
Response: 1084436
Conc: 9.50 ug/ml



#5 Acenaphthylene (C15.06)

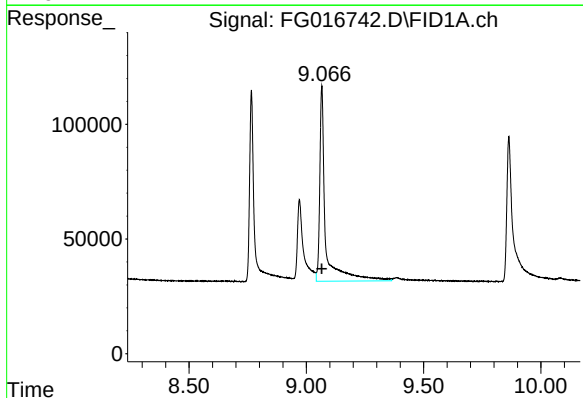
R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 1196994
Conc: 9.45 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



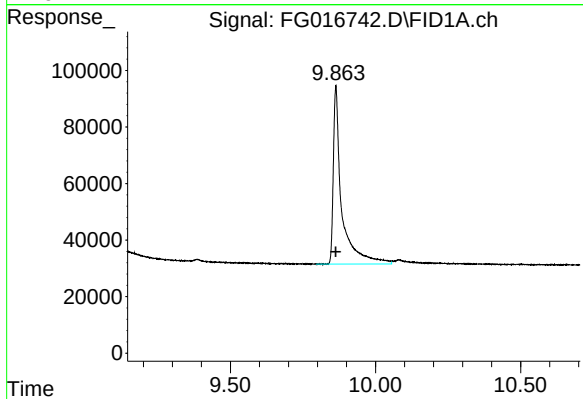
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.971 min
Delta R.T.: 0.002 min
Response: 662209
Conc: 9.23 ug/ml



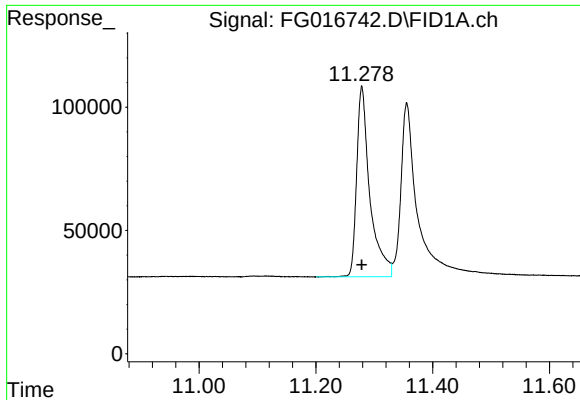
#7 Acenaphthene (C15.5)

R.T.: 9.066 min
Delta R.T.: 0.000 min
Response: 1474314
Conc: 10.77 ug/ml



#8 Fluorene (C16.55)

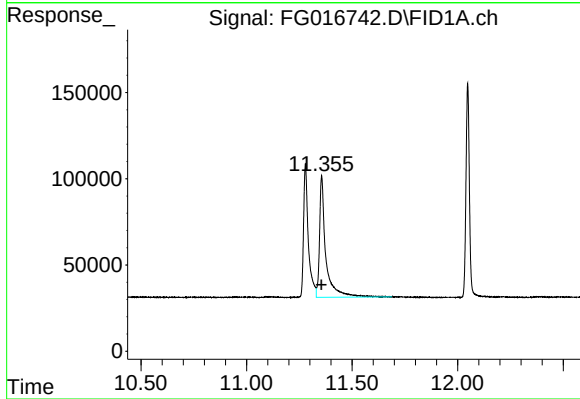
R.T.: 9.864 min
Delta R.T.: 0.000 min
Response: 1271699
Conc: 9.68 ug/ml



#9 Phenanthrene (C19.36)

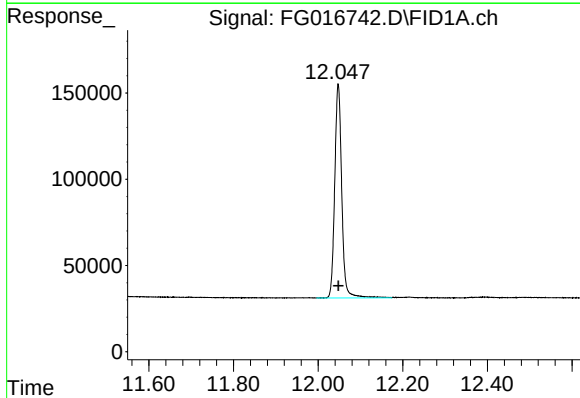
R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 1210847
Conc: 9.57 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



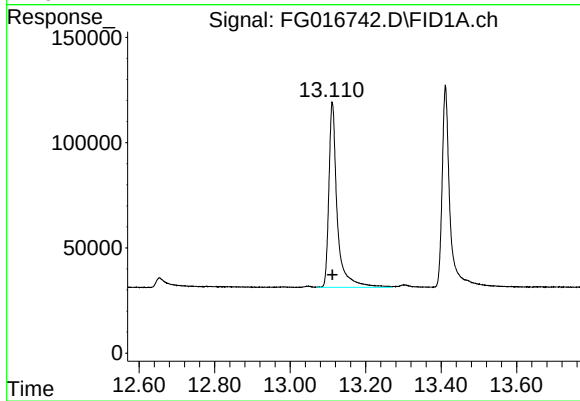
#10 Anthracene (C19.43)

R.T.: 11.356 min
Delta R.T.: 0.001 min
Response: 1473581
Conc: 10.33 ug/ml



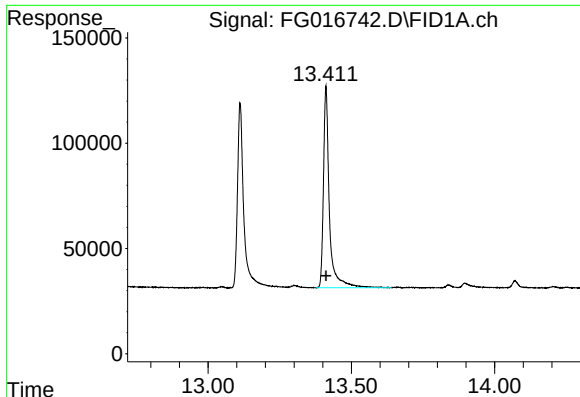
#11 ortho-Terphenyl (SURR)

R.T.: 12.048 min
Delta R.T.: 0.000 min
Response: 1429100
Conc: 10.14 ug/ml



#12 Fluoranthene (C21.85)

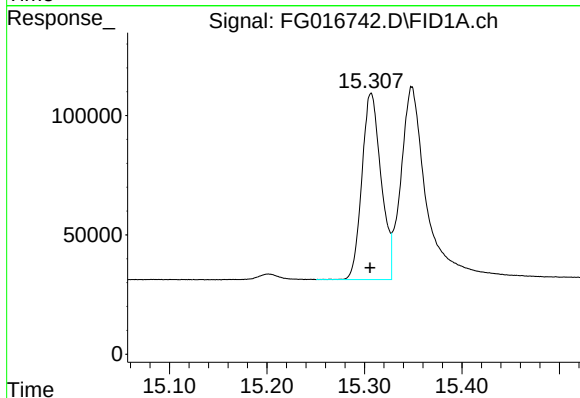
R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 1354283
Conc: 9.95 ug/ml



#13 Pyrene (C20.8)

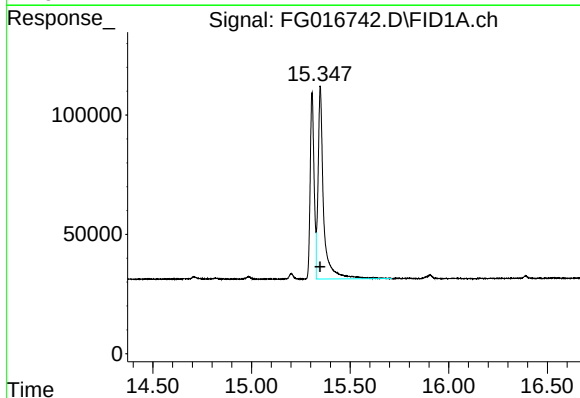
R.T.: 13.411 min
Delta R.T.: 0.000 min
Response: 1380124
Conc: 10.05 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



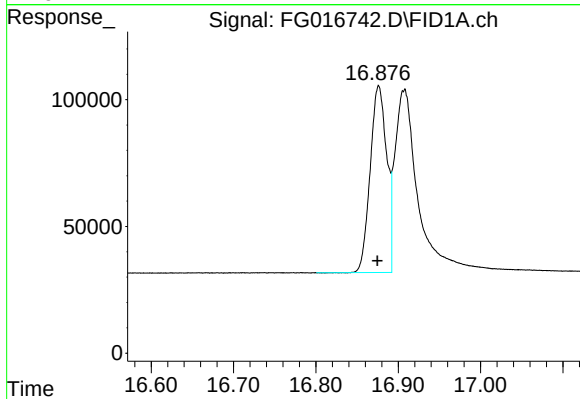
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.307 min
Delta R.T.: 0.001 min
Response: 1065826
Conc: 9.32 ug/ml



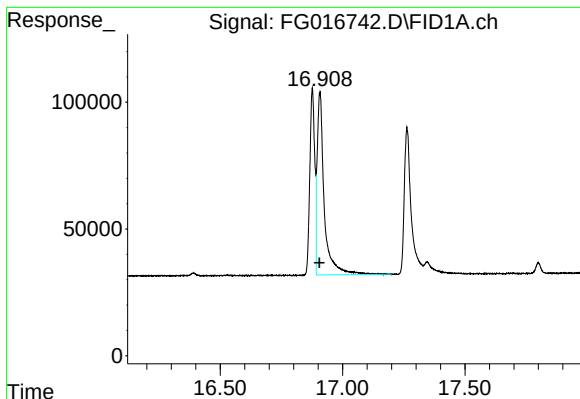
#15 Chrysene (C27.41)

R.T.: 15.349 min
Delta R.T.: 0.000 min
Response: 1588291
Conc: 11.19 ug/ml



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

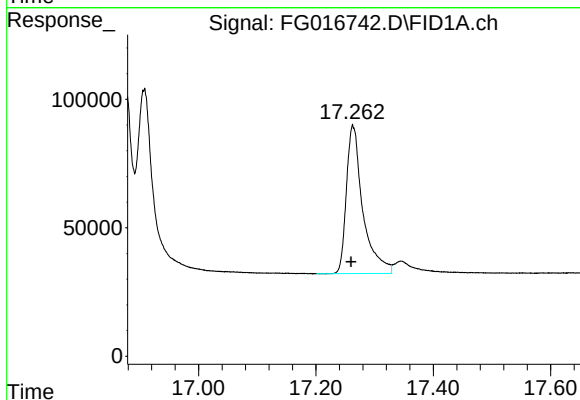
R.T.: 16.876 min
Delta R.T.: 0.002 min
Response: 1026808
Conc: 9.49 ug/ml



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

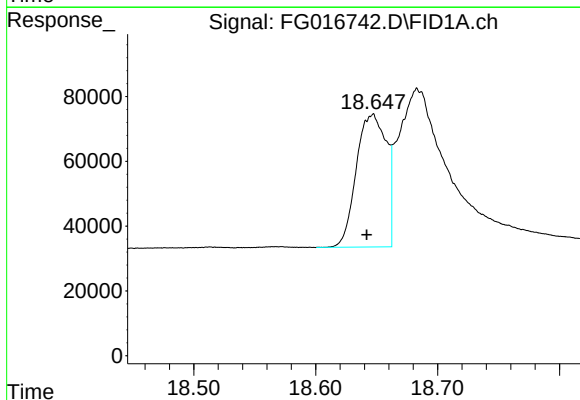
R.T.: 16.907 min
Delta R.T.: 0.002 min
Response: 1461877
Conc: 10.65 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



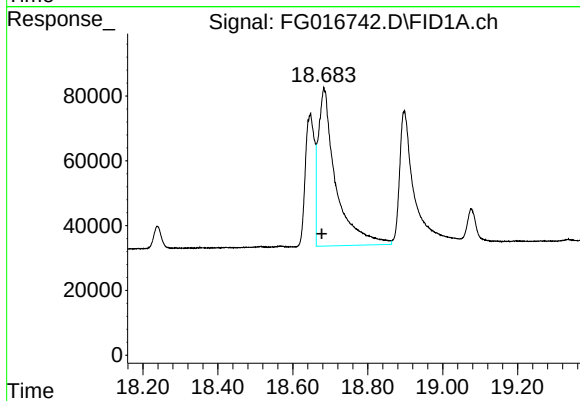
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.263 min
Delta R.T.: 0.004 min
Response: 1123133
Conc: 9.75 ug/ml



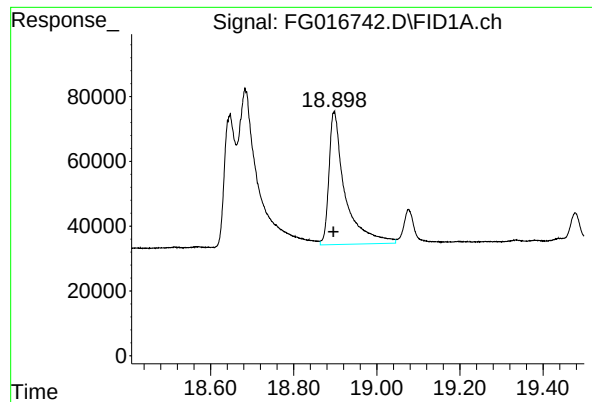
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.646 min
Delta R.T.: 0.004 min
Response: 701437
Conc: 9.12 ug/ml



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

R.T.: 18.684 min
Delta R.T.: 0.006 min
Response: 1588181
Conc: 10.78 ug/ml



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

R.T.: 18.898 min
Delta R.T.: 0.002 min
Response: 1109059
Conc: 10.07 ug/ml

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