

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AR\
 Data File : FG016641.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 11:18
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 25 12:43:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 092525.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 25 12:34:32 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...	8.095	574464	5.022 ug/ml
Spiked Amount 50.000		Recovery =	10.04%
6) S 2-Fluorobiphenyl (SURR)	8.984	333201	4.462 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.92%
11) S ortho-Terphenyl (SURR)	12.054	754458	5.324 ug/ml
Spiked Amount 50.000		Recovery =	10.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.677	675241	5.129 ug/ml
2) T Naphthalene (C11.7)	6.360	713482	5.143 ug/ml
3) T 2-Methylnaphthalene (...)	7.463	687062	5.035 ug/ml
5) T Acenaphthylene (C15.06)	8.774	616416	4.736 ug/ml
7) T Acenaphthene (C15.5)	9.074	786216	5.404 ug/ml
8) T Flouorene (C16.55)	9.874	681319	5.060 ug/ml
9) T Phenanthrene (C19.36)	11.290	612629	4.786 ug/ml
10) T Anthracene (C19.43)	11.367	824077	5.805 ug/ml
12) T Fluoranthene (C21.85)	13.123	721557	5.290 ug/ml
13) T Pyrene (C20.8)	13.423	752595	5.483 ug/ml
14) T Benzo[a]anthracene (C...	15.322	494350	4.379 ug/ml
15) T Chrysene (C27.41)	15.364	932110	6.233 ug/ml
16) T benzo[b]fluoranthene ...	16.889	455454	4.189 ug/ml
17) T Bnezo[k]fluoranthene ...	16.920	889110	6.319 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.277	601654	5.008 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.667	414711	5.039 ug/ml
20) T Dibenz[a,h]anthracene...	18.700	834310	5.633 ug/ml
21) T Benzo[g,h,i]perylene ...	18.910	603331	5.349 ug/ml

(f)=RT Delta > 1/2 Window

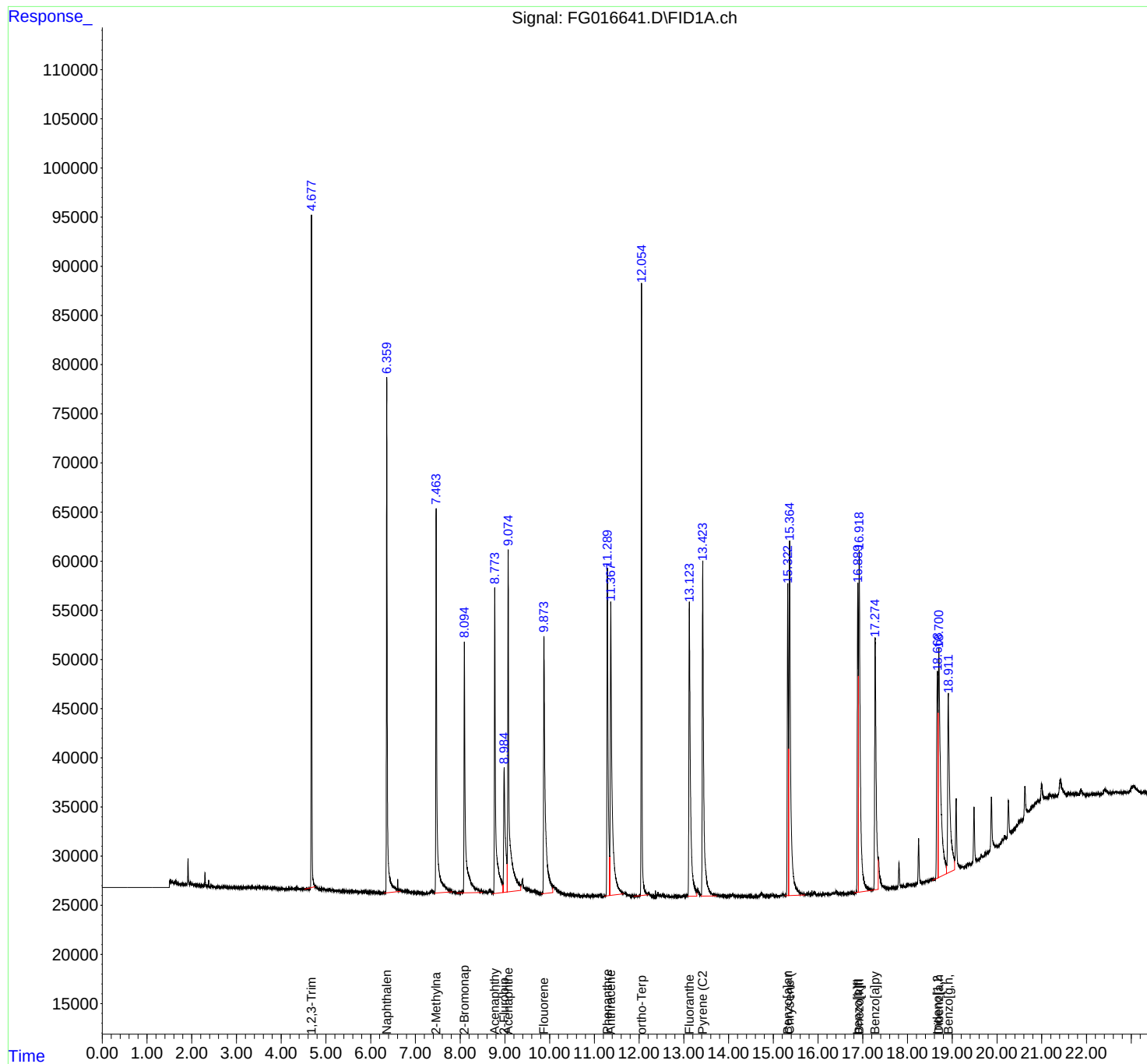
(m)=manual int.

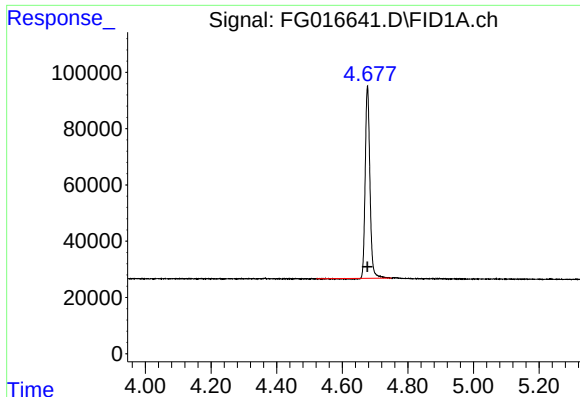
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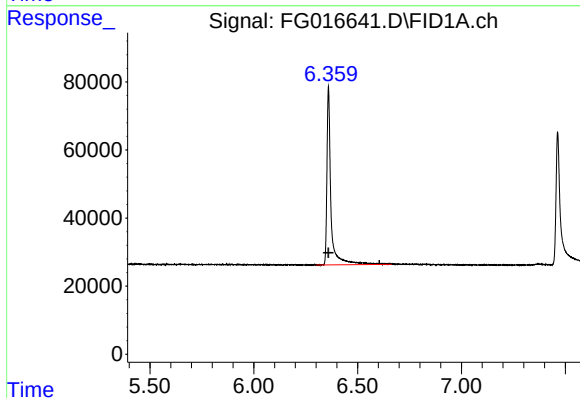




#1 1,2,3-Trimethylbenzene (C10.1)

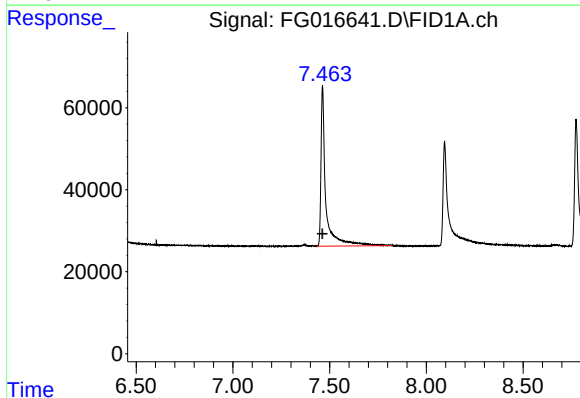
R.T.: 4.677 min
Delta R.T.: 0.000 min
Response: 675241
Conc: 5.13 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



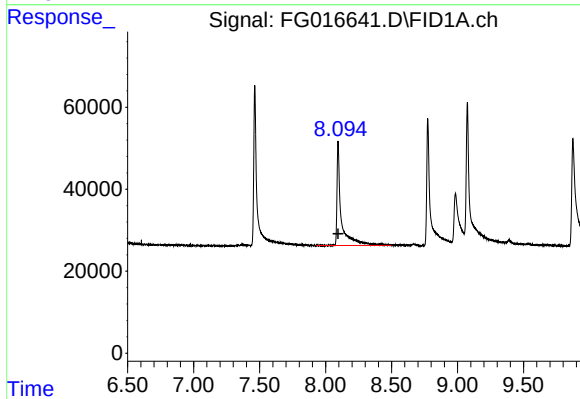
#2 Naphthalene (C11.7)

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 713482
Conc: 5.14 ug/ml



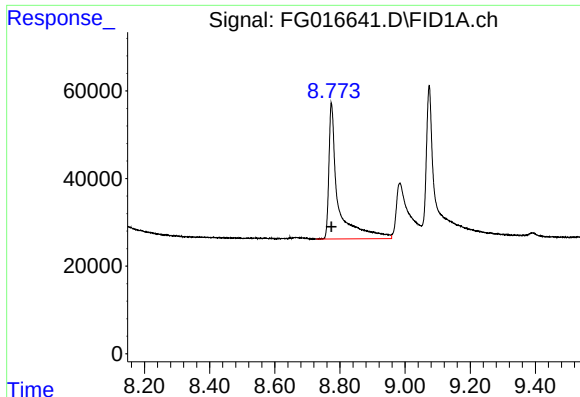
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 687062
Conc: 5.03 ug/ml



#4 2-Bromonaphthalene (SURR)

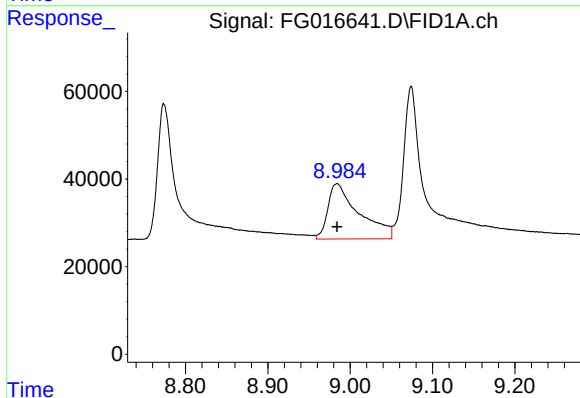
R.T.: 8.095 min
Delta R.T.: 0.000 min
Response: 574464
Conc: 5.02 ug/ml



#5 Acenaphthylene (C15.06)

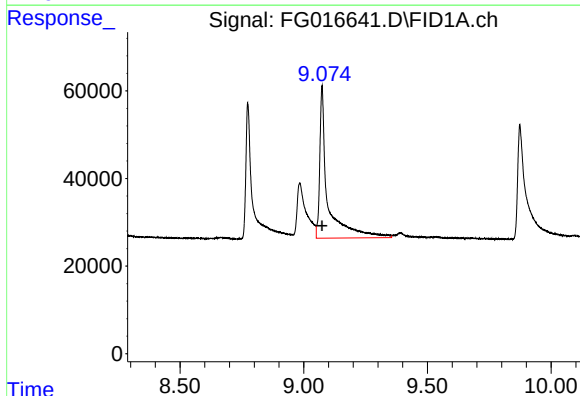
R.T.: 8.774 min
Delta R.T.: 0.000 min
Response: 616416
Conc: 4.74 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



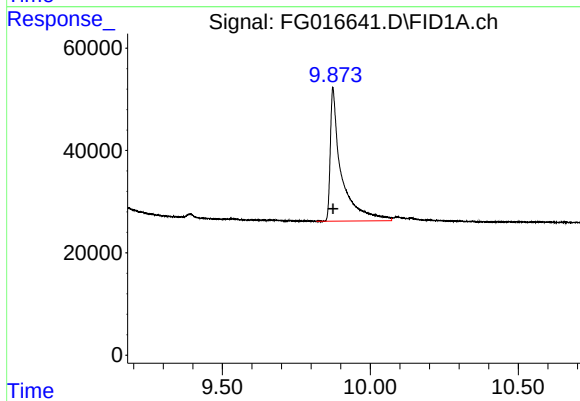
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.984 min
Delta R.T.: 0.000 min
Response: 333201
Conc: 4.46 ug/ml



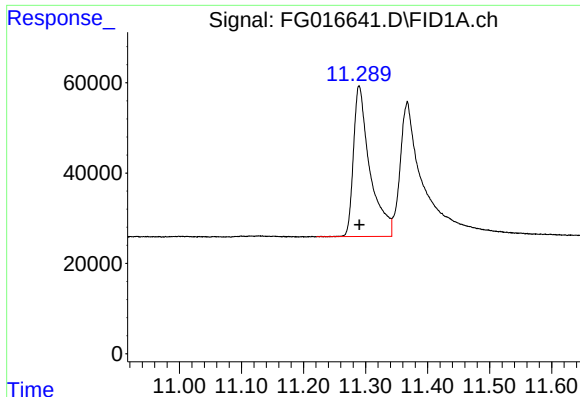
#7 Acenaphthene (C15.5)

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 786216
Conc: 5.40 ug/ml



#8 Fluorene (C16.55)

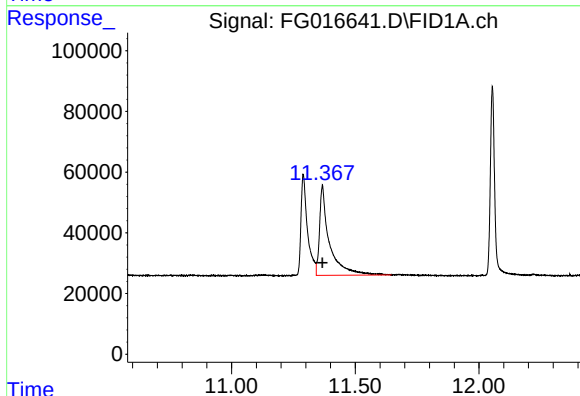
R.T.: 9.874 min
Delta R.T.: 0.000 min
Response: 681319
Conc: 5.06 ug/ml



#9 Phenanthrene (C19.36)

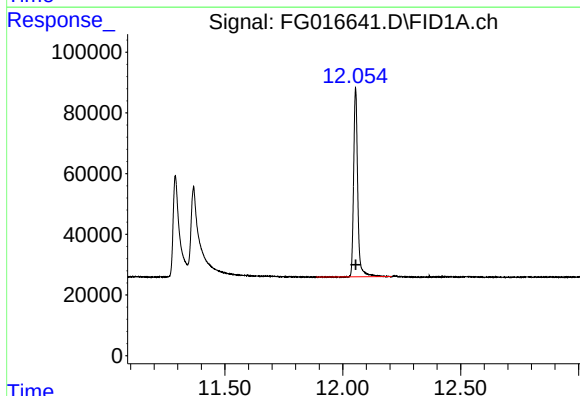
R.T.: 11.290 min
Delta R.T.: 0.000 min
Response: 612629
Conc: 4.79 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



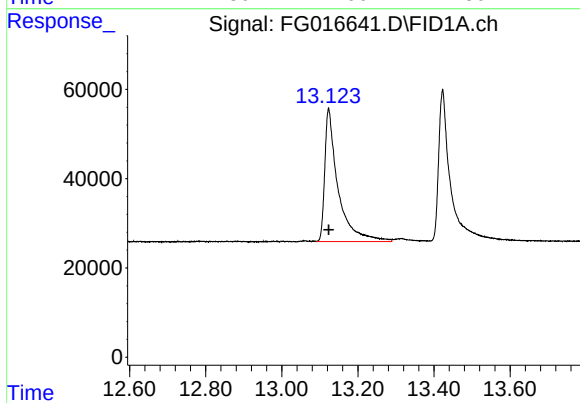
#10 Anthracene (C19.43)

R.T.: 11.367 min
Delta R.T.: 0.000 min
Response: 824077
Conc: 5.81 ug/ml



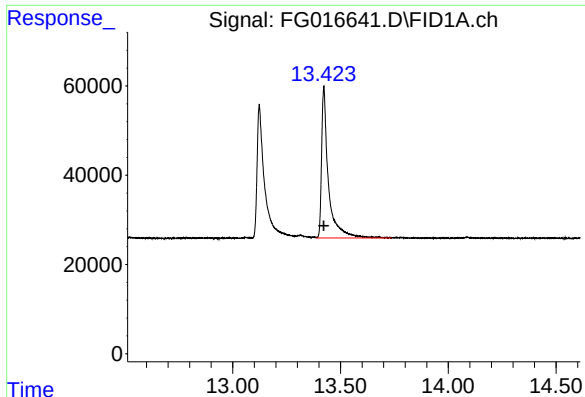
#11 ortho-Terphenyl (SURR)

R.T.: 12.054 min
Delta R.T.: 0.000 min
Response: 754458
Conc: 5.32 ug/ml



#12 Fluoranthene (C21.85)

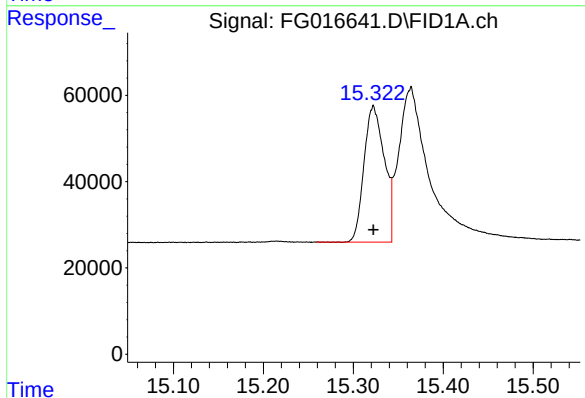
R.T.: 13.123 min
Delta R.T.: 0.000 min
Response: 721557
Conc: 5.29 ug/ml



#13 Pyrene (C20.8)

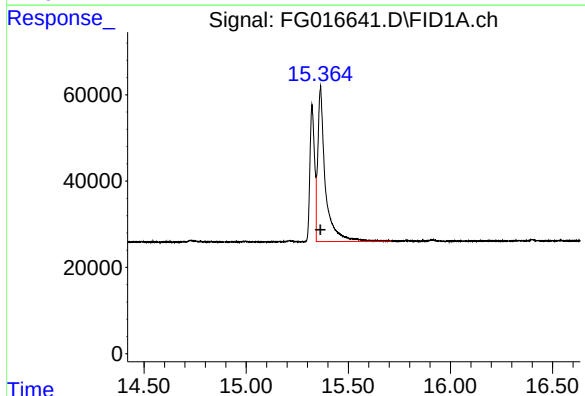
R.T.: 13.423 min
Delta R.T.: 0.000 min
Response: 752595
Conc: 5.48 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



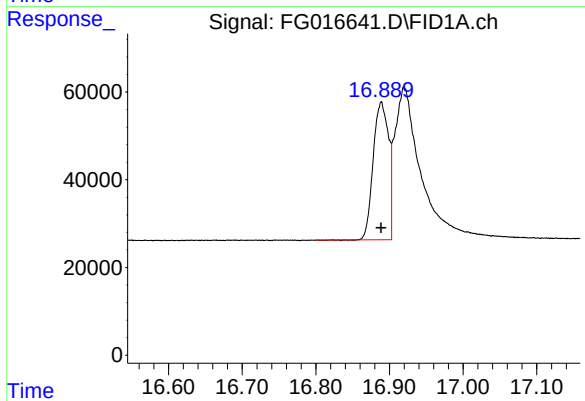
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.322 min
Delta R.T.: 0.000 min
Response: 494350
Conc: 4.38 ug/ml



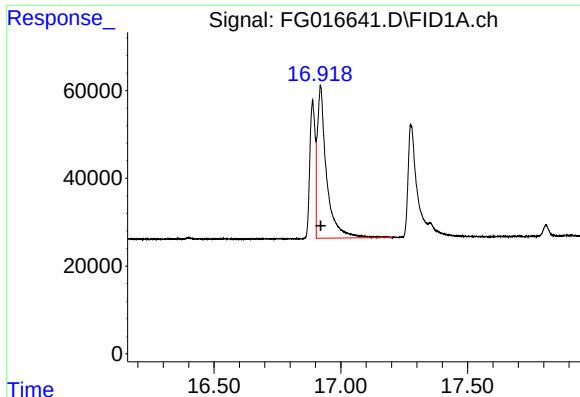
#15 Chrysene (C27.41)

R.T.: 15.364 min
Delta R.T.: 0.000 min
Response: 932110
Conc: 6.23 ug/ml



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

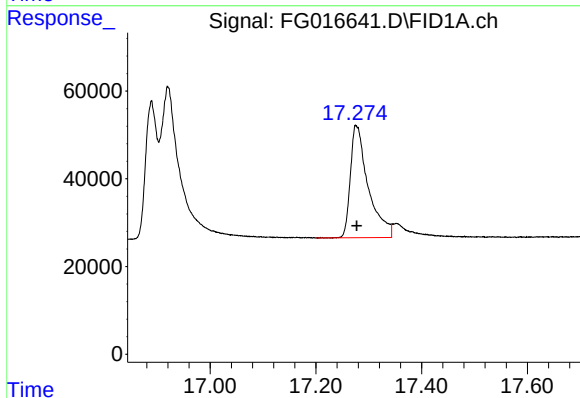
R.T.: 16.889 min
Delta R.T.: 0.000 min
Response: 455454
Conc: 4.19 ug/ml



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

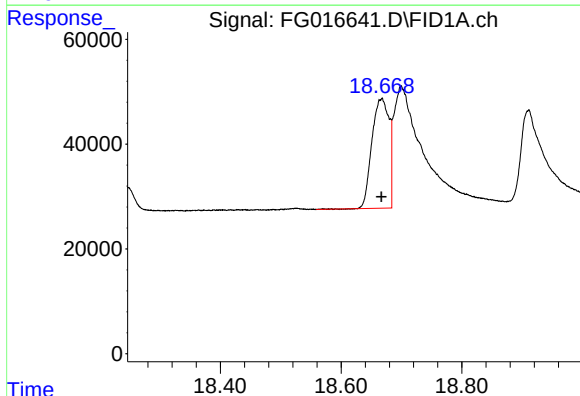
R.T.: 16.920 min
Delta R.T.: 0.000 min
Response: 889110
Conc: 6.32 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



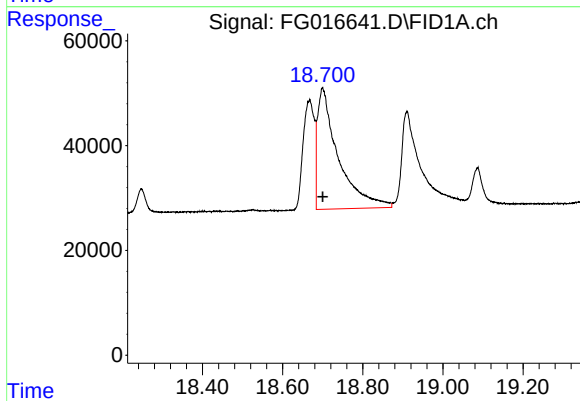
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.277 min
Delta R.T.: 0.000 min
Response: 601654
Conc: 5.01 ug/ml



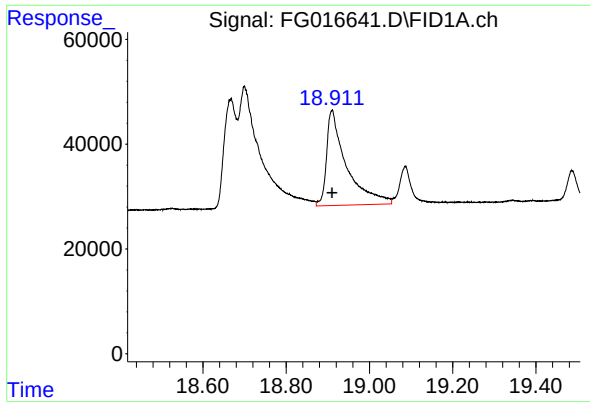
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.667 min
Delta R.T.: 0.000 min
Response: 414711
Conc: 5.04 ug/ml



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

R.T.: 18.700 min
Delta R.T.: 0.000 min
Response: 834310
Conc: 5.63 ug/ml



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

R.T.: 18.910 min
Delta R.T.: 0.000 min
Response: 603331
Conc: 5.35 ug/ml

Instrument :

FID_G

ClientSampleId :

5 PPM AROMATIC HC STD5