

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AR\
 Data File : FG017018.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 19:44
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 01 08:56:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:55:13 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

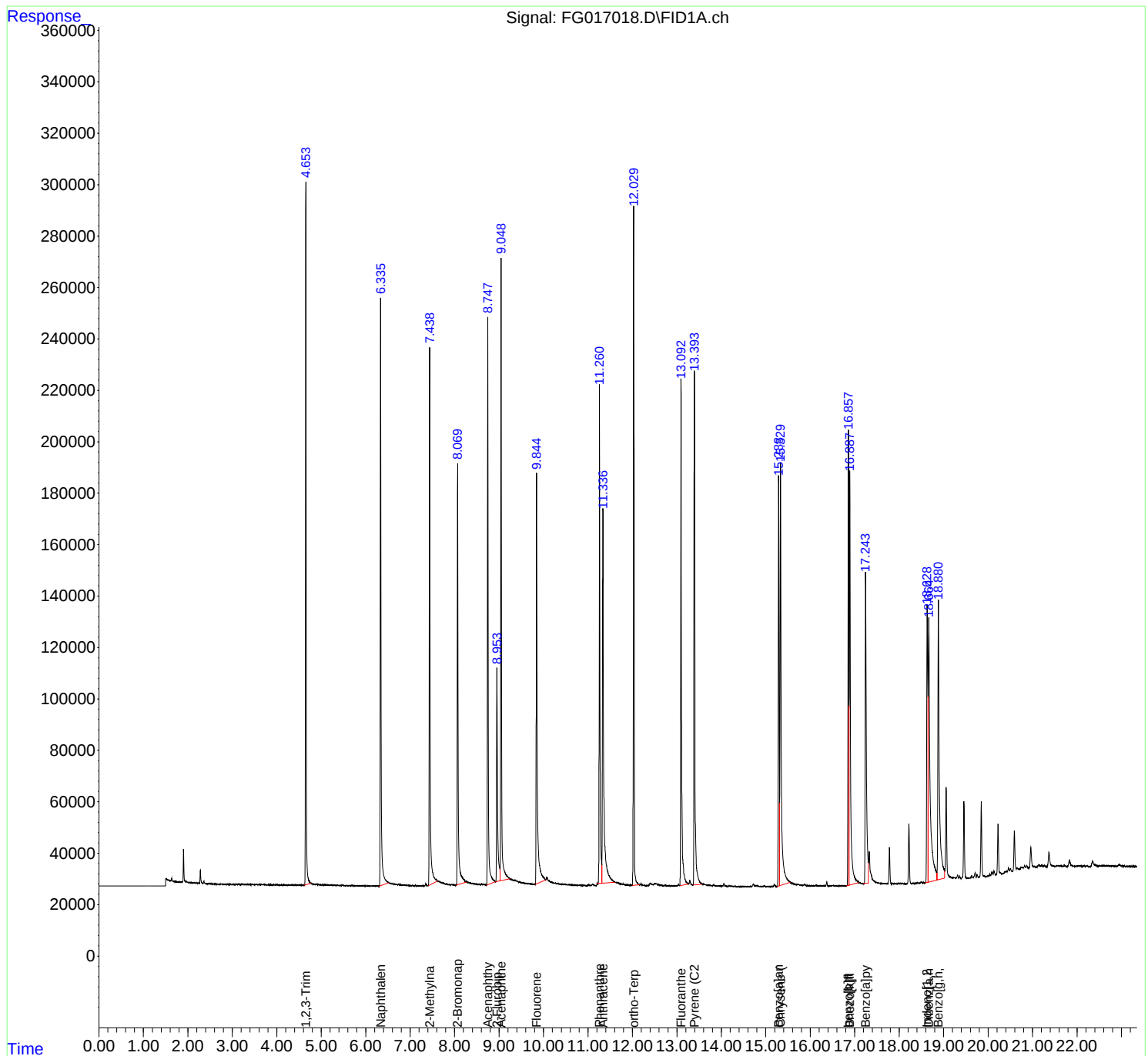
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.069	2171096	23.321 ug/ml
Spiked Amount 50.000		Recovery =	46.64%
6) S 2-Fluorobiphenyl (SURR)	8.953	1246975	22.167 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.33%
11) S ortho-Terphenyl (SURR)	12.029	3077455	21.618 ug/ml
Spiked Amount 50.000		Recovery =	43.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.653	2869337	21.703 ug/ml
2) T Naphthalene (C11.7)	6.336	2763279	22.591 ug/ml
3) T 2-Methylnaphthalene (...)	7.439	2627972	23.212 ug/ml
5) T Acenaphthylene (C15.06)	8.748	2617524	21.817 ug/ml
7) T Acenaphthene (C15.5)	9.048	2870783	21.535 ug/ml
8) T Fluorene (C16.55)	9.845	2542483	21.626 ug/ml
9) T Phenanthrene (C19.36)	11.260	2508933	21.937 ug/ml
10) T Anthracene (C19.43)	11.337	2669887	21.974 ug/ml
12) T Fluoranthene (C21.85)	13.093	2746649	21.744 ug/ml
13) T Pyrene (C20.8)	13.393	2793234	21.695 ug/ml
14) T Benzo[a]anthracene (C...	15.288	2068745	22.834 ug/ml
15) T Chrysene (C27.41)	15.329	2994840	21.120 ug/ml
16) T benzo[b]fluoranthene ...	16.857	2201613	22.330 ug/ml
17) T Bnezo[k]fluoranthene ...	16.888	2783137	21.233 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.244	2192072	22.077 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.629	1842101	20.812 ug/ml
20) T Dibenz[a,h]anthracene...	18.666	3004119	22.511 ug/ml
21) T Benzo[g,h,i]perylene ...	18.881	2495425	21.643 ug/ml

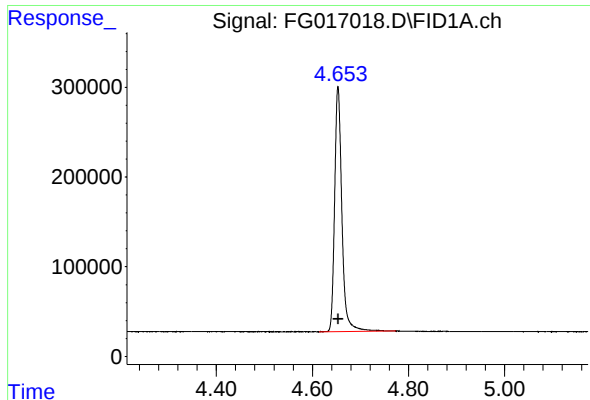
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

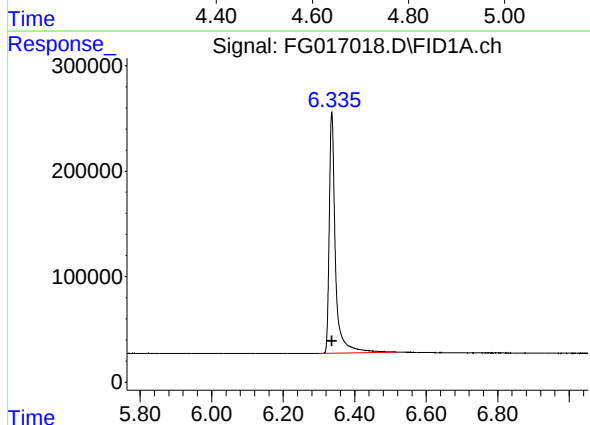




#1 1,2,3-Trimethylbenzene (C10.1)

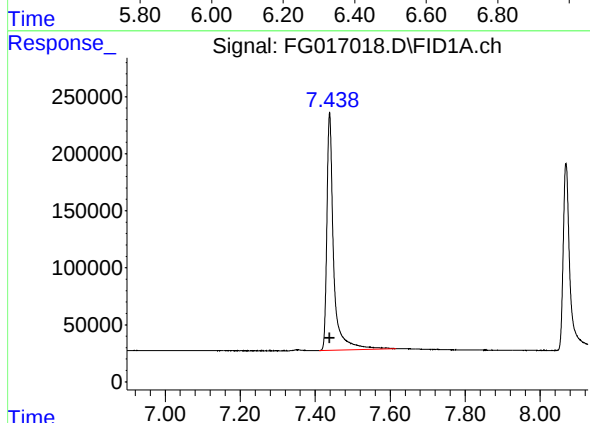
R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 2869337
Conc: 21.70 ug/ml

Instrument :
FID_G
ClientSampleId :



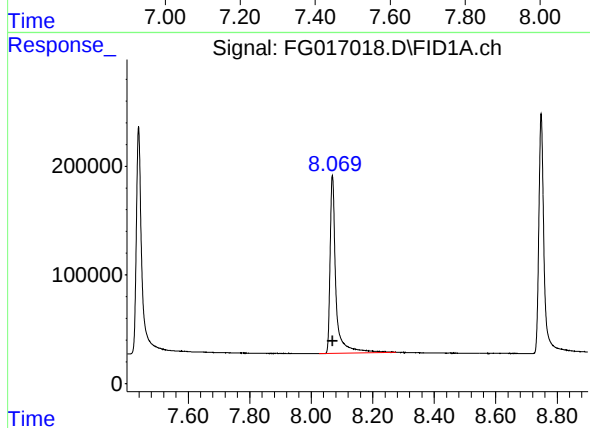
#2 Naphthalene (C11.7)

R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 2763279
Conc: 22.59 ug/ml



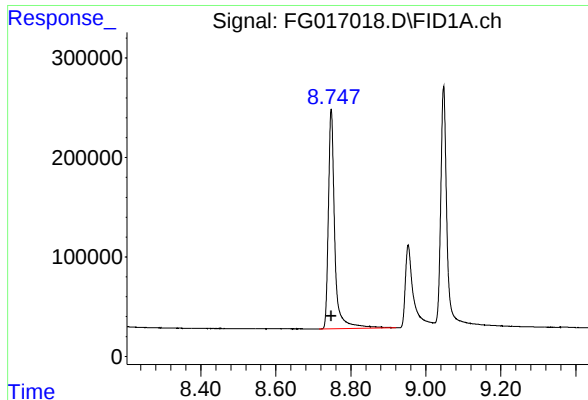
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 2627972
Conc: 23.21 ug/ml



#4 2-Bromonaphthalene (SURR)

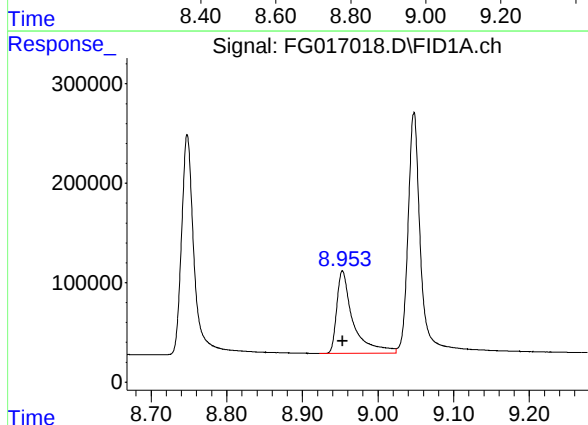
R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 2171096
Conc: 23.32 ug/ml



#5 Acenaphthylene (C15.06)

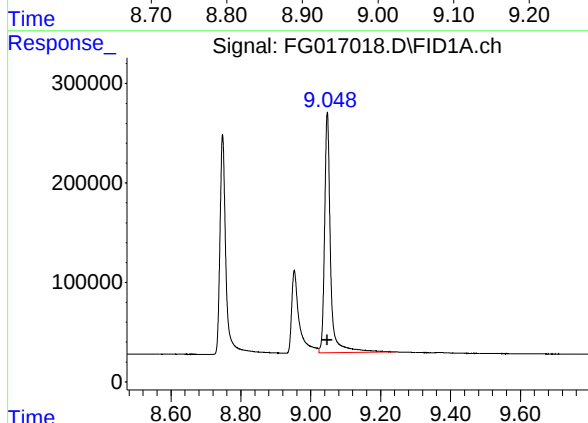
R.T.: 8.748 min
Delta R.T.: 0.000 min
Response: 2617524
Conc: 21.82 ug/ml

Instrument :
FID_G
ClientSampleId :



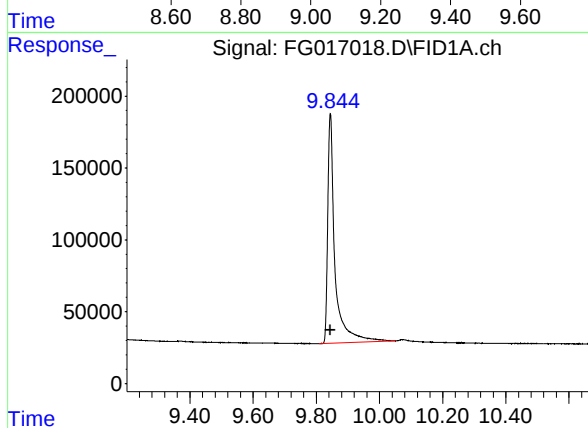
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.953 min
Delta R.T.: 0.000 min
Response: 1246975
Conc: 22.17 ug/ml



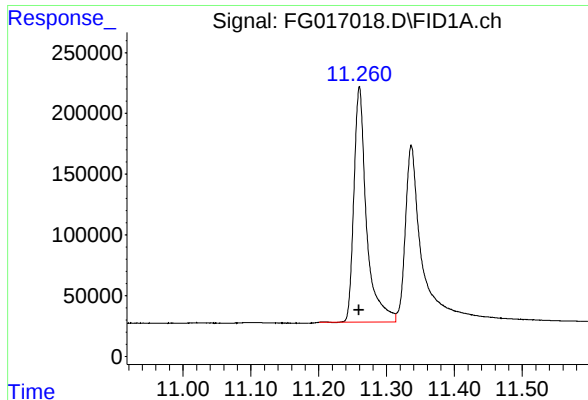
#7 Acenaphthene (C15.5)

R.T.: 9.048 min
Delta R.T.: 0.000 min
Response: 2870783
Conc: 21.54 ug/ml



#8 Flouorene (C16.55)

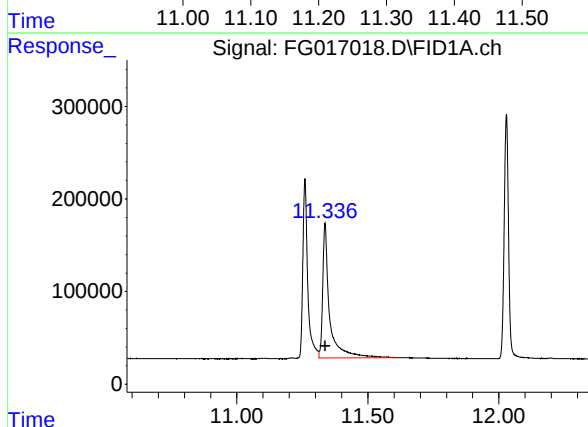
R.T.: 9.845 min
Delta R.T.: 0.000 min
Response: 2542483
Conc: 21.63 ug/ml



#9 Phenanthrene (C19.36)

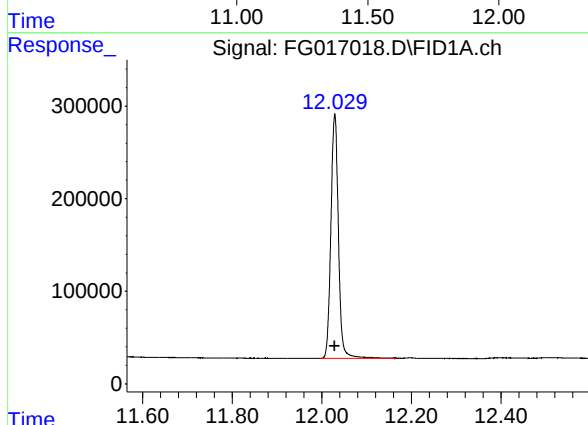
R.T.: 11.260 min
Delta R.T.: 0.000 min
Response: 2508933
Conc: 21.94 ug/ml

Instrument :
FID_G
ClientSampleId :



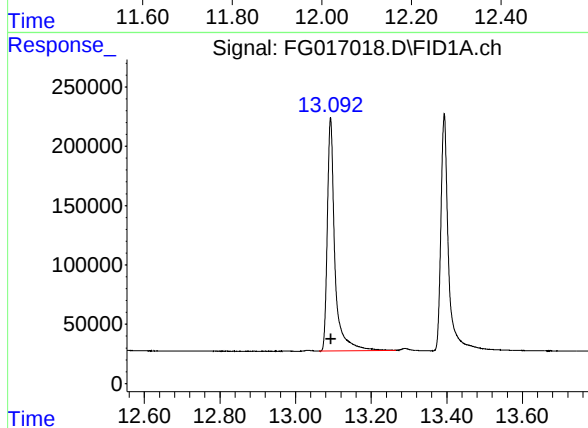
#10 Anthracene (C19.43)

R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 2669887
Conc: 21.97 ug/ml



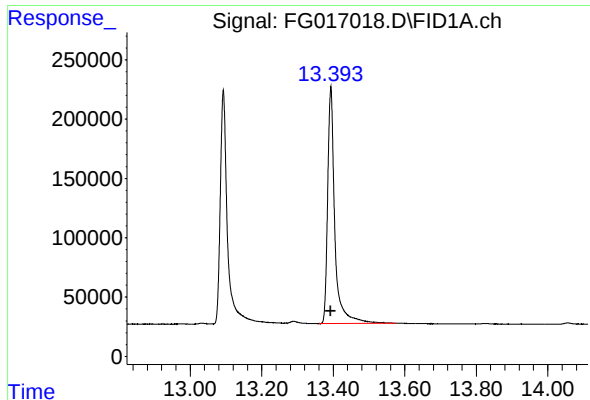
#11 ortho-Terphenyl (SURR)

R.T.: 12.029 min
Delta R.T.: 0.000 min
Response: 3077455
Conc: 21.62 ug/ml



#12 Fluoranthene (C21.85)

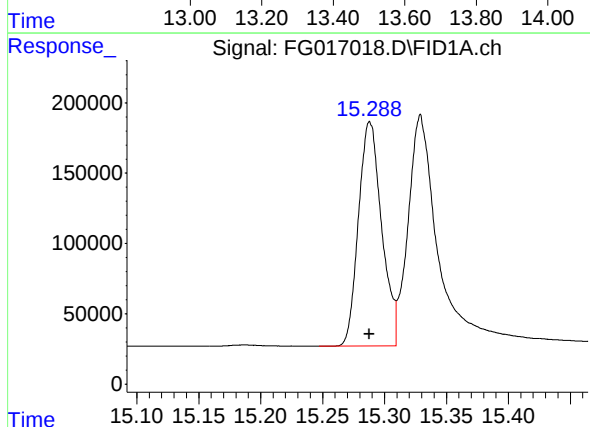
R.T.: 13.093 min
Delta R.T.: 0.000 min
Response: 2746649
Conc: 21.74 ug/ml



#13 Pyrene (C20.8)

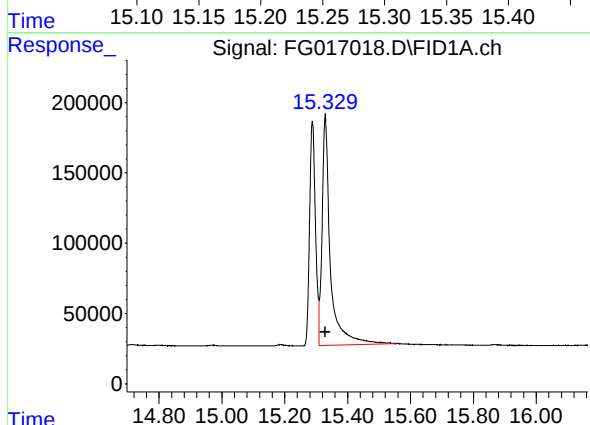
R.T.: 13.393 min
Delta R.T.: 0.000 min
Response: 2793234
Conc: 21.70 ug/ml

Instrument :
FID_G
ClientSampleId :



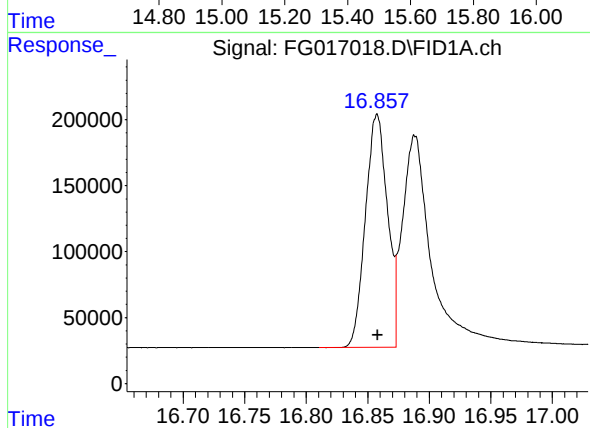
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.288 min
Delta R.T.: 0.000 min
Response: 2068745
Conc: 22.83 ug/ml



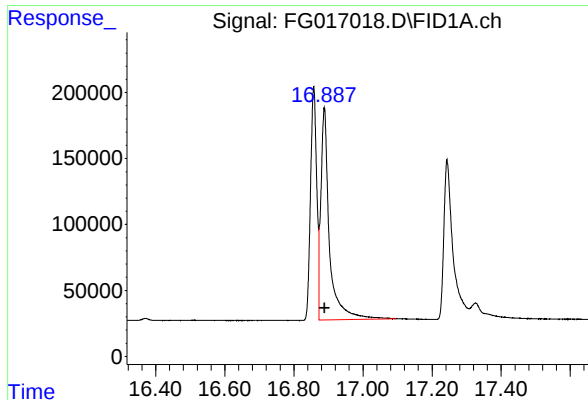
#15 Chrysene (C27.41)

R.T.: 15.329 min
Delta R.T.: 0.000 min
Response: 2994840
Conc: 21.12 ug/ml



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

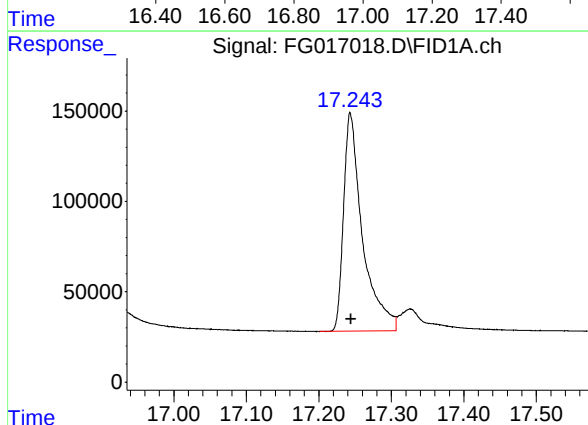
R.T.: 16.857 min
Delta R.T.: 0.000 min
Response: 2201613
Conc: 22.33 ug/ml



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

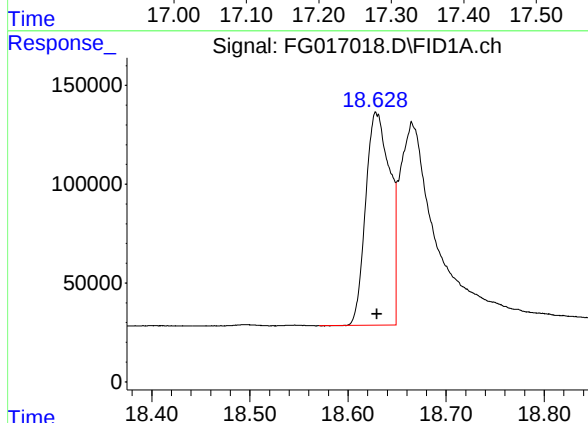
R.T.: 16.888 min
Delta R.T.: 0.000 min
Response: 2783137
Conc: 21.23 ug/ml

Instrument :
FID_G
ClientSampleId :



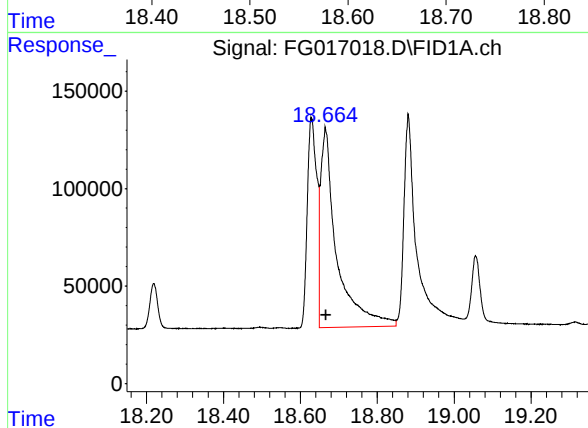
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.244 min
Delta R.T.: 0.000 min
Response: 2192072
Conc: 22.08 ug/ml



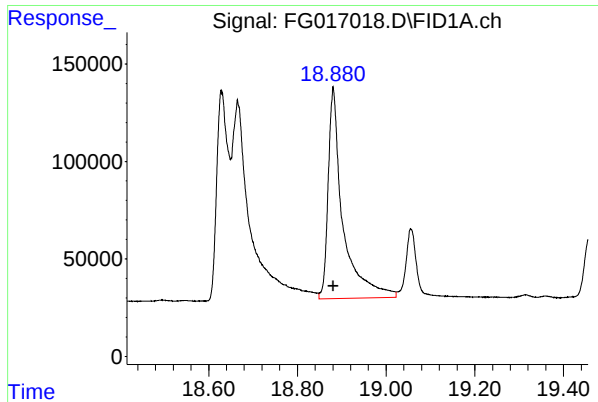
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.629 min
Delta R.T.: 0.000 min
Response: 1842101
Conc: 20.81 ug/ml



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

R.T.: 18.666 min
Delta R.T.: -0.001 min
Response: 3004119
Conc: 22.51 ug/ml



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

R.T.: 18.881 min

Delta R.T.: 0.000 min

Response: 2495425

Conc: 21.64 ug/ml

Instrument :

FID_G

ClientSampleId :