

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012825AR\
 Data File : FG015203.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 03:15
 Operator : YP\AJ
 Sample : Q1168-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 29 06:13:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 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...	7.984	6530554	49.474 ug/ml
Spiked Amount 50.000		Recovery =	98.95%
6) S 2-Fluorobiphenyl (SURR)	8.860	4477583	53.047 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	106.09%
11) S ortho-Terphenyl (SURR)	11.939	6369425	37.001 ug/ml
Spiked Amount 50.000		Recovery =	74.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.573	438665	2.735 ug/ml
2) T Naphthalene (C11.7)	6.250	503105	3.138 ug/ml
3) T 2-Methylnaphthalene (...)	7.351	502008	3.157 ug/ml
5) T Acenaphthylene (C15.06)	8.656	510220	3.211 ug/ml
7) T Acenaphthene (C15.5)	8.957	499898	3.066 ug/ml
8) T Fluorene (C16.55)	9.749	500348	3.178 ug/ml
9) T Phenanthrene (C19.36)	11.159	500872	3.137 ug/ml
10) T Anthracene (C19.43)	11.234	494503	3.349 ug/ml
12) T Fluoranthene (C21.85)	12.985	497032	3.004 ug/ml
13) T Pyrene (C20.8)	13.284	504460	3.114 ug/ml
14) T Benzo[a]anthracene (C...	15.169	390487	2.618 ug/ml
15) T Chrysene (C27.41)	15.210	413698	2.663 ug/ml
16) T benzo[b]fluoranthene ...	16.729	468415	3.165 ug/ml
17) T Bnezo[k]fluoranthene ...	16.729	468415	3.313 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.110	455497	3.206 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.483	475733	3.775 ug/ml
20) T Dibenz[a,h]anthracene...	18.483	475733	3.215 ug/ml
21) T Benzo[g,h,i]perylene ...	18.737	447804	3.317 ug/ml

(f)=RT Delta > 1/2 Window

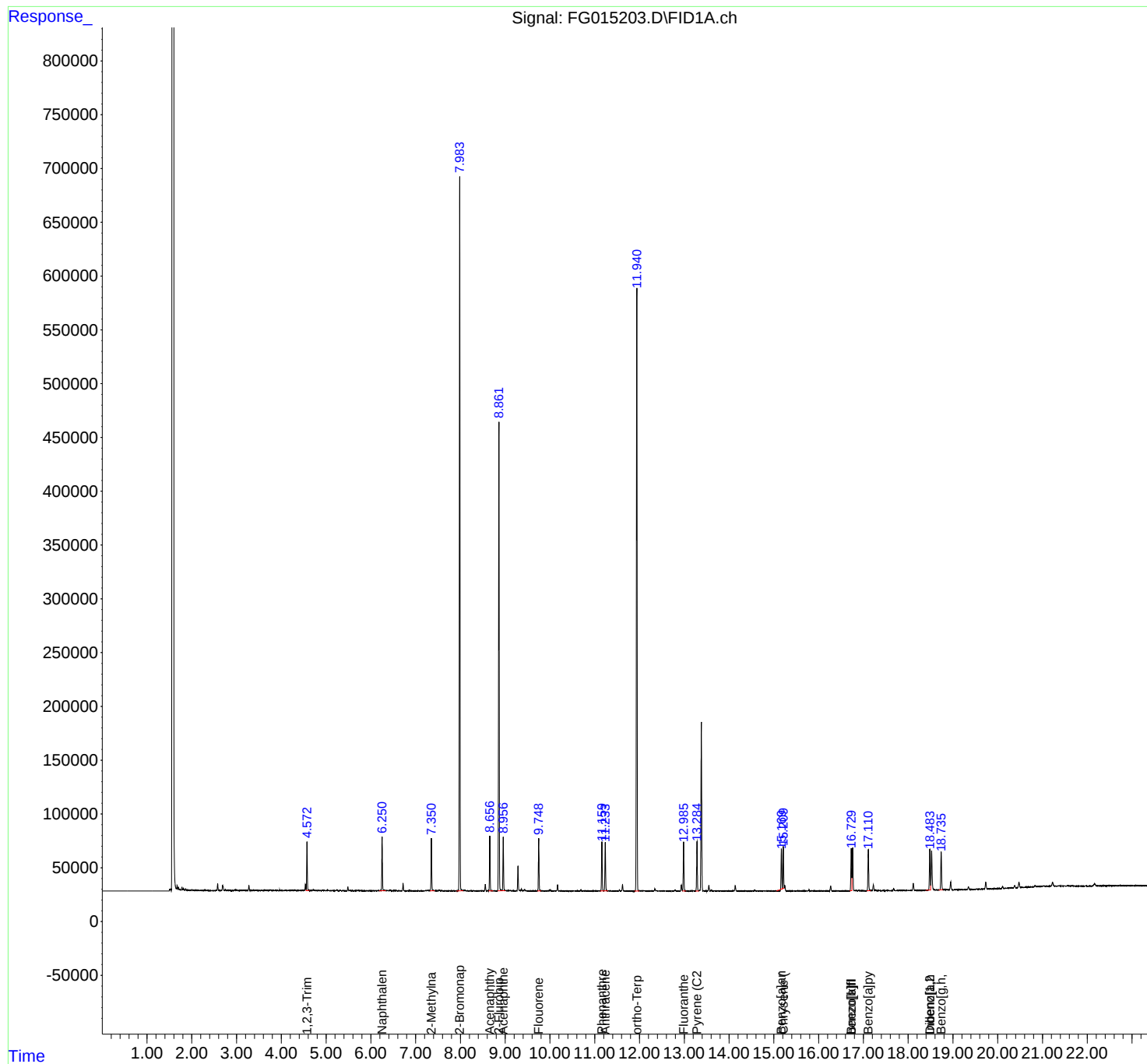
(m)=manual int.

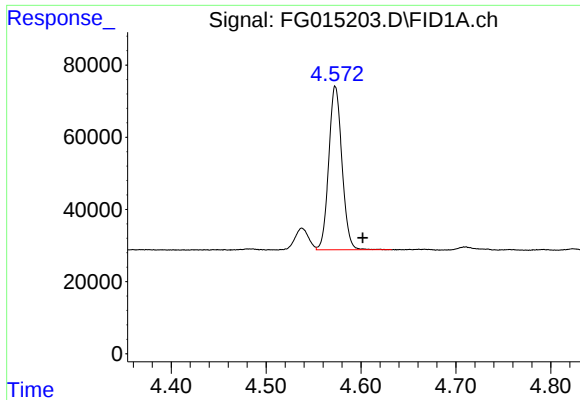
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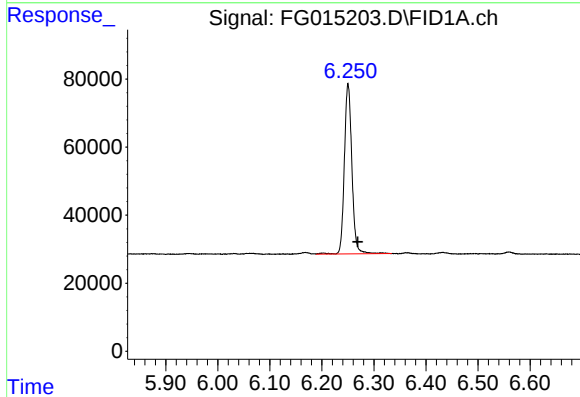




#1 1,2,3-Trimethylbenzene (C10.1)

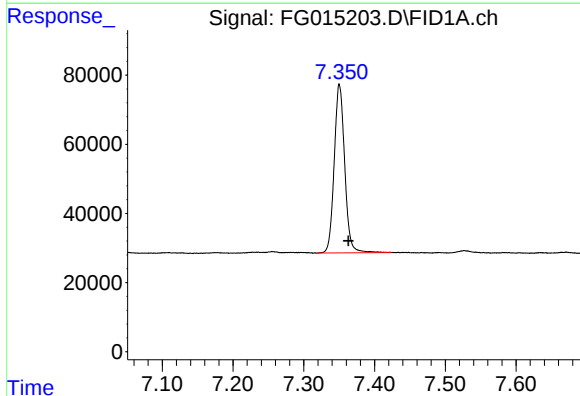
R.T.: 4.573 min
Delta R.T.: -0.029 min
Response: 438665
Conc: 2.73 ug/ml

Instrument :
FID_G
ClientSampleId :



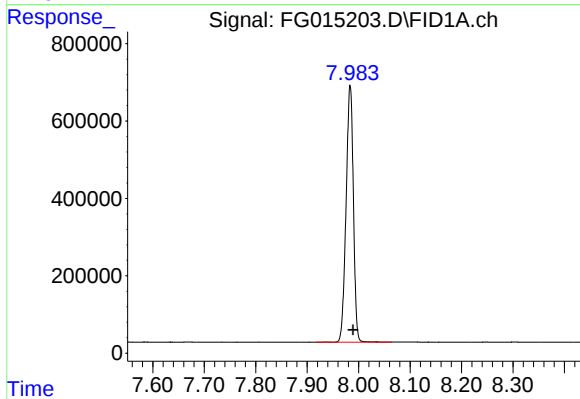
#2 Naphthalene (C11.7)

R.T.: 6.250 min
Delta R.T.: -0.018 min
Response: 503105
Conc: 3.14 ug/ml



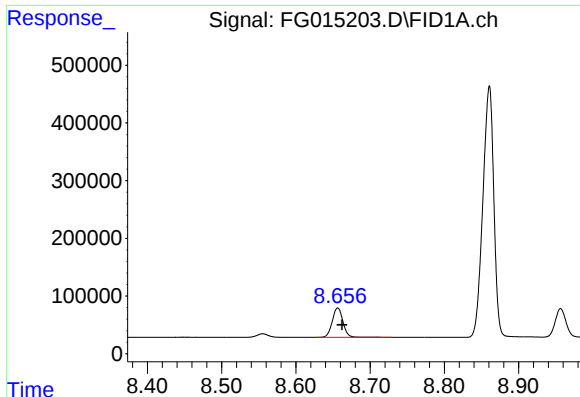
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.351 min
Delta R.T.: -0.013 min
Response: 502008
Conc: 3.16 ug/ml



#4 2-Bromonaphthalene (SURR)

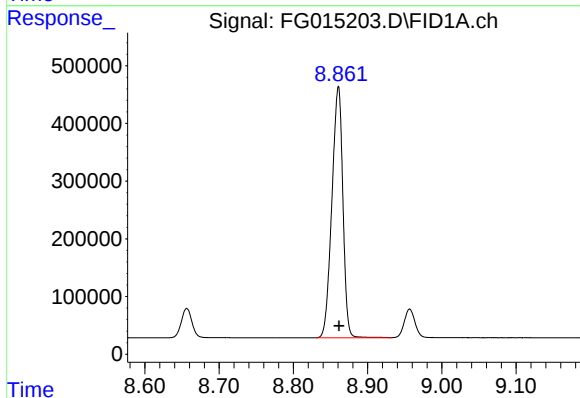
R.T.: 7.984 min
Delta R.T.: -0.005 min
Response: 6530554
Conc: 49.47 ug/ml



#5 Acenaphthylene (C15.06)

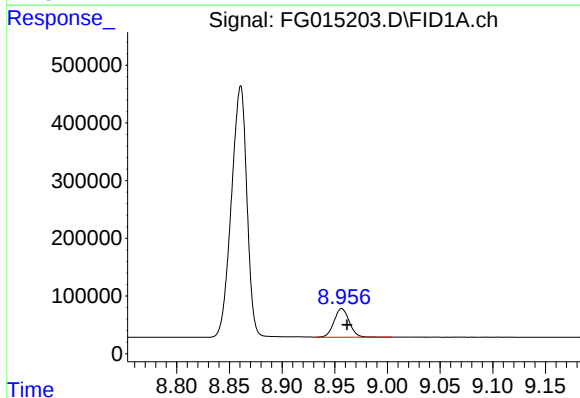
R.T.: 8.656 min
Delta R.T.: -0.006 min
Response: 510220
Conc: 3.21 ug/ml

Instrument :
FID_G
ClientSampleId :



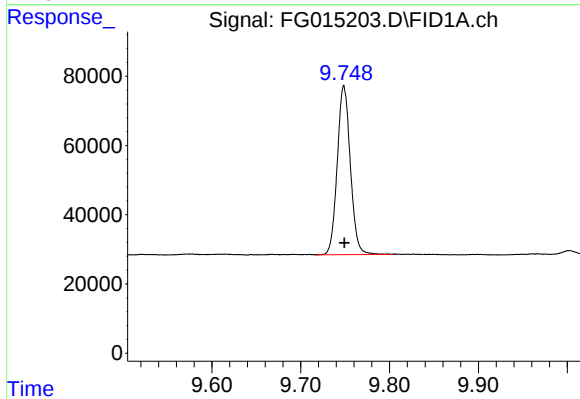
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.860 min
Delta R.T.: -0.001 min
Response: 4477583
Conc: 53.05 ug/ml



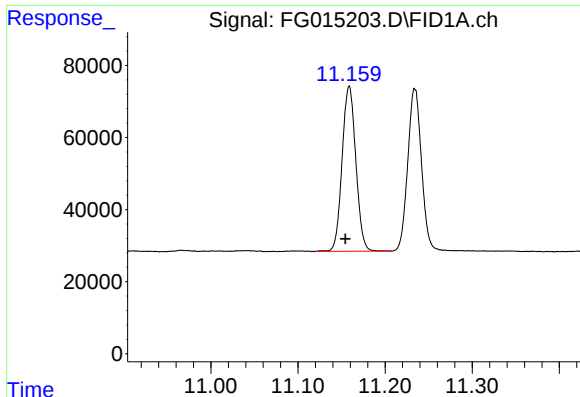
#7 Acenaphthene (C15.5)

R.T.: 8.957 min
Delta R.T.: -0.005 min
Response: 499898
Conc: 3.07 ug/ml



#8 Fluorene (C16.55)

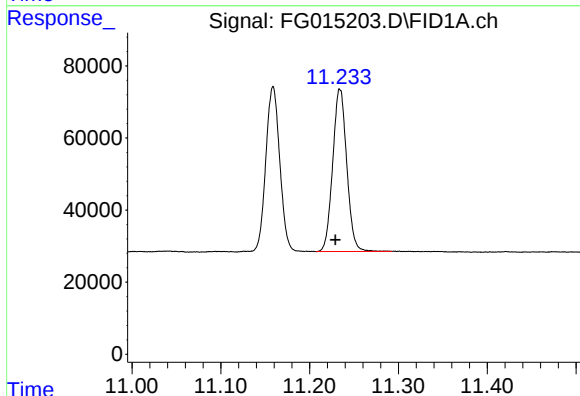
R.T.: 9.749 min
Delta R.T.: 0.000 min
Response: 500348
Conc: 3.18 ug/ml



#9 Phenanthrene (C19.36)

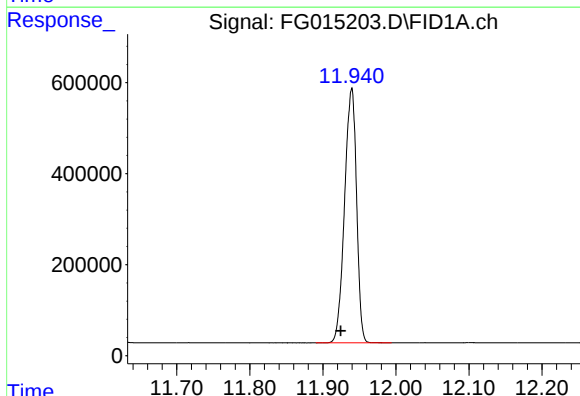
R.T.: 11.159 min
Delta R.T.: 0.004 min
Response: 500872
Conc: 3.14 ug/ml

Instrument :
FID_G
ClientSampleId :



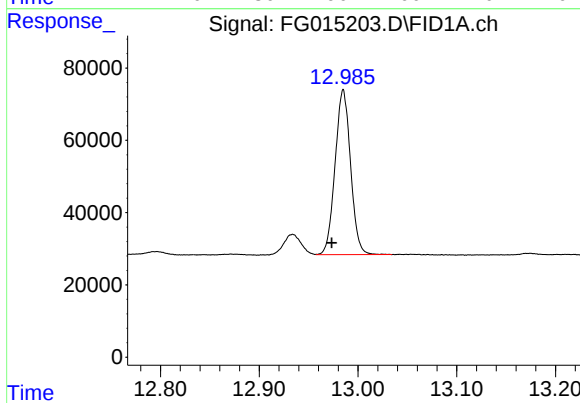
#10 Anthracene (C19.43)

R.T.: 11.234 min
Delta R.T.: 0.005 min
Response: 494503
Conc: 3.35 ug/ml



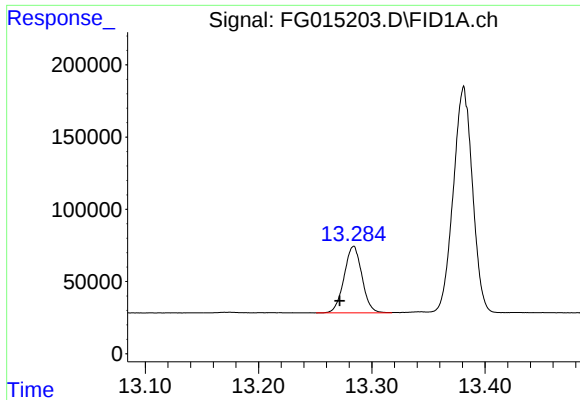
#11 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: 0.015 min
Response: 6369425
Conc: 37.00 ug/ml



#12 Fluoranthene (C21.85)

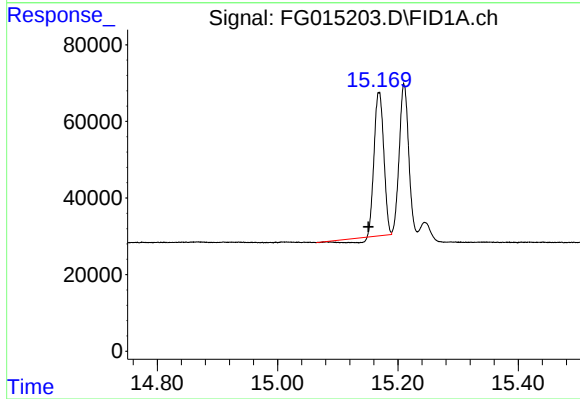
R.T.: 12.985 min
Delta R.T.: 0.012 min
Response: 497032
Conc: 3.00 ug/ml



#13 Pyrene (C20.8)

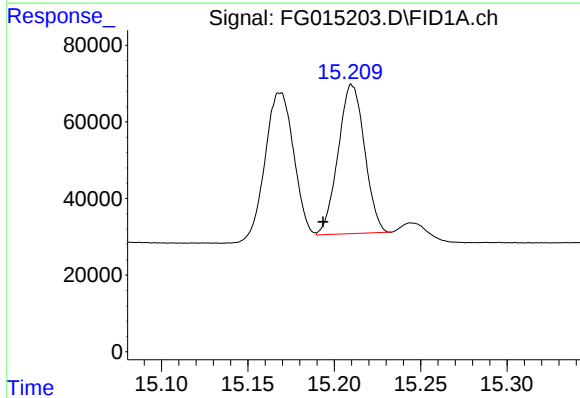
R.T.: 13.284 min
Delta R.T.: 0.012 min
Response: 504460
Conc: 3.11 ug/ml

Instrument :
FID_G
ClientSampleId :



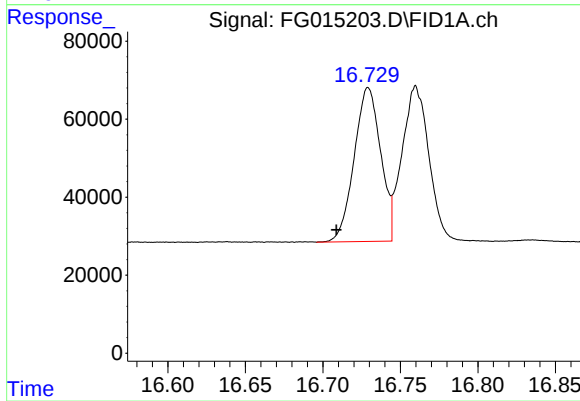
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.169 min
Delta R.T.: 0.018 min
Response: 390487
Conc: 2.62 ug/ml



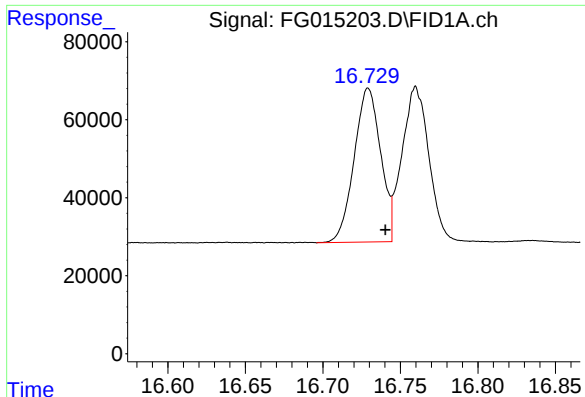
#15 Chrysene (C27.41)

R.T.: 15.210 min
Delta R.T.: 0.017 min
Response: 413698
Conc: 2.66 ug/ml



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

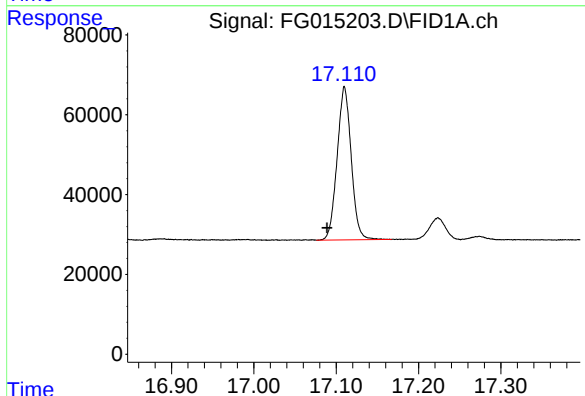
R.T.: 16.729 min
Delta R.T.: 0.021 min
Response: 468415
Conc: 3.17 ug/ml



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

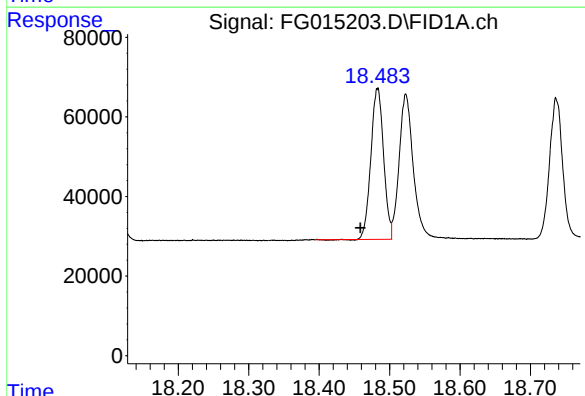
R.T.: 16.729 min
Delta R.T.: -0.011 min
Response: 468415
Conc: 3.31 ug/ml

Instrument :
FID_G
ClientSampleId :



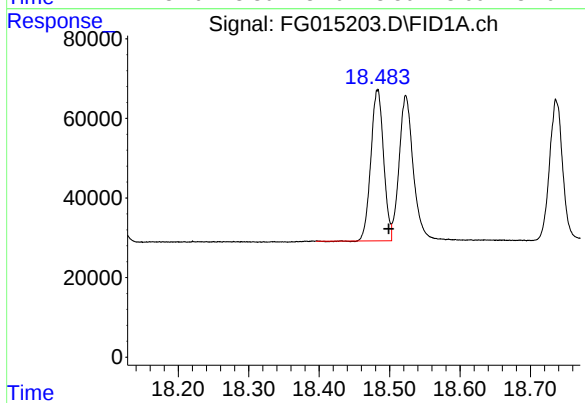
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.110 min
Delta R.T.: 0.021 min
Response: 455497
Conc: 3.21 ug/ml



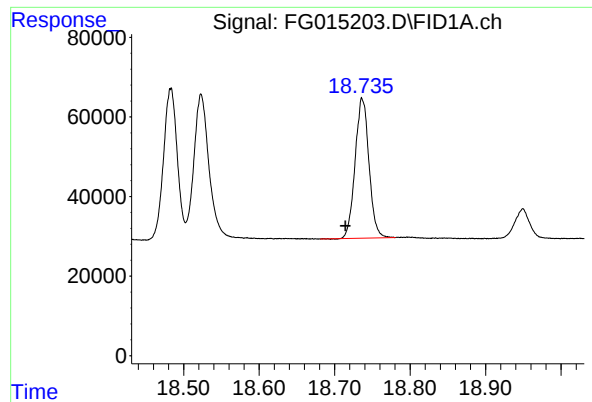
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.483 min
Delta R.T.: 0.024 min
Response: 475733
Conc: 3.78 ug/ml



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

R.T.: 18.483 min
Delta R.T.: -0.016 min
Response: 475733
Conc: 3.22 ug/ml



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

R.T.: 18.737 min
Delta R.T.: 0.022 min
Response: 447804
Conc: 3.32 ug/ml

Instrument :

FID_G

ClientSampleId :