

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022525AR\
 Data File : FG015405.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 14:25
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 25 15:15:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 15:11:10 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...	7.985	5569960	49.052 ug/ml
Spiked Amount 50.000		Recovery =	98.10%
6) S 2-Fluorobiphenyl (SURR)	8.865	3748445	49.150 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.30%
11) S ortho-Terphenyl (SURR)	11.940	6285221	49.125 ug/ml
Spiked Amount 50.000		Recovery =	98.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.575	6081223	48.701 ug/ml
2) T Naphthalene (C11.7)	6.255	6265742	48.906 ug/ml
3) T 2-Methylnaphthalene (...)	7.357	6114197	48.901 ug/ml
5) T Acenaphthylene (C15.06)	8.664	6266626	49.093 ug/ml
7) T Acenaphthene (C15.5)	8.966	6135369	49.040 ug/ml
8) T Fluorene (C16.55)	9.758	6189267	49.186 ug/ml
9) T Phenanthrene (C19.36)	11.171	6014665	49.323 ug/ml
10) T Anthracene (C19.43)	11.247	5814450	49.229 ug/ml
12) T Fluoranthene (C21.85)	13.000	6007855	49.514 ug/ml
13) T Pyrene (C20.8)	13.301	5957119	49.623 ug/ml
14) T Benzo[a]anthracene (C...	15.188	5819210	49.619 ug/ml
15) T Chrysene (C27.41)	15.232	5841649	49.481 ug/ml
16) T benzo[b]fluoranthene ...	16.755	6081416	49.477 ug/ml
17) T Bnezo[k]fluoranthene ...	16.790	6001443	49.336 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.137	5872878	49.235 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.514	5863105	49.623 ug/ml
20) T Dibenz[a,h]anthracene...	18.551	6235139	49.607 ug/ml
21) T Benzo[g,h,i]perylene ...	18.775	6258084	50.179 ug/ml

(f)=RT Delta > 1/2 Window

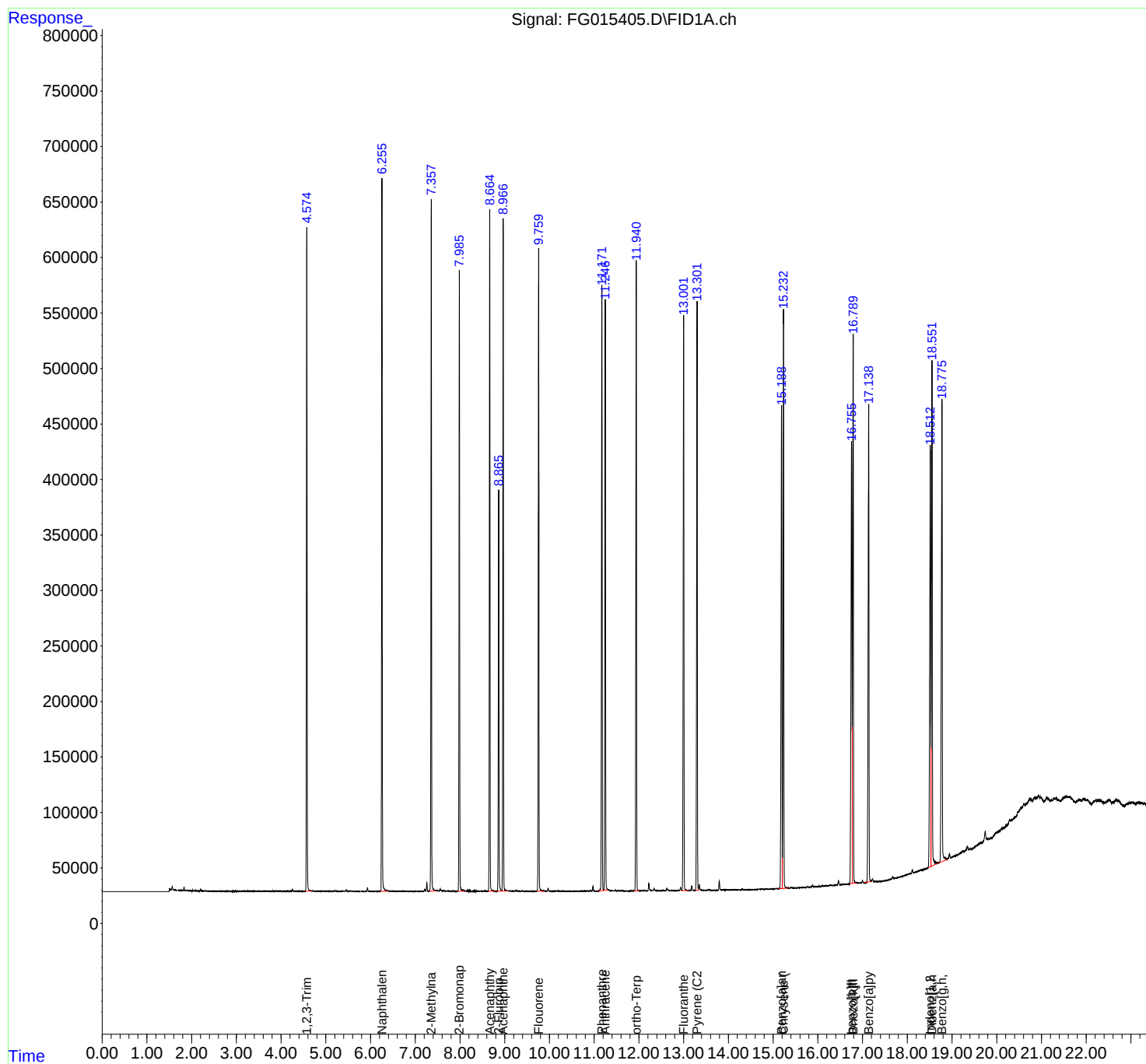
(m)=manual int.

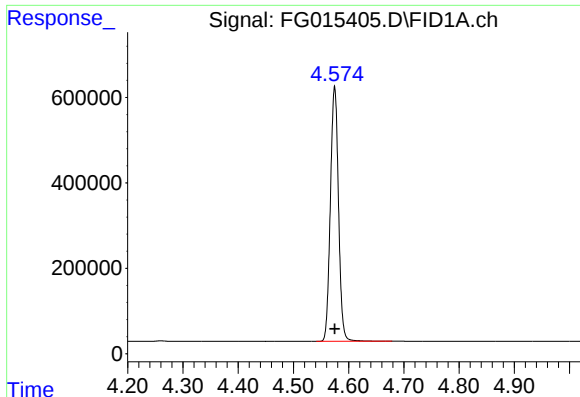
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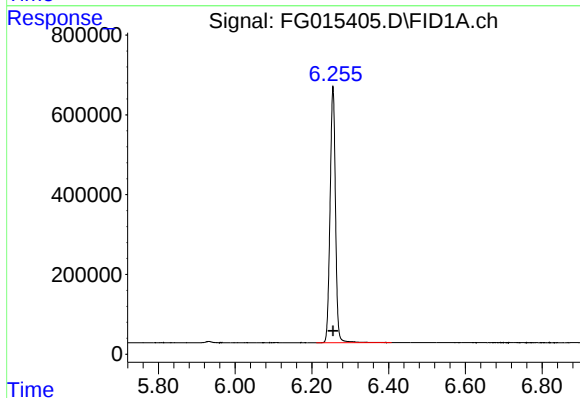




#1 1,2,3-Trimethylbenzene (C10.1)

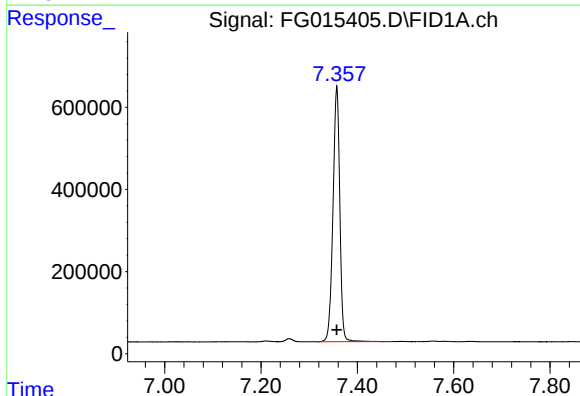
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 6081223
Conc: 48.70 ug/ml

Instrument :
FID_G
ClientSampleId :



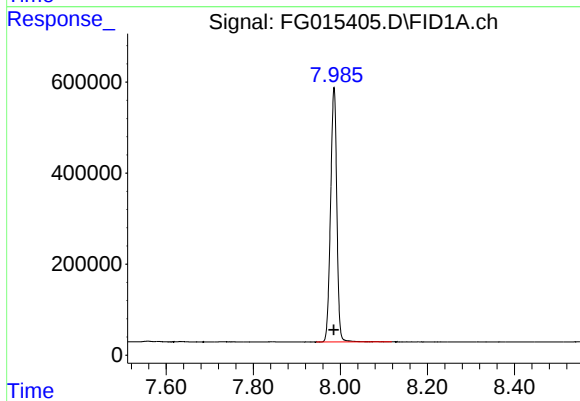
#2 Naphthalene (C11.7)

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 6265742
Conc: 48.91 ug/ml



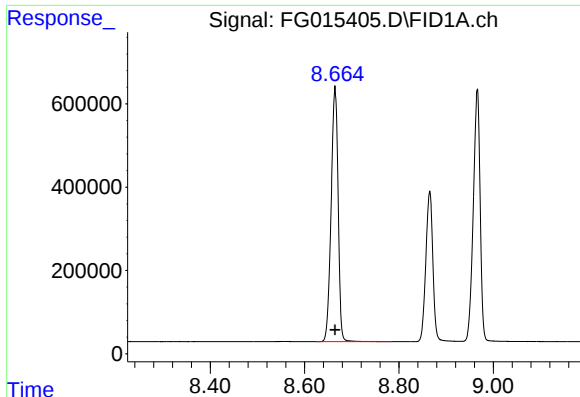
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 6114197
Conc: 48.90 ug/ml



#4 2-Bromonaphthalene (SURR)

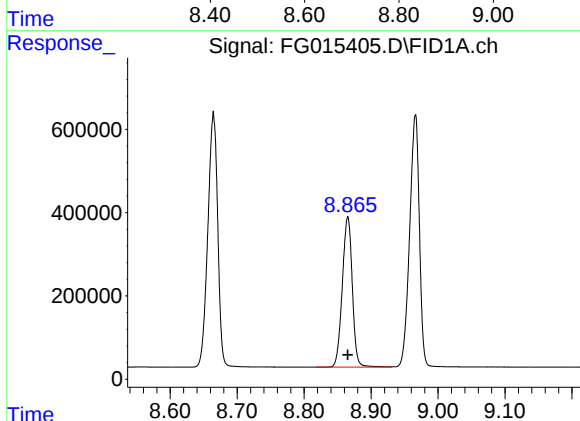
R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 5569960
Conc: 49.05 ug/ml



#5 Acenaphthylene (C15.06)

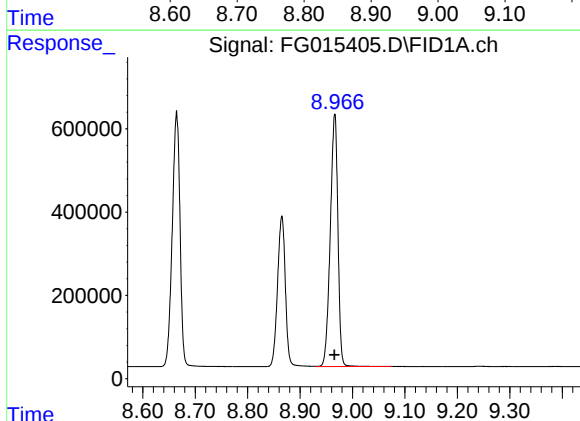
R.T.: 8.664 min
Delta R.T.: 0.000 min
Response: 6266626
Conc: 49.09 ug/ml

Instrument :
FID_G
ClientSampleId :



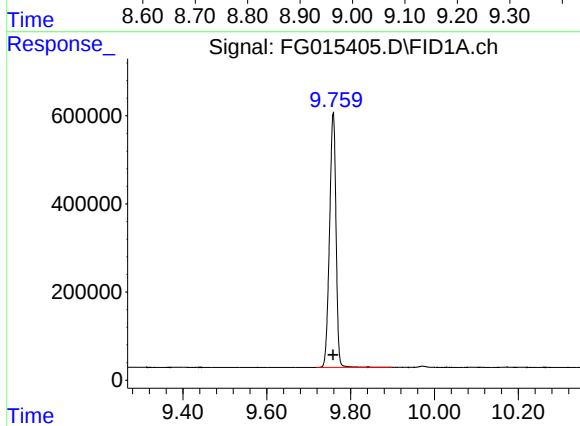
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.865 min
Delta R.T.: 0.000 min
Response: 3748445
Conc: 49.15 ug/ml



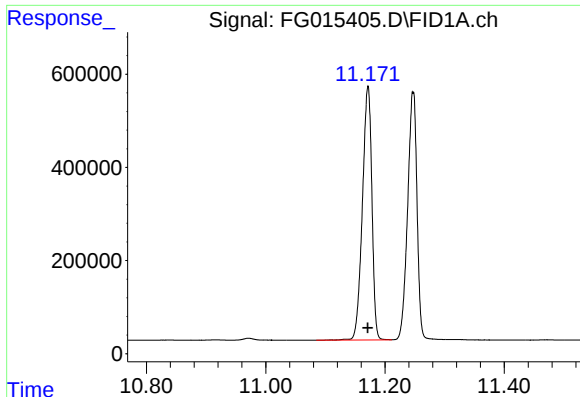
#7 Acenaphthene (C15.5)

R.T.: 8.966 min
Delta R.T.: 0.000 min
Response: 6135369
Conc: 49.04 ug/ml



#8 Fluorene (C16.55)

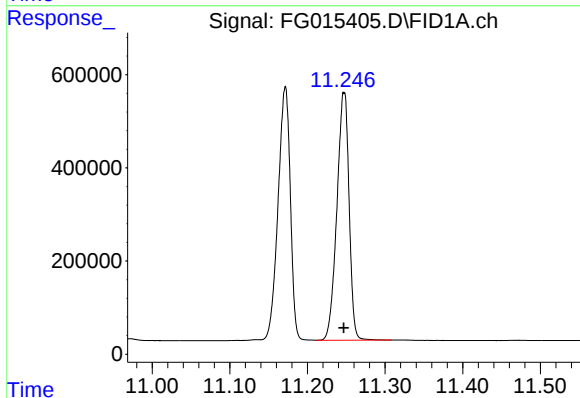
R.T.: 9.758 min
Delta R.T.: 0.000 min
Response: 6189267
Conc: 49.19 ug/ml



#9 Phenanthrene (C19.36)

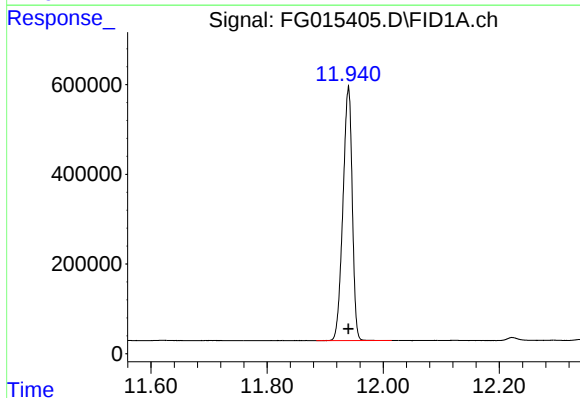
R.T.: 11.171 min
Delta R.T.: 0.000 min
Response: 6014665
Conc: 49.32 ug/ml

Instrument :
FID_G
ClientSampleId :



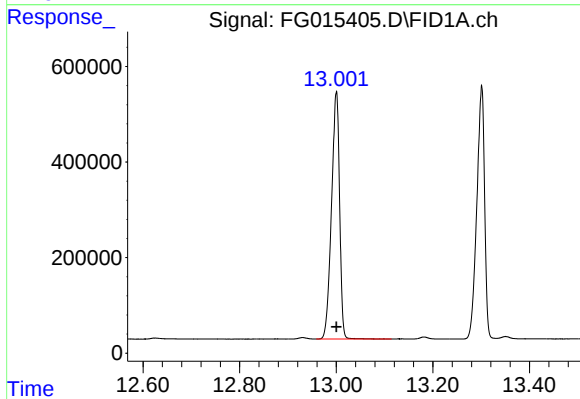
#10 Anthracene (C19.43)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 5814450
Conc: 49.23 ug/ml



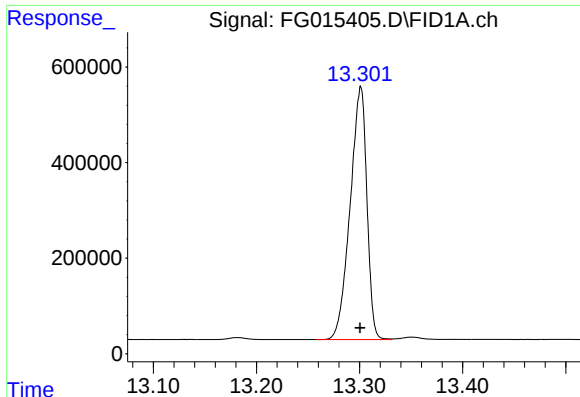
#11 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 6285221
Conc: 49.13 ug/ml



#12 Fluoranthene (C21.85)

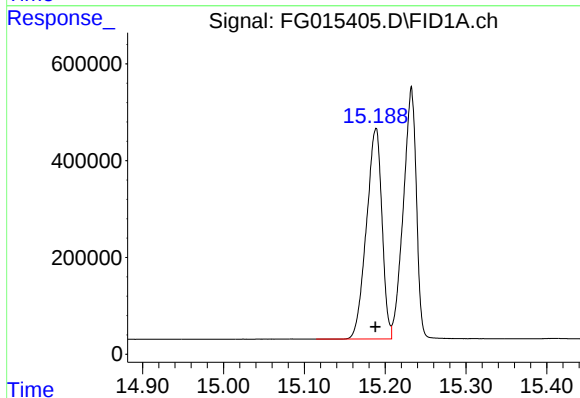
R.T.: 13.000 min
Delta R.T.: 0.000 min
Response: 6007855
Conc: 49.51 ug/ml



#13 Pyrene (C20.8)

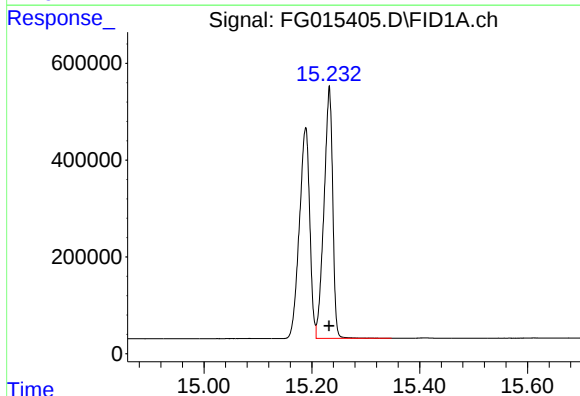
R.T.: 13.301 min
Delta R.T.: 0.000 min
Response: 5957119
Conc: 49.62 ug/ml

Instrument :
FID_G
ClientSampleId :



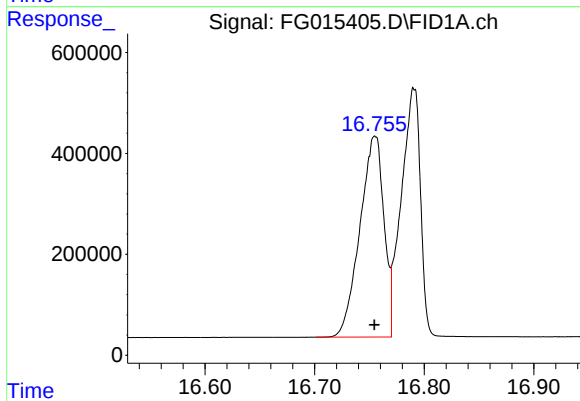
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.188 min
Delta R.T.: 0.000 min
Response: 5819210
Conc: 49.62 ug/ml



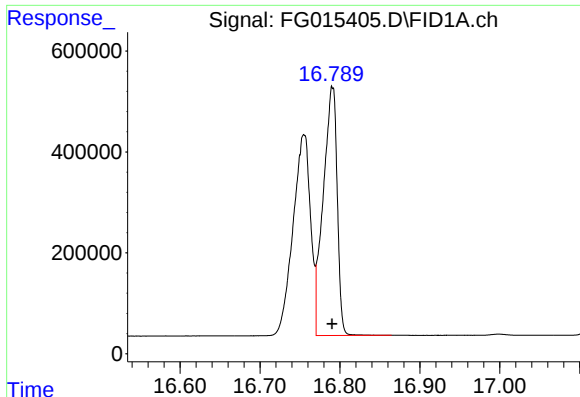
#15 Chrysene (C27.41)

R.T.: 15.232 min
Delta R.T.: 0.000 min
Response: 5841649
Conc: 49.48 ug/ml



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

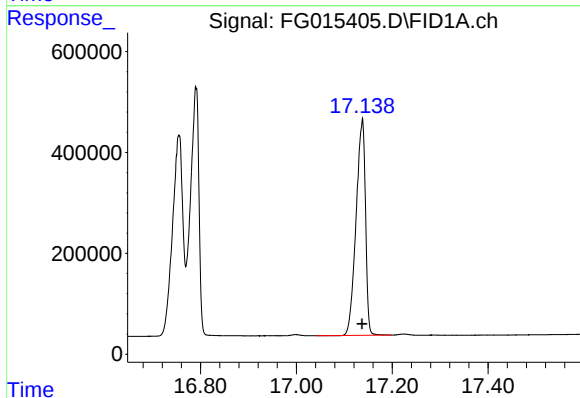
R.T.: 16.755 min
Delta R.T.: 0.000 min
Response: 6081416
Conc: 49.48 ug/ml



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

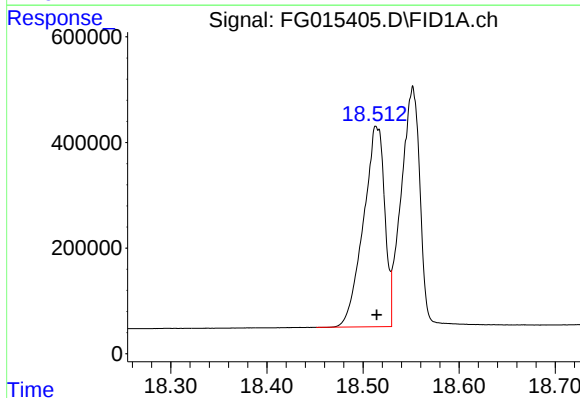
R.T.: 16.790 min
Delta R.T.: 0.000 min
Response: 6001443
Conc: 49.34 ug/ml

Instrument :
FID_G
ClientSampleId :



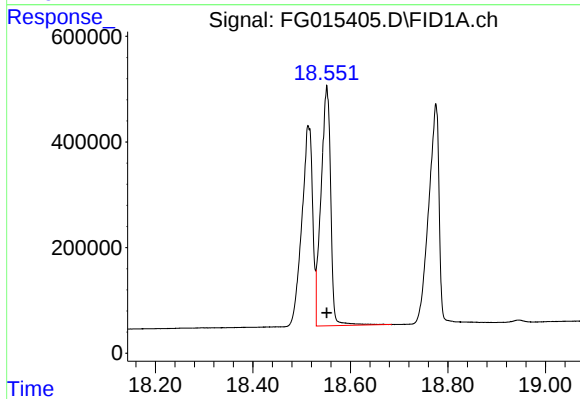
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.137 min
Delta R.T.: 0.000 min
Response: 5872878
Conc: 49.24 ug/ml



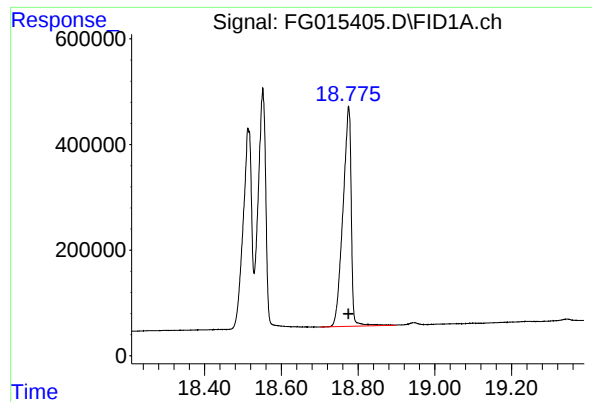
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.514 min
Delta R.T.: 0.000 min
Response: 5863105
Conc: 49.62 ug/ml



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

R.T.: 18.551 min
Delta R.T.: 0.000 min
Response: 6235139
Conc: 49.61 ug/ml



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

R.T.: 18.775 min
Delta R.T.: 0.000 min
Response: 6258084
Conc: 50.18 ug/ml

Instrument :

FID_G

ClientSampleId :