

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032025AR\
 Data File : FG015525.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2025 20:51
 Operator : YP\AJ
 Sample : PB167245BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 21 01:01:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 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...	7.969	5648771	46.243 ug/ml
Spiked Amount 50.000		Recovery =	92.49%
6) S 2-Fluorobiphenyl (SURR)	8.847	3114618	37.681 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.36%
11) S ortho-Terphenyl (SURR)	11.920	6039287	41.414 ug/ml
Spiked Amount 50.000		Recovery =	82.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.558	4346715	32.710 ug/ml
2) T Naphthalene (C11.7)	6.237	5602010	41.464 ug/ml
3) T 2-Methylnaphthalene (...)	7.339	5854855	43.892 ug/ml
5) T Acenaphthylene (C15.06)	8.647	7280657	51.406 ug/ml
7) T Acenaphthene (C15.5)	8.949	7503069	54.994 ug/ml
8) T Flouorene (C16.55)	9.742	7917131	56.711 ug/ml
9) T Phenanthrene (C19.36)	11.153	8101741	57.507 ug/ml
10) T Anthracene (C19.43)	11.230	8274318	60.466 ug/ml
12) T Fluoranthene (C21.85)	12.981	7685484	53.893 ug/ml
13) T Pyrene (C20.8)	13.281	8167663	58.210 ug/ml
14) T Benzo[a]anthracene (C...	15.169	7904436	58.278 ug/ml
15) T Chrysene (C27.41)	15.215	9013719	64.388 ug/ml
16) T benzo[b]fluoranthene ...	16.734	7466457	56.504 ug/ml
17) T Bnezo[k]fluoranthene ...	16.770	7877302	57.694 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.117	7258290	57.880 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.495	7164772	64.396 ug/ml
20) T Dibenz[a,h]anthracene...	18.533	7239769	56.261 ug/ml
21) T Benzo[g,h,i]perylene ...	18.753	6889604	57.656 ug/ml

(f)=RT Delta > 1/2 Window

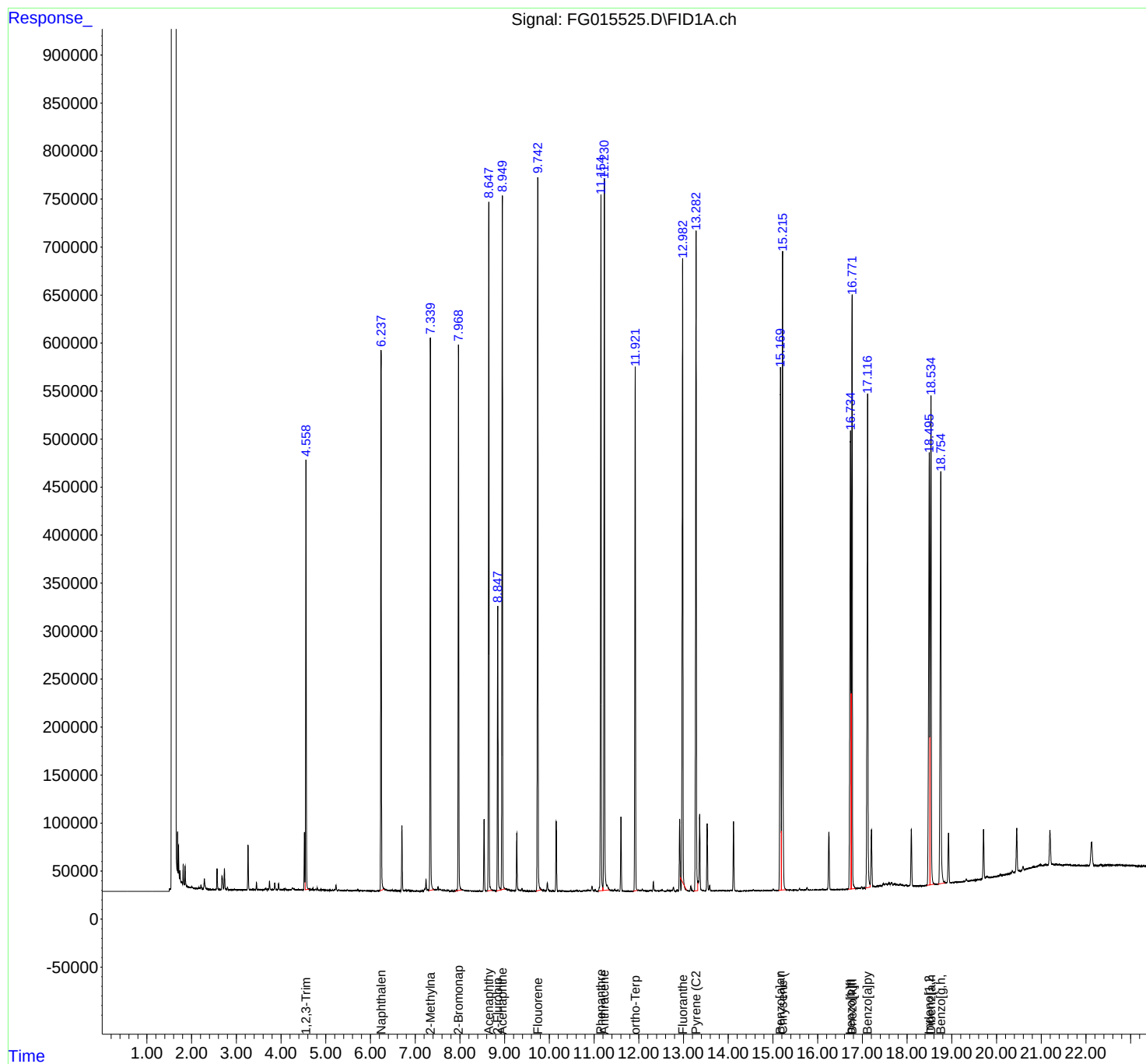
(m)=manual int.

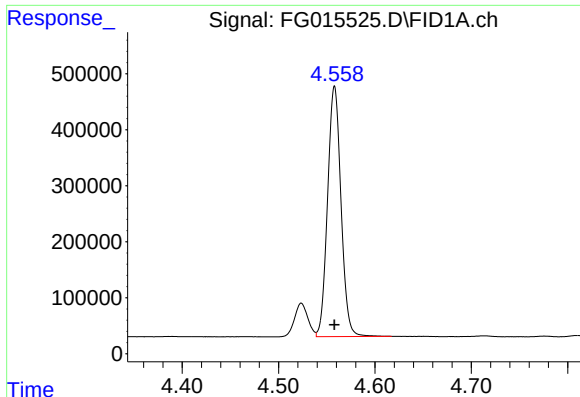
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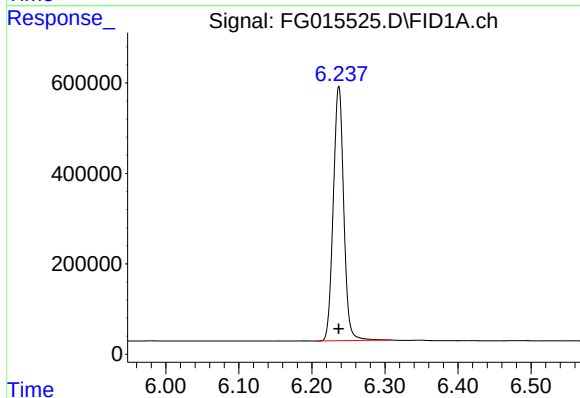




#1 1,2,3-Trimethylbenzene (C10.1)

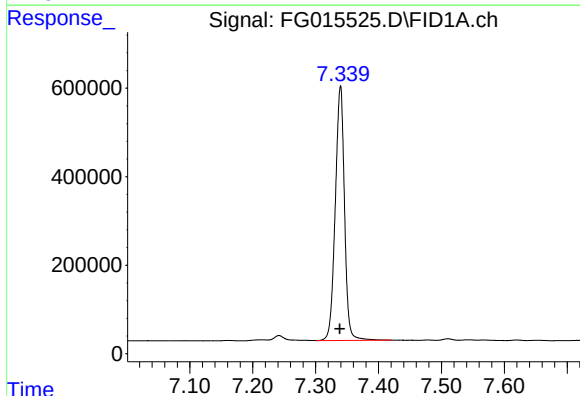
R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 4346715
Conc: 32.71 ug/ml

Instrument :
FID_G
ClientSampleId :



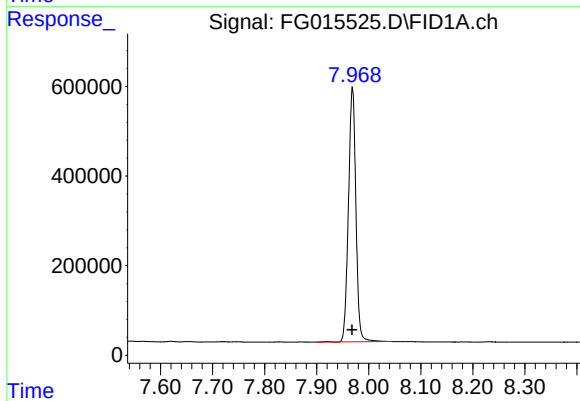
#2 Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 5602010
Conc: 41.46 ug/ml



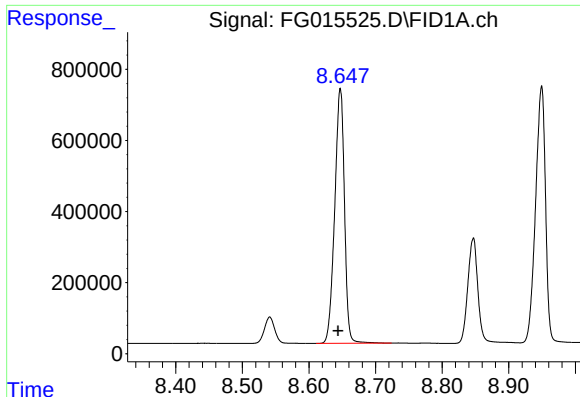
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.339 min
Delta R.T.: 0.001 min
Response: 5854855
Conc: 43.89 ug/ml



#4 2-Bromonaphthalene (SURR)

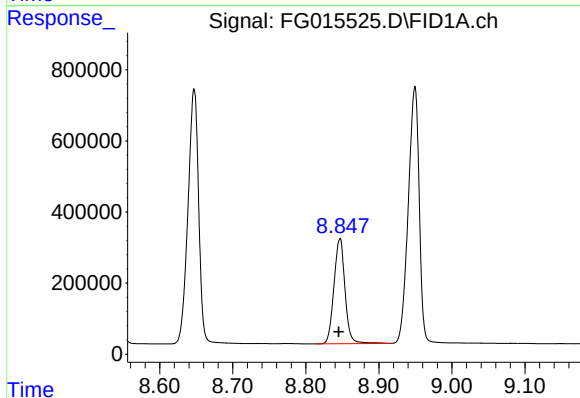
R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 5648771
Conc: 46.24 ug/ml



#5 Acenaphthylene (C15.06)

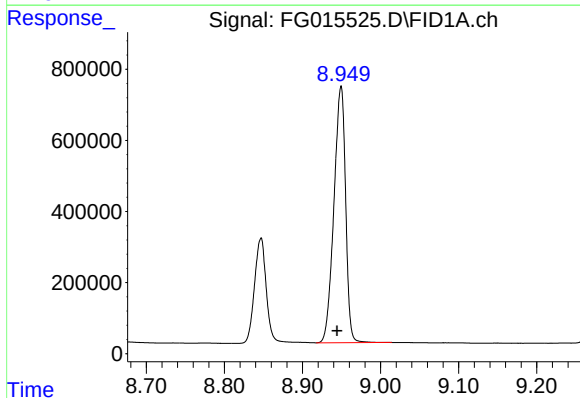
R.T.: 8.647 min
Delta R.T.: 0.003 min
Response: 7280657
Conc: 51.41 ug/ml

Instrument :
FID_G
ClientSampleId :



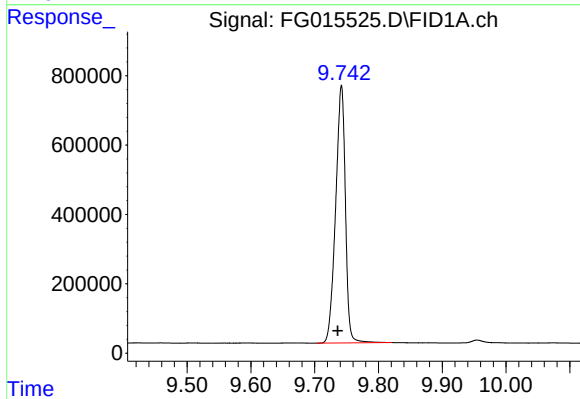
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.847 min
Delta R.T.: 0.002 min
Response: 3114618
Conc: 37.68 ug/ml



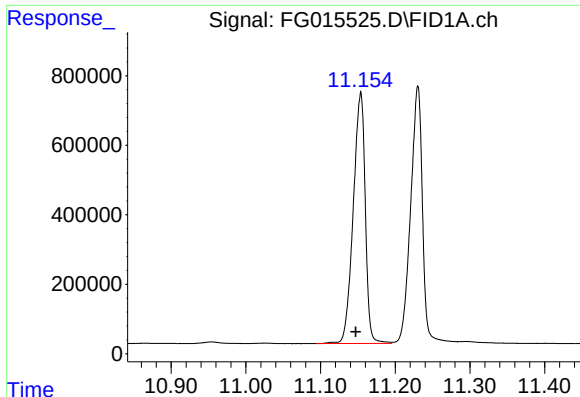
#7 Acenaphthene (C15.5)

R.T.: 8.949 min
Delta R.T.: 0.005 min
Response: 7503069
Conc: 54.99 ug/ml



#8 Fluorene (C16.55)

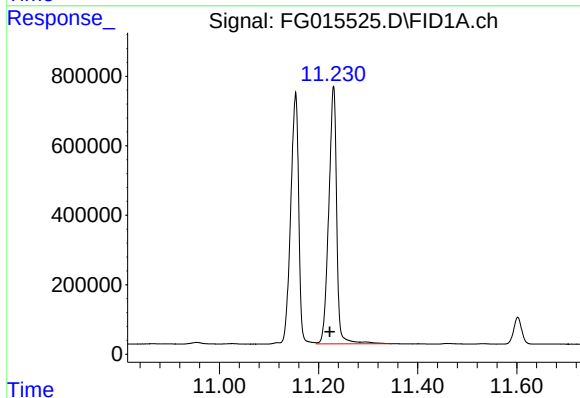
R.T.: 9.742 min
Delta R.T.: 0.005 min
Response: 7917131
Conc: 56.71 ug/ml



#9 Phenanthrene (C19.36)

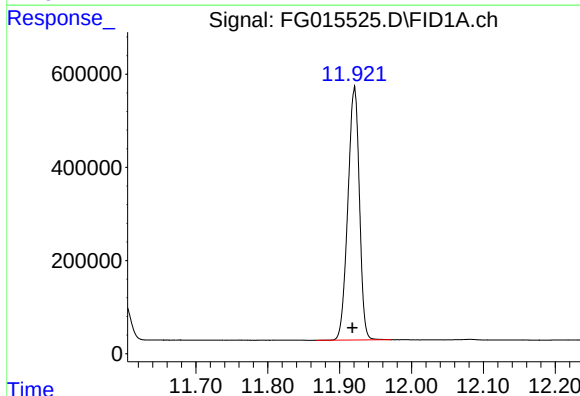
R.T.: 11.153 min
Delta R.T.: 0.006 min
Response: 8101741
Conc: 57.51 ug/ml

Instrument :
FID_G
ClientSampleId :



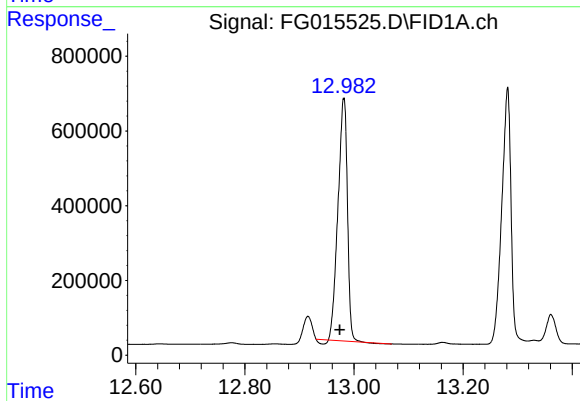
#10 Anthracene (C19.43)

R.T.: 11.230 min
Delta R.T.: 0.007 min
Response: 8274318
Conc: 60.47 ug/ml



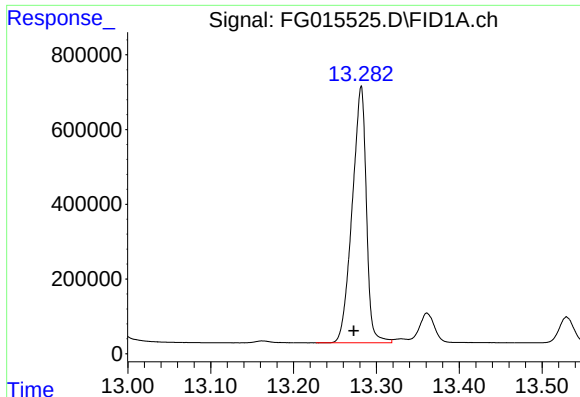
#11 ortho-Terphenyl (SURR)

R.T.: 11.920 min
Delta R.T.: 0.003 min
Response: 6039287
Conc: 41.41 ug/ml



#12 Fluoranthene (C21.85)

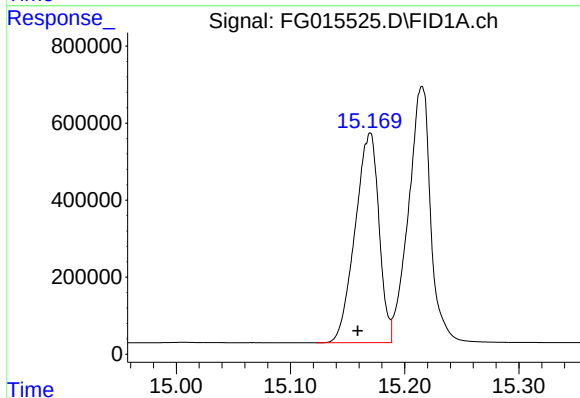
R.T.: 12.981 min
Delta R.T.: 0.007 min
Response: 7685484
Conc: 53.89 ug/ml



#13 Pyrene (C20.8)

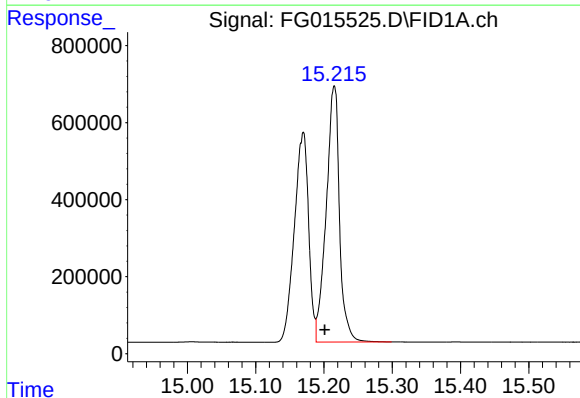
R.T.: 13.281 min
Delta R.T.: 0.009 min
Response: 8167663
Conc: 58.21 ug/ml

Instrument :
FID_G
ClientSampleId :



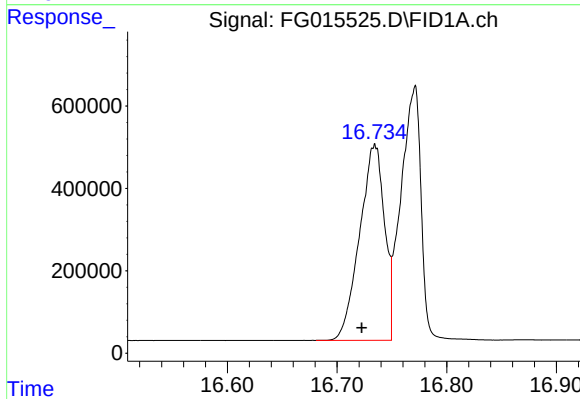
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.169 min
Delta R.T.: 0.010 min
Response: 7904436
Conc: 58.28 ug/ml



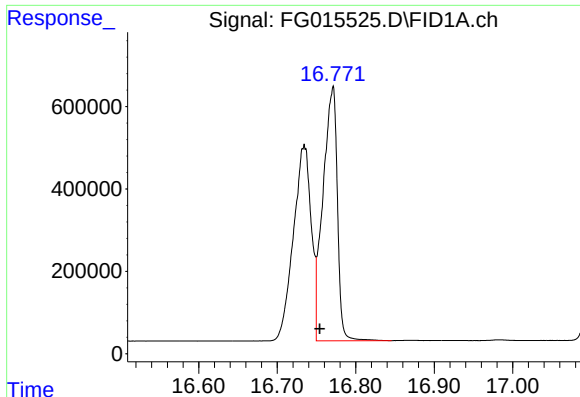
#15 Chrysene (C27.41)

R.T.: 15.215 min
Delta R.T.: 0.014 min
Response: 9013719
Conc: 64.39 ug/ml



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

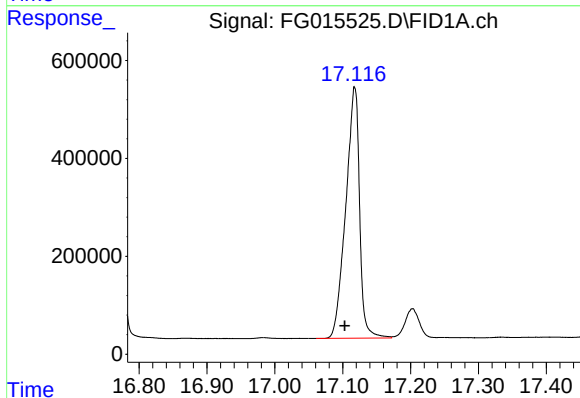
R.T.: 16.734 min
Delta R.T.: 0.012 min
Response: 7466457
Conc: 56.50 ug/ml



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

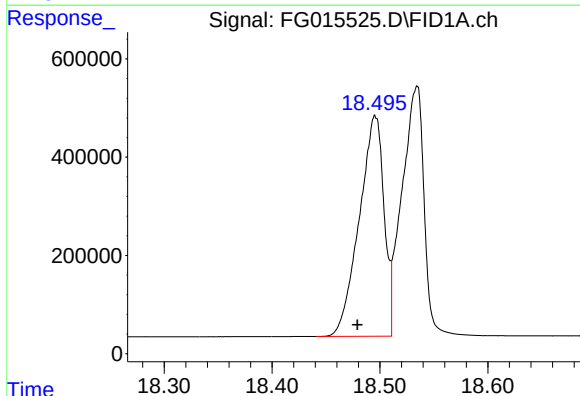
R.T.: 16.770 min
Delta R.T.: 0.016 min
Response: 7877302
Conc: 57.69 ug/ml

Instrument :
FID_G
ClientSampleId :



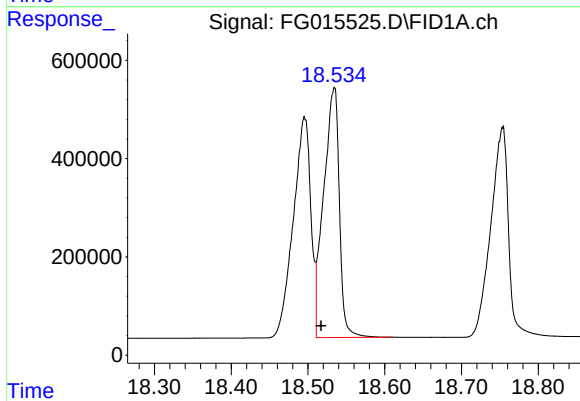
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.117 min
Delta R.T.: 0.014 min
Response: 7258290
Conc: 57.88 ug/ml



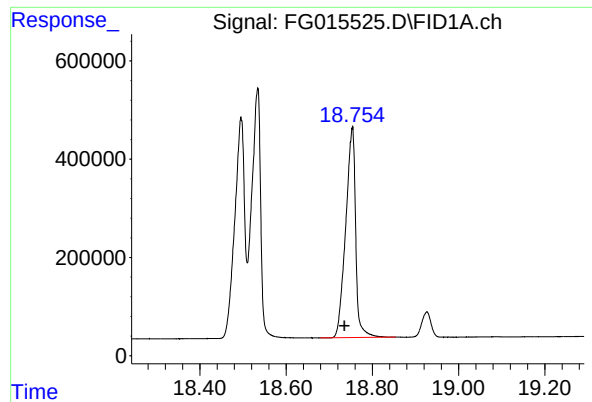
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.495 min
Delta R.T.: 0.016 min
Response: 7164772
Conc: 64.40 ug/ml



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

R.T.: 18.533 min
Delta R.T.: 0.017 min
Response: 7239769
Conc: 56.26 ug/ml



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

R.T.: 18.753 min
Delta R.T.: 0.018 min
Response: 6889604
Conc: 57.66 ug/ml

Instrument :

FID_G

ClientSampleId :