

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AR\
 Data File : FF015356.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 11:13
 Operator : YP\AJ
 Sample : Q1168-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 30 02:45:12 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...	7.992	6933429	52.526 ug/ml
Spiked Amount 50.000		Recovery =	105.05%
6) S 2-Fluorobiphenyl (SURR)	8.865	4573620	54.185 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.37%
11) S ortho-Terphenyl (SURR)	11.930	6844656	39.761 ug/ml
Spiked Amount 50.000		Recovery =	79.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	484791	3.022 ug/ml
2) T Naphthalene (C11.7)	6.270	537682	3.353 ug/ml
3) T 2-Methylnaphthalene (...)	7.364	545107	3.428 ug/ml
5) T Acenaphthylene (C15.06)	8.663	535643	3.371 ug/ml
7) T Acenaphthene (C15.5)	8.962	565340	3.467 ug/ml
8) T Flouorene (C16.55)	9.751	500295	3.177 ug/ml
9) T Phenanthrene (C19.36)	11.156	483157	3.026 ug/ml
10) T Anthracene (C19.43)	11.231	466657	3.161 ug/ml
12) T Fluoranthene (C21.85)	12.976	515231	3.114 ug/ml
13) T Pyrene (C20.8)	13.274	515372	3.182 ug/ml
14) T Benzo[a]anthracene (C...	15.154	366939	2.460 ug/ml
15) T Chrysene (C27.41)	15.196	509695	3.281 ug/ml
16) T benzo[b]fluoranthene ...	16.711	423421	2.861 ug/ml
17) T Bnezo[k]fluoranthene ...	16.744	452667	3.202 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.094	422212	2.972 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.466	383475	3.043 ug/ml
20) T Dibenz[a,h]anthracene...	18.510	489960	3.312 ug/ml
21) T Benzo[g,h,i]perylene ...	18.717	432434	3.203 ug/ml

(f)=RT Delta > 1/2 Window

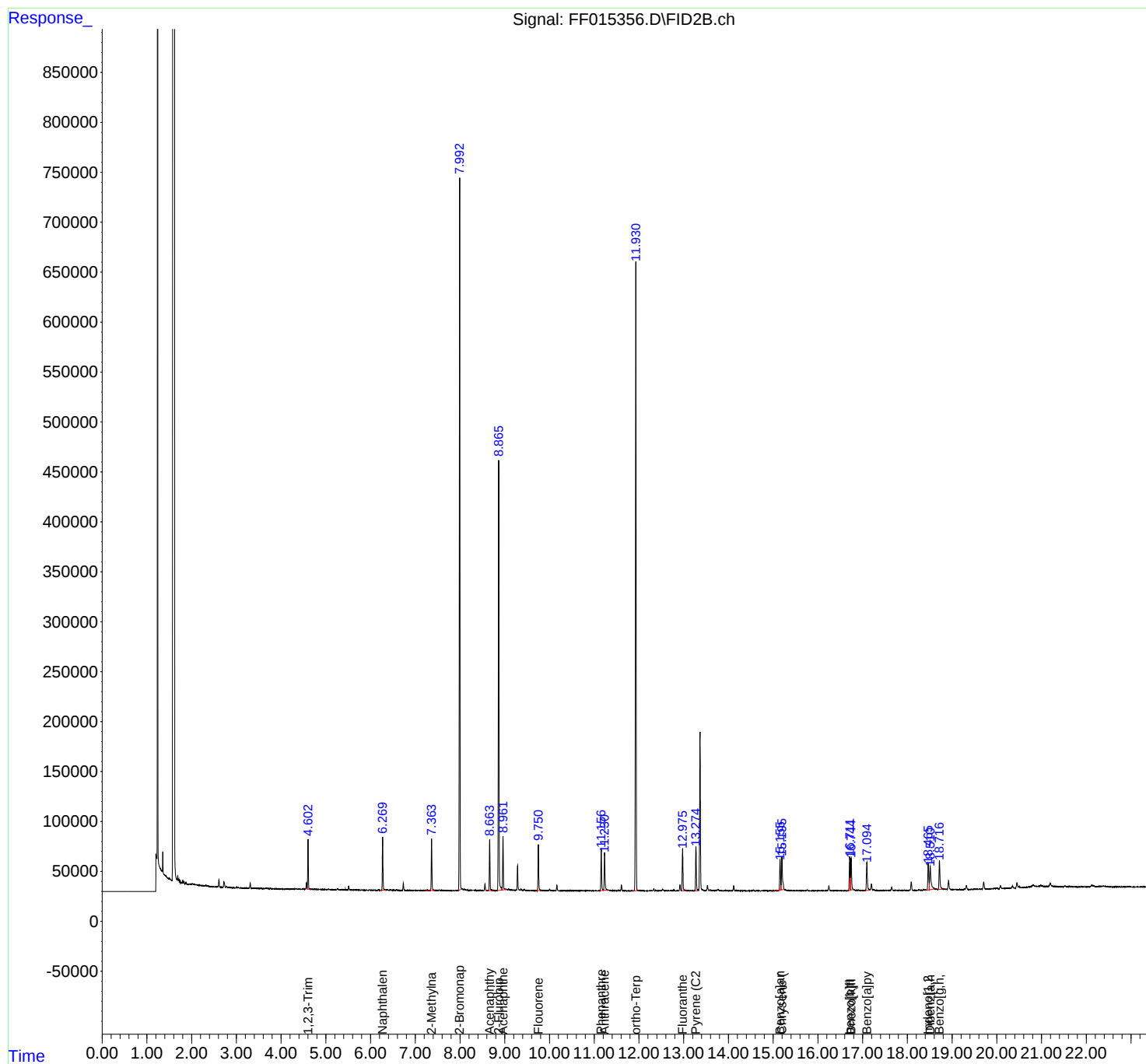
(m)=manual int.

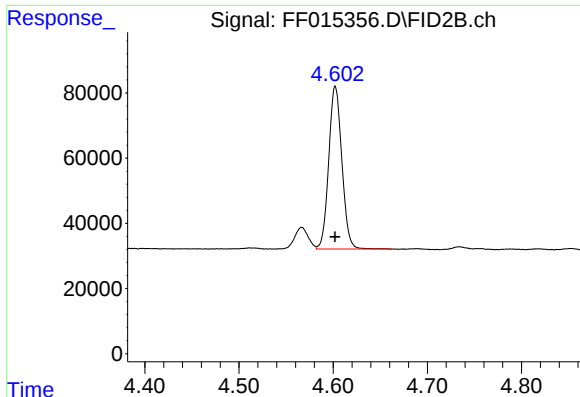
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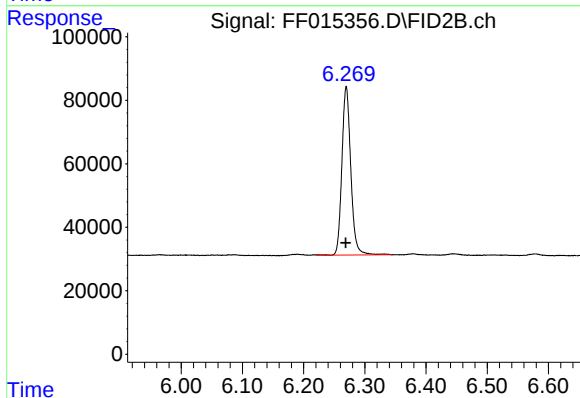




#1 1,2,3-Trimethylbenzene (C10.1)

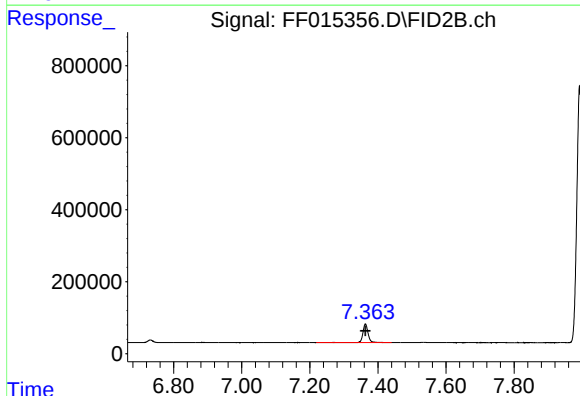
R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 484791
Conc: 3.02 ug/ml

Instrument :
FID_F
ClientSampleId :



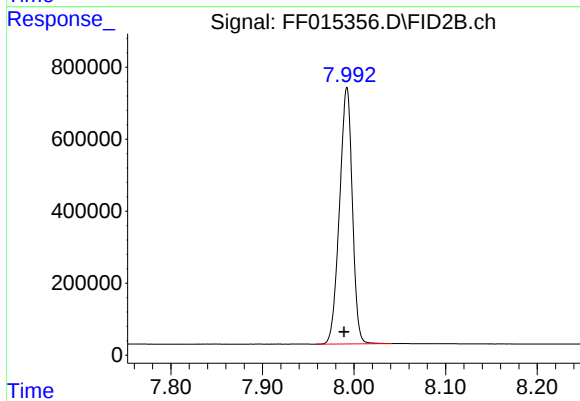
#2 Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 537682
Conc: 3.35 ug/ml



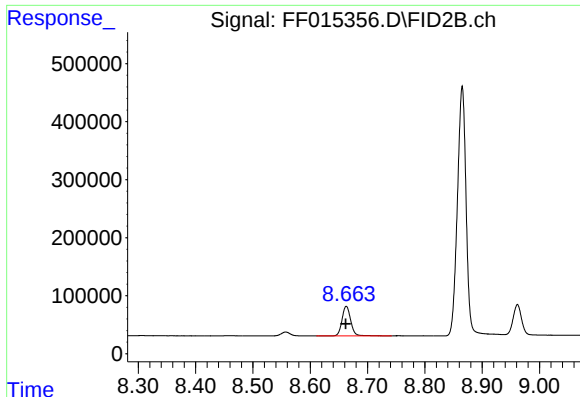
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 545107
Conc: 3.43 ug/ml



#4 2-Bromonaphthalene (SURR)

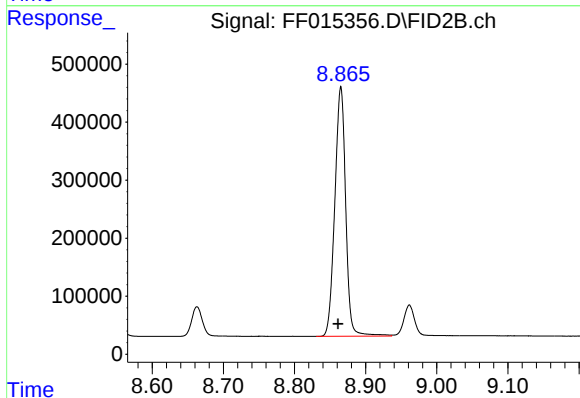
R.T.: 7.992 min
Delta R.T.: 0.003 min
Response: 6933429
Conc: 52.53 ug/ml



#5 Acenaphthylene (C15.06)

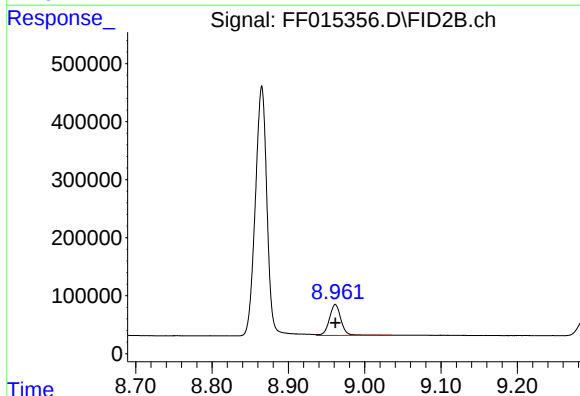
R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 535643
Conc: 3.37 ug/ml

Instrument :
FID_F
ClientSampleId :



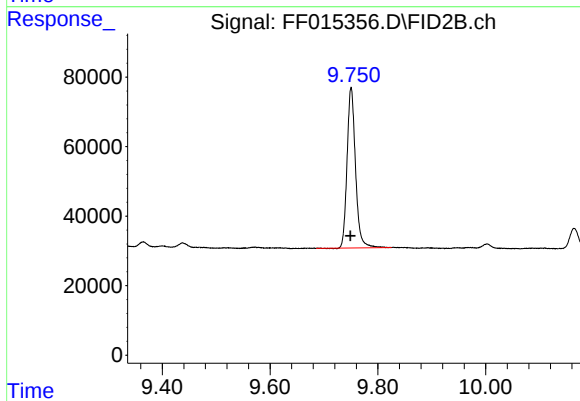
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.865 min
Delta R.T.: 0.003 min
Response: 4573620
Conc: 54.18 ug/ml



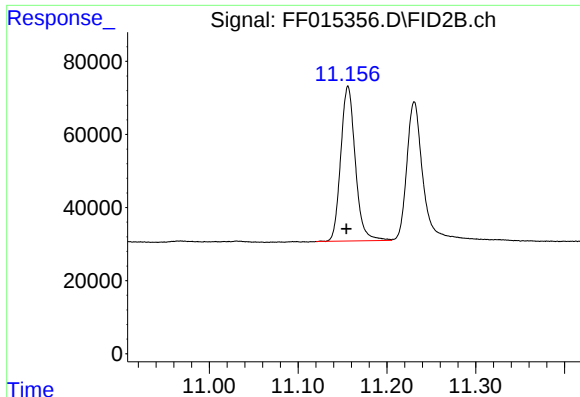
#7 Acenaphthene (C15.5)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 565340
Conc: 3.47 ug/ml



#8 Flouorene (C16.55)

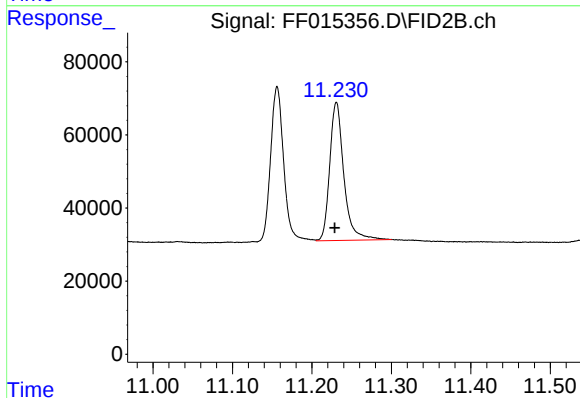
R.T.: 9.751 min
Delta R.T.: 0.001 min
Response: 500295
Conc: 3.18 ug/ml



#9 Phenanthrene (C19.36)

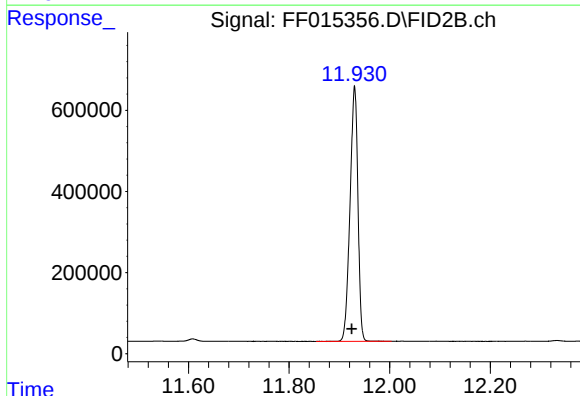
R.T.: 11.156 min
Delta R.T.: 0.002 min
Response: 483157
Conc: 3.03 ug/ml

Instrument :
FID_F
ClientSampleId :



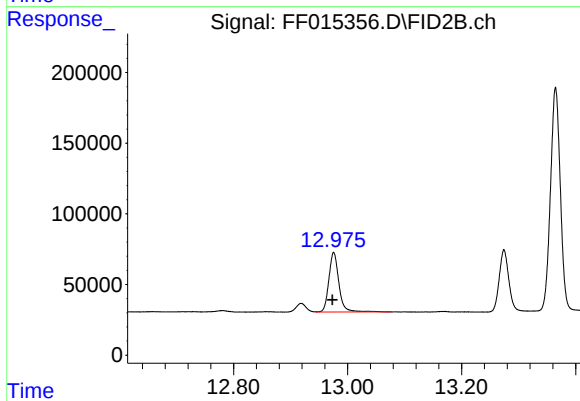
#10 Anthracene (C19.43)

R.T.: 11.231 min
Delta R.T.: 0.002 min
Response: 466657
Conc: 3.16 ug/ml



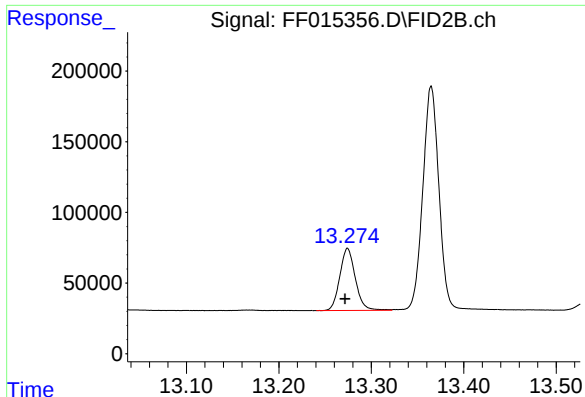
#11 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: 0.006 min
Response: 6844656
Conc: 39.76 ug/ml



#12 Fluoranthene (C21.85)

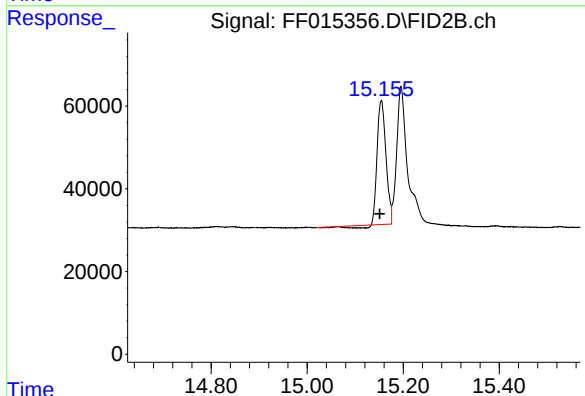
R.T.: 12.976 min
Delta R.T.: 0.002 min
Response: 515231
Conc: 3.11 ug/ml



#13 Pyrene (C20.8)

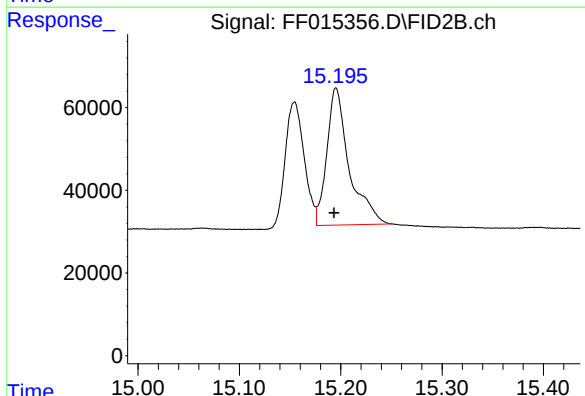
R.T.: 13.274 min
Delta R.T.: 0.003 min
Response: 515372
Conc: 3.18 ug/ml

Instrument :
FID_F
ClientSampleId :



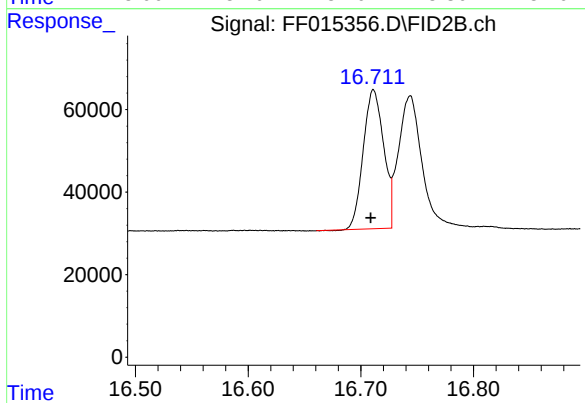
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.154 min
Delta R.T.: 0.003 min
Response: 366939
Conc: 2.46 ug/ml



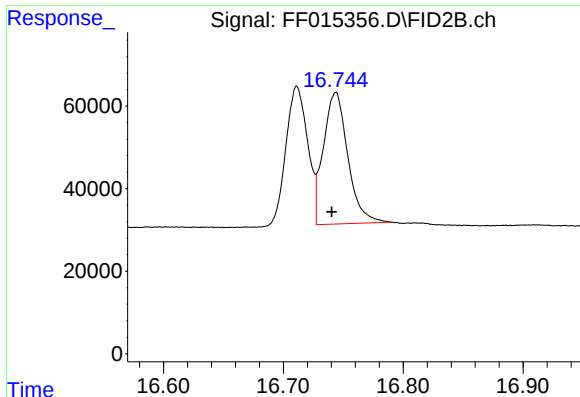
#15 Chrysene (C27.41)

R.T.: 15.196 min
Delta R.T.: 0.002 min
Response: 509695
Conc: 3.28 ug/ml



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

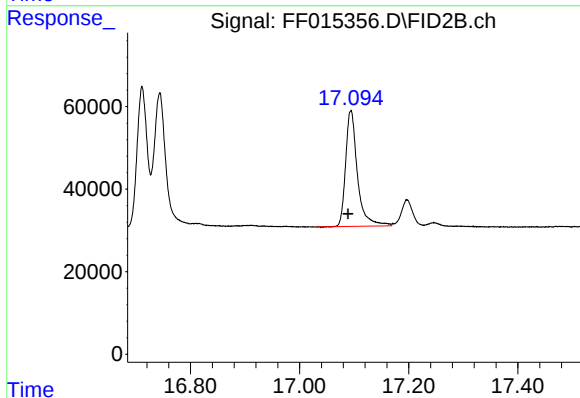
R.T.: 16.711 min
Delta R.T.: 0.003 min
Response: 423421
Conc: 2.86 ug/ml



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

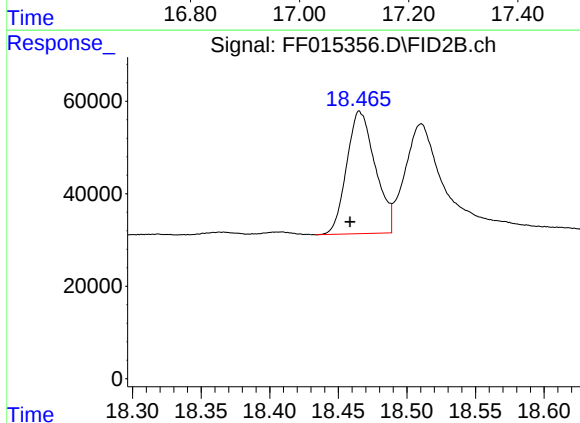
R.T.: 16.744 min
Delta R.T.: 0.003 min
Response: 452667
Conc: 3.20 ug/ml

Instrument :
FID_F
ClientSampleId :



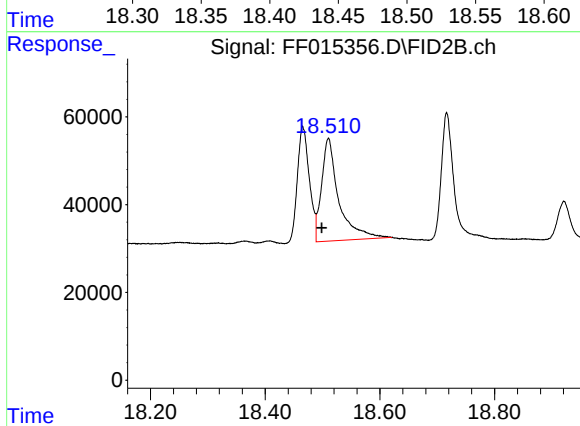
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.094 min
Delta R.T.: 0.005 min
Response: 422212
Conc: 2.97 ug/ml



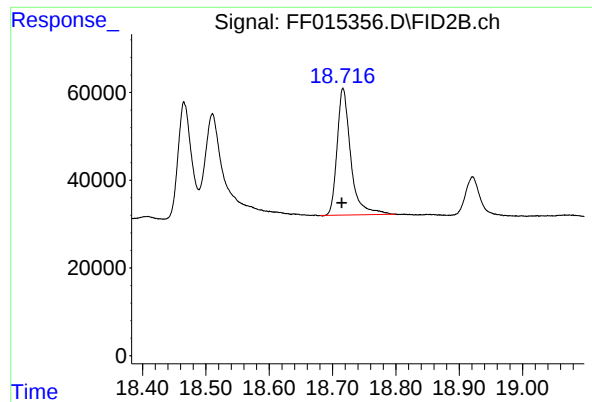
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.466 min
Delta R.T.: 0.007 min
Response: 383475
Conc: 3.04 ug/ml



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

R.T.: 18.510 min
Delta R.T.: 0.011 min
Response: 489960
Conc: 3.31 ug/ml



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

R.T.: 18.717 min
Delta R.T.: 0.002 min
Response: 432434
Conc: 3.20 ug/ml

Instrument :

FID_F

ClientSampleId :