

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AR\
 Data File : FF015357.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 11:42
 Operator : YP\AJ
 Sample : Q1168-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 30 02:45:40 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	7274665	55.111 ug/ml
Spiked Amount 50.000		Recovery =	110.22%
6) S 2-Fluorobiphenyl (SURR)	8.865	4547670	53.877 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.75%
11) S ortho-Terphenyl (SURR)	11.930	6950226	40.375 ug/ml
Spiked Amount 50.000		Recovery =	80.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	583426	3.637 ug/ml
2) T Naphthalene (C11.7)	6.269	647044	4.036 ug/ml
3) T 2-Methylnaphthalene (...)	7.363	660689	4.155 ug/ml
5) T Acenaphthylene (C15.06)	8.663	669280	4.212 ug/ml
7) T Acenaphthene (C15.5)	8.961	687805	4.218 ug/ml
8) T Flouorene (C16.55)	9.750	626282	3.977 ug/ml
9) T Phenanthrene (C19.36)	11.155	611288	3.829 ug/ml
10) T Anthracene (C19.43)	11.230	598059	4.051 ug/ml
12) T Fluoranthene (C21.85)	12.976	650396	3.931 ug/ml
13) T Pyrene (C20.8)	13.274	652952	4.031 ug/ml
14) T Benzo[a]anthracene (C...	15.154	511223	3.427 ug/ml
15) T Chrysene (C27.41)	15.196	672515	4.330 ug/ml
16) T benzo[b]fluoranthene ...	16.712	552122	3.731 ug/ml
17) T Bnezo[k]fluoranthene ...	16.743	584285	4.132 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.093	549755	3.869 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.465	499910	3.967 ug/ml
20) T Dibenz[a,h]anthracene...	18.509	594702	4.020 ug/ml
21) T Benzo[g,h,i]perylene ...	18.716	561440	4.159 ug/ml

(f)=RT Delta > 1/2 Window

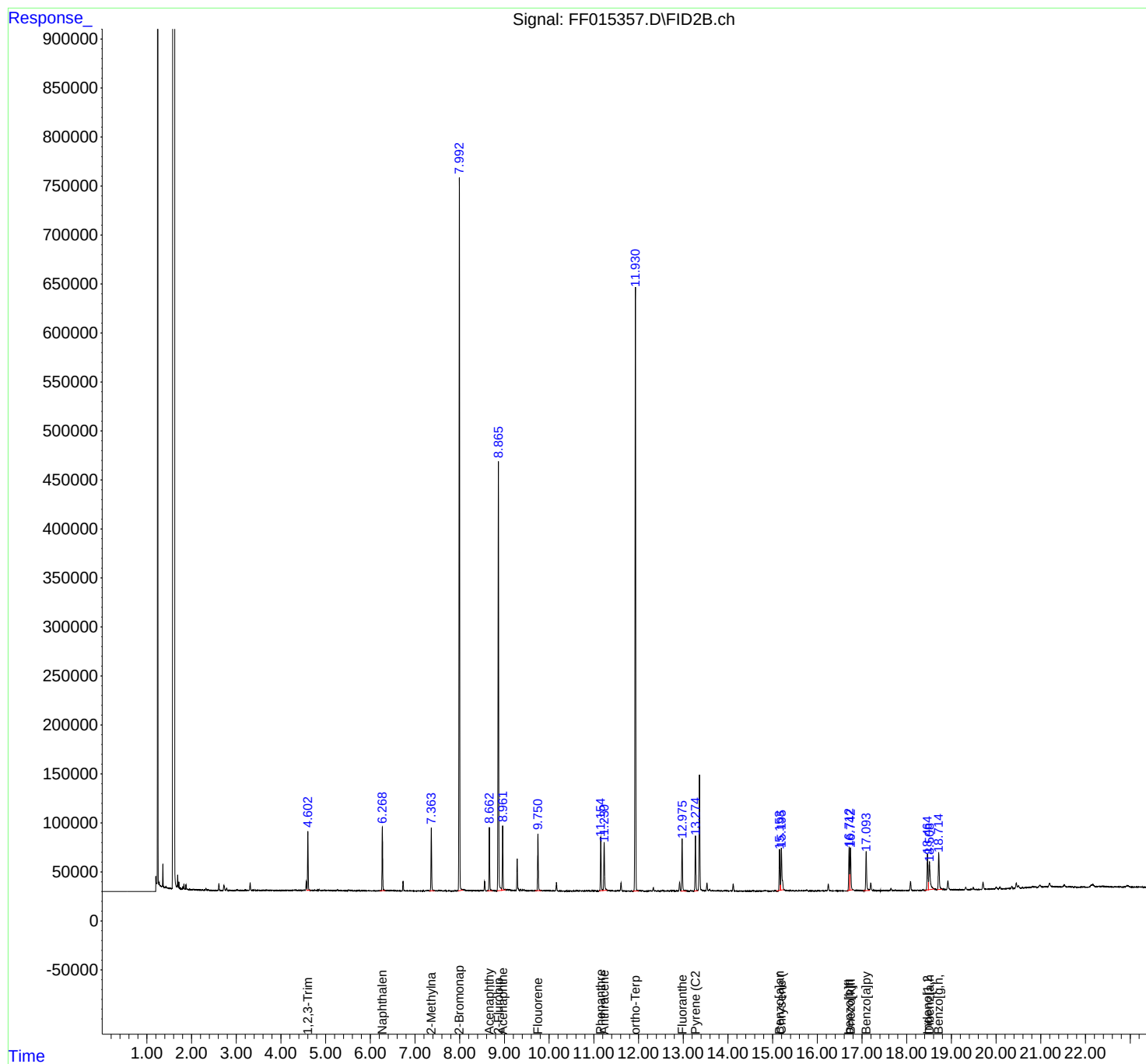
(m)=manual int.

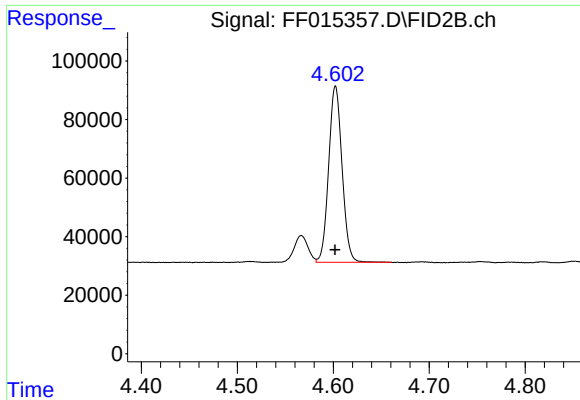
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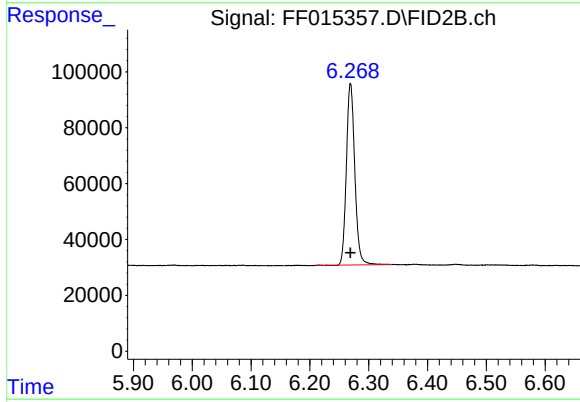




#1 1,2,3-Trimethylbenzene (C10.1)

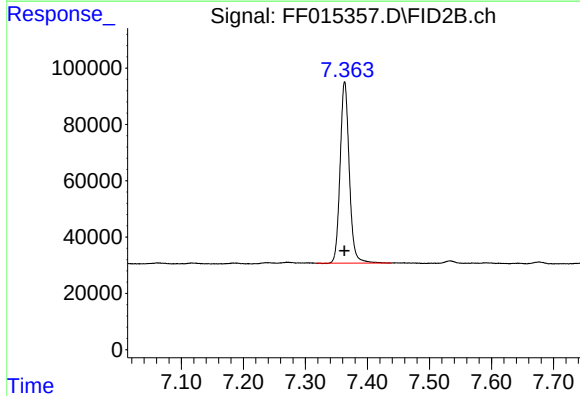
R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 583426
Conc: 3.64 ug/ml

Instrument :
FID_F
ClientSampleId :



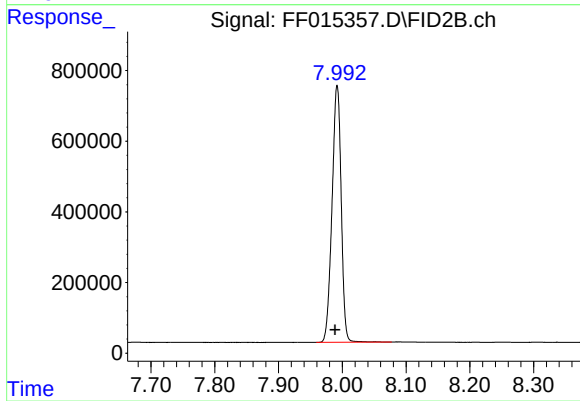
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 647044
Conc: 4.04 ug/ml



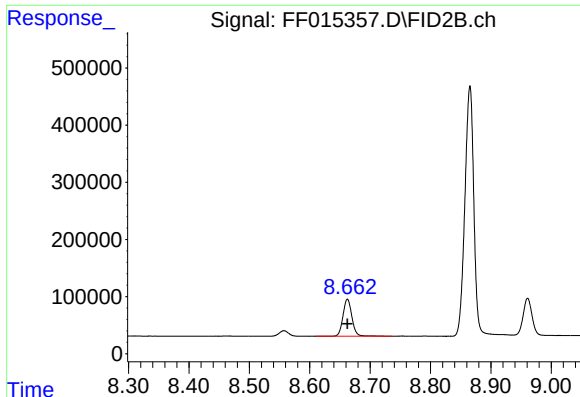
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 660689
Conc: 4.15 ug/ml



#4 2-Bromonaphthalene (SURR)

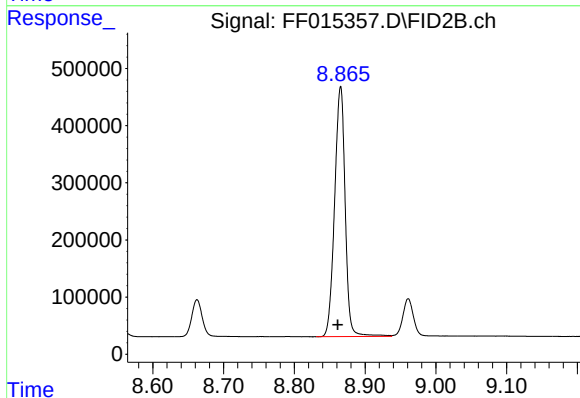
R.T.: 7.992 min
Delta R.T.: 0.003 min
Response: 7274665
Conc: 55.11 ug/ml



#5 Acenaphthylene (C15.06)

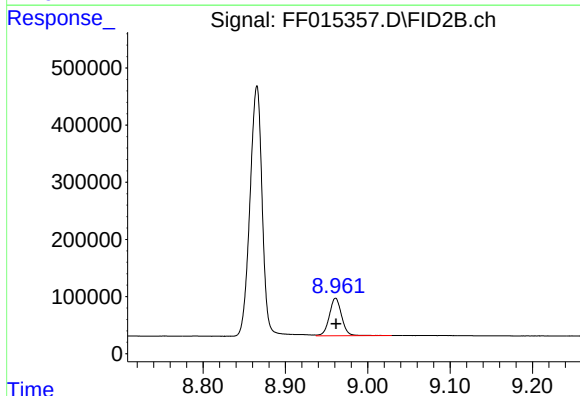
R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 669280
Conc: 4.21 ug/ml

Instrument :
FID_F
ClientSampleId :



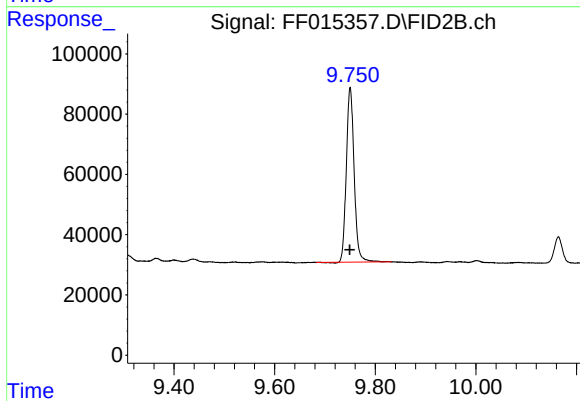
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.865 min
Delta R.T.: 0.004 min
Response: 4547670
Conc: 53.88 ug/ml



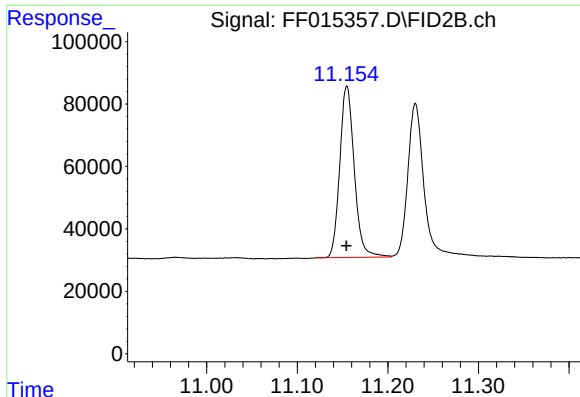
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 687805
Conc: 4.22 ug/ml



#8 Flouorene (C16.55)

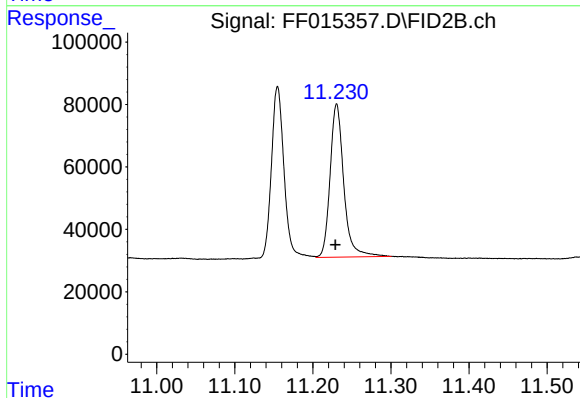
R.T.: 9.750 min
Delta R.T.: 0.001 min
Response: 626282
Conc: 3.98 ug/ml



#9 Phenanthrene (C19.36)

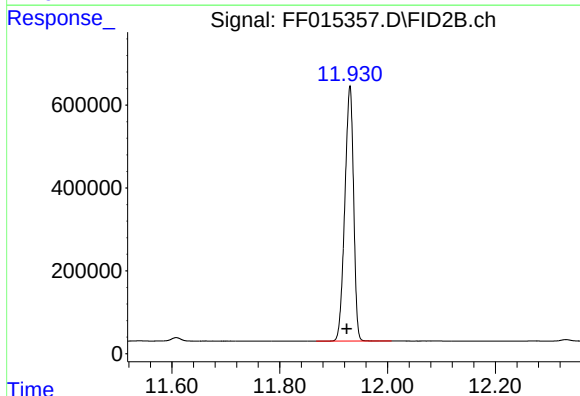
R.T.: 11.155 min
Delta R.T.: 0.000 min
Response: 611288
Conc: 3.83 ug/ml

Instrument :
FID_F
ClientSampleId :



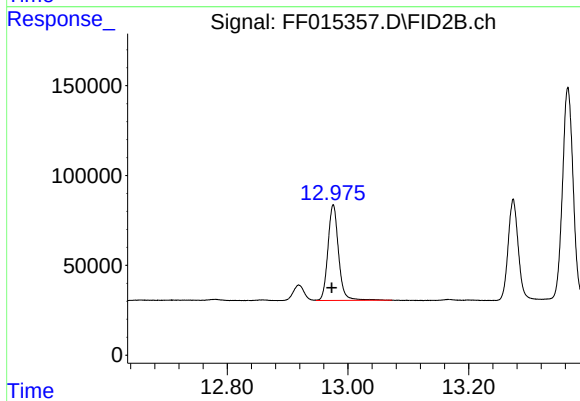
#10 Anthracene (C19.43)

R.T.: 11.230 min
Delta R.T.: 0.002 min
Response: 598059
Conc: 4.05 ug/ml



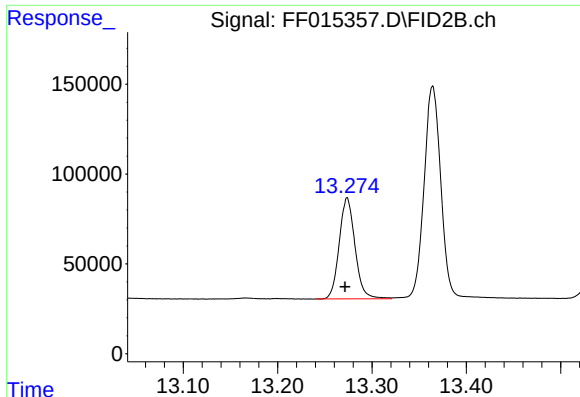
#11 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: 0.006 min
Response: 6950226
Conc: 40.37 ug/ml



#12 Fluoranthene (C21.85)

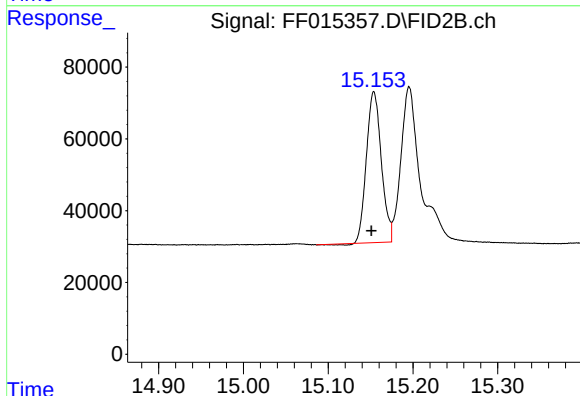
R.T.: 12.976 min
Delta R.T.: 0.002 min
Response: 650396
Conc: 3.93 ug/ml



#13 Pyrene (C20.8)

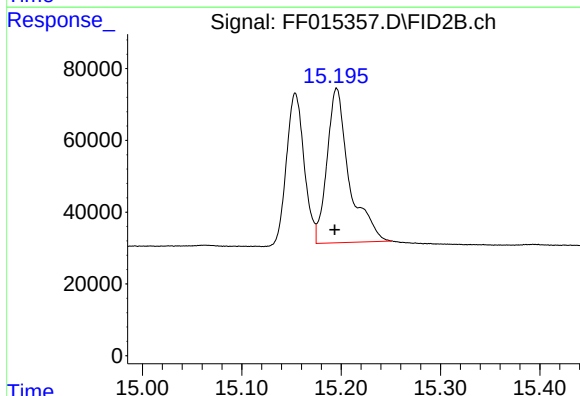
R.T.: 13.274 min
Delta R.T.: 0.002 min
Response: 652952
Conc: 4.03 ug/ml

Instrument :
FID_F
ClientSampleId :



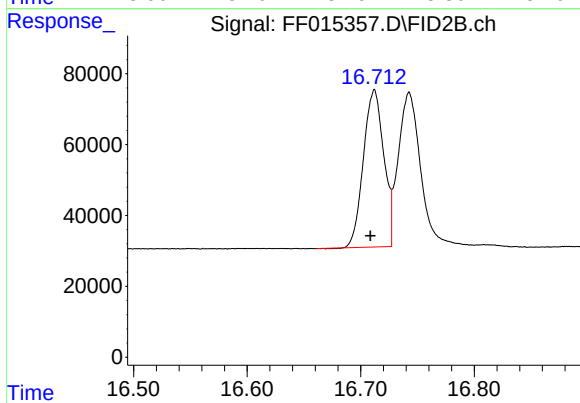
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.154 min
Delta R.T.: 0.003 min
Response: 511223
Conc: 3.43 ug/ml



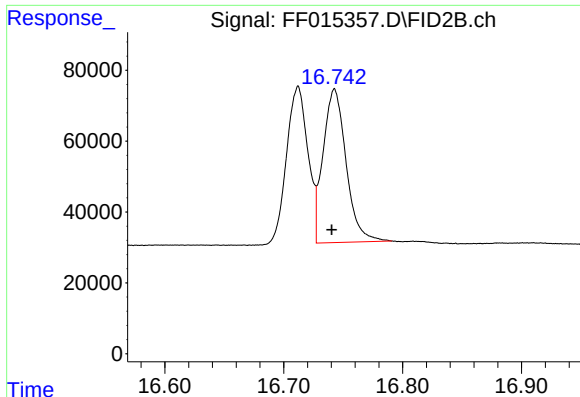
#15 Chrysene (C27.41)

R.T.: 15.196 min
Delta R.T.: 0.002 min
Response: 672515
Conc: 4.33 ug/ml



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

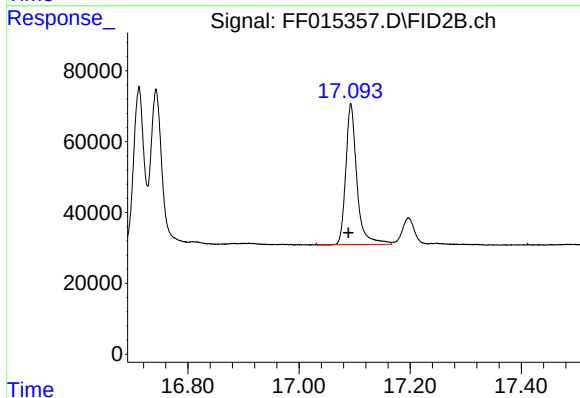
R.T.: 16.712 min
Delta R.T.: 0.003 min
Response: 552122
Conc: 3.73 ug/ml



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

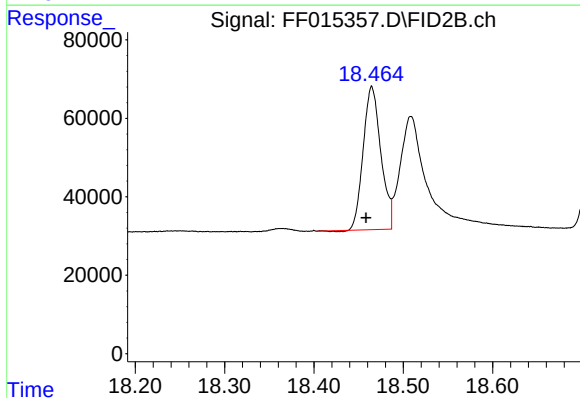
R.T.: 16.743 min
Delta R.T.: 0.002 min
Response: 584285
Conc: 4.13 ug/ml

Instrument :
FID_F
ClientSampleId :



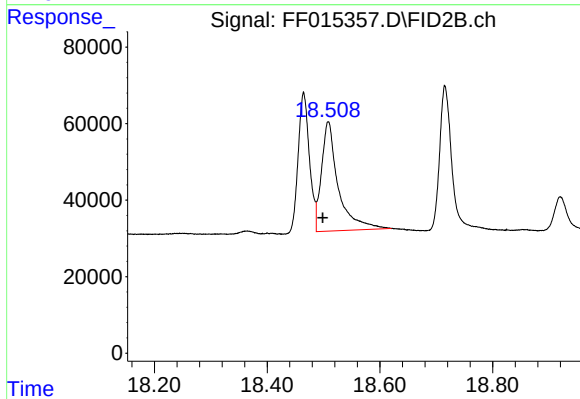
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.093 min
Delta R.T.: 0.004 min
Response: 549755
Conc: 3.87 ug/ml



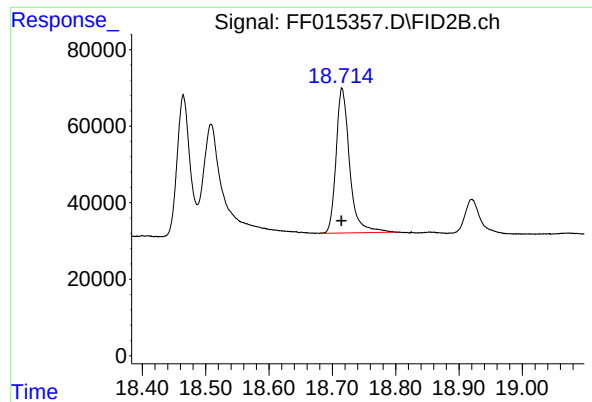
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.465 min
Delta R.T.: 0.006 min
Response: 499910
Conc: 3.97 ug/ml



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

R.T.: 18.509 min
Delta R.T.: 0.010 min
Response: 594702
Conc: 4.02 ug/ml



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

R.T.: 18.716 min
Delta R.T.: 0.001 min
Response: 561440
Conc: 4.16 ug/ml

Instrument :

FID_F

ClientSampleId :