

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082124AR\
 Data File : FF014452.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2024 10:43
 Operator : YP\AJ
 Sample : P3390-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 22 03:08:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 15:55:53 2024
 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...	7.875	5938807	53.038 ug/ml
Spiked Amount 50.000		Recovery =	106.08%
6) S 2-Fluorobiphenyl (SURR)	8.745	3567863	53.293 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	106.59%
11) S ortho-Terphenyl (SURR)	11.808	6620409	45.952 ug/ml
Spiked Amount 50.000		Recovery =	91.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	380767	2.858 ug/ml
2) T Naphthalene (C11.7)	6.157	393699	2.957 ug/ml
3) T 2-Methylnaphthalene (...)	7.253	397792	2.980 ug/ml
5) T Acenaphthylene (C15.06)	8.546	448328	3.347 ug/ml
7) T Acenaphthene (C15.5)	8.843	623693	4.371 ug/ml
8) T Fluorene (C16.55)	9.638	385267	2.971 ug/ml
9) T Phenanthrene (C19.36)	11.041	350960	2.755 ug/ml
10) T Anthracene (C19.43)	11.119	326880	2.450 ug/ml
12) T Fluoranthene (C21.85)	12.858	448838	3.267 ug/ml
13) T Pyrene (C20.8)	13.153	451369	3.259 ug/ml
14) T Benzo[a]anthracene (C...	15.044	241710	2.150 ug/ml
15) T Chrysene (C27.41)	15.082	617775	3.955 ug/ml
16) T benzo[b]fluoranthene ...	16.598	258422	2.196 ug/ml
17) T Bnezo[k]fluoranthene ...	16.631	559335	3.856 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.987	311424	2.465 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.383	230728	2.760 ug/ml
20) T Dibenz[a,h]anthracene...	18.424	406184	2.940 ug/ml
21) T Benzo[g,h,i]perylene ...	18.604	351524	2.865 ug/ml

(f)=RT Delta > 1/2 Window

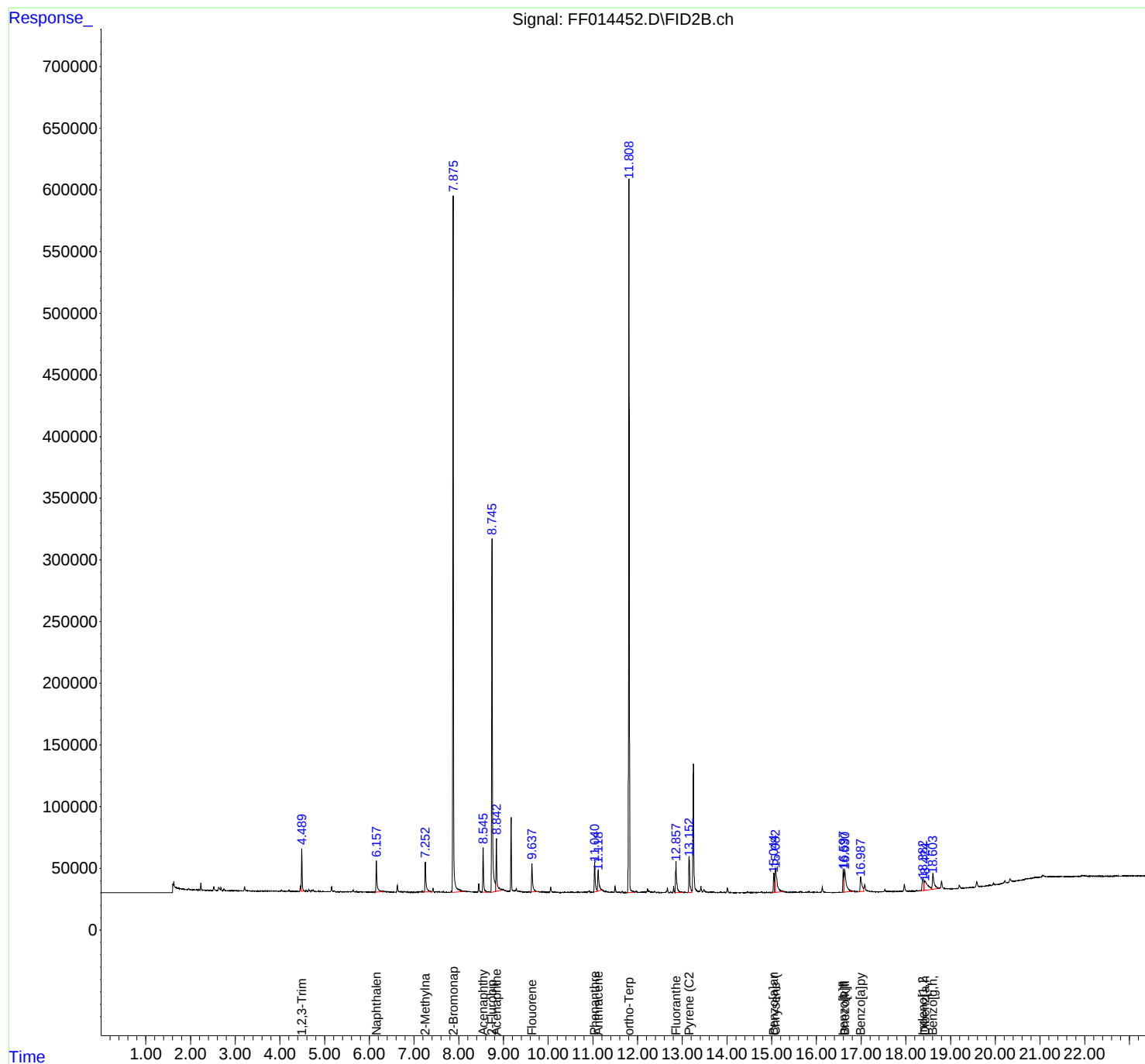
(m)=manual int.

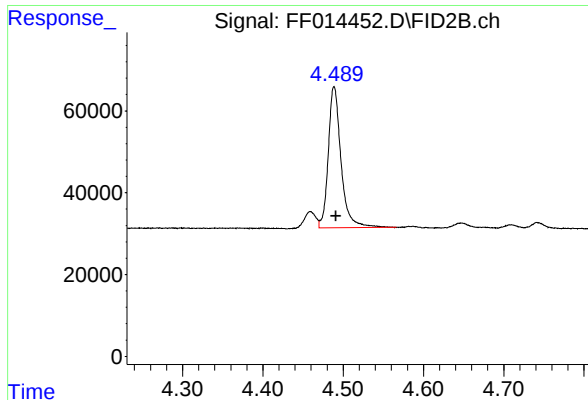
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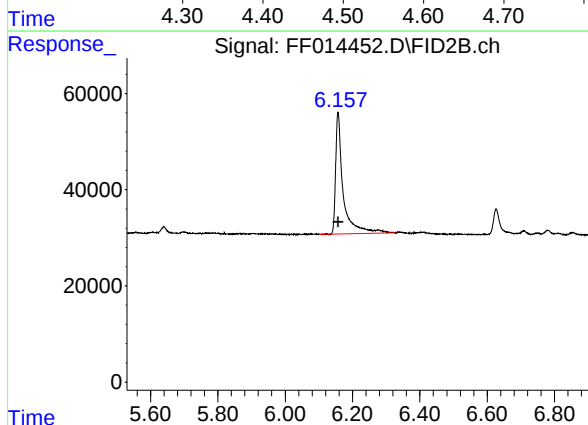




#1 1,2,3-Trimethylbenzene (C10.1)

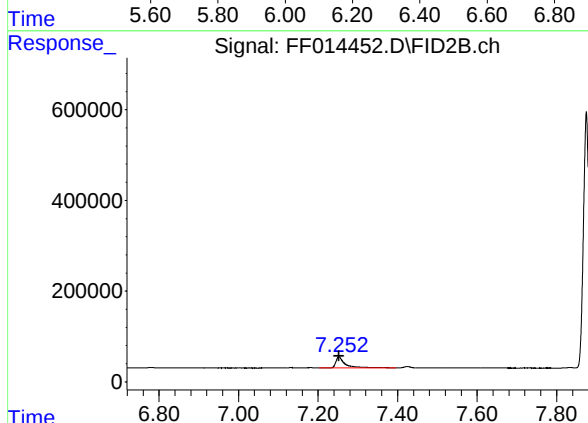
R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 380767
Conc: 2.86 ug/ml

Instrument :
FID_F
ClientSampleId :



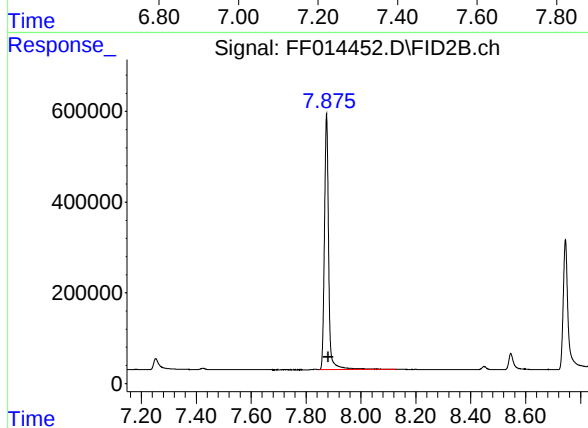
#2 Naphthalene (C11.7)

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 393699
Conc: 2.96 ug/ml



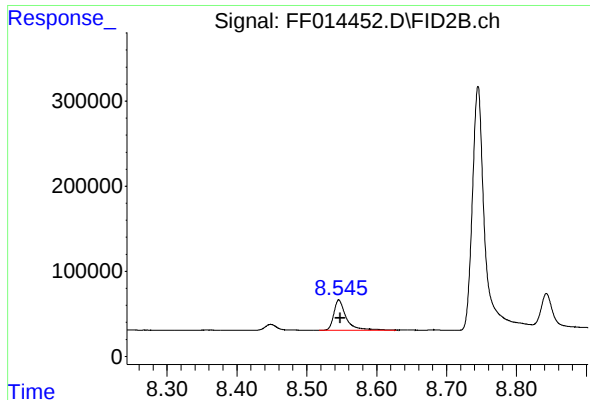
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 397792
Conc: 2.98 ug/ml



#4 2-Bromonaphthalene (SURR)

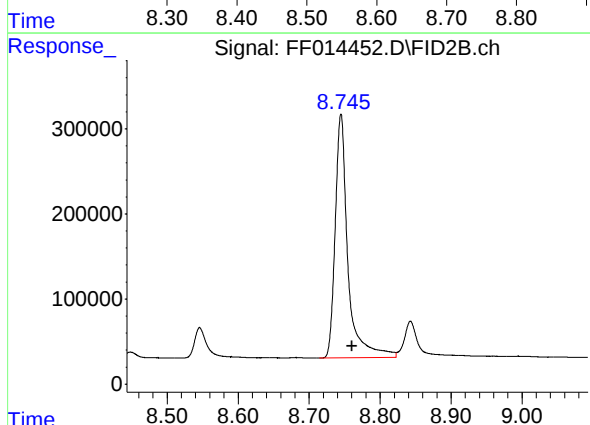
R.T.: 7.875 min
Delta R.T.: -0.007 min
Response: 5938807
Conc: 53.04 ug/ml



#5 Acenaphthylene (C15.06)

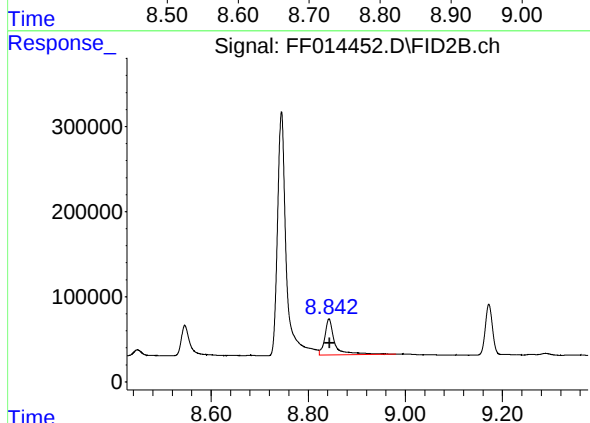
R.T.: 8.546 min
Delta R.T.: -0.002 min
Response: 448328
Conc: 3.35 ug/ml

Instrument :
FID_F
ClientSampleId :



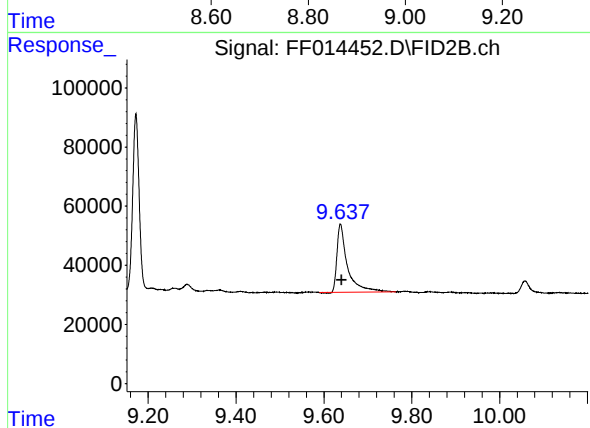
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.745 min
Delta R.T.: -0.016 min
Response: 3567863
Conc: 53.29 ug/ml



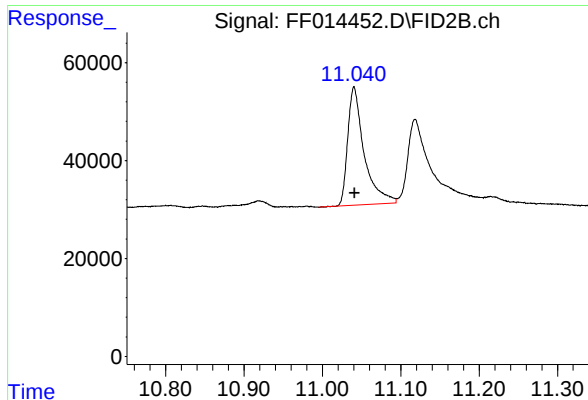
#7 Acenaphthene (C15.5)

R.T.: 8.843 min
Delta R.T.: -0.001 min
Response: 623693
Conc: 4.37 ug/ml



#8 Flouorene (C16.55)

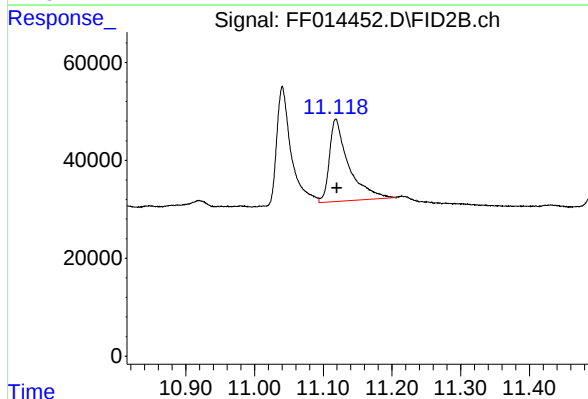
R.T.: 9.638 min
Delta R.T.: -0.002 min
Response: 385267
Conc: 2.97 ug/ml



#9 Phenanthrene (C19.36)

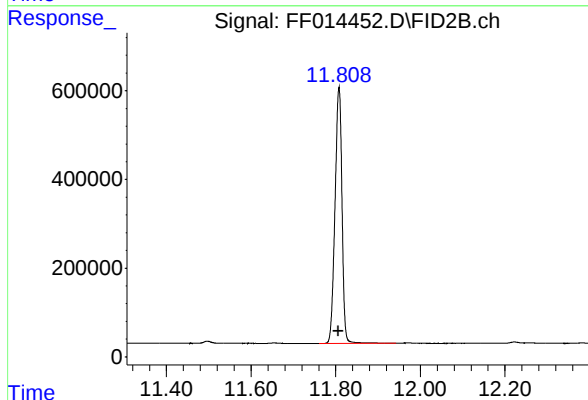
R.T.: 11.041 min
Delta R.T.: 0.000 min
Response: 350960
Conc: 2.75 ug/ml

Instrument :
FID_F
ClientSampleId :



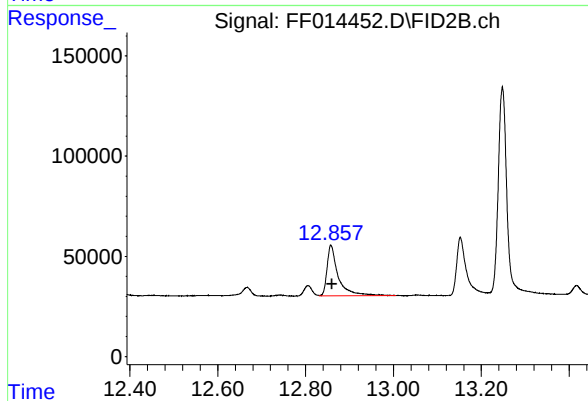
#10 Anthracene (C19.43)

R.T.: 11.119 min
Delta R.T.: -0.001 min
Response: 326880
Conc: 2.45 ug/ml



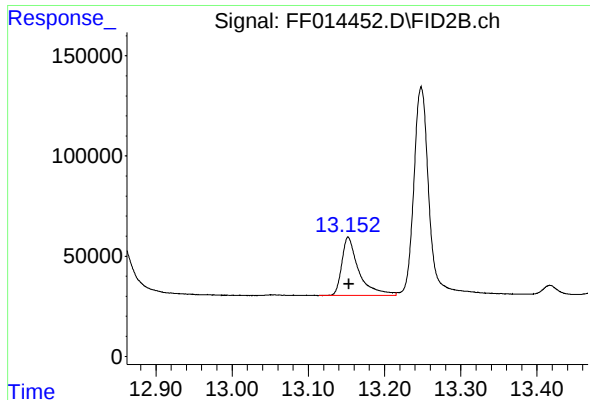
#11 ortho-Terphenyl (SURR)

R.T.: 11.808 min
Delta R.T.: 0.002 min
Response: 6620409
Conc: 45.95 ug/ml



#12 Fluoranthene (C21.85)

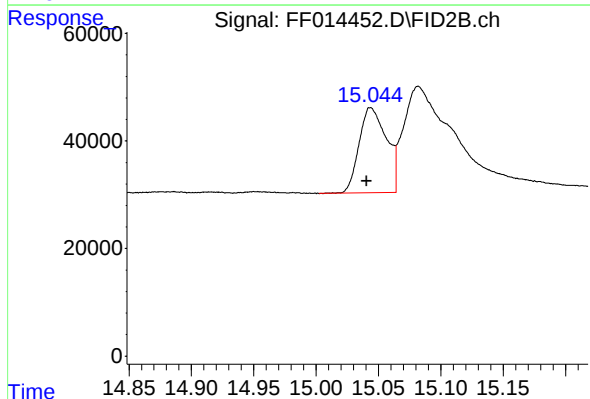
R.T.: 12.858 min
Delta R.T.: -0.002 min
Response: 448838
Conc: 3.27 ug/ml



#13 Pyrene (C20.8)

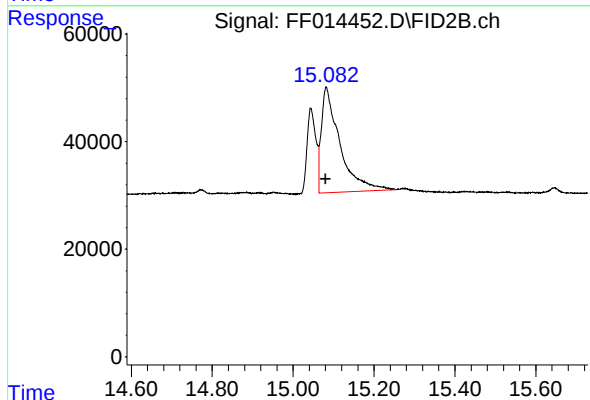
R.T.: 13.153 min
Delta R.T.: 0.000 min
Response: 451369
Conc: 3.26 ug/ml

Instrument :
FID_F
ClientSampleId :



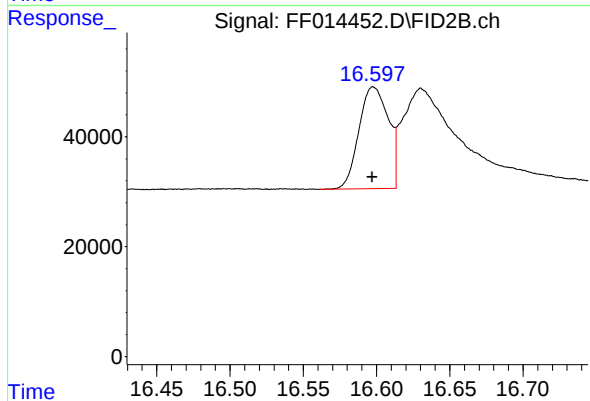
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.044 min
Delta R.T.: 0.004 min
Response: 241710
Conc: 2.15 ug/ml



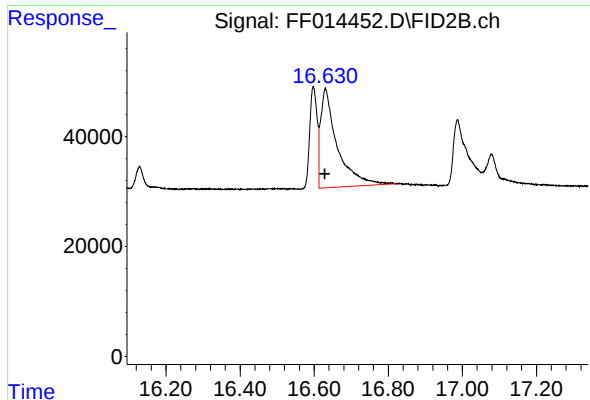
#15 Chrysene (C27.41)

R.T.: 15.082 min
Delta R.T.: 0.001 min
Response: 617775
Conc: 3.95 ug/ml



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

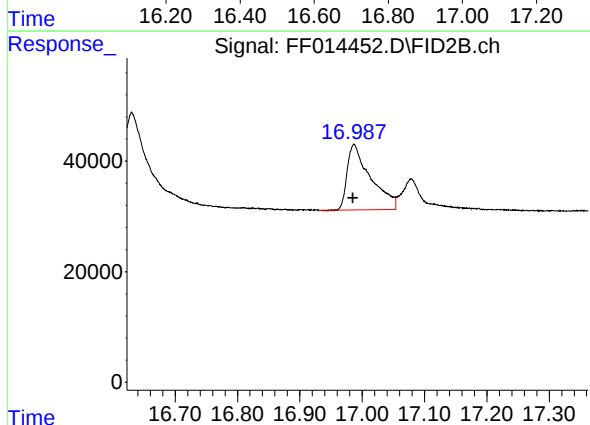
R.T.: 16.598 min
Delta R.T.: 0.001 min
Response: 258422
Conc: 2.20 ug/ml



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

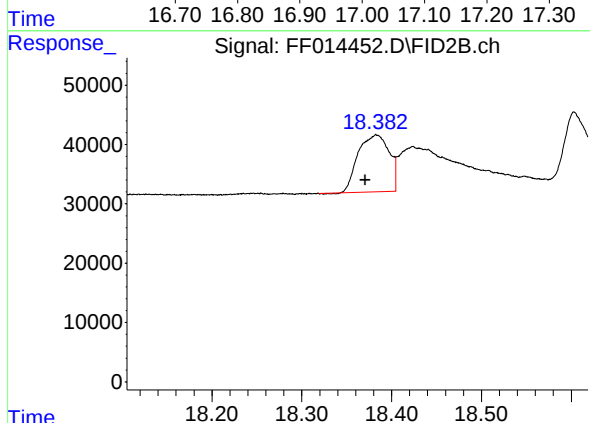
R.T.: 16.631 min
Delta R.T.: 0.001 min
Response: 559335
Conc: 3.86 ug/ml

Instrument :
FID_F
ClientSampleId :



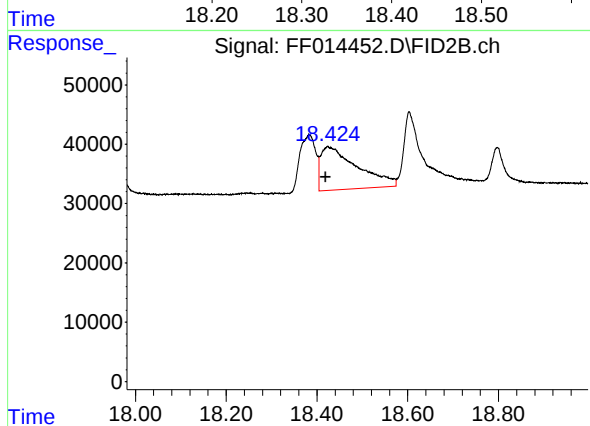
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.987 min
Delta R.T.: 0.002 min
Response: 311424
Conc: 2.47 ug/ml



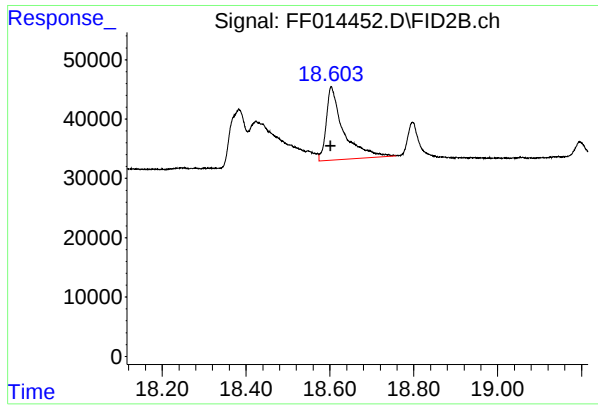
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.383 min
Delta R.T.: 0.013 min
Response: 230728
Conc: 2.76 ug/ml



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

R.T.: 18.424 min
Delta R.T.: 0.004 min
Response: 406184
Conc: 2.94 ug/ml



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

R.T.: 18.604 min

Delta R.T.: 0.002 min

Response: 351524

Conc: 2.86 ug/ml

Instrument :

FID_F

ClientSampleId :