

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082124AR\
 Data File : FF014451.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2024 10:14
 Operator : YP\AJ
 Sample : P3390-01
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 22 03:08:11 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	5868763	52.413 ug/ml
Spiked Amount 50.000		Recovery =	104.83%
6) S 2-Fluorobiphenyl (SURR)	8.745	3601032	53.788 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	107.58%
11) S ortho-Terphenyl (SURR)	11.807	6358594	44.134 ug/ml
Spiked Amount 50.000		Recovery =	88.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.491	232991	1.749 ug/ml
2) T Naphthalene (C11.7)	6.161	237187	1.782 ug/ml
3) T 2-Methylnaphthalene (...)	7.257	230500	1.727 ug/ml
5) T Acenaphthylene (C15.06)	8.548	265844	1.985 ug/ml
7) T Acenaphthene (C15.5)	8.843	597489	4.187 ug/ml
8) T Fluorene (C16.55)	9.641	238090	1.836 ug/ml
9) T Phenanthrene (C19.36)	11.046	206683	1.622 ug/ml
10) T Anthracene (C19.43)	11.125	239632	1.796 ug/ml
12) T Fluoranthene (C21.85)	12.864	262844	1.913 ug/ml
13) T Pyrene (C20.8)	13.157	253299	1.829 ug/ml
14) T Benzo[a]anthracene (C...	15.061	101393	0.902 ug/ml
15) T Chrysene (C27.41)	15.100	403124	2.581 ug/ml
16) T benzo[b]fluoranthene ...	16.612	130403	1.108 ug/ml
17) T Bnezo[k]fluoranthene ...	16.645	325989	2.247 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.004	147648	1.169 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.393	133928	1.602 ug/ml
20) T Dibenz[a,h]anthracene...	18.393	133928	0.969 ug/ml
21) T Benzo[g,h,i]perylene ...	18.617	148145	1.207 ug/ml

(f)=RT Delta > 1/2 Window

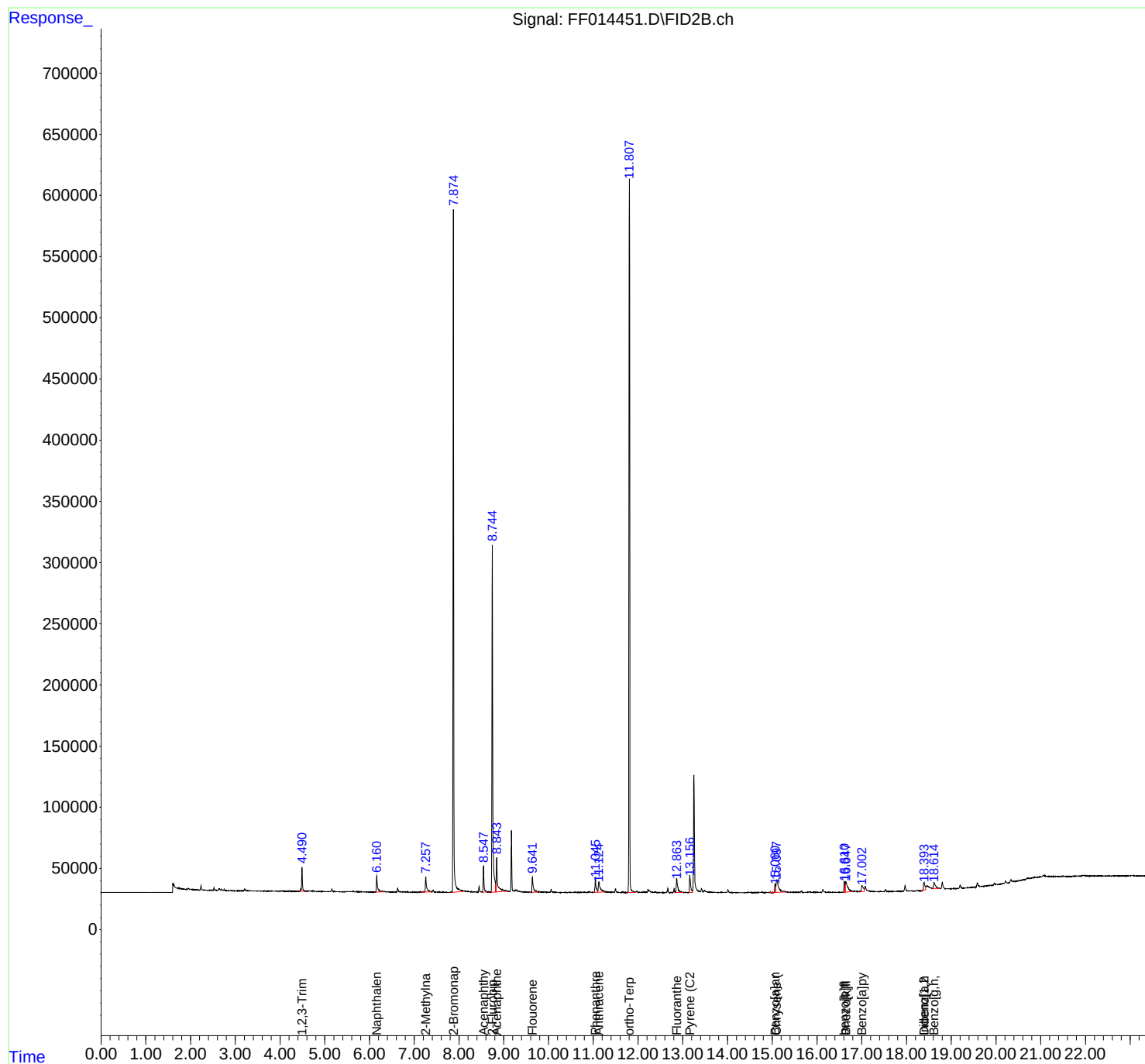
(m)=manual int.

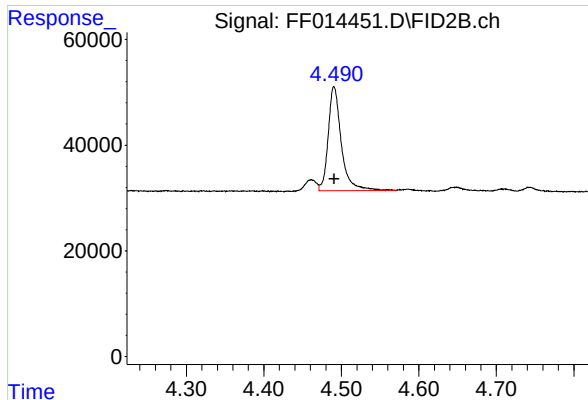
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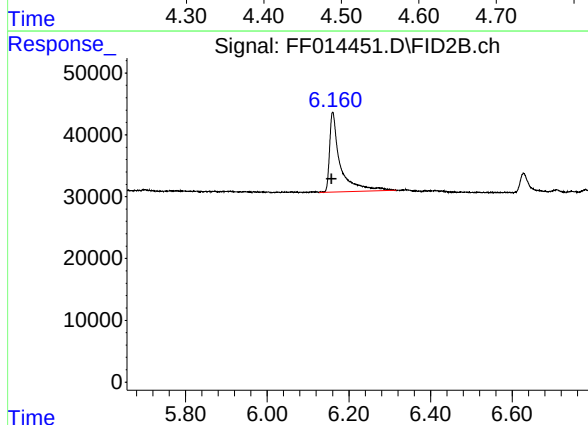




#1 1,2,3-Trimethylbenzene (C10.1)

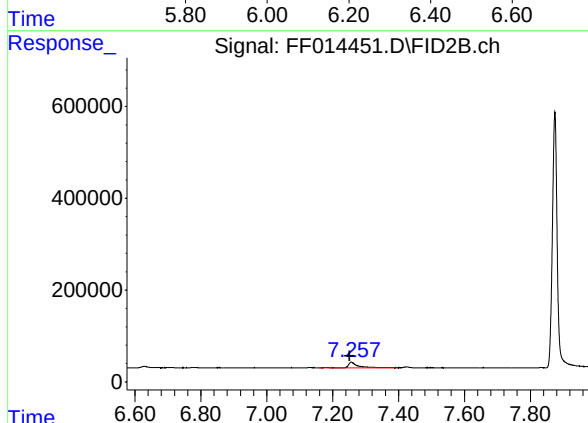
R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 232991
Conc: 1.75 ug/ml

Instrument : FID_F
ClientSampleId :



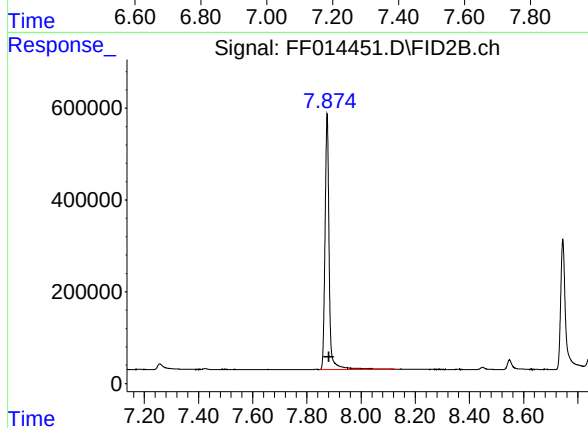
#2 Naphthalene (C11.7)

R.T.: 6.161 min
Delta R.T.: 0.004 min
Response: 237187
Conc: 1.78 ug/ml



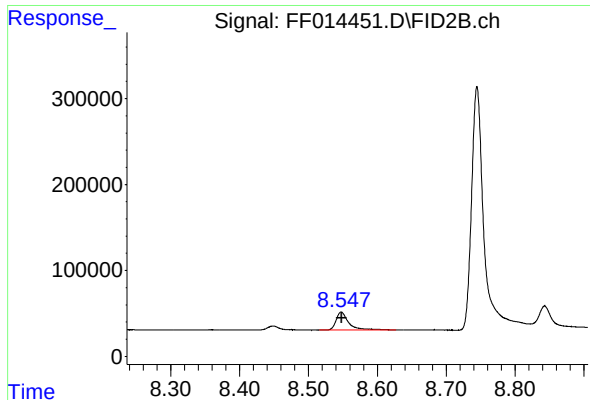
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: 0.004 min
Response: 230500
Conc: 1.73 ug/ml



#4 2-Bromonaphthalene (SURR)

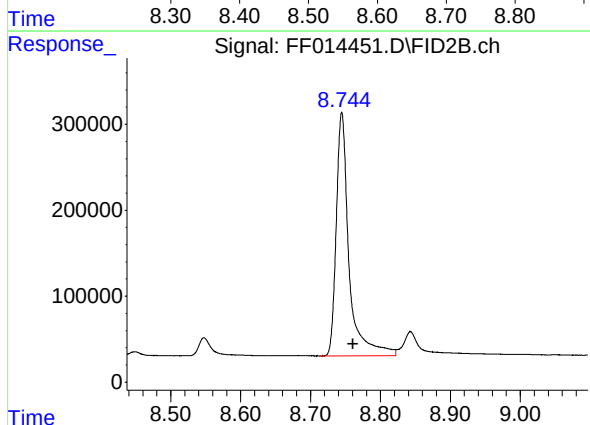
R.T.: 7.875 min
Delta R.T.: -0.007 min
Response: 5868763
Conc: 52.41 ug/ml



#5 Acenaphthylene (C15.06)

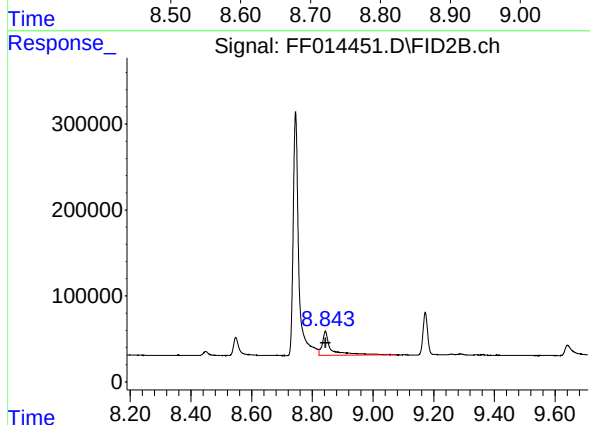
R.T.: 8.548 min
Delta R.T.: 0.000 min
Response: 265844
Conc: 1.98 ug/ml

Instrument :
FID_F
ClientSampleId :



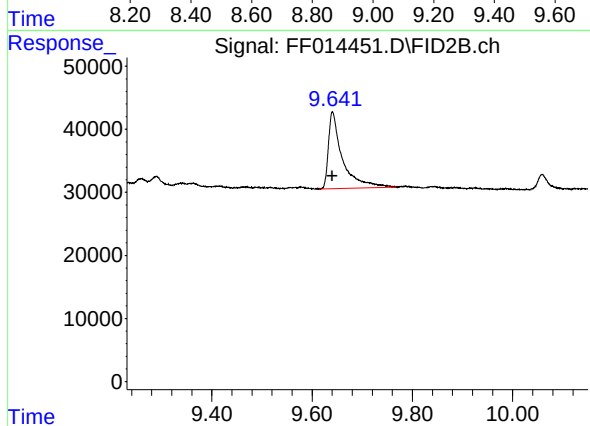
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.745 min
Delta R.T.: -0.016 min
Response: 3601032
Conc: 53.79 ug/ml



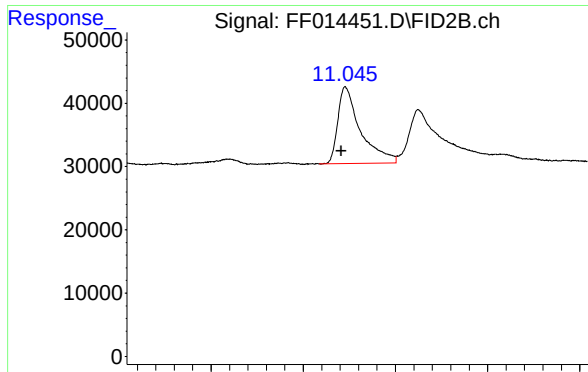
#7 Acenaphthene (C15.5)

R.T.: 8.843 min
Delta R.T.: -0.001 min
Response: 597489
Conc: 4.19 ug/ml



#8 Flouorene (C16.55)

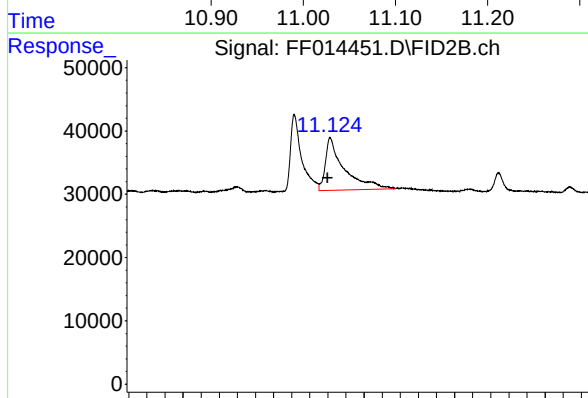
R.T.: 9.641 min
Delta R.T.: 0.001 min
Response: 238090
Conc: 1.84 ug/ml



#9 Phenanthrene (C19.36)

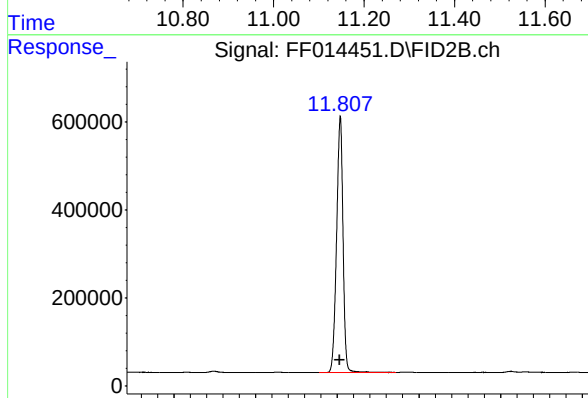
R.T.: 11.046 min
Delta R.T.: 0.005 min
Response: 206683
Conc: 1.62 ug/ml

Instrument :
FID_F
ClientSampleId :



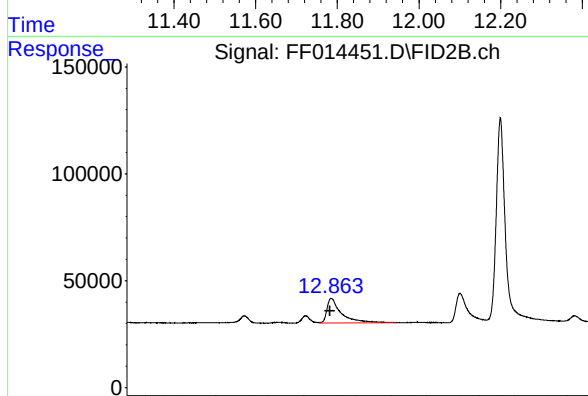
#10 Anthracene (C19.43)

R.T.: 11.125 min
Delta R.T.: 0.005 min
Response: 239632
Conc: 1.80 ug/ml



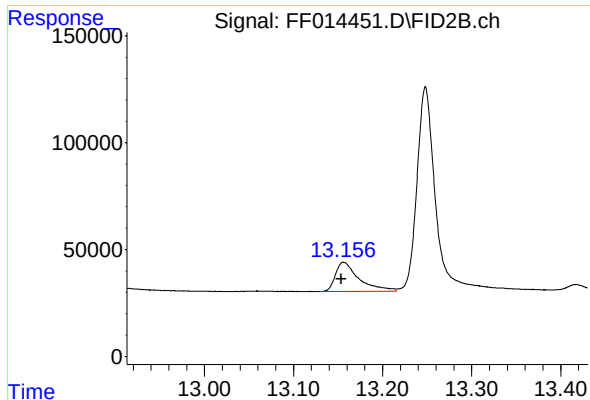
#11 ortho-Terphenyl (SURR)

R.T.: 11.807 min
Delta R.T.: 0.001 min
Response: 6358594
Conc: 44.13 ug/ml



#12 Fluoranthene (C21.85)

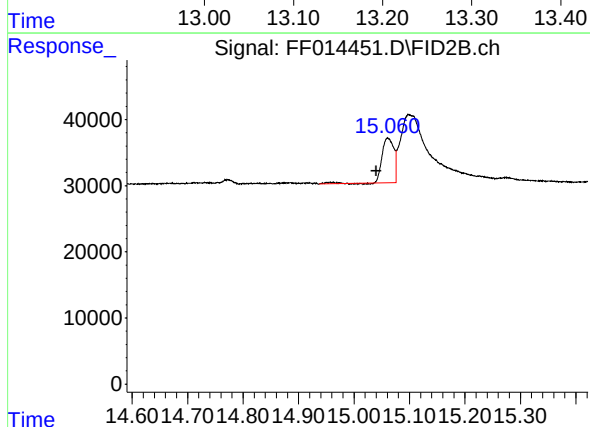
R.T.: 12.864 min
Delta R.T.: 0.004 min
Response: 262844
Conc: 1.91 ug/ml



#13 Pyrene (C20.8)

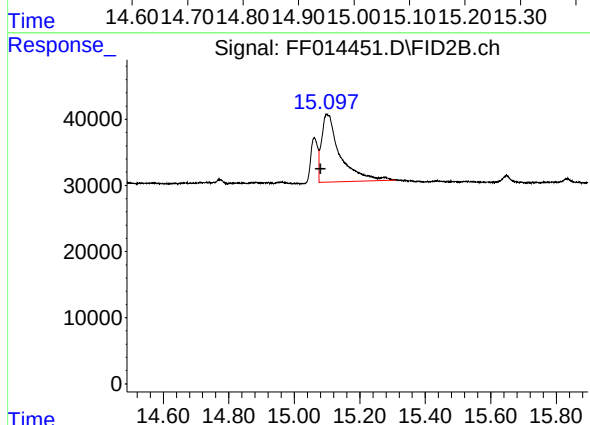
R.T.: 13.157 min
Delta R.T.: 0.003 min
Response: 253299
Conc: 1.83 ug/ml

Instrument :
FID_F
ClientSampleId :



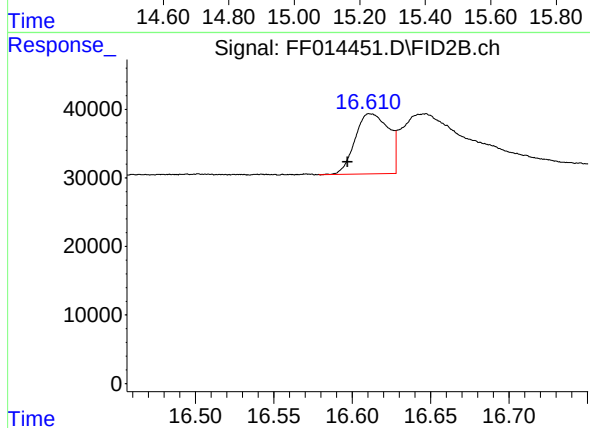
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.061 min
Delta R.T.: 0.021 min
Response: 101393
Conc: 0.90 ug/ml



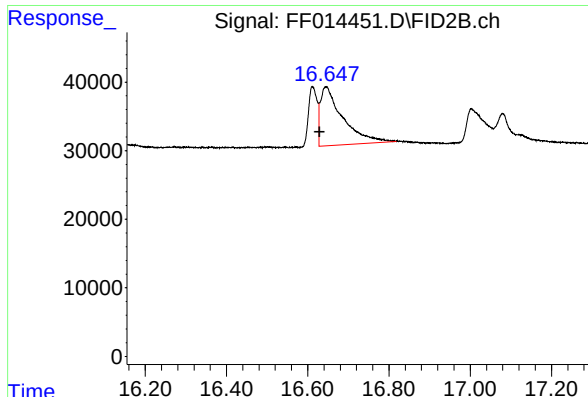
#15 Chrysene (C27.41)

R.T.: 15.100 min
Delta R.T.: 0.019 min
Response: 403124
Conc: 2.58 ug/ml



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

R.T.: 16.612 min
Delta R.T.: 0.015 min
Response: 130403
Conc: 1.11 ug/ml



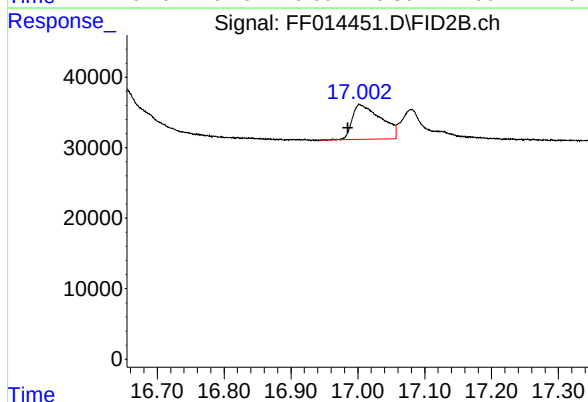
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.645 min
Delta R.T.: 0.016 min
Response: 325989
Conc: 2.25 ug/ml

Instrument :

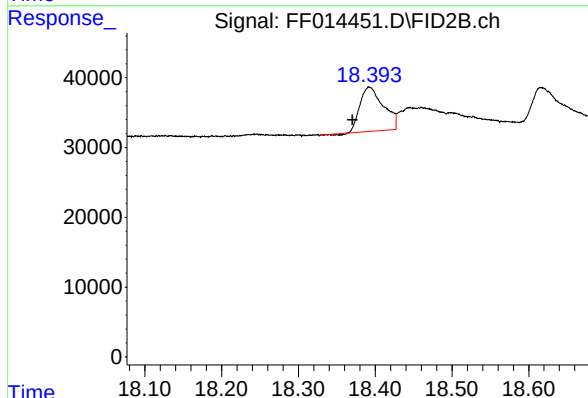
FID_F

ClientSampleId :



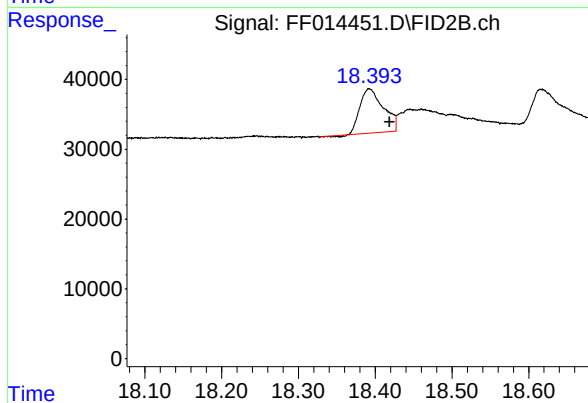
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.004 min
Delta R.T.: 0.019 min
Response: 147648
Conc: 1.17 ug/ml



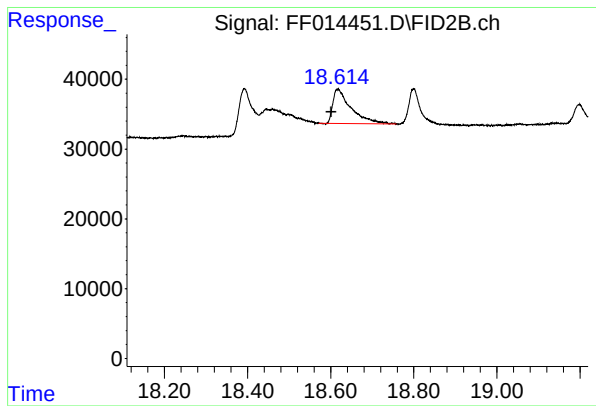
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.393 min
Delta R.T.: 0.022 min
Response: 133928
Conc: 1.60 ug/ml



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

R.T.: 18.393 min
Delta R.T.: -0.027 min
Response: 133928
Conc: 0.97 ug/ml



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

R.T.: 18.617 min
Delta R.T.: 0.015 min
Response: 148145
Conc: 1.21 ug/ml

Instrument :

FID_F

ClientSampleId :