

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111324AR\
 Data File : FF015012.D
 Signal(s) : FID2B.ch
 Acq On : 13 Nov 2024 16:18
 Operator : YP\AJ
 Sample : P4822-11
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 14 02:58:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:49:17 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...	7.986	6492062	48.782 ug/ml
Spiked Amount 50.000		Recovery =	97.56%
6) S 2-Fluorobiphenyl (SURR)	8.861	4317603	48.410 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.82%
11) S ortho-Terphenyl (SURR)	11.923	3689427	25.049 ug/ml
Spiked Amount 50.000		Recovery =	50.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.557f	18800	0.124 ug/ml
3) T 2-Methylnaphthalene (...)	7.361	25839	0.165 ug/ml
5) T Acenaphthylene (C15.06)	8.663	45564	0.300 ug/ml
7) T Acenaphthene (C15.5)	8.938	42979	0.283 ug/ml
8) T Flouorene (C16.55)	9.746	31367	0.211 ug/ml
9) T Phenanthrene (C19.36)	11.151	92548	0.638 ug/ml
10) T Anthracene (C19.43)	11.225	22647	0.165 ug/ml
12) T Fluoranthene (C21.85)	12.973	384939	2.754 ug/ml
13) T Pyrene (C20.8)	13.269	174725	1.268 ug/ml
14) T Benzo[a]anthracene (C...	15.146	166274	1.246 ug/ml
15) T Chrysene (C27.41)	15.187	210331	1.549 ug/ml
16) T benzo[b]fluoranthene ...	16.731	130554	0.950 ug/ml
17) T Bnezo[k]fluoranthene ...	16.731	130554	1.015 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.083	197963	1.460 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.494	466505	3.394 ug/ml
20) T Dibenz[a,h]anthracene...	18.494	466505	3.153 ug/ml
21) T Benzo[g,h,i]perylene ...	18.706	280693	1.918 ug/ml

(f)=RT Delta > 1/2 Window

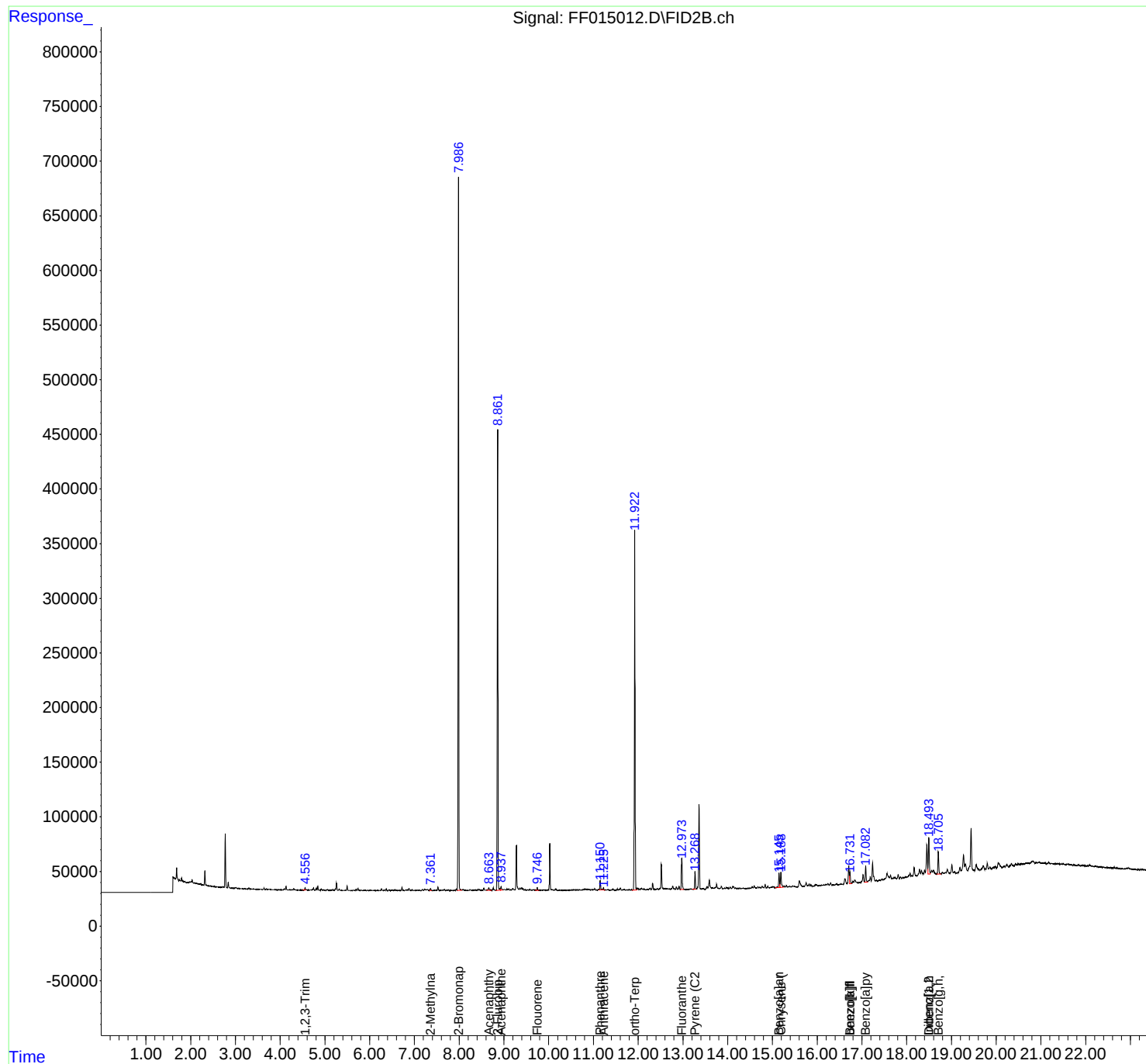
(m)=manual int.

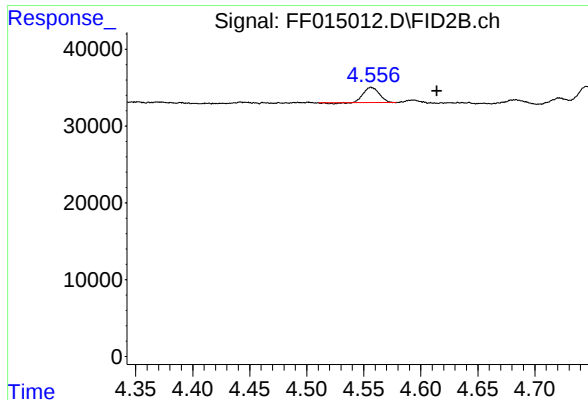
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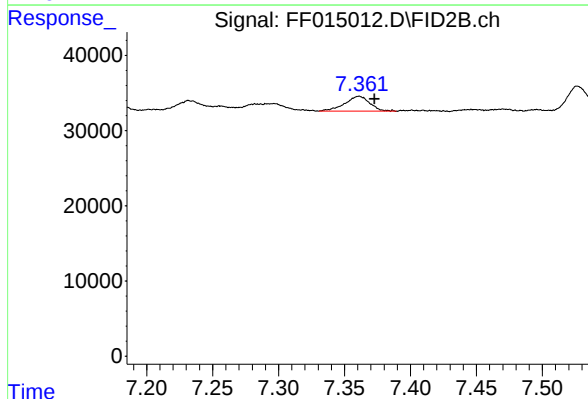




#1 1,2,3-Trimethylbenzene (C10.1)

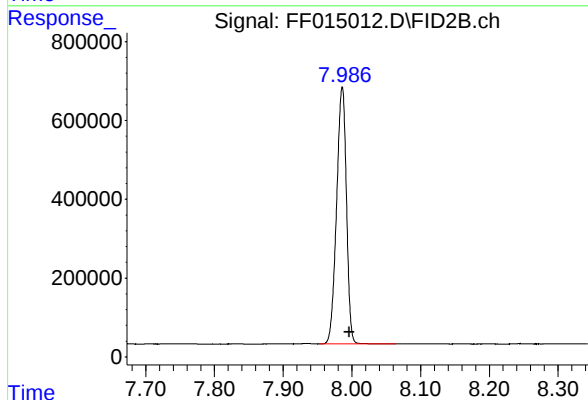
R.T.: 4.557 min
Delta R.T.: -0.057 min
Response: 18800
Conc: 0.12 ug/ml

Instrument :
FID_D
ClientSampleId :



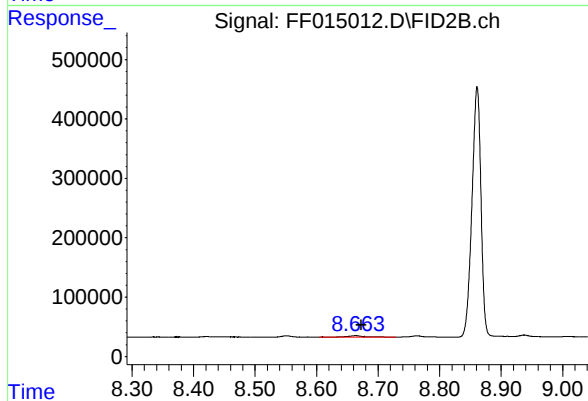
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.361 min
Delta R.T.: -0.012 min
Response: 25839
Conc: 0.16 ug/ml



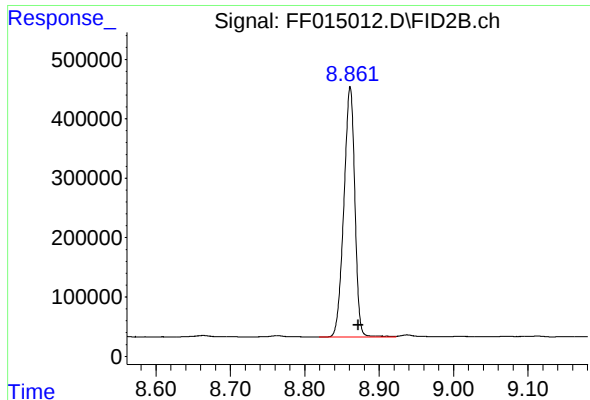
#4 2-Bromonaphthalene (SURR)

R.T.: 7.986 min
Delta R.T.: -0.011 min
Response: 6492062
Conc: 48.78 ug/ml



#5 Acenaphthylene (C15.06)

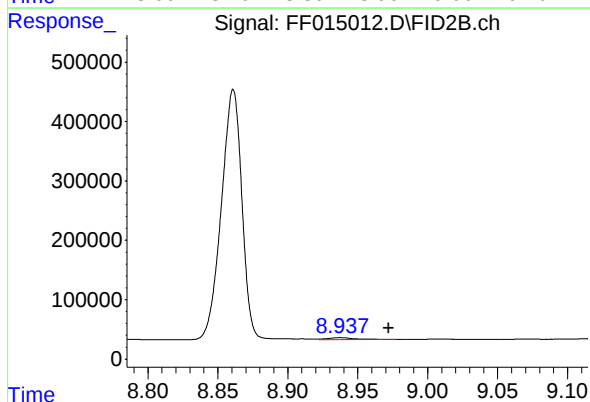
R.T.: 8.663 min
Delta R.T.: -0.010 min
Response: 45564
Conc: 0.30 ug/ml



#6 2-Fluorobiphenyl (SURR)

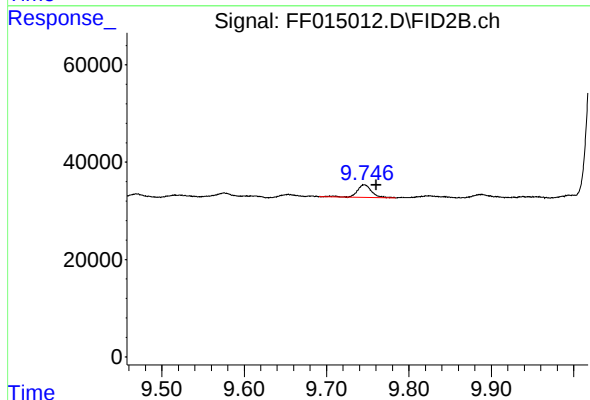
R.T.: 8.861 min
Delta R.T.: -0.011 min
Response: 4317603
Conc: 48.41 ug/ml

Instrument :
FID_D
ClientSampleId :



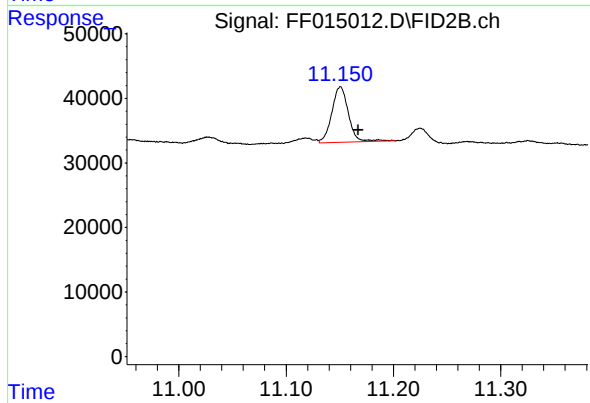
#7 Acenaphthene (C15.5)

R.T.: 8.938 min
Delta R.T.: -0.034 min
Response: 42979
Conc: 0.28 ug/ml



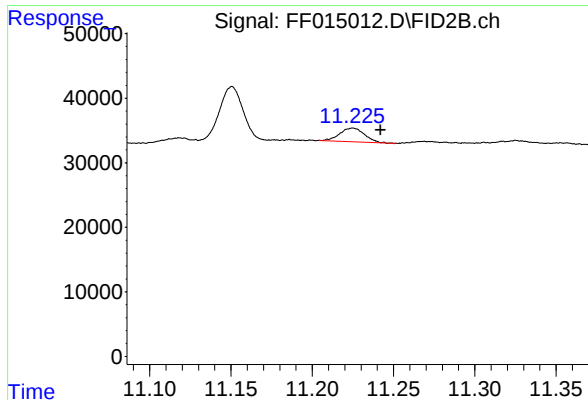
#8 Flouorene (C16.55)

R.T.: 9.746 min
Delta R.T.: -0.015 min
Response: 31367
Conc: 0.21 ug/ml



#9 Phenanthrene (C19.36)

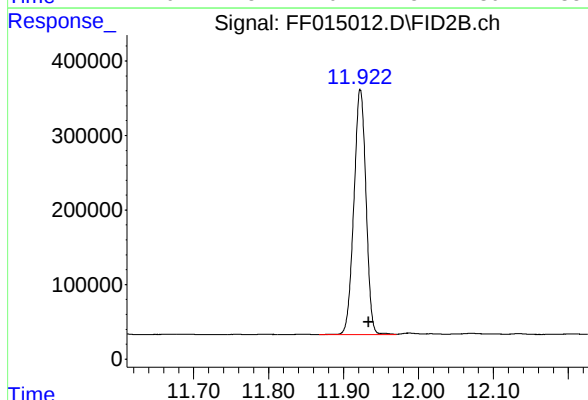
R.T.: 11.151 min
Delta R.T.: -0.017 min
Response: 92548
Conc: 0.64 ug/ml



#10 Anthracene (C19.43)

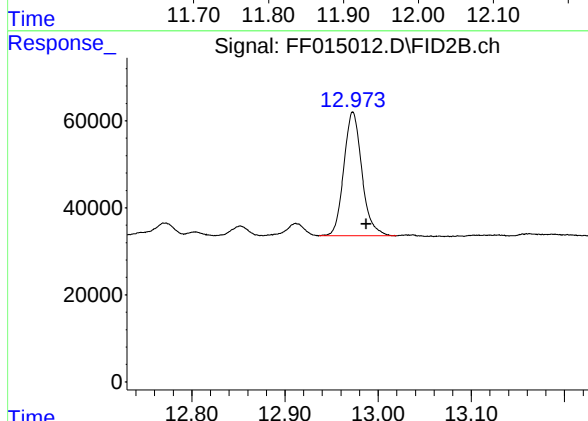
R.T.: 11.225 min
Delta R.T.: -0.017 min
Response: 22647
Conc: 0.17 ug/ml

Instrument :
FID_D
ClientSampleId :



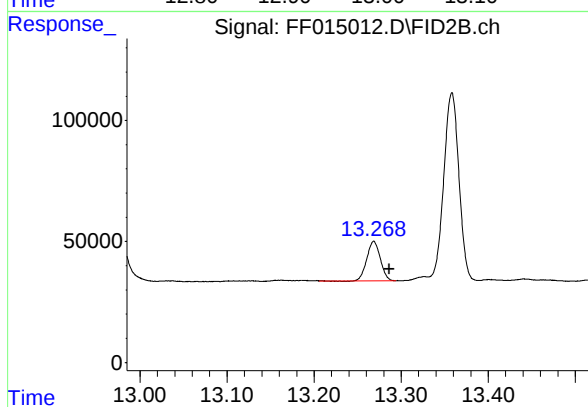
#11 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: -0.011 min
Response: 3689427
Conc: 25.05 ug/ml



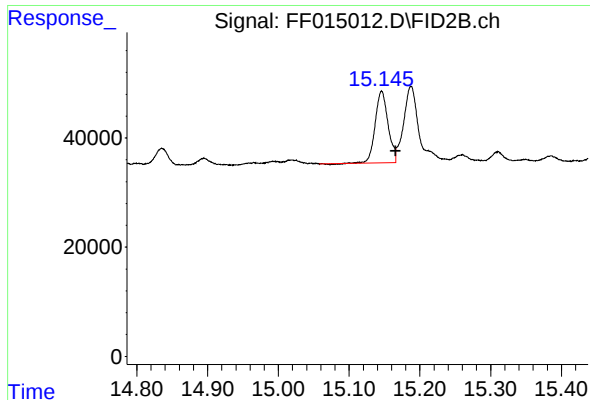
#12 Fluoranthene (C21.85)

R.T.: 12.973 min
Delta R.T.: -0.015 min
Response: 384939
Conc: 2.75 ug/ml



#13 Pyrene (C20.8)

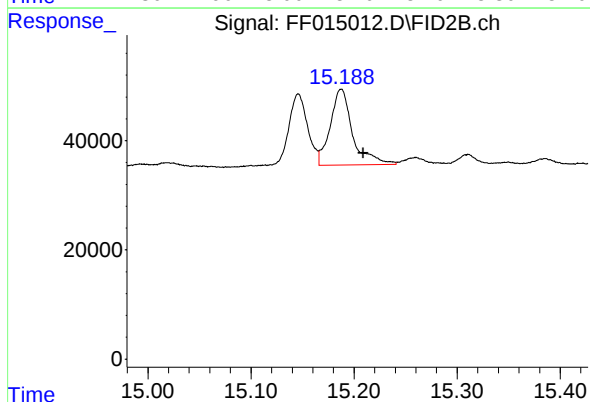
R.T.: 13.269 min
Delta R.T.: -0.018 min
Response: 174725
Conc: 1.27 ug/ml



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

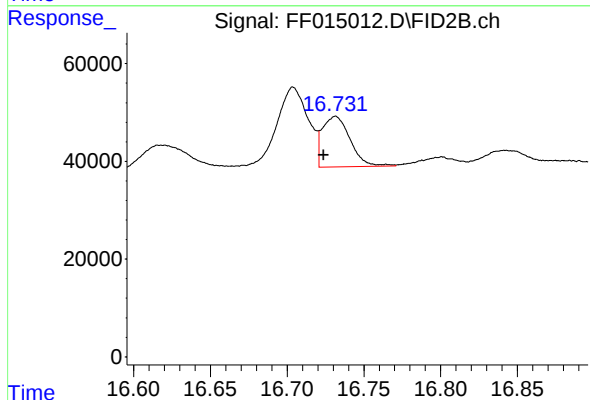
R.T.: 15.146 min
Delta R.T.: -0.019 min
Response: 166274
Conc: 1.25 ug/ml

Instrument :
FID_D
ClientSampleId :



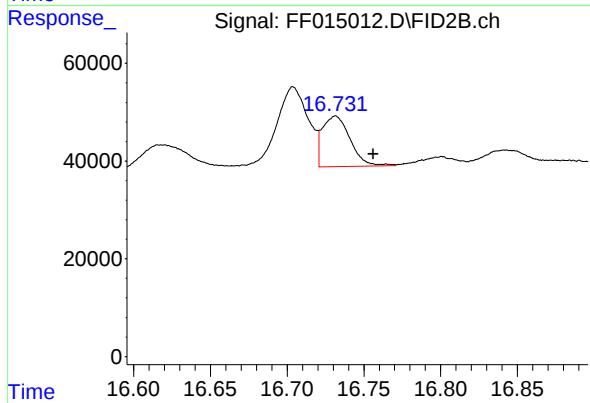
#15 Chrysene (C27.41)

R.T.: 15.187 min
Delta R.T.: -0.021 min
Response: 210331
Conc: 1.55 ug/ml



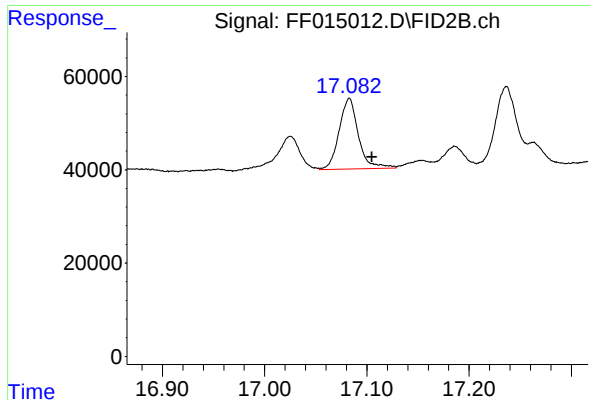
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.731 min
Delta R.T.: 0.007 min
Response: 130554
Conc: 0.95 ug/ml



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

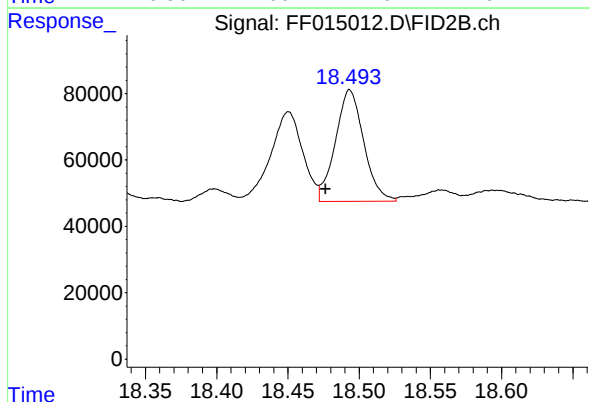
R.T.: 16.731 min
Delta R.T.: -0.025 min
Response: 130554
Conc: 1.01 ug/ml



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

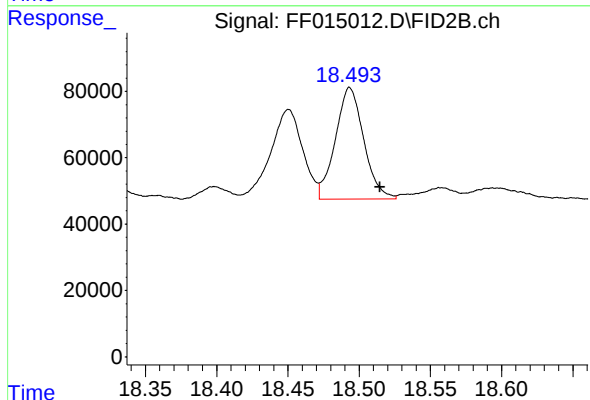
R.T.: 17.083 min
Delta R.T.: -0.022 min
Response: 197963
Conc: 1.46 ug/ml

Instrument :
FID_D
ClientSampleId :



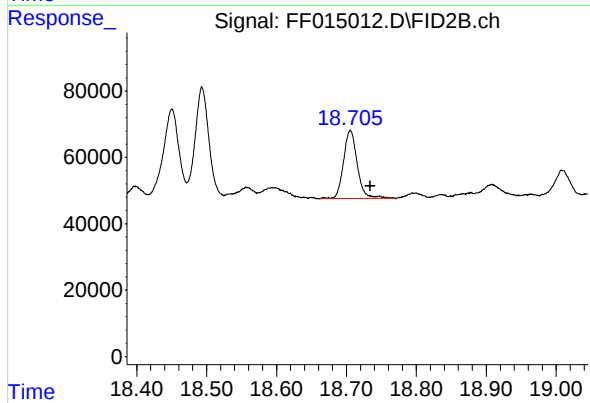
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.494 min
Delta R.T.: 0.017 min
Response: 466505
Conc: 3.39 ug/ml



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

R.T.: 18.494 min
Delta R.T.: -0.021 min
Response: 466505
Conc: 3.15 ug/ml



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

R.T.: 18.706 min
Delta R.T.: -0.028 min
Response: 280693
Conc: 1.92 ug/ml