

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048600.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 12:03
 Operator : YP/AJ
 Sample : P4518-05
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 29 00:22:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.373	8931460	58.845 ug/ml
Spiked Amount 50.000		Recovery =	117.69%
6) S 2-Fluorobiphenyl (SURR)	8.225	6958387	70.865 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	141.73%#
11) S ortho-Terphenyl (SURR)	11.261	12263496	71.994 ug/ml
Spiked Amount 50.000		Recovery =	143.99%
Target Compounds			
2) T Naphthalene (C11.7)	5.714	526669	2.952 ug/ml
3) T 2-Methylnaphthalene (...)	6.759	4318862	24.146 ug/ml
5) T Acenaphthylene (C15.06)	8.008	6930521	39.470 ug/ml
7) T Acenaphthene (C15.5)	8.317	2104458	11.865 ug/ml
8) T Flouorene (C16.55)	9.097	4286378	25.358 ug/ml
9) T Phenanthrene (C19.36)	10.487	5999066	36.291 ug/ml
10) T Anthracene (C19.43)	10.562	2183170	13.652 ug/ml
12) T Fluoranthene (C21.85)	12.290	4650825	28.259 ug/ml
13) T Pyrene (C20.8)	12.583	2115478	13.133 ug/ml
14) T Benzo[a]anthracene (C...	14.452	555580	3.800 ug/ml
15) T Chrysene (C27.41)	14.490	394147	2.396 ug/ml
16) T benzo[b]fluoranthene ...	16.000	169252	1.113 ug/ml
17) T Bnezo[k]fluoranthene ...	16.000	169252	1.126 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.379	96382	0.640 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	126125	0.967 ug/ml
20) T Dibenz[a,h]anthracene...	17.745	126125	0.775 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	116269	0.759 ug/ml

(f)=RT Delta > 1/2 Window

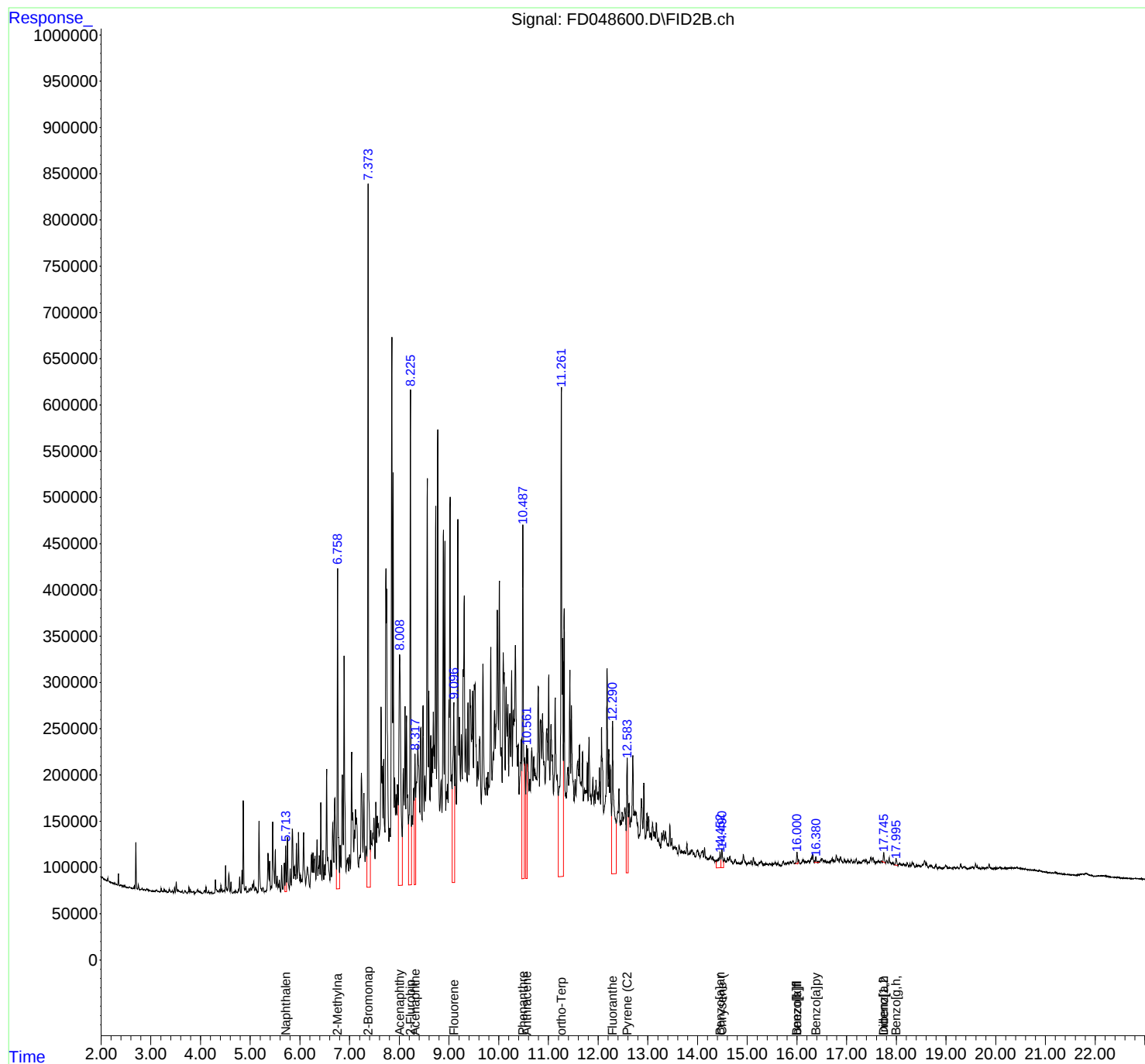
(m)=manual int.

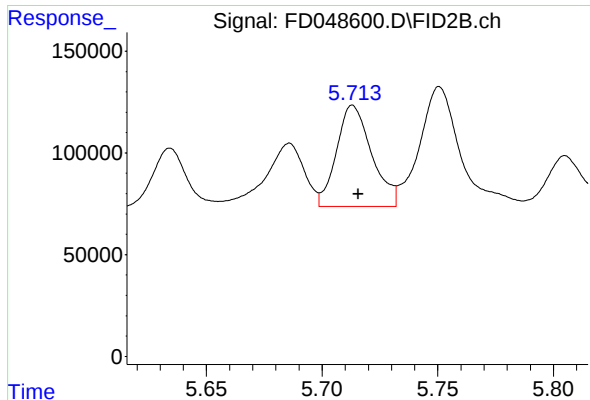
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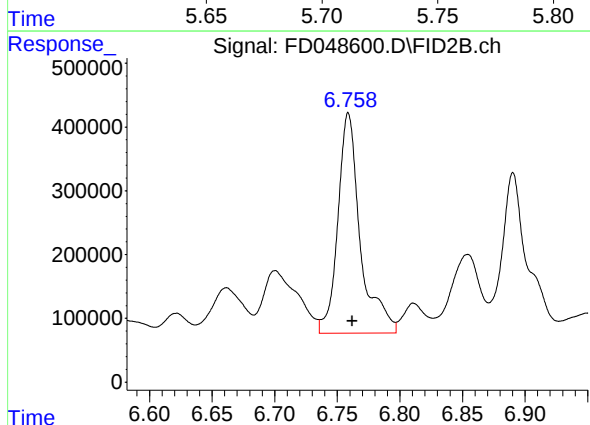




#2 Naphthalene (C11.7)

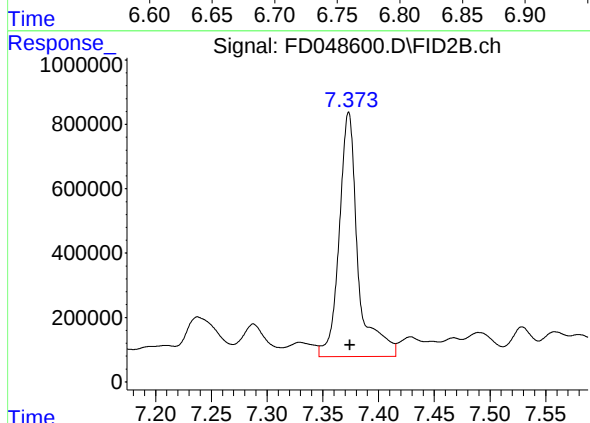
R.T.: 5.714 min
Delta R.T.: -0.002 min
Response: 526669
Conc: 2.95 ug/ml

Instrument :
FID_D
ClientSampleId :



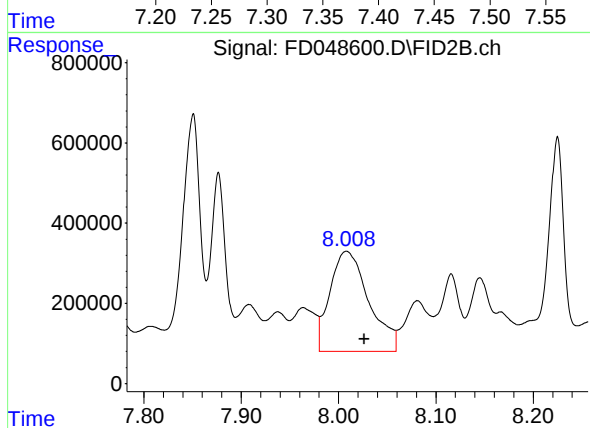
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 4318862
Conc: 24.15 ug/ml



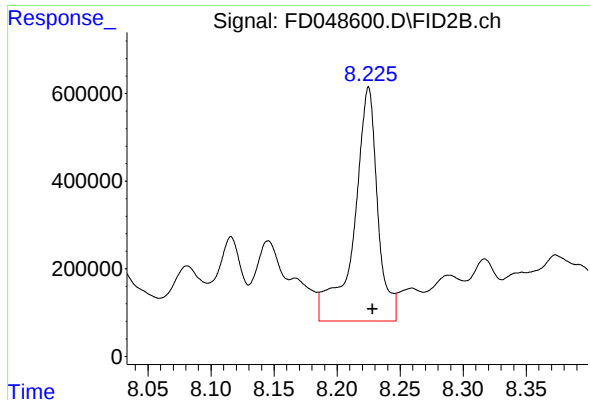
#4 2-Bromonaphthalene (SURR)

R.T.: 7.373 min
Delta R.T.: -0.001 min
Response: 8931460
Conc: 58.85 ug/ml



#5 Acenaphthylene (C15.06)

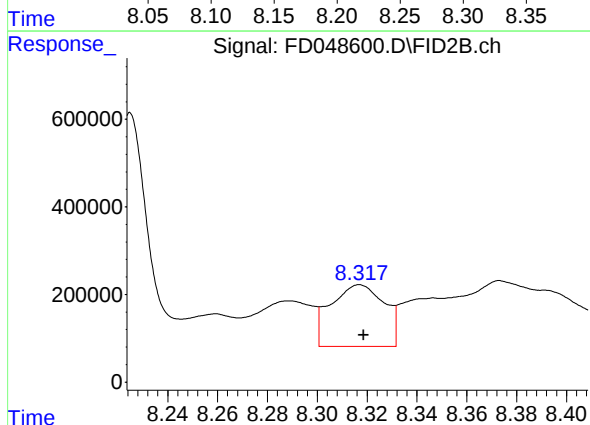
R.T.: 8.008 min
Delta R.T.: -0.018 min
Response: 6930521
Conc: 39.47 ug/ml



#6 2-Fluorobiphenyl (SURR)

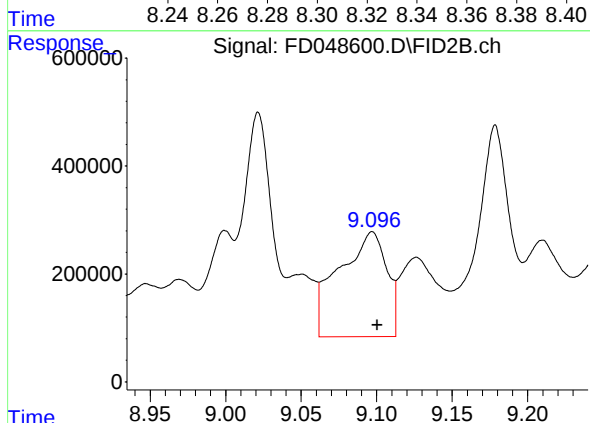
R.T.: 8.225 min
Delta R.T.: -0.004 min
Response: 6958387
Conc: 70.87 ug/ml

Instrument :
FID_D
ClientSampleId :



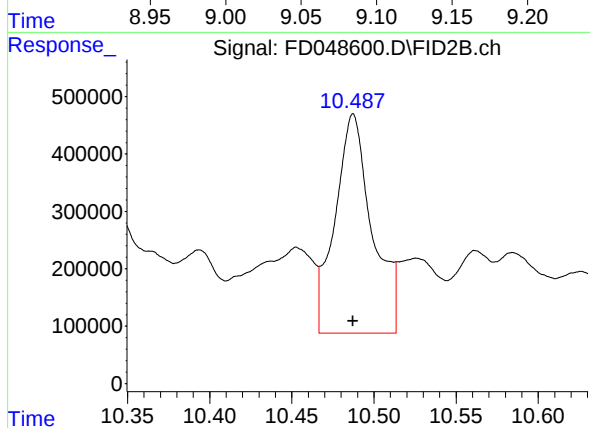
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 2104458
Conc: 11.87 ug/ml



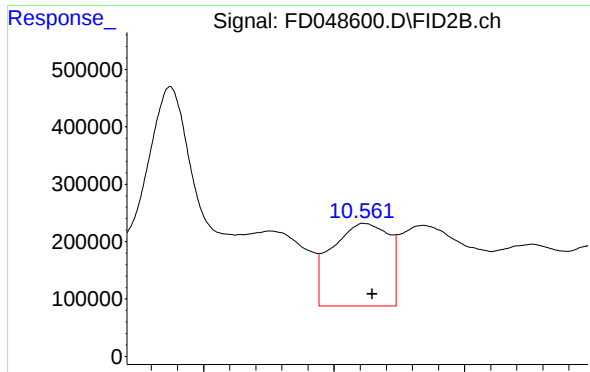
#8 Flouorene (C16.55)

R.T.: 9.097 min
Delta R.T.: -0.004 min
Response: 4286378
Conc: 25.36 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.487 min
Delta R.T.: 0.000 min
Response: 5999066
Conc: 36.29 ug/ml



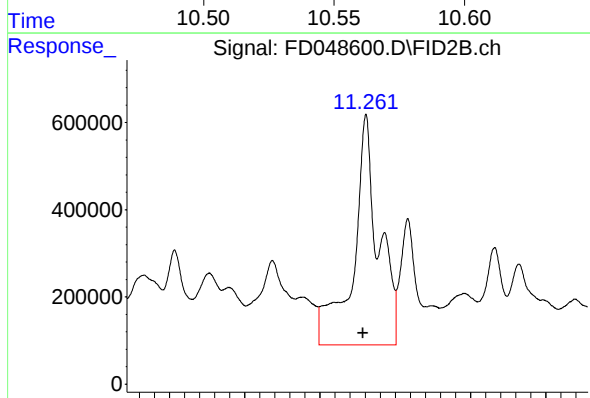
#10 Anthracene (C19.43)

R.T.: 10.562 min
Delta R.T.: -0.002 min
Response: 2183170
Conc: 13.65 ug/ml

Instrument :

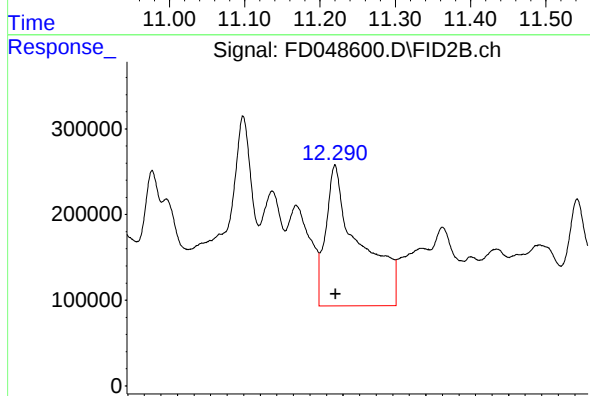
FID_D

ClientSampleId :



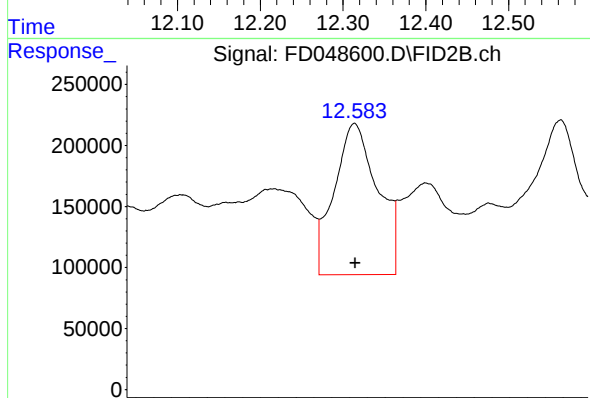
#11 ortho-Terphenyl (SURR)

R.T.: 11.261 min
Delta R.T.: 0.004 min
Response: 12263496
Conc: 71.99 ug/ml



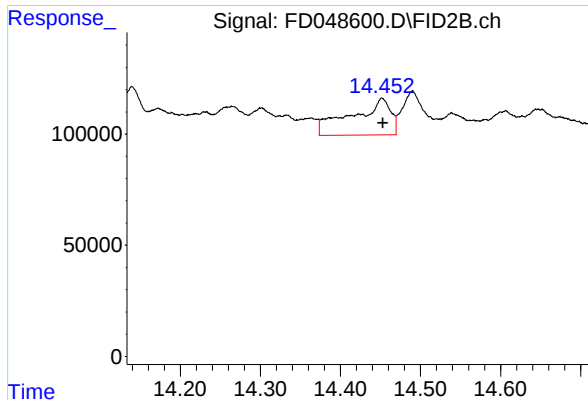
#12 Fluoranthene (C21.85)

R.T.: 12.290 min
Delta R.T.: 0.000 min
Response: 4650825
Conc: 28.26 ug/ml



#13 Pyrene (C20.8)

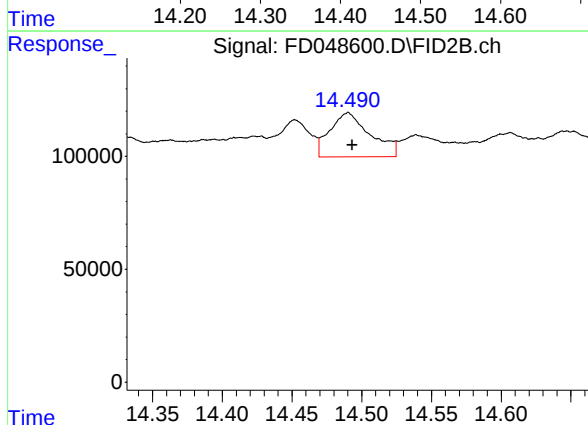
R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 2115478
Conc: 13.13 ug/ml



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

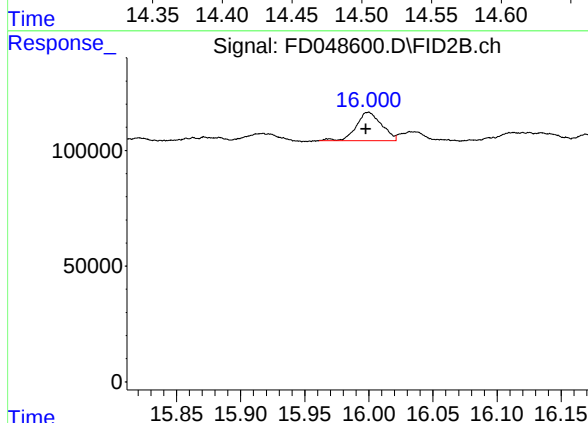
R.T.: 14.452 min
Delta R.T.: -0.001 min
Response: 555580
Conc: 3.80 ug/ml

Instrument :
FID_D
ClientSampleId :



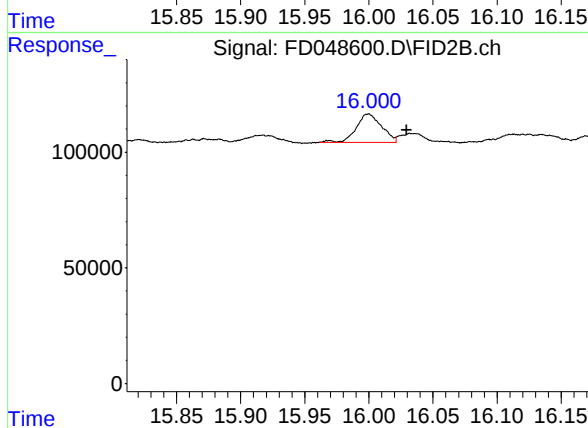
#15 Chrysene (C27.41)

R.T.: 14.490 min
Delta R.T.: -0.003 min
Response: 394147
Conc: 2.40 ug/ml



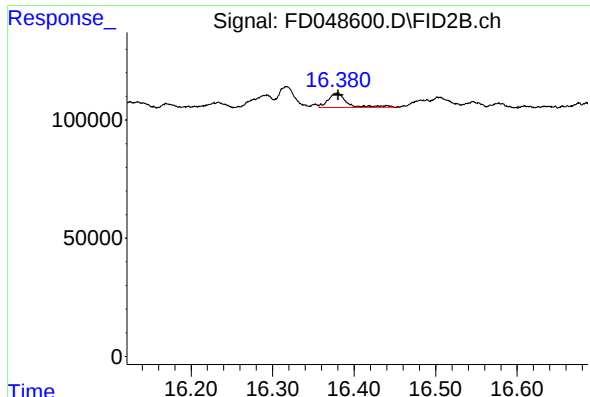
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.000 min
Delta R.T.: 0.002 min
Response: 169252
Conc: 1.11 ug/ml



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

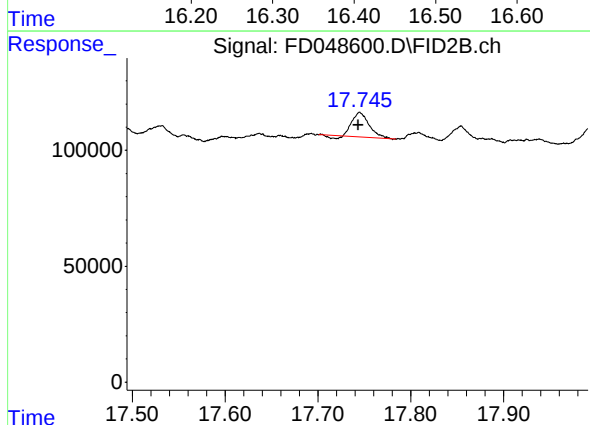
R.T.: 16.000 min
Delta R.T.: -0.030 min
Response: 169252
Conc: 1.13 ug/ml



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

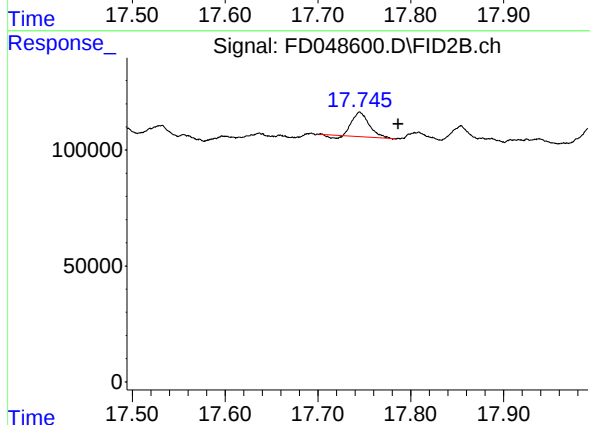
R.T.: 16.379 min
Delta R.T.: -0.002 min
Response: 96382
Conc: 0.64 ug/ml

Instrument :
FID_D
ClientSampleId :



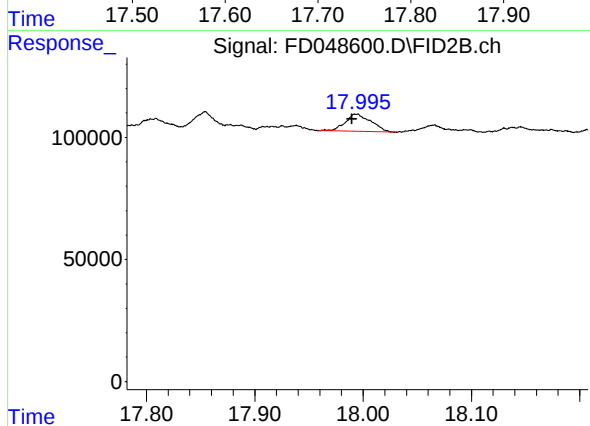
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: 0.001 min
Response: 126125
Conc: 0.97 ug/ml



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

R.T.: 17.745 min
Delta R.T.: -0.041 min
Response: 126125
Conc: 0.78 ug/ml



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

R.T.: 17.994 min
Delta R.T.: 0.004 min
Response: 116269
Conc: 0.76 ug/ml