

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120624AR\
 Data File : FD048839.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2024 18:02
 Operator : YP/AJ
 Sample : P5147-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 03:10:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.367	11098769	63.040 ug/ml
Spiked Amount 50.000		Recovery =	126.08%
6) S 2-Fluorobiphenyl (SURR)	8.217	5410994	46.983 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.97%
11) S ortho-Terphenyl (SURR)	11.252	8566862	44.541 ug/ml
Spiked Amount 50.000		Recovery =	89.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.213	148679	0.789 ug/ml
2) T Naphthalene (C11.7)	5.703	408785	2.090 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	3969065	20.769 ug/ml
5) T Acenaphthylene (C15.06)	8.009	698430	3.602 ug/ml
7) T Acenaphthene (C15.5)	8.306	907036	4.716 ug/ml
8) T Flouorene (C16.55)	9.089	736341	3.838 ug/ml
9) T Phenanthrene (C19.36)	10.479	1884187	10.279 ug/ml
10) T Anthracene (C19.43)	10.555	1213253	6.479 ug/ml
12) T Fluoranthene (C21.85)	12.285	1020657	5.574 ug/ml
13) T Pyrene (C20.8)	12.578	791233	4.376 ug/ml
14) T Benzo[a]anthracene (C...	14.494	94752	0.576 ug/ml
15) T Chrysene (C27.41)	14.494	94752	0.541 ug/ml
16) T benzo[b]fluoranthene ...	16.005	133327	0.849 ug/ml
17) T Bnezo[k]fluoranthene ...	16.005	133327	0.817 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.755	111810	0.905 ug/ml
20) T Dibenz[a,h]anthracene...	17.755	111810	0.713 ug/ml

(f)=RT Delta > 1/2 Window

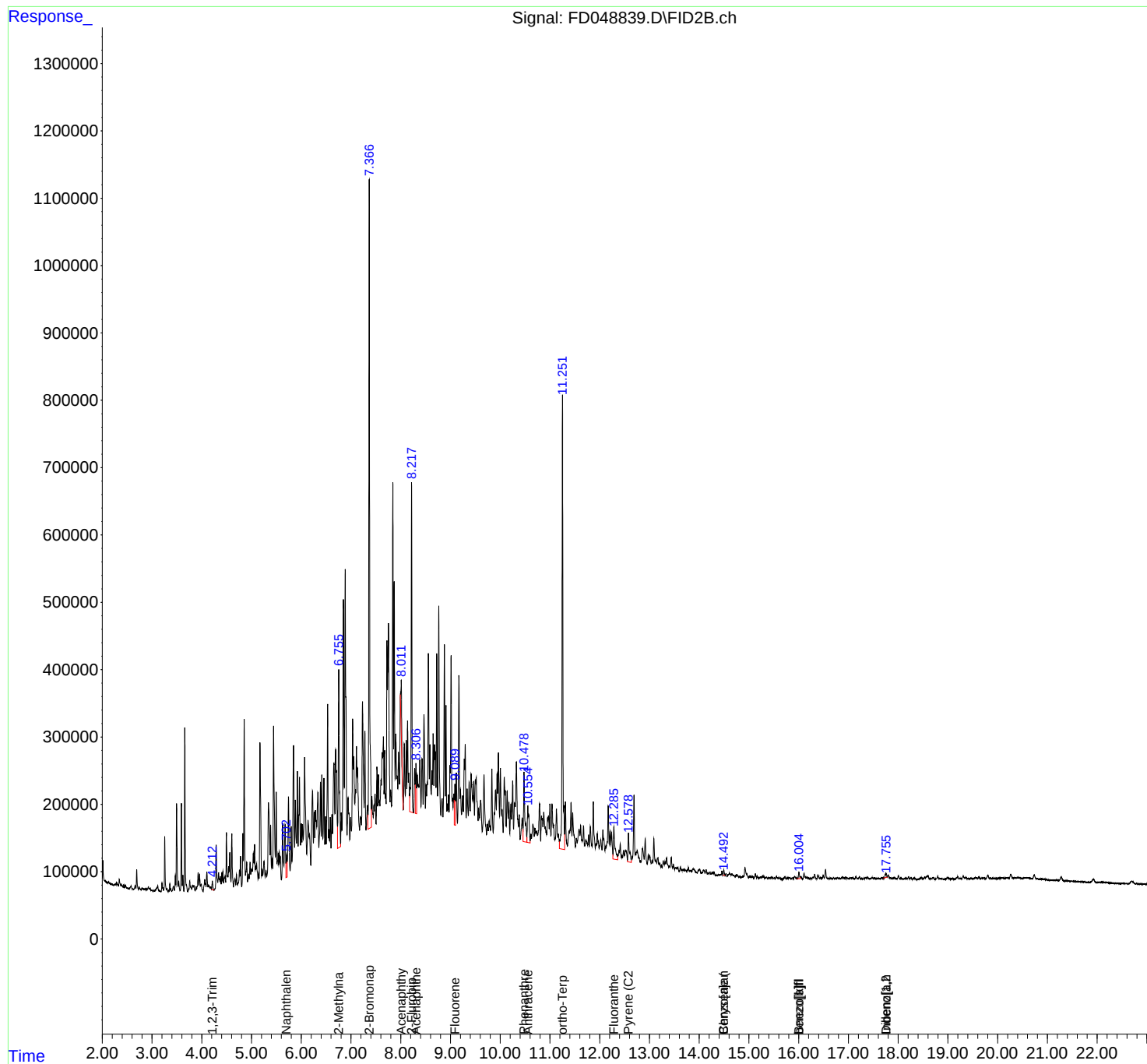
(m)=manual int.

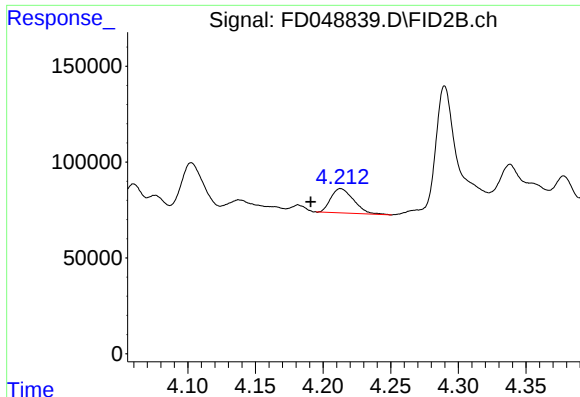
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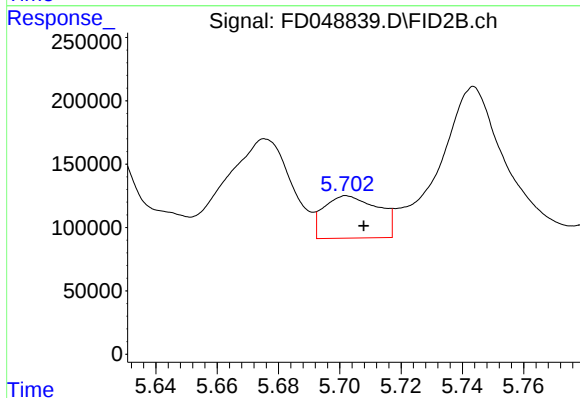




#1 1,2,3-Trimethylbenzene (C10.1)

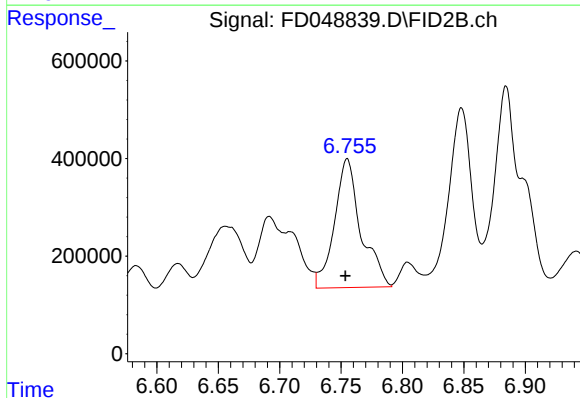
R.T.: 4.213 min
Delta R.T.: 0.022 min
Response: 148679
Conc: 0.79 ug/ml

Instrument :
FID_D
ClientSampleId :



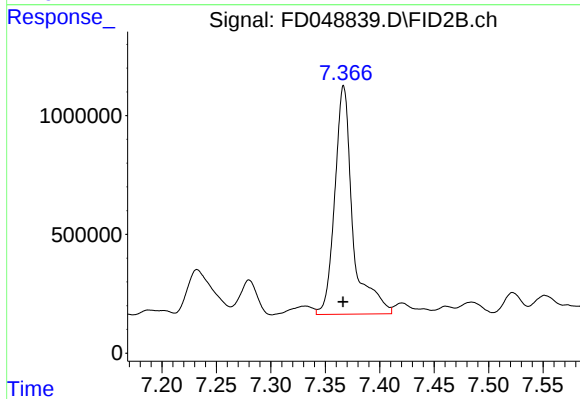
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 408785
Conc: 2.09 ug/ml



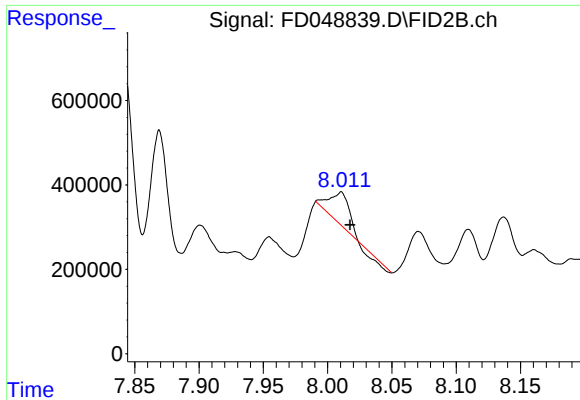
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: 0.001 min
Response: 3969065
Conc: 20.77 ug/ml



#4 2-Bromonaphthalene (SURR)

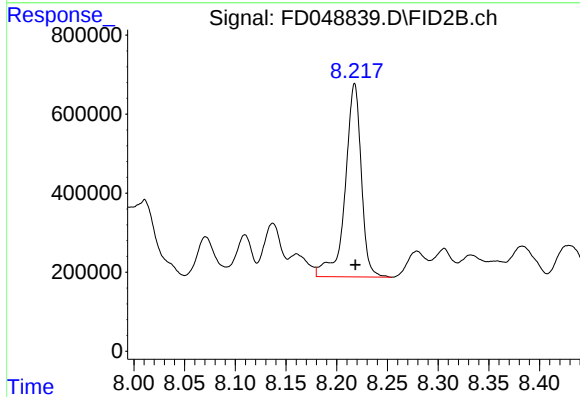
R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 11098769
Conc: 63.04 ug/ml



#5 Acenaphthylene (C15.06)

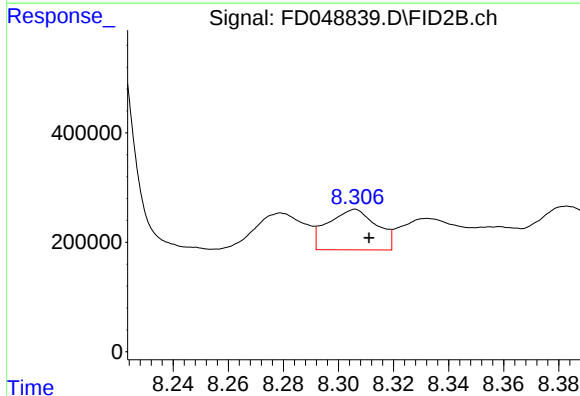
R.T.: 8.009 min
Delta R.T.: -0.008 min
Response: 698430
Conc: 3.60 ug/ml

Instrument :
FID_D
ClientSampleId :



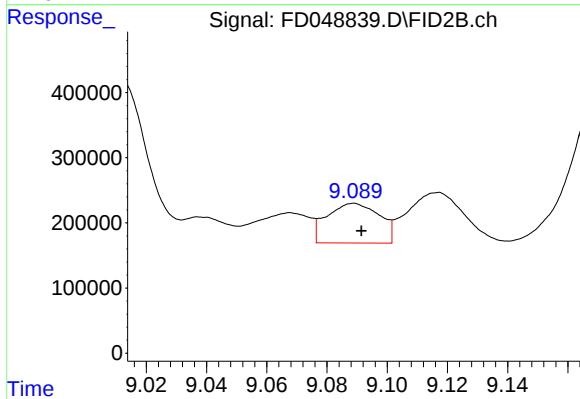
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.217 min
Delta R.T.: 0.000 min
Response: 5410994
Conc: 46.98 ug/ml



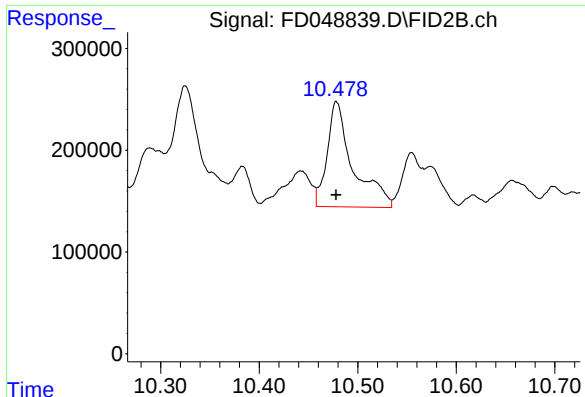
#7 Acenaphthene (C15.5)

R.T.: 8.306 min
Delta R.T.: -0.006 min
Response: 907036
Conc: 4.72 ug/ml



#8 Fluorene (C16.55)

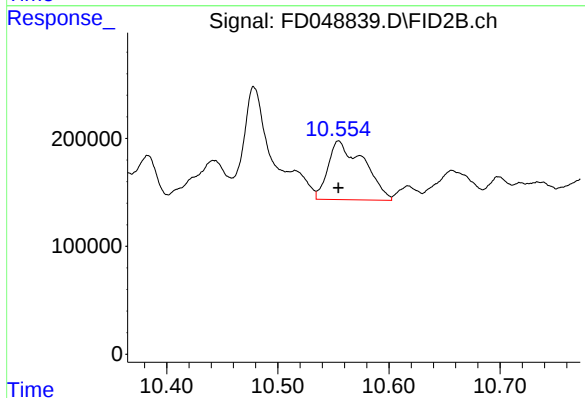
R.T.: 9.089 min
Delta R.T.: -0.002 min
Response: 736341
Conc: 3.84 ug/ml



#9 Phenanthrene (C19.36)

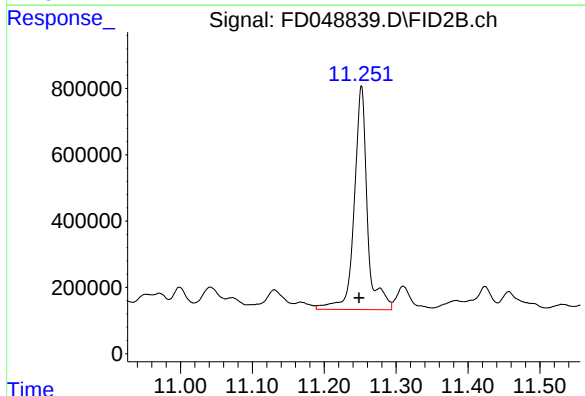
R.T.: 10.479 min
Delta R.T.: 0.000 min
Response: 1884187
Conc: 10.28 ug/ml

Instrument :
FID_D
ClientSampleId :



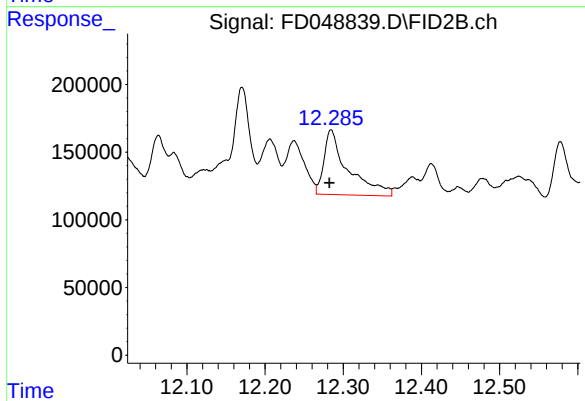
#10 Anthracene (C19.43)

R.T.: 10.555 min
Delta R.T.: 0.000 min
Response: 1213253
Conc: 6.48 ug/ml



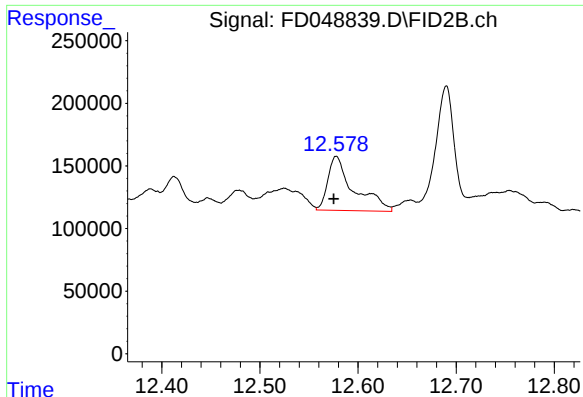
#11 ortho-Terphenyl (SURR)

R.T.: 11.252 min
Delta R.T.: 0.003 min
Response: 8566862
Conc: 44.54 ug/ml



#12 Fluoranthene (C21.85)

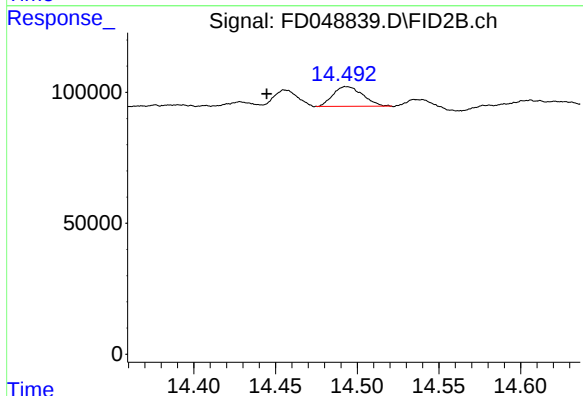
R.T.: 12.285 min
Delta R.T.: 0.002 min
Response: 1020657
Conc: 5.57 ug/ml



#13 Pyrene (C20.8)

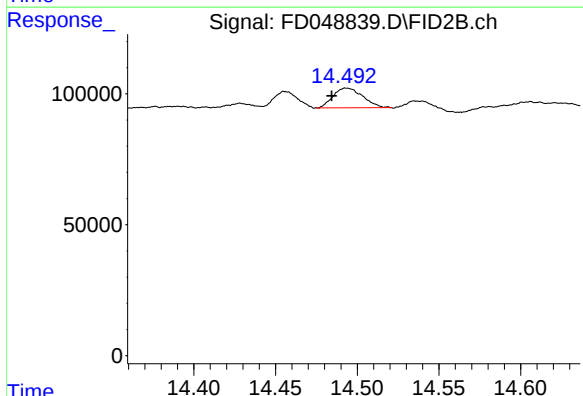
R.T.: 12.578 min
Delta R.T.: 0.003 min
Response: 791233
Conc: 4.38 ug/ml

Instrument :
FID_D
ClientSampleId :



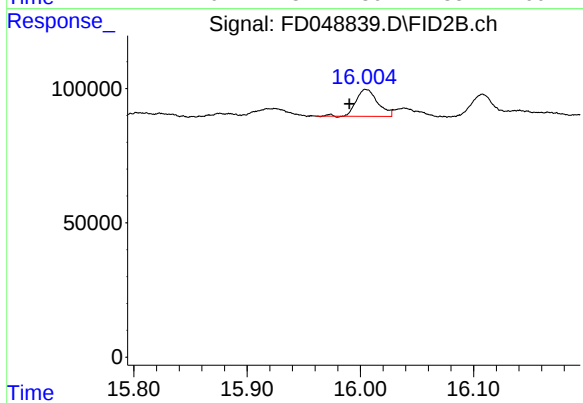
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.494 min
Delta R.T.: 0.049 min
Response: 94752
Conc: 0.58 ug/ml



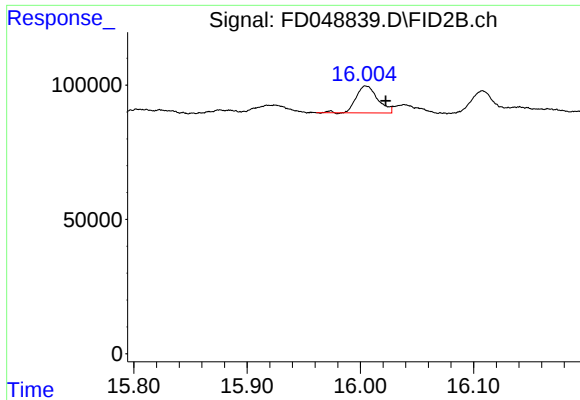
#15 Chrysene (C27.41)

R.T.: 14.494 min
Delta R.T.: 0.009 min
Response: 94752
Conc: 0.54 ug/ml



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

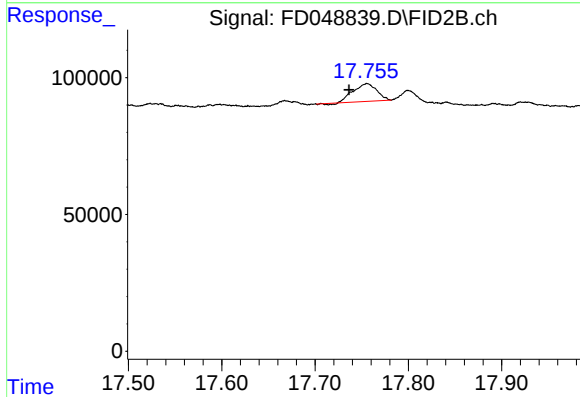
R.T.: 16.005 min
Delta R.T.: 0.015 min
Response: 133327
Conc: 0.85 ug/ml



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

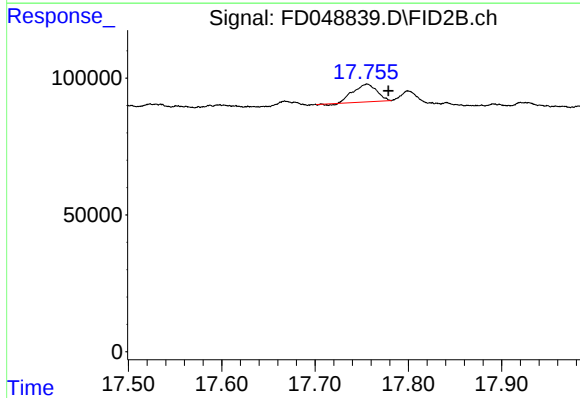
R.T.: 16.005 min
Delta R.T.: -0.017 min
Response: 133327
Conc: 0.82 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.755 min
Delta R.T.: 0.019 min
Response: 111810
Conc: 0.91 ug/ml



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

R.T.: 17.755 min
Delta R.T.: -0.023 min
Response: 111810
Conc: 0.71 ug/ml