

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120924AR\
 Data File : FD048857.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2024 18:07
 Operator : YP/AJ
 Sample : P5145-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 10 06:18:21 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...	7.365	9712682	55.167 ug/ml
Spiked Amount 50.000		Recovery =	110.33%
6) S 2-Fluorobiphenyl (SURR)	8.213	4914623	42.673 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.35%
11) S ortho-Terphenyl (SURR)	11.251	9276195	48.229 ug/ml
Spiked Amount 50.000		Recovery =	96.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	1450	0.008 ug/ml
2) T Naphthalene (C11.7)	5.703	5940	0.030 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	48529	0.254 ug/ml
5) T Acenaphthylene (C15.06)	7.999	38748	0.200 ug/ml
7) T Acenaphthene (C15.5)	8.271	286822	1.491 ug/ml
8) T Flouorene (C16.55)	9.104	278184	1.450 ug/ml
9) T Phenanthrene (C19.36)	10.468	807287	4.404 ug/ml
10) T Anthracene (C19.43)	10.547	437626	2.337 ug/ml
12) T Fluoranthene (C21.85)	12.289	449635	2.455 ug/ml
13) T Pyrene (C20.8)	12.576	605495	3.349 ug/ml
14) T Benzo[a]anthracene (C...	14.443	59281	0.360 ug/ml
15) T Chrysene (C27.41)	14.499	130753	0.747 ug/ml
16) T benzo[b]fluoranthene ...	15.991	10498	0.067 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	8419	0.052 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.377	4458	0.030 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.701	22026	0.178 ug/ml
20) T Dibenz[a,h]anthracene...	17.802	37448	0.239 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	2046	0.014 ug/ml

(f)=RT Delta > 1/2 Window

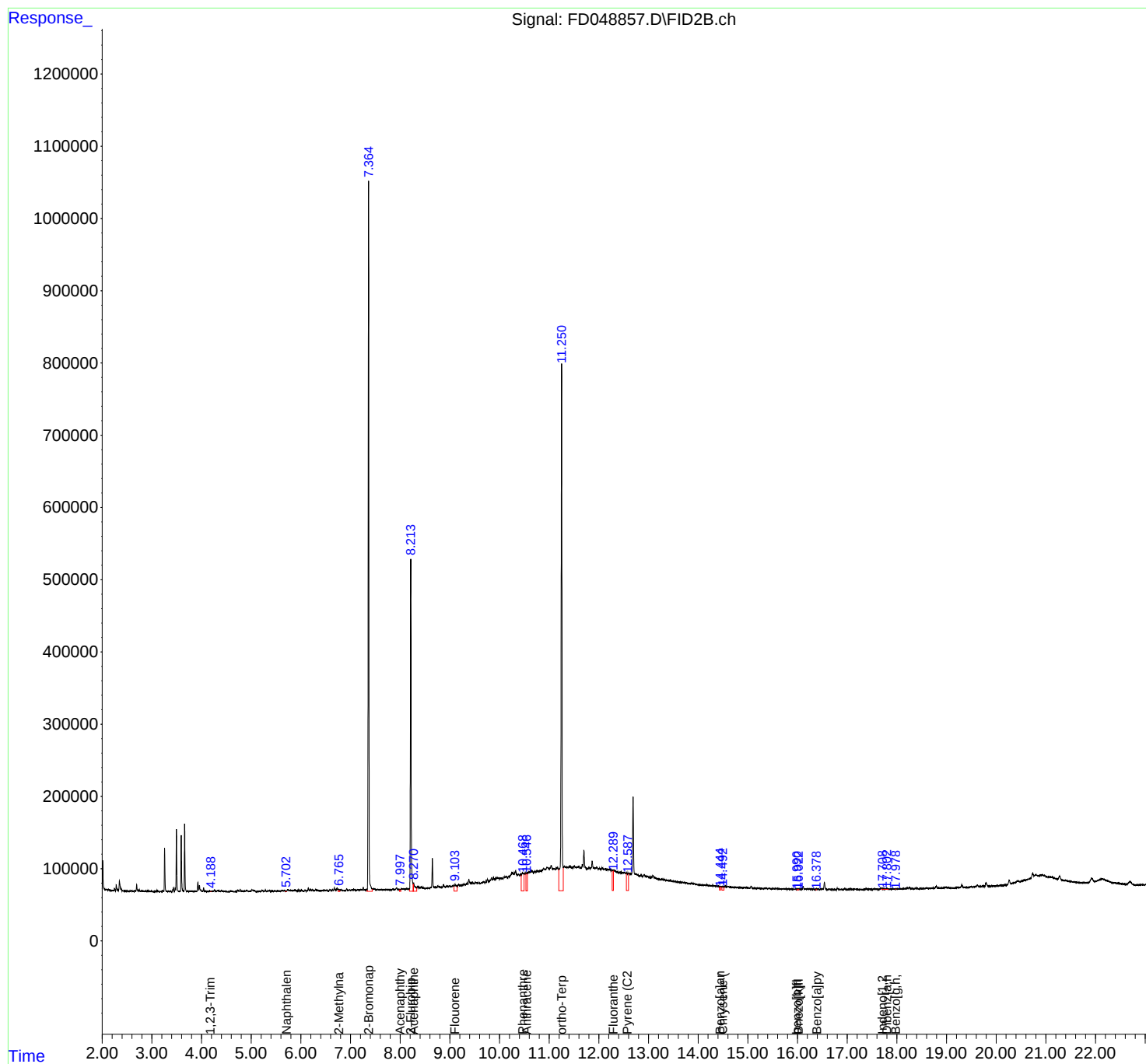
(m)=manual int.

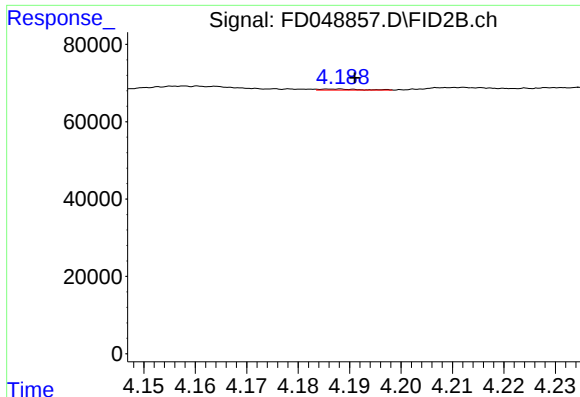
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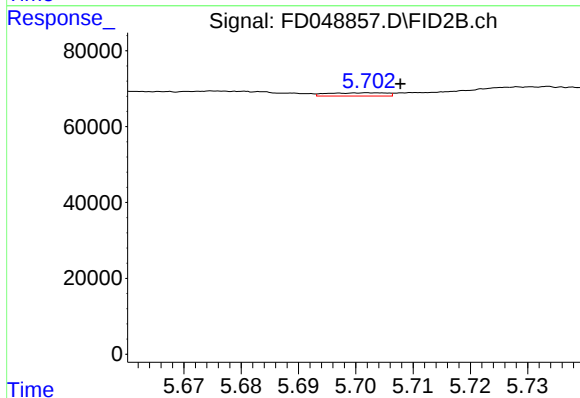




#1 1,2,3-Trimethylbenzene (C10.1)

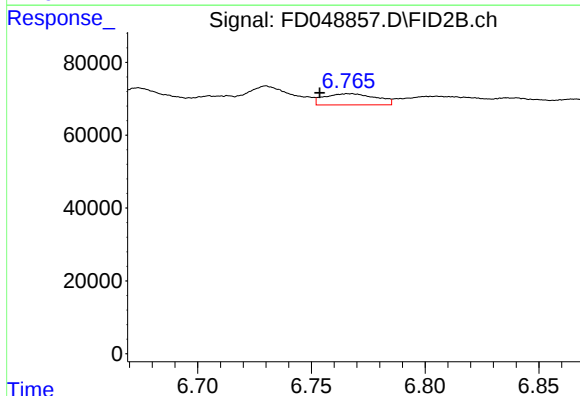
R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 1450
Conc: 0.01 ug/ml

Instrument :
FID_D
ClientSampleId :



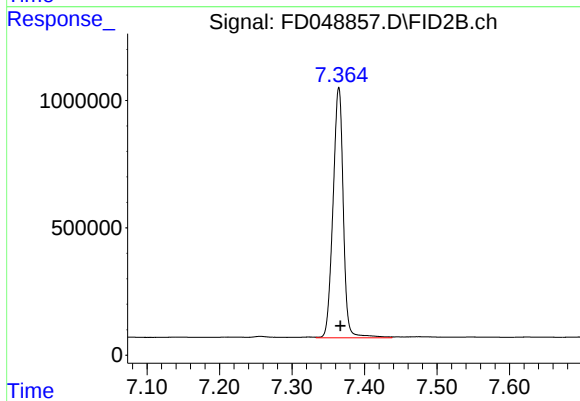
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 5940
Conc: 0.03 ug/ml



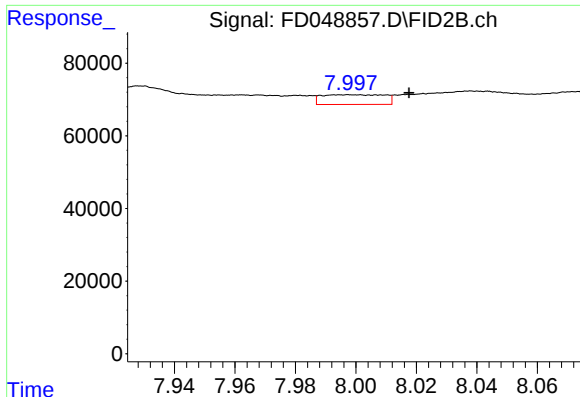
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: 0.013 min
Response: 48529
Conc: 0.25 ug/ml



#4 2-Bromonaphthalene (SURR)

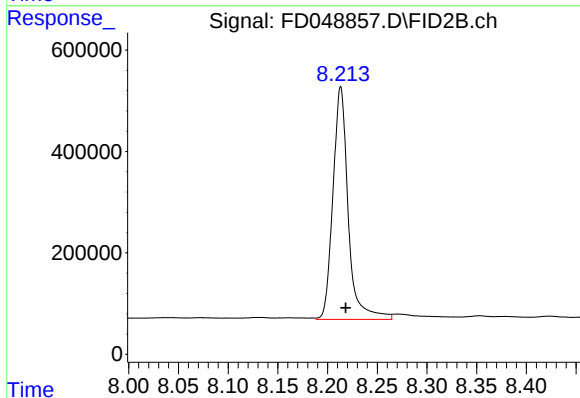
R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 9712682
Conc: 55.17 ug/ml



#5 Acenaphthylene (C15.06)

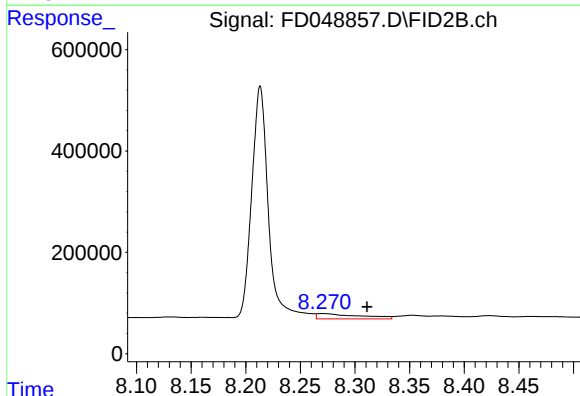
R.T.: 7.999 min
Delta R.T.: -0.018 min
Response: 38748
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



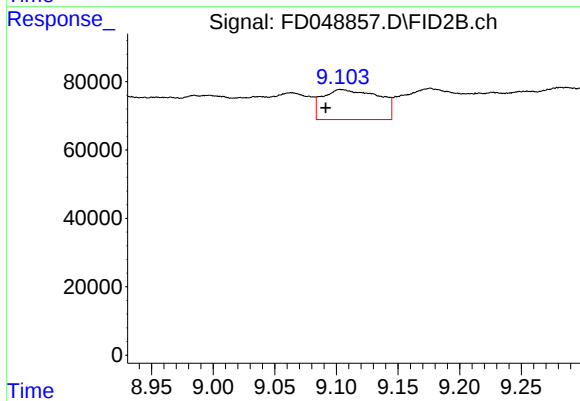
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.213 min
Delta R.T.: -0.005 min
Response: 4914623
Conc: 42.67 ug/ml



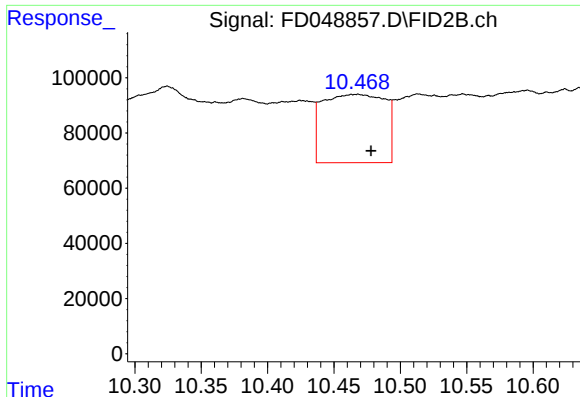
#7 Acenaphthene (C15.5)

R.T.: 8.271 min
Delta R.T.: -0.040 min
Response: 286822
Conc: 1.49 ug/ml



#8 Fluorene (C16.55)

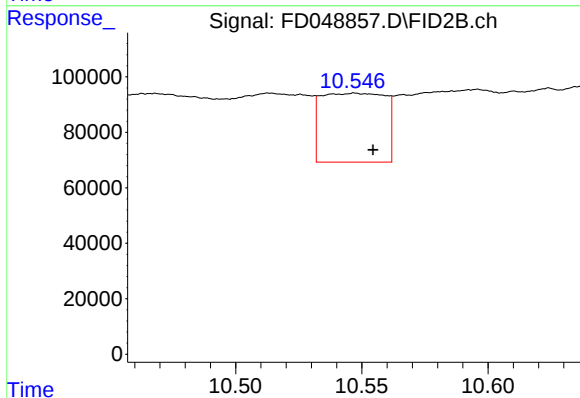
R.T.: 9.104 min
Delta R.T.: 0.012 min
Response: 278184
Conc: 1.45 ug/ml



#9 Phenanthrene (C19.36)

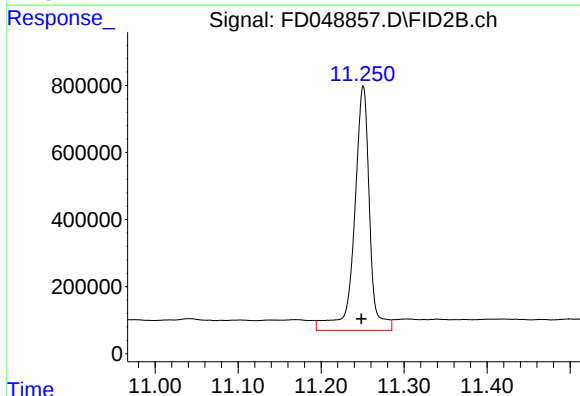
R.T.: 10.468 min
Delta R.T.: -0.010 min
Response: 807287
Conc: 4.40 ug/ml

Instrument :
FID_D
ClientSampleId :



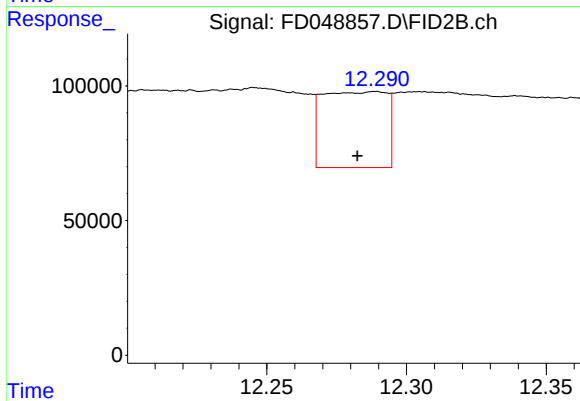
#10 Anthracene (C19.43)

R.T.: 10.547 min
Delta R.T.: -0.007 min
Response: 437626
Conc: 2.34 ug/ml



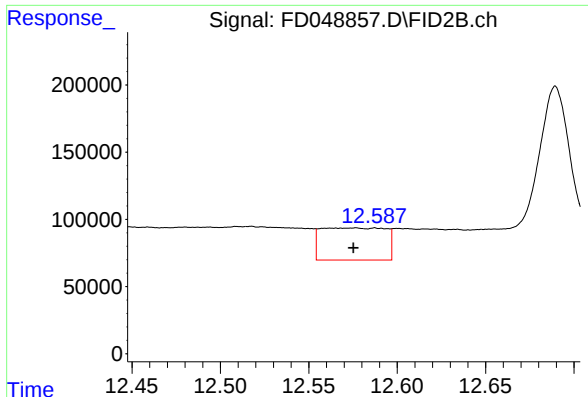
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: 0.002 min
Response: 9276195
Conc: 48.23 ug/ml



#12 Fluoranthene (C21.85)

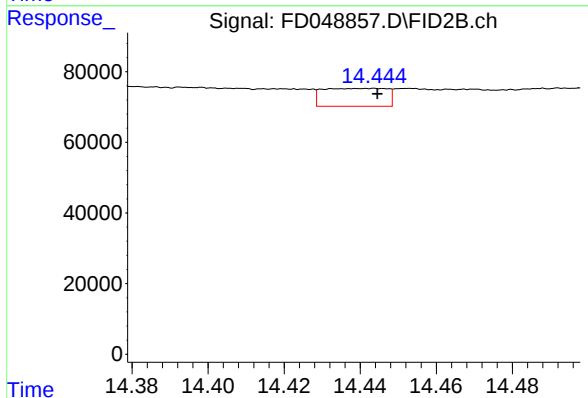
R.T.: 12.289 min
Delta R.T.: 0.006 min
Response: 449635
Conc: 2.46 ug/ml



#13 Pyrene (C20.8)

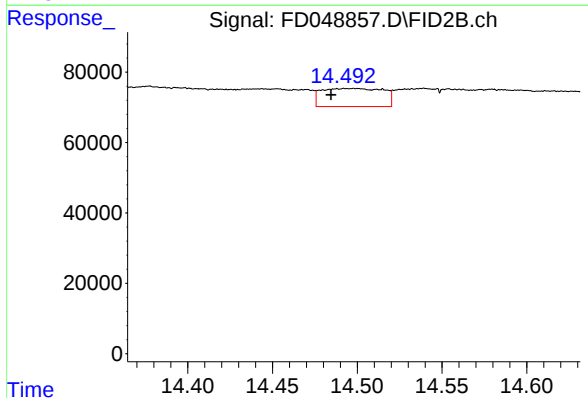
R.T.: 12.576 min
Delta R.T.: 0.001 min
Response: 605495
Conc: 3.35 ug/ml

Instrument :
FID_D
ClientSampleId :



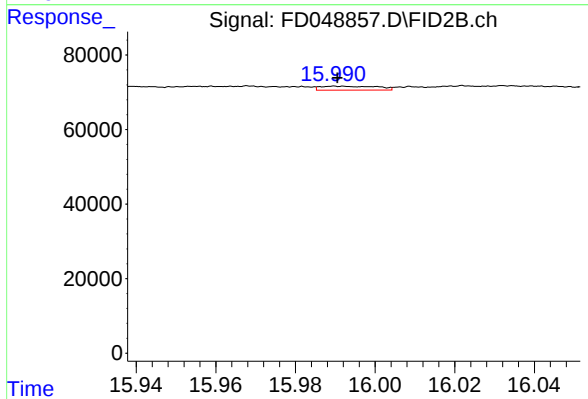
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min
Delta R.T.: -0.001 min
Response: 59281
Conc: 0.36 ug/ml



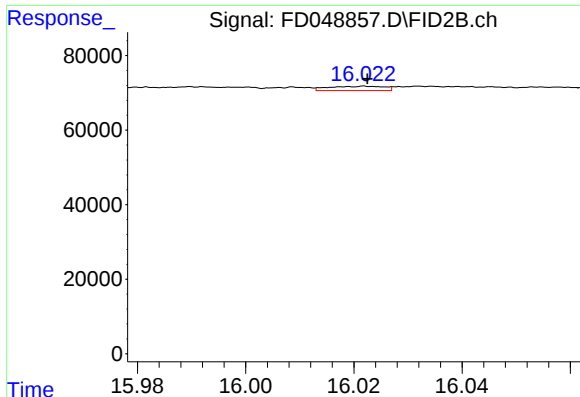
#15 Chrysene (C27.41)

R.T.: 14.499 min
Delta R.T.: 0.015 min
Response: 130753
Conc: 0.75 ug/ml



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

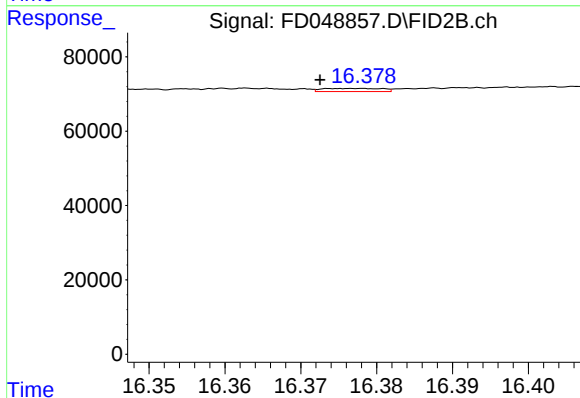
R.T.: 15.991 min
Delta R.T.: 0.000 min
Response: 10498
Conc: 0.07 ug/ml



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

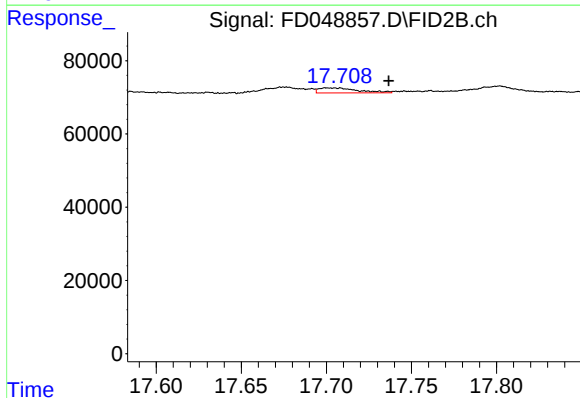
R.T.: 16.022 min
Delta R.T.: 0.000 min
Response: 8419
Conc: 0.05 ug/ml

Instrument :
FID_D
ClientSampleId :



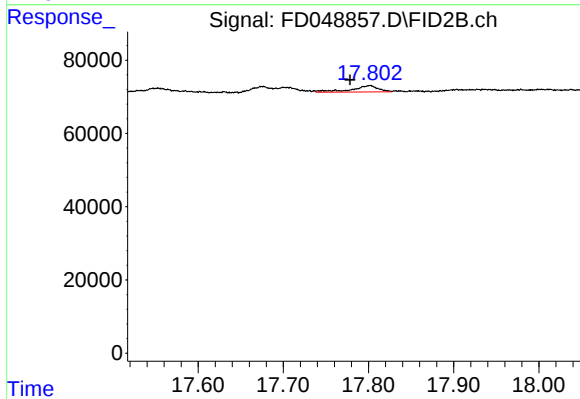
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.377 min
Delta R.T.: 0.005 min
Response: 4458
Conc: 0.03 ug/ml



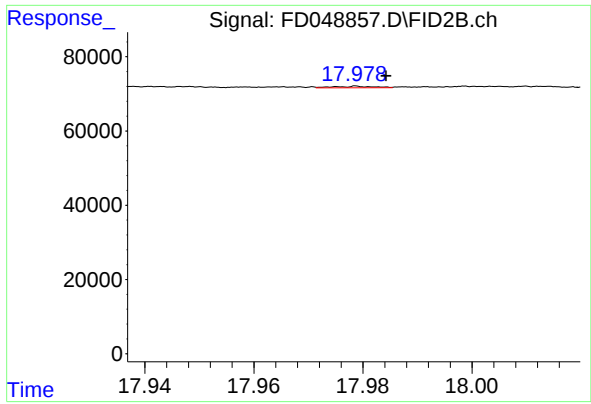
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.701 min
Delta R.T.: -0.036 min
Response: 22026
Conc: 0.18 ug/ml



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

R.T.: 17.802 min
Delta R.T.: 0.023 min
Response: 37448
Conc: 0.24 ug/ml



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

R.T.: 17.979 min
Delta R.T.: -0.005 min
Response: 2046
Conc: 0.01 ug/ml

Instrument :

FID_D

ClientSampleId :