

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120924AR\
 Data File : FD048854.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2024 16:18
 Operator : YP/AJ
 Sample : PB165500BL
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 10 06:17:01 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...	7.363	8426429	47.861 ug/ml
Spiked Amount 50.000		Recovery =	95.72%
6) S 2-Fluorobiphenyl (SURR)	8.213	5218077	45.308 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.62%
11) S ortho-Terphenyl (SURR)	11.250	7843099	40.778 ug/ml
Spiked Amount 50.000		Recovery =	81.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.217	7031	0.037 ug/ml
2) T Naphthalene (C11.7)	5.701	6189	0.032 ug/ml
3) T 2-Methylnaphthalene (...)	6.768	28520	0.149 ug/ml
5) T Acenaphthylene (C15.06)	8.020	2379	0.012 ug/ml
7) T Acenaphthene (C15.5)	8.372f	57985	0.301 ug/ml
8) T Flouorene (C16.55)	9.106	19676	0.103 ug/ml
9) T Phenanthrene (C19.36)	10.466	4996	0.027 ug/ml
10) T Anthracene (C19.43)	10.541	5258	0.028 ug/ml
12) T Fluoranthene (C21.85)	12.255	19418	0.106 ug/ml
13) T Pyrene (C20.8)	12.579	5869	0.032 ug/ml
14) T Benzo[a]anthracene (C...	14.451	1079	0.007 ug/ml
15) T Chrysene (C27.41)	14.476	2323	0.013 ug/ml
16) T benzo[b]fluoranthene ...	15.976	3055	0.019 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	6523	0.040 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.352	3750	0.025 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.674f	54609	0.442 ug/ml
20) T Dibenz[a,h]anthracene...	17.805	35638	0.227 ug/ml
21) T Benzo[g,h,i]perylene ...	17.992	5074	0.036 ug/ml

(f)=RT Delta > 1/2 Window

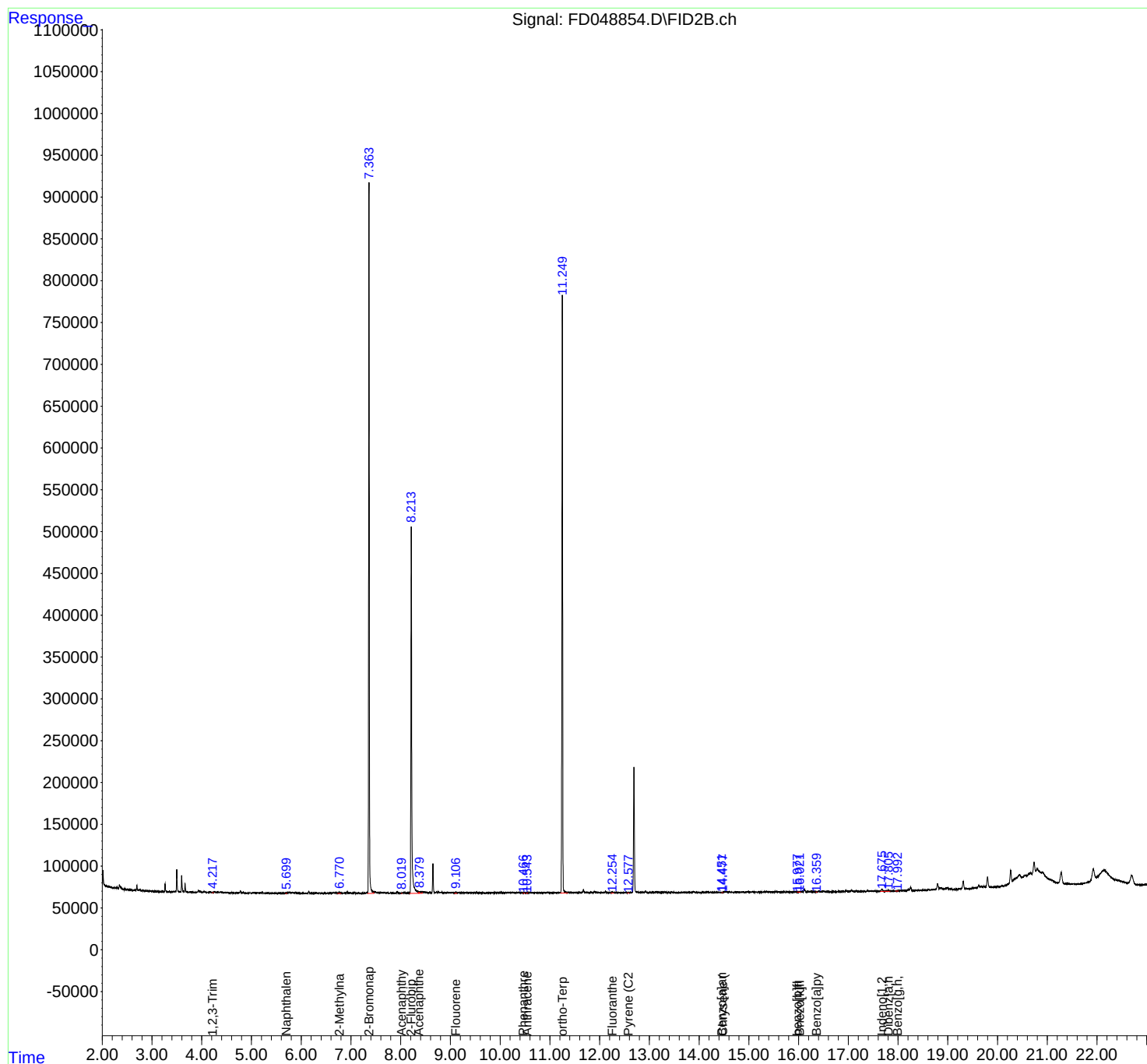
(m)=manual int.

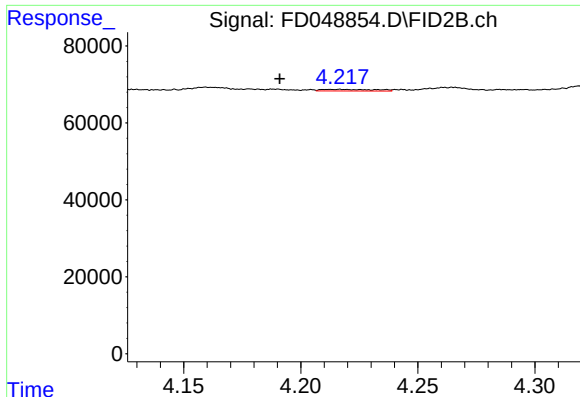
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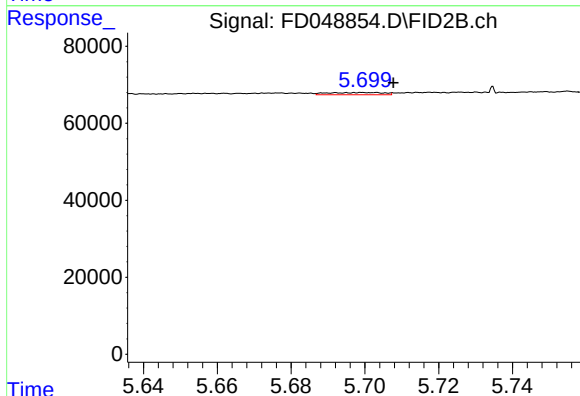




#1 1,2,3-Trimethylbenzene (C10.1)

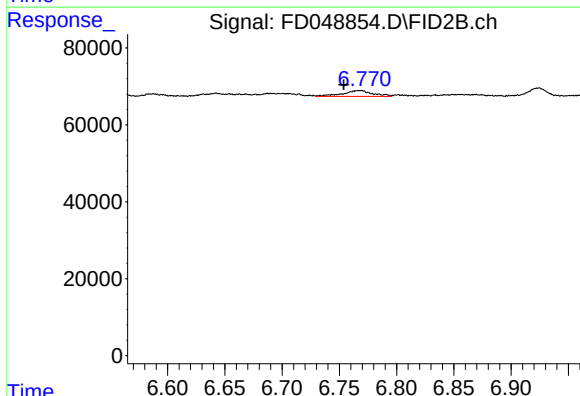
R.T.: 4.217 min
Delta R.T.: 0.026 min
Response: 7031
Conc: 0.04 ug/ml

Instrument :
FID_D
ClientSampleId :



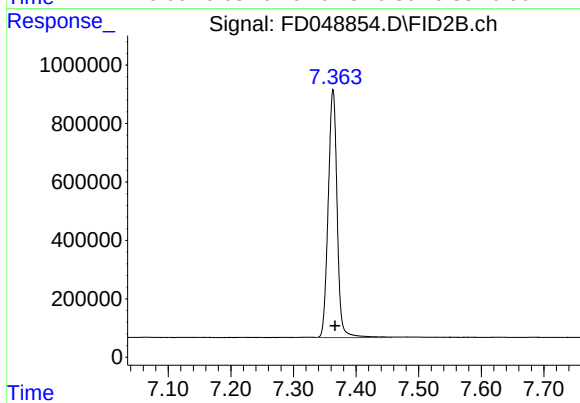
#2 Naphthalene (C11.7)

R.T.: 5.701 min
Delta R.T.: -0.007 min
Response: 6189
Conc: 0.03 ug/ml



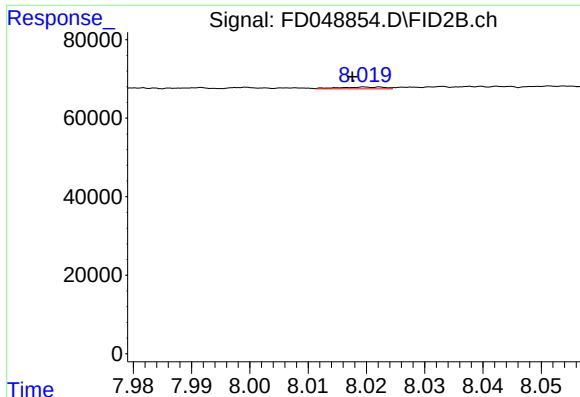
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.768 min
Delta R.T.: 0.015 min
Response: 28520
Conc: 0.15 ug/ml



#4 2-Bromonaphthalene (SURR)

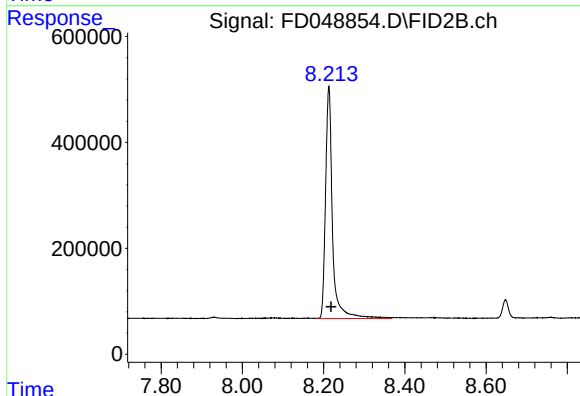
R.T.: 7.363 min
Delta R.T.: -0.003 min
Response: 8426429
Conc: 47.86 ug/ml



#5 Acenaphthylene (C15.06)

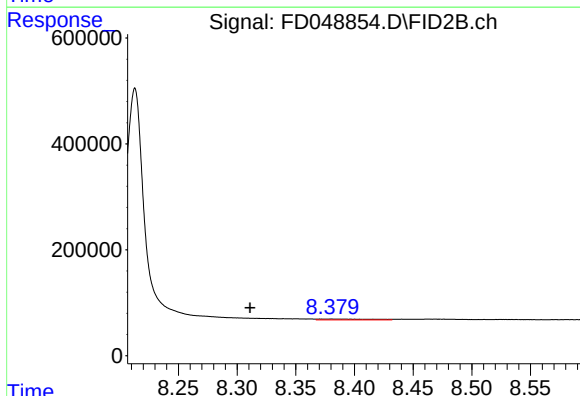
R.T.: 8.020 min
Delta R.T.: 0.003 min
Response: 2379
Conc: 0.01 ug/ml

Instrument :
FID_D
ClientSampleId :



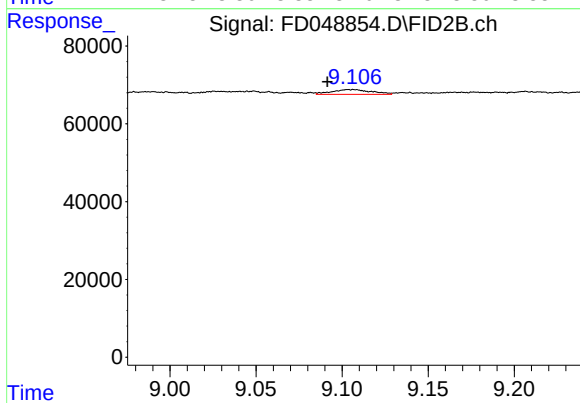
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.213 min
Delta R.T.: -0.005 min
Response: 5218077
Conc: 45.31 ug/ml



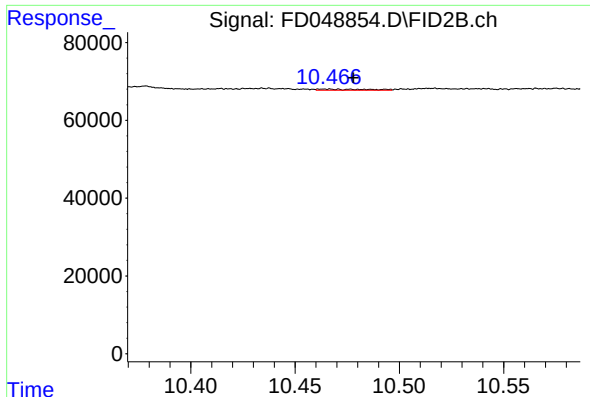
#7 Acenaphthene (C15.5)

R.T.: 8.372 min
Delta R.T.: 0.061 min
Response: 57985
Conc: 0.30 ug/ml



#8 Flouorene (C16.55)

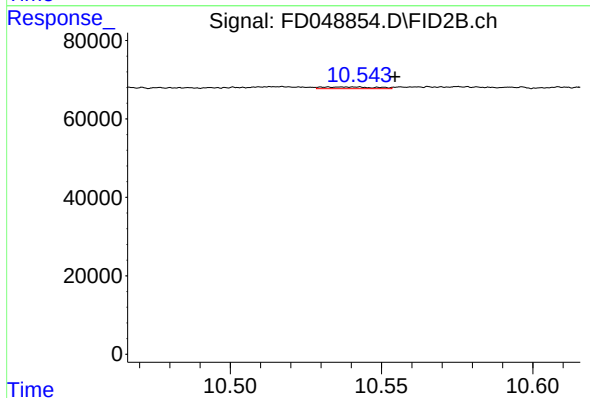
R.T.: 9.106 min
Delta R.T.: 0.015 min
Response: 19676
Conc: 0.10 ug/ml



#9 Phenanthrene (C19.36)

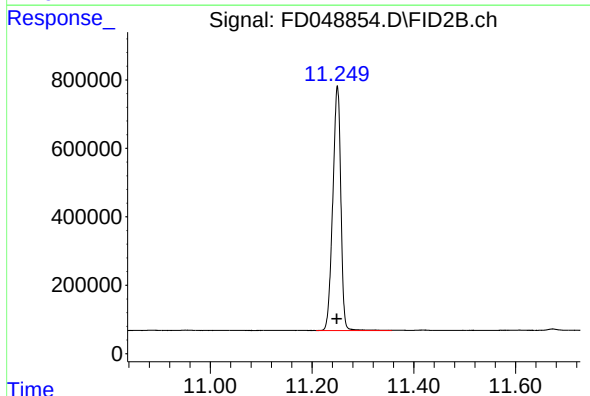
R.T.: 10.466 min
Delta R.T.: -0.012 min
Response: 4996
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



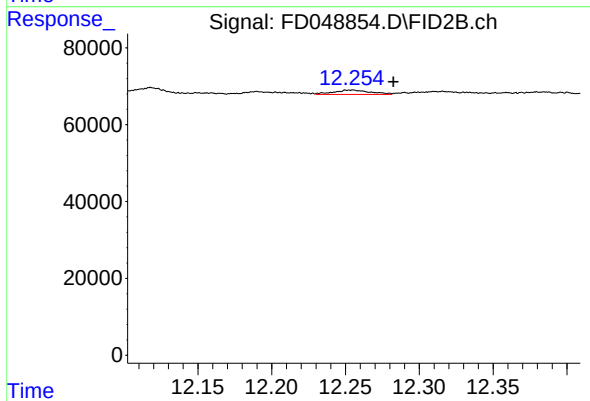
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: -0.013 min
Response: 5258
Conc: 0.03 ug/ml



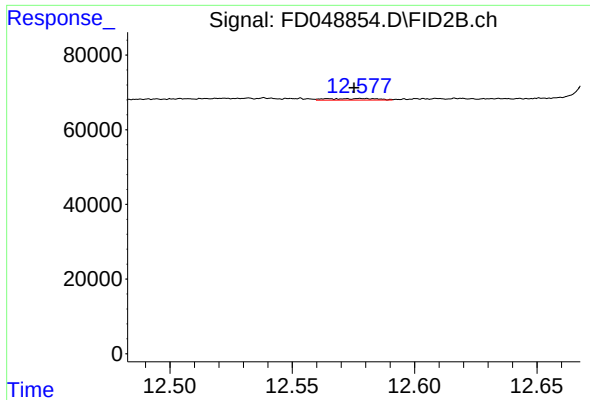
#11 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: 0.001 min
Response: 7843099
Conc: 40.78 ug/ml



#12 Fluoranthene (C21.85)

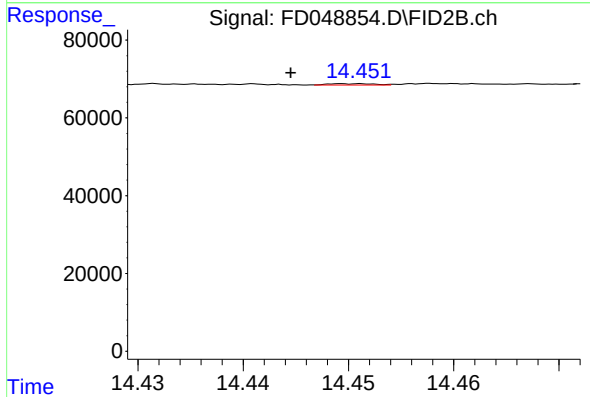
R.T.: 12.255 min
Delta R.T.: -0.028 min
Response: 19418
Conc: 0.11 ug/ml



#13 Pyrene (C20.8)

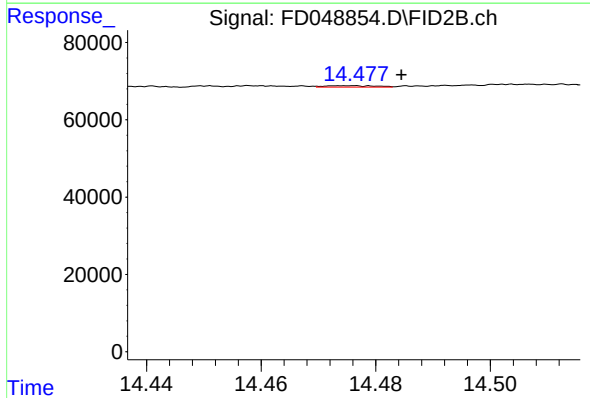
R.T.: 12.579 min
Delta R.T.: 0.003 min
Response: 5869
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



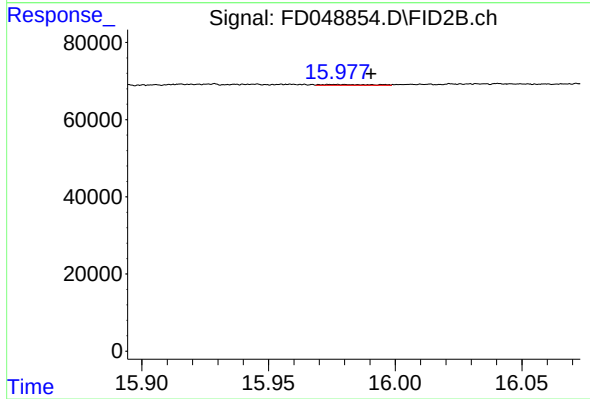
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.451 min
Delta R.T.: 0.006 min
Response: 1079
Conc: 0.01 ug/ml



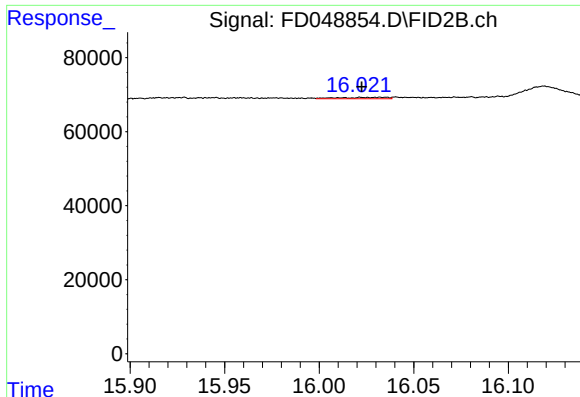
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: -0.009 min
Response: 2323
Conc: 0.01 ug/ml



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

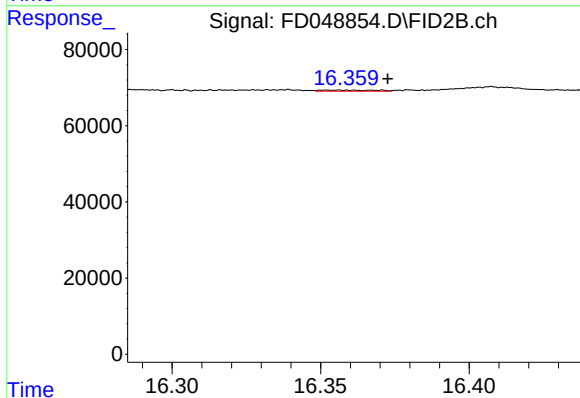
R.T.: 15.976 min
Delta R.T.: -0.015 min
Response: 3055
Conc: 0.02 ug/ml



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

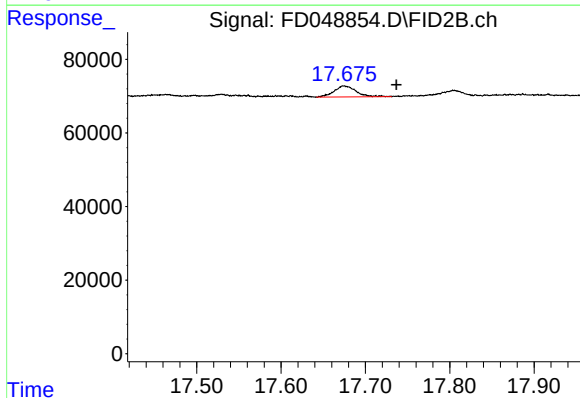
R.T.: 16.022 min
Delta R.T.: 0.000 min
Response: 6523
Conc: 0.04 ug/ml

Instrument :
FID_D
ClientSampleId :



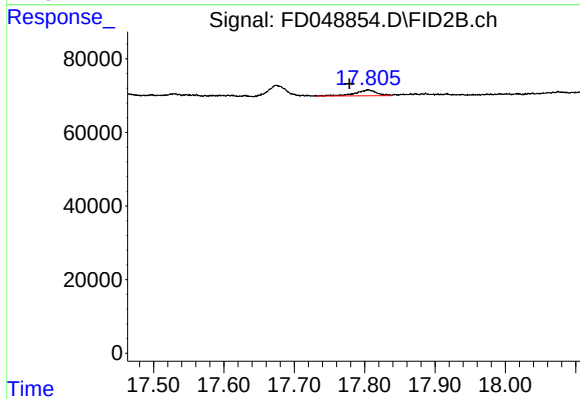
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.352 min
Delta R.T.: -0.021 min
Response: 3750
Conc: 0.03 ug/ml



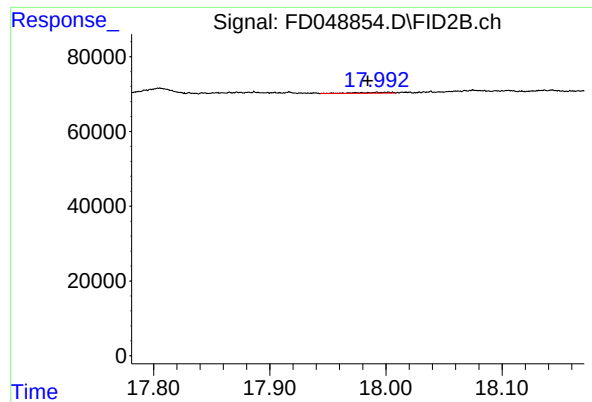
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.674 min
Delta R.T.: -0.062 min
Response: 54609
Conc: 0.44 ug/ml



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

R.T.: 17.805 min
Delta R.T.: 0.026 min
Response: 35638
Conc: 0.23 ug/ml



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

R.T.: 17.992 min
Delta R.T.: 0.008 min
Response: 5074
Conc: 0.04 ug/ml

Instrument :

FID_D

ClientSampleId :