

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
 Data File : FD047652.D
 Signal(s) : FID2B.ch
 Acq On : 07 May 2024 16:44
 Operator : YP/AJ
 Sample : P2391-05
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 08 03:33:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.468	28028651	178.721 ug/ml
Spiked Amount 50.000		Recovery =	357.44%
6) S 2-Fluorobiphenyl (SURR)	8.341	48534728	463.993 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	927.99%#
11) S ortho-Terphenyl (SURR)	11.353	173161560	923.363 ug/ml
Spiked Amount 50.000		Recovery =	1846.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.241	242548	1.500 ug/ml
2) T Naphthalene (C11.7)	5.764	748450	4.423 ug/ml
3) T 2-Methylnaphthalene (...)	6.853	4781208	28.068 ug/ml
5) T Acenaphthylene (C15.06)	8.106	22160051	135.881 ug/ml
7) T Acenaphthene (C15.5)	8.436	76867879	457.286 ug/ml
8) T Fluorene (C16.55)	9.166	103038698	619.435 ug/ml
9) T Phenanthrene (C19.36)	10.587	128479455	784.763 ug/ml
10) T Anthracene (C19.43)	10.690	339516340	2266.693 ug/ml
12) T Fluoranthene (C21.85)	12.390	179179665	1079.827 ug/ml
13) T Pyrene (C20.8)	12.675	88449611	543.601 ug/ml
14) T Benzo[a]anthracene (C...	14.518	89888548	615.789 ug/ml
15) T Chrysene (C27.41)	14.583	43694395	277.275 ug/ml
16) T benzo[b]fluoranthene ...	16.061	38293176	256.385 ug/ml
17) T Bnezo[k]fluoranthene ...	16.125	14636618	97.220 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	26852445	186.098 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	2889557	21.291 ug/ml
20) T Dibenz[a,h]anthracene...	17.851	2889557	20.182 ug/ml

(f)=RT Delta > 1/2 Window

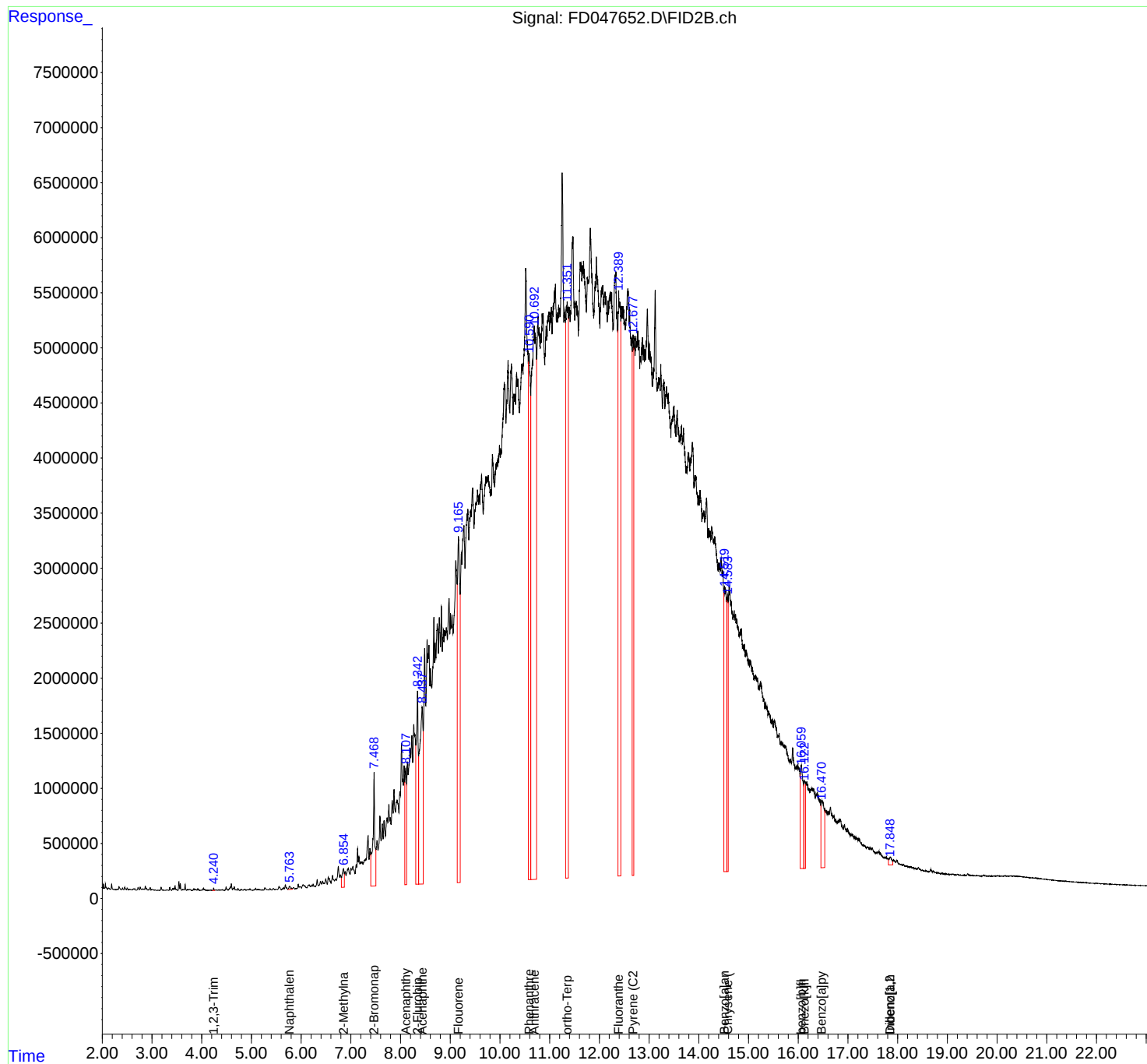
(m)=manual int.

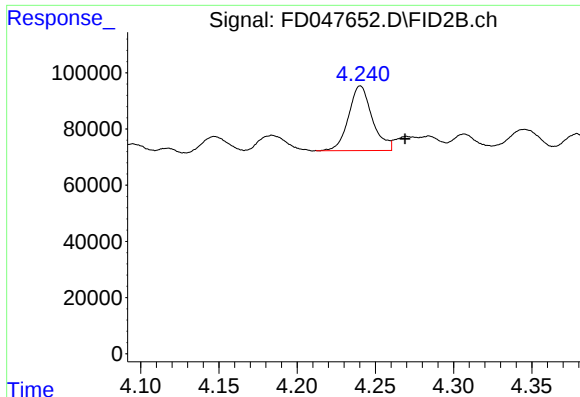
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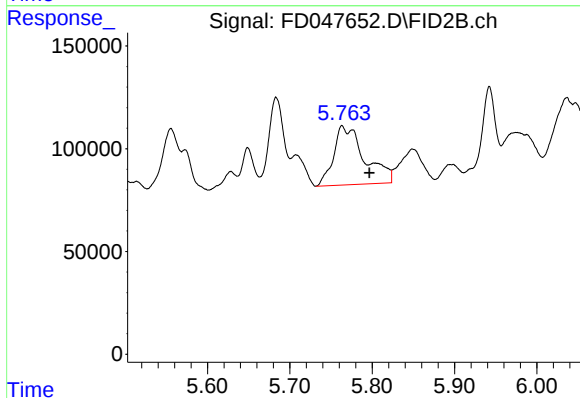




#1 1,2,3-Trimethylbenzene (C10.1)

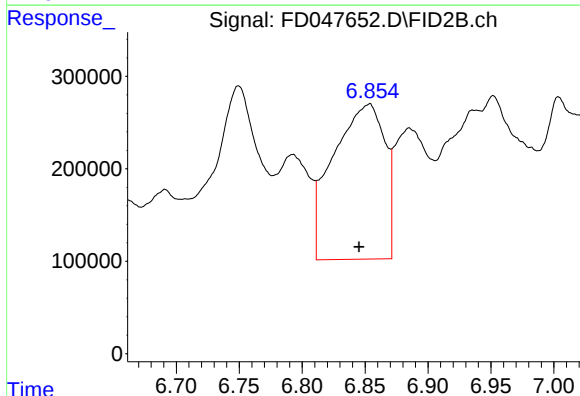
R.T.: 4.241 min
Delta R.T.: -0.028 min
Response: 242548
Conc: 1.50 ug/ml

Instrument :
FID_D
ClientSampleId :



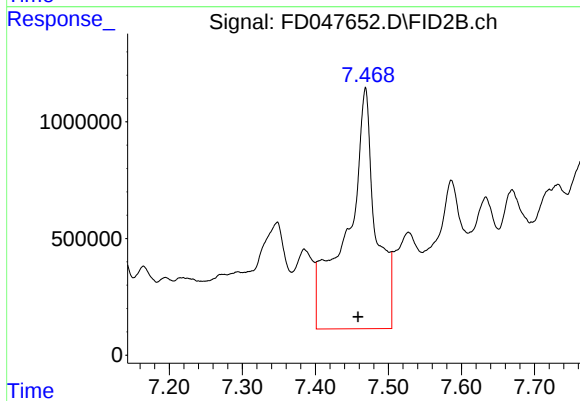
#2 Naphthalene (C11.7)

R.T.: 5.764 min
Delta R.T.: -0.032 min
Response: 748450
Conc: 4.42 ug/ml



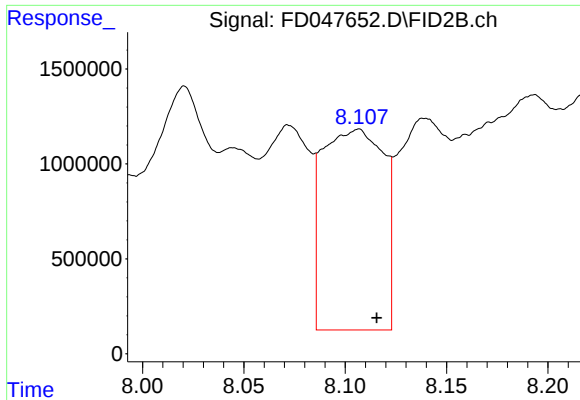
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.853 min
Delta R.T.: 0.007 min
Response: 4781208
Conc: 28.07 ug/ml



#4 2-Bromonaphthalene (SURR)

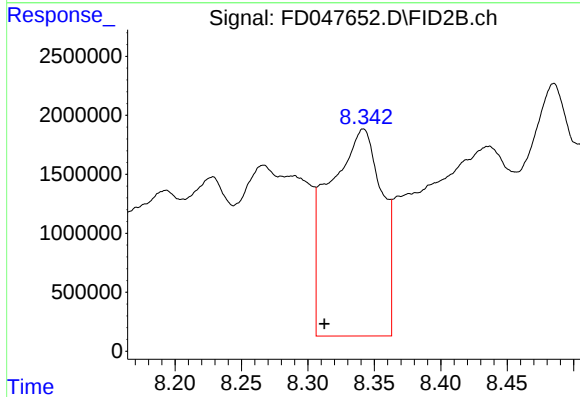
R.T.: 7.468 min
Delta R.T.: 0.010 min
Response: 28028651
Conc: 178.72 ug/ml



#5 Acenaphthylene (C15.06)

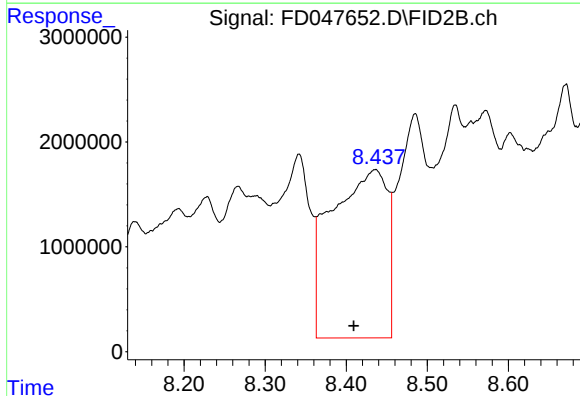
R.T.: 8.106 min
Delta R.T.: -0.010 min
Response: 22160051
Conc: 135.88 ug/ml

Instrument :
FID_D
ClientSampleId :



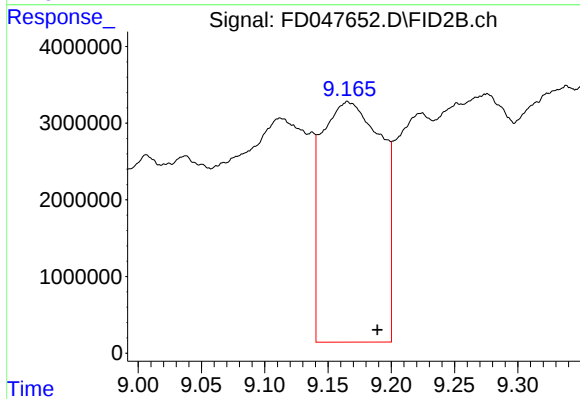
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.341 min
Delta R.T.: 0.029 min
Response: 48534728
Conc: 463.99 ug/ml



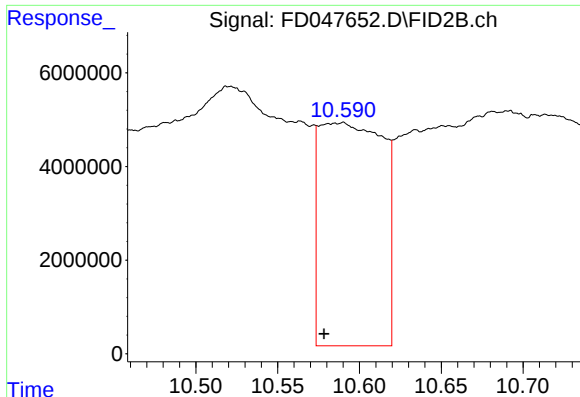
#7 Acenaphthene (C15.5)

R.T.: 8.436 min
Delta R.T.: 0.026 min
Response: 76867879
Conc: 457.29 ug/ml



#8 Flouorene (C16.55)

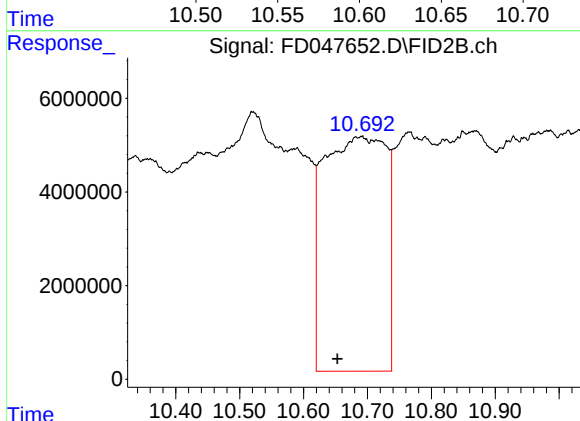
R.T.: 9.166 min
Delta R.T.: -0.023 min
Response: 103038698
Conc: 619.43 ug/ml



#9 Phenanthrene (C19.36)

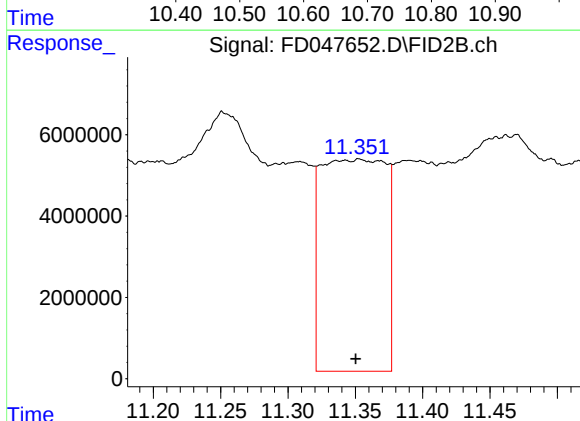
R.T.: 10.587 min
Delta R.T.: 0.009 min
Response: 128479455
Conc: 784.76 ug/ml

Instrument :
FID_D
ClientSampleId :



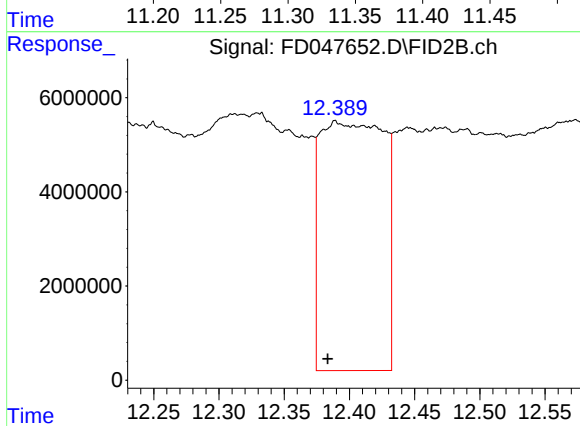
#10 Anthracene (C19.43)

R.T.: 10.690 min
Delta R.T.: 0.037 min
Response: 339516340
Conc: 2266.69 ug/ml



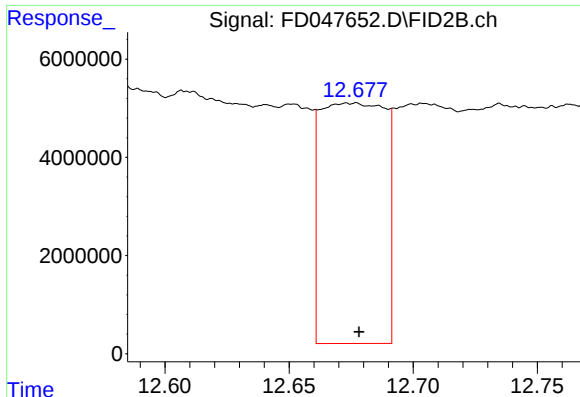
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: 0.003 min
Response: 173161560
Conc: 923.36 ug/ml



#12 Fluoranthene (C21.85)

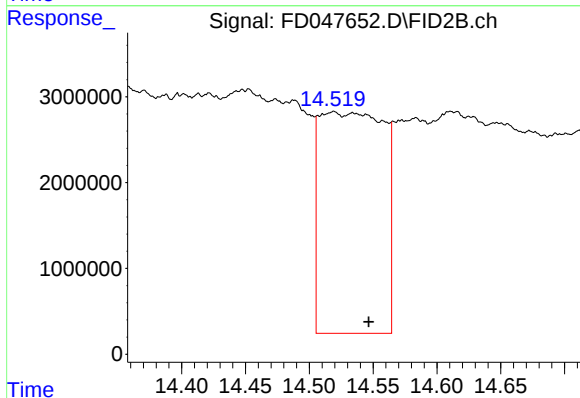
R.T.: 12.390 min
Delta R.T.: 0.007 min
Response: 179179665
Conc: 1079.83 ug/ml



#13 Pyrene (C20.8)

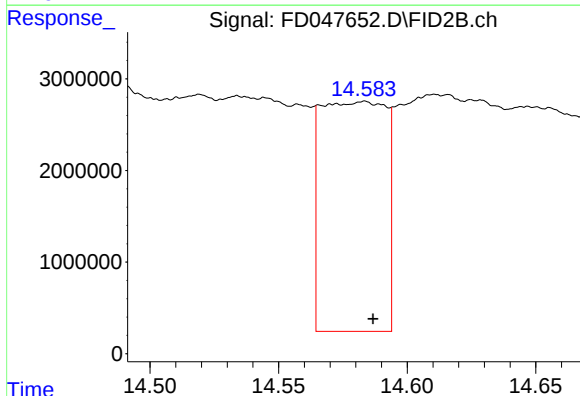
R.T.: 12.675 min
Delta R.T.: -0.003 min
Response: 88449611
Conc: 543.60 ug/ml

Instrument :
FID_D
ClientSampleId :



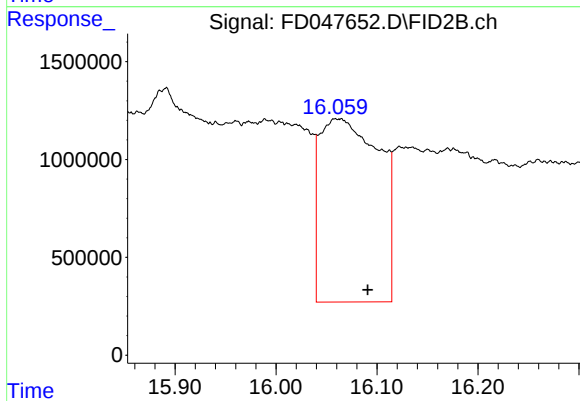
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.518 min
Delta R.T.: -0.028 min
Response: 89888548
Conc: 615.79 ug/ml



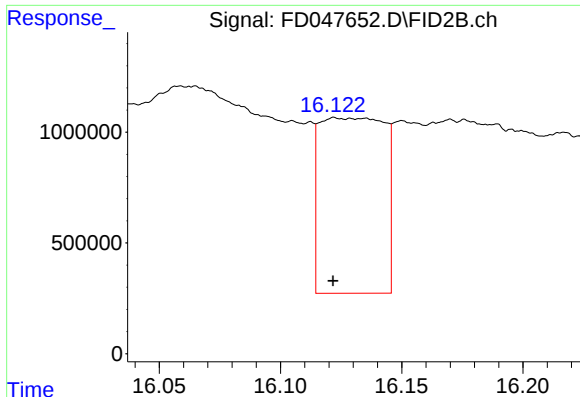
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: -0.004 min
Response: 43694395
Conc: 277.28 ug/ml



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

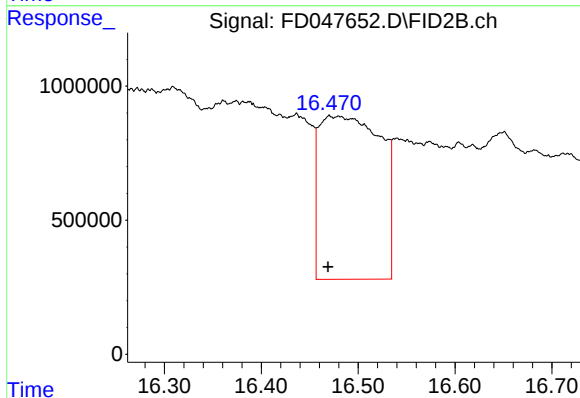
R.T.: 16.061 min
Delta R.T.: -0.030 min
Response: 38293176
Conc: 256.39 ug/ml



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

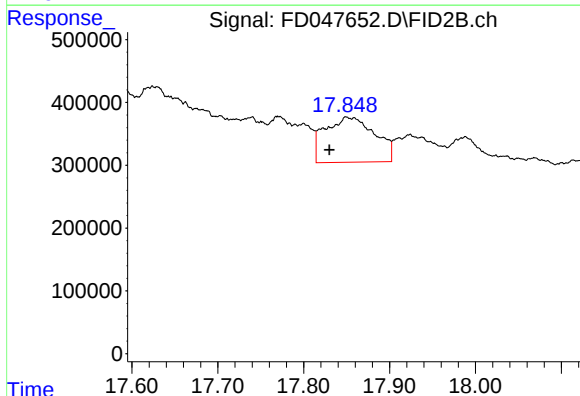
R.T.: 16.125 min
Delta R.T.: 0.003 min
Response: 14636618
Conc: 97.22 ug/ml

Instrument :
FID_D
ClientSampleId :



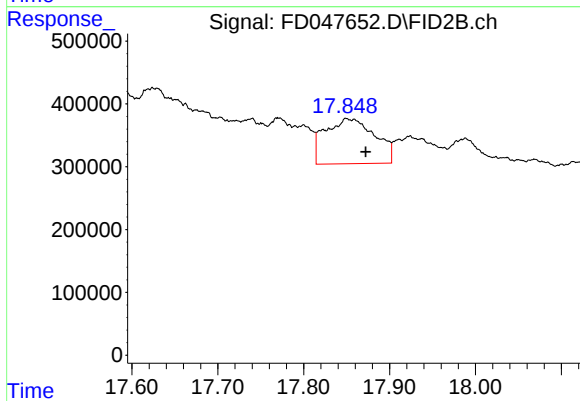
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: 0.003 min
Response: 26852445
Conc: 186.10 ug/ml



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

R.T.: 17.851 min
Delta R.T.: 0.022 min
Response: 2889557
Conc: 21.29 ug/ml



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

R.T.: 17.851 min
Delta R.T.: -0.021 min
Response: 2889557
Conc: 20.18 ug/ml