

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121224AR\
 Data File : FD048889.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2024 18:05
 Operator : YP/AJ
 Sample : P5220-03
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 13 01:28:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 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	8711312	51.719 ug/ml
Spiked Amount 50.000		Recovery =	103.44%
6) S 2-Fluorobiphenyl (SURR)	8.212	5636651	54.562 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.12%
11) S ortho-Terphenyl (SURR)	11.247	7356336	41.406 ug/ml
Spiked Amount 50.000		Recovery =	82.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	1384338	7.312 ug/ml
2) T Naphthalene (C11.7)	5.703	623796	3.265 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	2361732	12.781 ug/ml
5) T Acenaphthylene (C15.06)	8.014	111094	0.595 ug/ml
7) T Acenaphthene (C15.5)	8.302	202535	1.088 ug/ml
8) T Fluorene (C16.55)	9.082	150192	0.841 ug/ml
9) T Phenanthrene (C19.36)	10.475	242810	1.454 ug/ml
10) T Anthracene (C19.43)	10.570	402008	2.369 ug/ml
12) T Fluoranthene (C21.85)	12.302	608965	3.720 ug/ml
13) T Pyrene (C20.8)	12.583	47778	0.294 ug/ml
14) T Benzo[a]anthracene (C...	14.489	29858	0.226 ug/ml
15) T Chrysene (C27.41)	14.489	29858	0.185 ug/ml
16) T benzo[b]fluoranthene ...	16.028	218835	1.625 ug/ml
17) T Bnezo[k]fluoranthene ...	16.028	218835	1.437 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.388	662316	4.789 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.736	34482	0.324 ug/ml
20) T Dibenz[a,h]anthracene...	17.800	45199	0.312 ug/ml

(f)=RT Delta > 1/2 Window

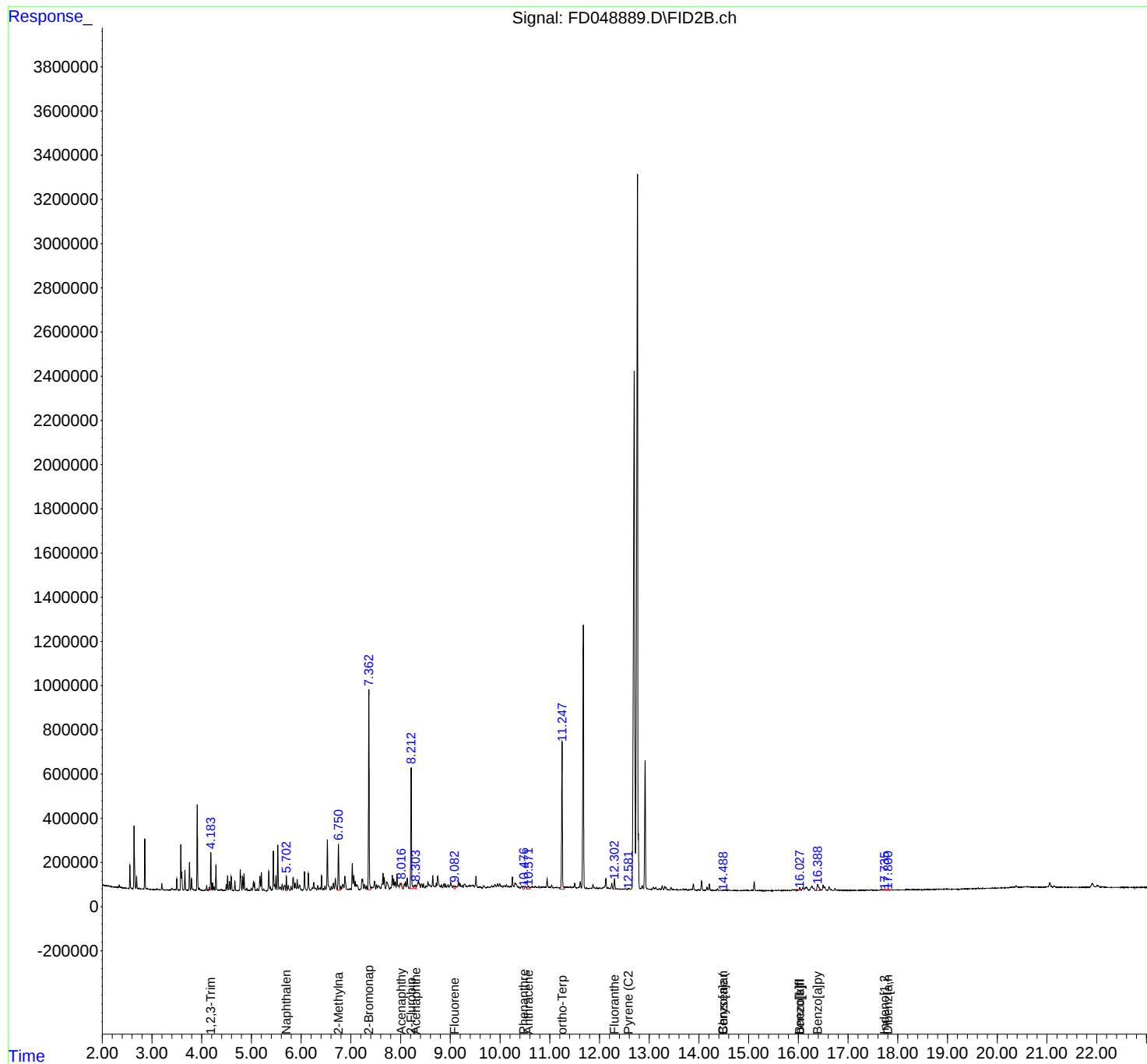
(m)=manual int.

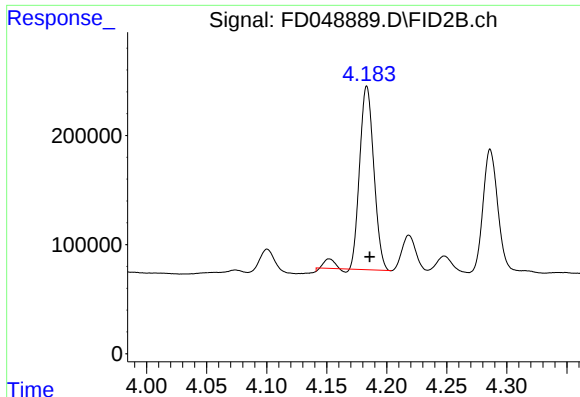
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121224AR\
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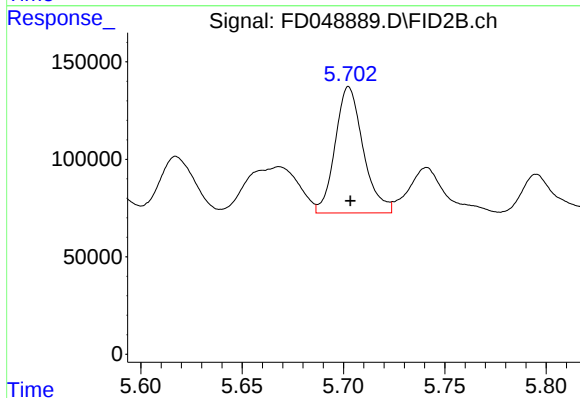




#1 1,2,3-Trimethylbenzene (C10.1)

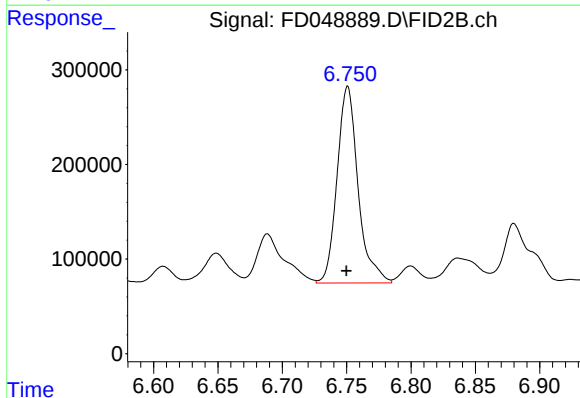
R.T.: 4.184 min
Delta R.T.: -0.002 min
Response: 1384338
Conc: 7.31 ug/ml

Instrument :
FID_D
ClientSampleId :



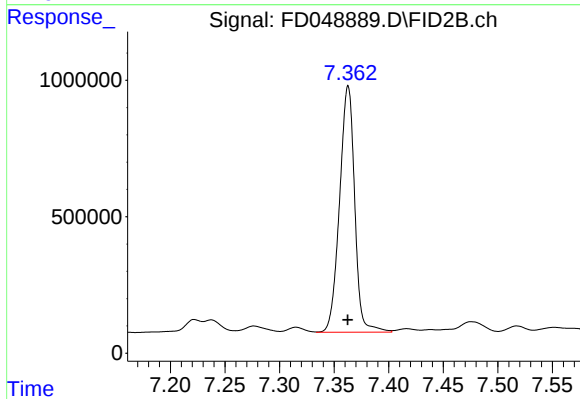
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 623796
Conc: 3.26 ug/ml



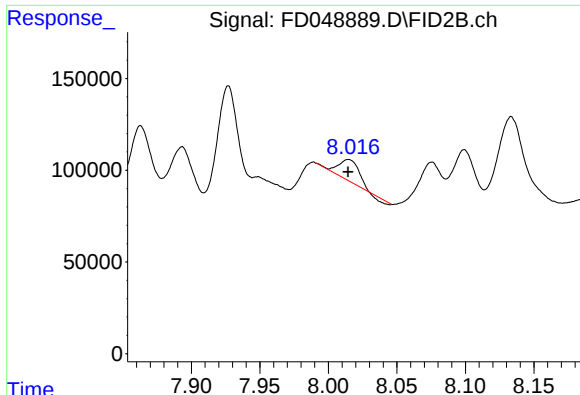
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 2361732
Conc: 12.78 ug/ml



#4 2-Bromonaphthalene (SURR)

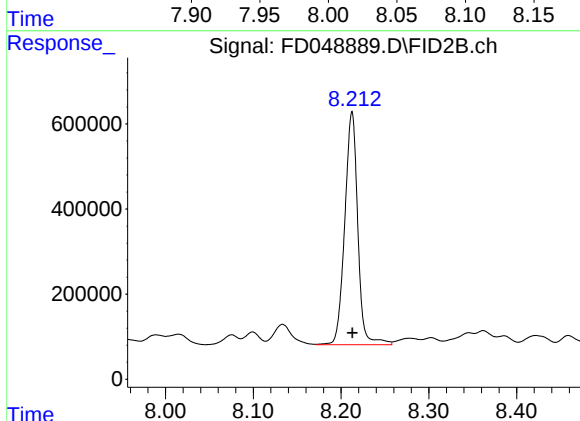
R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 8711312
Conc: 51.72 ug/ml



#5 Acenaphthylene (C15.06)

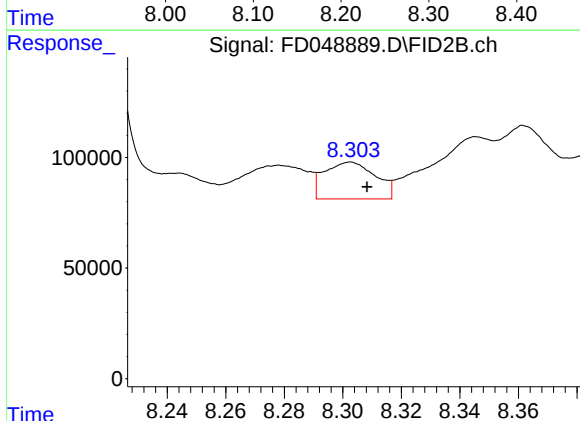
R.T.: 8.014 min
Delta R.T.: 0.000 min
Response: 111094
Conc: 0.60 ug/ml

Instrument :
FID_D
ClientSampleId :



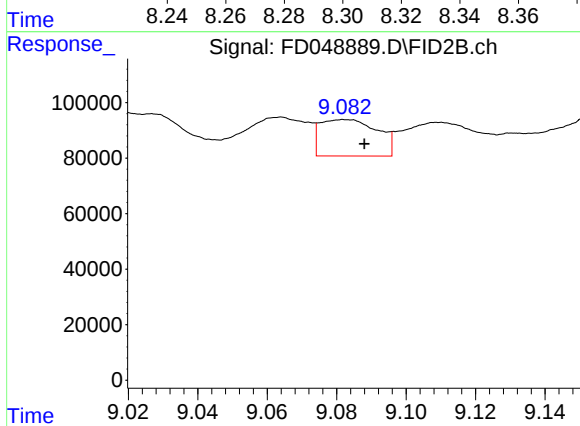
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 5636651
Conc: 54.56 ug/ml



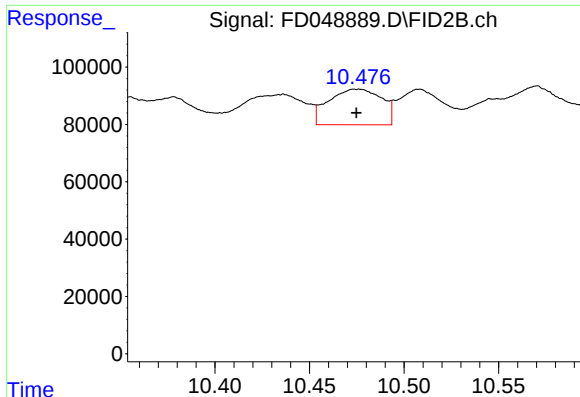
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: -0.006 min
Response: 202535
Conc: 1.09 ug/ml



#8 Flouorene (C16.55)

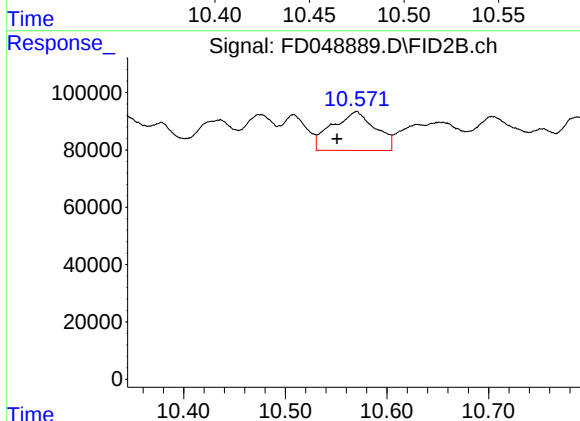
R.T.: 9.082 min
Delta R.T.: -0.006 min
Response: 150192
Conc: 0.84 ug/ml



#9 Phenanthrene (C19.36)

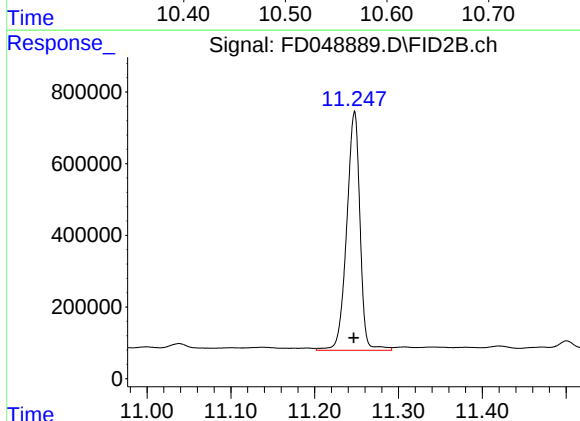
R.T.: 10.475 min
Delta R.T.: 0.000 min
Response: 242810
Conc: 1.45 ug/ml

Instrument :
FID_D
ClientSampleId :



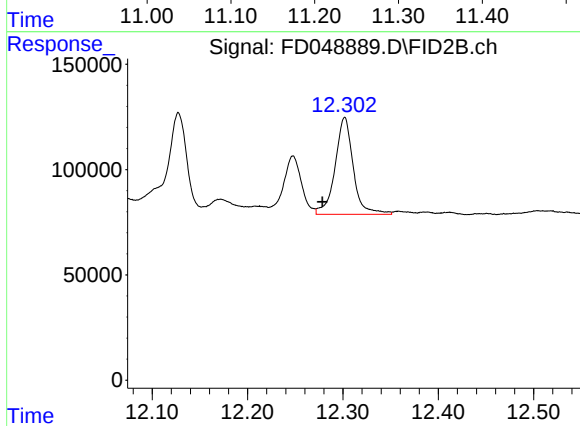
#10 Anthracene (C19.43)

R.T.: 10.570 min
Delta R.T.: 0.019 min
Response: 402008
Conc: 2.37 ug/ml



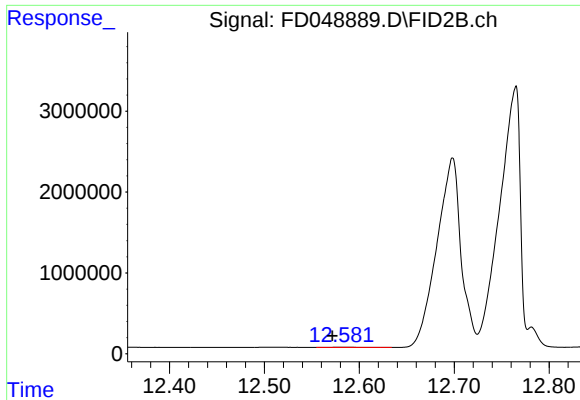
#11 ortho-Terphenyl (SURR)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 7356336
Conc: 41.41 ug/ml



#12 Fluoranthene (C21.85)

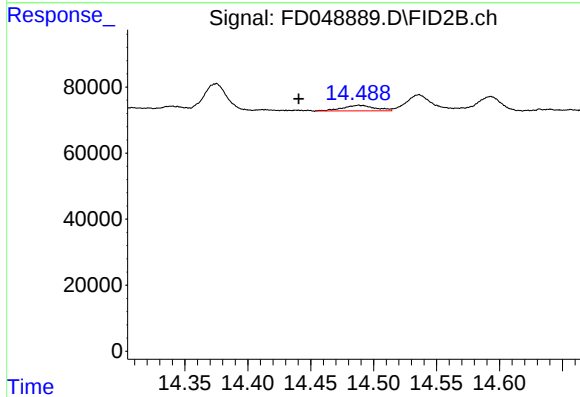
R.T.: 12.302 min
Delta R.T.: 0.023 min
Response: 608965
Conc: 3.72 ug/ml



#13 Pyrene (C20.8)

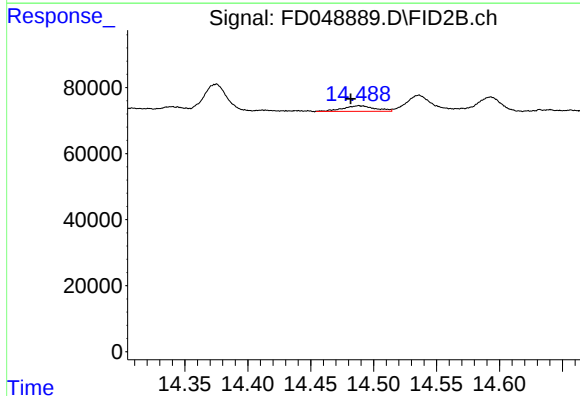
R.T.: 12.583 min
Delta R.T.: 0.012 min
Response: 47778
Conc: 0.29 ug/ml

Instrument :
FID_D
ClientSampleId :



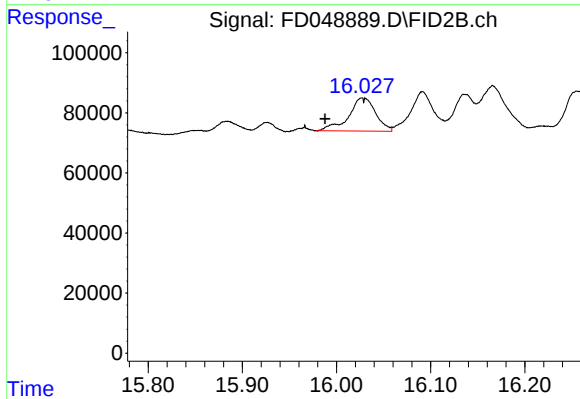
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.489 min
Delta R.T.: 0.048 min
Response: 29858
Conc: 0.23 ug/ml



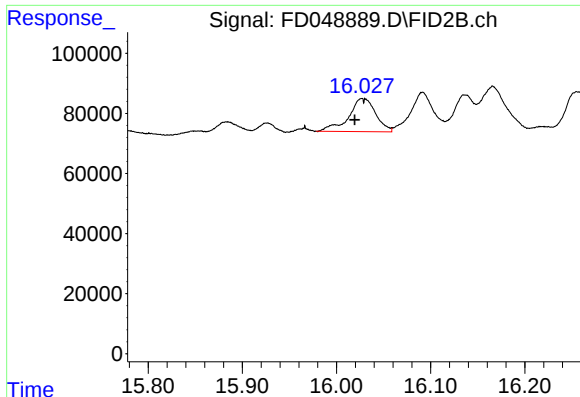
#15 Chrysene (C27.41)

R.T.: 14.489 min
Delta R.T.: 0.007 min
Response: 29858
Conc: 0.18 ug/ml



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

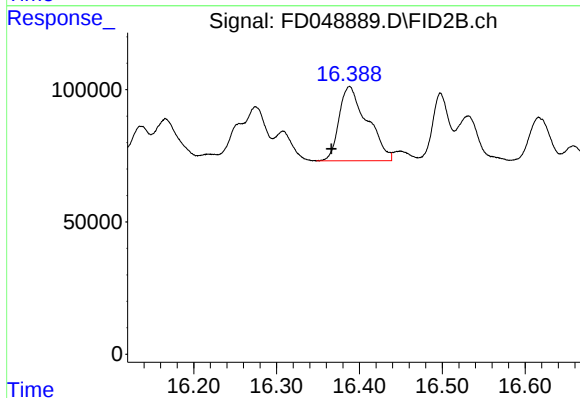
R.T.: 16.028 min
Delta R.T.: 0.041 min
Response: 218835
Conc: 1.63 ug/ml



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

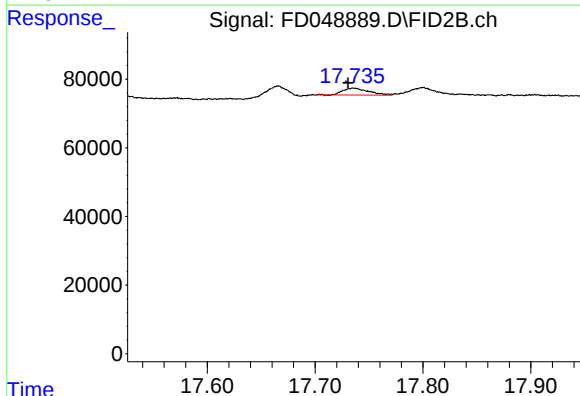
R.T.: 16.028 min
Delta R.T.: 0.009 min
Response: 218835
Conc: 1.44 ug/ml

Instrument :
FID_D
ClientSampleId :



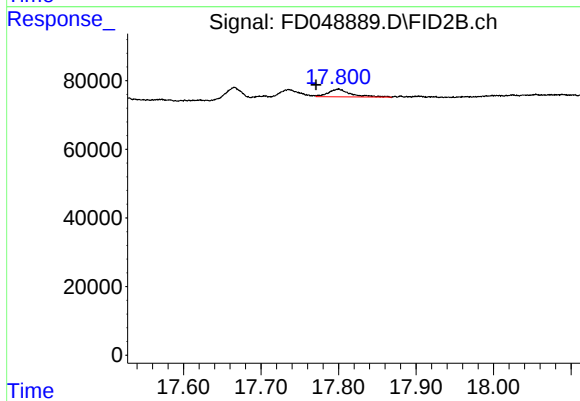
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.388 min
Delta R.T.: 0.022 min
Response: 662316
Conc: 4.79 ug/ml



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

R.T.: 17.736 min
Delta R.T.: 0.005 min
Response: 34482
Conc: 0.32 ug/ml



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

R.T.: 17.800 min
Delta R.T.: 0.029 min
Response: 45199
Conc: 0.31 ug/ml