

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048165.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 18:56
 Operator : YP/AJ
 Sample : P3464-01D
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 03:21:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.401	6179186	41.576 ug/ml
Spiked Amount 50.000		Recovery =	83.15%
6) S 2-Fluorobiphenyl (SURR)	8.251	3874222	40.936 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.87%
11) S ortho-Terphenyl (SURR)	11.290	7899625	47.213 ug/ml
Spiked Amount 50.000		Recovery =	94.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.224	16336	0.098 ug/ml
2) T Naphthalene (C11.7)	5.752	37051	0.214 ug/ml
3) T 2-Methylnaphthalene (...)	6.798	86341	0.498 ug/ml
5) T Acenaphthylene (C15.06)	8.060	71256	0.416 ug/ml
7) T Acenaphthene (C15.5)	8.348	58800	0.339 ug/ml
8) T Flouorene (C16.55)	9.143	62946	0.388 ug/ml
9) T Phenanthrene (C19.36)	10.502	707483	4.455 ug/ml
10) T Anthracene (C19.43)	10.598	109527	0.694 ug/ml
12) T Fluoranthene (C21.85)	12.322	183937	1.162 ug/ml
13) T Pyrene (C20.8)	12.615	149634	0.946 ug/ml
14) T Benzo[a]anthracene (C...	14.488	83457	0.611 ug/ml
15) T Chrysene (C27.41)	14.533	293410	1.820 ug/ml
16) T benzo[b]fluoranthene ...	16.030	243576	1.692 ug/ml
17) T Bnezo[k]fluoranthene ...	16.067	103582	0.694 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.775	692210	6.137 ug/ml
20) T Dibenz[a,h]anthracene...	17.841	199834	1.375 ug/ml
21) T Benzo[g,h,i]perylene ...	18.025	90691	0.615 ug/ml

(f)=RT Delta > 1/2 Window

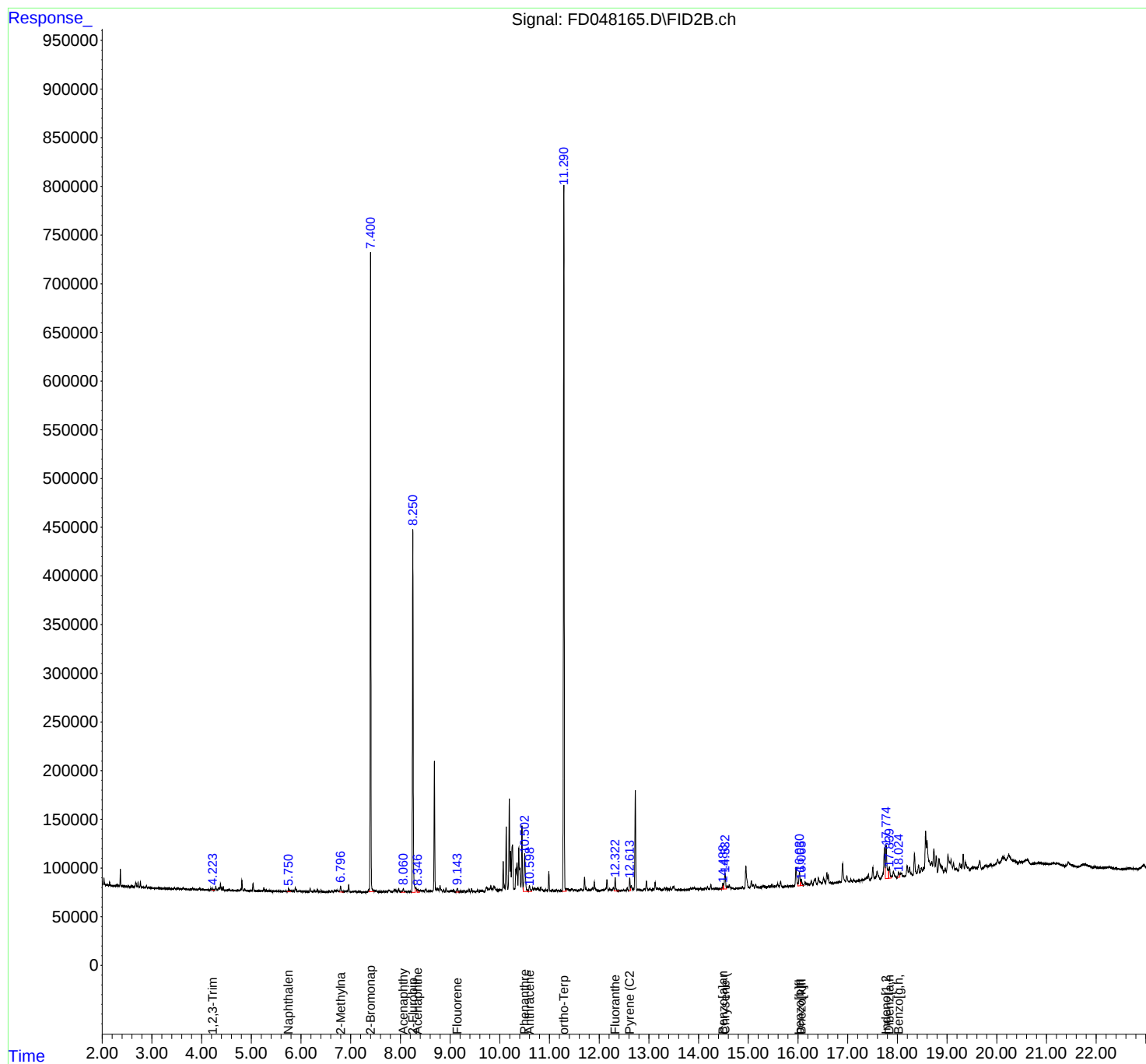
(m)=manual int.

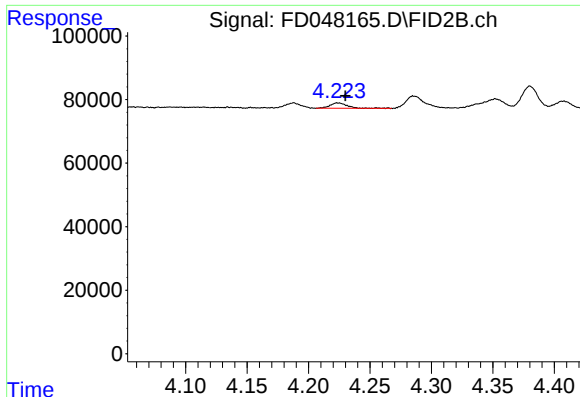
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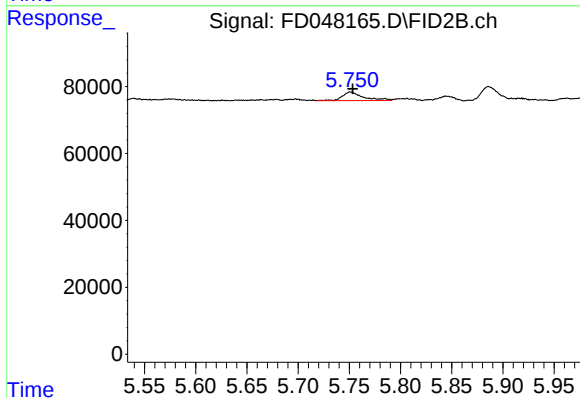




#1 1,2,3-Trimethylbenzene (C10.1)

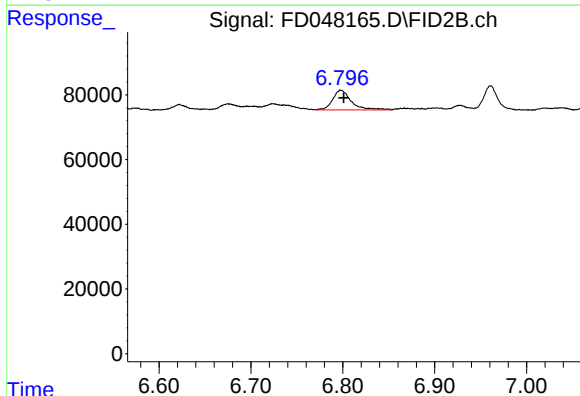
R.T.: 4.224 min
Delta R.T.: -0.006 min
Response: 16336
Conc: 0.10 ug/ml

Instrument :
FID_D
ClientSampleId :



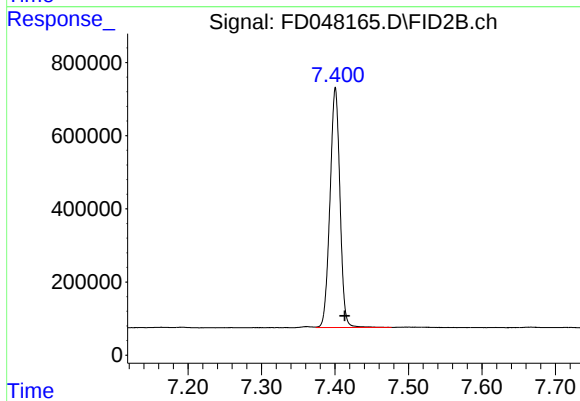
#2 Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: -0.002 min
Response: 37051
Conc: 0.21 ug/ml



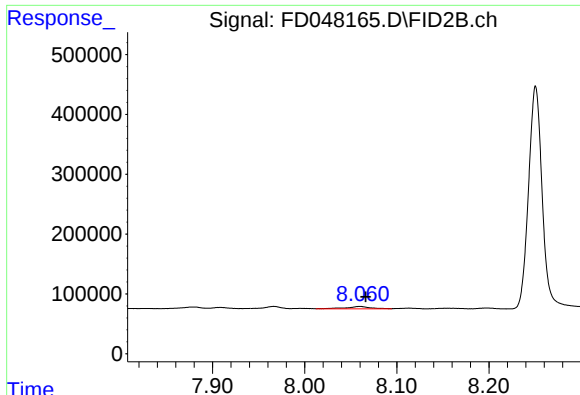
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.798 min
Delta R.T.: -0.003 min
Response: 86341
Conc: 0.50 ug/ml



#4 2-Bromonaphthalene (SURR)

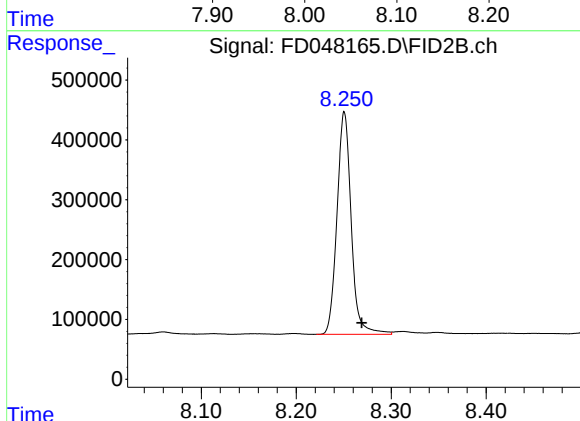
R.T.: 7.401 min
Delta R.T.: -0.013 min
Response: 6179186
Conc: 41.58 ug/ml



#5 Acenaphthylene (C15.06)

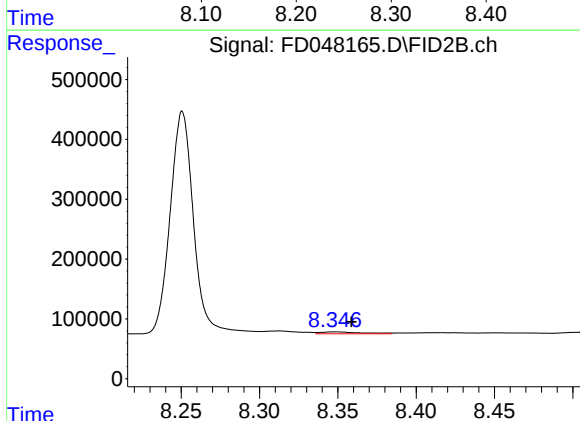
R.T.: 8.060 min
Delta R.T.: -0.006 min
Response: 71256
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



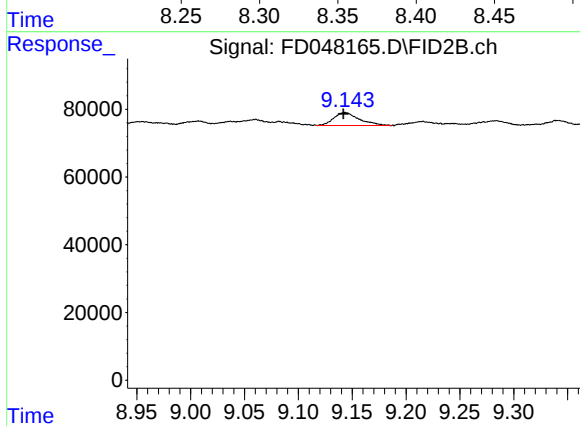
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.251 min
Delta R.T.: -0.018 min
Response: 3874222
Conc: 40.94 ug/ml



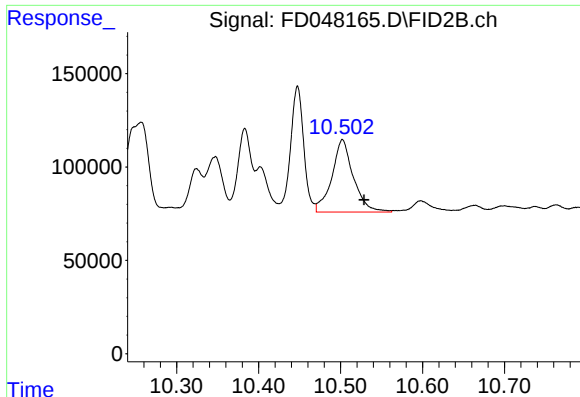
#7 Acenaphthene (C15.5)

R.T.: 8.348 min
Delta R.T.: -0.010 min
Response: 58800
Conc: 0.34 ug/ml



#8 Flouorene (C16.55)

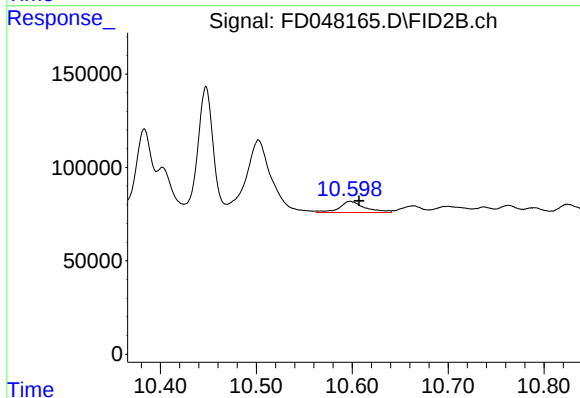
R.T.: 9.143 min
Delta R.T.: 0.001 min
Response: 62946
Conc: 0.39 ug/ml



#9 Phenanthrene (C19.36)

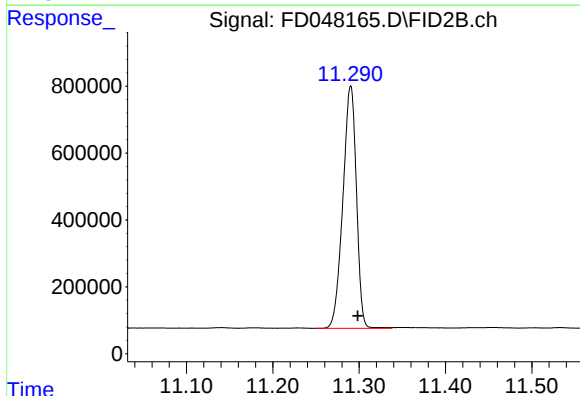
R.T.: 10.502 min
Delta R.T.: -0.026 min
Response: 707483
Conc: 4.45 ug/ml

Instrument :
FID_D
ClientSampleId :



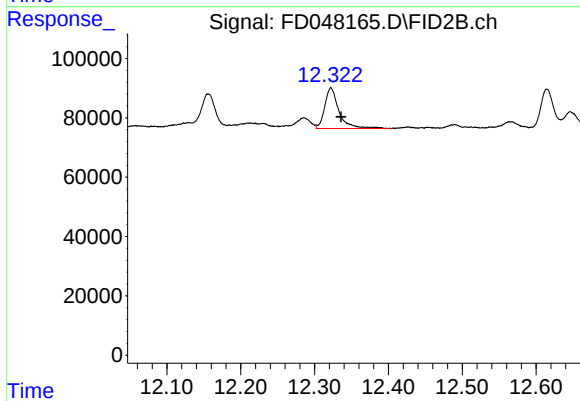
#10 Anthracene (C19.43)

R.T.: 10.598 min
Delta R.T.: -0.009 min
Response: 109527
Conc: 0.69 ug/ml



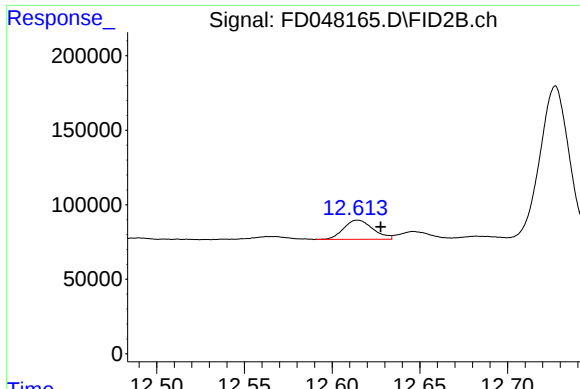
#11 ortho-Terphenyl (SURR)

R.T.: 11.290 min
Delta R.T.: -0.008 min
Response: 7899625
Conc: 47.21 ug/ml



#12 Fluoranthene (C21.85)

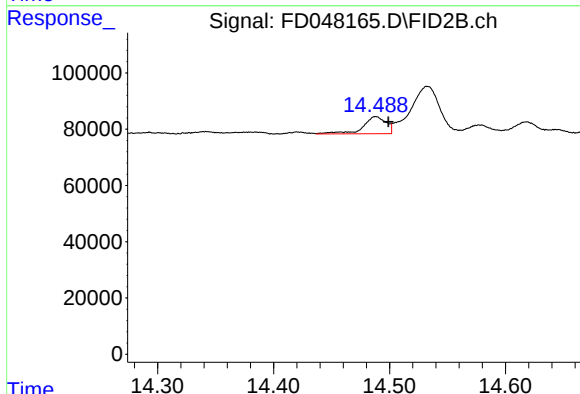
R.T.: 12.322 min
Delta R.T.: -0.014 min
Response: 183937
Conc: 1.16 ug/ml



#13 Pyrene (C20.8)

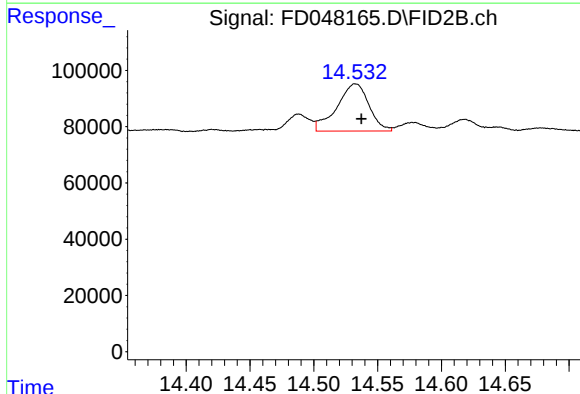
R.T.: 12.615 min
Delta R.T.: -0.013 min
Response: 149634
Conc: 0.95 ug/ml

Instrument :
FID_D
ClientSampleId :



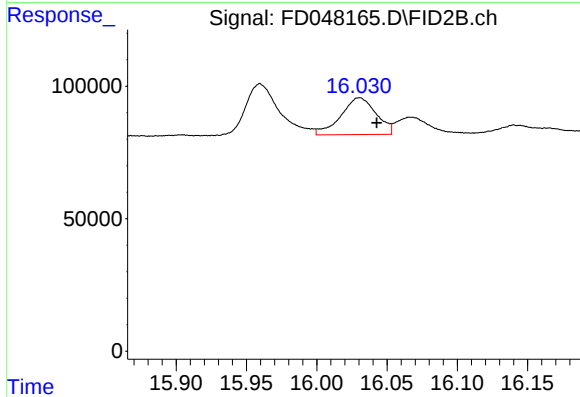
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.488 min
Delta R.T.: -0.011 min
Response: 83457
Conc: 0.61 ug/ml



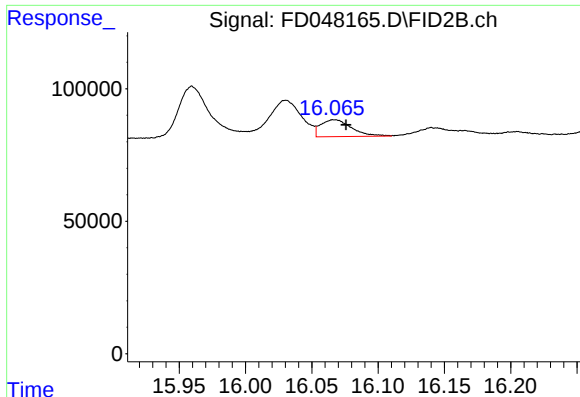
#15 Chrysene (C27.41)

R.T.: 14.533 min
Delta R.T.: -0.005 min
Response: 293410
Conc: 1.82 ug/ml



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

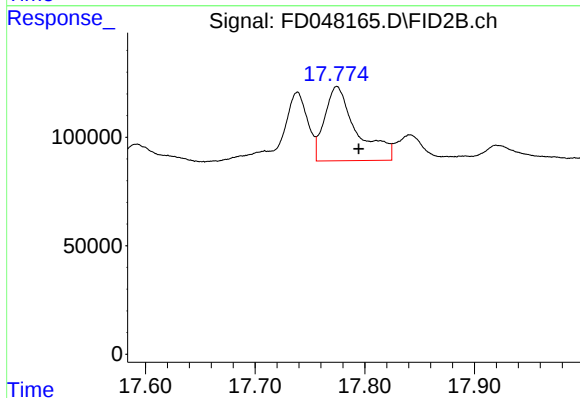
R.T.: 16.030 min
Delta R.T.: -0.012 min
Response: 243576
Conc: 1.69 ug/ml



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

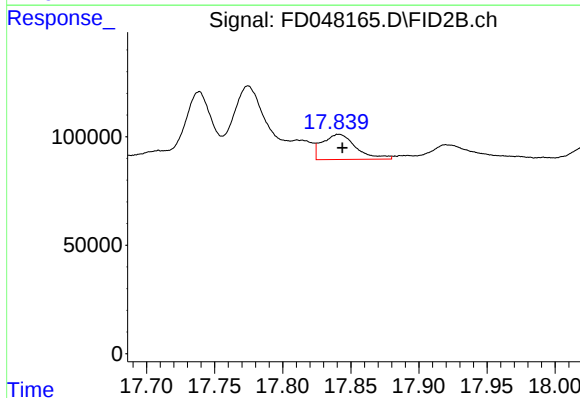
R.T.: 16.067 min
Delta R.T.: -0.009 min
Response: 103582
Conc: 0.69 ug/ml

Instrument :
FID_D
ClientSampleId :



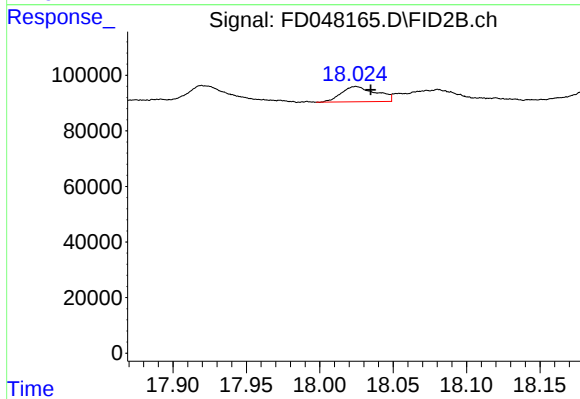
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.775 min
Delta R.T.: -0.020 min
Response: 692210
Conc: 6.14 ug/ml



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

R.T.: 17.841 min
Delta R.T.: -0.003 min
Response: 199834
Conc: 1.37 ug/ml



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

R.T.: 18.025 min
Delta R.T.: -0.010 min
Response: 90691
Conc: 0.62 ug/ml