

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092324AR\
 Data File : FD048376.D
 Signal(s) : FID2B.ch
 Acq On : 23 Sep 2024 12:05
 Operator : YP/AJ
 Sample : P4104-23DL 5X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 24 01:29:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.384	2921027	19.260 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
6) S 2-Fluorobiphenyl (SURR)	8.235	2348444	24.578 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	49.16%
11) S ortho-Terphenyl (SURR)	11.268	1353171	7.887 ug/ml
Spiked Amount 50.000		Recovery =	15.77%
Target Compounds			
2) T Naphthalene (C11.7)	5.722	89488	0.495 ug/ml
3) T 2-Methylnaphthalene (...)	6.773	1058732	5.918 ug/ml
5) T Acenaphthylene (C15.06)	8.036	1021201	5.845 ug/ml
7) T Acenaphthene (C15.5)	8.356	662946	3.727 ug/ml
8) T Fluorene (C16.55)	9.131	699816	4.179 ug/ml
9) T Phenanthrene (C19.36)	10.511	323188	2.002 ug/ml
10) T Anthracene (C19.43)	10.597	304863	1.916 ug/ml
12) T Fluoranthene (C21.85)	12.312	221593	1.367 ug/ml
13) T Pyrene (C20.8)	12.602	136948	0.854 ug/ml
14) T Benzo[a]anthracene (C...	14.521	18424	0.132 ug/ml
15) T Chrysene (C27.41)	14.521	18424	0.112 ug/ml
16) T benzo[b]fluoranthene ...	16.028	27822	0.187 ug/ml
17) T Bnezo[k]fluoranthene ...	16.058	28408	0.184 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.768	53694	0.475 ug/ml
20) T Dibenz[a,h]anthracene...	17.768	53694	0.352 ug/ml
21) T Benzo[g,h,i]perylene ...	18.016	41172	0.279 ug/ml

(f)=RT Delta > 1/2 Window

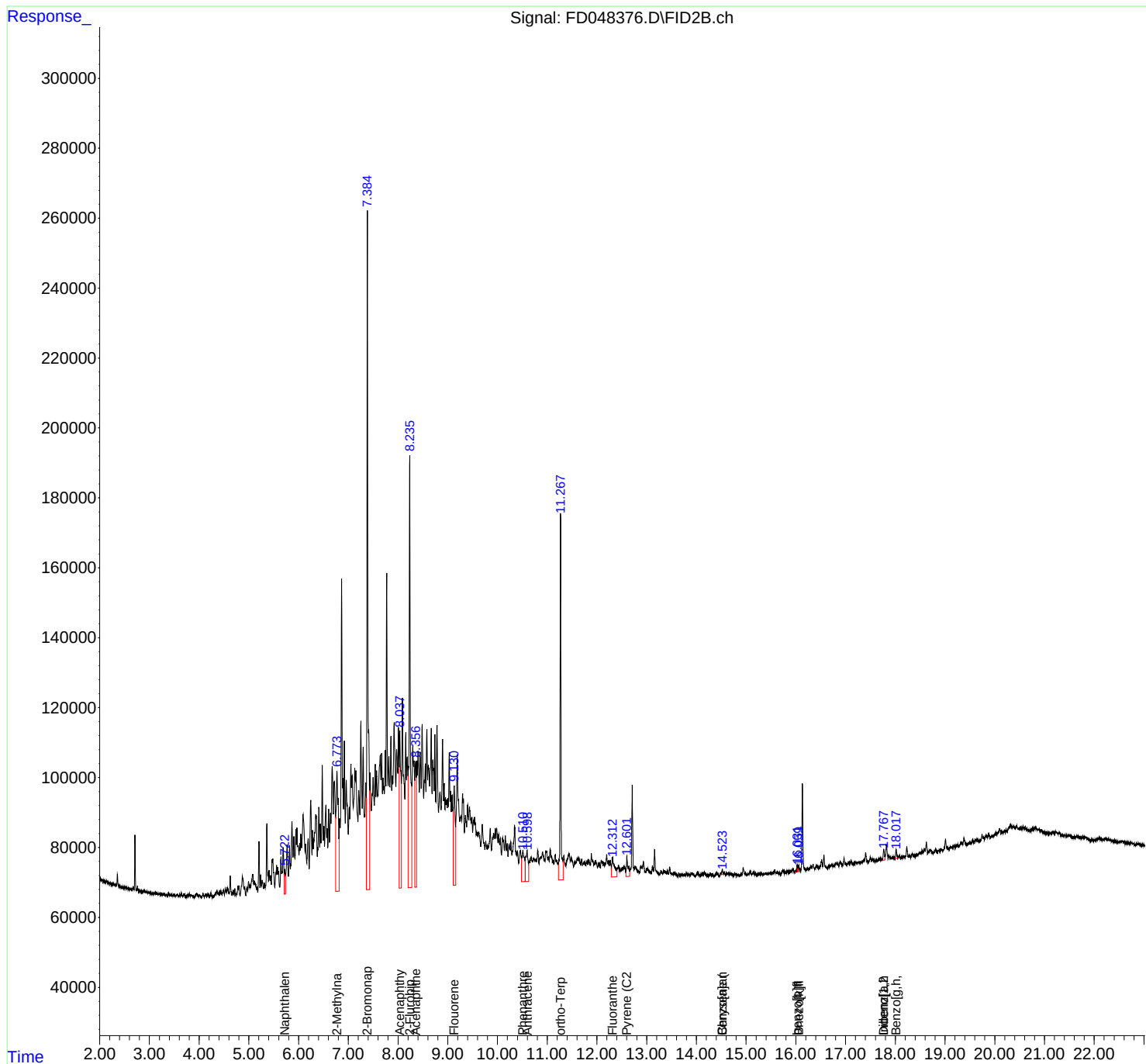
(m)=manual int.

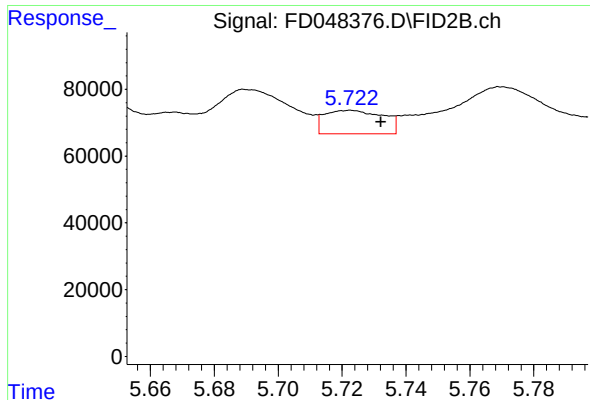
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092324AR\
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
Quant Title : GC Extractables
QLast Update : Fri Sep 06 11:53:01 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

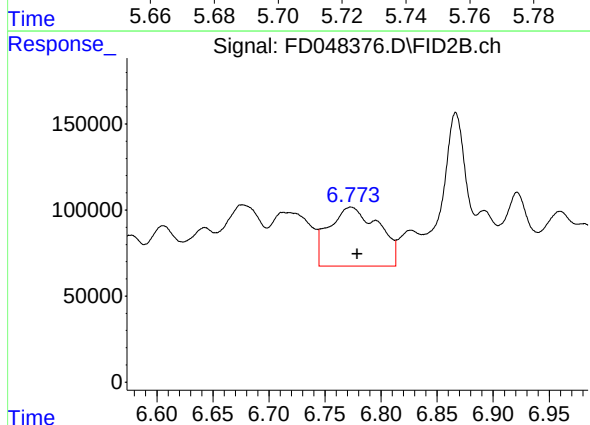




#2 Naphthalene (C11.7)

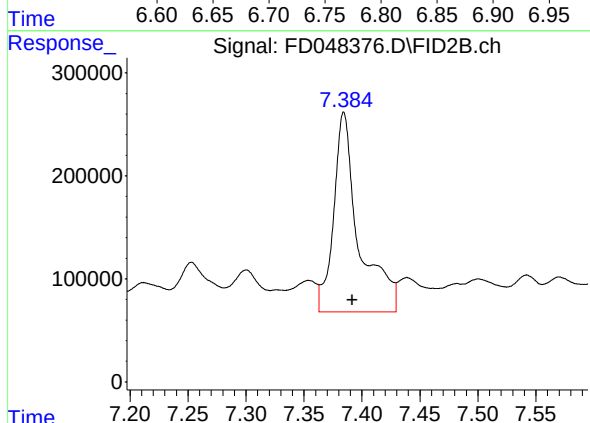
R.T.: 5.722 min
Delta R.T.: -0.010 min
Response: 89488
Conc: 0.49 ug/ml

Instrument :
FID_D
ClientSampleId :



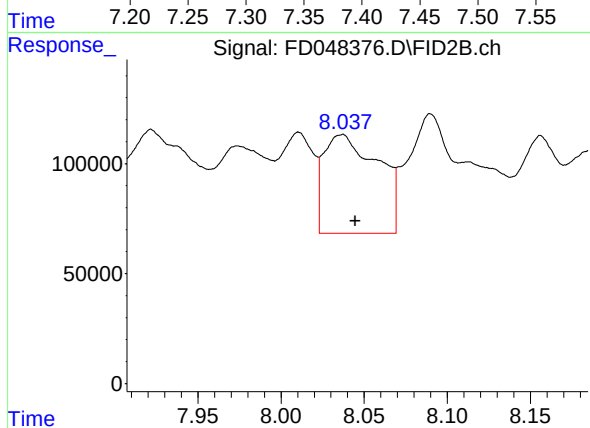
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.773 min
Delta R.T.: -0.006 min
Response: 1058732
Conc: 5.92 ug/ml



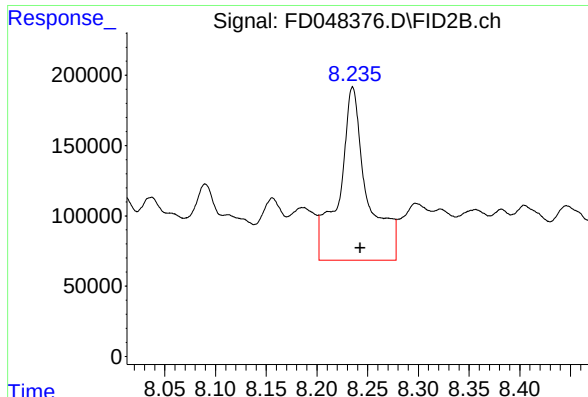
#4 2-Bromonaphthalene (SURR)

R.T.: 7.384 min
Delta R.T.: -0.007 min
Response: 2921027
Conc: 19.26 ug/ml



#5 Acenaphthylene (C15.06)

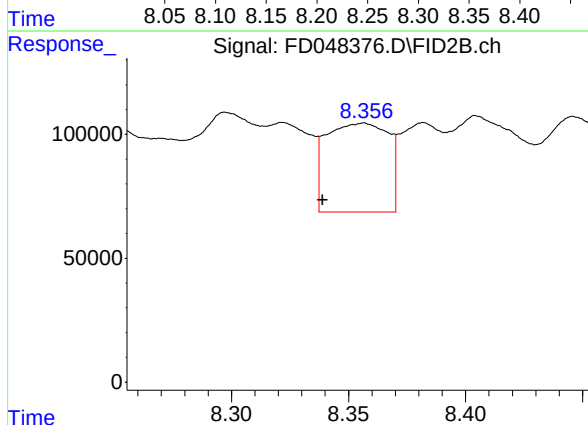
R.T.: 8.036 min
Delta R.T.: -0.008 min
Response: 1021201
Conc: 5.84 ug/ml



#6 2-Fluorobiphenyl (SURR)

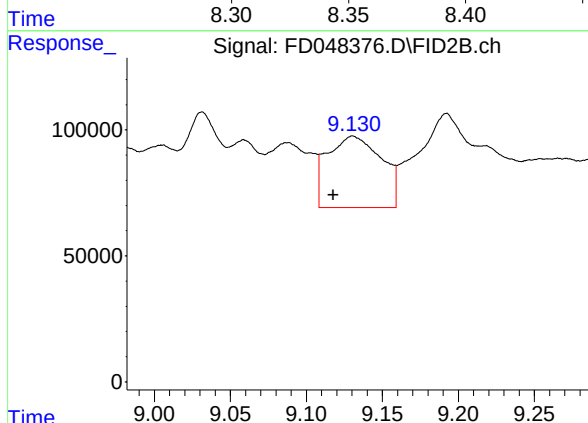
R.T.: 8.235 min
Delta R.T.: -0.007 min
Response: 2348444
Conc: 24.58 ug/ml

Instrument :
FID_D
ClientSampleId :



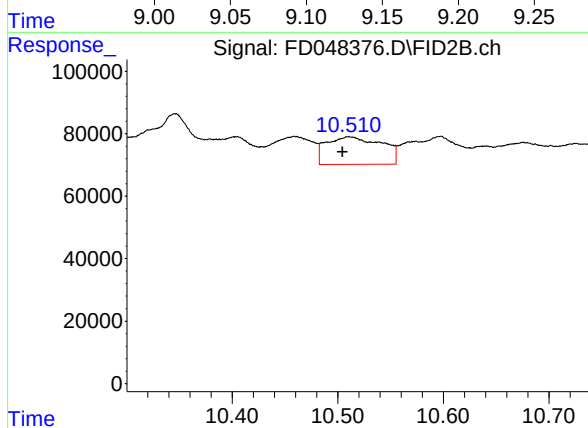
#7 Acenaphthene (C15.5)

R.T.: 8.356 min
Delta R.T.: 0.017 min
Response: 662946
Conc: 3.73 ug/ml



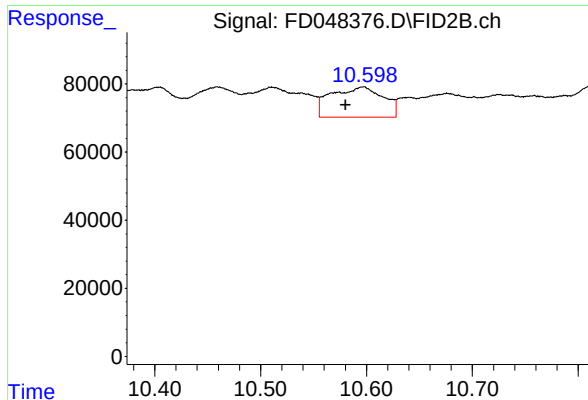
#8 Flouorene (C16.55)

R.T.: 9.131 min
Delta R.T.: 0.013 min
Response: 699816
Conc: 4.18 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.511 min
Delta R.T.: 0.006 min
Response: 323188
Conc: 2.00 ug/ml



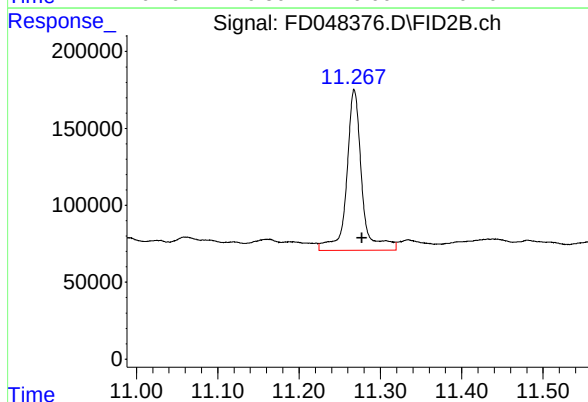
#10 Anthracene (C19.43)

R.T.: 10.597 min
Delta R.T.: 0.016 min
Response: 304863
Conc: 1.92 ug/ml

Instrument :

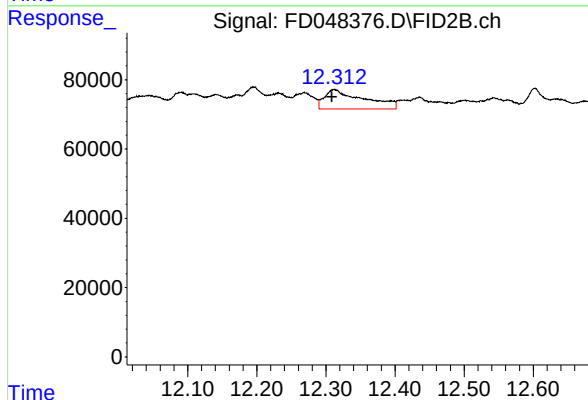
FID_D

ClientSampleId :



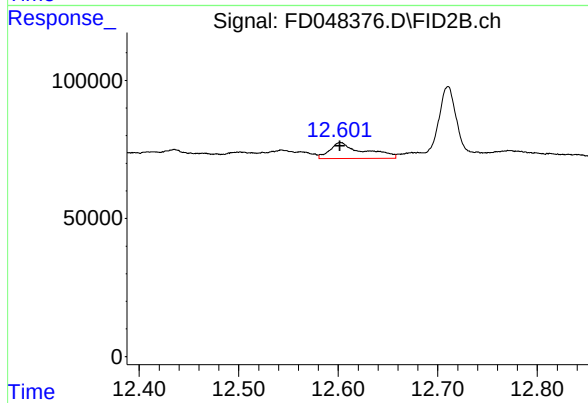
#11 ortho-Terphenyl (SURR)

R.T.: 11.268 min
Delta R.T.: -0.009 min
Response: 1353171
Conc: 7.89 ug/ml



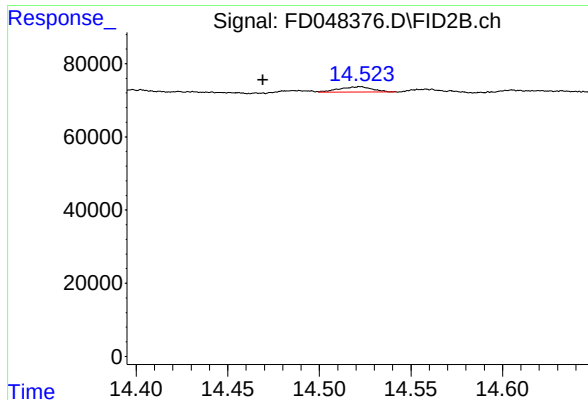
#12 Fluoranthene (C21.85)

R.T.: 12.312 min
Delta R.T.: 0.004 min
Response: 221593
Conc: 1.37 ug/ml



#13 Pyrene (C20.8)

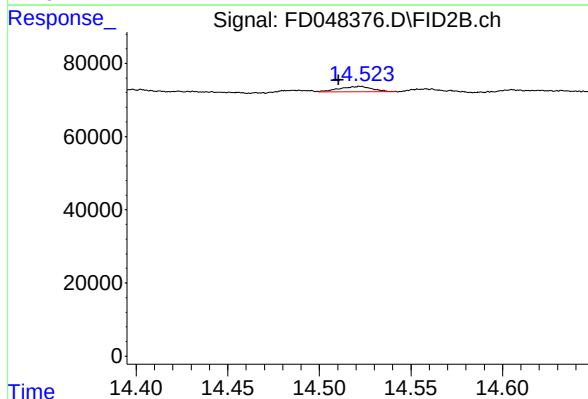
R.T.: 12.602 min
Delta R.T.: 0.000 min
Response: 136948
Conc: 0.85 ug/ml



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

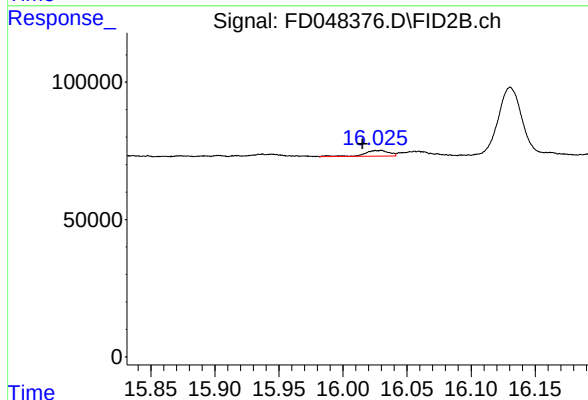
R.T.: 14.521 min
Delta R.T.: 0.052 min
Response: 18424
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



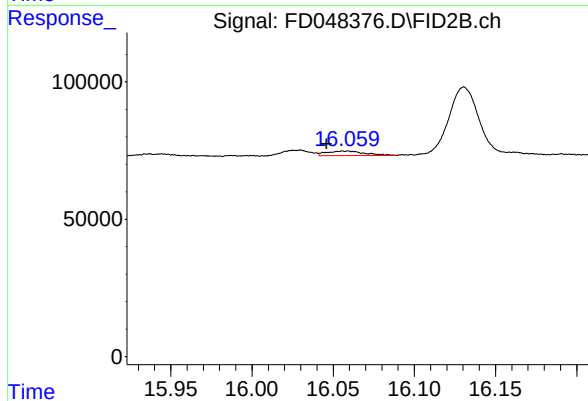
#15 Chrysene (C27.41)

R.T.: 14.521 min
Delta R.T.: 0.011 min
Response: 18424
Conc: 0.11 ug/ml



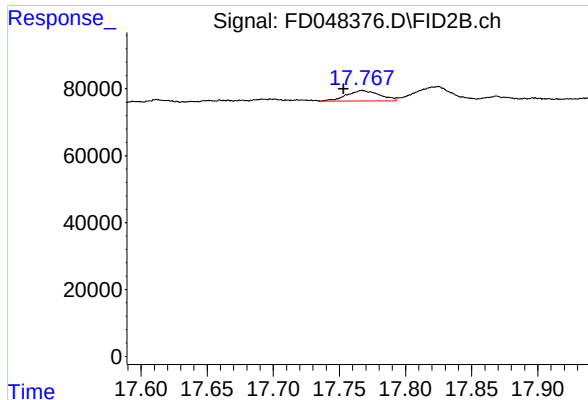
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.028 min
Delta R.T.: 0.012 min
Response: 27822
Conc: 0.19 ug/ml



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

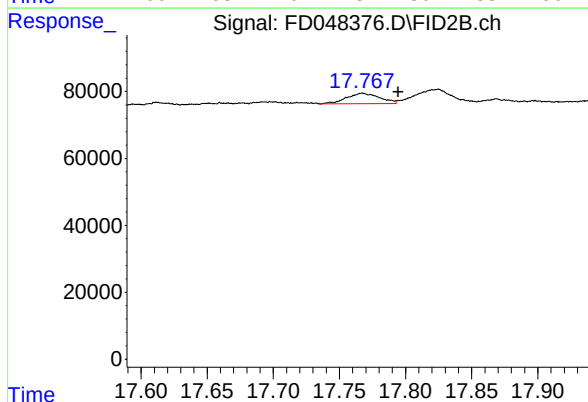
R.T.: 16.058 min
Delta R.T.: 0.011 min
Response: 28408
Conc: 0.18 ug/ml



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

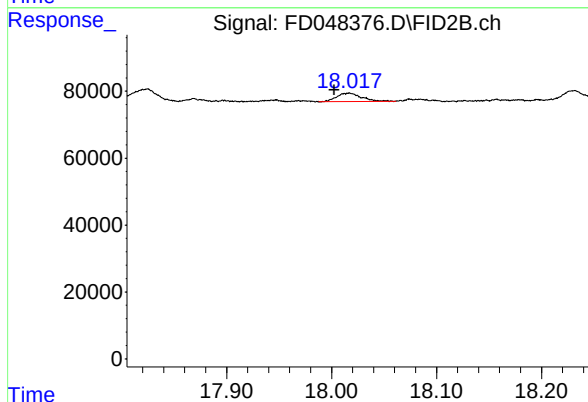
R.T.: 17.768 min
Delta R.T.: 0.014 min
Response: 53694
Conc: 0.48 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.768 min
Delta R.T.: -0.027 min
Response: 53694
Conc: 0.35 ug/ml



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

R.T.: 18.016 min
Delta R.T.: 0.013 min
Response: 41172
Conc: 0.28 ug/ml