

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110123AR\
 Data File : FD046821.D
 Signal(s) : FID2B.ch
 Acq On : 01 Nov 2023 21:07
 Operator : YP/AJ
 Sample : 05197-01
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 02 00:05:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.485	7778252	42.650 ug/ml
Spiked Amount 50.000		Recovery =	85.30%
6) S 2-Fluorobiphenyl (SURR)	8.338	4996826	42.460 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.92%
11) S ortho-Terphenyl (SURR)	11.375	6558400	30.972 ug/ml
Spiked Amount 50.000		Recovery =	61.94%
Target Compounds			
2) T Naphthalene (C11.7)	5.830	42518	0.212 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	64121	0.319 ug/ml
7) T Acenaphthene (C15.5)	8.435	76762	0.392 ug/ml
8) T Flouorene (C16.55)	9.221	87721	0.474 ug/ml
9) T Phenanthrene (C19.36)	10.601	653425	3.673 ug/ml
10) T Anthracene (C19.43)	10.679	125489	0.736 ug/ml
12) T Fluoranthene (C21.85)	12.402	859712	4.978 ug/ml
13) T Pyrene (C20.8)	12.696	681980	4.101 ug/ml
14) T Benzo[a]anthracene (C...	14.559	303717	2.159 ug/ml
15) T Chrysene (C27.41)	14.599	377248	2.419 ug/ml
16) T benzo[b]fluoranthene ...	16.101	378602	2.645 ug/ml
17) T Bnezo[k]fluoranthene ...	16.132	151833	1.037 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	298826	2.132 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	200858	1.590 ug/ml
20) T Dibenz[a,h]anthracene...	17.878	149842	1.073 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	183067	1.311 ug/ml

(f)=RT Delta > 1/2 Window

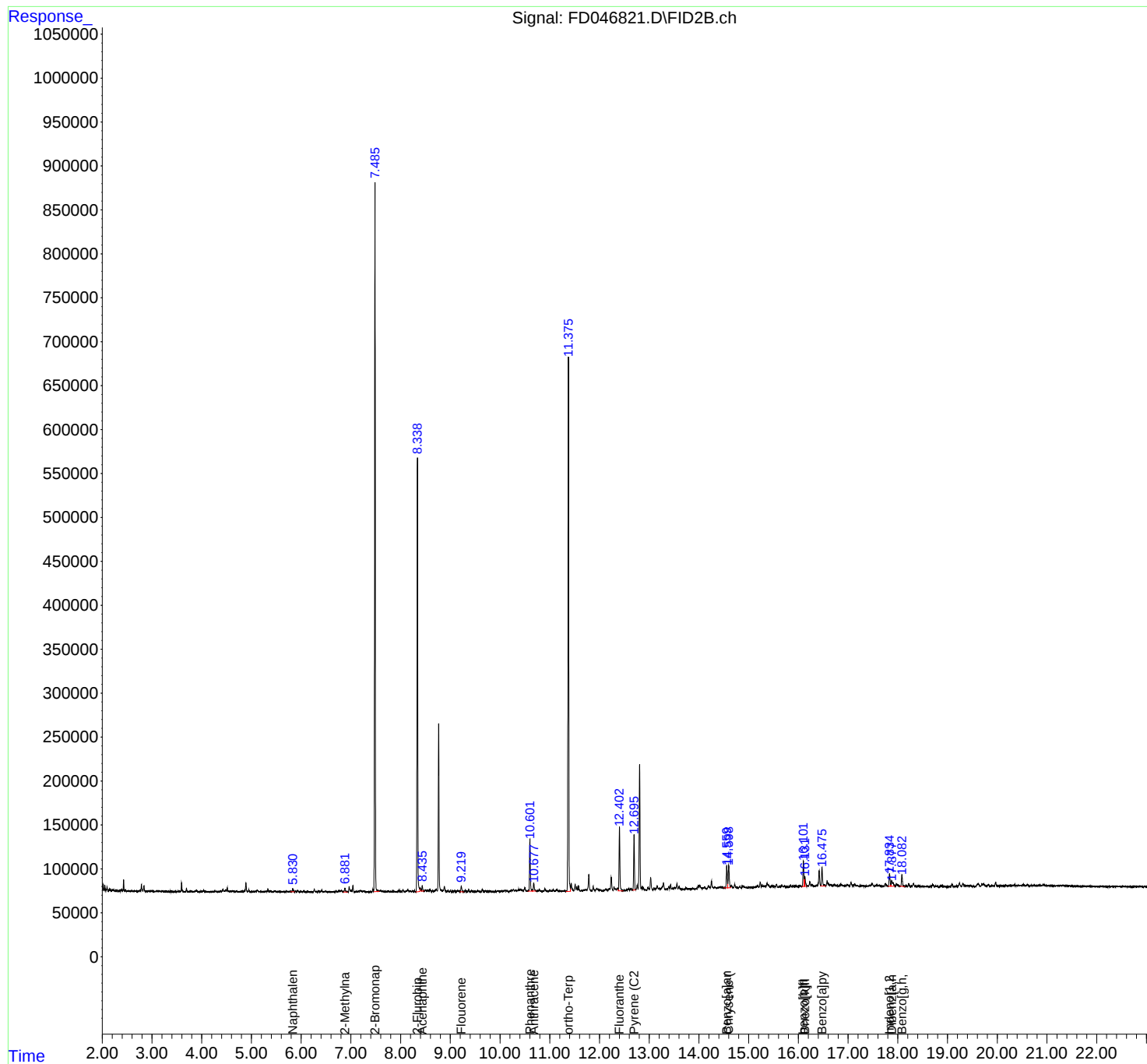
(m)=manual int.

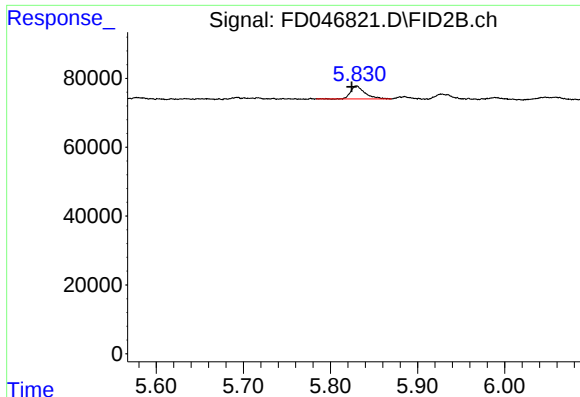
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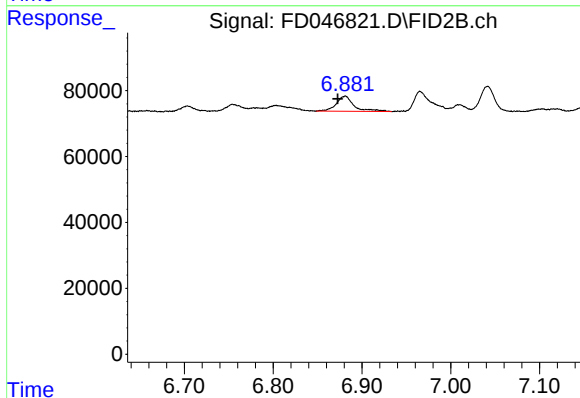




#2 Naphthalene (C11.7)

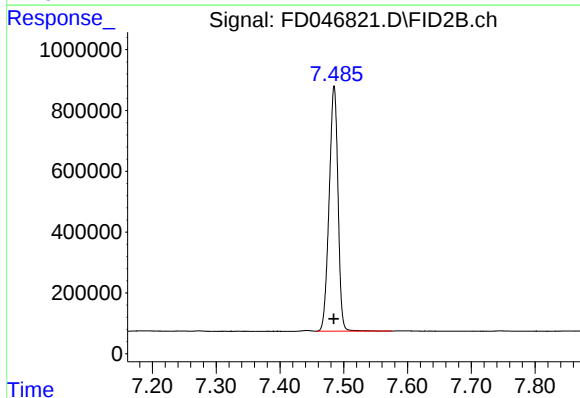
R.T.: 5.830 min
Delta R.T.: 0.006 min
Response: 42518
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



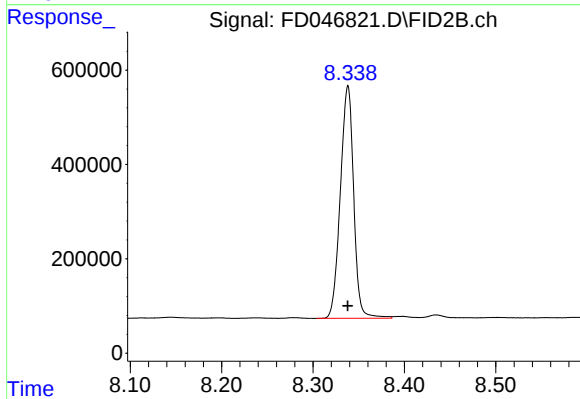
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: 0.008 min
Response: 64121
Conc: 0.32 ug/ml



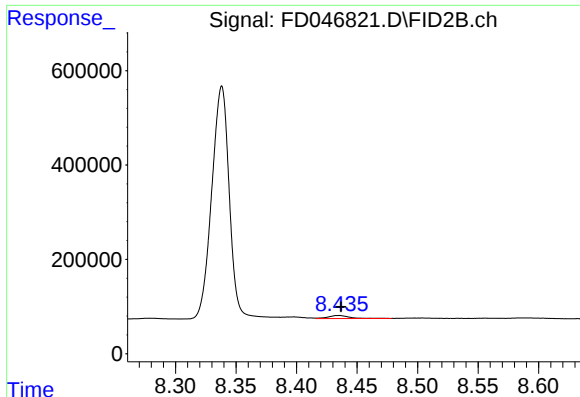
#4 2-Bromonaphthalene (SURR)

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 7778252
Conc: 42.65 ug/ml



#6 2-Fluorobiphenyl (SURR)

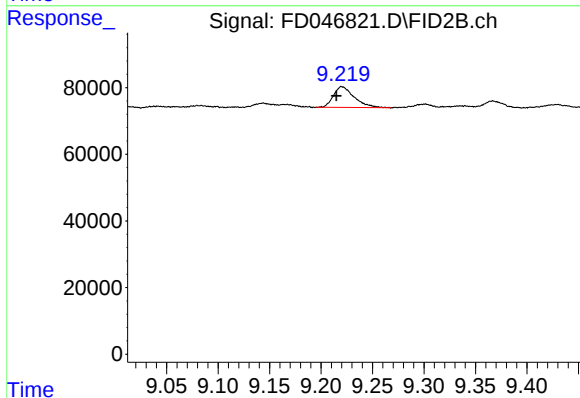
R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 4996826
Conc: 42.46 ug/ml



#7 Acenaphthene (C15.5)

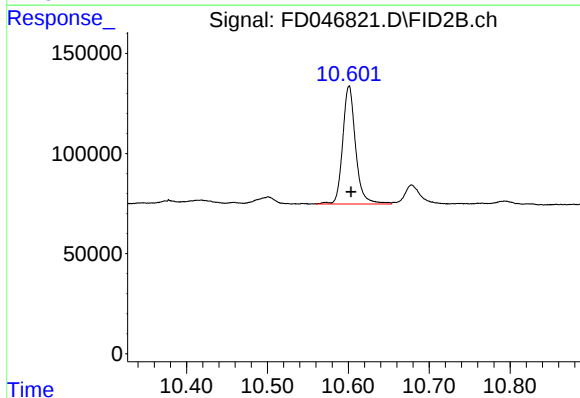
R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 76762
Conc: 0.39 ug/ml

Instrument :
FID_D
ClientSampleId :



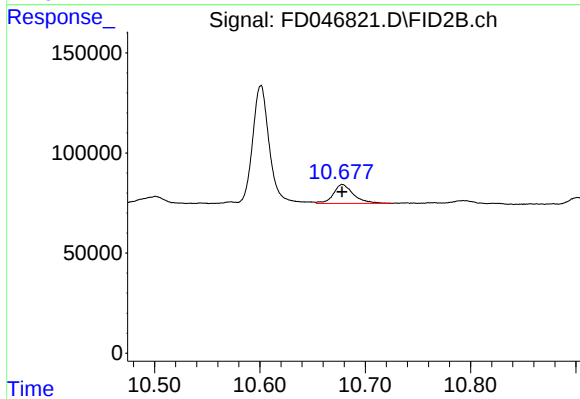
#8 Flouorene (C16.55)

R.T.: 9.221 min
Delta R.T.: 0.006 min
Response: 87721
Conc: 0.47 ug/ml



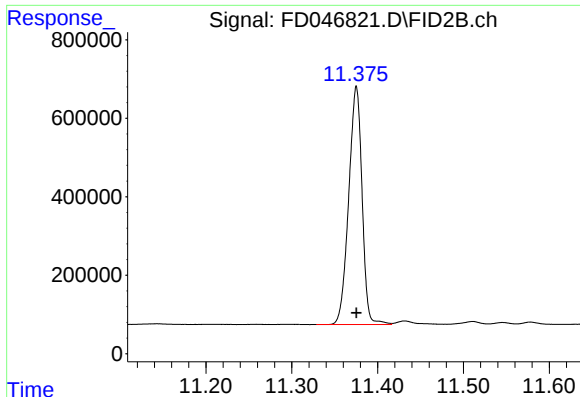
#9 Phenanthrene (C19.36)

R.T.: 10.601 min
Delta R.T.: -0.002 min
Response: 653425
Conc: 3.67 ug/ml



#10 Anthracene (C19.43)

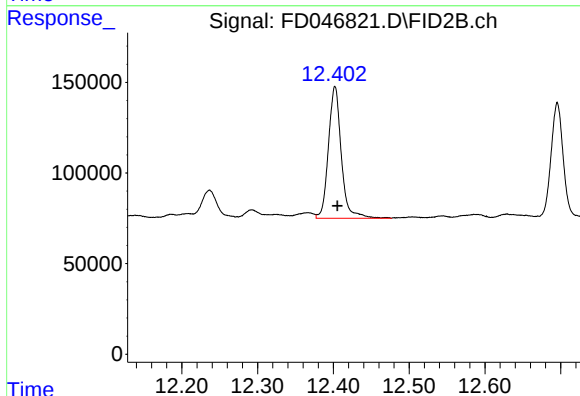
R.T.: 10.679 min
Delta R.T.: 0.000 min
Response: 125489
Conc: 0.74 ug/ml



#11 ortho-Terphenyl (SURR)

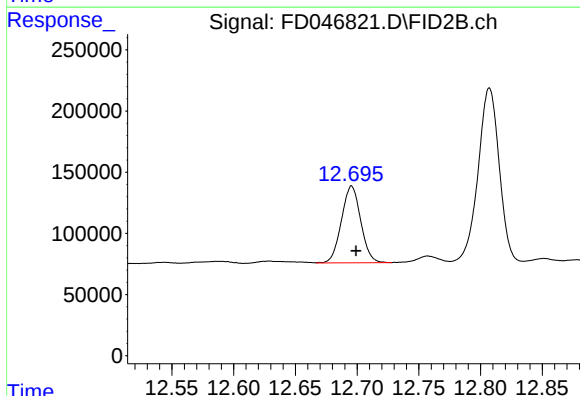
R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 6558400
Conc: 30.97 ug/ml

Instrument :
FID_D
ClientSampleId :



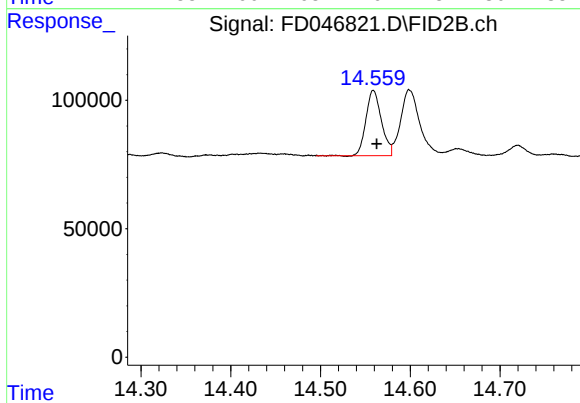
#12 Fluoranthene (C21.85)

R.T.: 12.402 min
Delta R.T.: -0.004 min
Response: 859712
Conc: 4.98 ug/ml



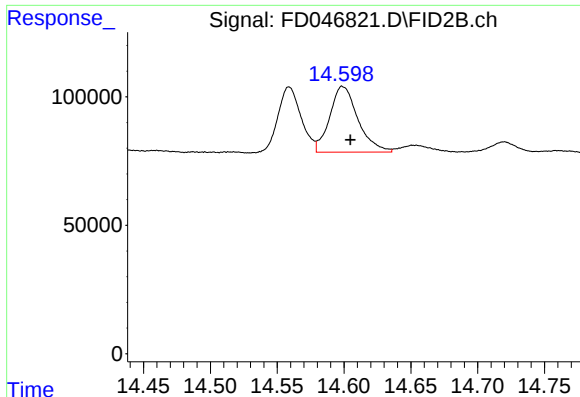
#13 Pyrene (C20.8)

R.T.: 12.696 min
Delta R.T.: -0.004 min
Response: 681980
Conc: 4.10 ug/ml



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

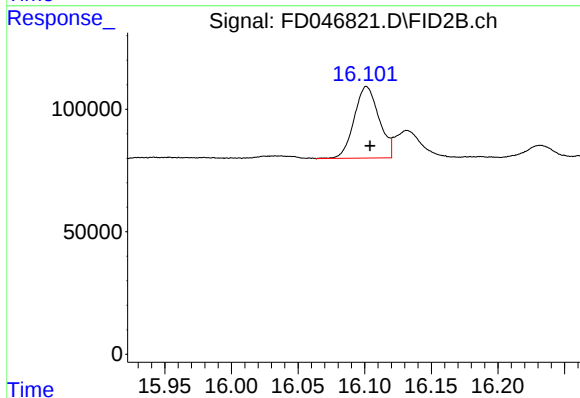
R.T.: 14.559 min
Delta R.T.: -0.004 min
Response: 303717
Conc: 2.16 ug/ml



#15 Chrysene (C27.41)

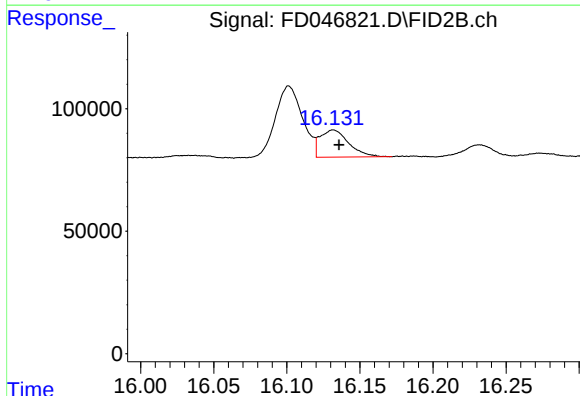
R.T.: 14.599 min
Delta R.T.: -0.006 min
Response: 377248
Conc: 2.42 ug/ml

Instrument :
FID_D
ClientSampleId :



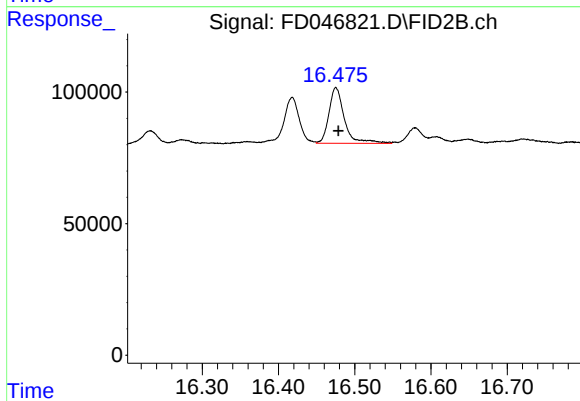
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.101 min
Delta R.T.: -0.002 min
Response: 378602
Conc: 2.65 ug/ml



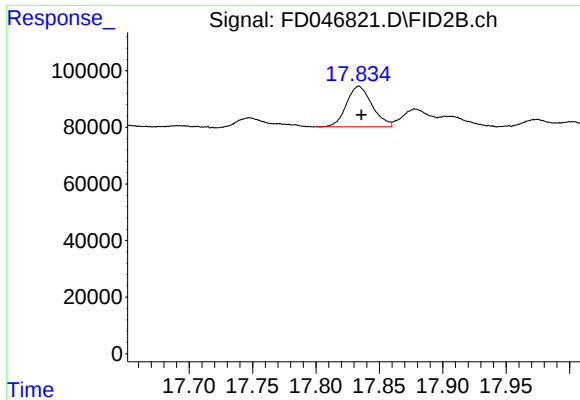
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.132 min
Delta R.T.: -0.004 min
Response: 151833
Conc: 1.04 ug/ml



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

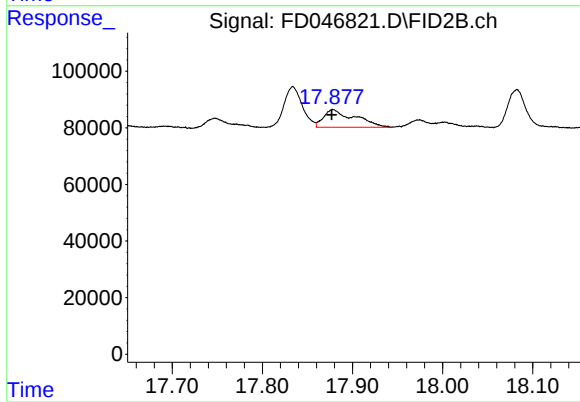
R.T.: 16.475 min
Delta R.T.: -0.003 min
Response: 298826
Conc: 2.13 ug/ml



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

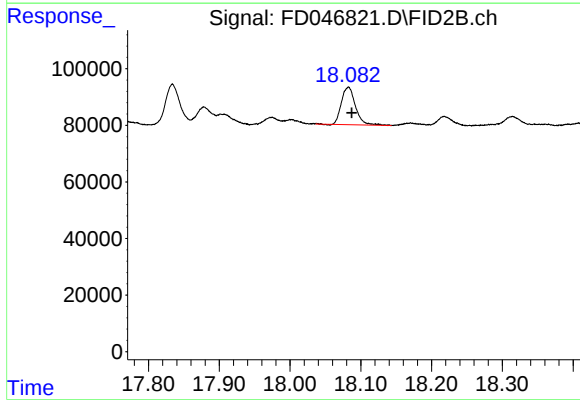
R.T.: 17.834 min
Delta R.T.: -0.002 min
Response: 200858
Conc: 1.59 ug/ml

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

R.T.: 17.878 min
Delta R.T.: 0.001 min
Response: 149842
Conc: 1.07 ug/ml



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

R.T.: 18.082 min
Delta R.T.: -0.005 min
Response: 183067
Conc: 1.31 ug/ml