

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046847.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2023 22:32
 Operator : YP/AJ
 Sample : 05251-03
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 07 23:29:19 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...	7.484	7558077	41.443 ug/ml
Spiked Amount 50.000		Recovery =	82.89%
6) S 2-Fluorobiphenyl (SURR)	8.337	4081313	34.681 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.36%
11) S ortho-Terphenyl (SURR)	11.377	8677914	40.981 ug/ml
Spiked Amount 50.000		Recovery =	81.96%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.882	91067	0.453 ug/ml
5) T Acenaphthylene (C15.06)	8.141	49021	0.267 ug/ml
7) T Acenaphthene (C15.5)	8.396	32788	0.167 ug/ml
8) T Flouorene (C16.55)	9.225	51204	0.277 ug/ml
9) T Phenanthrene (C19.36)	10.601	212416	1.194 ug/ml
10) T Anthracene (C19.43)	10.677	45311	0.266 ug/ml
12) T Fluoranthene (C21.85)	12.401	415413	2.405 ug/ml
13) T Pyrene (C20.8)	12.695	356896	2.146 ug/ml
14) T Benzo[a]anthracene (C...	14.558	172422	1.226 ug/ml
15) T Chrysene (C27.41)	14.599	258367	1.657 ug/ml
16) T benzo[b]fluoranthene ...	16.100	263658	1.842 ug/ml
17) T Bnezo[k]fluoranthene ...	16.130	120072	0.820 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	187367	1.337 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	339253	2.685 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	104278	0.746 ug/ml
21) T Benzo[g,h,i]perylene ...	18.080	134199	0.961 ug/ml

(f)=RT Delta > 1/2 Window

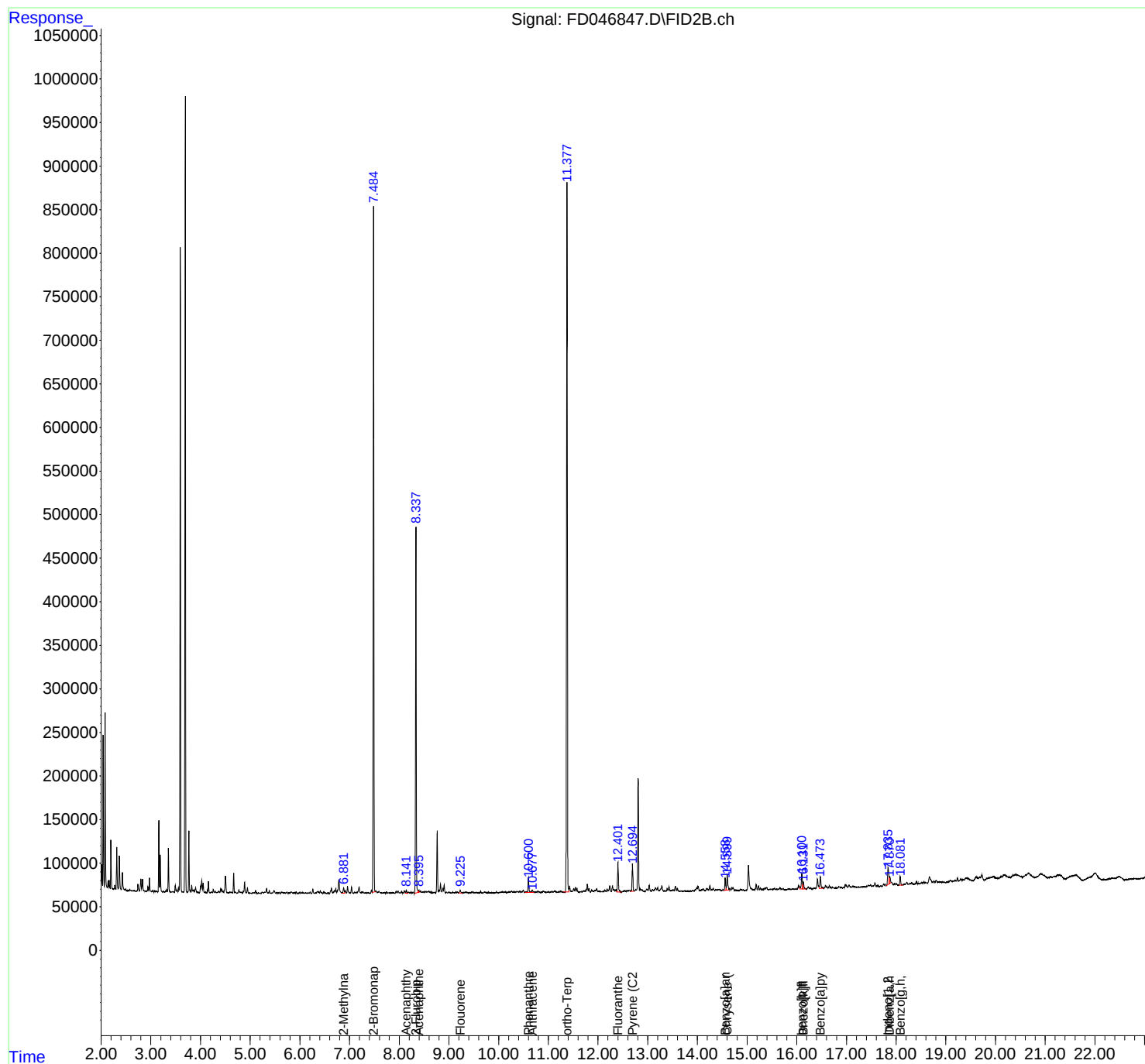
(m)=manual int.

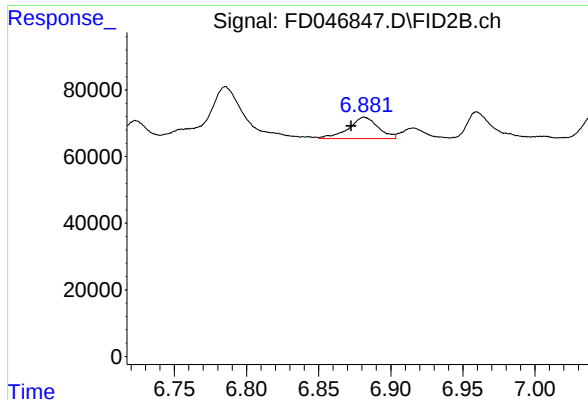
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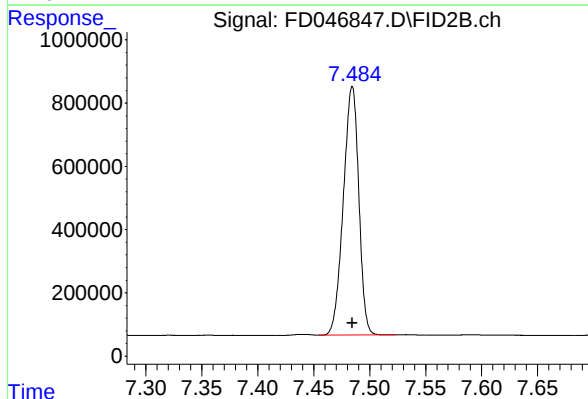




#3 2-Methylnaphthalene (C12.89)

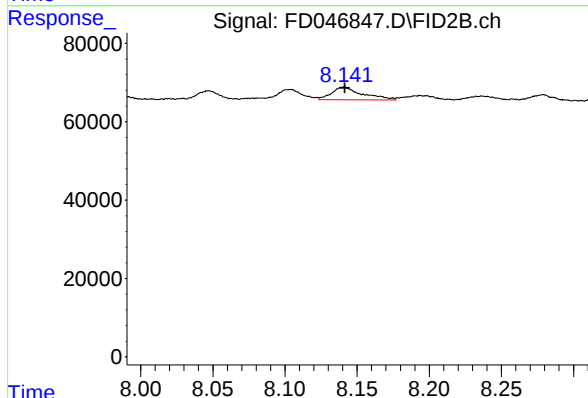
R.T.: 6.882 min
Delta R.T.: 0.009 min
Response: 91067
Conc: 0.45 ug/ml

Instrument :
FID_D
ClientSampleId :



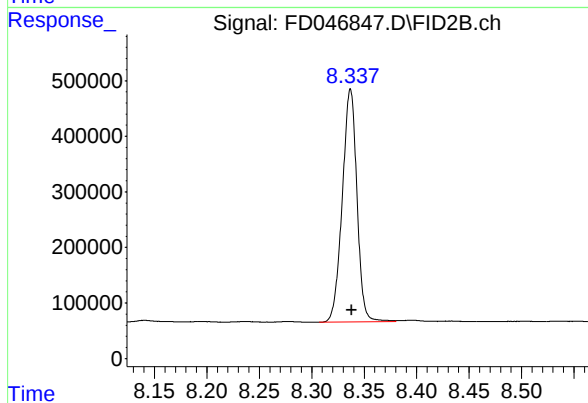
#4 2-Bromonaphthalene (SURR)

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 7558077
Conc: 41.44 ug/ml



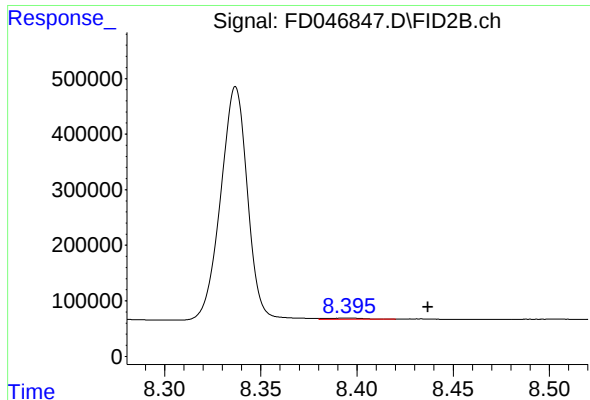
#5 Acenaphthylene (C15.06)

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 49021
Conc: 0.27 ug/ml



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: -0.001 min
Response: 4081313
Conc: 34.68 ug/ml



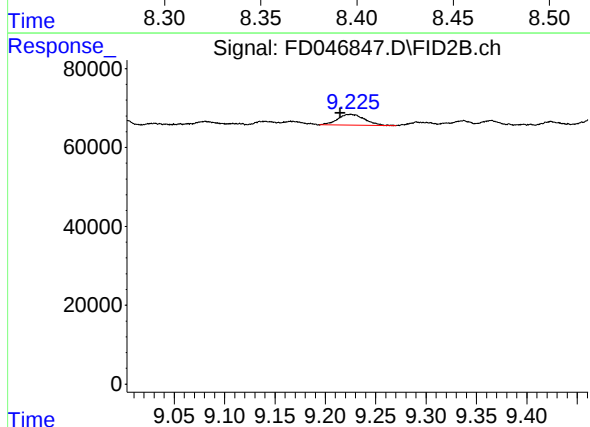
#7 Acenaphthene (C15.5)

R.T.: 8.396 min
Delta R.T.: -0.041 min
Response: 32788
Conc: 0.17 ug/ml

Instrument :

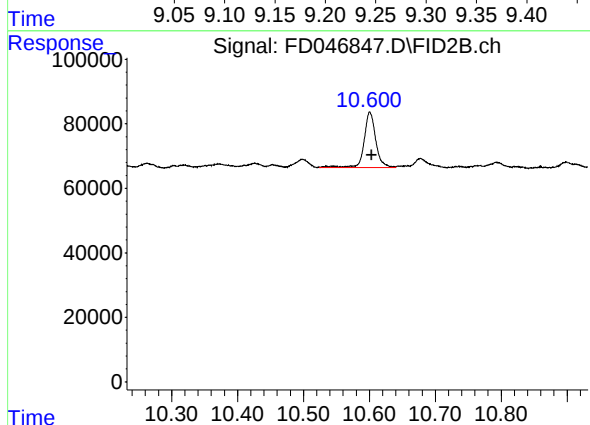
FID_D

ClientSampleId :



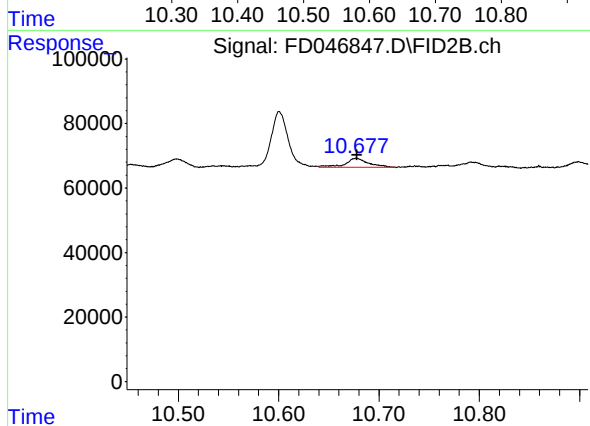
#8 Flouorene (C16.55)

R.T.: 9.225 min
Delta R.T.: 0.010 min
Response: 51204
Conc: 0.28 ug/ml



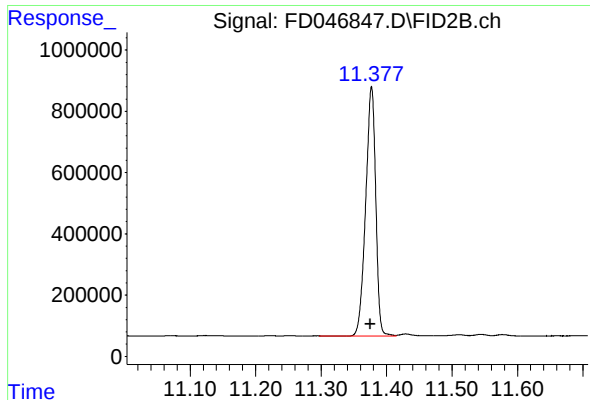
#9 Phenanthrene (C19.36)

R.T.: 10.601 min
Delta R.T.: -0.002 min
Response: 212416
Conc: 1.19 ug/ml



#10 Anthracene (C19.43)

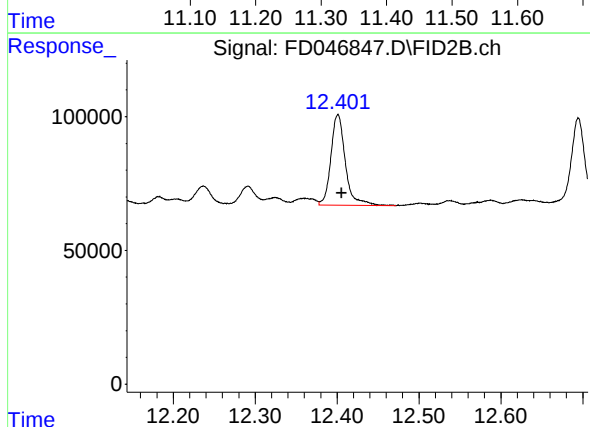
R.T.: 10.677 min
Delta R.T.: 0.000 min
Response: 45311
Conc: 0.27 ug/ml



#11 ortho-Terphenyl (SURR)

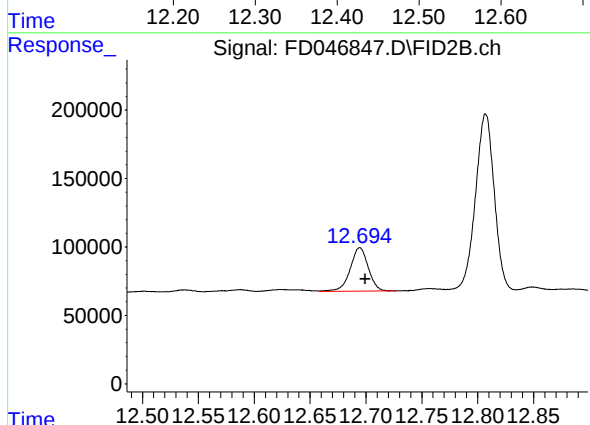
R.T.: 11.377 min
Delta R.T.: 0.002 min
Response: 8677914
Conc: 40.98 ug/ml

Instrument :
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ClientSampleId :



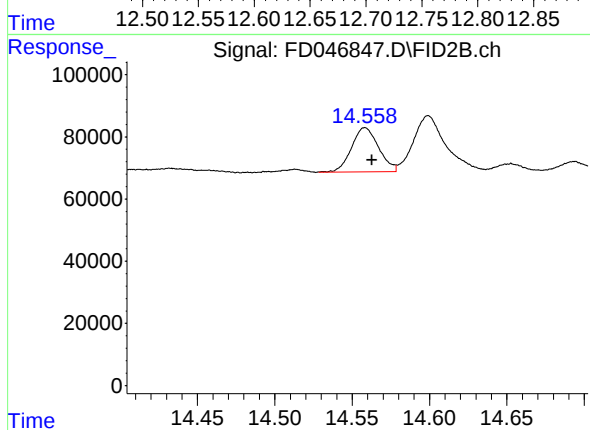
#12 Fluoranthene (C21.85)

R.T.: 12.401 min
Delta R.T.: -0.005 min
Response: 415413
Conc: 2.41 ug/ml



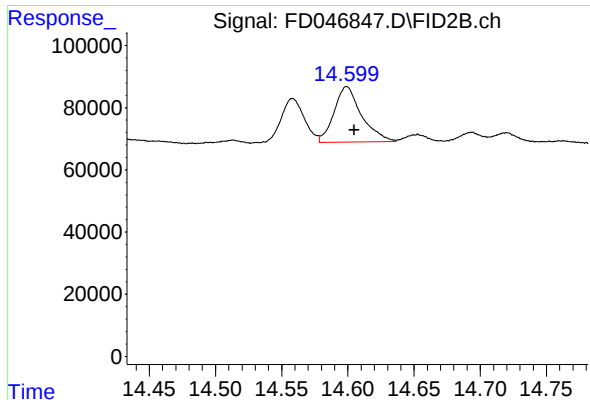
#13 Pyrene (C20.8)

R.T.: 12.695 min
Delta R.T.: -0.005 min
Response: 356896
Conc: 2.15 ug/ml



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

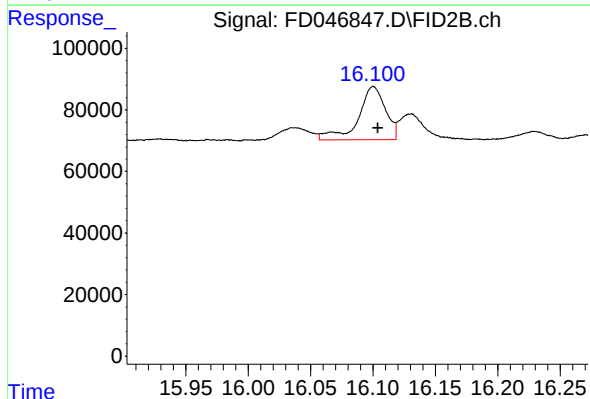
R.T.: 14.558 min
Delta R.T.: -0.004 min
Response: 172422
Conc: 1.23 ug/ml



#15 Chrysene (C27.41)

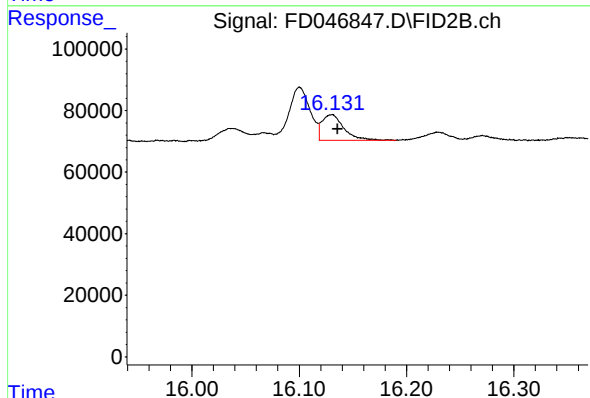
R.T.: 14.599 min
Delta R.T.: -0.006 min
Response: 258367
Conc: 1.66 ug/ml

Instrument :
FID_D
ClientSampleId :



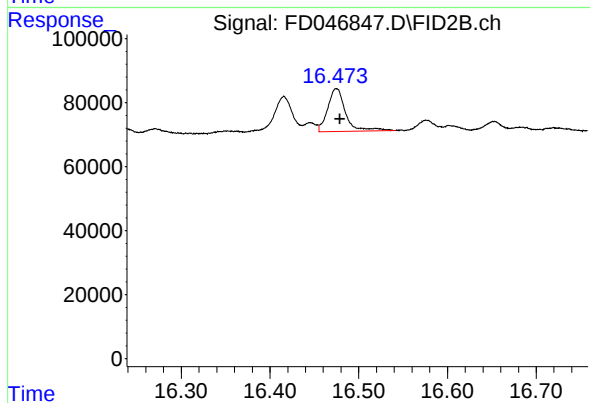
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.100 min
Delta R.T.: -0.004 min
Response: 263658
Conc: 1.84 ug/ml



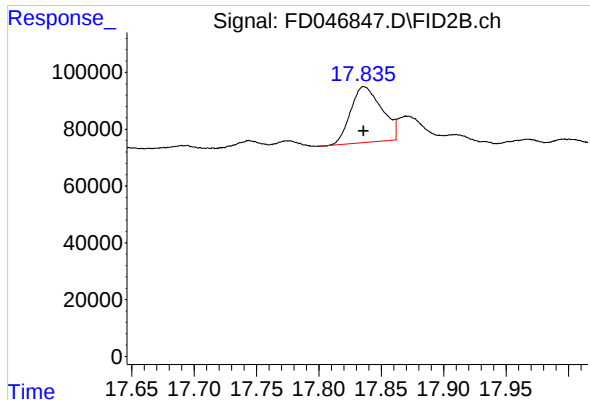
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.130 min
Delta R.T.: -0.006 min
Response: 120072
Conc: 0.82 ug/ml



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

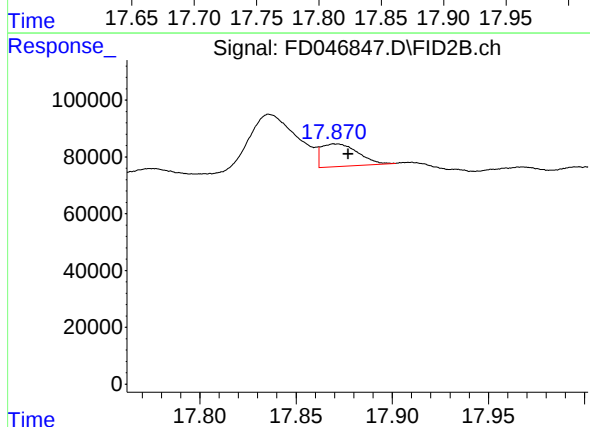
R.T.: 16.475 min
Delta R.T.: -0.004 min
Response: 187367
Conc: 1.34 ug/ml



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

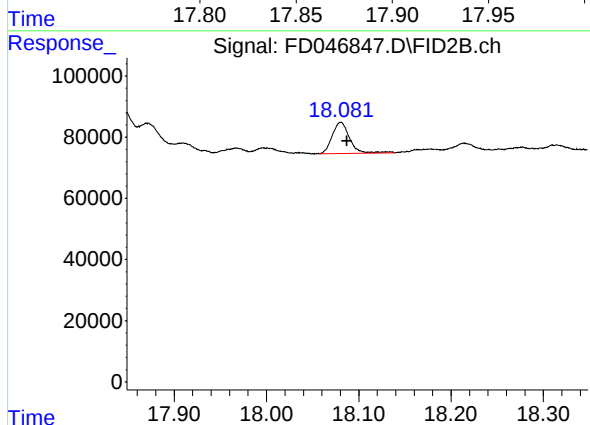
R.T.: 17.837 min
Delta R.T.: 0.000 min
Response: 339253
Conc: 2.69 ug/ml

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

R.T.: 17.871 min
Delta R.T.: -0.006 min
Response: 104278
Conc: 0.75 ug/ml



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

R.T.: 18.080 min
Delta R.T.: -0.007 min
Response: 134199
Conc: 0.96 ug/ml