

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100623AR\
 Data File : FD046677.D
 Signal(s) : FID2B.ch
 Acq On : 06 Oct 2023 18:53
 Operator : YP/AJ
 Sample : 04733-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 07 02:39:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.490	8332977	47.286 ug/ml
Spiked Amount 50.000		Recovery =	94.57%
6) S 2-Fluorobiphenyl (SURR)	8.343	5544270	47.854 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.71%
11) S ortho-Terphenyl (SURR)	11.382	7748156	38.032 ug/ml
Spiked Amount 50.000		Recovery =	76.06%
Target Compounds			
2) T Naphthalene (C11.7)	5.829	76877	0.398 ug/ml
3) T 2-Methylnaphthalene (...)	6.880	333329	1.720 ug/ml
5) T Acenaphthylene (C15.06)	8.146	149772	0.849 ug/ml
7) T Acenaphthene (C15.5)	8.438	163438	0.870 ug/ml
8) T Fluorene (C16.55)	9.216	193257	1.071 ug/ml
9) T Phenanthrene (C19.36)	10.605	578866	3.292 ug/ml
10) T Anthracene (C19.43)	10.680	251140	1.635 ug/ml
12) T Fluoranthene (C21.85)	12.407	831654	4.879 ug/ml
13) T Pyrene (C20.8)	12.700	679047	4.139 ug/ml
14) T Benzo[a]anthracene (C...	14.563	380939	2.728 ug/ml
15) T Chrysene (C27.41)	14.604	414965	2.734 ug/ml
16) T benzo[b]fluoranthene ...	16.106	438172	3.194 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	198141	1.430 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	316138	2.363 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	323130	2.578 ug/ml
20) T Dibenz[a,h]anthracene...	17.878	175865	1.322 ug/ml
21) T Benzo[g,h,i]perylene ...	18.086	201906	1.531 ug/ml

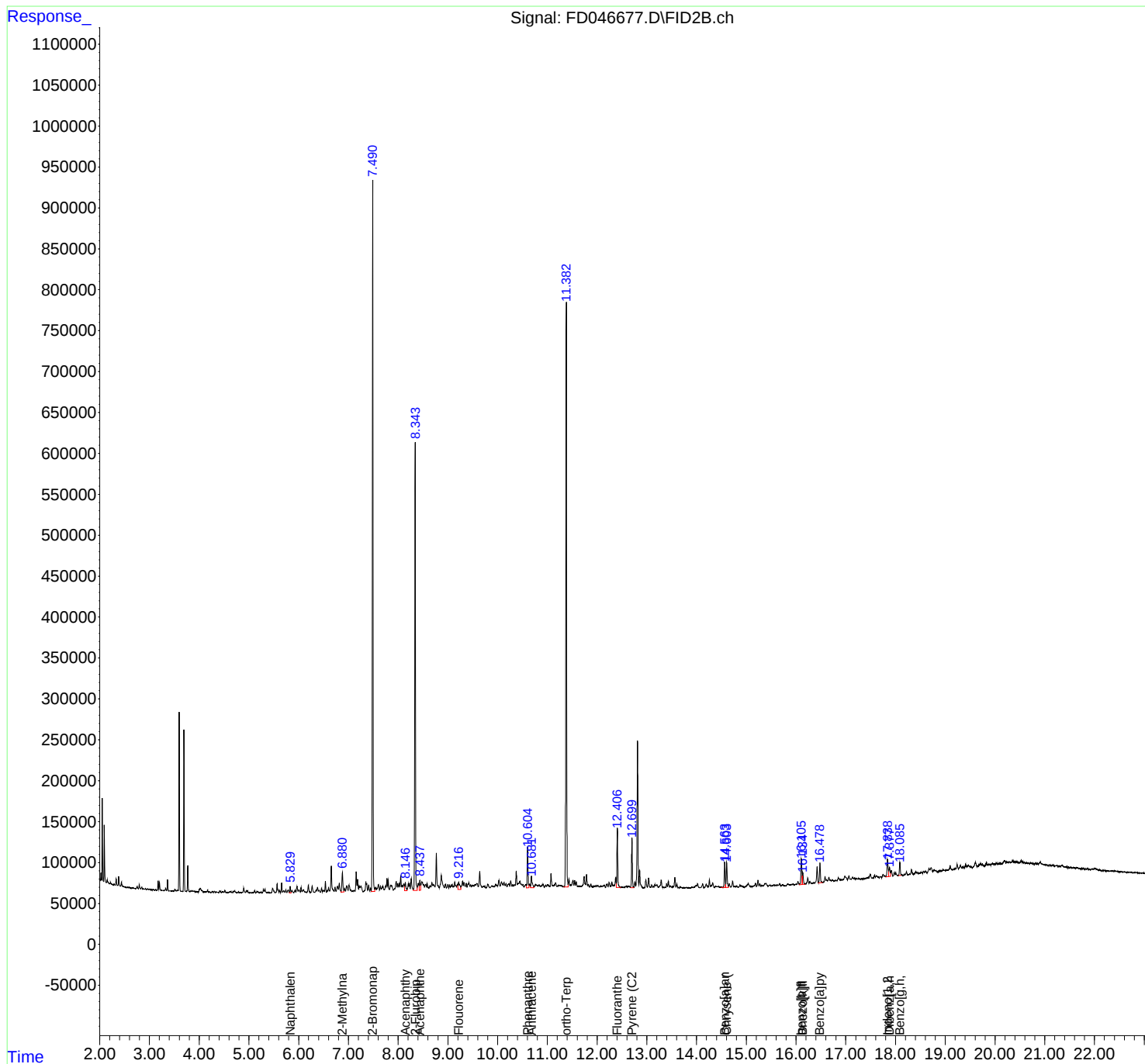
(f)=RT Delta > 1/2 Window

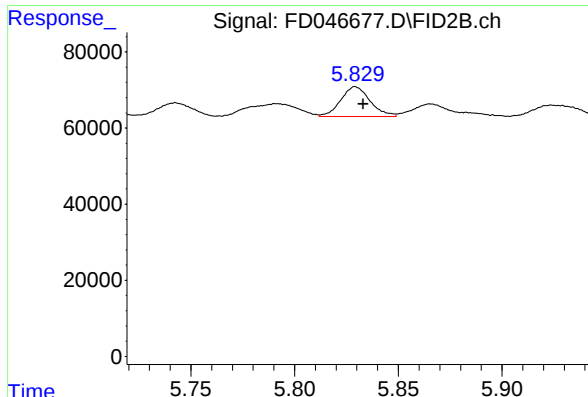
(m)=manual int.

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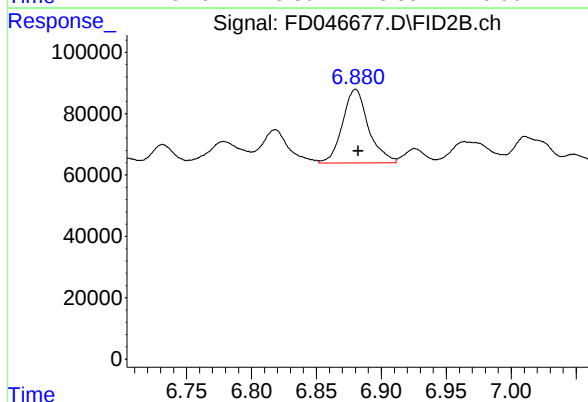
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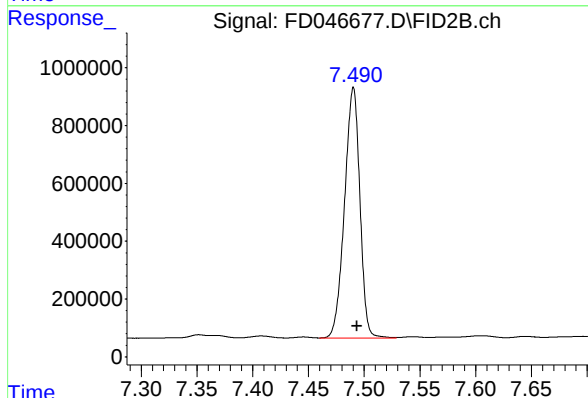
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 76877
Conc: 0.40 ug/ml



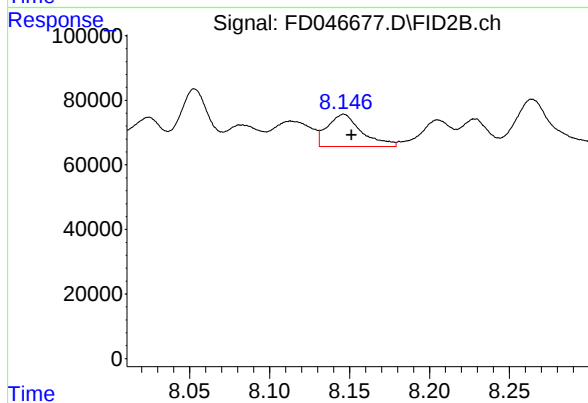
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 333329
Conc: 1.72 ug/ml



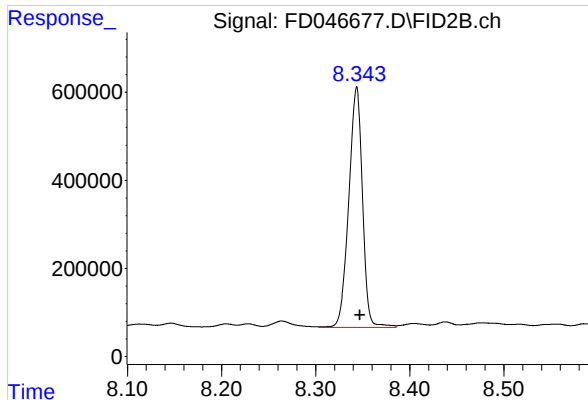
#4 2-Bromonaphthalene (SURR)

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 8332977
Conc: 47.29 ug/ml



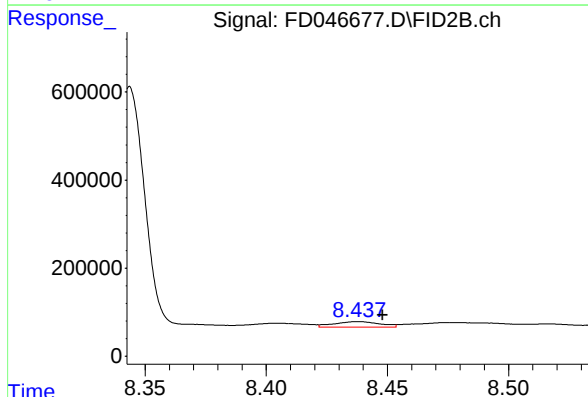
#5 Acenaphthylene (C15.06)

R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 149772
Conc: 0.85 ug/ml



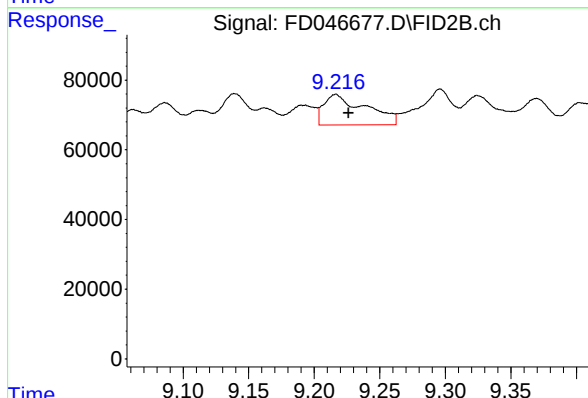
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: -0.004 min
Response: 5544270
Conc: 47.85 ug/ml



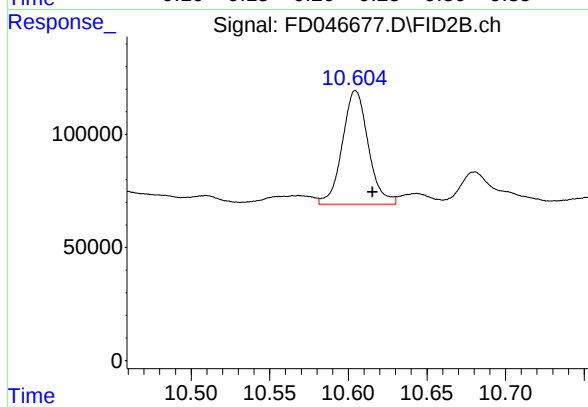
#7 Acenaphthene (C15.5)

R.T.: 8.438 min
Delta R.T.: -0.010 min
Response: 163438
Conc: 0.87 ug/ml



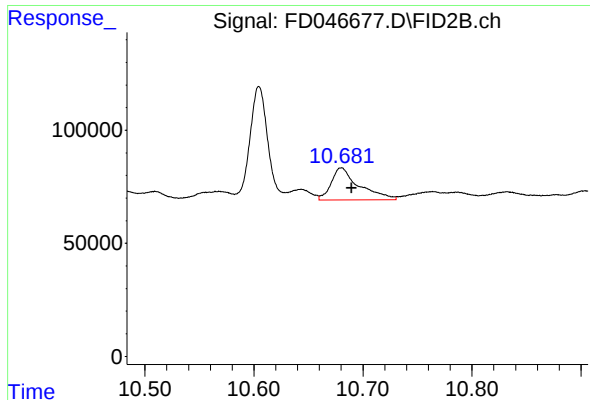
#8 Flouorene (C16.55)

R.T.: 9.216 min
Delta R.T.: -0.010 min
Response: 193257
Conc: 1.07 ug/ml



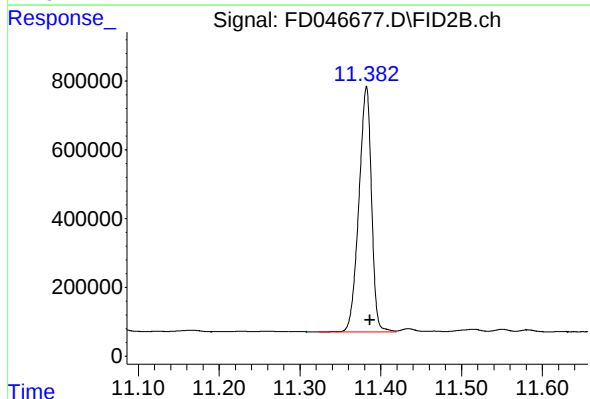
#9 Phenanthrene (C19.36)

R.T.: 10.605 min
Delta R.T.: -0.011 min
Response: 578866
Conc: 3.29 ug/ml



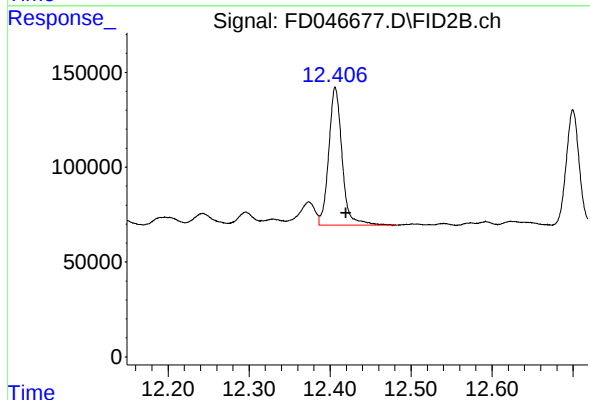
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: -0.009 min
Response: 251140
Conc: 1.64 ug/ml



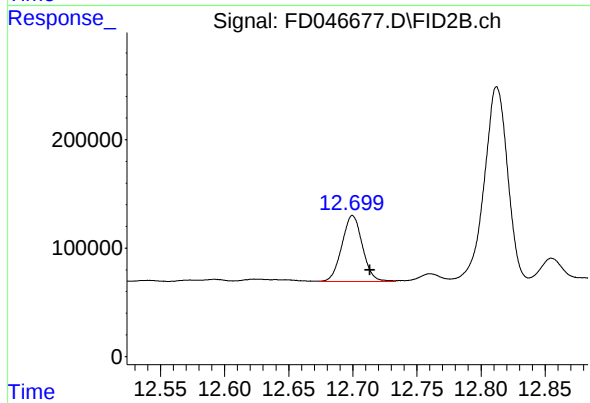
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: -0.005 min
Response: 7748156
Conc: 38.03 ug/ml



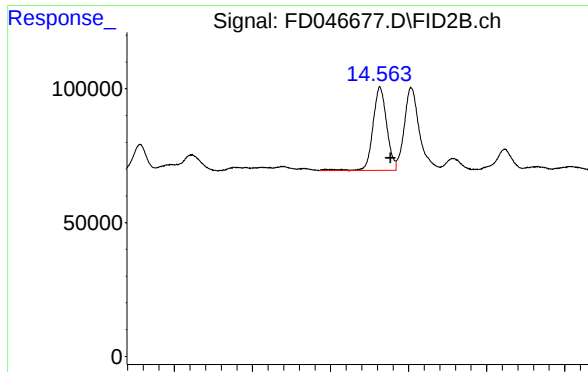
#12 Fluoranthene (C21.85)

R.T.: 12.407 min
Delta R.T.: -0.013 min
Response: 831654
Conc: 4.88 ug/ml



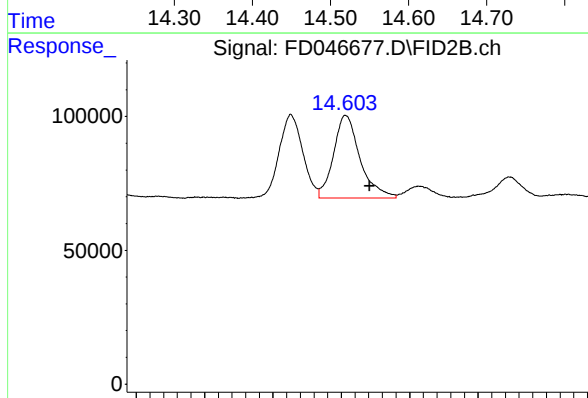
#13 Pyrene (C20.8)

R.T.: 12.700 min
Delta R.T.: -0.014 min
Response: 679047
Conc: 4.14 ug/ml



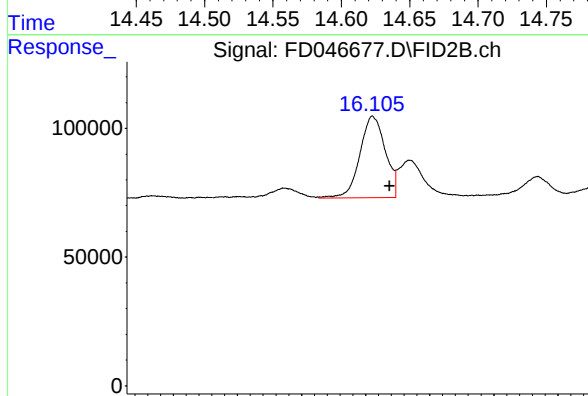
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.563 min
Delta R.T.: -0.014 min
Response: 380939
Conc: 2.73 ug/ml



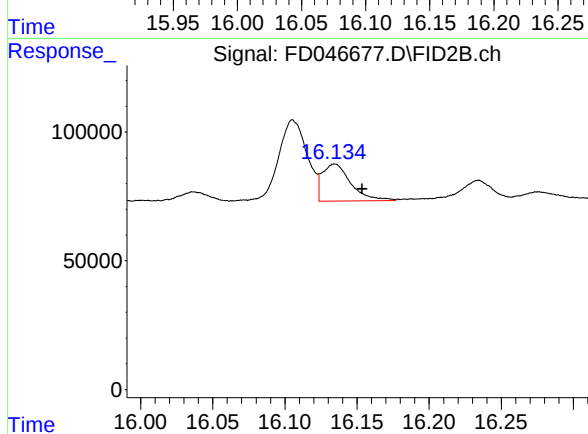
#15 Chrysene (C27.41)

R.T.: 14.604 min
Delta R.T.: -0.017 min
Response: 414965
Conc: 2.73 ug/ml



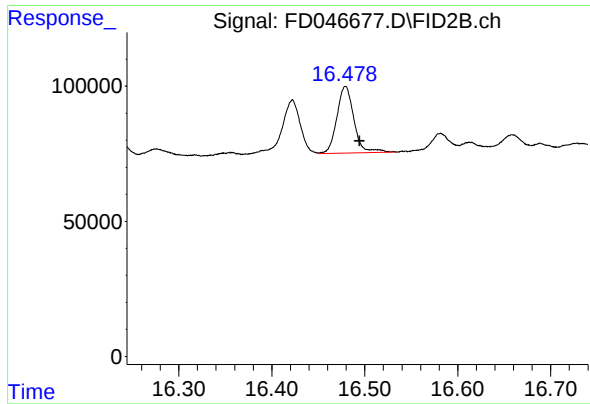
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.106 min
Delta R.T.: -0.013 min
Response: 438172
Conc: 3.19 ug/ml



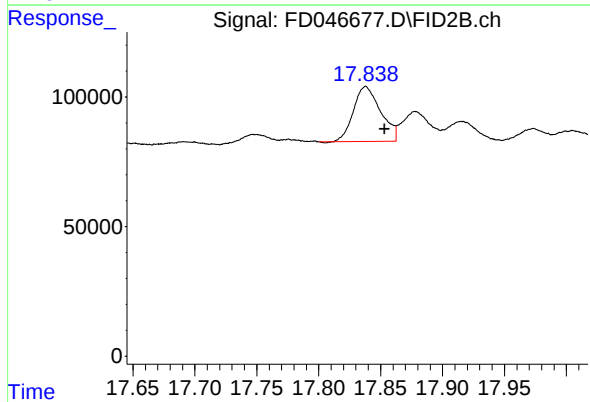
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.134 min
Delta R.T.: -0.019 min
Response: 198141
Conc: 1.43 ug/ml



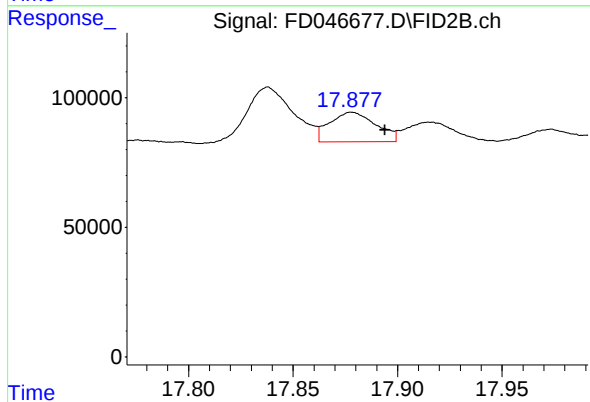
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: -0.015 min
Response: 316138
Conc: 2.36 ug/ml



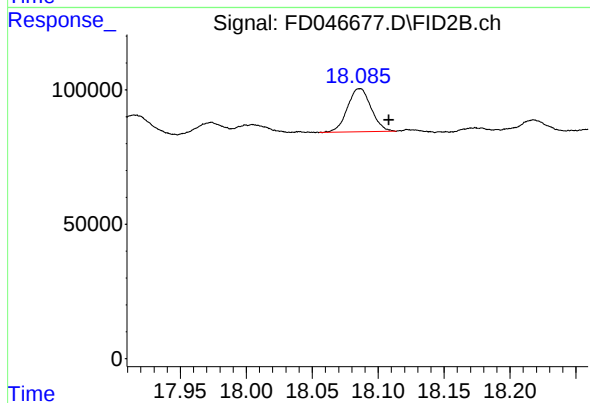
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min
Delta R.T.: -0.015 min
Response: 323130
Conc: 2.58 ug/ml



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

R.T.: 17.878 min
Delta R.T.: -0.016 min
Response: 175865
Conc: 1.32 ug/ml



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

R.T.: 18.086 min
Delta R.T.: -0.022 min
Response: 201906
Conc: 1.53 ug/ml