

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100623AR\
 Data File : FD046670.D
 Signal(s) : FID2B.ch
 Acq On : 06 Oct 2023 10:18
 Operator : YP/AJ
 Sample : 04699-03
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 07 02:37:58 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...	7.491	9218579	52.311 ug/ml
Spiked Amount 50.000		Recovery =	104.62%
6) S 2-Fluorobiphenyl (SURR)	8.343	5332513	46.026 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.05%
11) S ortho-Terphenyl (SURR)	11.383	10366326	50.883 ug/ml
Spiked Amount 50.000		Recovery =	101.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	446554	2.418 ug/ml
2) T Naphthalene (C11.7)	5.828	513724	2.659 ug/ml
3) T 2-Methylnaphthalene (...)	6.875	537228	2.772 ug/ml
5) T Acenaphthylene (C15.06)	8.143	538427	3.054 ug/ml
7) T Acenaphthene (C15.5)	8.438	527645	2.808 ug/ml
8) T Fluorene (C16.55)	9.217	540879	2.998 ug/ml
9) T Phenanthrene (C19.36)	10.604	516118	2.935 ug/ml
10) T Anthracene (C19.43)	10.678	502515	3.272 ug/ml
12) T Fluoranthene (C21.85)	12.406	541705	3.178 ug/ml
13) T Pyrene (C20.8)	12.701	542415	3.306 ug/ml
14) T Benzo[a]anthracene (C...	14.563	456245	3.267 ug/ml
15) T Chrysene (C27.41)	14.604	500127	3.295 ug/ml
16) T benzo[b]fluoranthene ...	16.104	447147	3.260 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	465706	3.362 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.480	432919	3.236 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	382250	3.049 ug/ml
20) T Dibenz[a,h]anthracene...	17.880	423652	3.184 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	401531	3.045 ug/ml

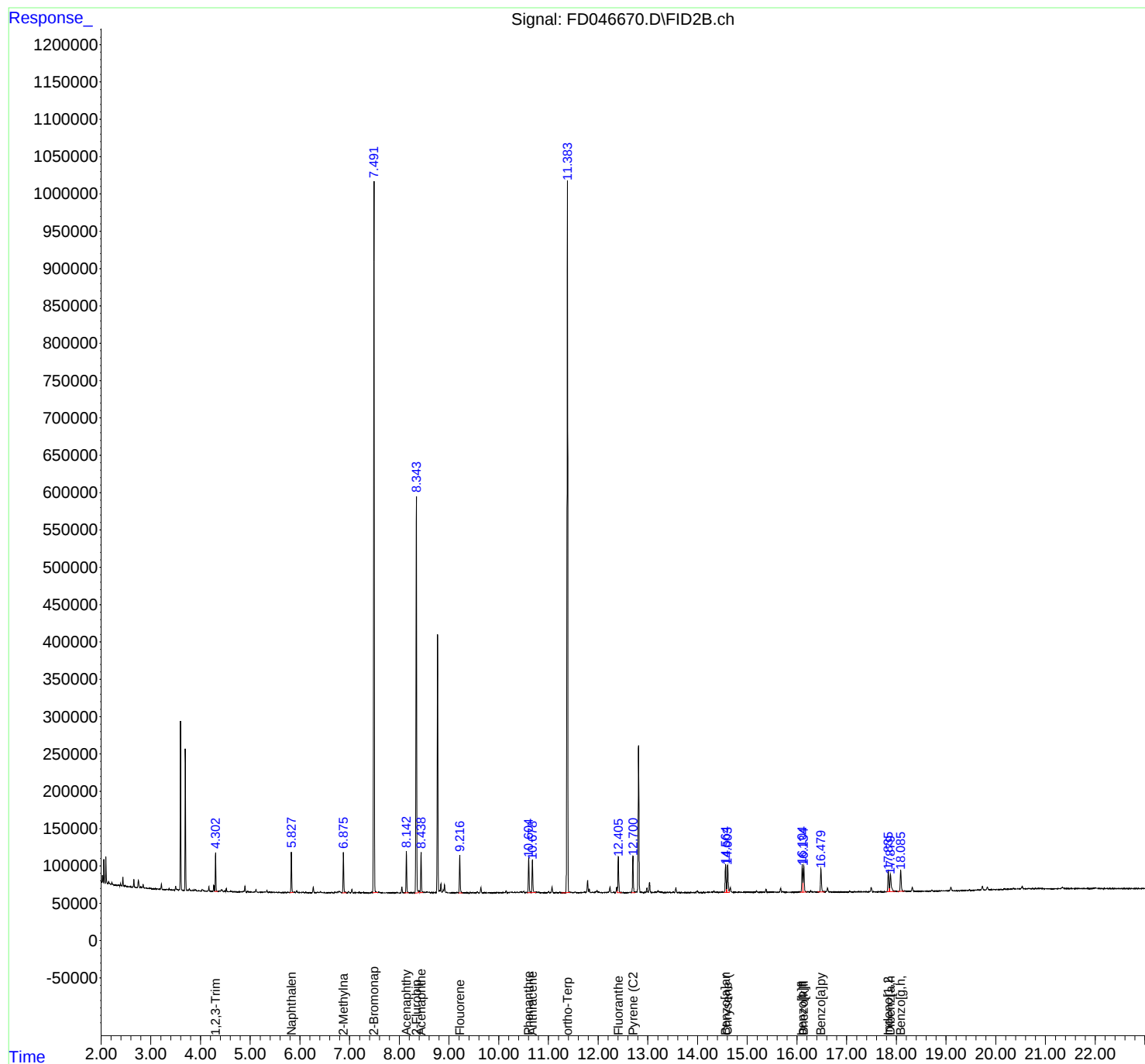
(f)=RT Delta > 1/2 Window

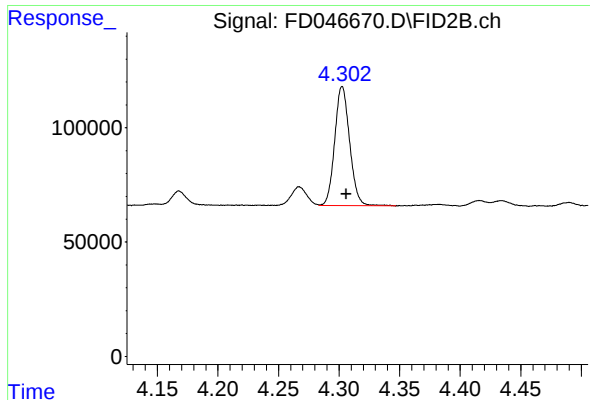
(m)=manual int.

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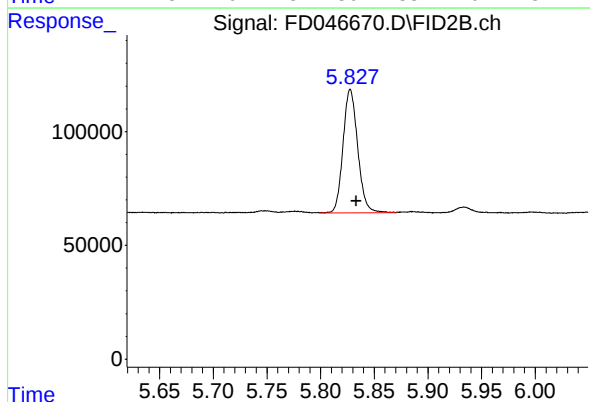
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





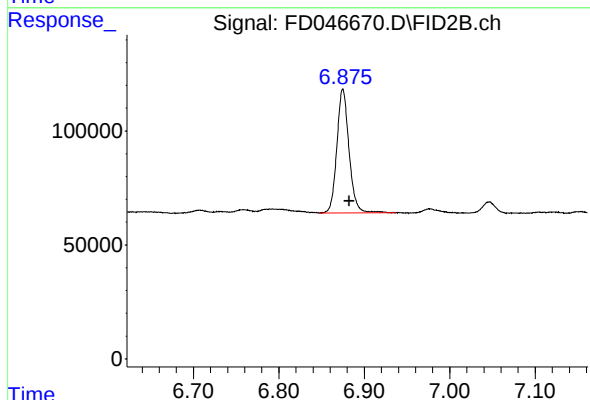
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 446554
Conc: 2.42 ug/ml



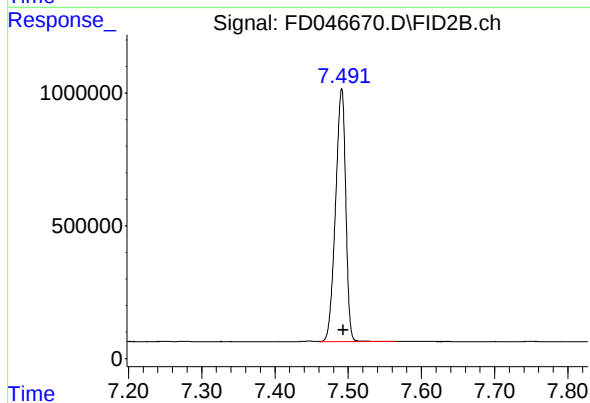
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 513724
Conc: 2.66 ug/ml



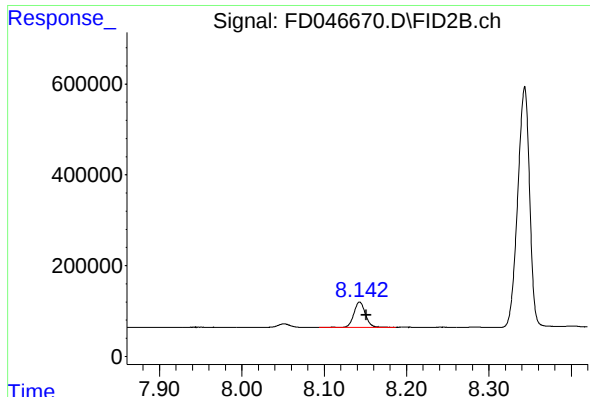
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: -0.007 min
Response: 537228
Conc: 2.77 ug/ml



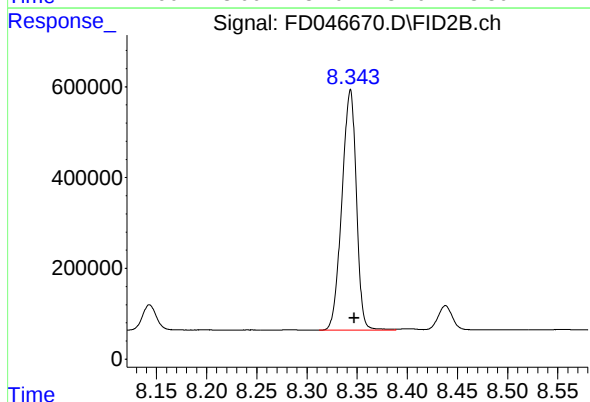
#4 2-Bromonaphthalene (SURR)

R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 9218579
Conc: 52.31 ug/ml



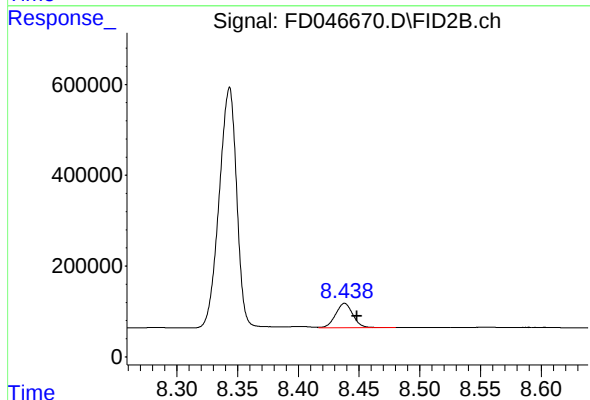
#5 Acenaphthylene (C15.06)

R.T.: 8.143 min
Delta R.T.: -0.008 min
Response: 538427
Conc: 3.05 ug/ml



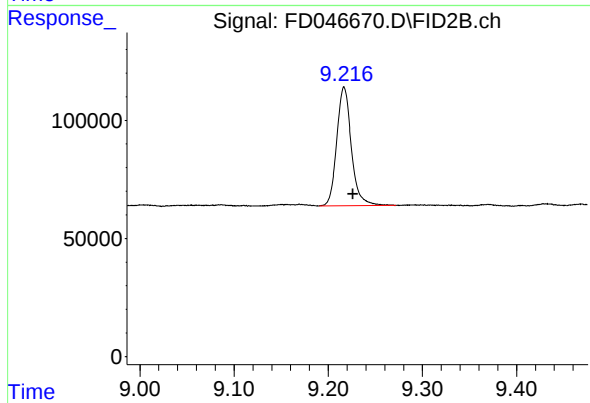
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: -0.004 min
Response: 5332513
Conc: 46.03 ug/ml



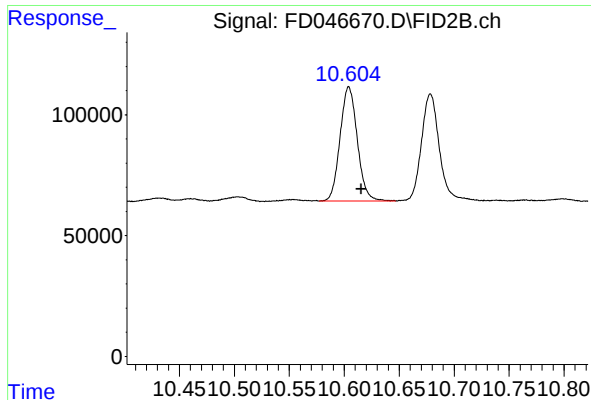
#7 Acenaphthene (C15.5)

R.T.: 8.438 min
Delta R.T.: -0.010 min
Response: 527645
Conc: 2.81 ug/ml



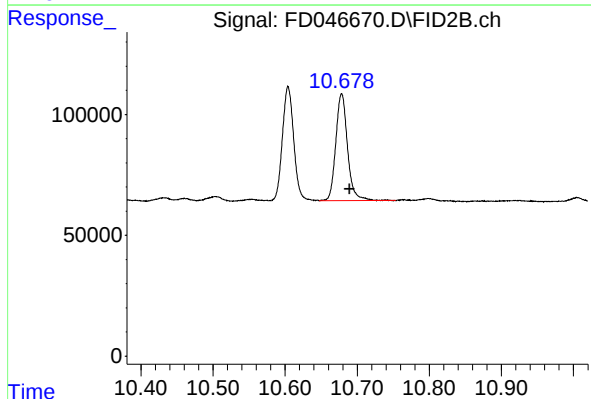
#8 Flouorene (C16.55)

R.T.: 9.217 min
Delta R.T.: -0.009 min
Response: 540879
Conc: 3.00 ug/ml



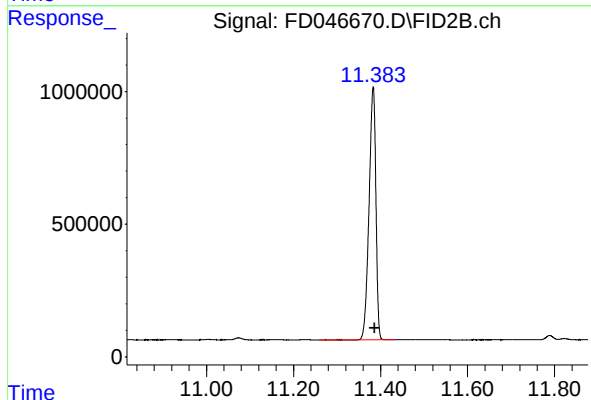
#9 Phenanthrene (C19.36)

R.T.: 10.604 min
Delta R.T.: -0.011 min
Response: 516118
Conc: 2.94 ug/ml



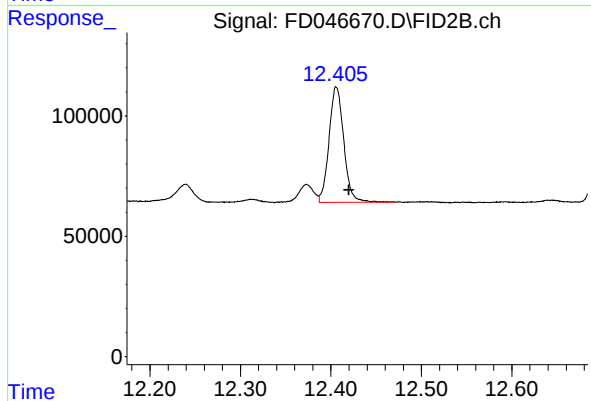
#10 Anthracene (C19.43)

R.T.: 10.678 min
Delta R.T.: -0.011 min
Response: 502515
Conc: 3.27 ug/ml



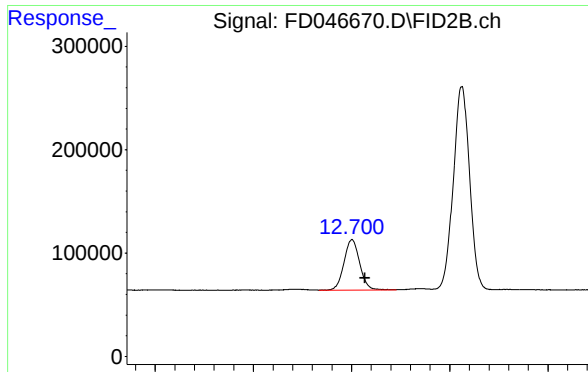
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min
Delta R.T.: -0.004 min
Response: 10366326
Conc: 50.88 ug/ml



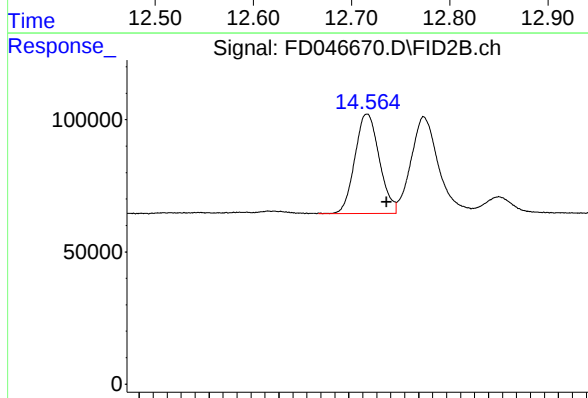
#12 Fluoranthene (C21.85)

R.T.: 12.406 min
Delta R.T.: -0.014 min
Response: 541705
Conc: 3.18 ug/ml



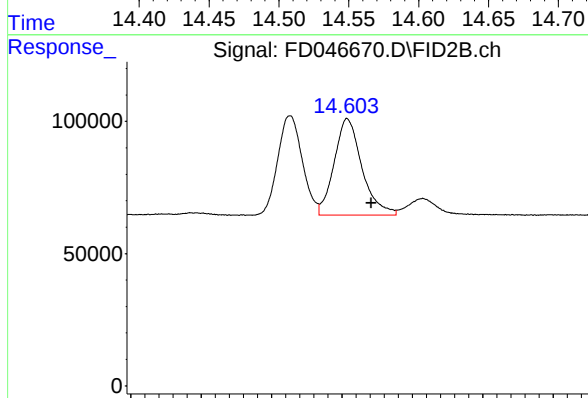
#13 Pyrene (C20.8)

R.T.: 12.701 min
Delta R.T.: -0.013 min
Response: 542415
Conc: 3.31 ug/ml



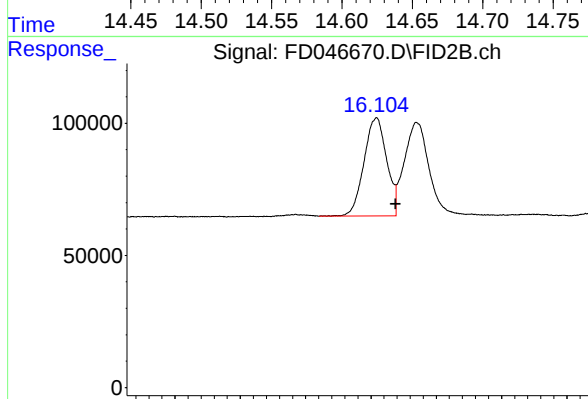
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.563 min
Delta R.T.: -0.014 min
Response: 456245
Conc: 3.27 ug/ml



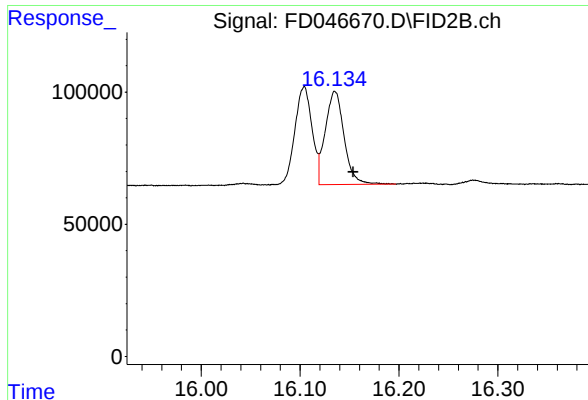
#15 Chrysene (C27.41)

R.T.: 14.604 min
Delta R.T.: -0.017 min
Response: 500127
Conc: 3.29 ug/ml



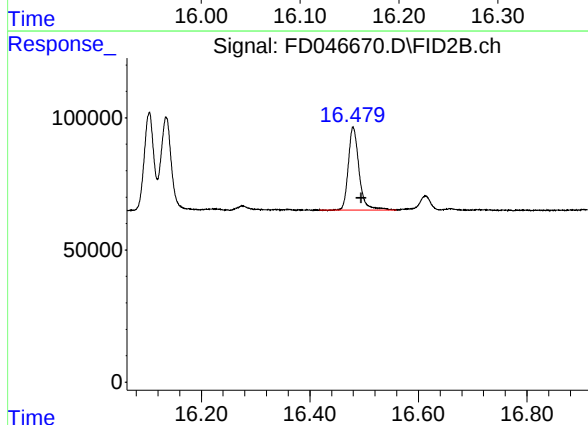
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.104 min
Delta R.T.: -0.015 min
Response: 447147
Conc: 3.26 ug/ml



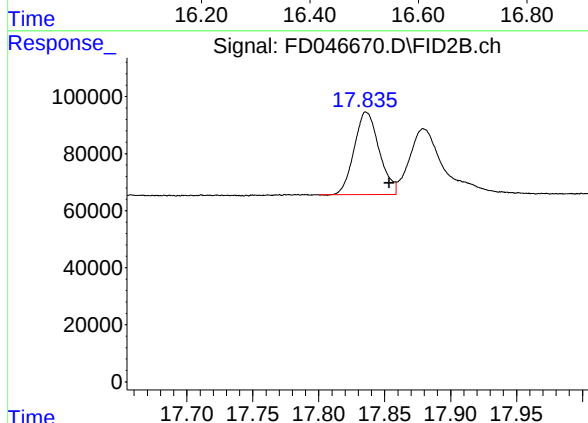
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.135 min
Delta R.T.: -0.018 min
Response: 465706
Conc: 3.36 ug/ml



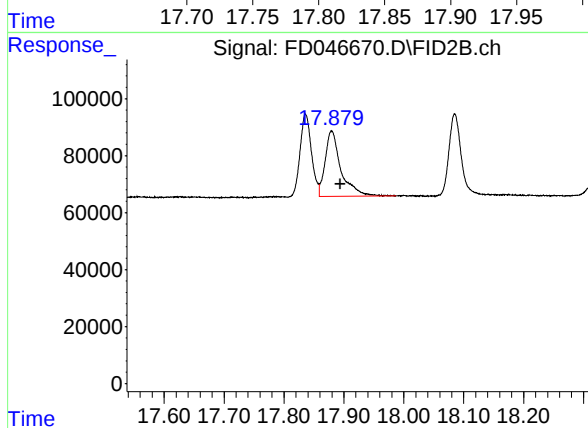
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.480 min
Delta R.T.: -0.015 min
Response: 432919
Conc: 3.24 ug/ml



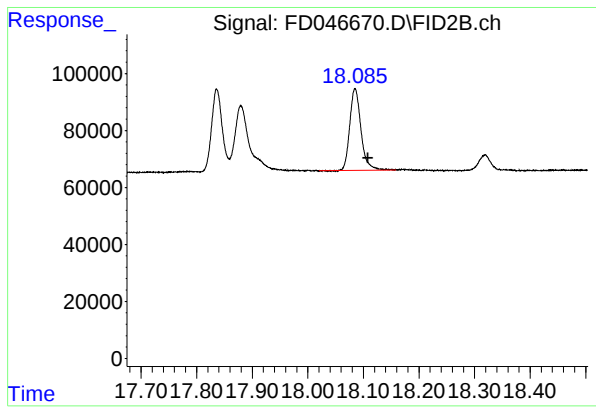
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: -0.017 min
Response: 382250
Conc: 3.05 ug/ml



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

R.T.: 17.880 min
Delta R.T.: -0.014 min
Response: 423652
Conc: 3.18 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.023 min
Response: 401531
Conc: 3.04 ug/ml