

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080122AR\
 Data File : FD043441.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2022 15:05
 Operator : YP/AJ
 Sample : N3964-08
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 02 03:27:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 17:39:38 2022
 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...	7.623	6623530	46.826 ug/ml
Spiked Amount 50.000		Recovery =	93.65%
6) S 2-Fluorobiphenyl (SURR)	8.488	4342424	45.678 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.36%
11) S ortho-Terphenyl (SURR)	11.533	4387239	25.885 ug/ml
Spiked Amount 50.000		Recovery =	51.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	193545	1.234 ug/ml
2) T Naphthalene (C11.7)	5.957	5492290	33.968 ug/ml
3) T 2-Methylnaphthalene (...)	7.010	1746538	11.928 ug/ml
5) T Acenaphthylene (C15.06)	8.282	1062396	6.544 ug/ml
7) T Acenaphthene (C15.5)	8.587	5609311	34.696 ug/ml
8) T Fluorene (C16.55)	9.366	2823657	18.020 ug/ml
9) T Phenanthrene (C19.36)	10.765	3570237	22.781 ug/ml
10) T Anthracene (C19.43)	10.838	730020	4.740 ug/ml
12) T Fluoranthene (C21.85)	12.577	493096	3.113 ug/ml
13) T Pyrene (C20.8)	12.874	496288	3.158 ug/ml
14) T Benzo[a]anthracene (C...	14.750	62825	0.426 ug/ml
15) T Chrysene (C27.41)	14.790	78560	0.503 ug/ml
16) T benzo[b]fluoranthene ...	16.306	60560	0.405 ug/ml
17) T Bnezo[k]fluoranthene ...	16.306	60560	0.404 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.682	32770	0.232 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.049	66266	0.561 ug/ml
20) T Dibenz[a,h]anthracene...	18.092	33620	0.237 ug/ml

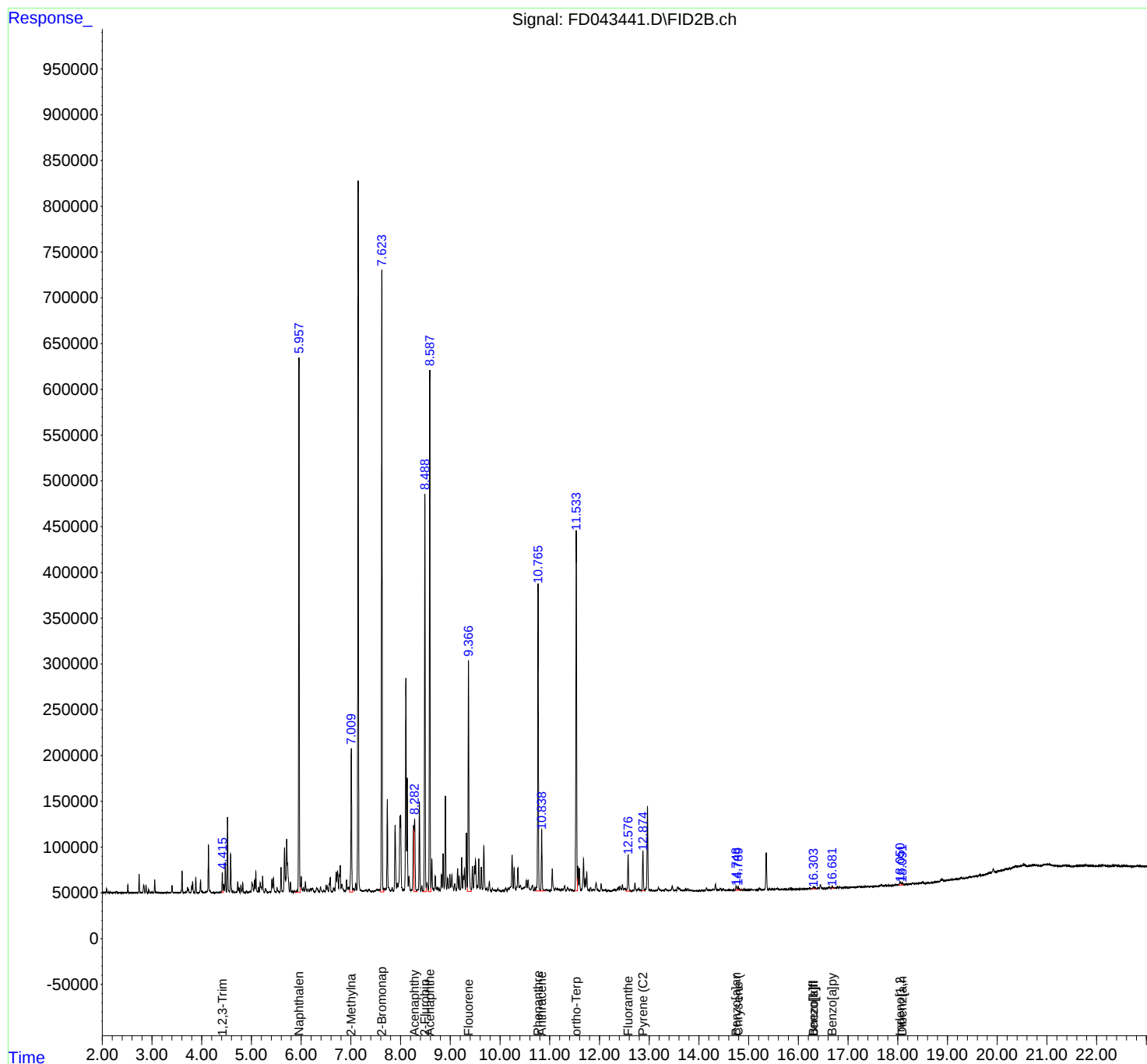
(f)=RT Delta > 1/2 Window

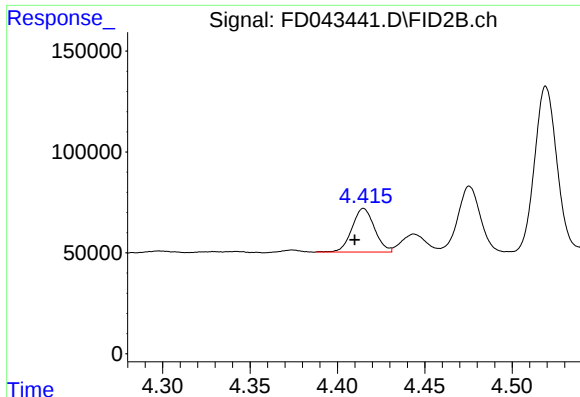
(m)=manual int.

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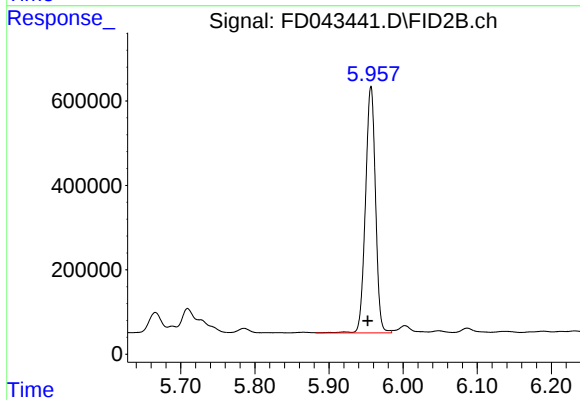
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Signal Info : 20M x 0.18mm x 0.18µm





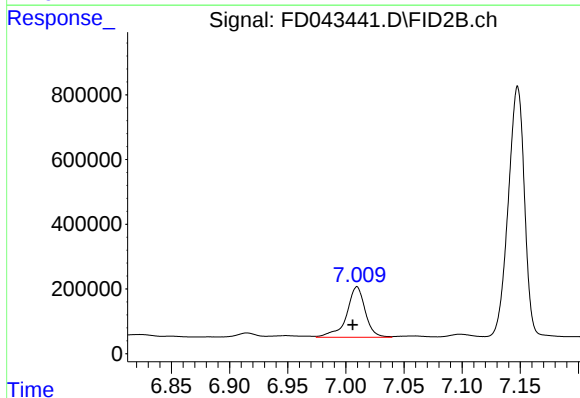
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: 0.005 min
Response: 193545
Conc: 1.23 ug/ml



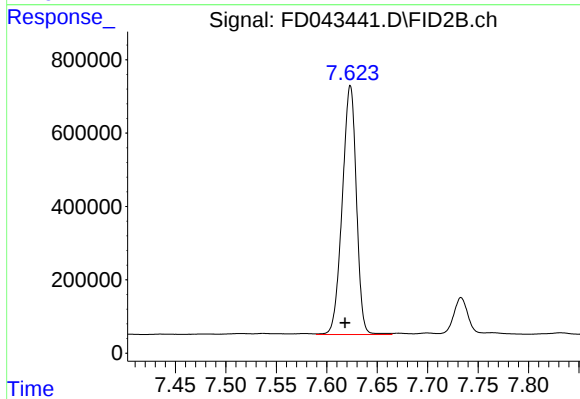
#2 Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: 0.004 min
Response: 5492290
Conc: 33.97 ug/ml



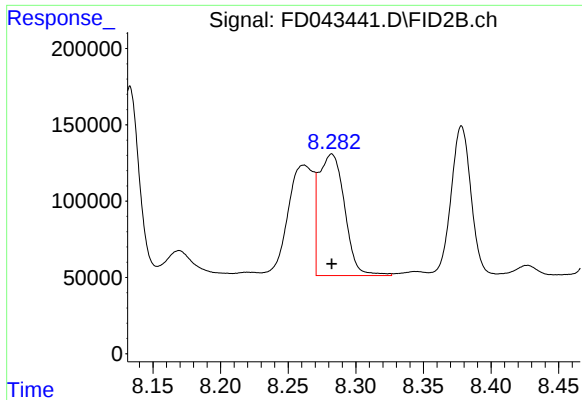
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: 0.004 min
Response: 1746538
Conc: 11.93 ug/ml



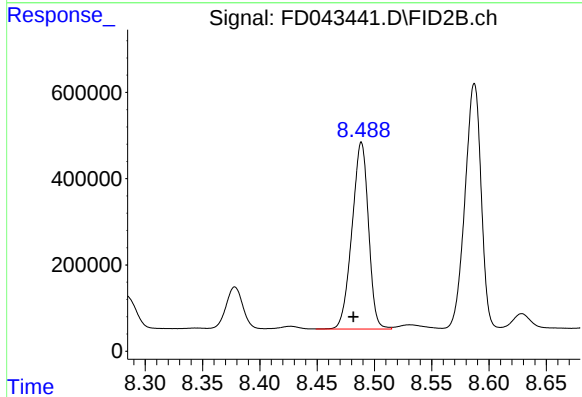
#4 2-Bromonaphthalene (SURR)

R.T.: 7.623 min
Delta R.T.: 0.005 min
Response: 6623530
Conc: 46.83 ug/ml



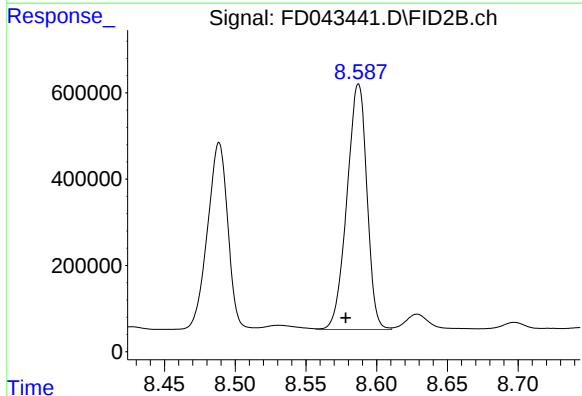
#5 Acenaphthylene (C15.06)

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 1062396
Conc: 6.54 ug/ml



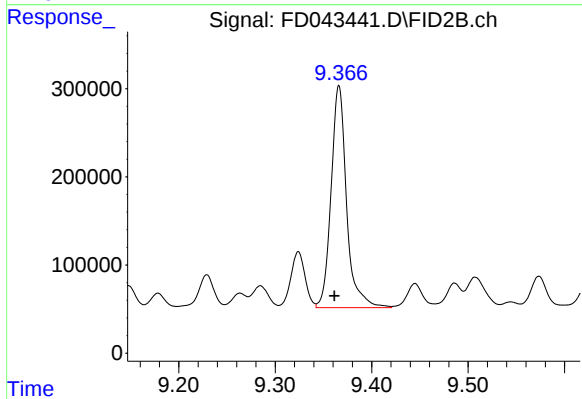
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.488 min
Delta R.T.: 0.007 min
Response: 4342424
Conc: 45.68 ug/ml



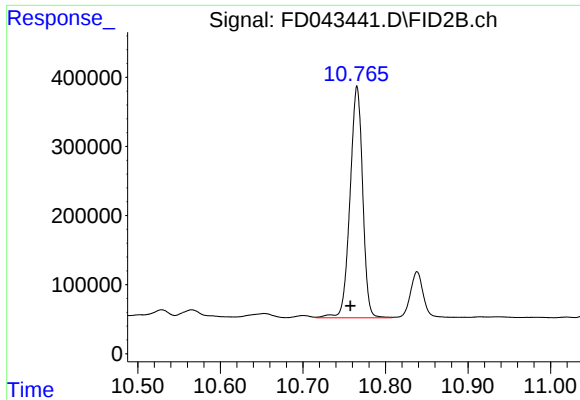
#7 Acenaphthene (C15.5)

R.T.: 8.587 min
Delta R.T.: 0.009 min
Response: 5609311
Conc: 34.70 ug/ml



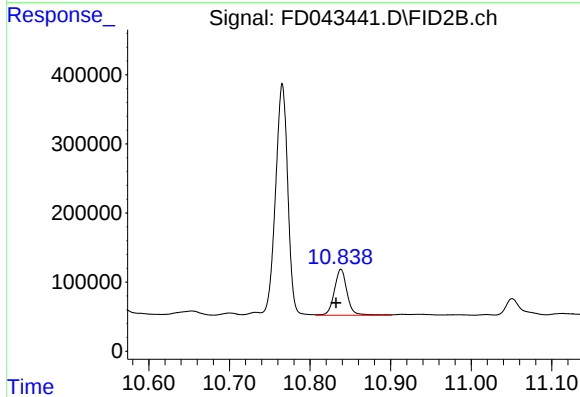
#8 Flouorene (C16.55)

R.T.: 9.366 min
Delta R.T.: 0.005 min
Response: 2823657
Conc: 18.02 ug/ml



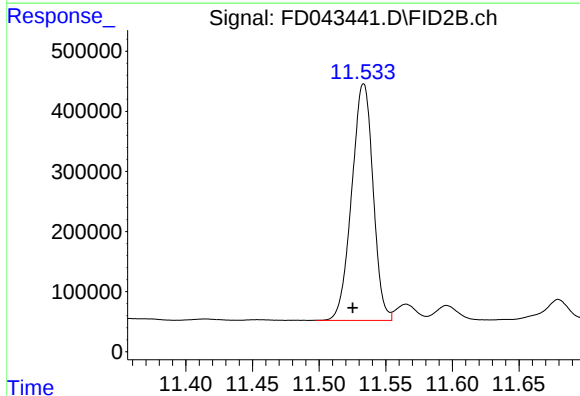
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: 0.008 min
Response: 3570237
Conc: 22.78 ug/ml



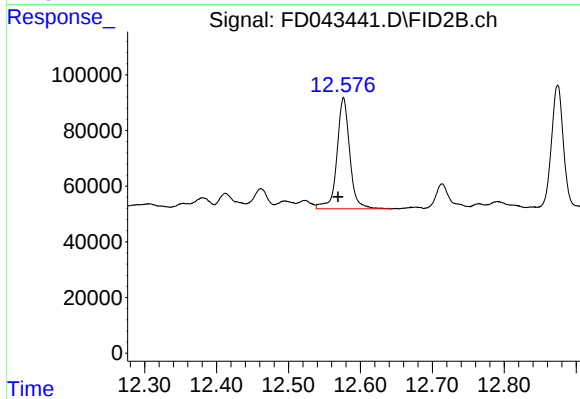
#10 Anthracene (C19.43)

R.T.: 10.838 min
Delta R.T.: 0.006 min
Response: 730020
Conc: 4.74 ug/ml



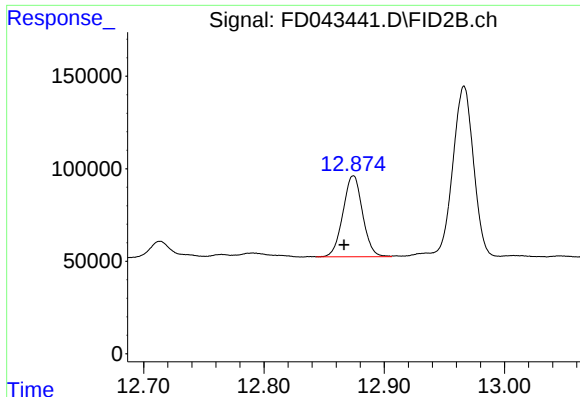
#11 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: 0.008 min
Response: 4387239
Conc: 25.88 ug/ml



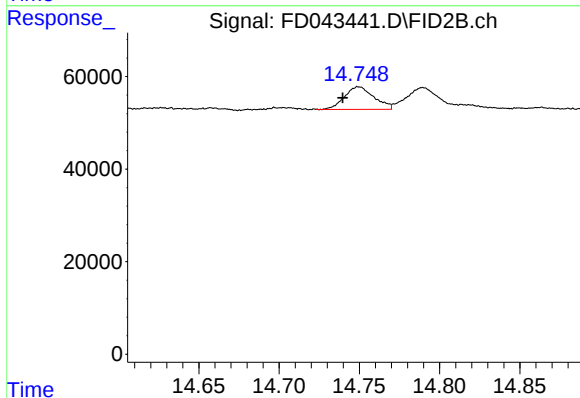
#12 Fluoranthene (C21.85)

R.T.: 12.577 min
Delta R.T.: 0.007 min
Response: 493096
Conc: 3.11 ug/ml



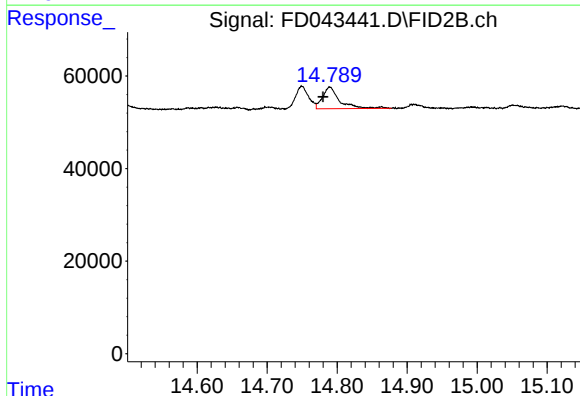
#13 Pyrene (C20.8)

R.T.: 12.874 min
Delta R.T.: 0.008 min
Response: 496288
Conc: 3.16 ug/ml



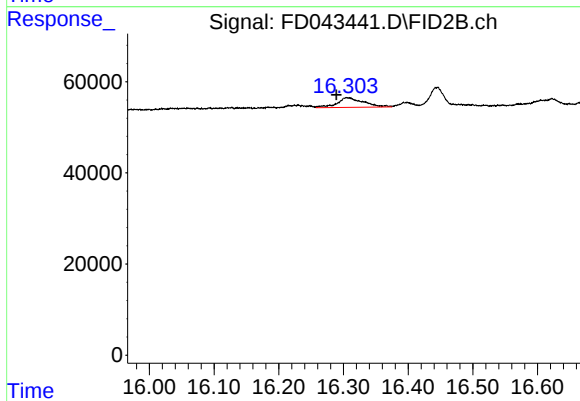
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.750 min
Delta R.T.: 0.010 min
Response: 62825
Conc: 0.43 ug/ml



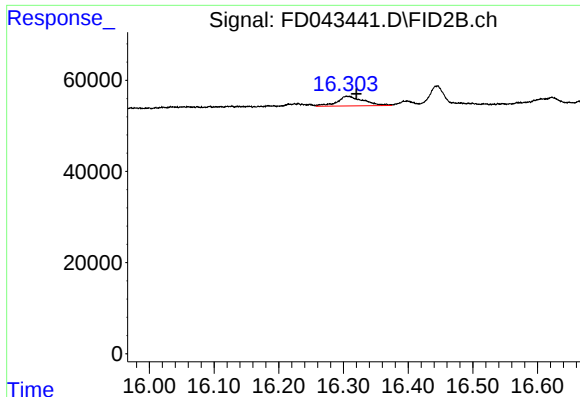
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: 0.009 min
Response: 78560
Conc: 0.50 ug/ml



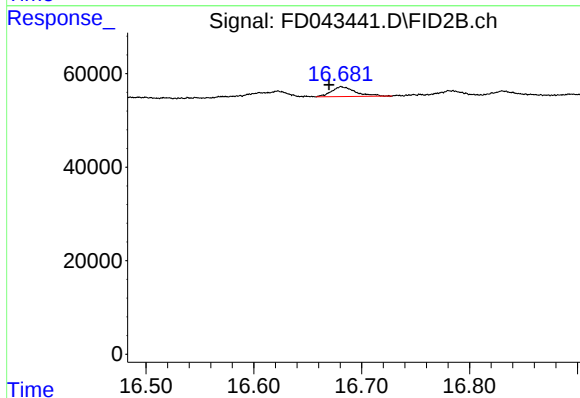
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.306 min
Delta R.T.: 0.017 min
Response: 60560
Conc: 0.40 ug/ml



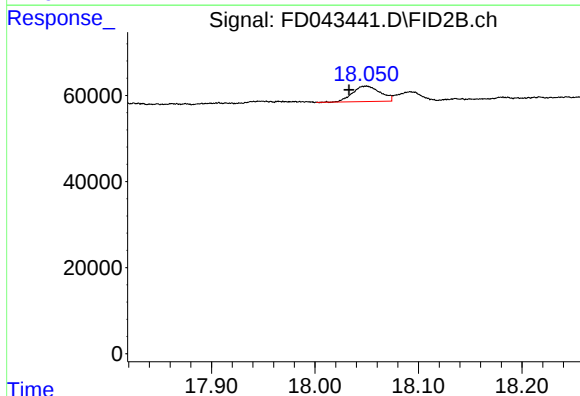
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.306 min
Delta R.T.: -0.014 min
Response: 60560
Conc: 0.40 ug/ml



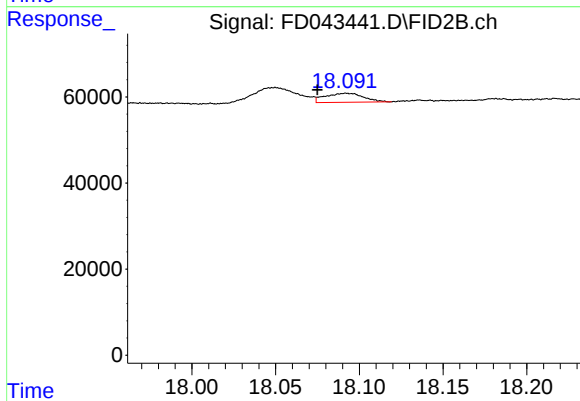
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.682 min
Delta R.T.: 0.012 min
Response: 32770
Conc: 0.23 ug/ml



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

R.T.: 18.049 min
Delta R.T.: 0.016 min
Response: 66266
Conc: 0.56 ug/ml



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

R.T.: 18.092 min
Delta R.T.: 0.017 min
Response: 33620
Conc: 0.24 ug/ml