

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072522AR\
 Data File : FD043334.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jul 2022 16:51
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 25 17:38:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 15:39:37 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...	7.618	650358	4.507 ug/ml
Spiked Amount 50.000		Recovery =	9.01%
6) S 2-Fluorobiphenyl (SURR)	8.481	427409	4.385 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.77%
11) S ortho-Terphenyl (SURR)	11.525	816830	4.776 ug/ml
Spiked Amount 50.000		Recovery =	9.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.410	751694	4.744 ug/ml
2) T Naphthalene (C11.7)	5.952	758452	4.619 ug/ml
3) T 2-Methylnaphthalene (...)	7.006	677754	4.544 ug/ml
5) T Acenaphthylene (C15.06)	8.282	781492	4.770 ug/ml
7) T Acenaphthene (C15.5)	8.578	772562	4.726 ug/ml
8) T Flouorene (C16.55)	9.361	716222	4.475 ug/ml
9) T Phenanthrene (C19.36)	10.758	723794	4.532 ug/ml
10) T Anthracene (C19.43)	10.832	732776	4.701 ug/ml
12) T Fluoranthene (C21.85)	12.569	749664	4.671 ug/ml
13) T Pyrene (C20.8)	12.866	759981	4.796 ug/ml
14) T Benzo[a]anthracene (C...	14.740	646551	4.251 ug/ml
15) T Chrysene (C27.41)	14.780	773797	4.940 ug/ml
16) T benzo[b]fluoranthene ...	16.289	659905	4.285 ug/ml
17) T Bnezo[k]fluoranthene ...	16.320	741786	4.930 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	627081	4.315 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.033	484928	3.927 ug/ml
20) T Dibenz[a,h]anthracene...	18.075	724366	5.134 ug/ml
21) T Benzo[g,h,i]perylene ...	18.284	614541	4.662 ug/ml

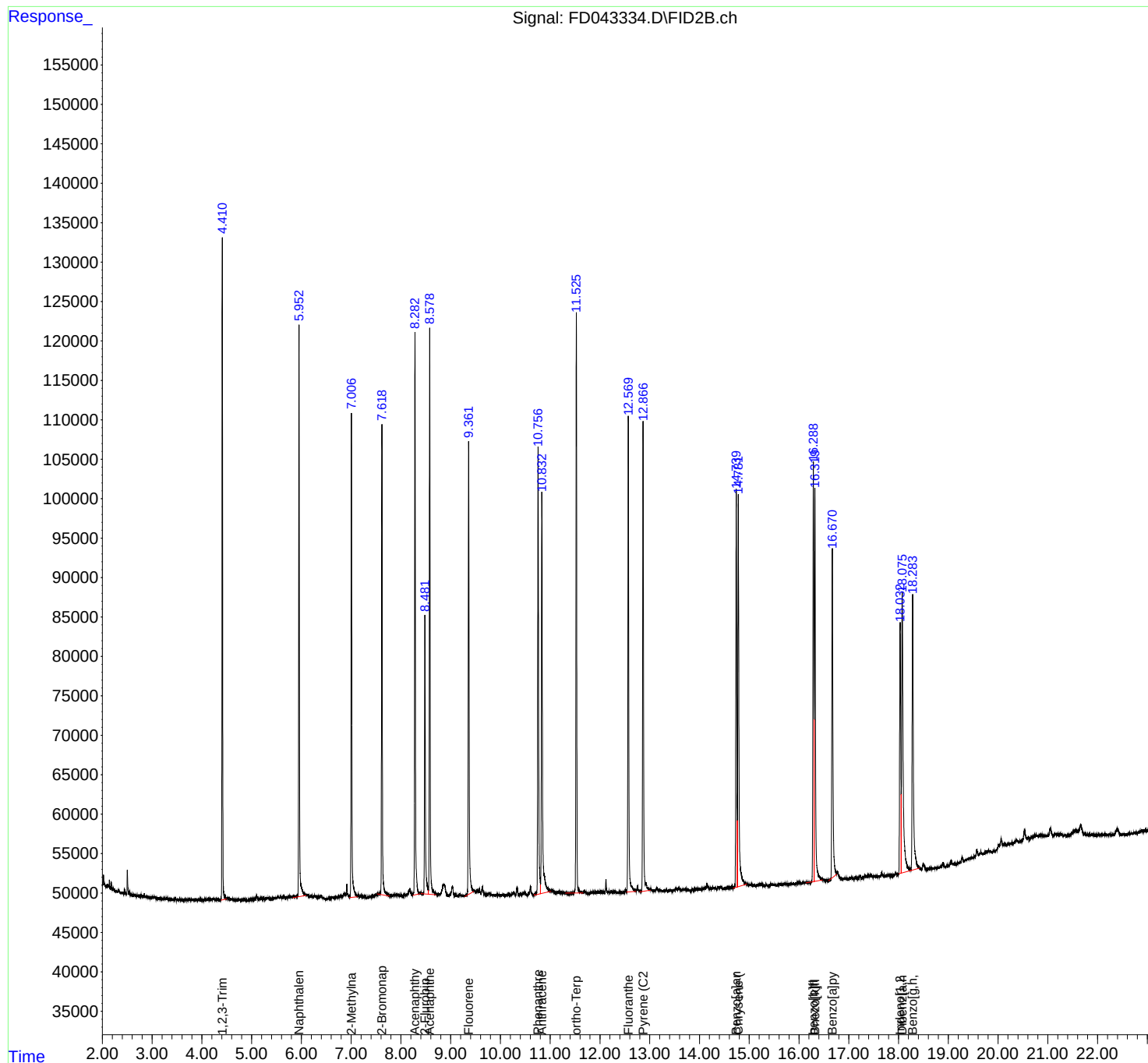
(f)=RT Delta > 1/2 Window

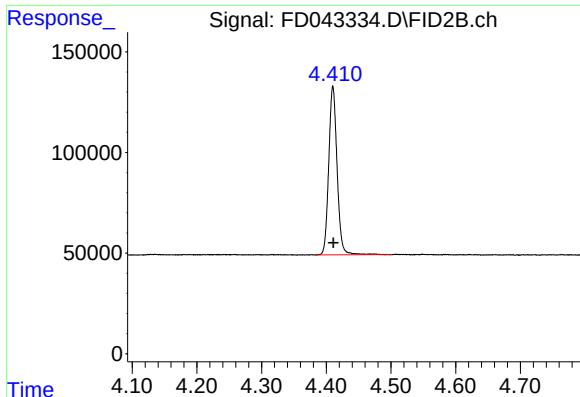
(m)=manual int.

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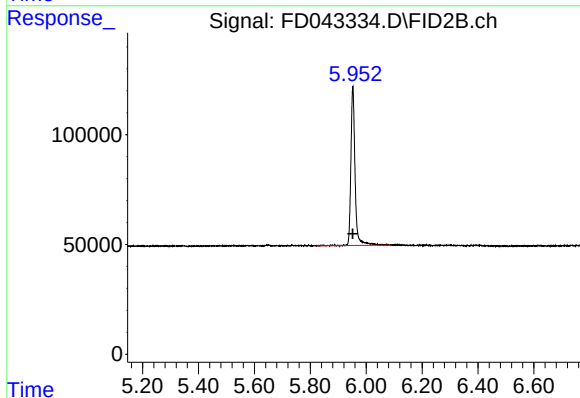
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Signal Info : 20M x 0.18mm x 0.18µm





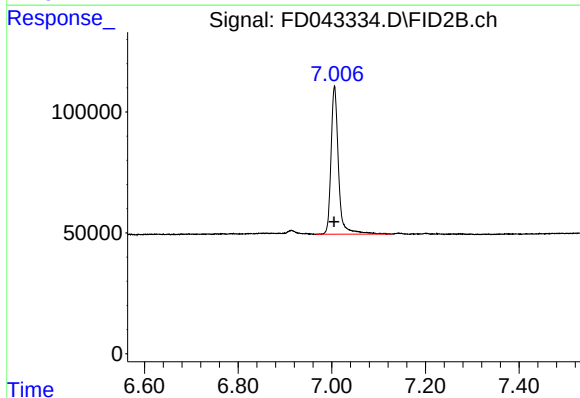
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 751694
Conc: 4.74 ug/ml



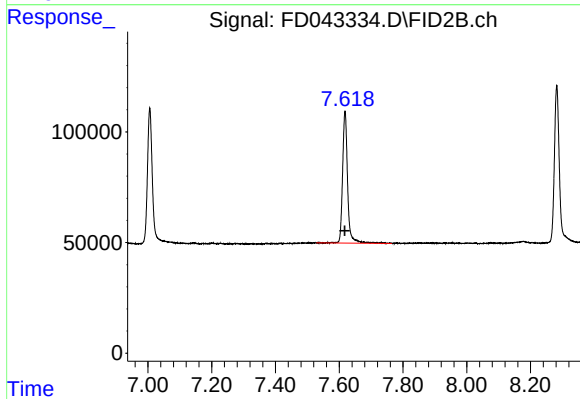
#2 Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 758452
Conc: 4.62 ug/ml



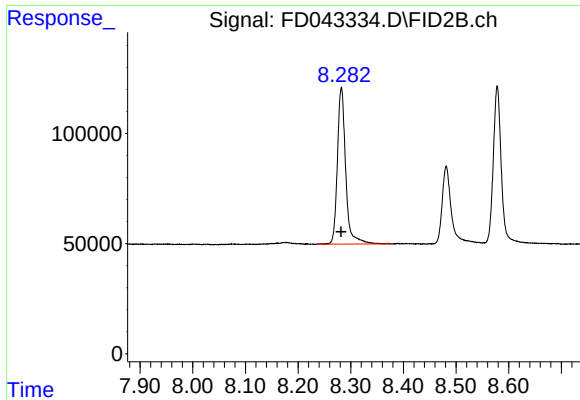
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 677754
Conc: 4.54 ug/ml



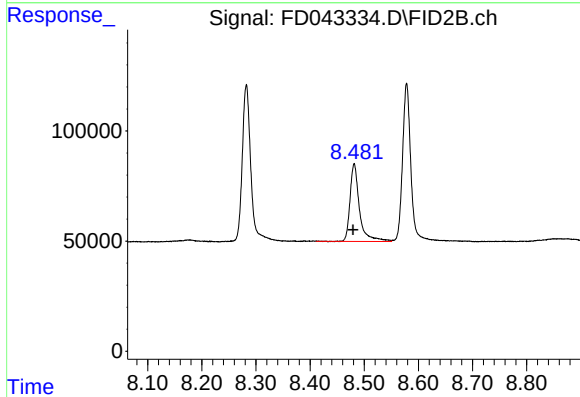
#4 2-Bromonaphthalene (SURR)

R.T.: 7.618 min
Delta R.T.: 0.001 min
Response: 650358
Conc: 4.51 ug/ml



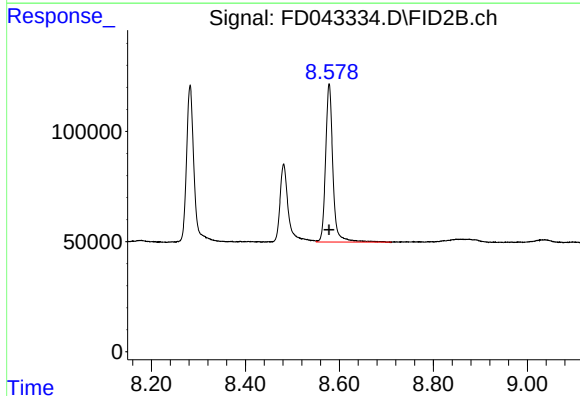
#5 Acenaphthylene (C15.06)

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 781492
Conc: 4.77 ug/ml



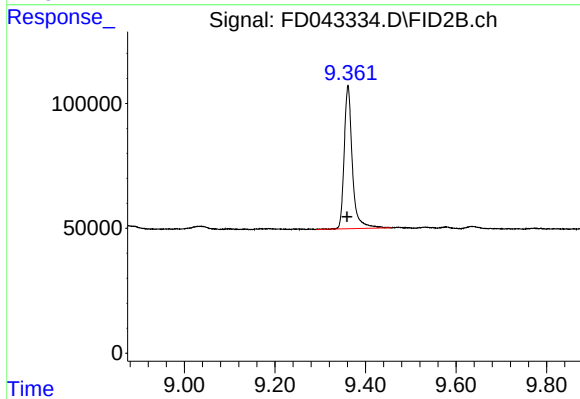
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.481 min
Delta R.T.: 0.002 min
Response: 427409
Conc: 4.39 ug/ml



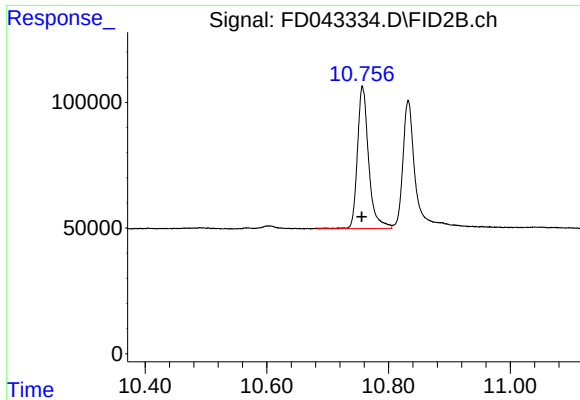
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 772562
Conc: 4.73 ug/ml



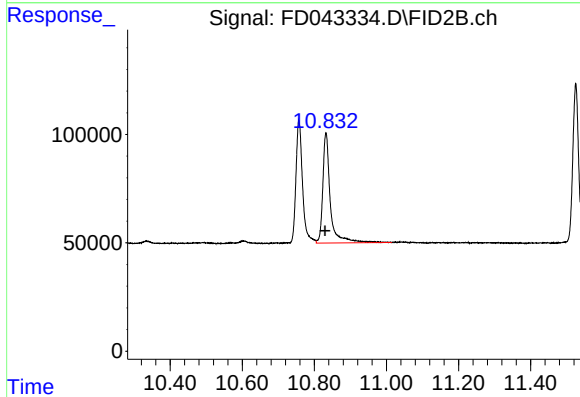
#8 Flouorene (C16.55)

R.T.: 9.361 min
Delta R.T.: 0.002 min
Response: 716222
Conc: 4.47 ug/ml



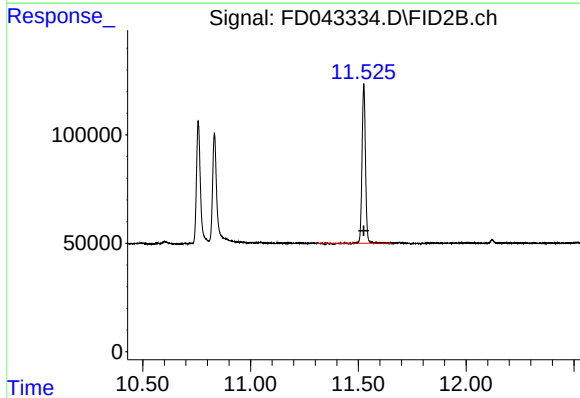
#9 Phenanthrene (C19.36)

R.T.: 10.758 min
Delta R.T.: 0.002 min
Response: 723794
Conc: 4.53 ug/ml



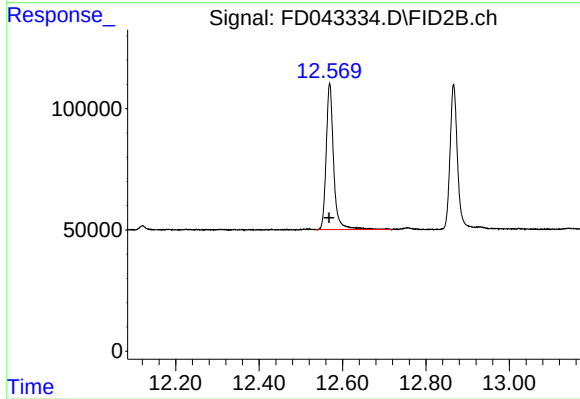
#10 Anthracene (C19.43)

R.T.: 10.832 min
Delta R.T.: 0.002 min
Response: 732776
Conc: 4.70 ug/ml



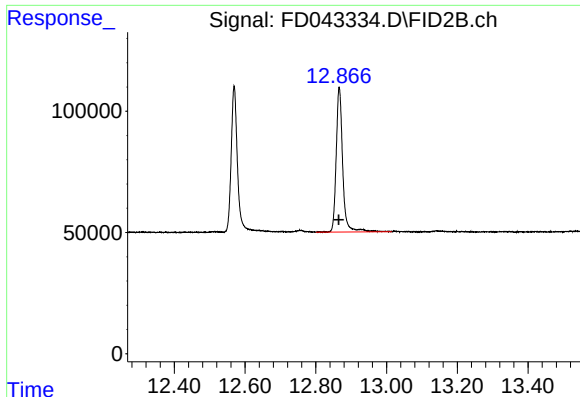
#11 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: 0.000 min
Response: 816830
Conc: 4.78 ug/ml



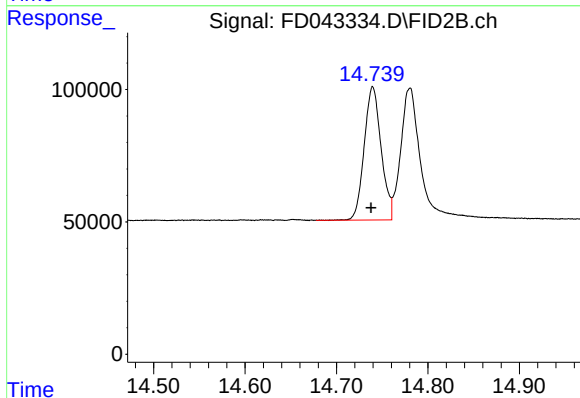
#12 Fluoranthene (C21.85)

R.T.: 12.569 min
Delta R.T.: 0.002 min
Response: 749664
Conc: 4.67 ug/ml



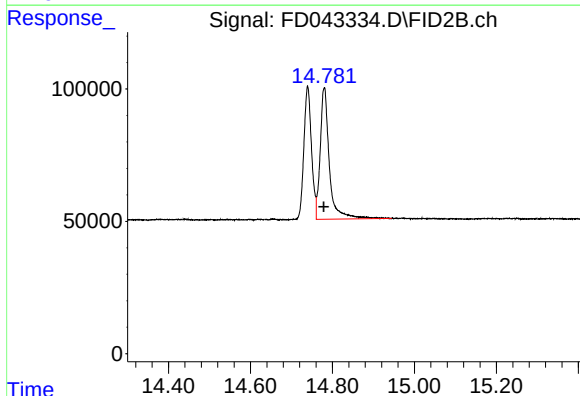
#13 Pyrene (C20.8)

R.T.: 12.866 min
Delta R.T.: 0.002 min
Response: 759981
Conc: 4.80 ug/ml



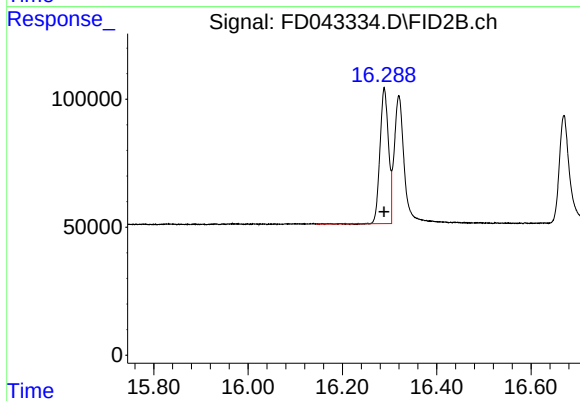
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.740 min
Delta R.T.: 0.002 min
Response: 646551
Conc: 4.25 ug/ml



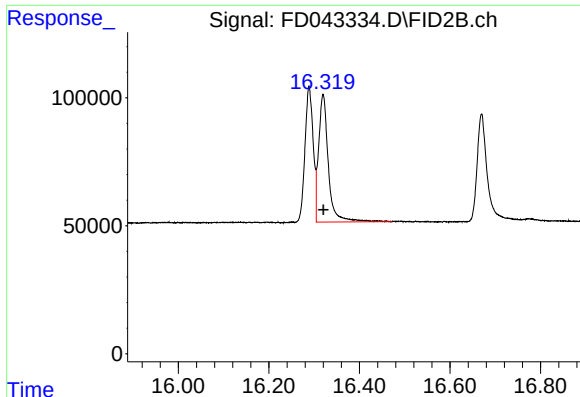
#15 Chrysene (C27.41)

R.T.: 14.780 min
Delta R.T.: 0.001 min
Response: 773797
Conc: 4.94 ug/ml



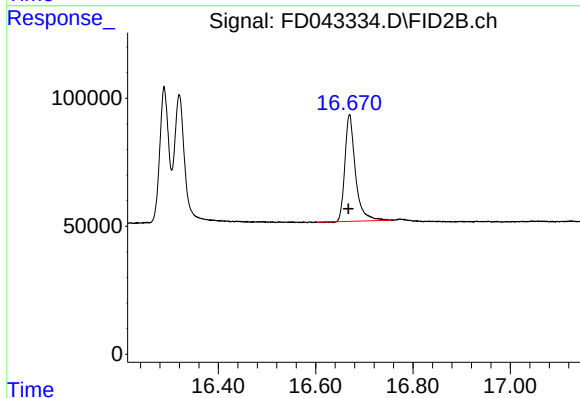
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.289 min
Delta R.T.: 0.000 min
Response: 659905
Conc: 4.29 ug/ml



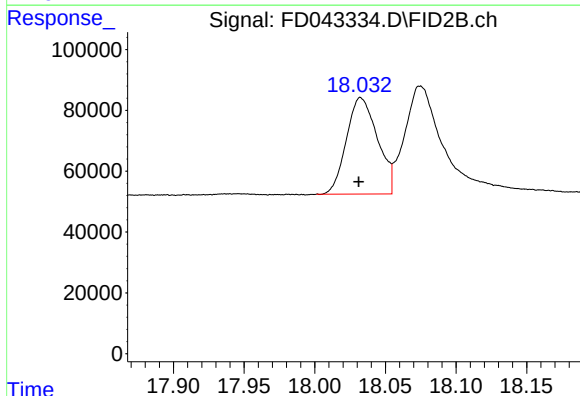
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min
Delta R.T.: 0.000 min
Response: 741786
Conc: 4.93 ug/ml



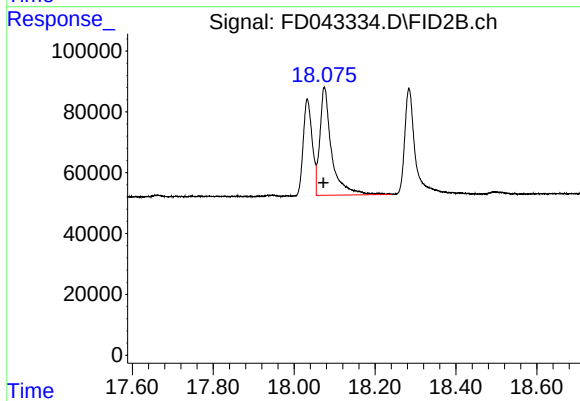
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.670 min
Delta R.T.: 0.002 min
Response: 627081
Conc: 4.31 ug/ml



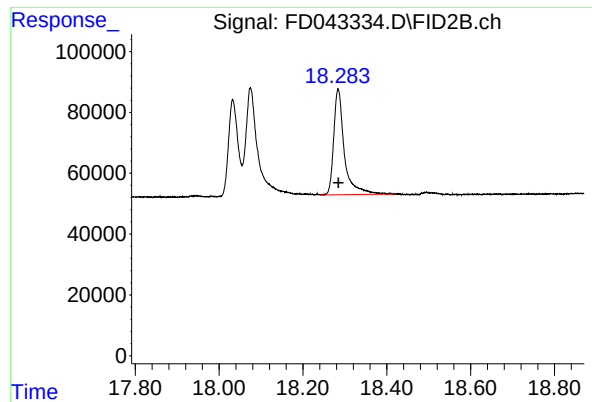
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min
Delta R.T.: 0.002 min
Response: 484928
Conc: 3.93 ug/ml



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

R.T.: 18.075 min
Delta R.T.: 0.003 min
Response: 724366
Conc: 5.13 ug/ml



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

R.T.: 18.284 min
Delta R.T.: 0.000 min
Response: 614541
Conc: 4.66 ug/ml