

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032823AR\
 Data File : FD045360.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2023 20:09
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 05:53:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:53:11 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...	7.548	1491879	10.995 ug/ml
Spiked Amount 50.000		Recovery =	21.99%
6) S 2-Fluorobiphenyl (SURR)	8.403	971710	10.898 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.80%
11) S ortho-Terphenyl (SURR)	11.444	1899984	11.107 ug/ml
Spiked Amount 50.000		Recovery =	22.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.359	1721417	11.213 ug/ml
2) T Naphthalene (C11.7)	5.888	1769258	11.139 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	1750620	11.066 ug/ml
5) T Acenaphthylene (C15.06)	8.208	1588150	10.977 ug/ml
7) T Acenaphthene (C15.5)	8.502	1684354	10.971 ug/ml
8) T Fluorene (C16.55)	9.281	1614909	10.921 ug/ml
9) T Phenanthrene (C19.36)	10.672	1566057	10.900 ug/ml
10) T Anthracene (C19.43)	10.745	1483238	10.815 ug/ml
12) T Fluoranthene (C21.85)	12.476	1566201	11.016 ug/ml
13) T Pyrene (C20.8)	12.771	1517110	10.942 ug/ml
14) T Benzo[a]anthracene (C...	14.634	1378317	10.898 ug/ml
15) T Chrysene (C27.41)	14.677	1439108	11.037 ug/ml
16) T benzo[b]fluoranthene ...	16.177	1396600	10.901 ug/ml
17) T Bnezo[k]fluoranthene ...	16.208	1379463	11.053 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.551	1362272	10.961 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.907	1263101	10.762 ug/ml
20) T Dibenz[a,h]anthracene...	17.951	1301324	11.209 ug/ml
21) T Benzo[g,h,i]perylene ...	18.159	1354668	11.021 ug/ml

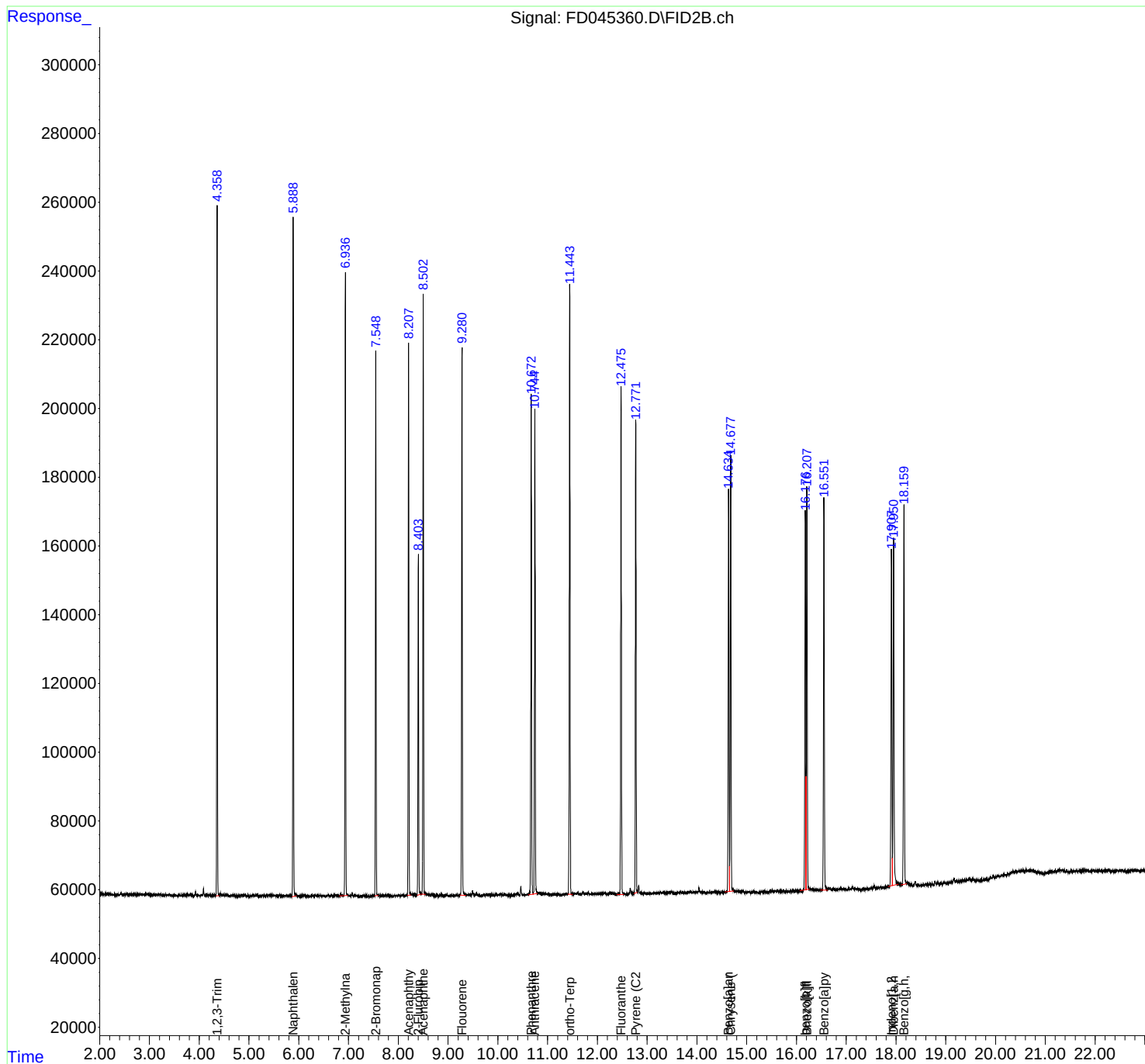
(f)=RT Delta > 1/2 Window

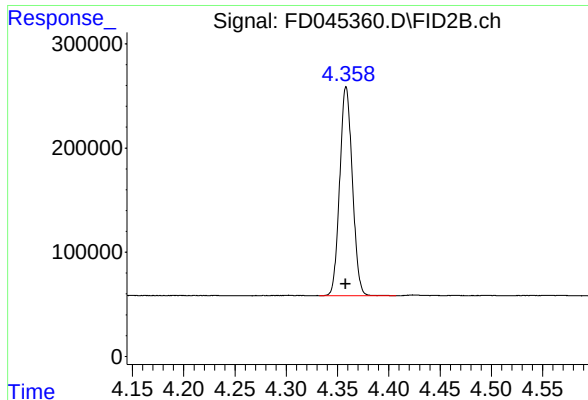
(m)=manual int.

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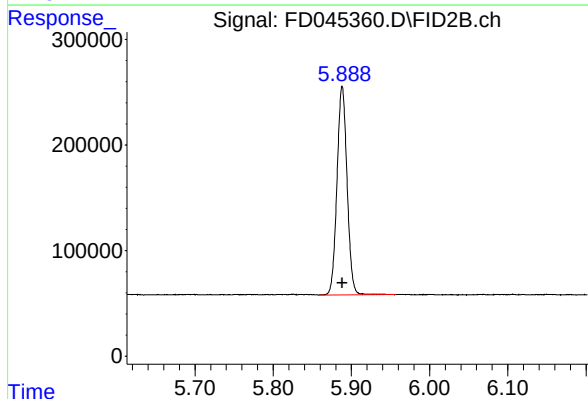
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Signal Info : 20M x 0.18mm x 0.18µm





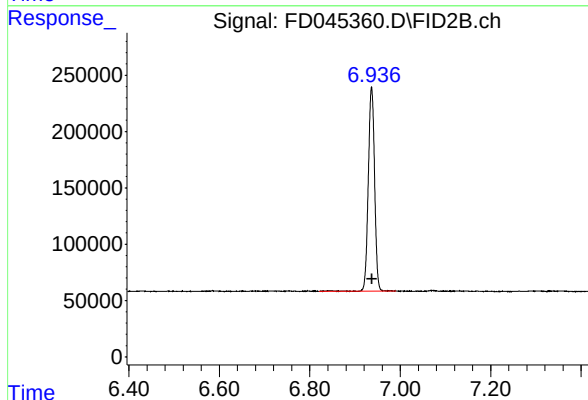
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 1721417
Conc: 11.21 ug/ml



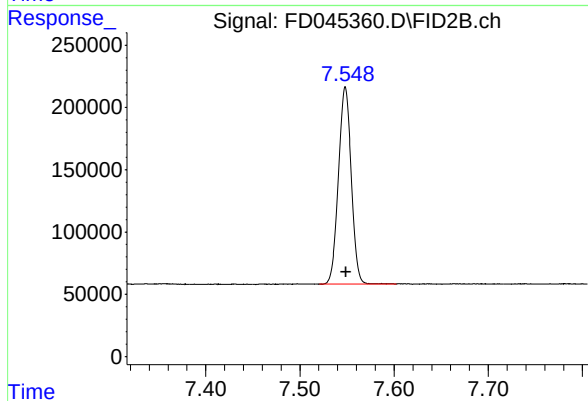
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 1769258
Conc: 11.14 ug/ml



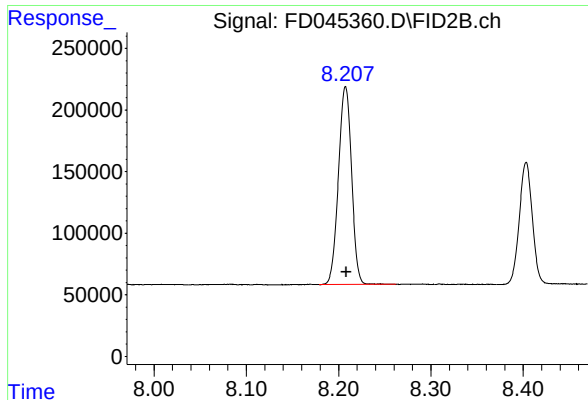
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 1750620
Conc: 11.07 ug/ml



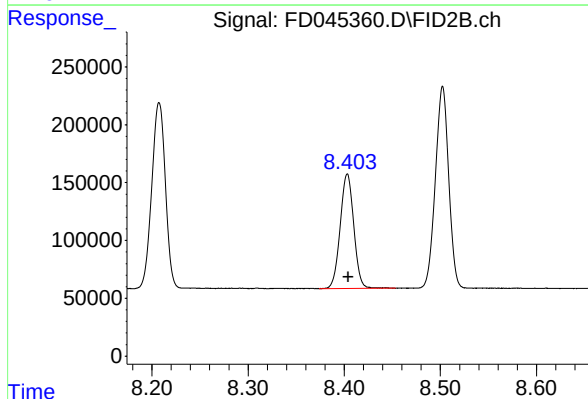
#4 2-Bromonaphthalene (SURR)

R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 1491879
Conc: 10.99 ug/ml



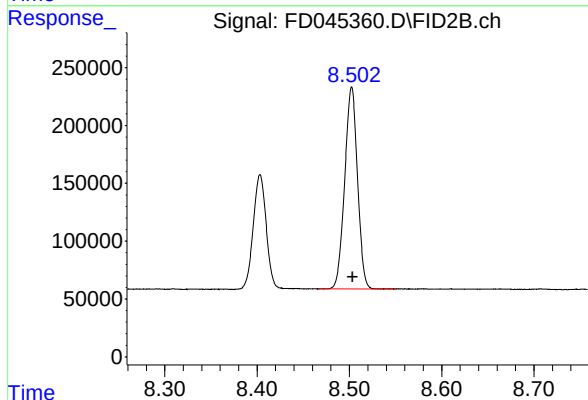
#5 Acenaphthylene (C15.06)

R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 1588150
Conc: 10.98 ug/ml



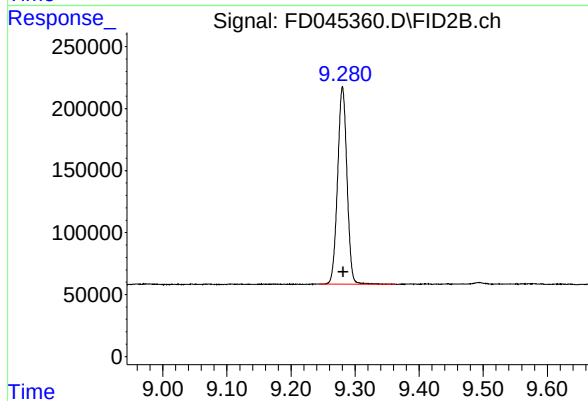
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 971710
Conc: 10.90 ug/ml



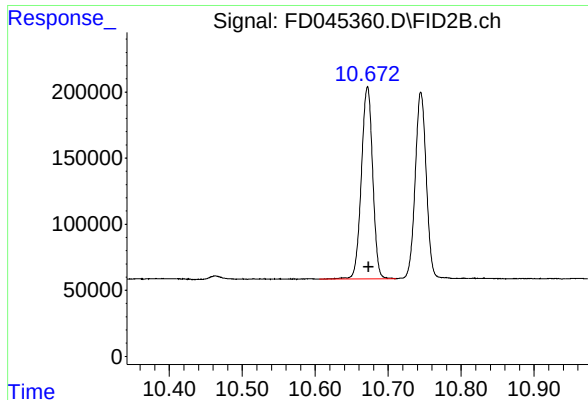
#7 Acenaphthene (C15.5)

R.T.: 8.502 min
Delta R.T.: -0.001 min
Response: 1684354
Conc: 10.97 ug/ml



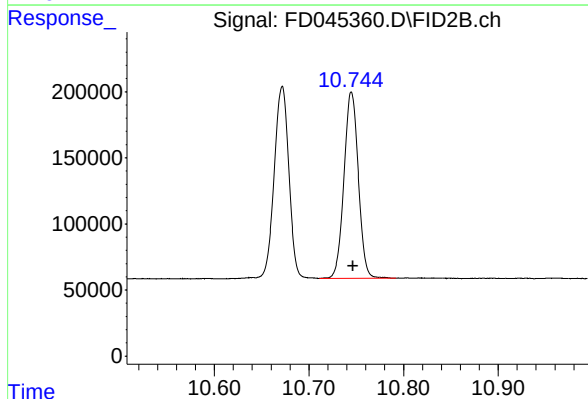
#8 Flouorene (C16.55)

R.T.: 9.281 min
Delta R.T.: -0.001 min
Response: 1614909
Conc: 10.92 ug/ml



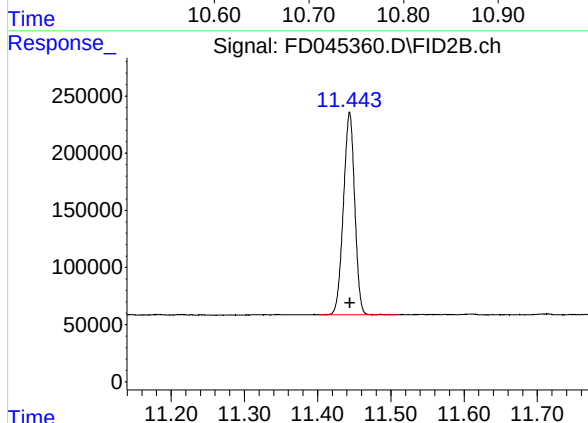
#9 Phenanthrene (C19.36)

R.T.: 10.672 min
Delta R.T.: -0.002 min
Response: 1566057
Conc: 10.90 ug/ml



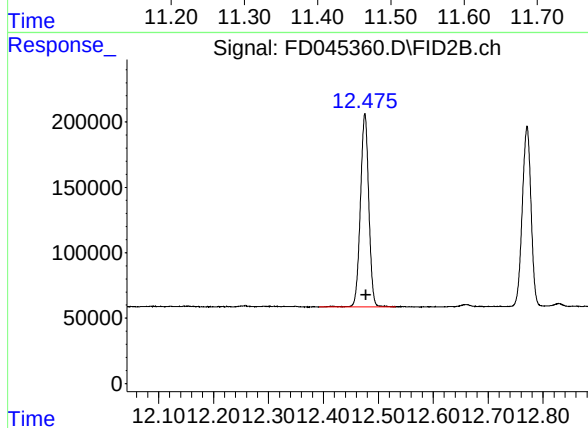
#10 Anthracene (C19.43)

R.T.: 10.745 min
Delta R.T.: -0.002 min
Response: 1483238
Conc: 10.82 ug/ml



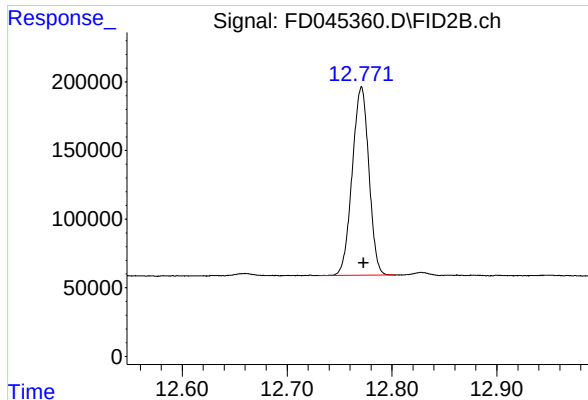
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.000 min
Response: 1899984
Conc: 11.11 ug/ml



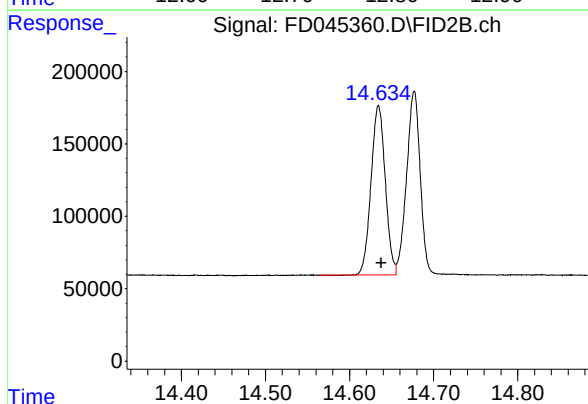
#12 Fluoranthene (C21.85)

R.T.: 12.476 min
Delta R.T.: -0.002 min
Response: 1566201
Conc: 11.02 ug/ml



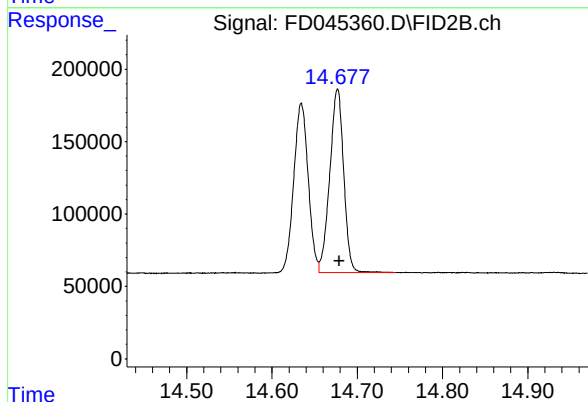
#13 Pyrene (C20.8)

R.T.: 12.771 min
Delta R.T.: -0.002 min
Response: 1517110
Conc: 10.94 ug/ml



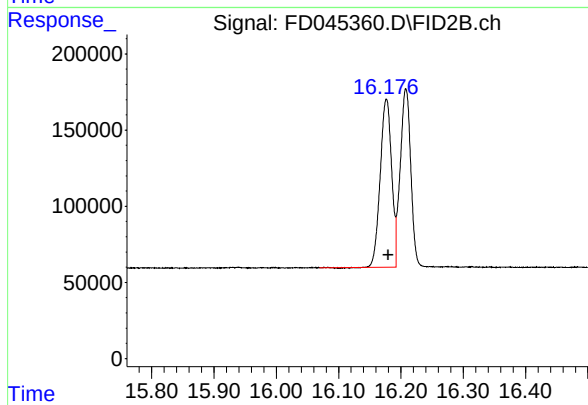
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.634 min
Delta R.T.: -0.003 min
Response: 1378317
Conc: 10.90 ug/ml



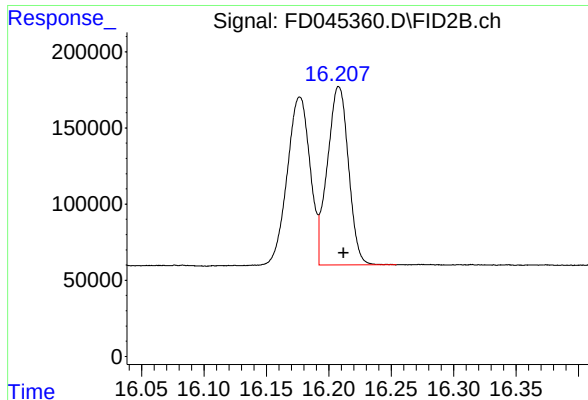
#15 Chrysene (C27.41)

R.T.: 14.677 min
Delta R.T.: -0.002 min
Response: 1439108
Conc: 11.04 ug/ml



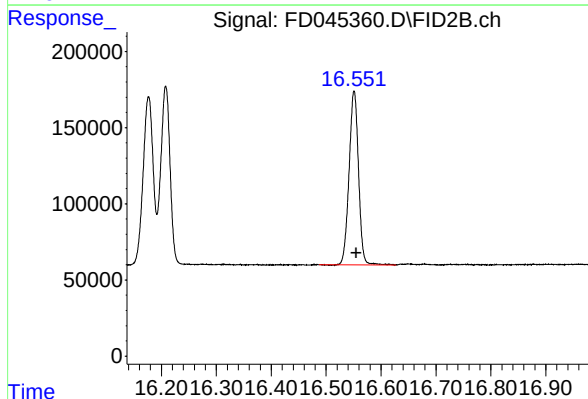
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.177 min
Delta R.T.: -0.003 min
Response: 1396600
Conc: 10.90 ug/ml



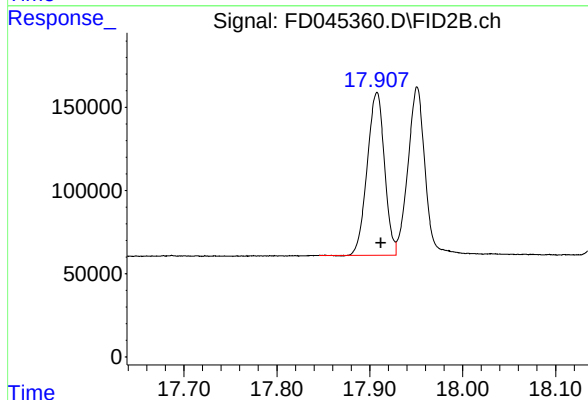
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.208 min
Delta R.T.: -0.004 min
Response: 1379463
Conc: 11.05 ug/ml



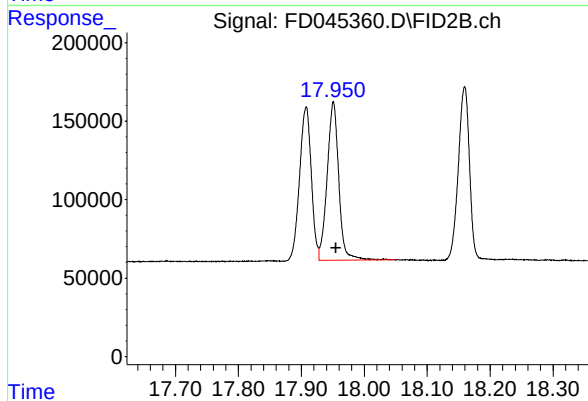
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.551 min
Delta R.T.: -0.004 min
Response: 1362272
Conc: 10.96 ug/ml



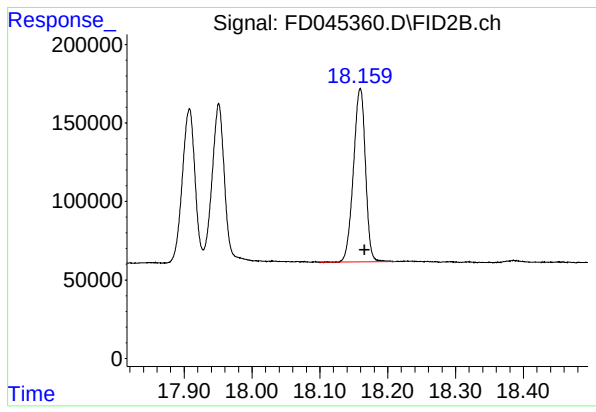
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.907 min
Delta R.T.: -0.004 min
Response: 1263101
Conc: 10.76 ug/ml



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

R.T.: 17.951 min
Delta R.T.: -0.004 min
Response: 1301324
Conc: 11.21 ug/ml



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

R.T.: 18.159 min
Delta R.T.: -0.006 min
Response: 1354668
Conc: 11.02 ug/ml