

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070318AR\
 Data File : FD024846.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jul 2018 11:48
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 03 14:39:59 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.475	2182673	23.860 ug/ml
Spiked Amount 50.000		Recovery =	47.72%
6) S 2-Fluorobiphenyl (SURR)	8.329	1472264	23.213 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.43%
11) S ortho-Terphenyl (SURR)	11.378	2141137	21.335 ug/ml
Spiked Amount 50.000		Recovery =	42.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.268	2141783	23.045 ug/ml
2) T Naphthalene (C11.7)	5.807	2404713	23.698 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	2421592	23.817 ug/ml
5) T Acenaphthylene (C15.06)	8.134	2322709	23.262 ug/ml
7) T Acenaphthene (C15.5)	8.429	2420499	23.172 ug/ml
8) T Flouorene (C16.55)	9.209	2349529	22.487 ug/ml
9) T Phenanthrene (C19.36)	10.603	2146537	20.877 ug/ml
10) T Anthracene (C19.43)	10.676	2079458	20.397 ug/ml
12) T Fluoranthene (C21.85)	12.411	1908604	19.141 ug/ml
13) T Pyrene (C20.8)	12.706	1881971	18.926 ug/ml
14) T Benzo[a]anthracene (C...	14.578	1779477	18.955 ug/ml
15) T Chrysene (C27.41)	14.619	1797028	18.996 ug/ml
16) T benzo[b]fluoranthene ...	16.126	1978979	19.137 ug/ml
17) T Bnezo[k]fluoranthene ...	16.159	1980198	18.765 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.503	1992376	19.172 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.866	2003189	18.794 ug/ml
20) T Dibenz[a,h]anthracene...	17.908	2034497	19.452 ug/ml
21) T Benzo[g,h,i]perylene ...	18.119	2016110	18.981 ug/ml

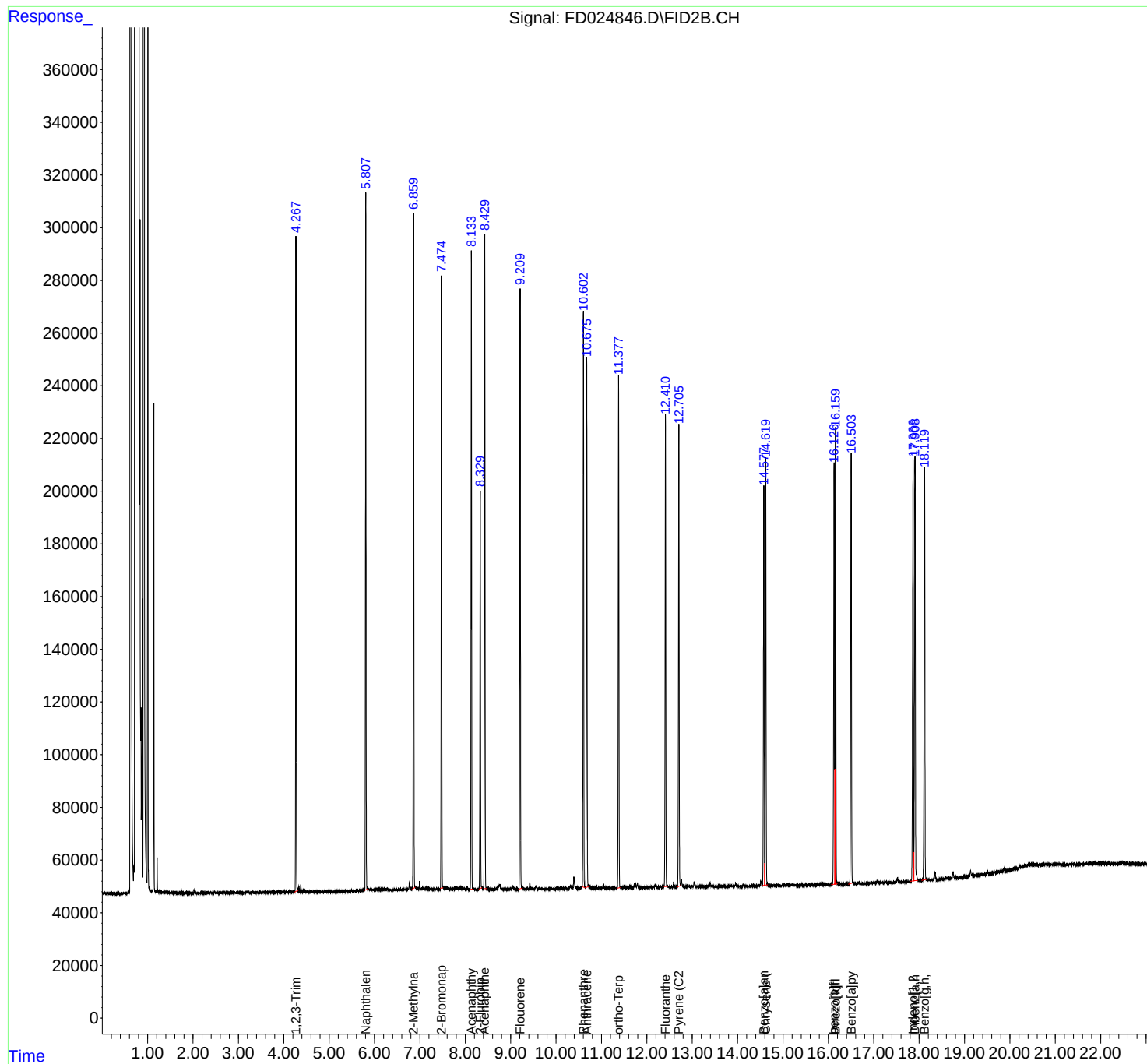
(f)=RT Delta > 1/2 Window

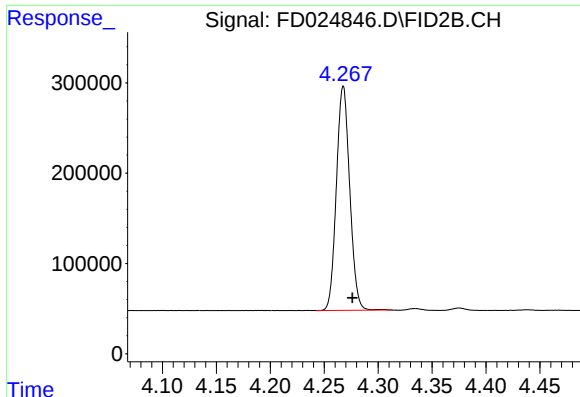
(m)=manual int.

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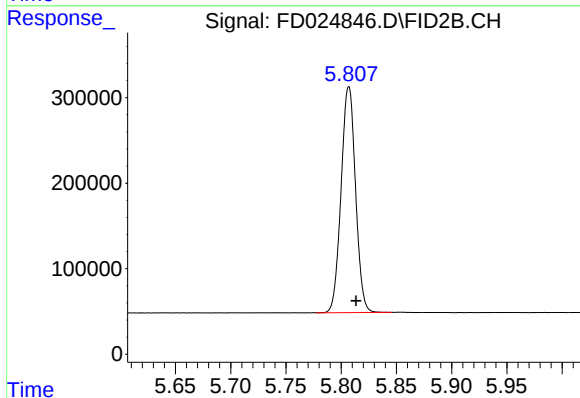
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Signal Info : 20M x 0.18mm x 0.18µm





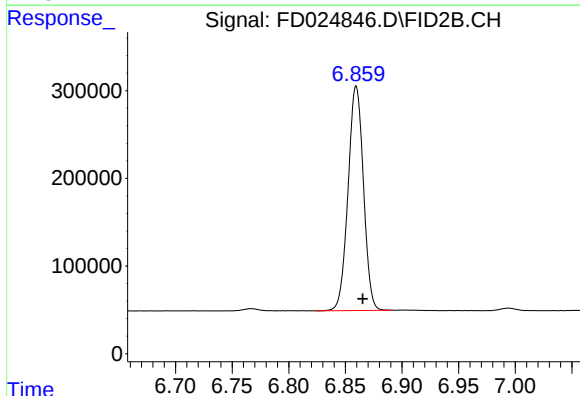
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.268 min
Delta R.T.: -0.009 min
Response: 2141783
Conc: 23.05 ug/ml



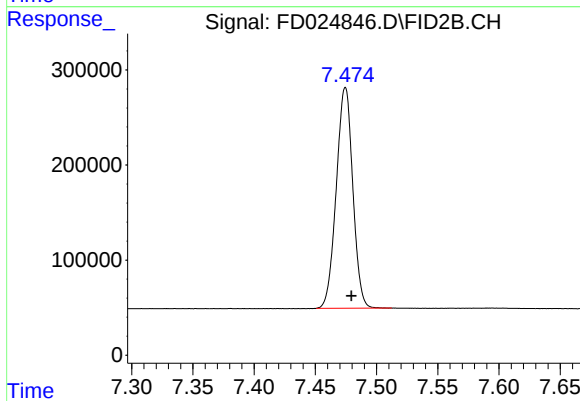
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.006 min
Response: 2404713
Conc: 23.70 ug/ml



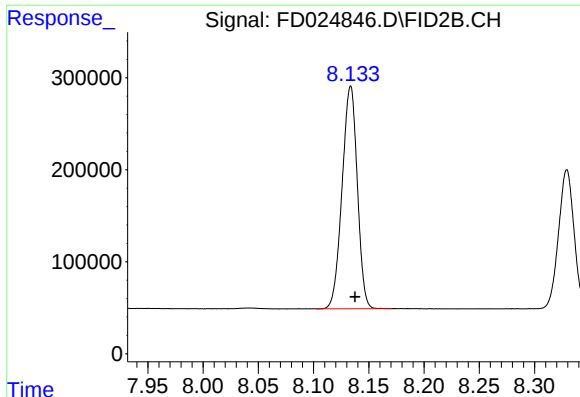
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: -0.006 min
Response: 2421592
Conc: 23.82 ug/ml



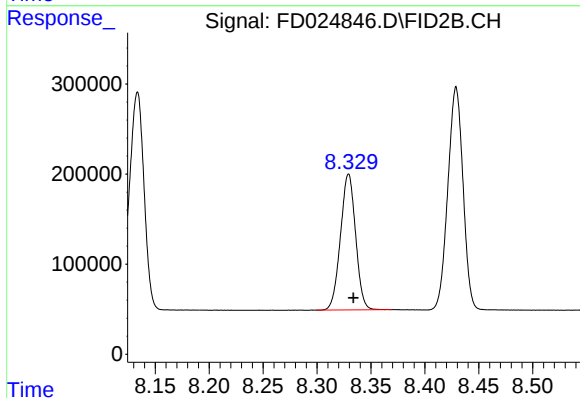
#4 2-Bromonaphthalene (SURR)

R.T.: 7.475 min
Delta R.T.: -0.005 min
Response: 2182673
Conc: 23.86 ug/ml



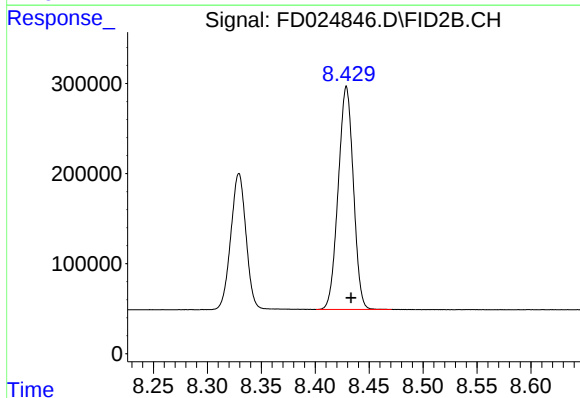
#5 Acenaphthylene (C15.06)

R.T.: 8.134 min
Delta R.T.: -0.004 min
Response: 2322709
Conc: 23.26 ug/ml



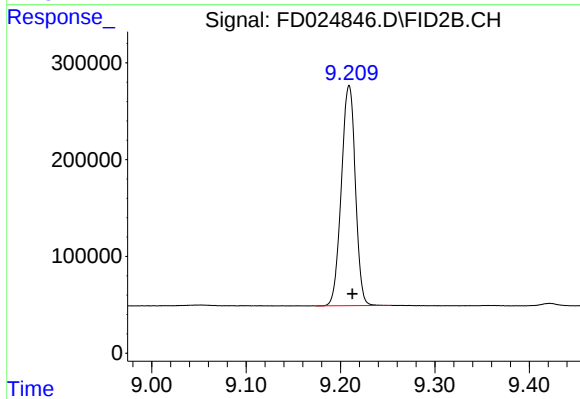
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.329 min
Delta R.T.: -0.004 min
Response: 1472264
Conc: 23.21 ug/ml



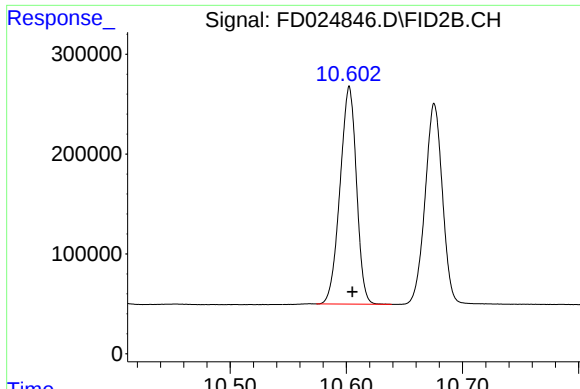
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: -0.004 min
Response: 2420499
Conc: 23.17 ug/ml



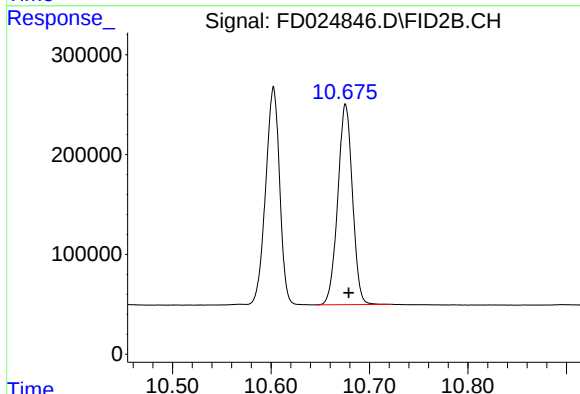
#8 Fluorene (C16.55)

R.T.: 9.209 min
Delta R.T.: -0.004 min
Response: 2349529
Conc: 22.49 ug/ml



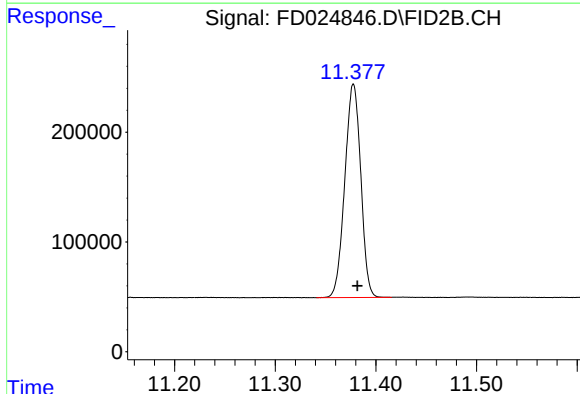
#9 Phenanthrene (C19.36)

R.T.: 10.603 min
Delta R.T.: -0.003 min
Response: 2146537
Conc: 20.88 ug/ml



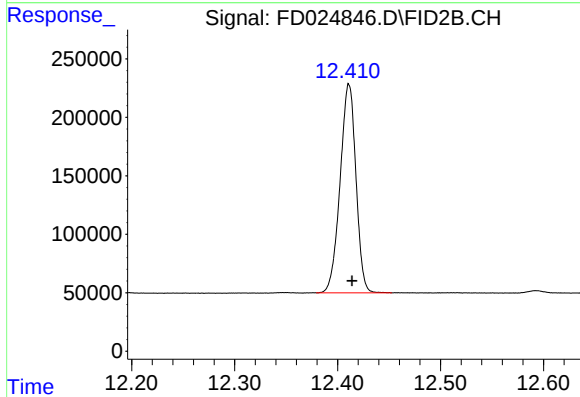
#10 Anthracene (C19.43)

R.T.: 10.676 min
Delta R.T.: -0.003 min
Response: 2079458
Conc: 20.40 ug/ml



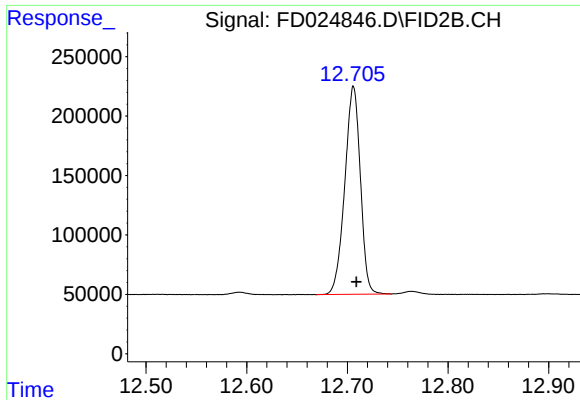
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: -0.004 min
Response: 2141137
Conc: 21.34 ug/ml



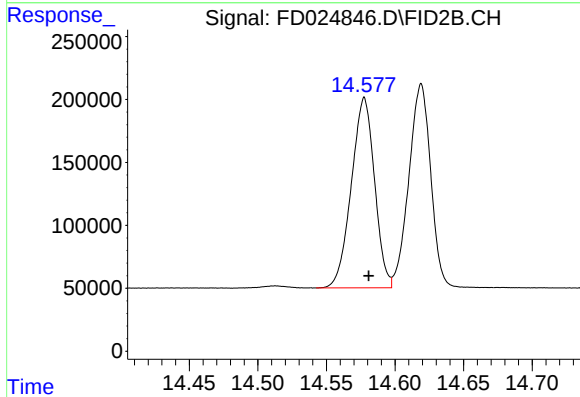
#12 Fluoranthene (C21.85)

R.T.: 12.411 min
Delta R.T.: -0.003 min
Response: 1908604
Conc: 19.14 ug/ml



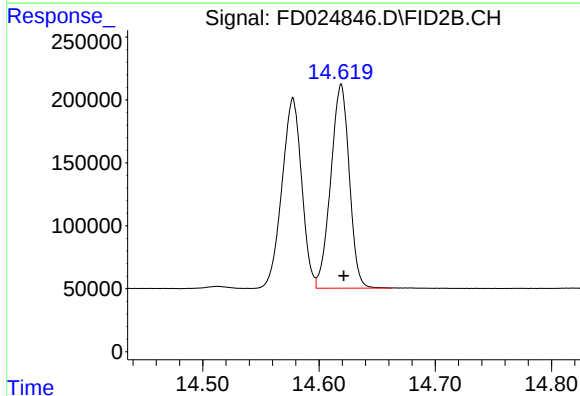
#13 Pyrene (C20.8)

R.T.: 12.706 min
Delta R.T.: -0.003 min
Response: 1881971
Conc: 18.93 ug/ml



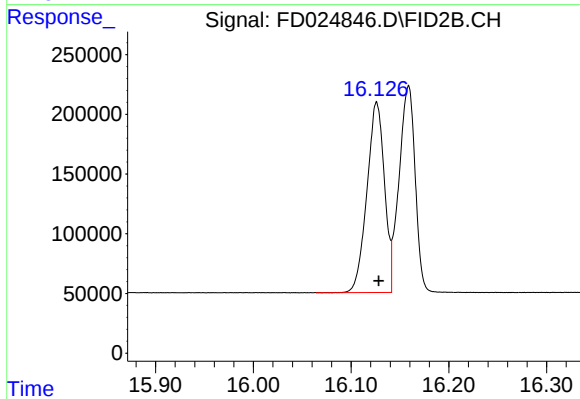
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.003 min
Response: 1779477
Conc: 18.95 ug/ml



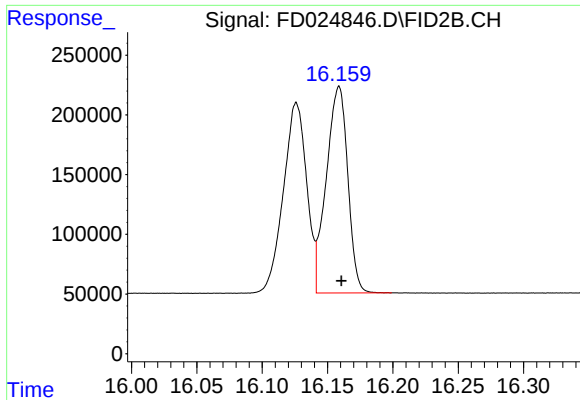
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.002 min
Response: 1797028
Conc: 19.00 ug/ml



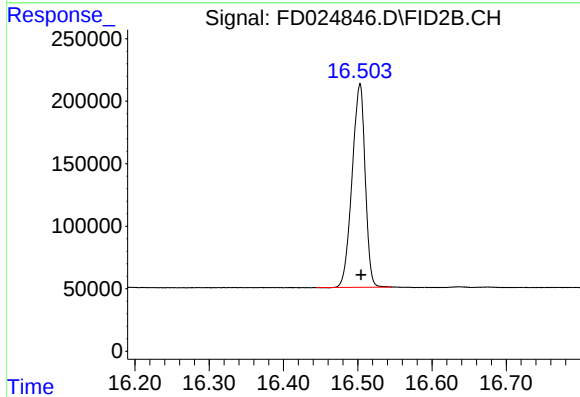
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.126 min
Delta R.T.: -0.002 min
Response: 1978979
Conc: 19.14 ug/ml



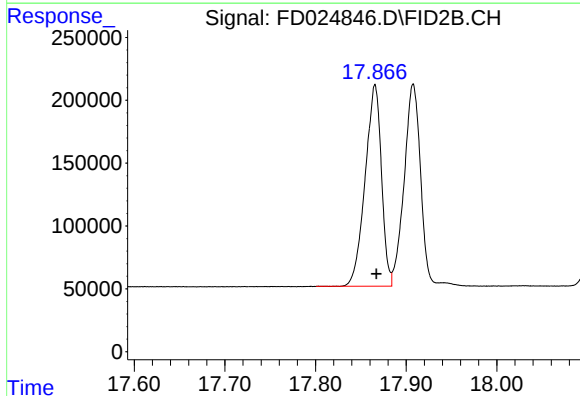
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.159 min
Delta R.T.: -0.002 min
Response: 1980198
Conc: 18.77 ug/ml



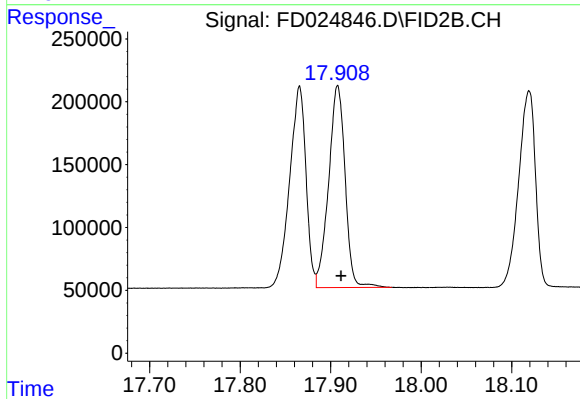
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.503 min
Delta R.T.: -0.002 min
Response: 1992376
Conc: 19.17 ug/ml



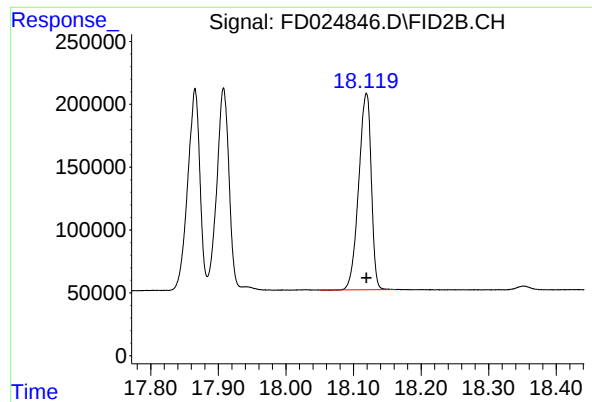
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.866 min
Delta R.T.: -0.001 min
Response: 2003189
Conc: 18.79 ug/ml



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

R.T.: 17.908 min
Delta R.T.: -0.004 min
Response: 2034497
Conc: 19.45 ug/ml



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

R.T.: 18.119 min
Delta R.T.: 0.000 min
Response: 2016110
Conc: 18.98 ug/ml