

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092618AR\
 Data File : FD025726.D
 Signal(s) : FID2B.CH
 Acq On : 26 Sep 2018 11:02
 Operator : AJ\SJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 13:08:09 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:07:19 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...	7.430	3863042	48.947 ug/ml
Spiked Amount 50.000		Recovery =	97.89%
6) S 2-Fluorobiphenyl (SURR)	8.283	2697674	48.650 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.30%
11) S ortho-Terphenyl (SURR)	11.327	4158323	47.208 ug/ml
Spiked Amount 50.000		Recovery =	94.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.230	4271100	49.972 ug/ml
2) T Naphthalene (C11.7)	5.765	4578934	49.665 ug/ml
3) T 2-Methylnaphthalene (...)	6.817	4429572	49.295 ug/ml
5) T Acenaphthylene (C15.06)	8.088	4248208	48.496 ug/ml
7) T Acenaphthene (C15.5)	8.384	4423039	48.403 ug/ml
8) T Flouorene (C16.55)	9.162	4368790	48.127 ug/ml
9) T Phenanthrene (C19.36)	10.554	4542366	48.023 ug/ml
10) T Anthracene (C19.43)	10.628	4459018	47.959 ug/ml
12) T Fluoranthene (C21.85)	12.361	4786816	47.892 ug/ml
13) T Pyrene (C20.8)	12.656	4863115	48.005 ug/ml
14) T Benzo[a]anthracene (C...	14.526	4780172	48.119 ug/ml
15) T Chrysene (C27.41)	14.570	4801501	48.144 ug/ml
16) T benzo[b]fluoranthene ...	16.073	4869457	48.208 ug/ml
17) T Bnezo[k]fluoranthene ...	16.109	4818382	47.890 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.450	4864902	48.379 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	4762488	48.632 ug/ml
20) T Dibenz[a,h]anthracene...	17.854	4655885	47.445 ug/ml
21) T Benzo[g,h,i]perylene ...	18.069	4783940	48.268 ug/ml

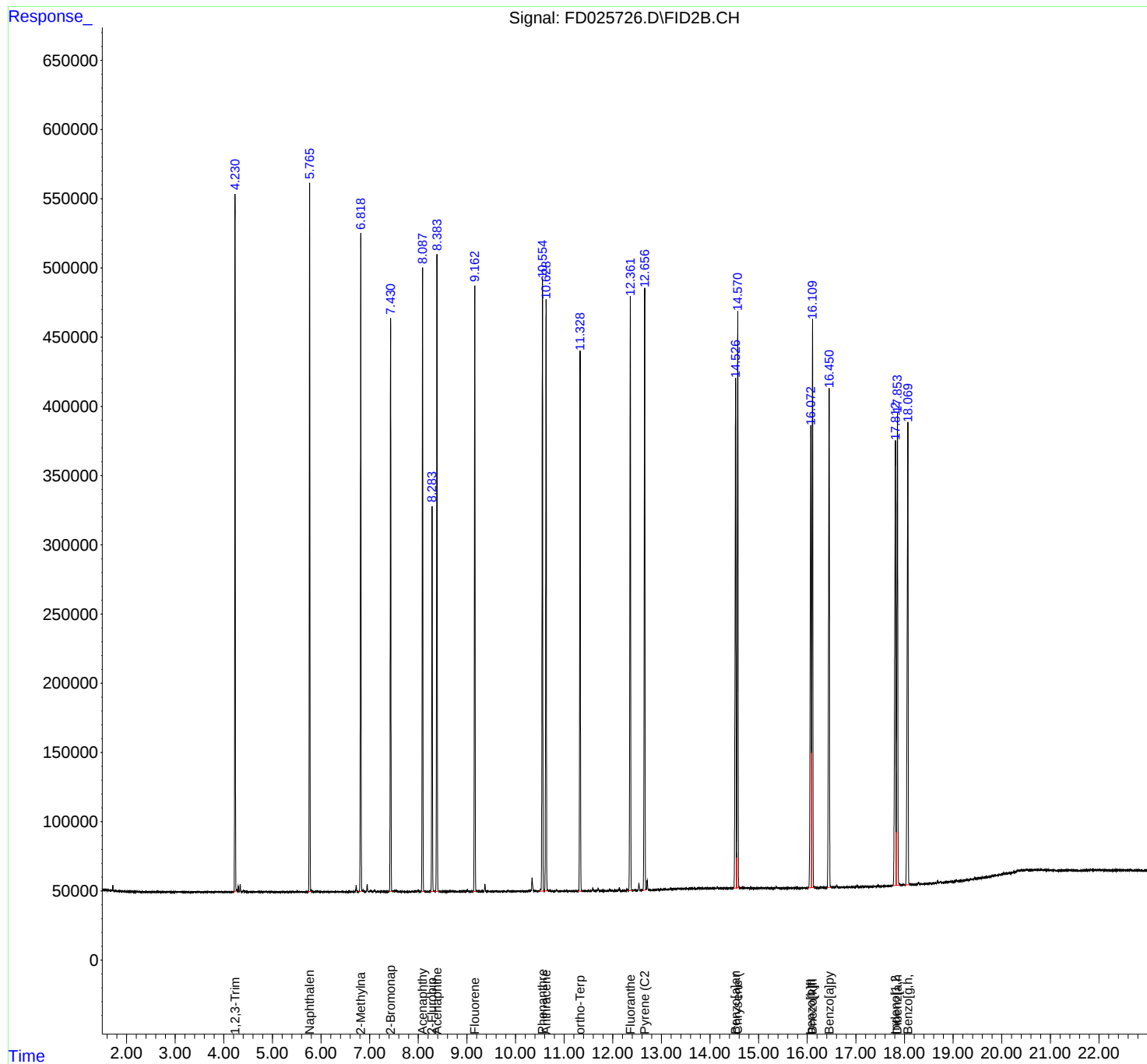
(f)=RT Delta > 1/2 Window

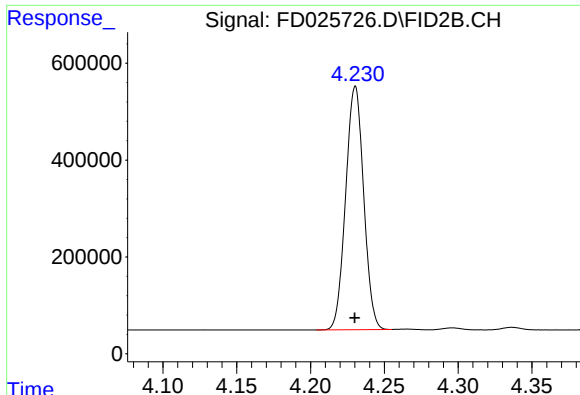
(m)=manual int.

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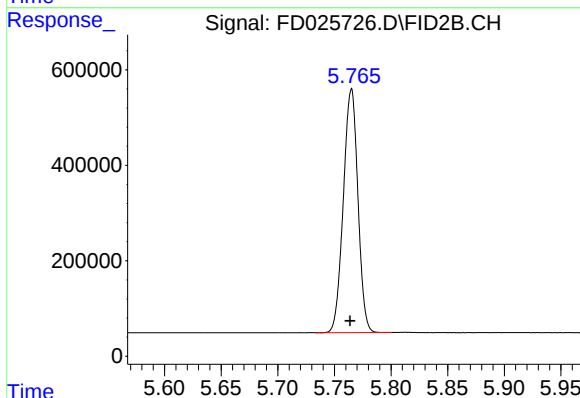
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Signal Info : 20M x 0.18mm x 0.18µm





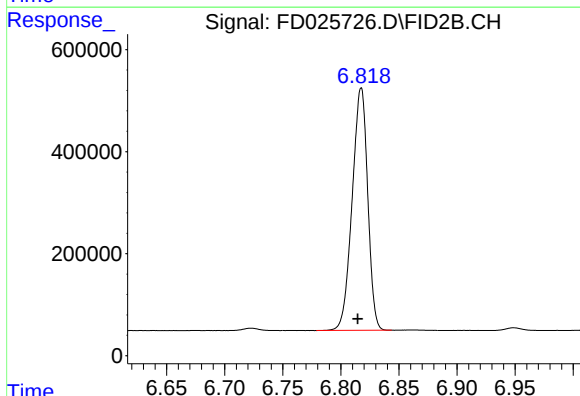
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 4271100
Conc: 49.97 ug/ml



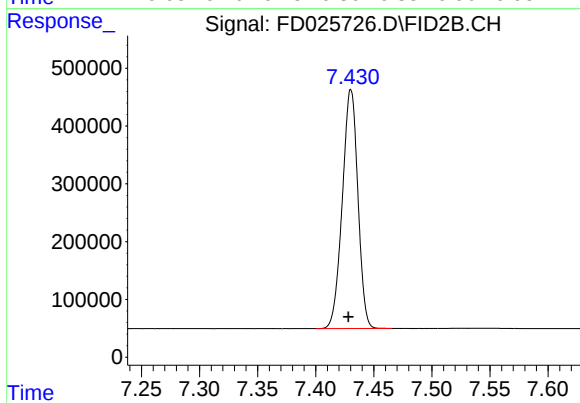
#2 Naphthalene (C11.7)

R.T.: 5.765 min
Delta R.T.: 0.001 min
Response: 4578934
Conc: 49.67 ug/ml



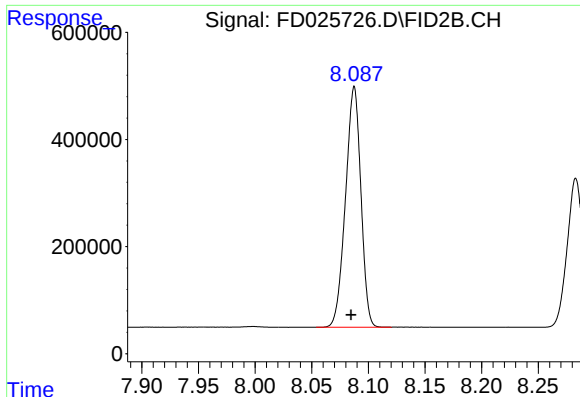
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.817 min
Delta R.T.: 0.003 min
Response: 4429572
Conc: 49.30 ug/ml



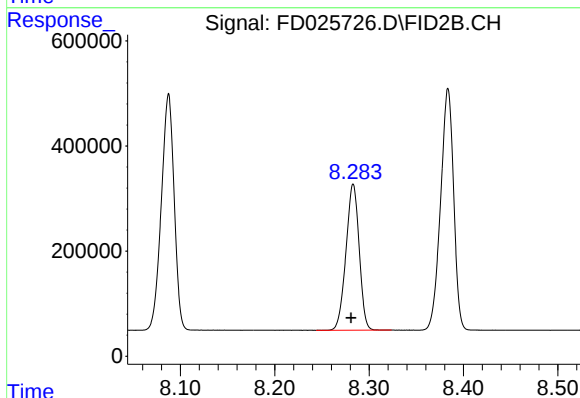
#4 2-Bromonaphthalene (SURR)

R.T.: 7.430 min
Delta R.T.: 0.002 min
Response: 3863042
Conc: 48.95 ug/ml



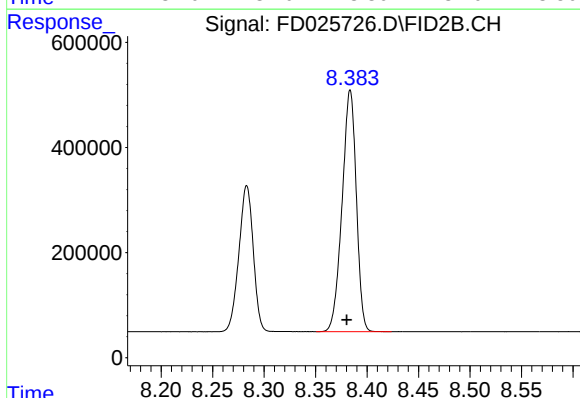
#5 Acenaphthylene (C15.06)

R.T.: 8.088 min
Delta R.T.: 0.003 min
Response: 4248208
Conc: 48.50 ug/ml



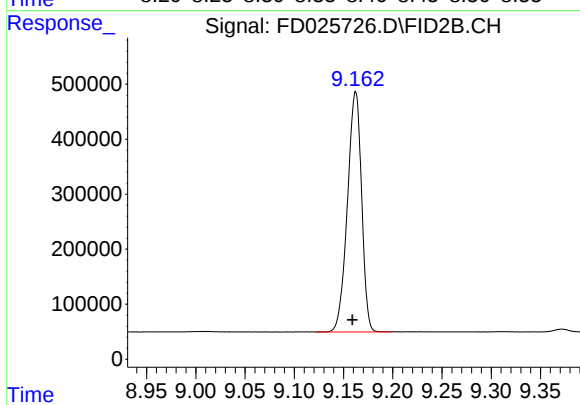
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.283 min
Delta R.T.: 0.002 min
Response: 2697674
Conc: 48.65 ug/ml



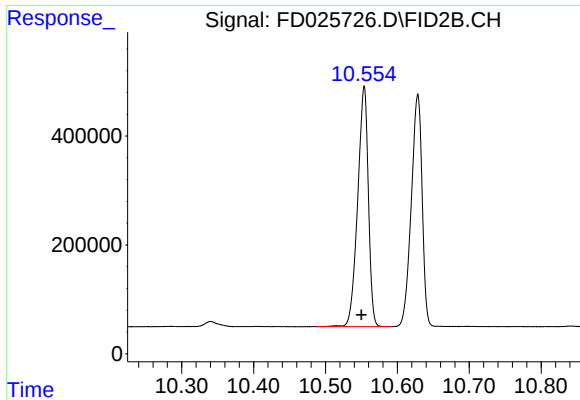
#7 Acenaphthene (C15.5)

R.T.: 8.384 min
Delta R.T.: 0.003 min
Response: 4423039
Conc: 48.40 ug/ml



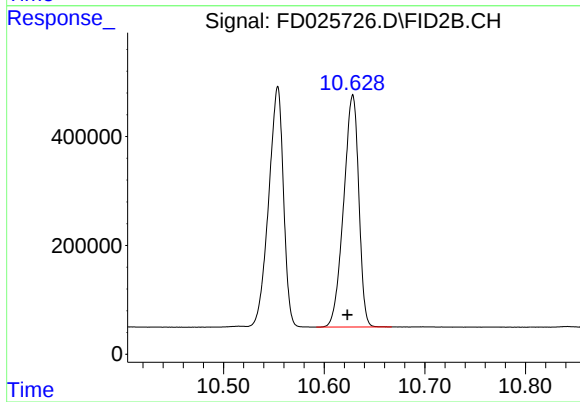
#8 Fluorene (C16.55)

R.T.: 9.162 min
Delta R.T.: 0.003 min
Response: 4368790
Conc: 48.13 ug/ml



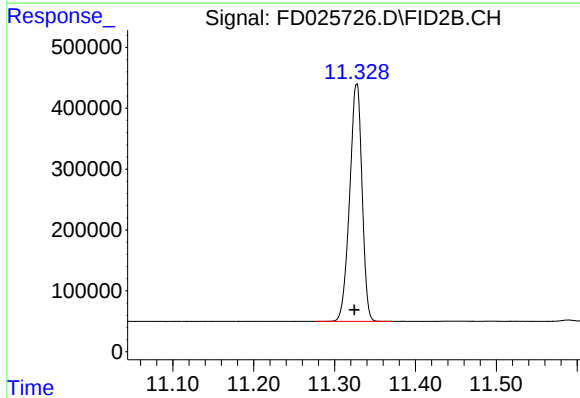
#9 Phenanthrene (C19.36)

R.T.: 10.554 min
Delta R.T.: 0.004 min
Response: 4542366
Conc: 48.02 ug/ml



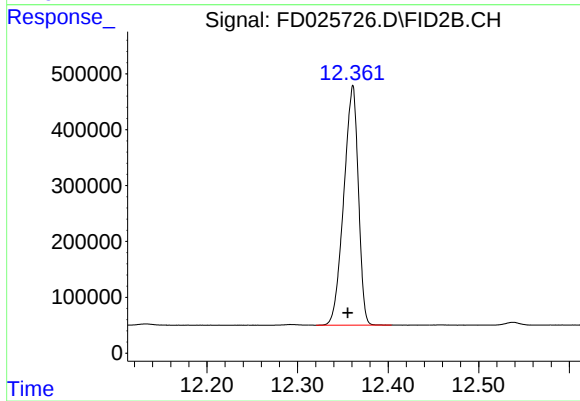
#10 Anthracene (C19.43)

R.T.: 10.628 min
Delta R.T.: 0.005 min
Response: 4459018
Conc: 47.96 ug/ml



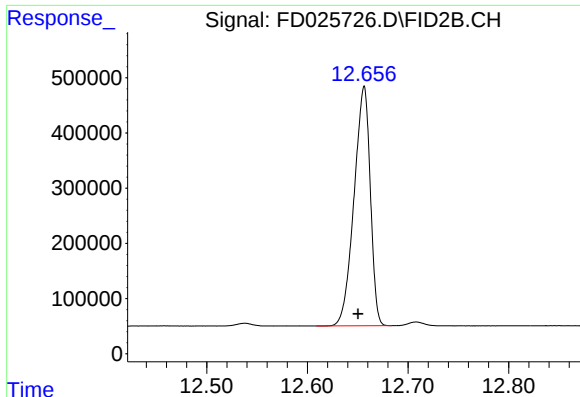
#11 ortho-Terphenyl (SURR)

R.T.: 11.327 min
Delta R.T.: 0.003 min
Response: 4158323
Conc: 47.21 ug/ml



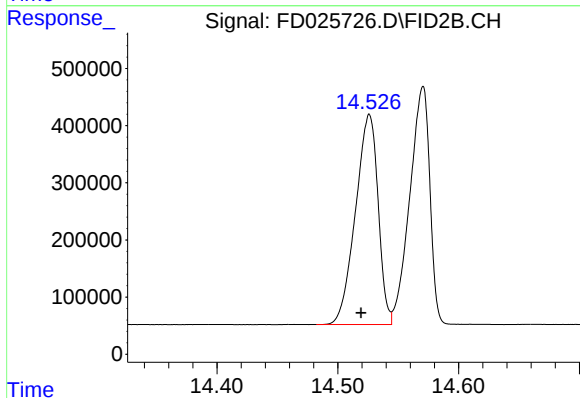
#12 Fluoranthene (C21.85)

R.T.: 12.361 min
Delta R.T.: 0.006 min
Response: 4786816
Conc: 47.89 ug/ml



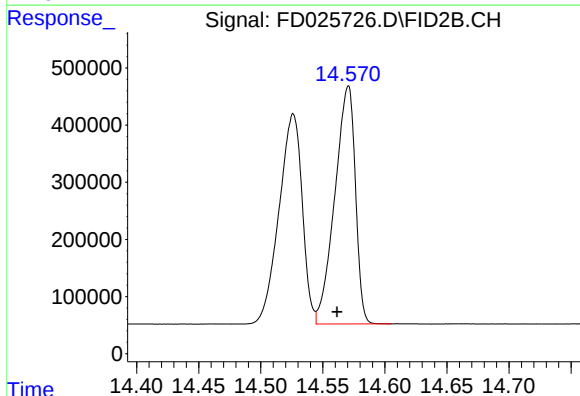
#13 Pyrene (C20.8)

R.T.: 12.656 min
Delta R.T.: 0.006 min
Response: 4863115
Conc: 48.01 ug/ml



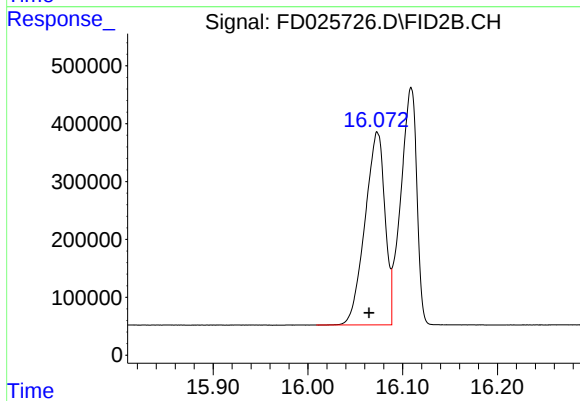
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.526 min
Delta R.T.: 0.007 min
Response: 4780172
Conc: 48.12 ug/ml



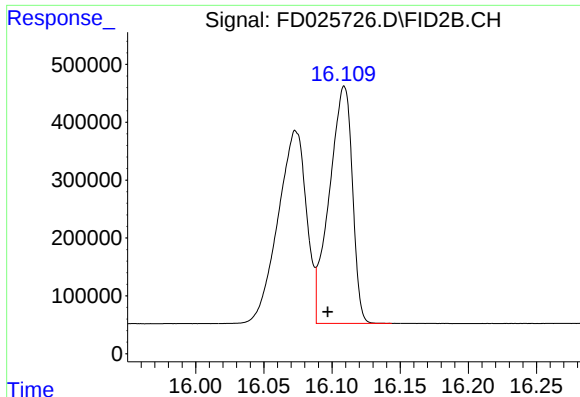
#15 Chrysene (C27.41)

R.T.: 14.570 min
Delta R.T.: 0.009 min
Response: 4801501
Conc: 48.14 ug/ml



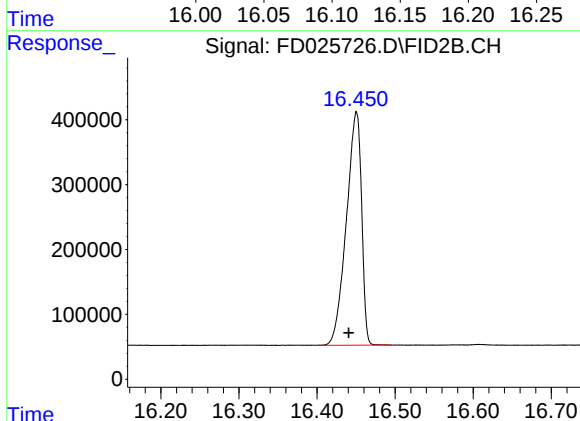
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.073 min
Delta R.T.: 0.009 min
Response: 4869457
Conc: 48.21 ug/ml



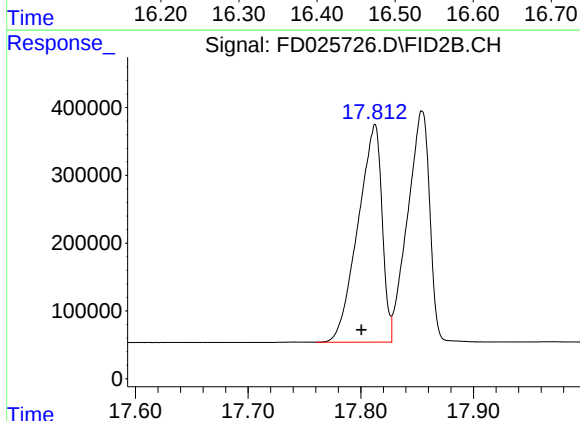
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.109 min
Delta R.T.: 0.012 min
Response: 4818382
Conc: 47.89 ug/ml



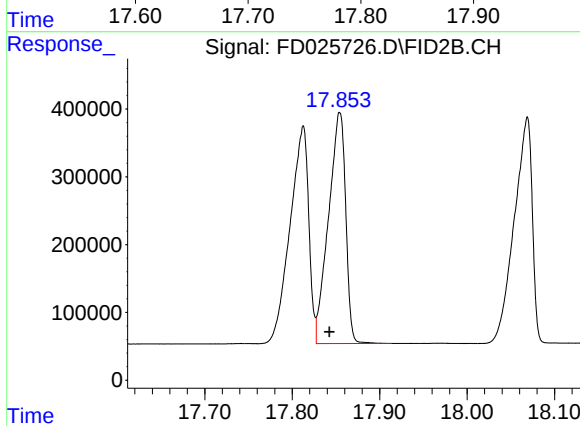
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.450 min
Delta R.T.: 0.010 min
Response: 4864902
Conc: 48.38 ug/ml



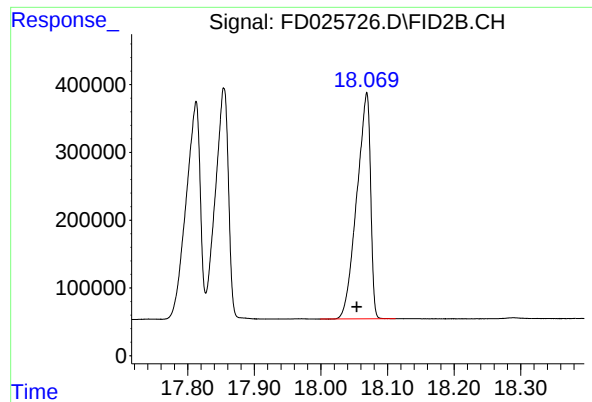
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min
Delta R.T.: 0.012 min
Response: 4762488
Conc: 48.63 ug/ml



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

R.T.: 17.854 min
Delta R.T.: 0.012 min
Response: 4655885
Conc: 47.45 ug/ml



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

R.T.: 18.069 min
Delta R.T.: 0.015 min
Response: 4783940
Conc: 48.27 ug/ml