

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082321AR\
 Data File : FD038689.D
 Signal(s) : FID2B.CH
 Acq On : 23 Aug 2021 15:07
 Operator : AJ\MA
 Sample : PB138603BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 24 01:46:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 2021
 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...	7.465	5924128	46.745 ug/ml
Spiked Amount 50.000		Recovery =	93.49%
6) S 2-Fluorobiphenyl (SURR)	8.326	3873074	44.608 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.22%
11) S ortho-Terphenyl (SURR)	11.362	6015121	41.932 ug/ml
Spiked Amount 50.000		Recovery =	83.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	6806652	48.535 ug/ml
2) T Naphthalene (C11.7)	5.804	6927545	47.570 ug/ml
3) T 2-Methylnaphthalene (...)	6.855	6726620	46.384 ug/ml
5) T Acenaphthylene (C15.06)	8.127	6338086	43.898 ug/ml
7) T Acenaphthene (C15.5)	8.423	6584513	43.989 ug/ml
8) T Flouorene (C16.55)	9.204	6150435	43.163 ug/ml
9) T Phenanthrene (C19.36)	10.598	5742918	40.686 ug/ml
10) T Anthracene (C19.43)	10.673	5423427	39.672 ug/ml
12) T Fluoranthene (C21.85)	12.409	5380337	38.304 ug/ml
13) T Pyrene (C20.8)	12.705	5307350	37.887 ug/ml
14) T Benzo[a]anthracene (C...	14.581	5010146	39.128 ug/ml
15) T Chrysene (C27.41)	14.624	5281059	38.237 ug/ml
16) T benzo[b]fluoranthene ...	16.135	5213626	41.692 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	5222947	39.618 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.516	4970187	41.587 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.889	5138571	46.638 ug/ml
20) T Dibenz[a,h]anthracene...	17.923	5266785	42.788 ug/ml
21) T Benzo[g,h,i]perylene ...	18.145	5209495	45.479 ug/ml

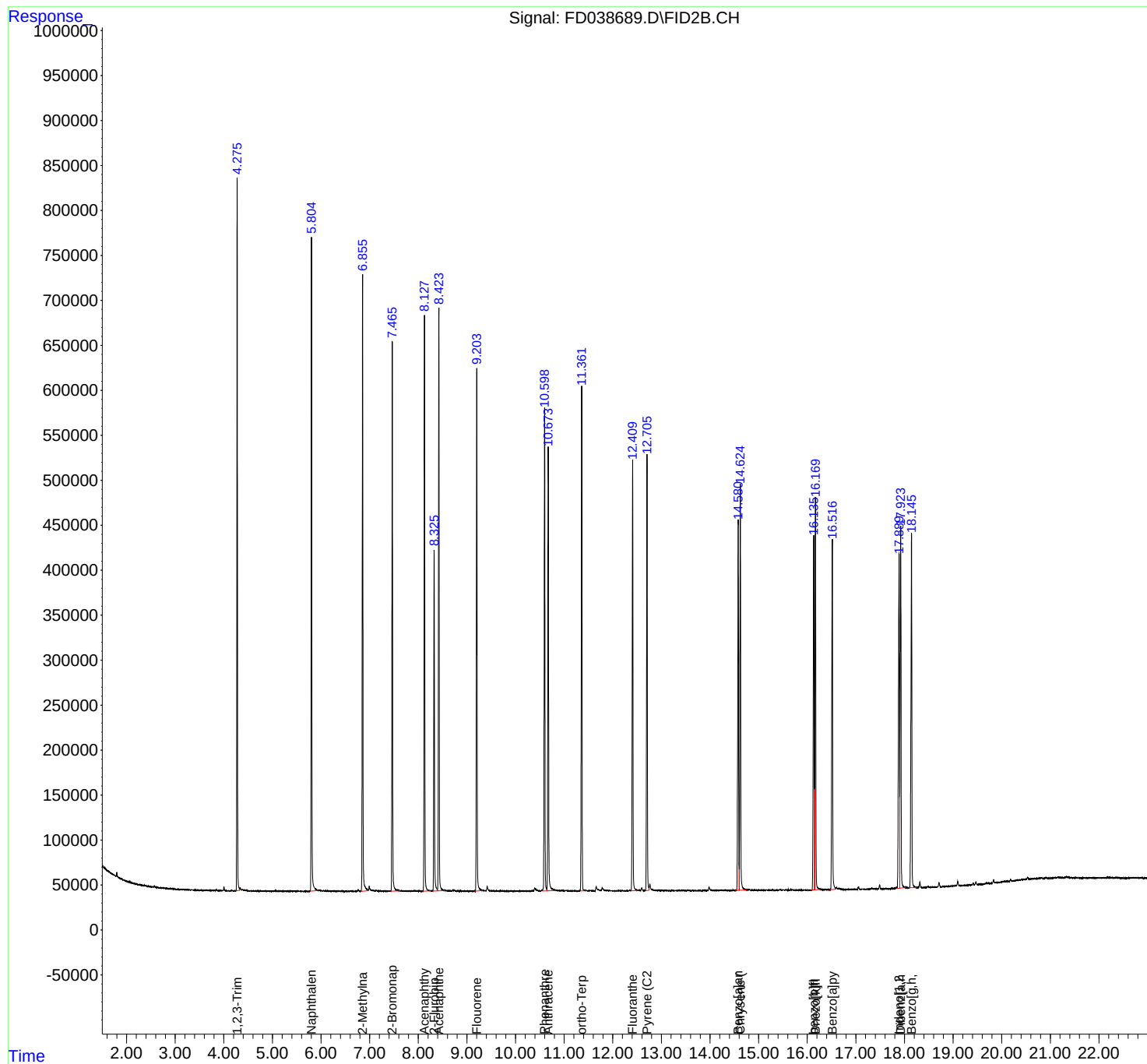
(f)=RT Delta > 1/2 Window

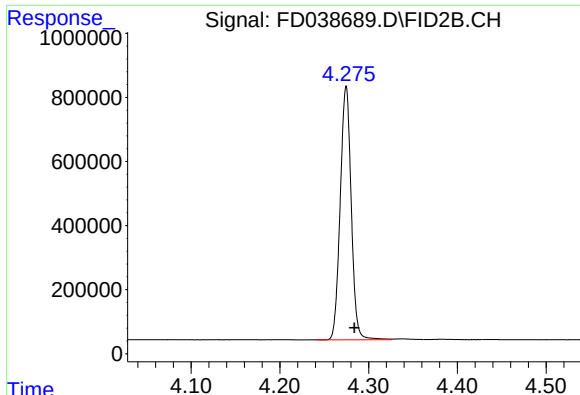
(m)=manual int.

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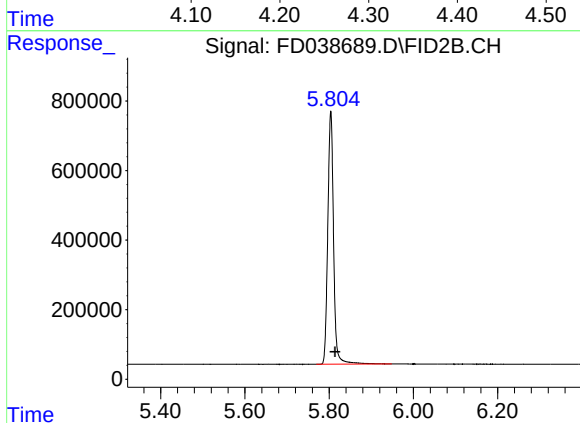
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Signal Info : 20M x 0.18mm x 0.18µm





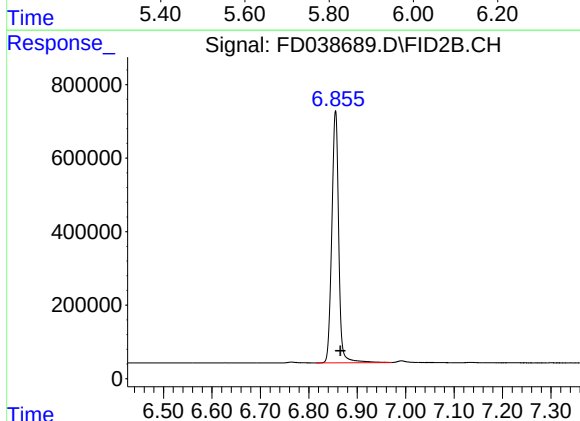
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.275 min
Delta R.T.: -0.009 min
Response: 6806652
Conc: 48.54 ug/ml



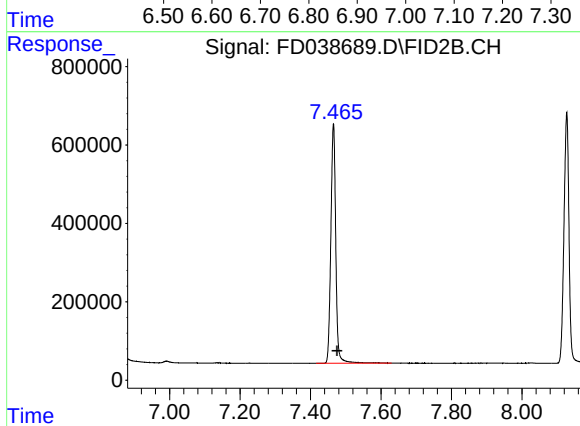
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.010 min
Response: 6927545
Conc: 47.57 ug/ml



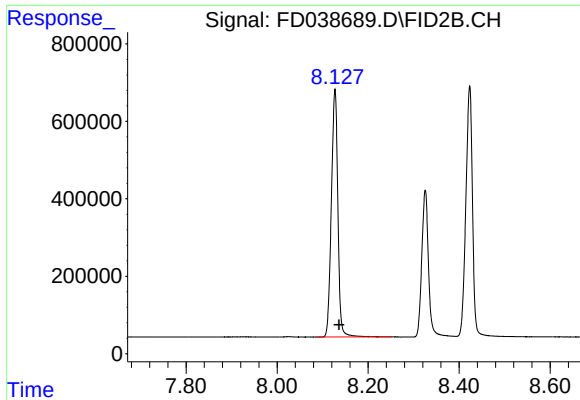
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: -0.010 min
Response: 6726620
Conc: 46.38 ug/ml



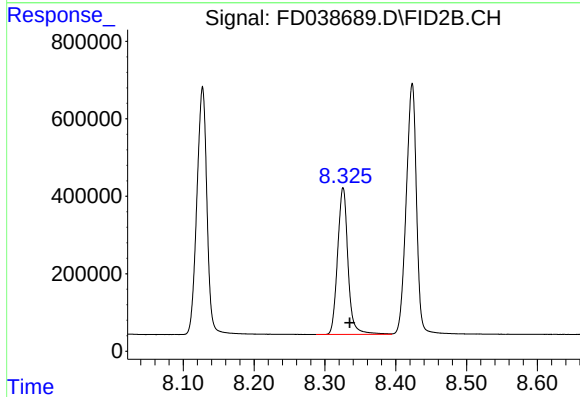
#4 2-Bromonaphthalene (SURR)

R.T.: 7.465 min
Delta R.T.: -0.010 min
Response: 5924128
Conc: 46.75 ug/ml



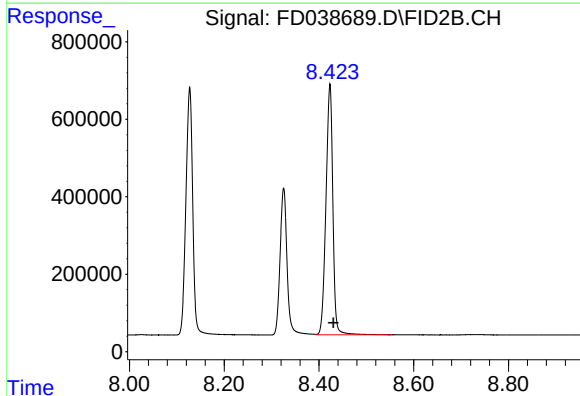
#5 Acenaphthylene (C15.06)

R.T.: 8.127 min
Delta R.T.: -0.009 min
Response: 6338086
Conc: 43.90 ug/ml



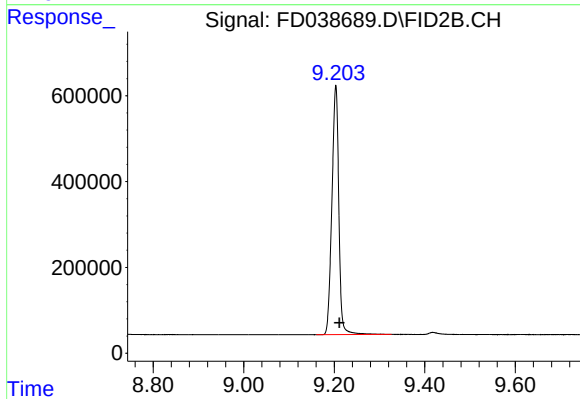
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.326 min
Delta R.T.: -0.009 min
Response: 3873074
Conc: 44.61 ug/ml



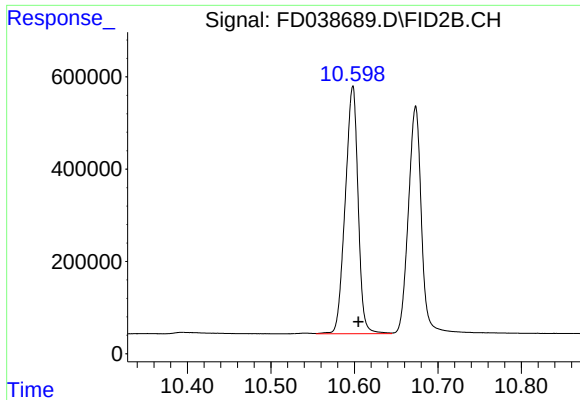
#7 Acenaphthene (C15.5)

R.T.: 8.423 min
Delta R.T.: -0.007 min
Response: 6584513
Conc: 43.99 ug/ml



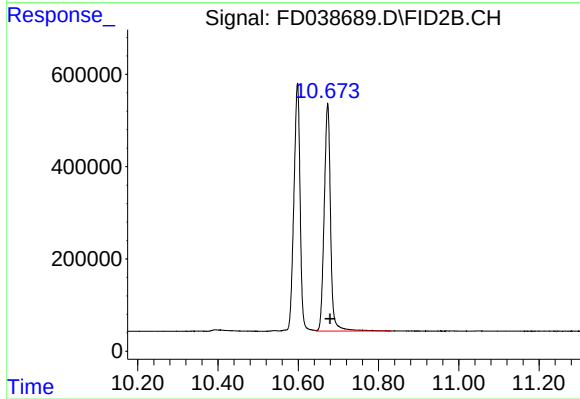
#8 Fluorene (C16.55)

R.T.: 9.204 min
Delta R.T.: -0.008 min
Response: 6150435
Conc: 43.16 ug/ml



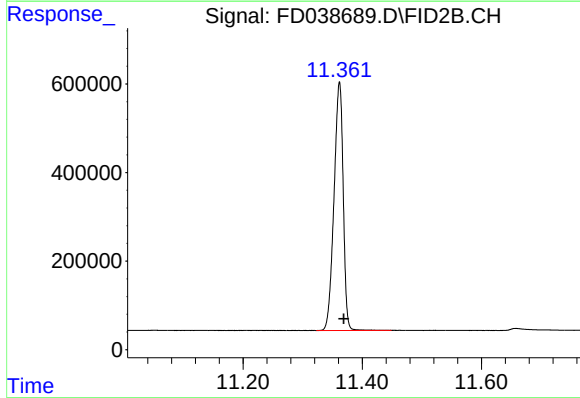
#9 Phenanthrene (C19.36)

R.T.: 10.598 min
Delta R.T.: -0.006 min
Response: 5742918
Conc: 40.69 ug/ml



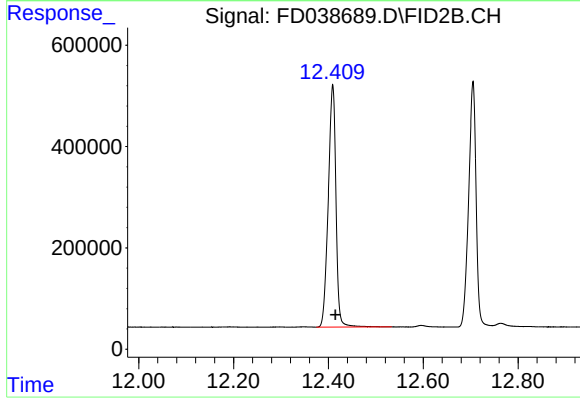
#10 Anthracene (C19.43)

R.T.: 10.673 min
Delta R.T.: -0.006 min
Response: 5423427
Conc: 39.67 ug/ml



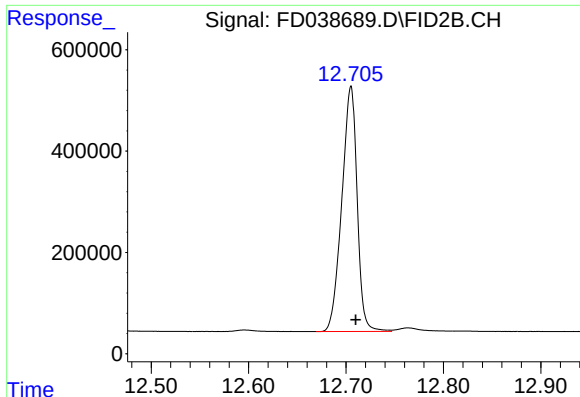
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: -0.007 min
Response: 6015121
Conc: 41.93 ug/ml



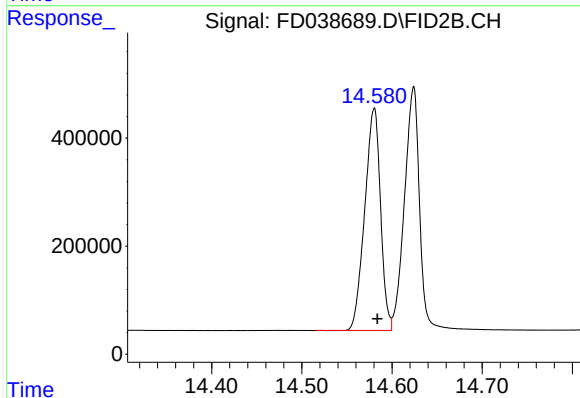
#12 Fluoranthene (C21.85)

R.T.: 12.409 min
Delta R.T.: -0.005 min
Response: 5380337
Conc: 38.30 ug/ml



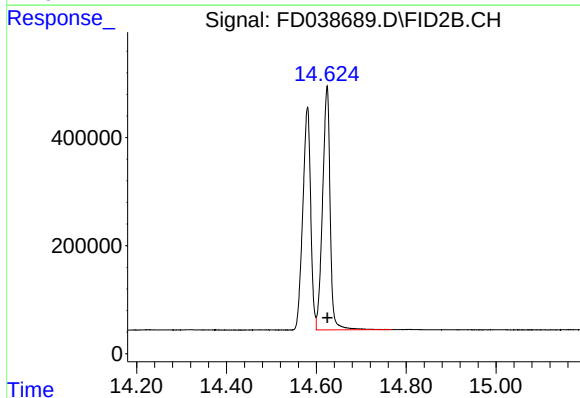
#13 Pyrene (C20.8)

R.T.: 12.705 min
Delta R.T.: -0.005 min
Response: 5307350
Conc: 37.89 ug/ml



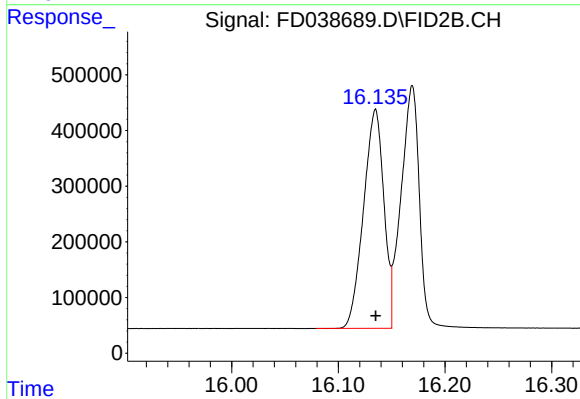
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.581 min
Delta R.T.: -0.003 min
Response: 5010146
Conc: 39.13 ug/ml



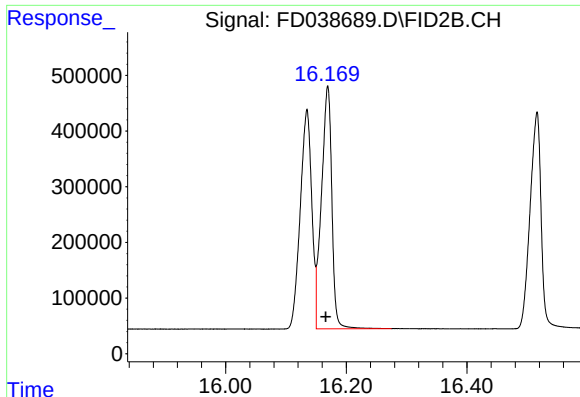
#15 Chrysene (C27.41)

R.T.: 14.624 min
Delta R.T.: 0.000 min
Response: 5281059
Conc: 38.24 ug/ml



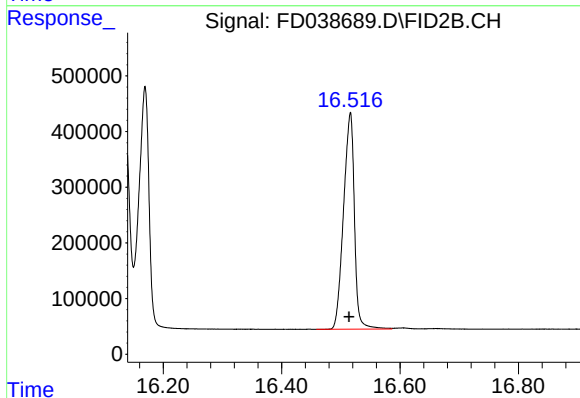
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.135 min
Delta R.T.: 0.000 min
Response: 5213626
Conc: 41.69 ug/ml



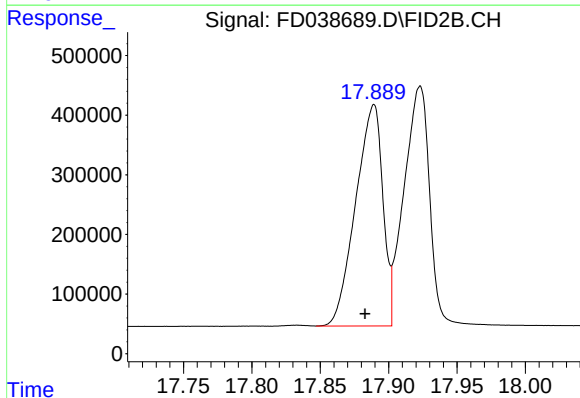
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.169 min
Delta R.T.: 0.003 min
Response: 5222947
Conc: 39.62 ug/ml



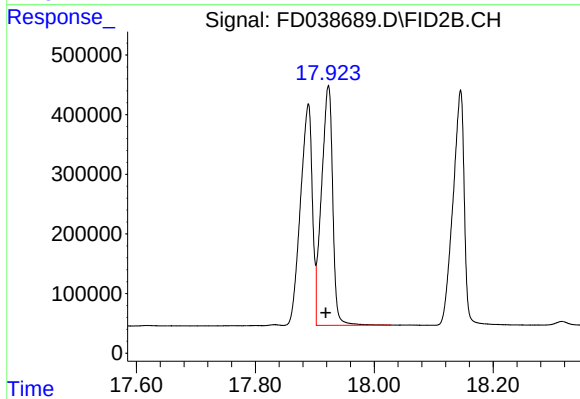
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.516 min
Delta R.T.: 0.003 min
Response: 4970187
Conc: 41.59 ug/ml



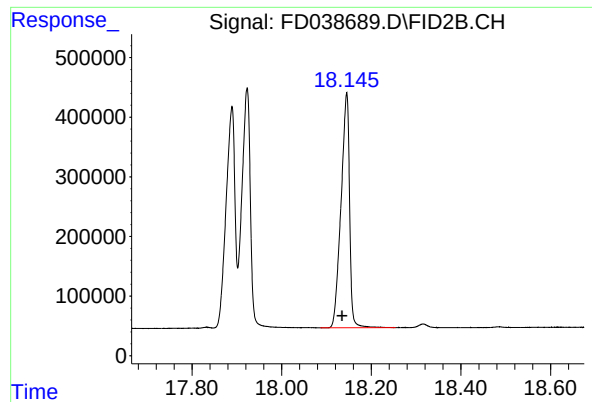
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.889 min
Delta R.T.: 0.006 min
Response: 5138571
Conc: 46.64 ug/ml



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

R.T.: 17.923 min
Delta R.T.: 0.004 min
Response: 5266785
Conc: 42.79 ug/ml



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

R.T.: 18.145 min
Delta R.T.: 0.010 min
Response: 5209495
Conc: 45.48 ug/ml