

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071019AR\
 Data File : FD029710.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jul 2019 13:34
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 10 14:08:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 2019
 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...	7.695	3294301	20.818 ug/ml
Spiked Amount 50.000		Recovery =	41.64%
6) S 2-Fluorobiphenyl (SURR)	8.559	2240390	20.857 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.71%
11) S ortho-Terphenyl (SURR)	11.595	3538410	20.850 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	3484564	20.610 ug/ml
2) T Naphthalene (C11.7)	6.035	3715276	20.760 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	3666027	20.781 ug/ml
5) T Acenaphthylene (C15.06)	8.362	3518670	20.785 ug/ml
7) T Acenaphthene (C15.5)	8.658	3670219	20.829 ug/ml
8) T Fluorene (C16.55)	9.437	3644162	20.855 ug/ml
9) T Phenanthrene (C19.36)	10.832	3628584	20.924 ug/ml
10) T Anthracene (C19.43)	10.906	3529578	20.875 ug/ml
12) T Fluoranthene (C21.85)	12.640	3573477	20.867 ug/ml
13) T Pyrene (C20.8)	12.937	3556454	20.907 ug/ml
14) T Benzo[a]anthracene (C...	14.802	3262809	20.930 ug/ml
15) T Chrysene (C27.41)	14.846	3261720	20.927 ug/ml
16) T benzo[b]fluoranthene ...	16.347	3046415	20.862 ug/ml
17) T Bnezo[k]fluoranthene ...	16.380	3020017	20.882 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.726	2924393	20.855 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.084	2609092	20.479 ug/ml
20) T Dibenz[a,h]anthracene...	18.124	2618750	20.940 ug/ml
21) T Benzo[g,h,i]perylene ...	18.340	2555200	20.484 ug/ml

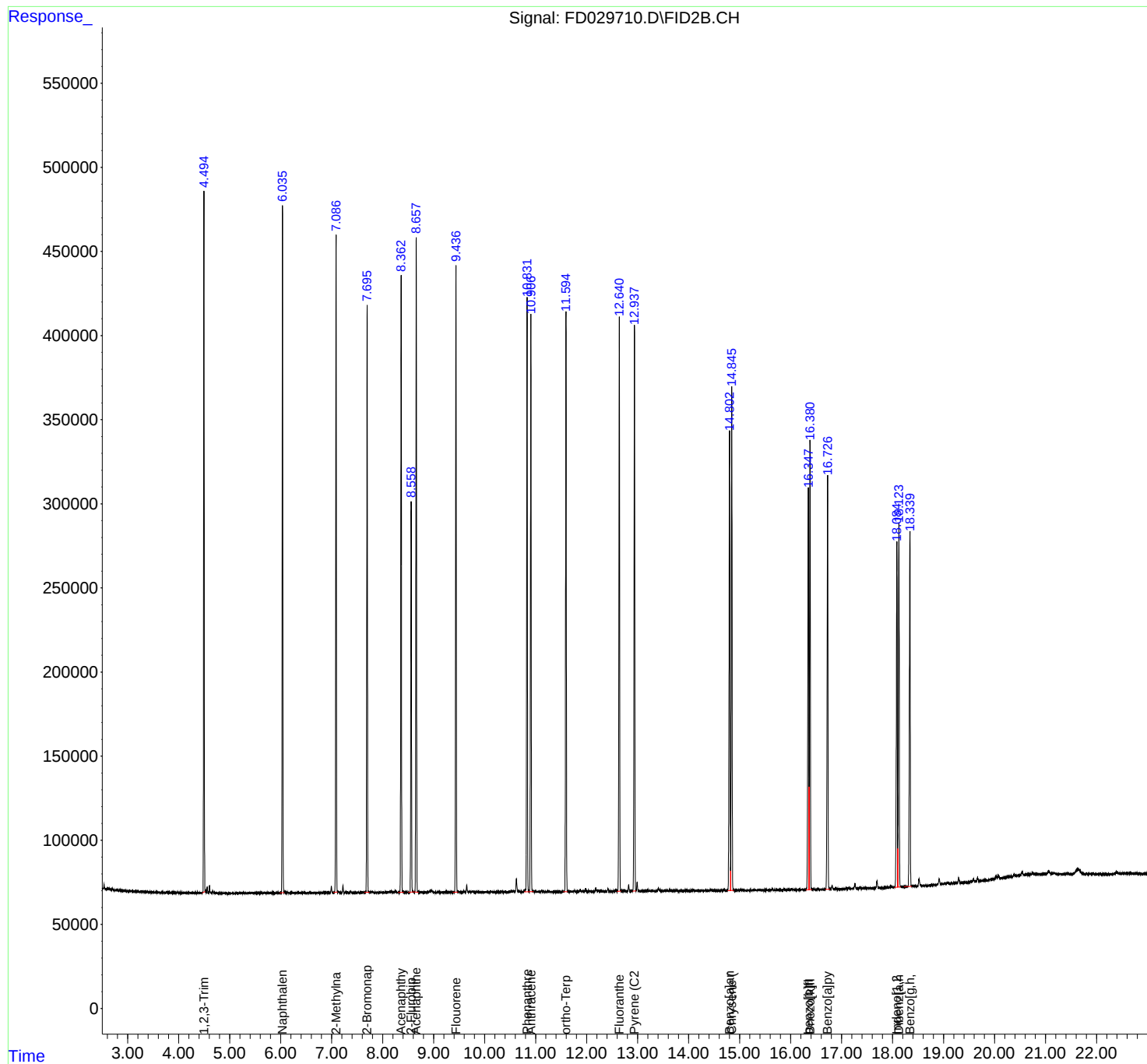
(f)=RT Delta > 1/2 Window

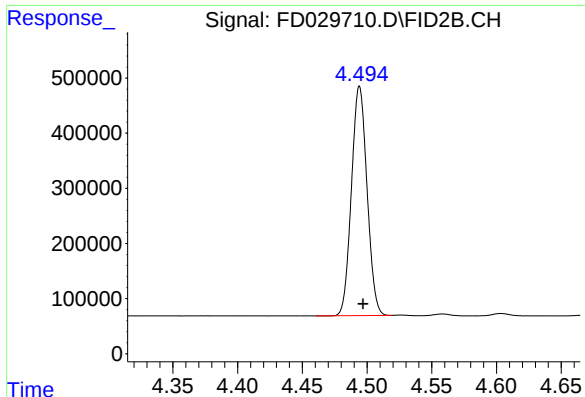
(m)=manual int.

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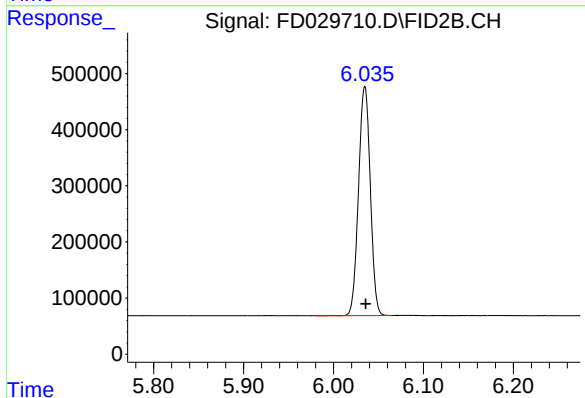
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Signal Info : 20M x 0.18mm x 0.18µm





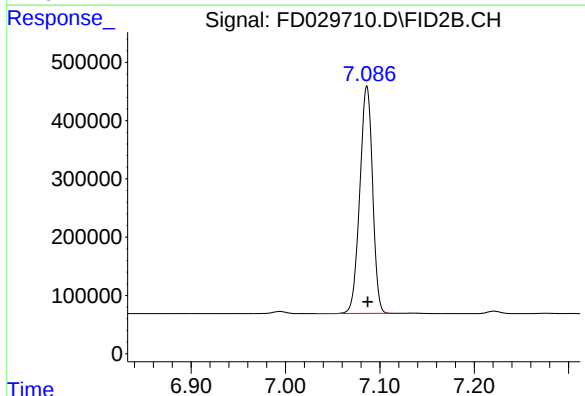
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 3484564
Conc: 20.61 ug/ml



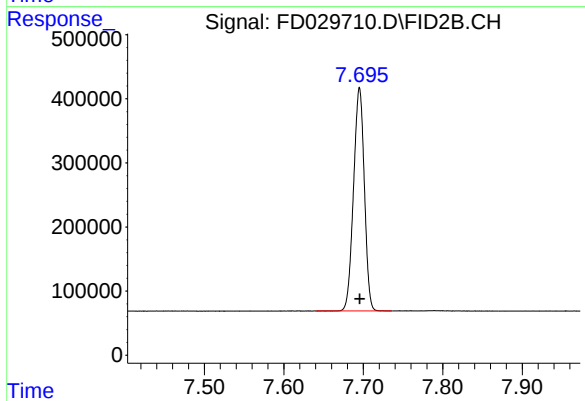
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: -0.001 min
Response: 3715276
Conc: 20.76 ug/ml



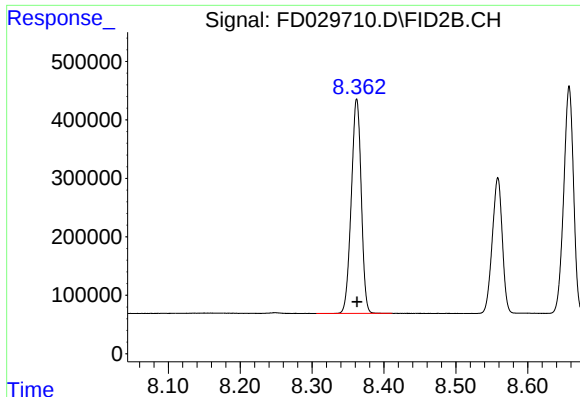
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: 0.000 min
Response: 3666027
Conc: 20.78 ug/ml



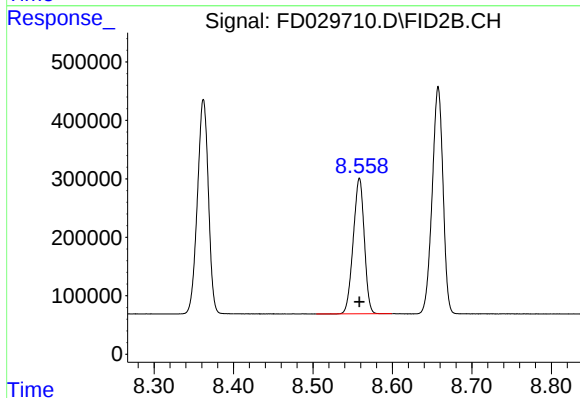
#4 2-Bromonaphthalene (SURR)

R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 3294301
Conc: 20.82 ug/ml



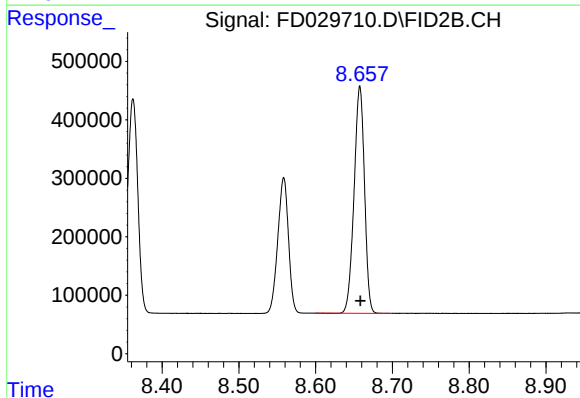
#5 Acenaphthylene (C15.06)

R.T.: 8.362 min
Delta R.T.: 0.000 min
Response: 3518670
Conc: 20.78 ug/ml



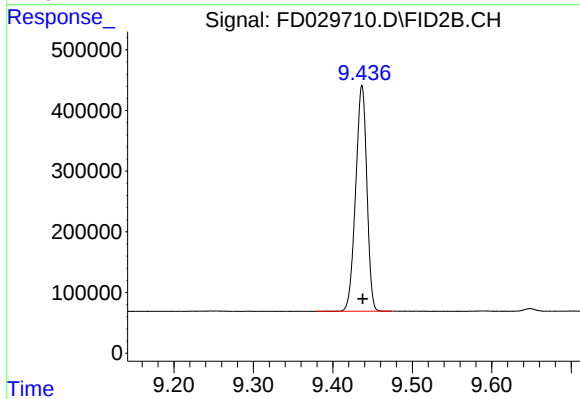
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 2240390
Conc: 20.86 ug/ml



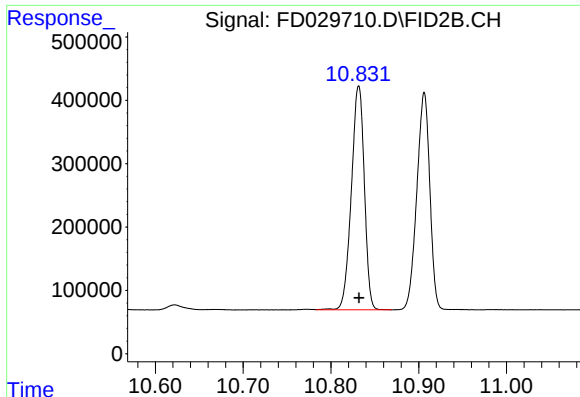
#7 Acenaphthene (C15.5)

R.T.: 8.658 min
Delta R.T.: 0.000 min
Response: 3670219
Conc: 20.83 ug/ml



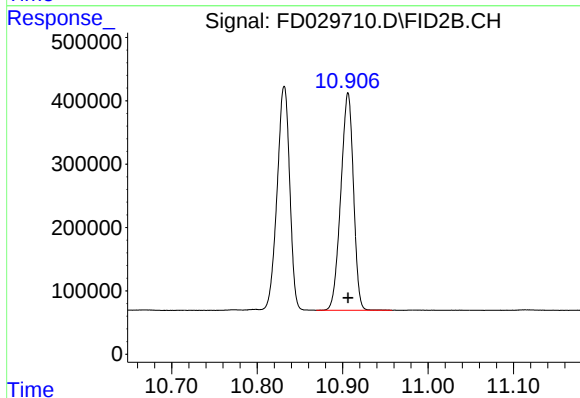
#8 Fluorene (C16.55)

R.T.: 9.437 min
Delta R.T.: 0.000 min
Response: 3644162
Conc: 20.86 ug/ml



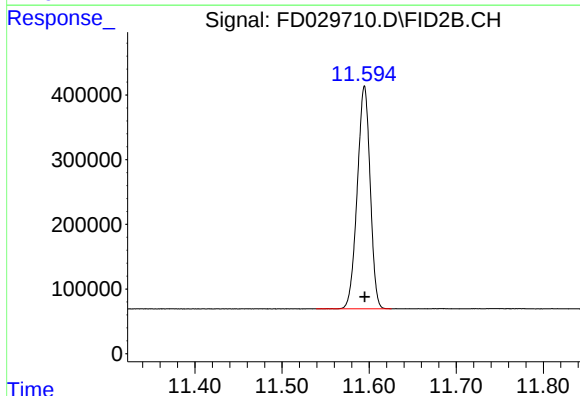
#9 Phenanthrene (C19.36)

R.T.: 10.832 min
Delta R.T.: 0.000 min
Response: 3628584
Conc: 20.92 ug/ml



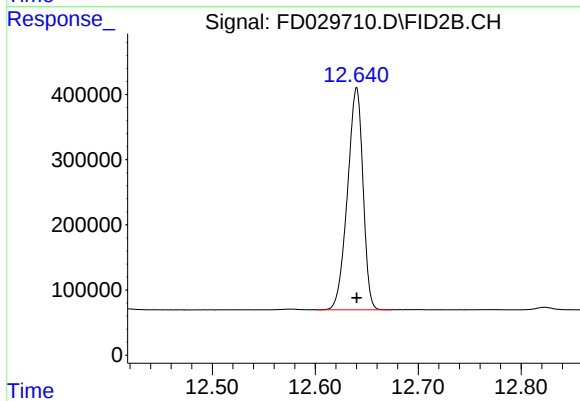
#10 Anthracene (C19.43)

R.T.: 10.906 min
Delta R.T.: 0.000 min
Response: 3529578
Conc: 20.88 ug/ml



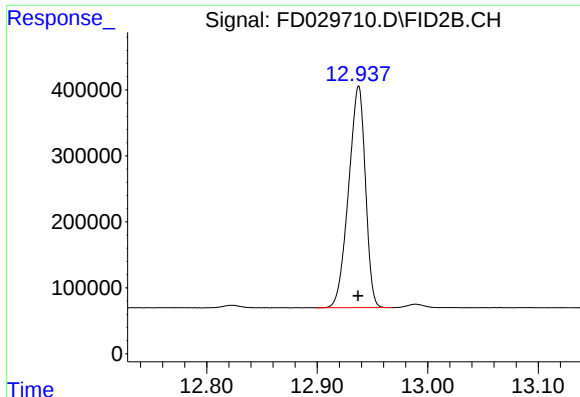
#11 ortho-Terphenyl (SURR)

R.T.: 11.595 min
Delta R.T.: 0.000 min
Response: 3538410
Conc: 20.85 ug/ml



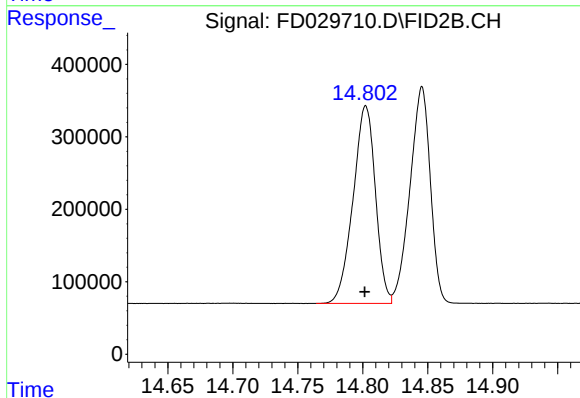
#12 Fluoranthene (C21.85)

R.T.: 12.640 min
Delta R.T.: 0.000 min
Response: 3573477
Conc: 20.87 ug/ml



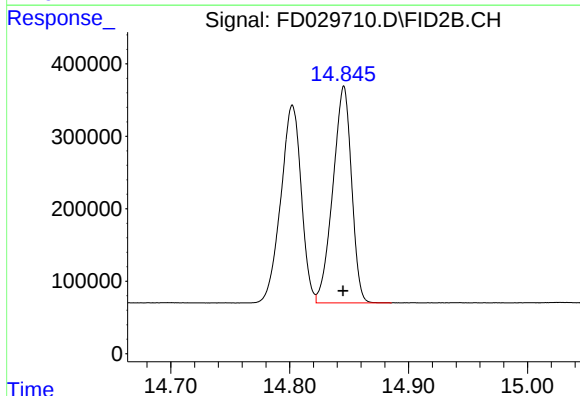
#13 Pyrene (C20.8)

R.T.: 12.937 min
Delta R.T.: 0.000 min
Response: 3556454
Conc: 20.91 ug/ml



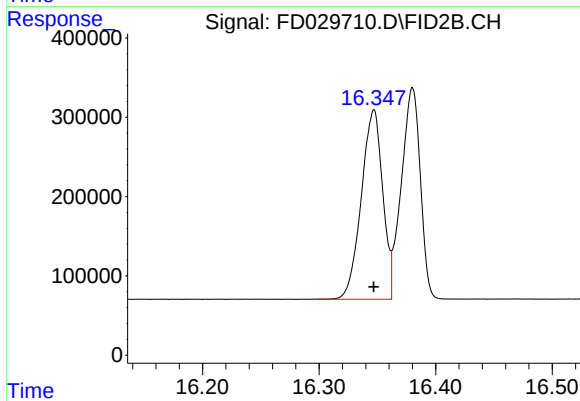
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.802 min
Delta R.T.: 0.000 min
Response: 3262809
Conc: 20.93 ug/ml



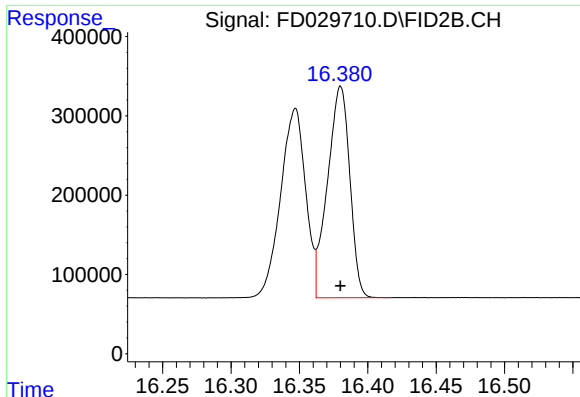
#15 Chrysene (C27.41)

R.T.: 14.846 min
Delta R.T.: 0.000 min
Response: 3261720
Conc: 20.93 ug/ml



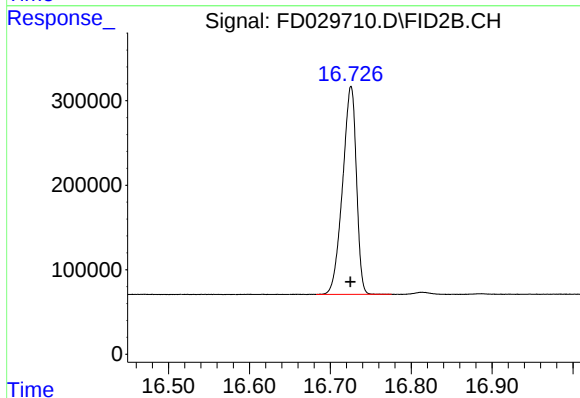
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.347 min
Delta R.T.: 0.000 min
Response: 3046415
Conc: 20.86 ug/ml



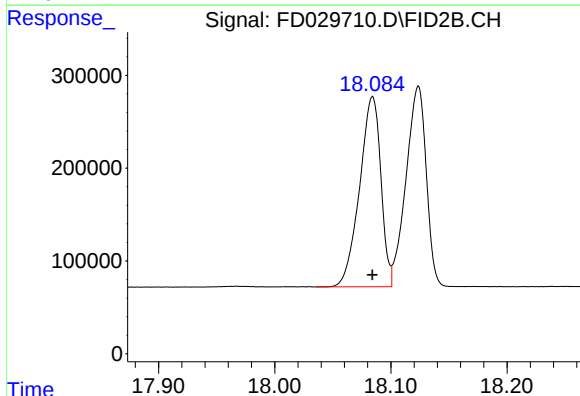
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.380 min
Delta R.T.: 0.000 min
Response: 3020017
Conc: 20.88 ug/ml



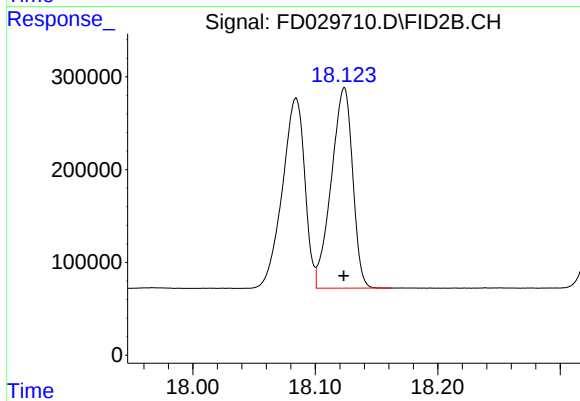
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.726 min
Delta R.T.: 0.000 min
Response: 2924393
Conc: 20.85 ug/ml



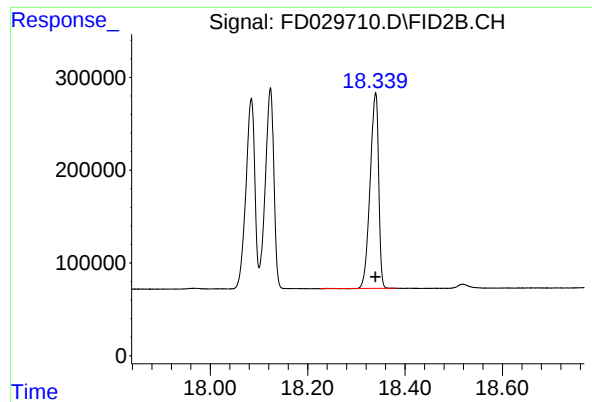
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.084 min
Delta R.T.: 0.000 min
Response: 2609092
Conc: 20.48 ug/ml



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

R.T.: 18.124 min
Delta R.T.: 0.000 min
Response: 2618750
Conc: 20.94 ug/ml



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

R.T.: 18.340 min
Delta R.T.: 0.000 min
Response: 2555200
Conc: 20.48 ug/ml