

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061220AR\
 Data File : FD033691.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jun 2020 16:46
 Operator : DD\AJ
 Sample : PB129509BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 13 00:06:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:14:43 2020
 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...	7.569	3591688	34.541 ug/ml
Spiked Amount 50.000		Recovery =	69.08%
6) S 2-Fluorobiphenyl (SURR)	8.432	1556009	22.512 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.02%
11) S ortho-Terphenyl (SURR)	11.460	4127707	31.482 ug/ml
Spiked Amount 50.000		Recovery =	62.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.380	2441735	21.418 ug/ml
2) T Naphthalene (C11.7)	5.913	3309205	28.702 ug/ml
3) T 2-Methylnaphthalene (...)	6.961	3603072	30.340 ug/ml
5) T Acenaphthylene (C15.06)	8.233	4344409	35.461 ug/ml
7) T Acenaphthene (C15.5)	8.527	4162072	32.225 ug/ml
8) T Fluorene (C16.55)	9.307	5053400	42.545 ug/ml
9) T Phenanthrene (C19.36)	10.701	4967035	40.493 ug/ml
10) T Anthracene (C19.43)	10.777	4876773	40.063 ug/ml
12) T Fluoranthene (C21.85)	12.512	5148160	40.837 ug/ml
13) T Pyrene (C20.8)	12.808	4973737	40.806 ug/ml
14) T Benzo[a]anthracene (C...	14.682	4690529	41.635 ug/ml
15) T Chrysene (C27.41)	14.725	5645899	43.433 ug/ml
16) T benzo[b]fluoranthene ...	16.236	4880219	42.742 ug/ml
17) T Bnezo[k]fluoranthene ...	16.269	4950407	39.777 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.615	4477623	38.188 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.988	4649847	45.548 ug/ml
20) T Dibenz[a,h]anthracene...	18.020	4561239	37.793 ug/ml
21) T Benzo[g,h,i]perylene ...	18.242	4673409	41.945 ug/ml

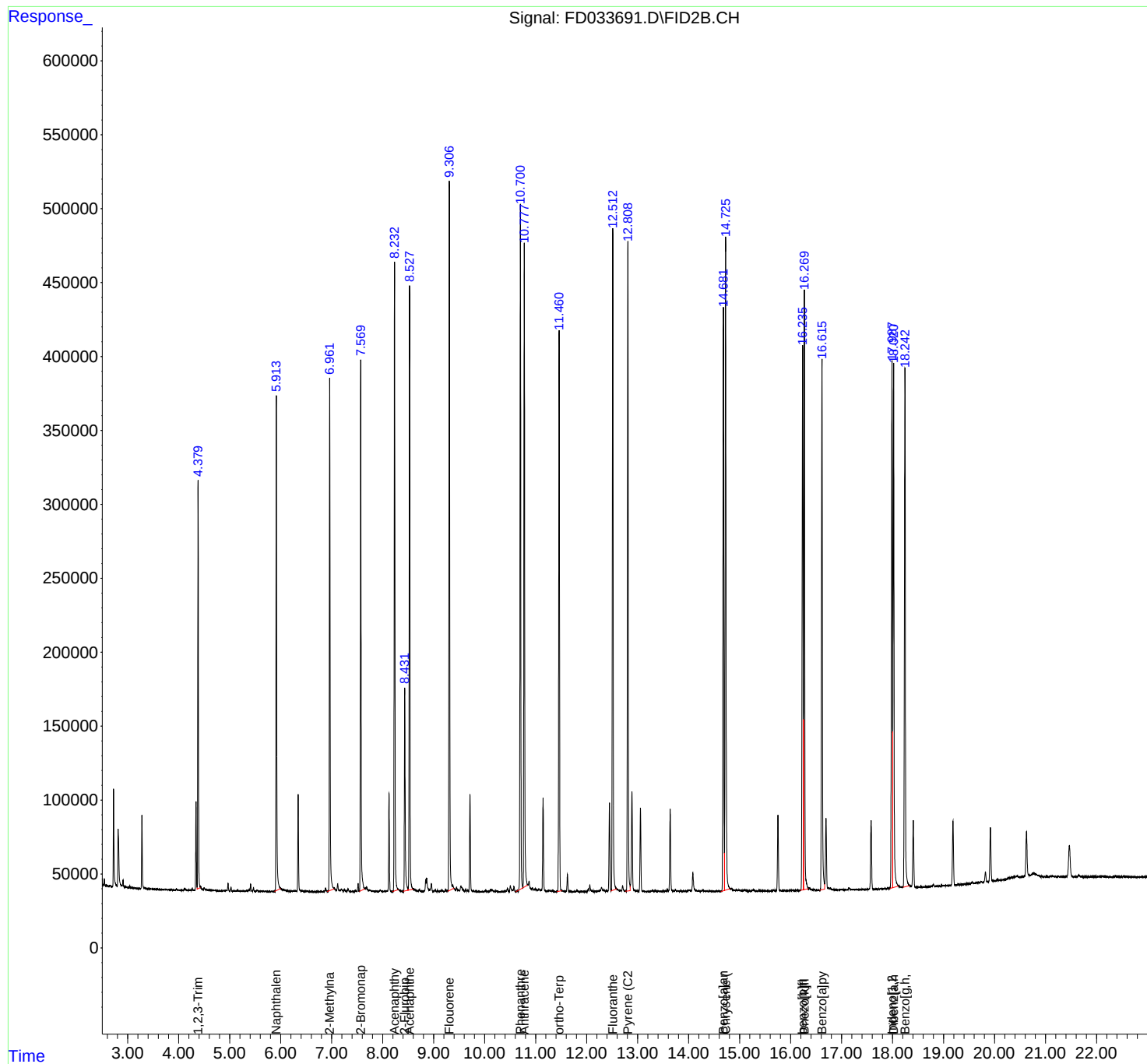
(f)=RT Delta > 1/2 Window

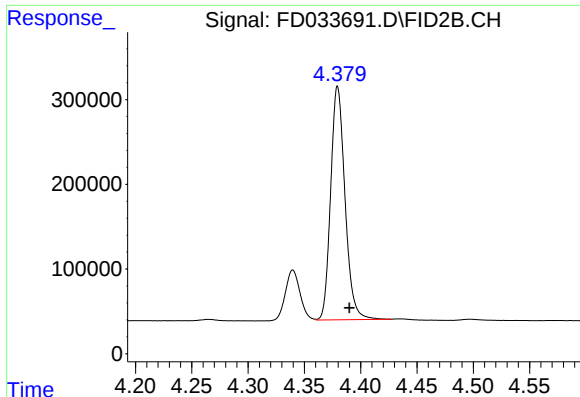
(m)=manual int.

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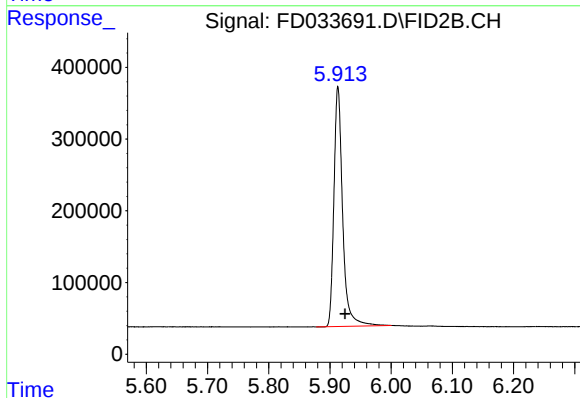
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Signal Info : 20M x 0.18mm x 0.18µm





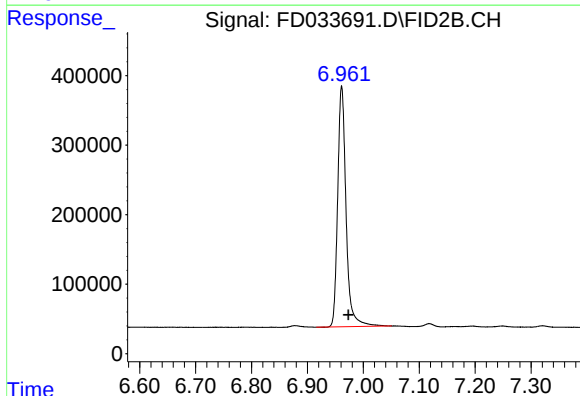
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.380 min
Delta R.T.: -0.010 min
Response: 2441735
Conc: 21.42 ug/ml



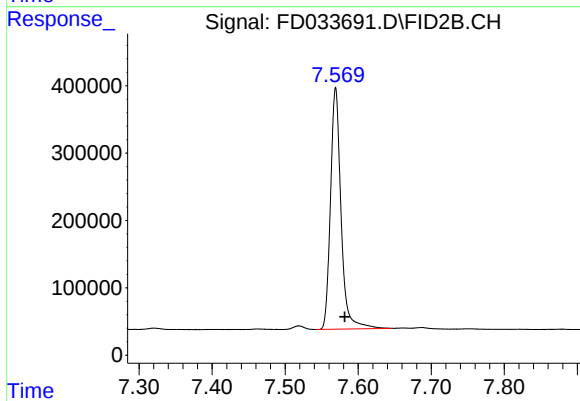
#2 Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: -0.012 min
Response: 3309205
Conc: 28.70 ug/ml



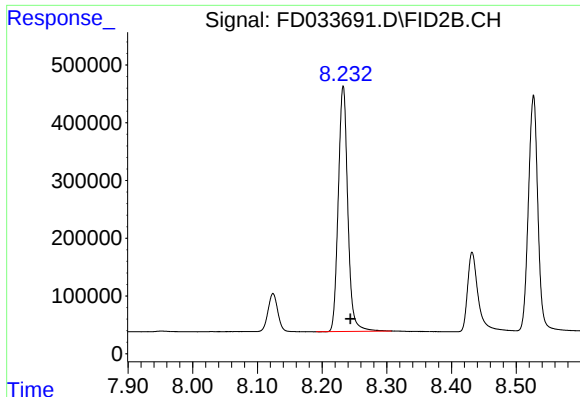
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.961 min
Delta R.T.: -0.012 min
Response: 3603072
Conc: 30.34 ug/ml



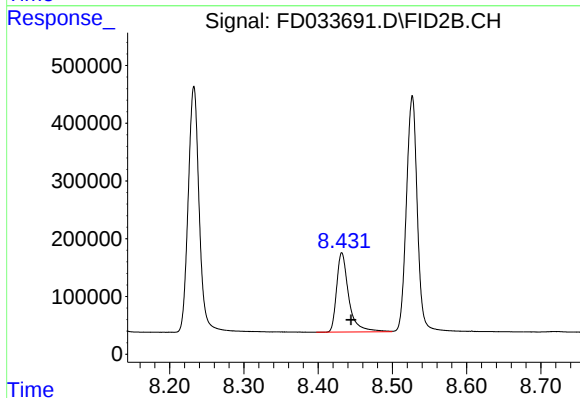
#4 2-Bromonaphthalene (SURR)

R.T.: 7.569 min
Delta R.T.: -0.012 min
Response: 3591688
Conc: 34.54 ug/ml



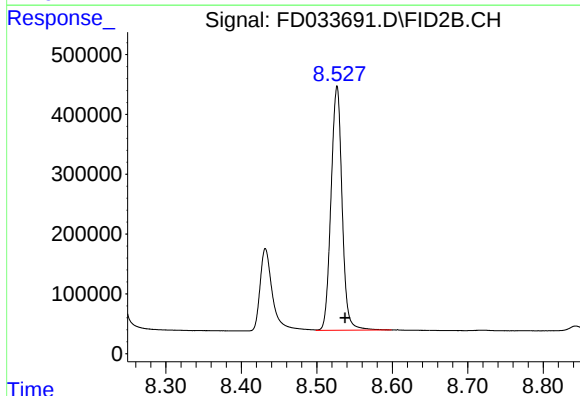
#5 Acenaphthylene (C15.06)

R.T.: 8.233 min
Delta R.T.: -0.011 min
Response: 4344409
Conc: 35.46 ug/ml



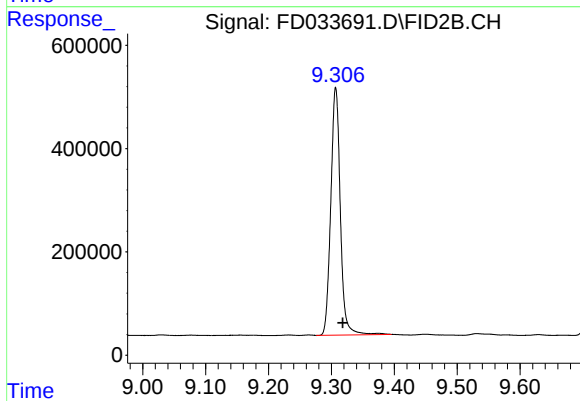
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.432 min
Delta R.T.: -0.012 min
Response: 1556009
Conc: 22.51 ug/ml



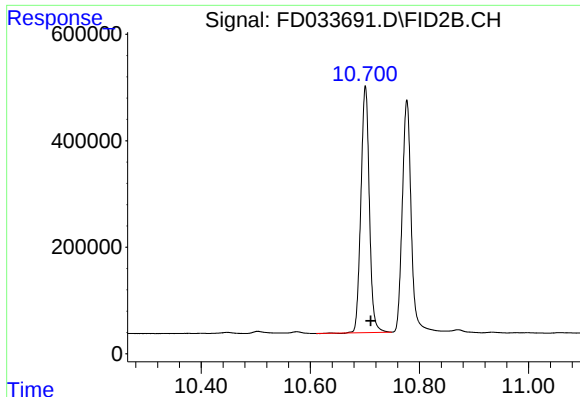
#7 Acenaphthene (C15.5)

R.T.: 8.527 min
Delta R.T.: -0.011 min
Response: 4162072
Conc: 32.23 ug/ml



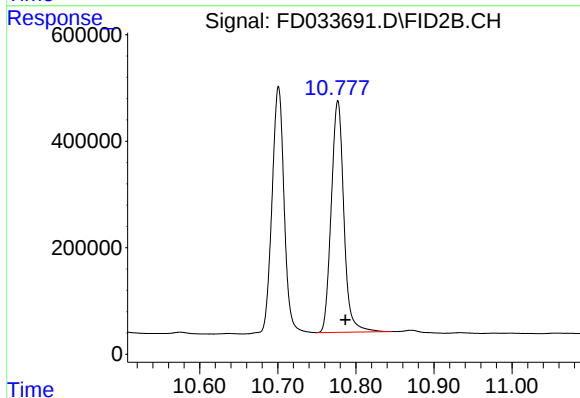
#8 Flouorene (C16.55)

R.T.: 9.307 min
Delta R.T.: -0.011 min
Response: 5053400
Conc: 42.54 ug/ml



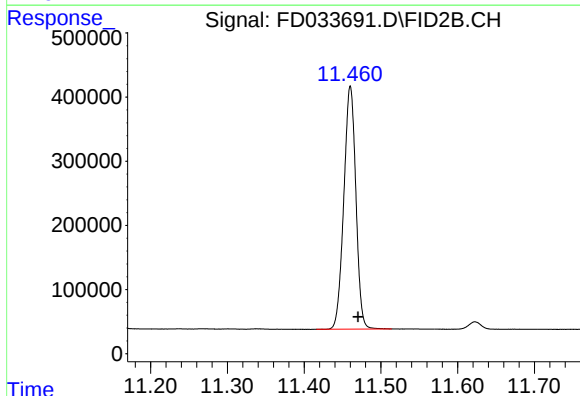
#9 Phenanthrene (C19.36)

R.T.: 10.701 min
Delta R.T.: -0.010 min
Response: 4967035
Conc: 40.49 ug/ml



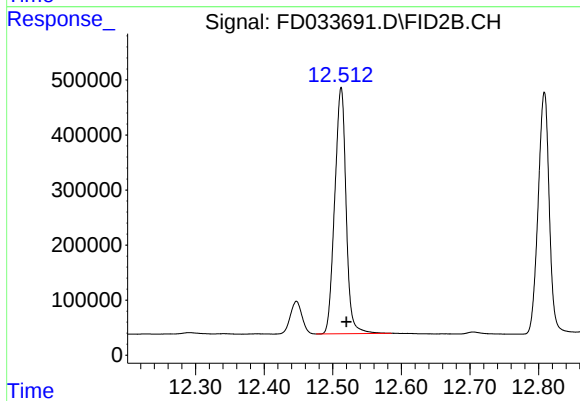
#10 Anthracene (C19.43)

R.T.: 10.777 min
Delta R.T.: -0.010 min
Response: 4876773
Conc: 40.06 ug/ml



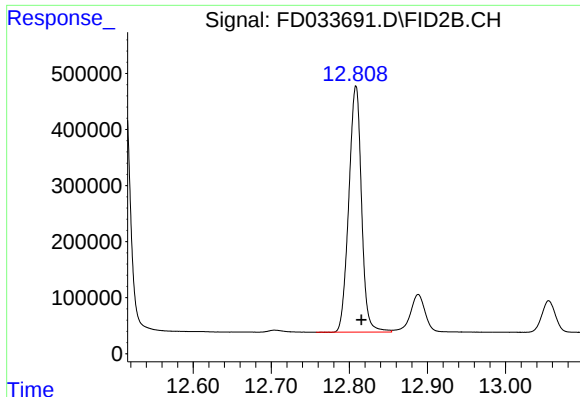
#11 ortho-Terphenyl (SURR)

R.T.: 11.460 min
Delta R.T.: -0.010 min
Response: 4127707
Conc: 31.48 ug/ml



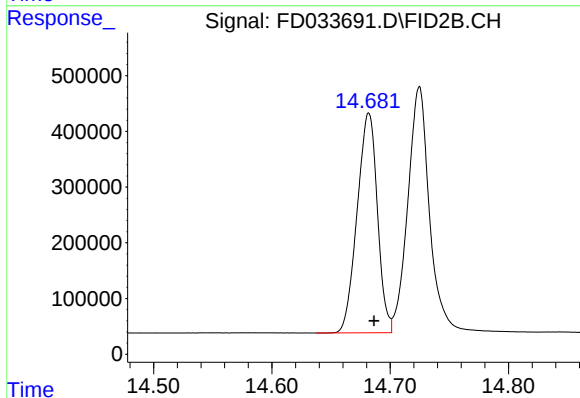
#12 Fluoranthene (C21.85)

R.T.: 12.512 min
Delta R.T.: -0.008 min
Response: 5148160
Conc: 40.84 ug/ml



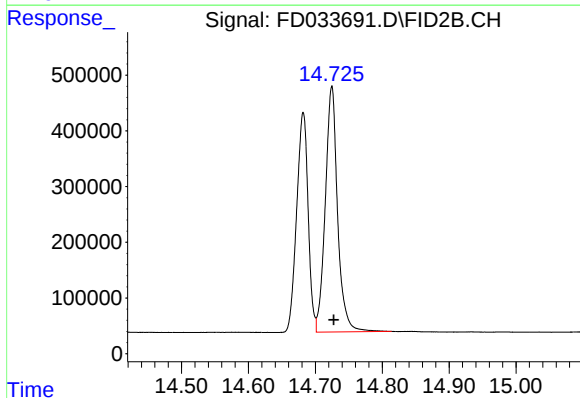
#13 Pyrene (C20.8)

R.T.: 12.808 min
Delta R.T.: -0.007 min
Response: 4973737
Conc: 40.81 ug/ml



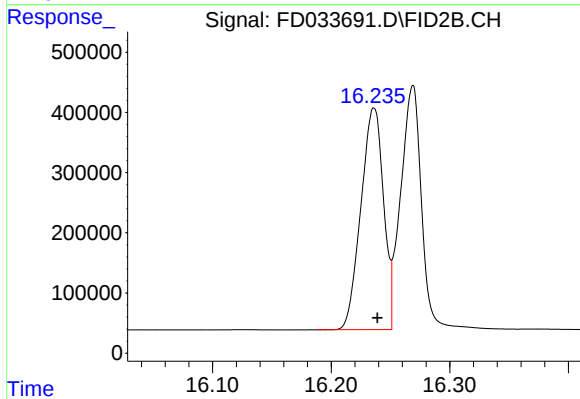
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.682 min
Delta R.T.: -0.005 min
Response: 4690529
Conc: 41.64 ug/ml



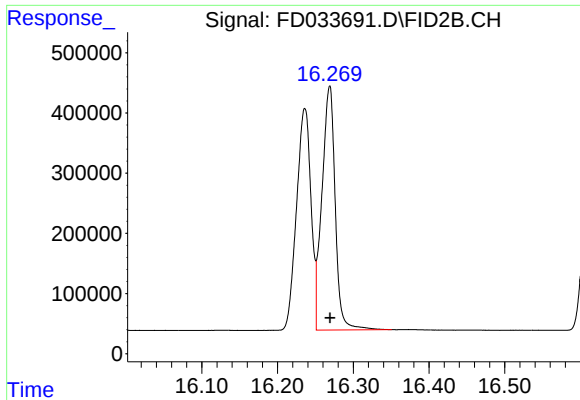
#15 Chrysene (C27.41)

R.T.: 14.725 min
Delta R.T.: -0.003 min
Response: 5645899
Conc: 43.43 ug/ml



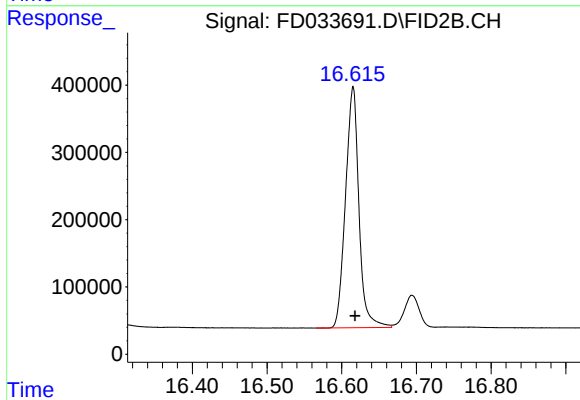
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.236 min
Delta R.T.: -0.003 min
Response: 4880219
Conc: 42.74 ug/ml



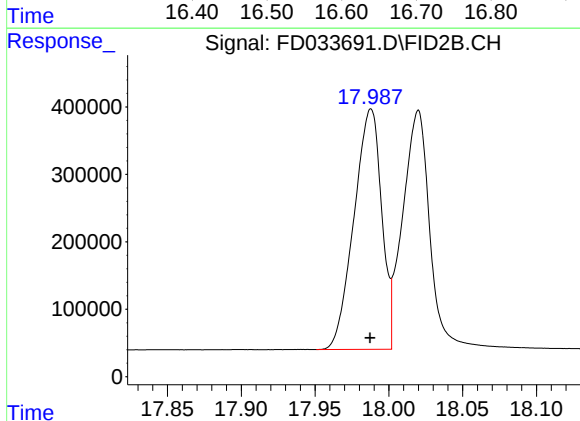
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.269 min
Delta R.T.: 0.000 min
Response: 4950407
Conc: 39.78 ug/ml



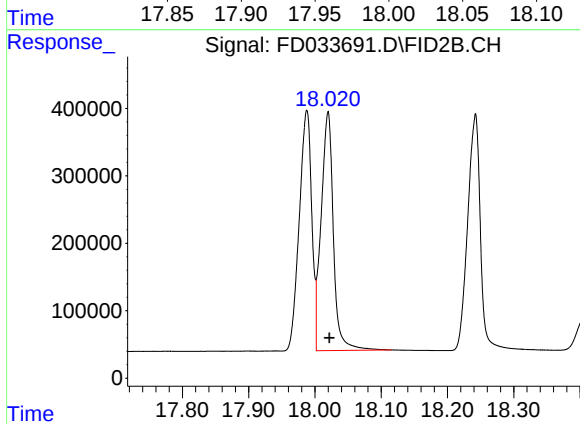
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.615 min
Delta R.T.: -0.003 min
Response: 4477623
Conc: 38.19 ug/ml



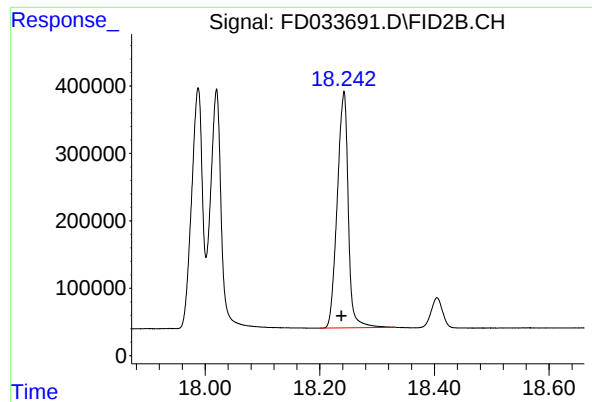
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.988 min
Delta R.T.: 0.000 min
Response: 4649847
Conc: 45.55 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.002 min
Response: 4561239
Conc: 37.79 ug/ml



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

R.T.: 18.242 min
Delta R.T.: 0.004 min
Response: 4673409
Conc: 41.95 ug/ml