

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051920AR\
 Data File : FD033537.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2020 1:37
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 20 09:11:10 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:10:54 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...	7.580	5415233	49.899 ug/ml
Spiked Amount 50.000		Recovery =	99.80%
6) S 2-Fluorobiphenyl (SURR)	8.443	3780542	50.461 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.92%
11) S ortho-Terphenyl (SURR)	11.473	6468278	49.591 ug/ml
Spiked Amount 50.000		Recovery =	99.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	5780618	49.480 ug/ml
2) T Naphthalene (C11.7)	5.923	6100886	50.176 ug/ml
3) T 2-Methylnaphthalene (...)	6.972	6241654	49.920 ug/ml
5) T Acenaphthylene (C15.06)	8.244	6212458	49.725 ug/ml
7) T Acenaphthene (C15.5)	8.539	6408168	49.475 ug/ml
8) T Fluorene (C16.55)	9.319	6203821	50.110 ug/ml
9) T Phenanthrene (C19.36)	10.713	6303629	49.891 ug/ml
10) T Anthracene (C19.43)	10.789	6282404	50.079 ug/ml
12) T Fluoranthene (C21.85)	12.523	6364616	49.774 ug/ml
13) T Pyrene (C20.8)	12.819	6168230	49.772 ug/ml
14) T Benzo[a]anthracene (C...	14.692	5985437	50.363 ug/ml
15) T Chrysene (C27.41)	14.734	6191630	49.213 ug/ml
16) T benzo[b]fluoranthene ...	16.245	5886049	49.654 ug/ml
17) T Bnezo[k]fluoranthene ...	16.278	5918719	49.146 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.624	5899123	49.697 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.994	5523971	50.006 ug/ml
20) T Dibenz[a,h]anthracene...	18.028	5776847	49.678 ug/ml
21) T Benzo[g,h,i]perylene ...	18.249	5639055	49.658 ug/ml

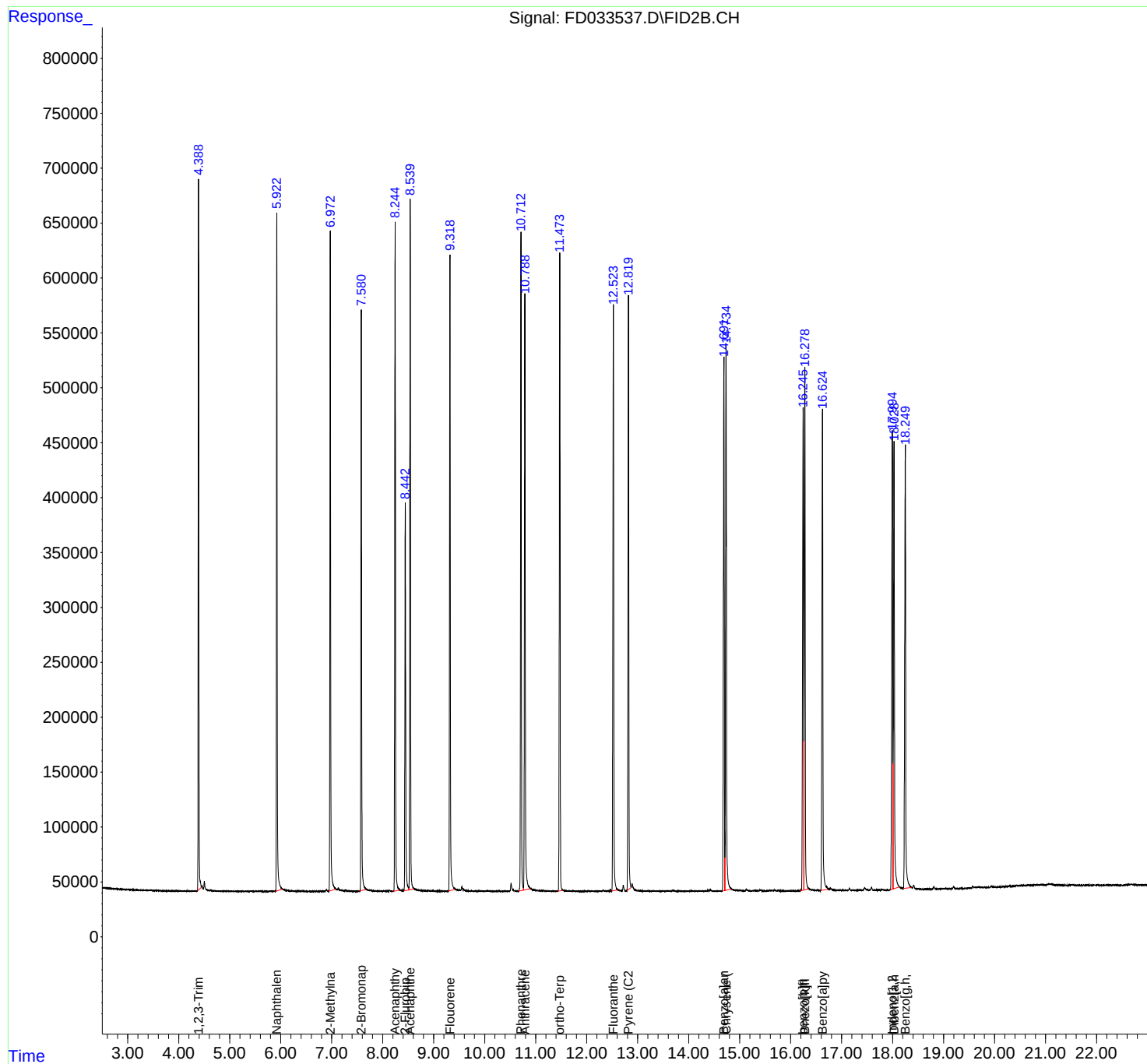
(f)=RT Delta > 1/2 Window

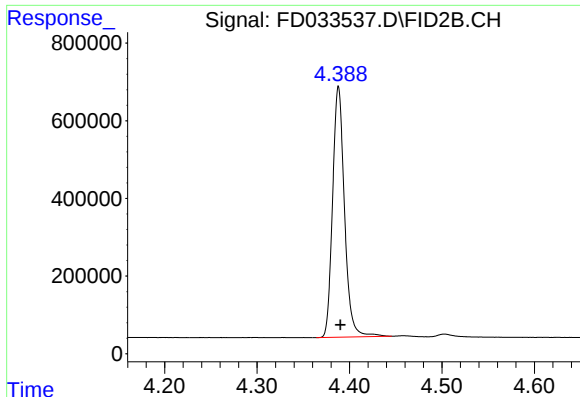
(m)=manual int.

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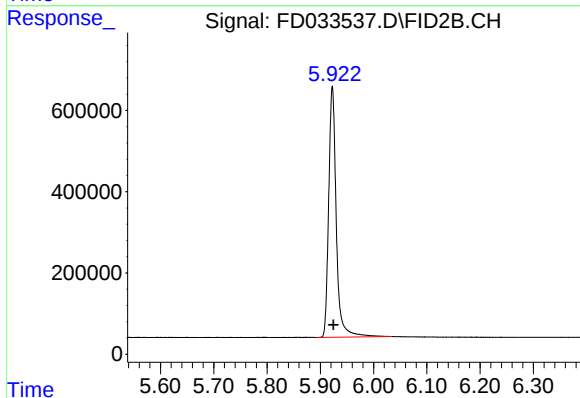
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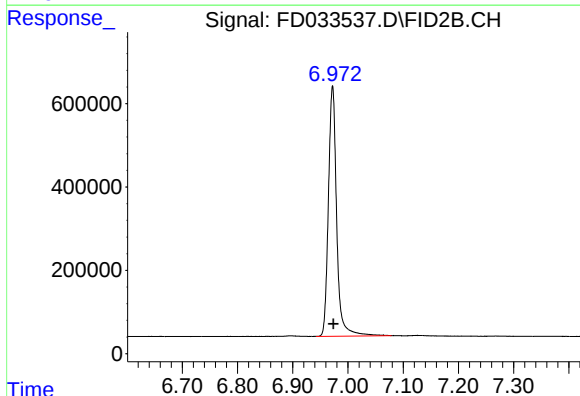
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.388 min
Delta R.T.: -0.002 min
Response: 5780618
Conc: 49.48 ug/ml



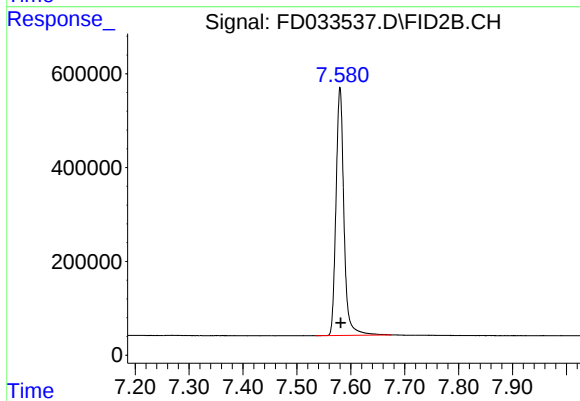
#2 Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 6100886
Conc: 50.18 ug/ml



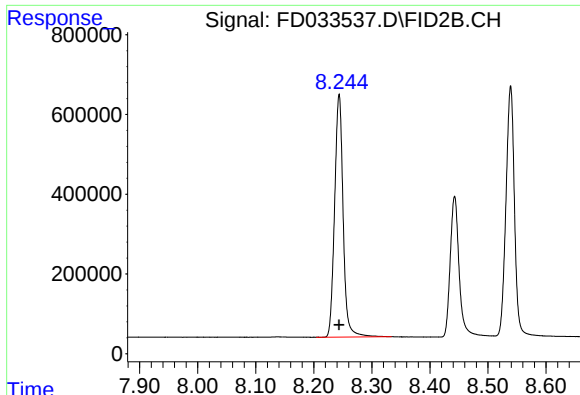
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.972 min
Delta R.T.: -0.001 min
Response: 6241654
Conc: 49.92 ug/ml



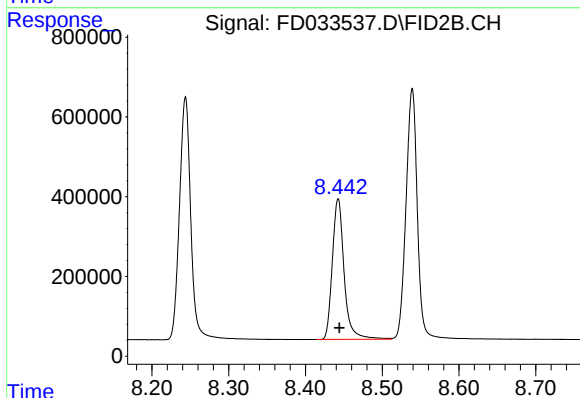
#4 2-Bromonaphthalene (SURR)

R.T.: 7.580 min
Delta R.T.: -0.001 min
Response: 5415233
Conc: 49.90 ug/ml



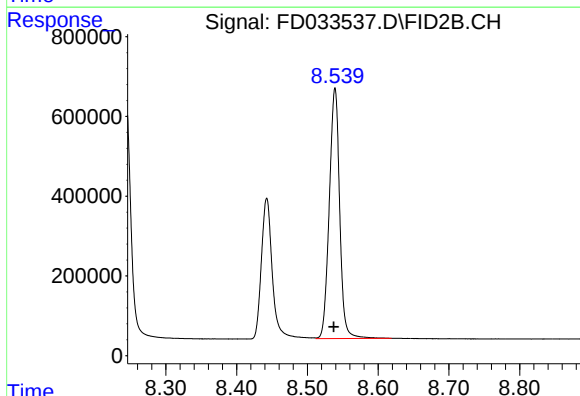
#5 Acenaphthylene (C15.06)

R.T.: 8.244 min
Delta R.T.: 0.000 min
Response: 6212458
Conc: 49.72 ug/ml



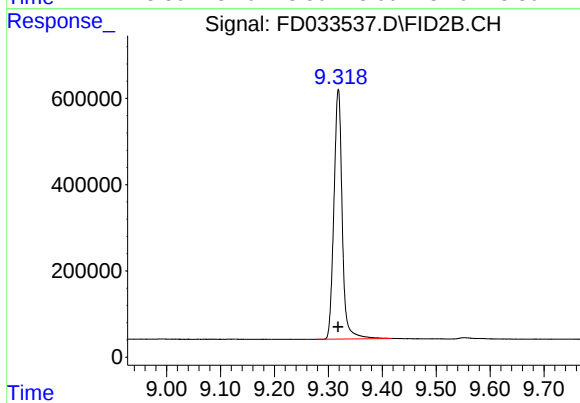
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.443 min
Delta R.T.: -0.002 min
Response: 3780542
Conc: 50.46 ug/ml



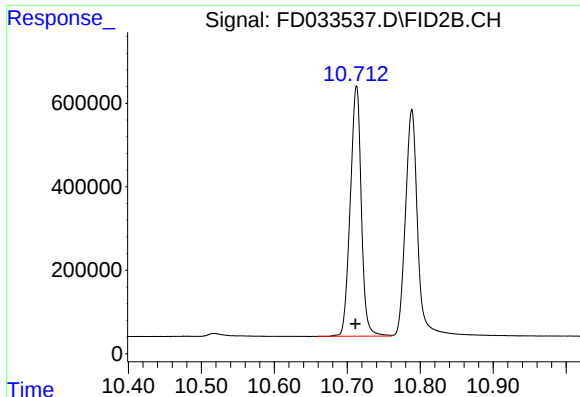
#7 Acenaphthene (C15.5)

R.T.: 8.539 min
Delta R.T.: 0.002 min
Response: 6408168
Conc: 49.47 ug/ml



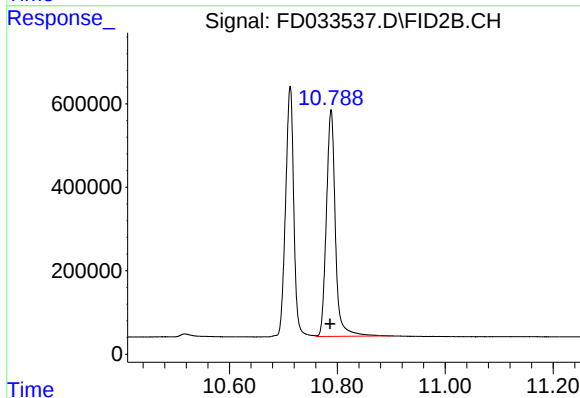
#8 Fluorene (C16.55)

R.T.: 9.319 min
Delta R.T.: 0.000 min
Response: 6203821
Conc: 50.11 ug/ml



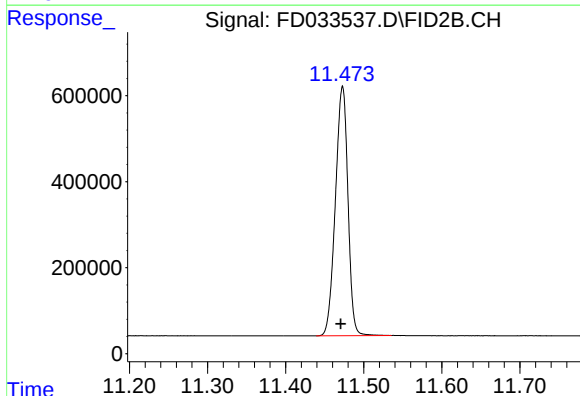
#9 Phenanthrene (C19.36)

R.T.: 10.713 min
Delta R.T.: 0.002 min
Response: 6303629
Conc: 49.89 ug/ml



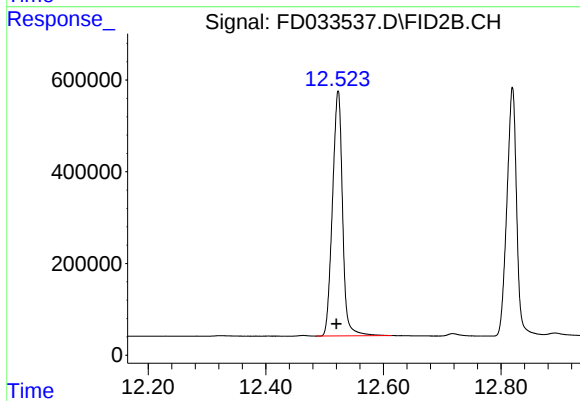
#10 Anthracene (C19.43)

R.T.: 10.789 min
Delta R.T.: 0.002 min
Response: 6282404
Conc: 50.08 ug/ml



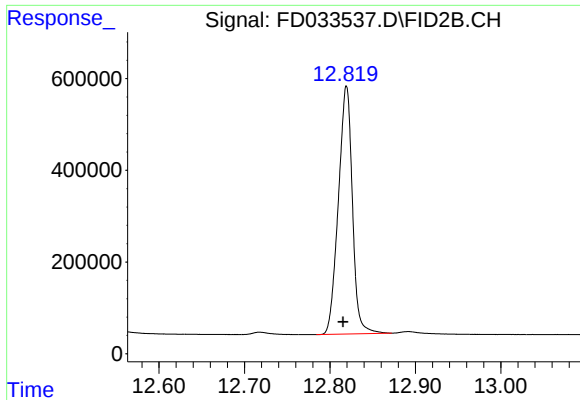
#11 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: 0.003 min
Response: 6468278
Conc: 49.59 ug/ml



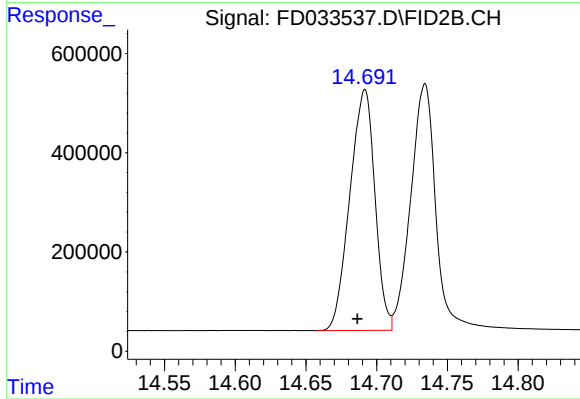
#12 Fluoranthene (C21.85)

R.T.: 12.523 min
Delta R.T.: 0.003 min
Response: 6364616
Conc: 49.77 ug/ml



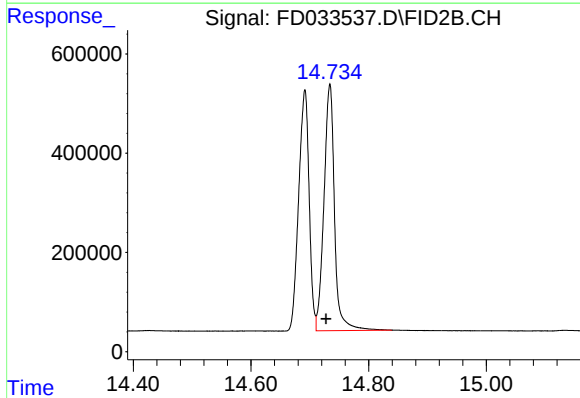
#13 Pyrene (C20.8)

R.T.: 12.819 min
Delta R.T.: 0.004 min
Response: 6168230
Conc: 49.77 ug/ml



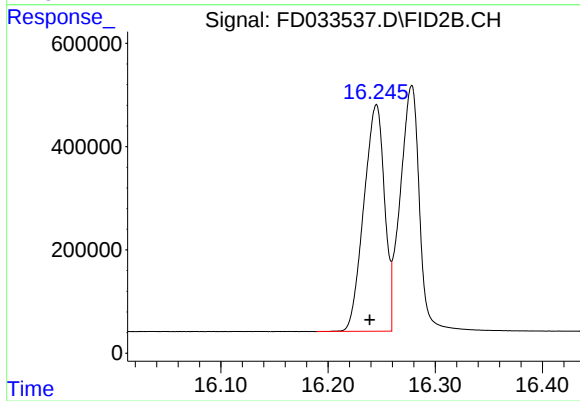
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.692 min
Delta R.T.: 0.005 min
Response: 5985437
Conc: 50.36 ug/ml



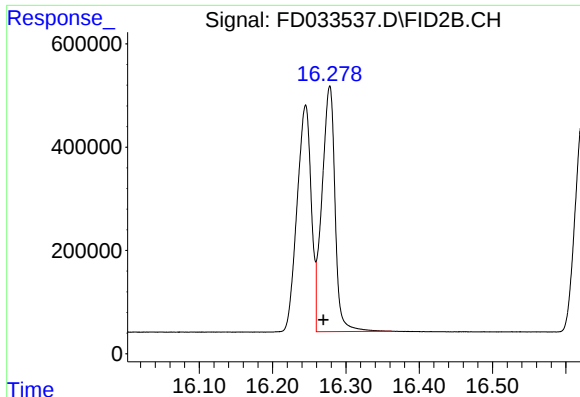
#15 Chrysene (C27.41)

R.T.: 14.734 min
Delta R.T.: 0.006 min
Response: 6191630
Conc: 49.21 ug/ml



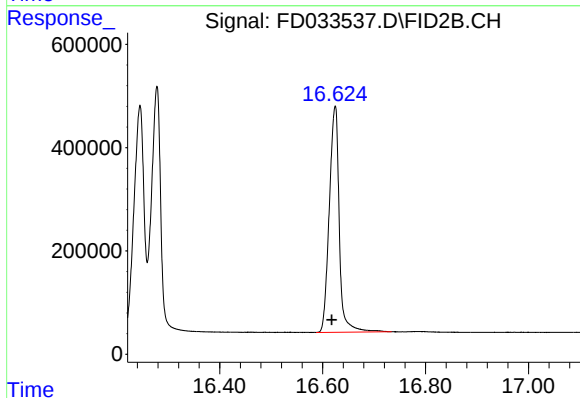
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.245 min
Delta R.T.: 0.006 min
Response: 5886049
Conc: 49.65 ug/ml



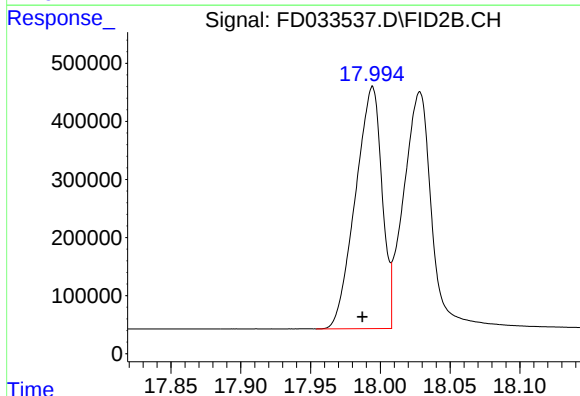
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.278 min
Delta R.T.: 0.009 min
Response: 5918719
Conc: 49.15 ug/ml



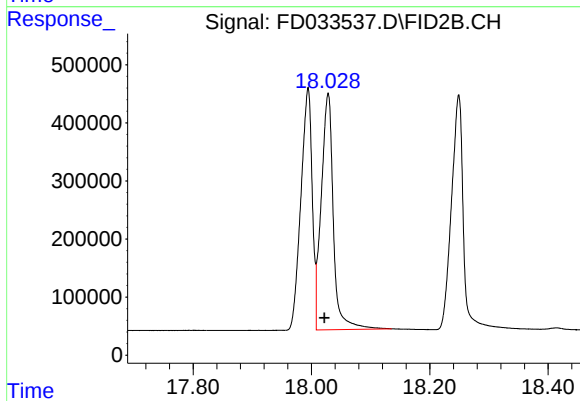
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.624 min
Delta R.T.: 0.006 min
Response: 5899123
Conc: 49.70 ug/ml



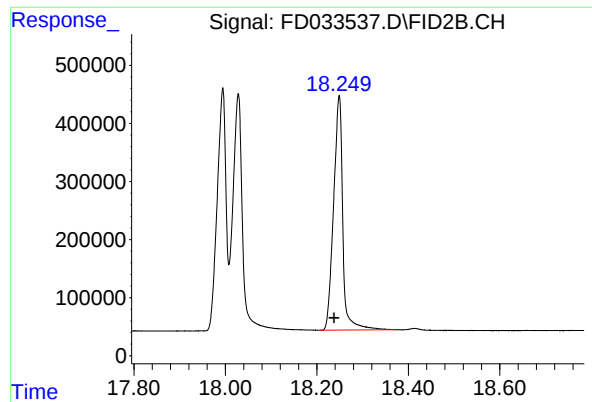
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.994 min
Delta R.T.: 0.007 min
Response: 5523971
Conc: 50.01 ug/ml



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

R.T.: 18.028 min
Delta R.T.: 0.006 min
Response: 5776847
Conc: 49.68 ug/ml



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

R.T.: 18.249 min
Delta R.T.: 0.011 min
Response: 5639055
Conc: 49.66 ug/ml