

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 06:43:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 06:41:13 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	5455161	51.843 ug/ml
Spiked Amount 50.000		Recovery =	103.69%
6) S 2-Fluorobiphenyl (SURR)	8.443	3775231	53.547 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.09%
11) S ortho-Terphenyl (SURR)	11.473	6482408	49.820 ug/ml
Spiked Amount 50.000		Recovery =	99.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	5858097	50.747 ug/ml
2) T Naphthalene (C11.7)	5.923	6140257	52.319 ug/ml
3) T 2-Methylnaphthalene (...)	6.972	6271094	51.628 ug/ml
5) T Acenaphthylene (C15.06)	8.244	6234236	50.643 ug/ml
7) T Acenaphthene (C15.5)	8.539	6418316	49.669 ug/ml
8) T Fluorene (C16.55)	9.319	6244913	51.703 ug/ml
9) T Phenanthrene (C19.36)	10.713	6318164	50.855 ug/ml
10) T Anthracene (C19.43)	10.789	6358058	50.631 ug/ml
12) T Fluoranthene (C21.85)	12.523	6383924	49.822 ug/ml
13) T Pyrene (C20.8)	12.819	6157429	50.304 ug/ml
14) T Benzo[a]anthracene (C...	14.692	5985009	51.495 ug/ml
15) T Chrysene (C27.41)	14.734	6233615	47.423 ug/ml
16) T benzo[b]fluoranthene ...	16.245	5889733	49.979 ug/ml
17) T Bnezo[k]fluoranthene ...	16.278	5956726	47.498 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.624	5897158	49.120 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.994	5528310	53.683 ug/ml
20) T Dibenz[a,h]anthracene...	18.028	5868044	45.812 ug/ml
21) T Benzo[g,h,i]perylene ...	18.249	5655956	49.047 ug/ml

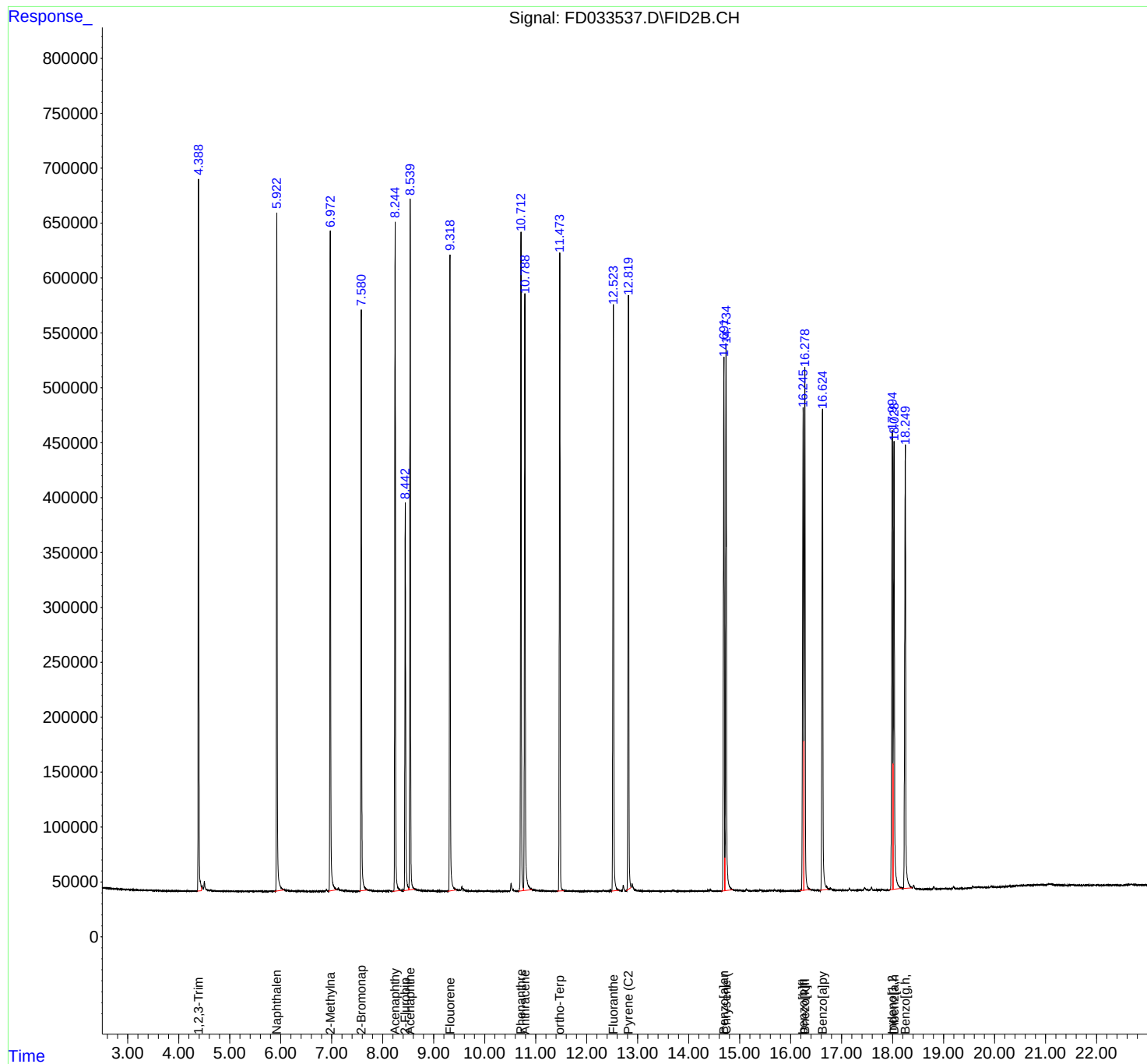
(f)=RT Delta > 1/2 Window

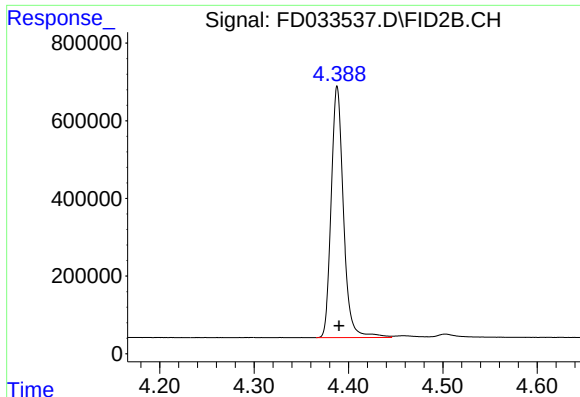
(m)=manual int.

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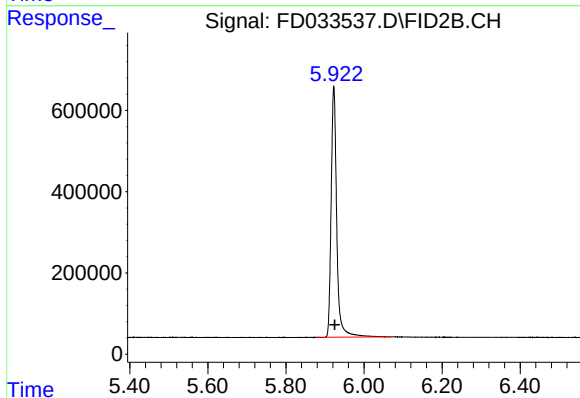
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Signal Info : 20M x 0.18mm x 0.18µm





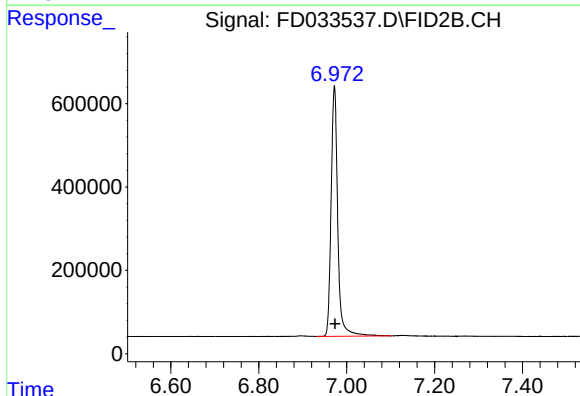
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.388 min
Delta R.T.: -0.002 min
Response: 5858097
Conc: 50.75 ug/ml



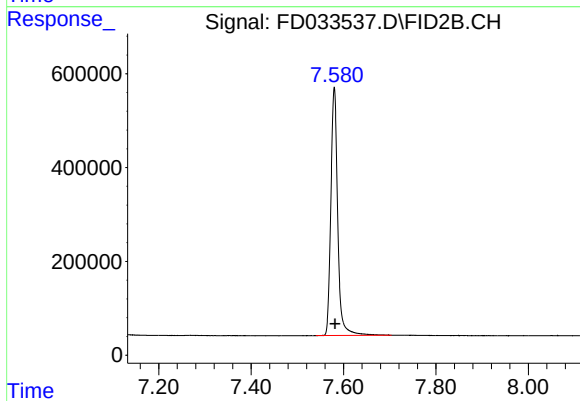
#2 Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 6140257
Conc: 52.32 ug/ml



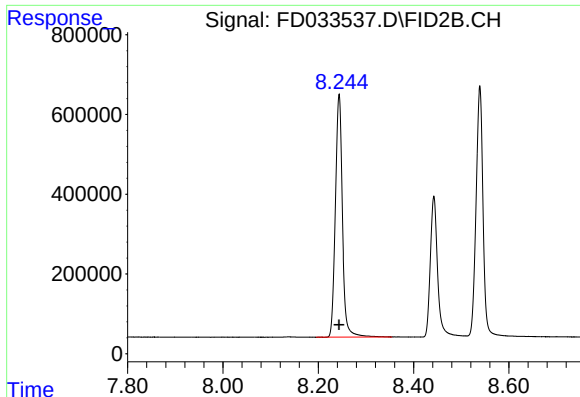
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.972 min
Delta R.T.: -0.001 min
Response: 6271094
Conc: 51.63 ug/ml



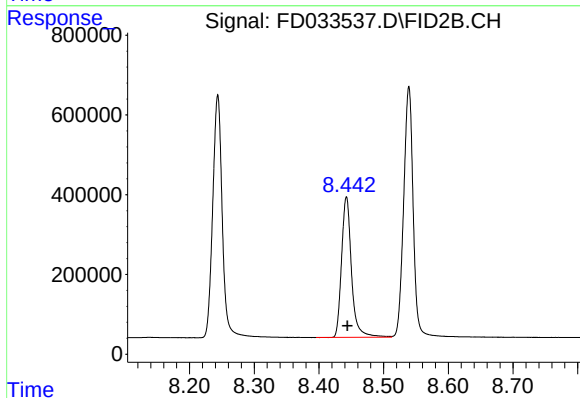
#4 2-Bromonaphthalene (SURR)

R.T.: 7.580 min
Delta R.T.: -0.001 min
Response: 5455161
Conc: 51.84 ug/ml



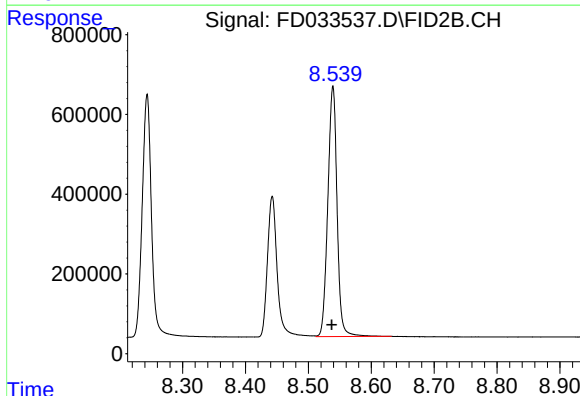
#5 Acenaphthylene (C15.06)

R.T.: 8.244 min
Delta R.T.: 0.000 min
Response: 6234236
Conc: 50.64 ug/ml



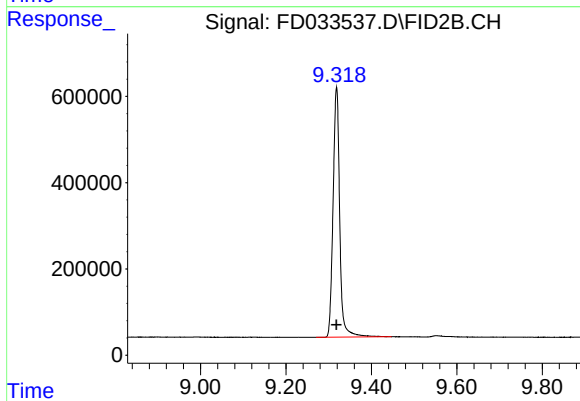
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.443 min
Delta R.T.: -0.002 min
Response: 3775231
Conc: 53.55 ug/ml



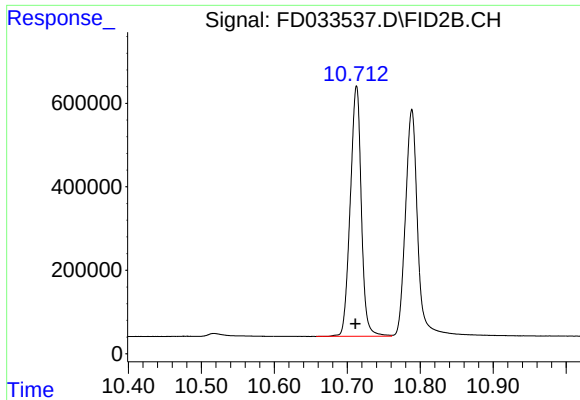
#7 Acenaphthene (C15.5)

R.T.: 8.539 min
Delta R.T.: 0.002 min
Response: 6418316
Conc: 49.67 ug/ml



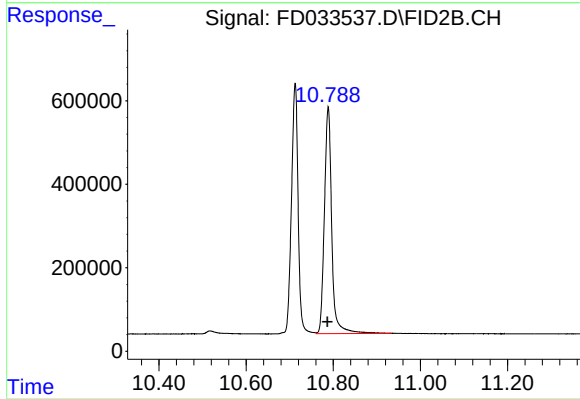
#8 Fluorene (C16.55)

R.T.: 9.319 min
Delta R.T.: 0.000 min
Response: 6244913
Conc: 51.70 ug/ml



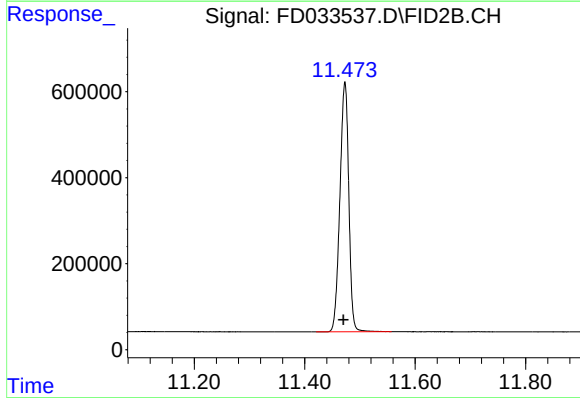
#9 Phenanthrene (C19.36)

R.T.: 10.713 min
Delta R.T.: 0.002 min
Response: 6318164
Conc: 50.86 ug/ml



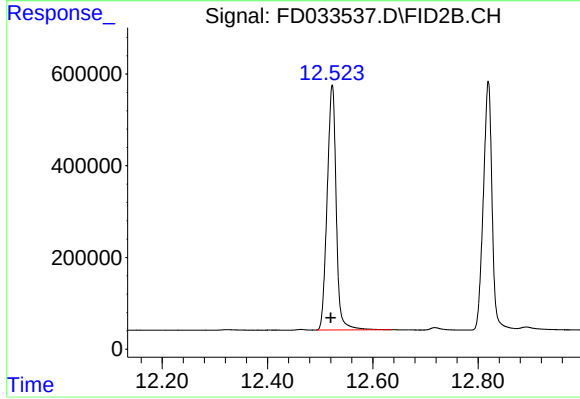
#10 Anthracene (C19.43)

R.T.: 10.789 min
Delta R.T.: 0.002 min
Response: 6358058
Conc: 50.63 ug/ml



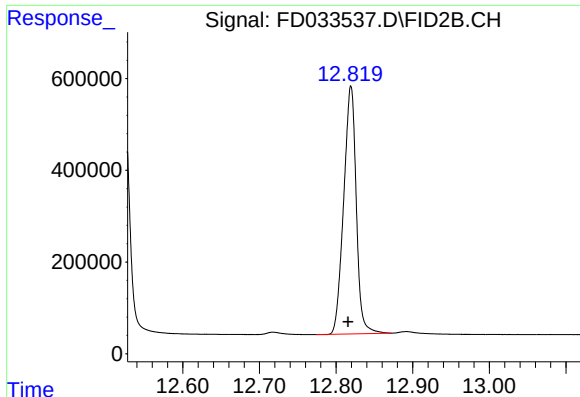
#11 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: 0.003 min
Response: 6482408
Conc: 49.82 ug/ml



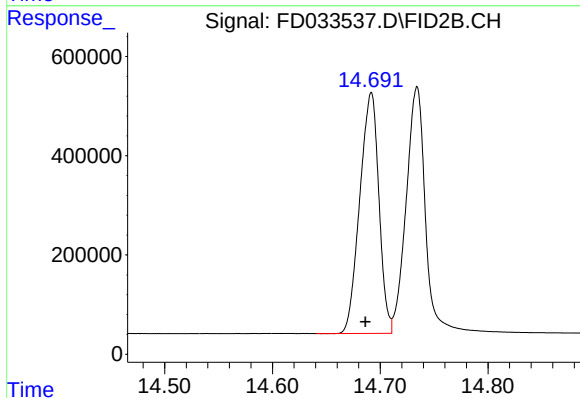
#12 Fluoranthene (C21.85)

R.T.: 12.523 min
Delta R.T.: 0.003 min
Response: 6383924
Conc: 49.82 ug/ml



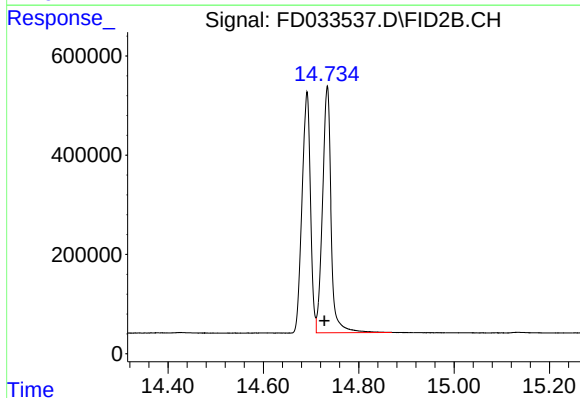
#13 Pyrene (C20.8)

R.T.: 12.819 min
Delta R.T.: 0.004 min
Response: 6157429
Conc: 50.30 ug/ml



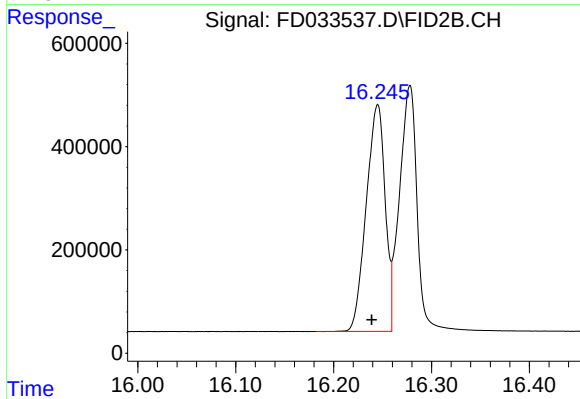
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.692 min
Delta R.T.: 0.005 min
Response: 5985009
Conc: 51.50 ug/ml



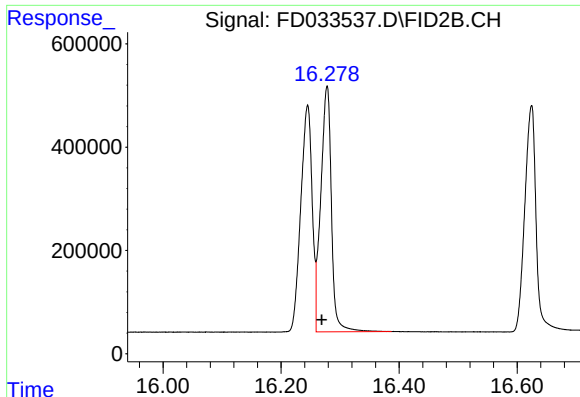
#15 Chrysene (C27.41)

R.T.: 14.734 min
Delta R.T.: 0.006 min
Response: 6233615
Conc: 47.42 ug/ml



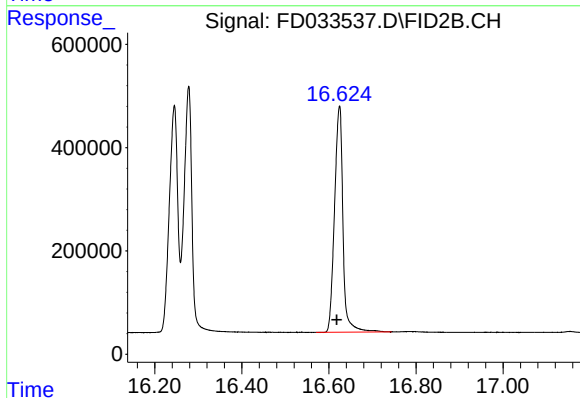
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.245 min
Delta R.T.: 0.006 min
Response: 5889733
Conc: 49.98 ug/ml



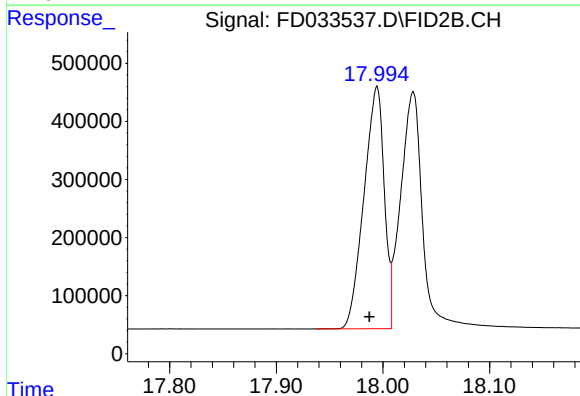
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.278 min
Delta R.T.: 0.009 min
Response: 5956726
Conc: 47.50 ug/ml



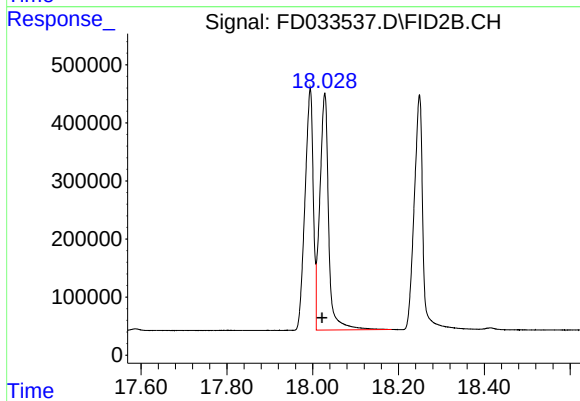
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.624 min
Delta R.T.: 0.006 min
Response: 5897158
Conc: 49.12 ug/ml



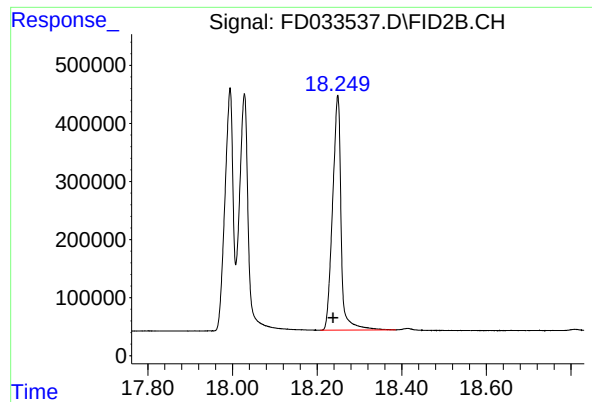
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.994 min
Delta R.T.: 0.007 min
Response: 5528310
Conc: 53.68 ug/ml



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

R.T.: 18.028 min
Delta R.T.: 0.006 min
Response: 5868044
Conc: 45.81 ug/ml



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

R.T.: 18.249 min
Delta R.T.: 0.011 min
Response: 5655956
Conc: 49.05 ug/ml