

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051920AR\
 Data File : FD033539.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2020 2:50
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 20 06:44:22 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...	7.584	1043352	9.915 ug/ml
Spiked Amount 50.000		Recovery =	19.83%
6) S 2-Fluorobiphenyl (SURR)	8.448	662803	9.401 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.80%
11) S ortho-Terphenyl (SURR)	11.470	1370861	10.536 ug/ml
Spiked Amount 50.000		Recovery =	21.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.391	1178544	10.209 ug/ml
2) T Naphthalene (C11.7)	5.927	1171561	9.982 ug/ml
3) T 2-Methylnaphthalene (...)	6.976	1201075	9.888 ug/ml
5) T Acenaphthylene (C15.06)	8.245	1260595	10.240 ug/ml
7) T Acenaphthene (C15.5)	8.538	1346503	10.420 ug/ml
8) T Flouorene (C16.55)	9.320	1207010	9.993 ug/ml
9) T Phenanthrene (C19.36)	10.713	1260188	10.143 ug/ml
10) T Anthracene (C19.43)	10.790	1256604	10.007 ug/ml
12) T Fluoranthene (C21.85)	12.521	1315219	10.264 ug/ml
13) T Pyrene (C20.8)	12.818	1265986	10.343 ug/ml
14) T Benzo[a]anthracene (C...	14.688	1117746	9.617 ug/ml
15) T Chrysene (C27.41)	14.729	1412404	10.745 ug/ml
16) T benzo[b]fluoranthene ...	16.239	1157313	9.821 ug/ml
17) T Bnezo[k]fluoranthene ...	16.270	1336778	10.659 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.623	1229140	10.238 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.990	968865	9.408 ug/ml
20) T Dibenz[a,h]anthracene...	18.025	1331328	10.394 ug/ml
21) T Benzo[g,h,i]perylene ...	18.240	1146521	9.942 ug/ml

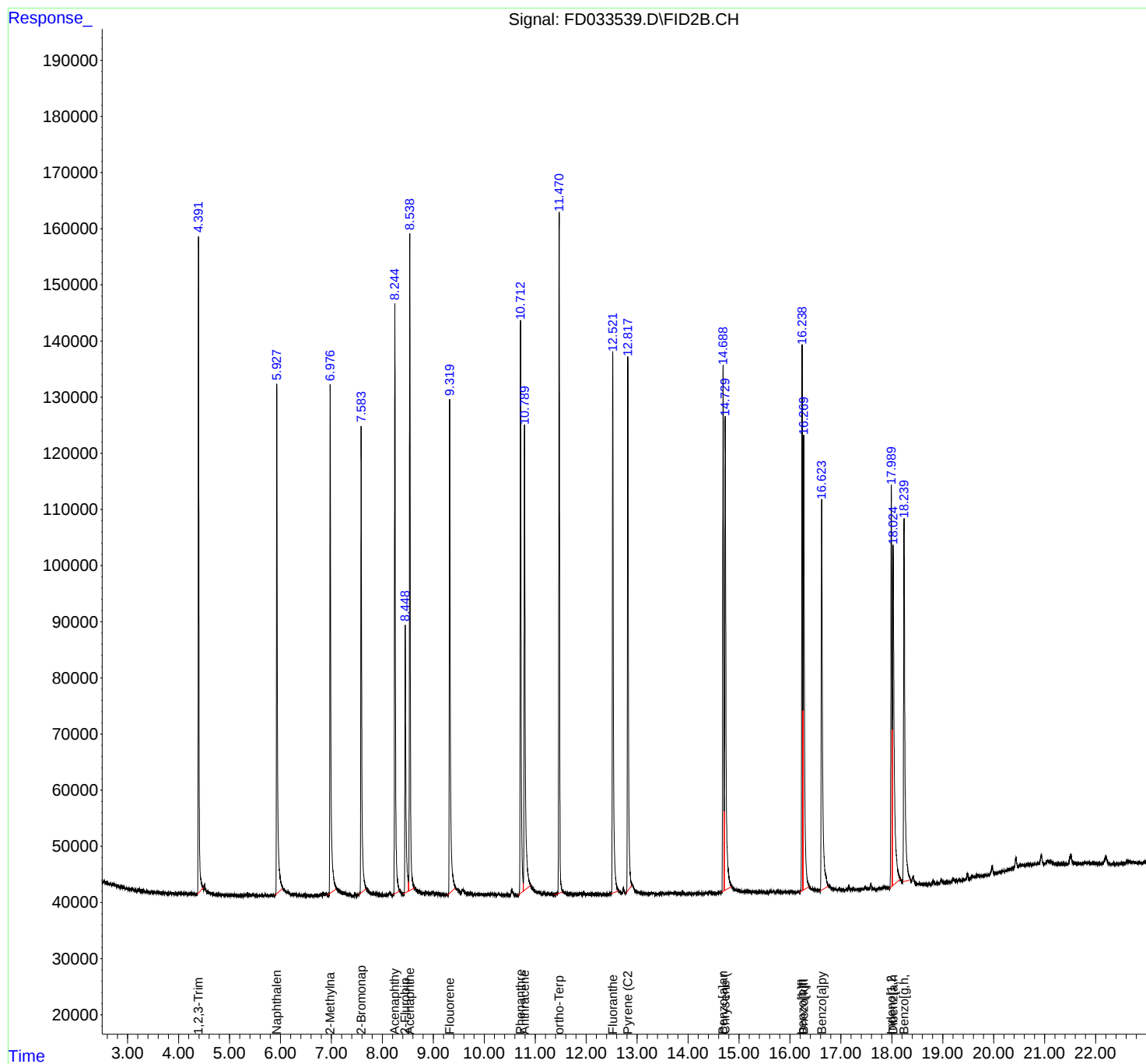
(f)=RT Delta > 1/2 Window

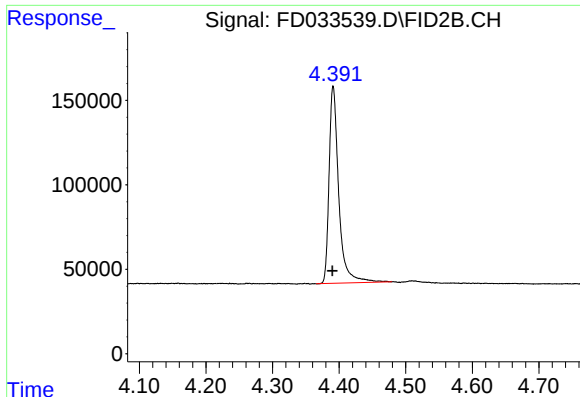
(m)=manual int.

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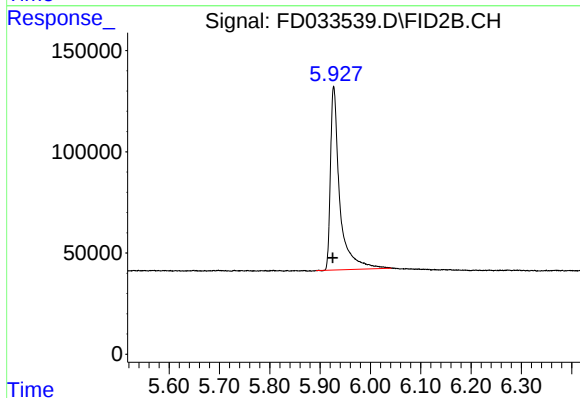
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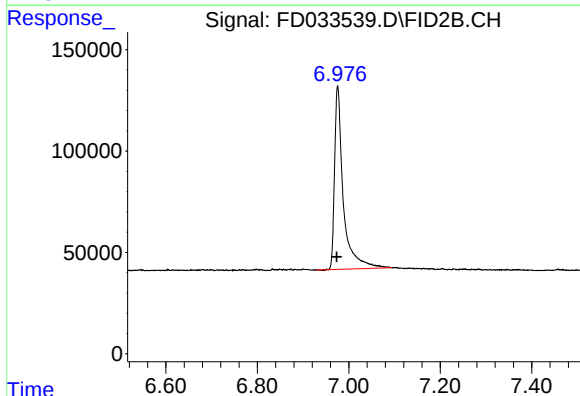
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.391 min
Delta R.T.: 0.001 min
Response: 1178544
Conc: 10.21 ug/ml



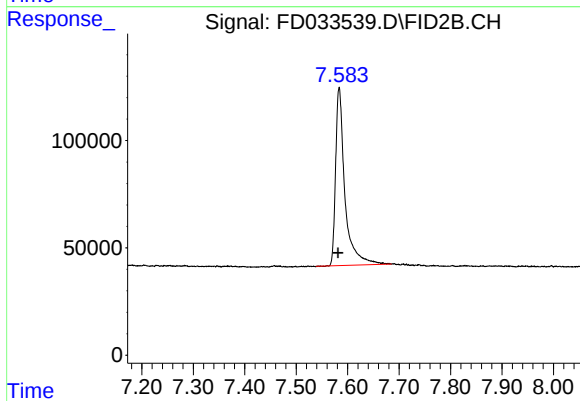
#2 Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: 0.002 min
Response: 1171561
Conc: 9.98 ug/ml



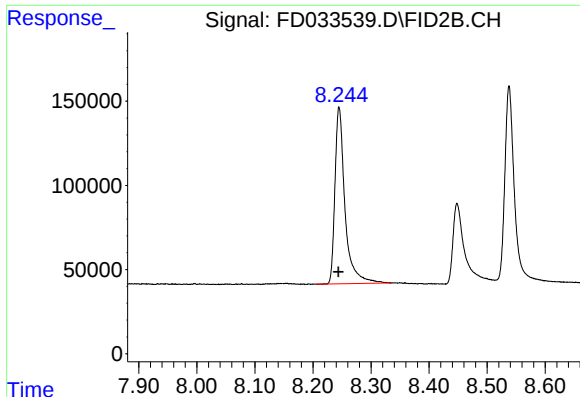
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: 0.002 min
Response: 1201075
Conc: 9.89 ug/ml



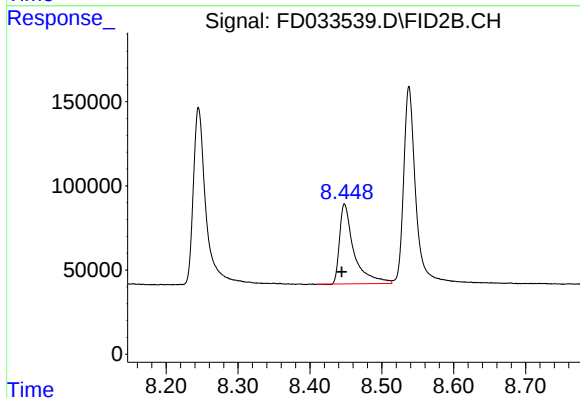
#4 2-Bromonaphthalene (SURR)

R.T.: 7.584 min
Delta R.T.: 0.002 min
Response: 1043352
Conc: 9.92 ug/ml



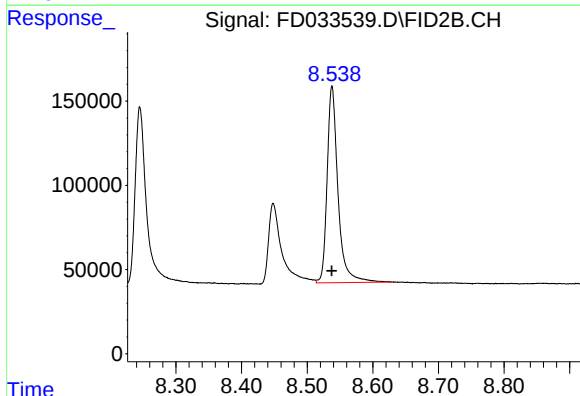
#5 Acenaphthylene (C15.06)

R.T.: 8.245 min
Delta R.T.: 0.001 min
Response: 1260595
Conc: 10.24 ug/ml



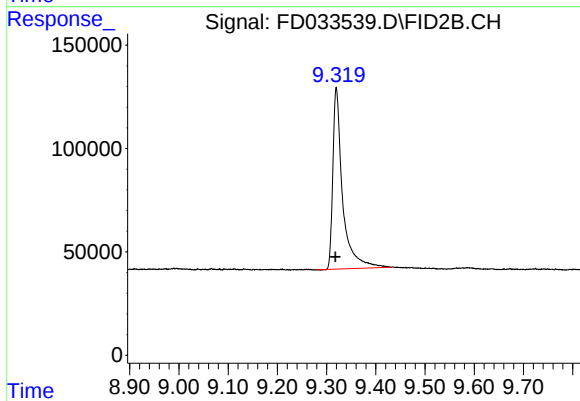
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: 0.004 min
Response: 662803
Conc: 9.40 ug/ml



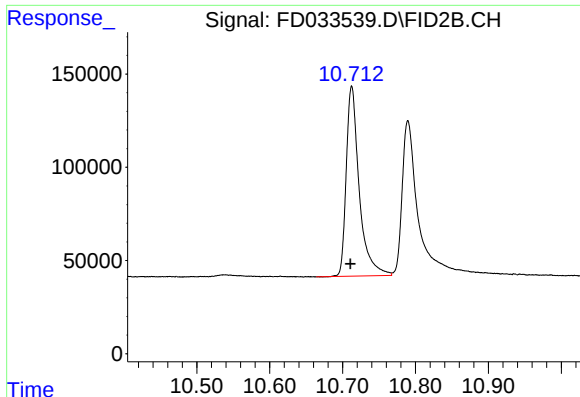
#7 Acenaphthene (C15.5)

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 1346503
Conc: 10.42 ug/ml



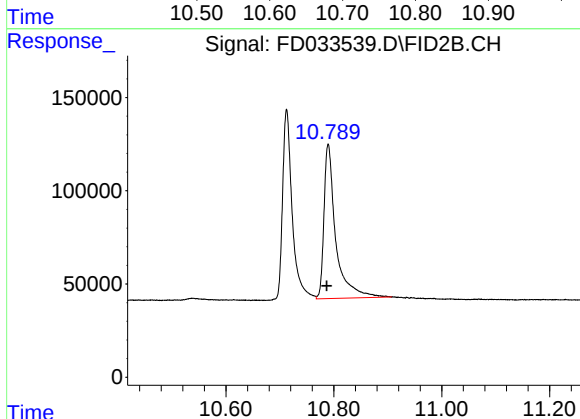
#8 Flouorene (C16.55)

R.T.: 9.320 min
Delta R.T.: 0.002 min
Response: 1207010
Conc: 9.99 ug/ml



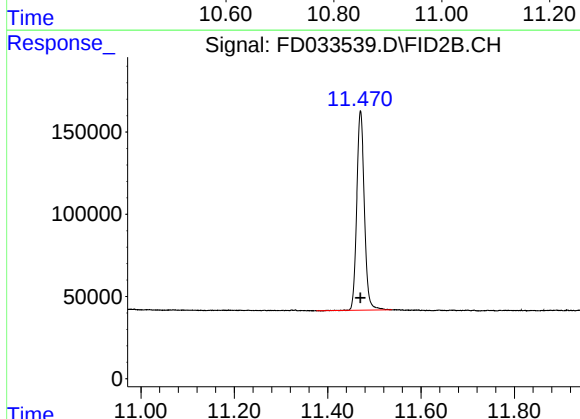
#9 Phenanthrene (C19.36)

R.T.: 10.713 min
Delta R.T.: 0.002 min
Response: 1260188
Conc: 10.14 ug/ml



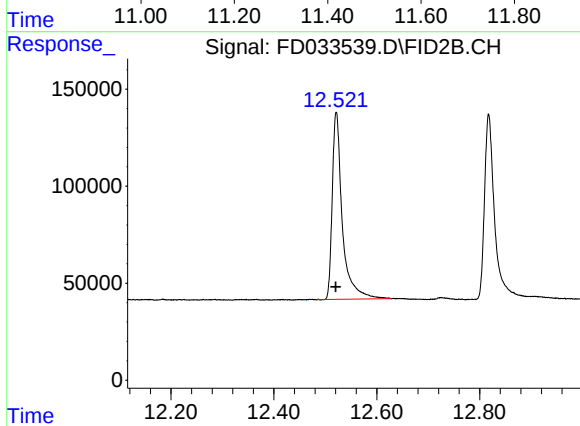
#10 Anthracene (C19.43)

R.T.: 10.790 min
Delta R.T.: 0.003 min
Response: 1256604
Conc: 10.01 ug/ml



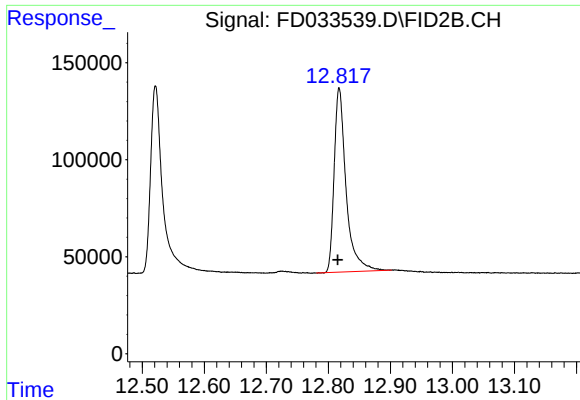
#11 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: 0.000 min
Response: 1370861
Conc: 10.54 ug/ml



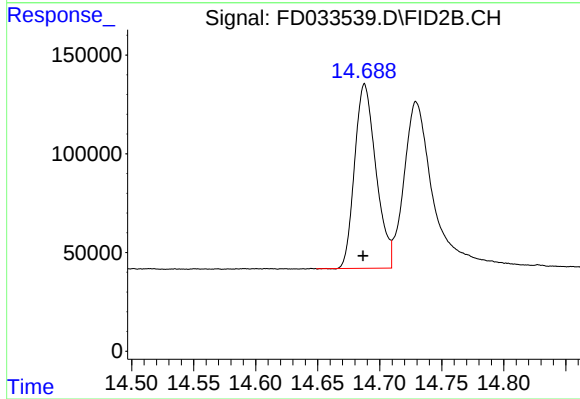
#12 Fluoranthene (C21.85)

R.T.: 12.521 min
Delta R.T.: 0.001 min
Response: 1315219
Conc: 10.26 ug/ml



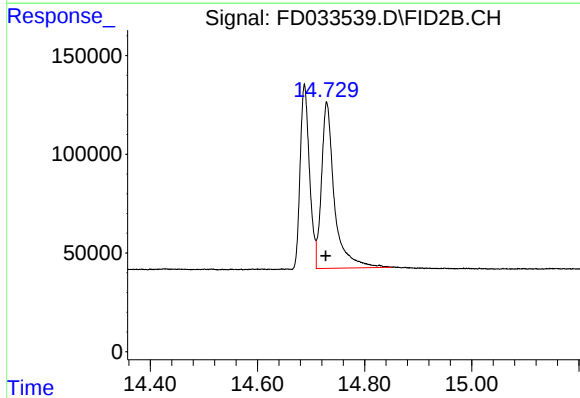
#13 Pyrene (C20.8)

R.T.: 12.818 min
Delta R.T.: 0.002 min
Response: 1265986
Conc: 10.34 ug/ml



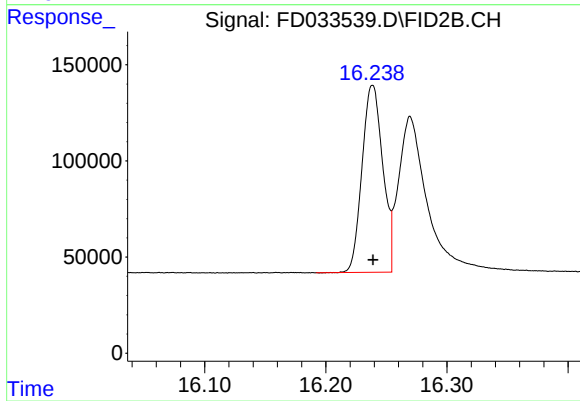
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.688 min
Delta R.T.: 0.001 min
Response: 1117746
Conc: 9.62 ug/ml



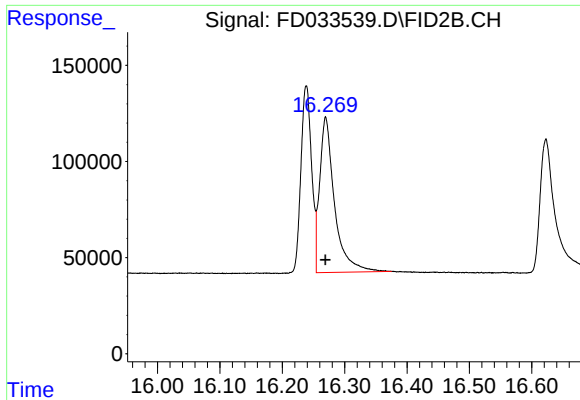
#15 Chrysene (C27.41)

R.T.: 14.729 min
Delta R.T.: 0.002 min
Response: 1412404
Conc: 10.74 ug/ml



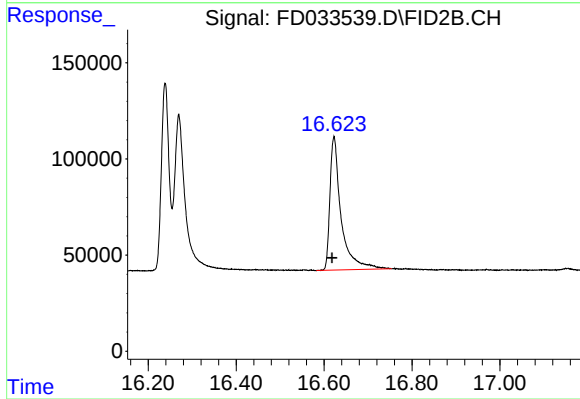
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.239 min
Delta R.T.: 0.000 min
Response: 1157313
Conc: 9.82 ug/ml



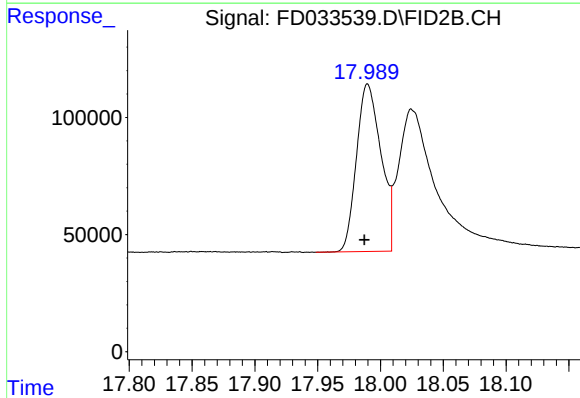
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.270 min
Delta R.T.: 0.000 min
Response: 1336778
Conc: 10.66 ug/ml



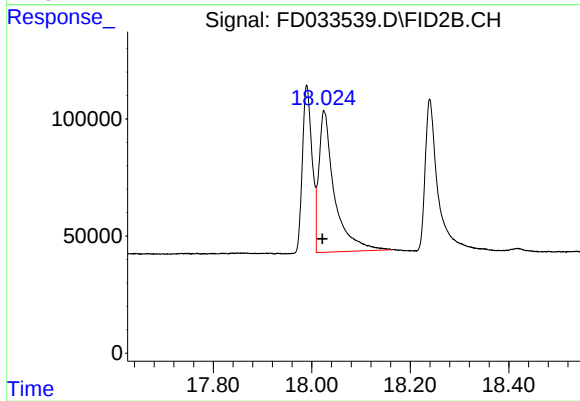
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.623 min
Delta R.T.: 0.005 min
Response: 1229140
Conc: 10.24 ug/ml



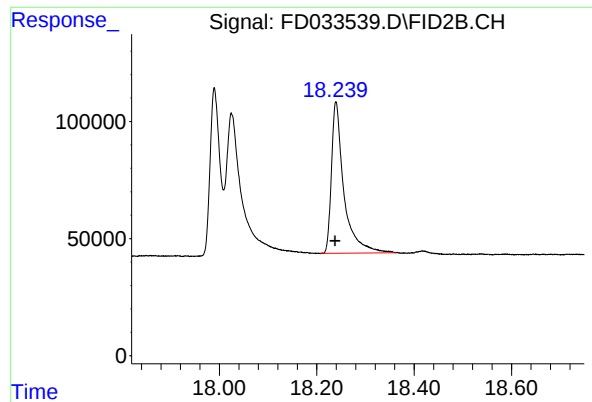
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.990 min
Delta R.T.: 0.003 min
Response: 968865
Conc: 9.41 ug/ml



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

R.T.: 18.025 min
Delta R.T.: 0.003 min
Response: 1331328
Conc: 10.39 ug/ml



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

R.T.: 18.240 min
Delta R.T.: 0.002 min
Response: 1146521
Conc: 9.94 ug/ml