

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102919AR\
 Data File : FD031277.D
 Signal(s) : FID2B.CH
 Acq On : 29 Oct 2019 23:34
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 30 02:19:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 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...	7.536	2128482	22.268 ug/ml
Spiked Amount 50.000		Recovery =	44.54%
6) S 2-Fluorobiphenyl (SURR)	8.398	1375539	21.679 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.36%
11) S ortho-Terphenyl (SURR)	11.424	2306267	21.043 ug/ml
Spiked Amount 50.000		Recovery =	42.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.346	2265435	22.837 ug/ml
2) T Naphthalene (C11.7)	5.879	2355262	23.262 ug/ml
3) T 2-Methylnaphthalene (...)	6.928	2318677	22.614 ug/ml
5) T Acenaphthylene (C15.06)	8.198	2219534	21.501 ug/ml
7) T Acenaphthene (C15.5)	8.492	2393216	21.925 ug/ml
8) T Fluorene (C16.55)	9.272	2246611	21.673 ug/ml
9) T Phenanthrene (C19.36)	10.664	2239520	21.438 ug/ml
10) T Anthracene (C19.43)	10.740	1948302	18.568 ug/ml
12) T Fluoranthene (C21.85)	12.472	2278650	21.450 ug/ml
13) T Pyrene (C20.8)	12.768	2198743	20.751 ug/ml
14) T Benzo[a]anthracene (C...	14.679	2351349	24.475 ug/ml
15) T Chrysene (C27.41)	14.679	2351349	21.388 ug/ml
16) T benzo[b]fluoranthene ...	16.218	2377385	24.509 ug/ml
17) T Bnezo[k]fluoranthene ...	16.218	2377385	21.841 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.565	2115471	21.557 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.966	2448431	27.089 ug/ml
20) T Dibenz[a,h]anthracene...	17.966	2448431	23.850 ug/ml
21) T Benzo[g,h,i]perylene ...	18.184	2226576	23.358 ug/ml

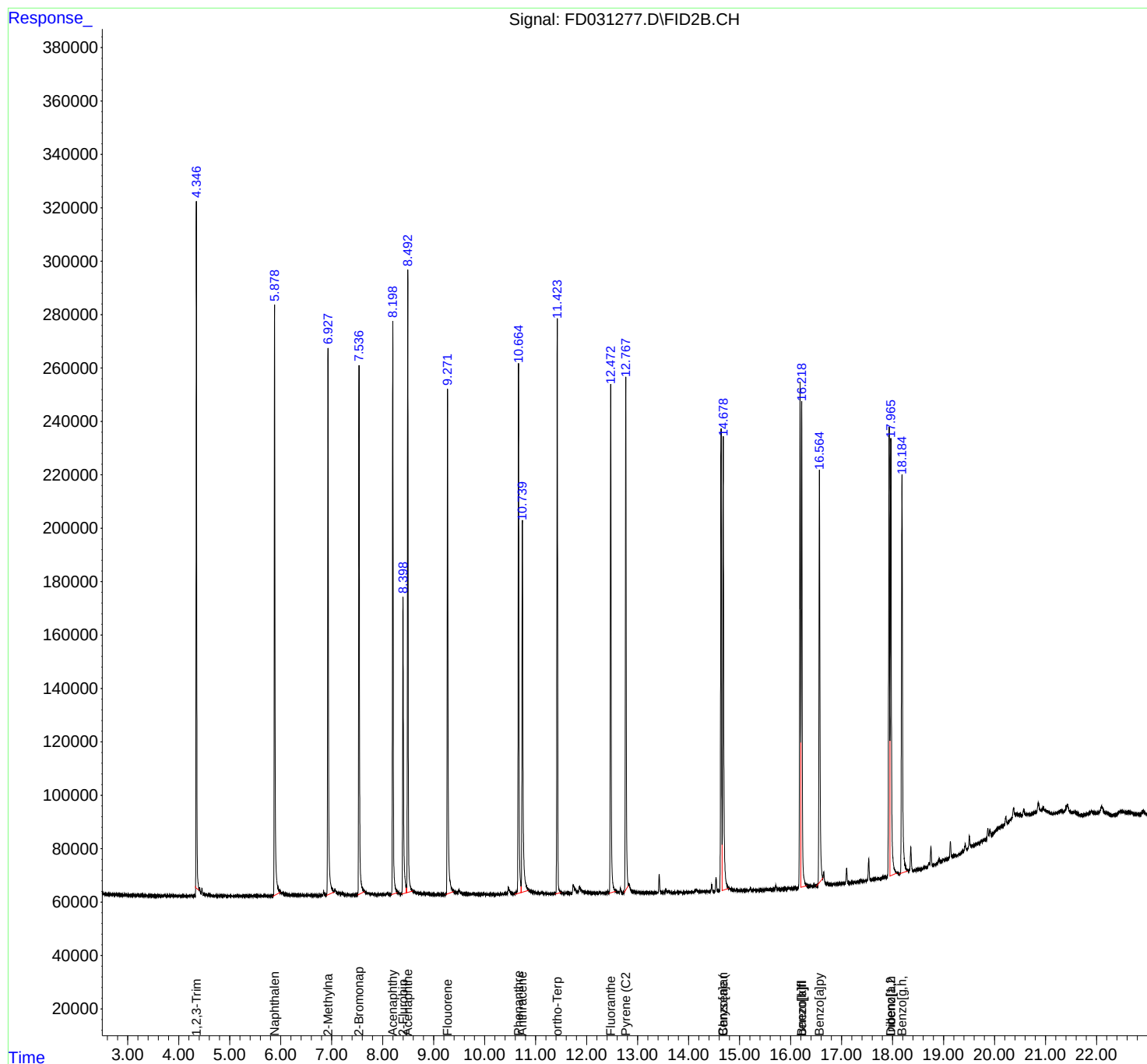
(f)=RT Delta > 1/2 Window

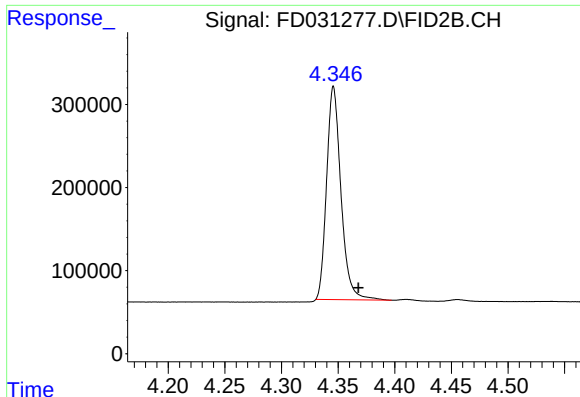
(m)=manual int.

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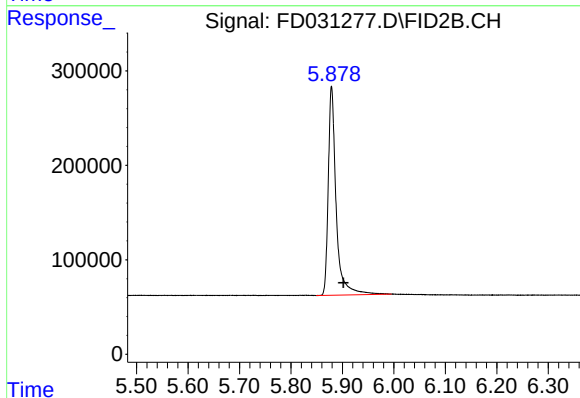
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





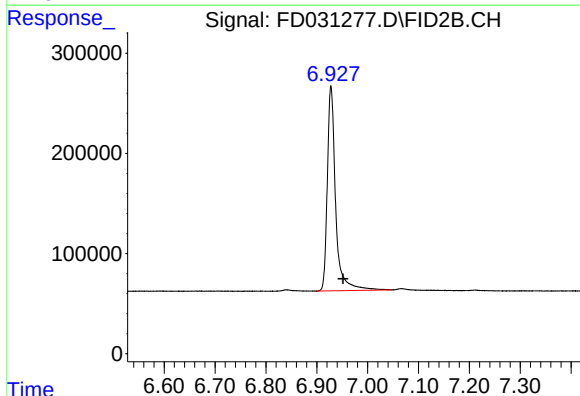
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.346 min
Delta R.T.: -0.022 min
Response: 2265435
Conc: 22.84 ug/ml



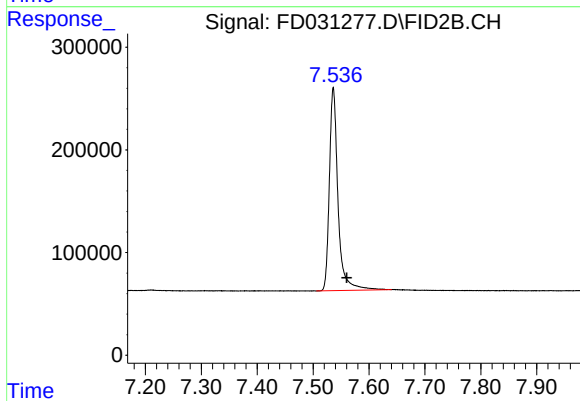
#2 Naphthalene (C11.7)

R.T.: 5.879 min
Delta R.T.: -0.023 min
Response: 2355262
Conc: 23.26 ug/ml



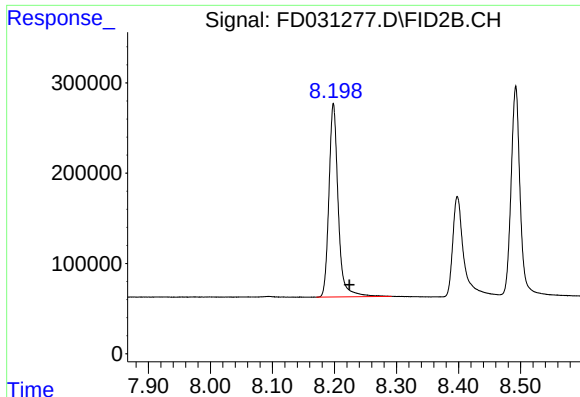
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.928 min
Delta R.T.: -0.024 min
Response: 2318677
Conc: 22.61 ug/ml



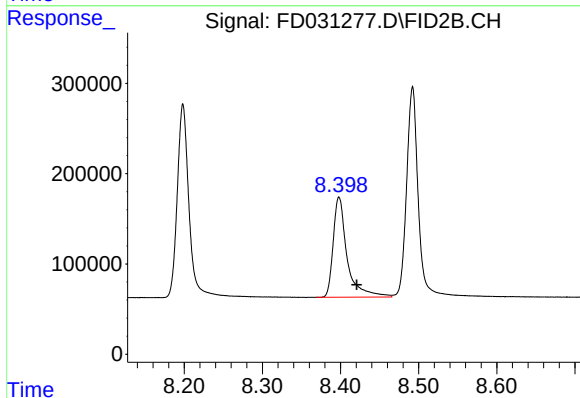
#4 2-Bromonaphthalene (SURR)

R.T.: 7.536 min
Delta R.T.: -0.024 min
Response: 2128482
Conc: 22.27 ug/ml



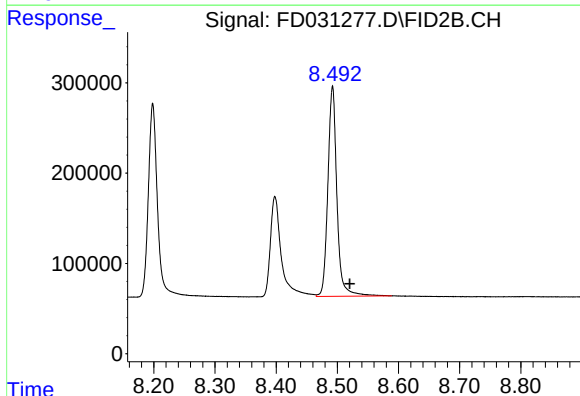
#5 Acenaphthylene (C15.06)

R.T.: 8.198 min
Delta R.T.: -0.026 min
Response: 2219534
Conc: 21.50 ug/ml



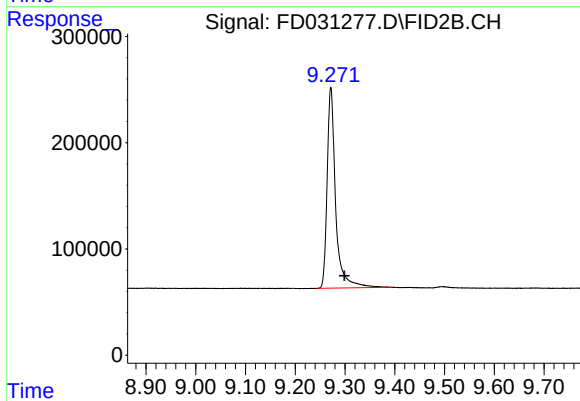
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.398 min
Delta R.T.: -0.022 min
Response: 1375539
Conc: 21.68 ug/ml



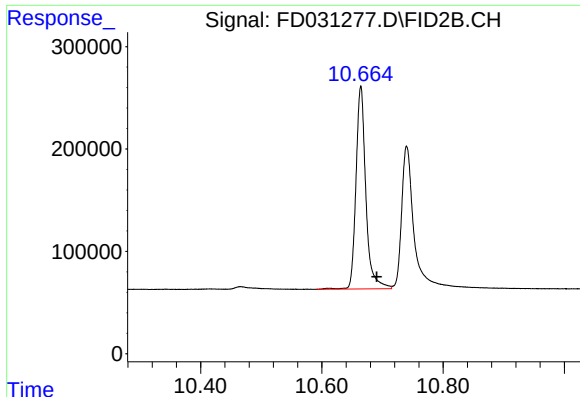
#7 Acenaphthene (C15.5)

R.T.: 8.492 min
Delta R.T.: -0.028 min
Response: 2393216
Conc: 21.92 ug/ml



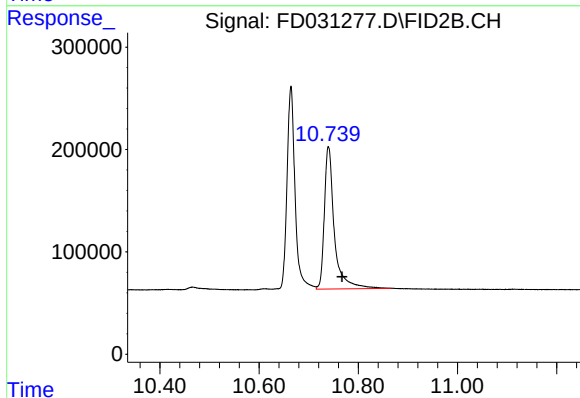
#8 Flouorene (C16.55)

R.T.: 9.272 min
Delta R.T.: -0.027 min
Response: 2246611
Conc: 21.67 ug/ml



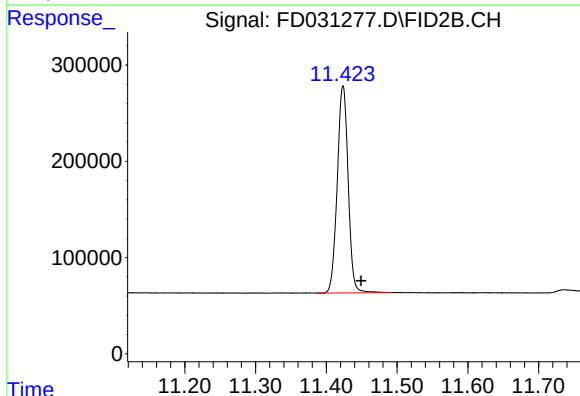
#9 Phenanthrene (C19.36)

R.T.: 10.664 min
Delta R.T.: -0.026 min
Response: 2239520
Conc: 21.44 ug/ml



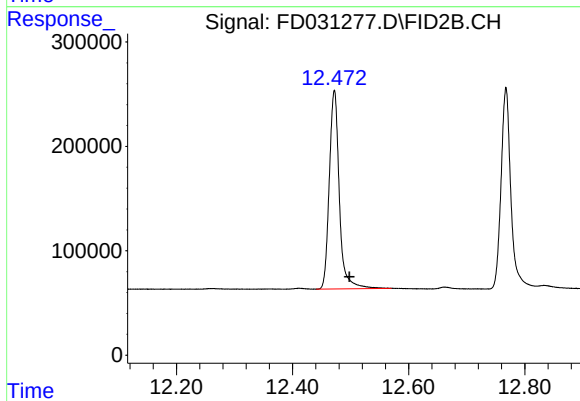
#10 Anthracene (C19.43)

R.T.: 10.740 min
Delta R.T.: -0.028 min
Response: 1948302
Conc: 18.57 ug/ml



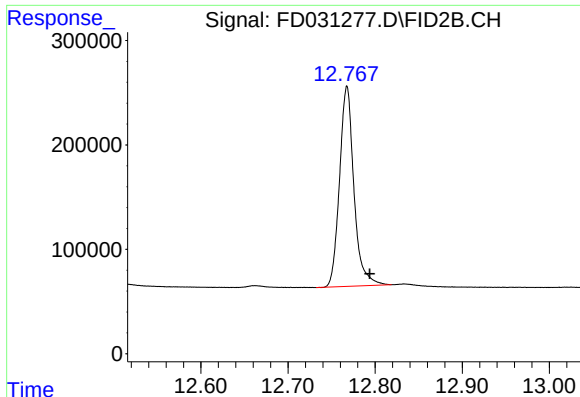
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.026 min
Response: 2306267
Conc: 21.04 ug/ml



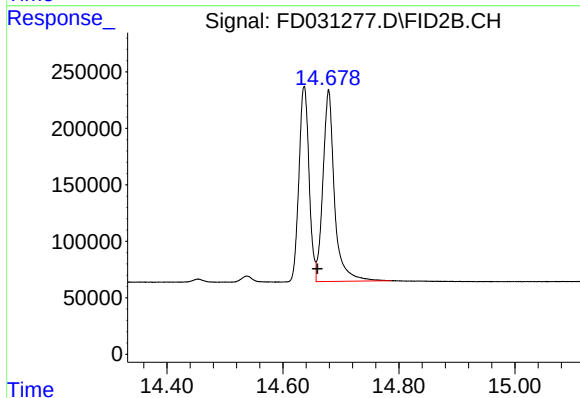
#12 Fluoranthene (C21.85)

R.T.: 12.472 min
Delta R.T.: -0.025 min
Response: 2278650
Conc: 21.45 ug/ml



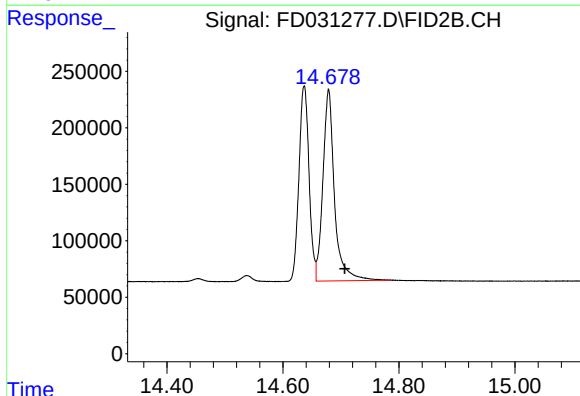
#13 Pyrene (C20.8)

R.T.: 12.768 min
Delta R.T.: -0.026 min
Response: 2198743
Conc: 20.75 ug/ml



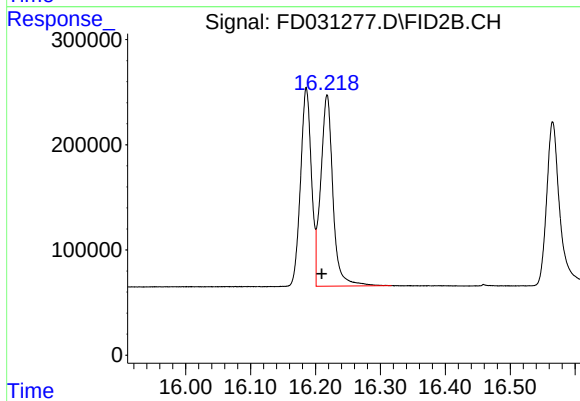
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.679 min
Delta R.T.: 0.020 min
Response: 2351349
Conc: 24.47 ug/ml



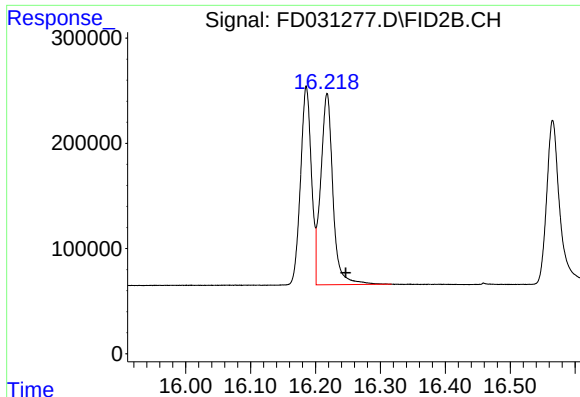
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: -0.027 min
Response: 2351349
Conc: 21.39 ug/ml



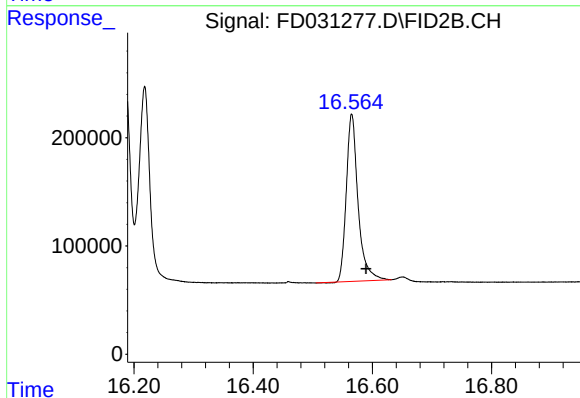
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.218 min
Delta R.T.: 0.008 min
Response: 2377385
Conc: 24.51 ug/ml



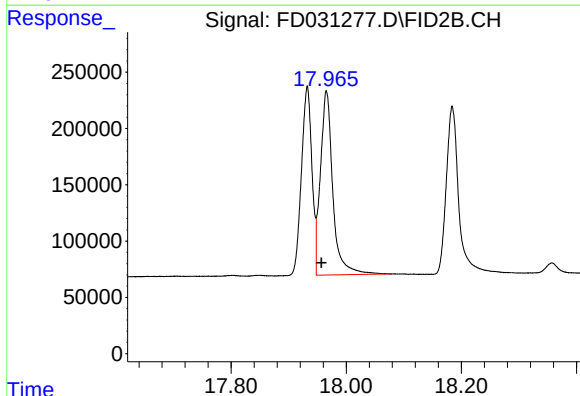
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.218 min
Delta R.T.: -0.029 min
Response: 2377385
Conc: 21.84 ug/ml



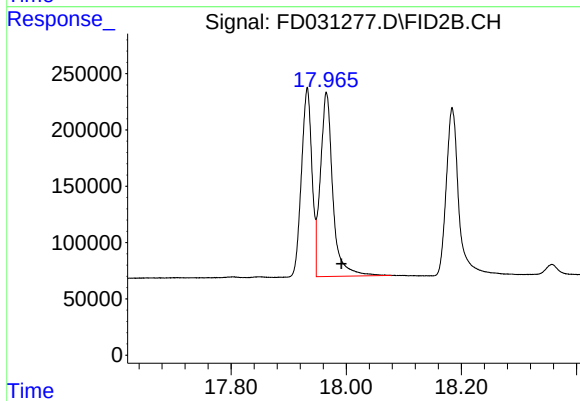
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.565 min
Delta R.T.: -0.024 min
Response: 2115471
Conc: 21.56 ug/ml



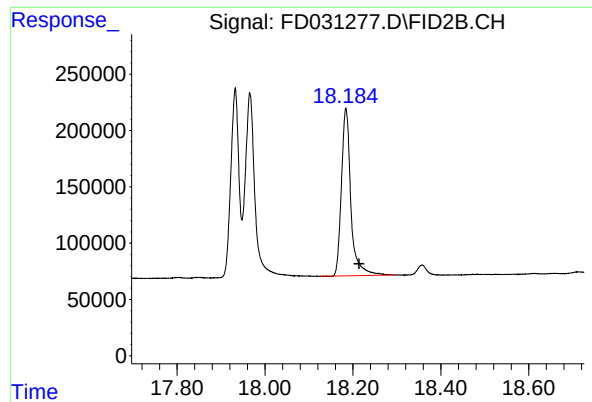
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.966 min
Delta R.T.: 0.009 min
Response: 2448431
Conc: 27.09 ug/ml



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

R.T.: 17.966 min
Delta R.T.: -0.026 min
Response: 2448431
Conc: 23.85 ug/ml



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

R.T.: 18.184 min
Delta R.T.: -0.030 min
Response: 2226576
Conc: 23.36 ug/ml