

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102519AR\
 Data File : FD031236.D
 Signal(s) : FID2B.CH
 Acq On : 25 Oct 2019 14:09
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 23:50:45 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...	7.538	2085410	21.817 ug/ml
Spiked Amount 50.000		Recovery =	43.63%
6) S 2-Fluorobiphenyl (SURR)	8.400	1346712	21.224 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.45%
11) S ortho-Terphenyl (SURR)	11.426	2291873	20.911 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.347	2217467	22.354 ug/ml
2) T Naphthalene (C11.7)	5.880	2285641	22.574 ug/ml
3) T 2-Methylnaphthalene (...)	6.929	2258722	22.030 ug/ml
5) T Acenaphthylene (C15.06)	8.199	2187774	21.194 ug/ml
7) T Acenaphthene (C15.5)	8.493	2351969	21.547 ug/ml
8) T Fluorene (C16.55)	9.274	2232436	21.536 ug/ml
9) T Phenanthrene (C19.36)	10.666	2212499	21.179 ug/ml
10) T Anthracene (C19.43)	10.742	1976304	18.835 ug/ml
12) T Fluoranthene (C21.85)	12.474	2250655	21.186 ug/ml
13) T Pyrene (C20.8)	12.769	2167019	20.451 ug/ml
14) T Benzo[a]anthracene (C...	14.680	2320274	24.151 ug/ml
15) T Chrysene (C27.41)	14.680	2320274	21.105 ug/ml
16) T benzo[b]fluoranthene ...	16.218	2323784	23.956 ug/ml
17) T Bnezo[k]fluoranthene ...	16.218	2323784	21.349 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.567	2078367	21.179 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.967	2355375	26.059 ug/ml
20) T Dibenz[a,h]anthracene...	17.967	2355375	22.944 ug/ml
21) T Benzo[g,h,i]perylene ...	18.185	2194839	23.026 ug/ml

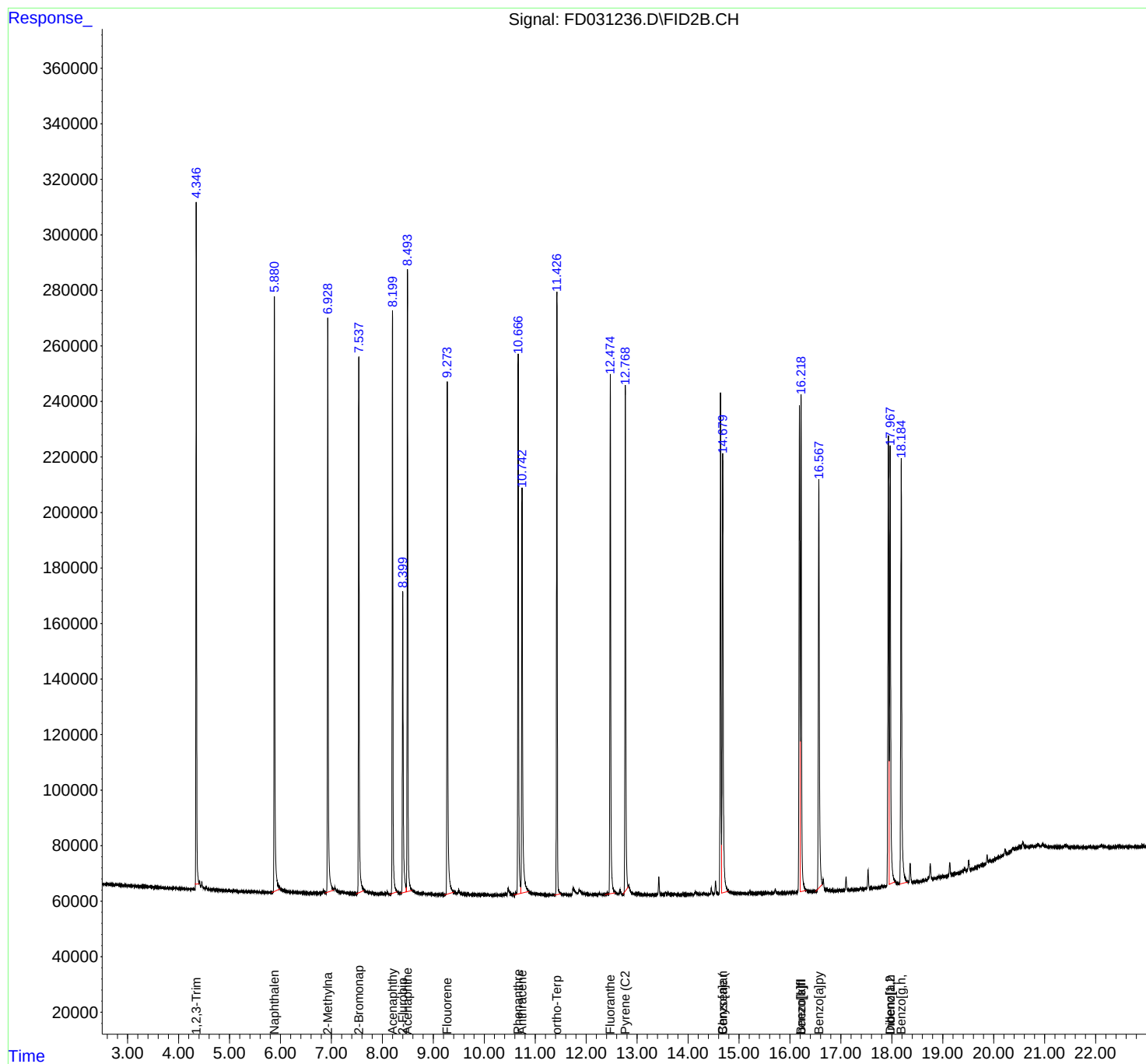
(f)=RT Delta > 1/2 Window

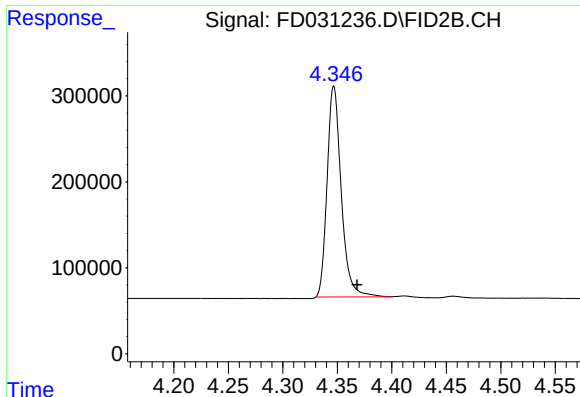
(m)=manual int.

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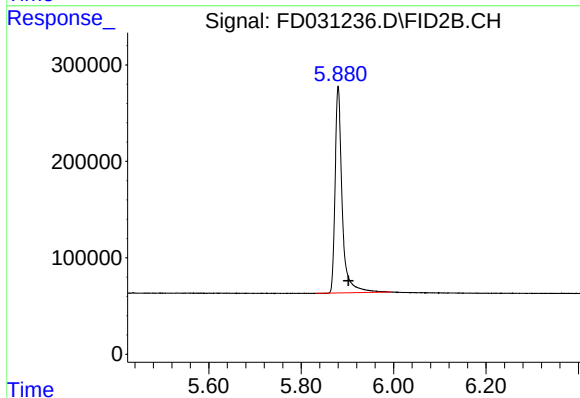
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





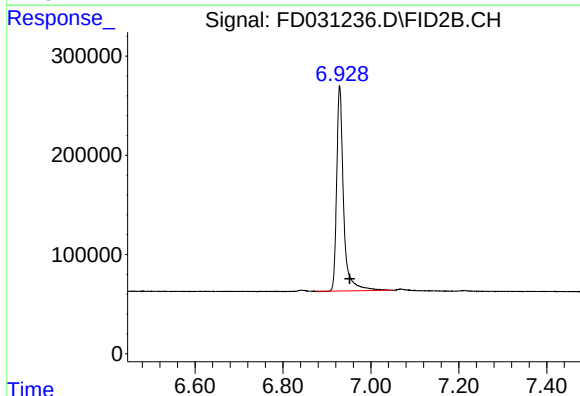
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.347 min
Delta R.T.: -0.021 min
Response: 2217467
Conc: 22.35 ug/ml



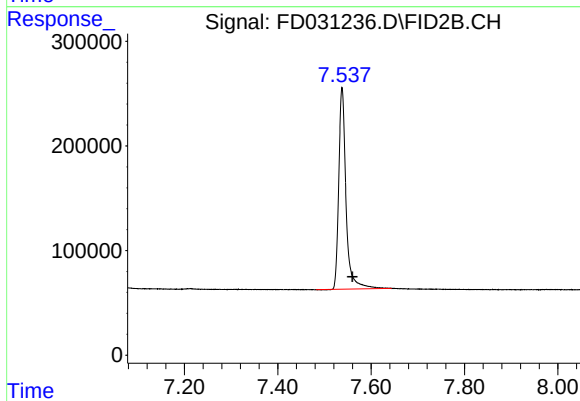
#2 Naphthalene (C11.7)

R.T.: 5.880 min
Delta R.T.: -0.022 min
Response: 2285641
Conc: 22.57 ug/ml



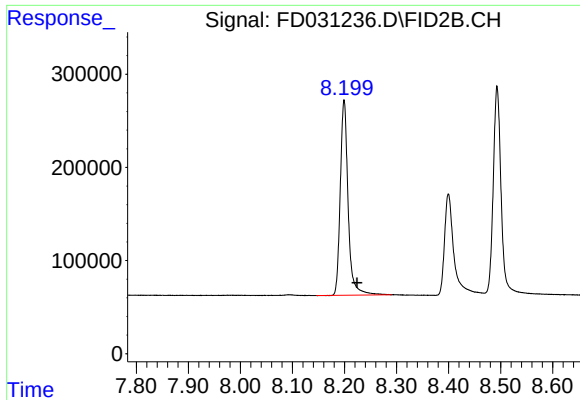
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.929 min
Delta R.T.: -0.023 min
Response: 2258722
Conc: 22.03 ug/ml



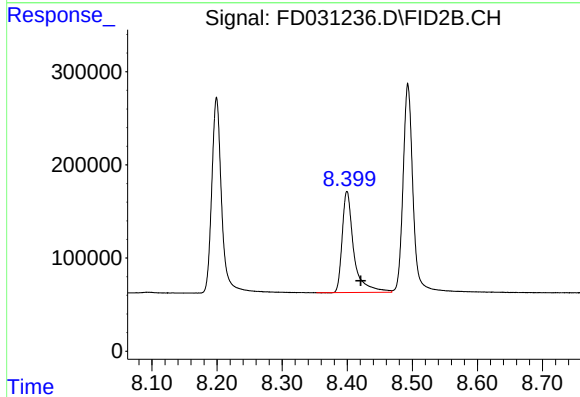
#4 2-Bromonaphthalene (SURR)

R.T.: 7.538 min
Delta R.T.: -0.022 min
Response: 2085410
Conc: 21.82 ug/ml



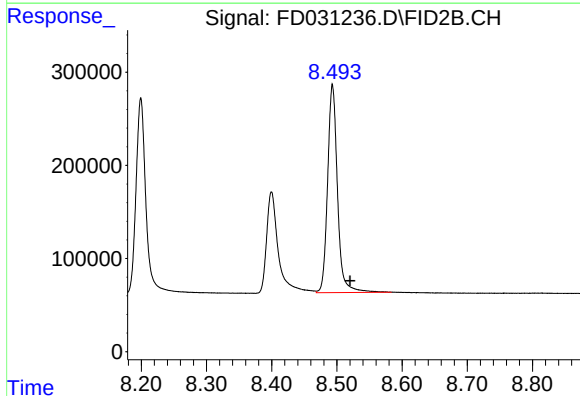
#5 Acenaphthylene (C15.06)

R.T.: 8.199 min
Delta R.T.: -0.025 min
Response: 2187774
Conc: 21.19 ug/ml



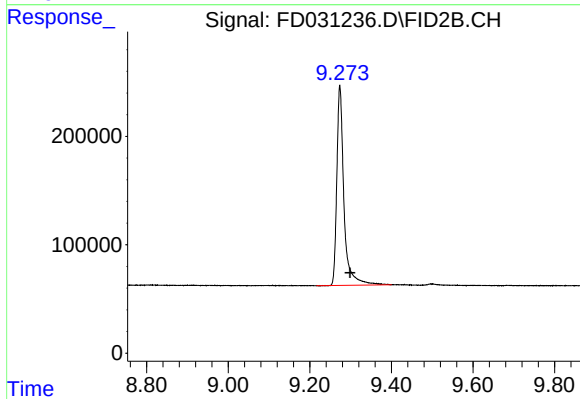
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: -0.021 min
Response: 1346712
Conc: 21.22 ug/ml



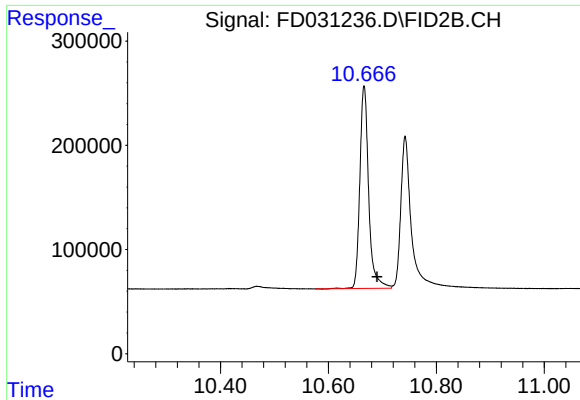
#7 Acenaphthene (C15.5)

R.T.: 8.493 min
Delta R.T.: -0.027 min
Response: 2351969
Conc: 21.55 ug/ml



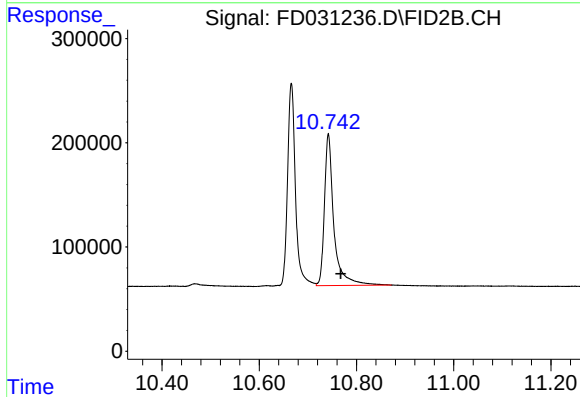
#8 Flouorene (C16.55)

R.T.: 9.274 min
Delta R.T.: -0.025 min
Response: 2232436
Conc: 21.54 ug/ml



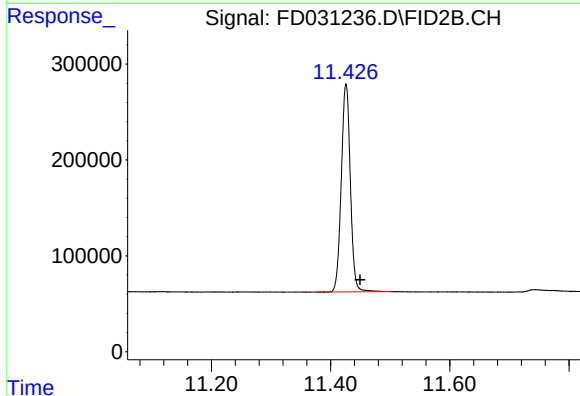
#9 Phenanthrene (C19.36)

R.T.: 10.666 min
Delta R.T.: -0.024 min
Response: 2212499
Conc: 21.18 ug/ml



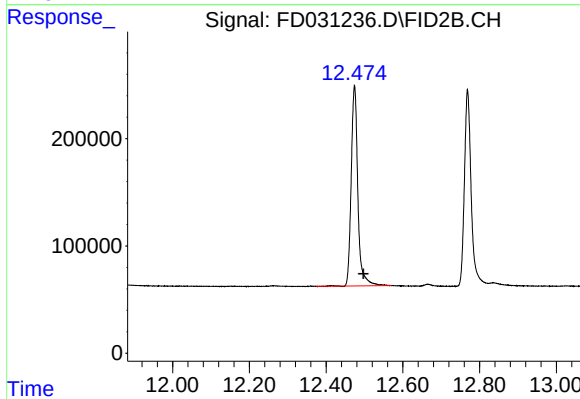
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: -0.025 min
Response: 1976304
Conc: 18.83 ug/ml



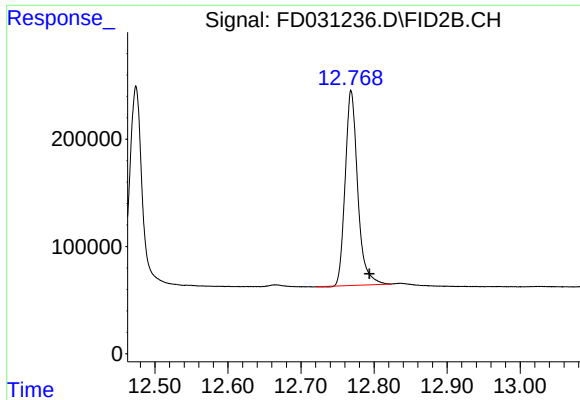
#11 ortho-Terphenyl (SURR)

R.T.: 11.426 min
Delta R.T.: -0.023 min
Response: 2291873
Conc: 20.91 ug/ml



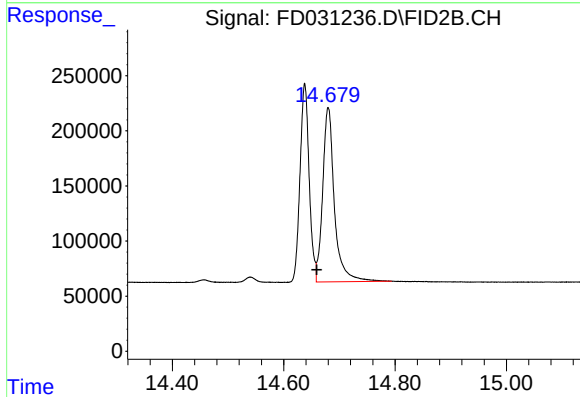
#12 Fluoranthene (C21.85)

R.T.: 12.474 min
Delta R.T.: -0.023 min
Response: 2250655
Conc: 21.19 ug/ml



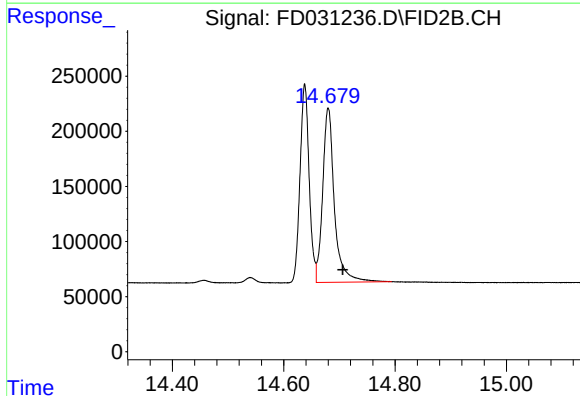
#13 Pyrene (C20.8)

R.T.: 12.769 min
Delta R.T.: -0.025 min
Response: 2167019
Conc: 20.45 ug/ml



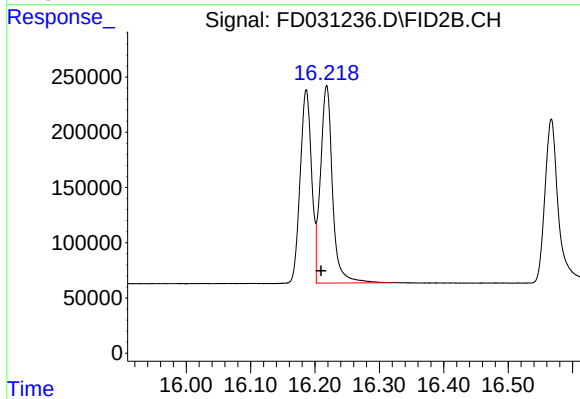
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.680 min
Delta R.T.: 0.021 min
Response: 2320274
Conc: 24.15 ug/ml



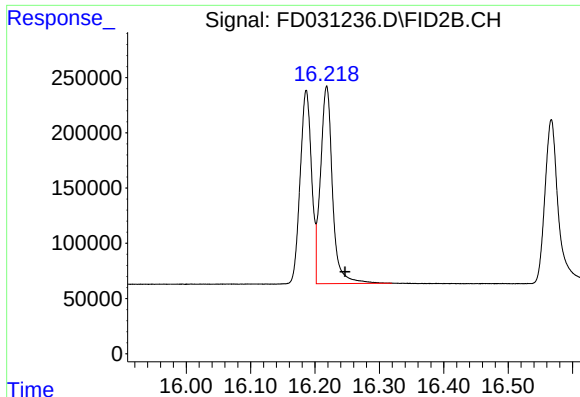
#15 Chrysene (C27.41)

R.T.: 14.680 min
Delta R.T.: -0.026 min
Response: 2320274
Conc: 21.11 ug/ml



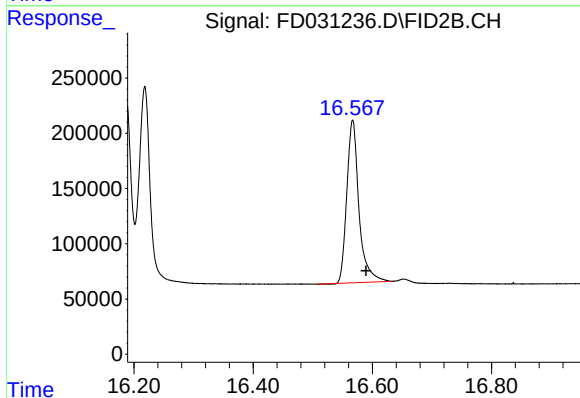
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.218 min
Delta R.T.: 0.009 min
Response: 2323784
Conc: 23.96 ug/ml



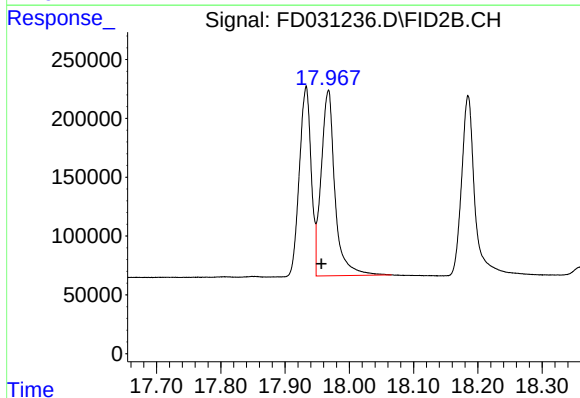
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.218 min
Delta R.T.: -0.029 min
Response: 2323784
Conc: 21.35 ug/ml



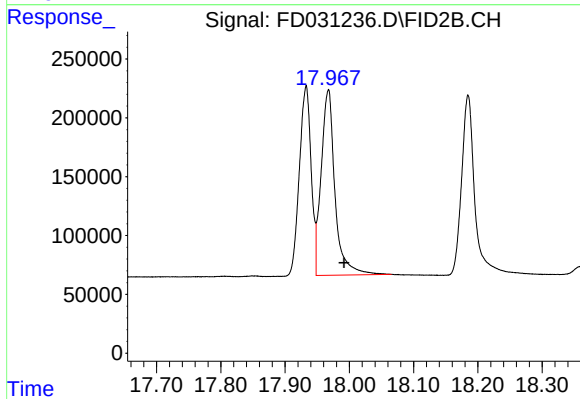
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min
Delta R.T.: -0.022 min
Response: 2078367
Conc: 21.18 ug/ml



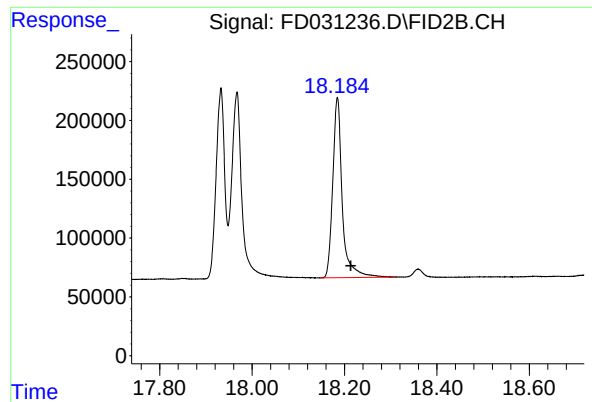
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.967 min
Delta R.T.: 0.011 min
Response: 2355375
Conc: 26.06 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.024 min
Response: 2355375
Conc: 22.94 ug/ml



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

R.T.: 18.185 min
Delta R.T.: -0.029 min
Response: 2194839
Conc: 23.03 ug/ml