

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103019AR\
 Data File : FD031284.D
 Signal(s) : FID2B.CH
 Acq On : 30 Oct 2019 13:42
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 30 14:16:51 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	1986083	20.778 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
6) S 2-Fluorobiphenyl (SURR)	8.399	1282206	20.208 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.42%
11) S ortho-Terphenyl (SURR)	11.424	2188272	19.966 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.345	2047658	20.642 ug/ml
2) T Naphthalene (C11.7)	5.878	2184794	21.578 ug/ml
3) T 2-Methylnaphthalene (...)	6.928	2154968	21.018 ug/ml
5) T Acenaphthylene (C15.06)	8.198	2085965	20.208 ug/ml
7) T Acenaphthene (C15.5)	8.492	2258723	20.692 ug/ml
8) T Fluorene (C16.55)	9.273	2105112	20.308 ug/ml
9) T Phenanthrene (C19.36)	10.665	2070764	19.822 ug/ml
10) T Anthracene (C19.43)	10.741	1751489	16.692 ug/ml
12) T Fluoranthene (C21.85)	12.472	2142086	20.164 ug/ml
13) T Pyrene (C20.8)	12.768	2071834	19.553 ug/ml
14) T Benzo[a]anthracene (C...	14.679	2212202	23.027 ug/ml
15) T Chrysene (C27.41)	14.679	2212202	20.122 ug/ml
16) T benzo[b]fluoranthene ...	16.218	2228442	22.973 ug/ml
17) T Bnezo[k]fluoranthene ...	16.218	2228442	20.473 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.567	1992834	20.308 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.967	2258821	24.991 ug/ml
20) T Dibenz[a,h]anthracene...	17.967	2258821	22.003 ug/ml
21) T Benzo[g,h,i]perylene ...	18.185	2080833	21.830 ug/ml

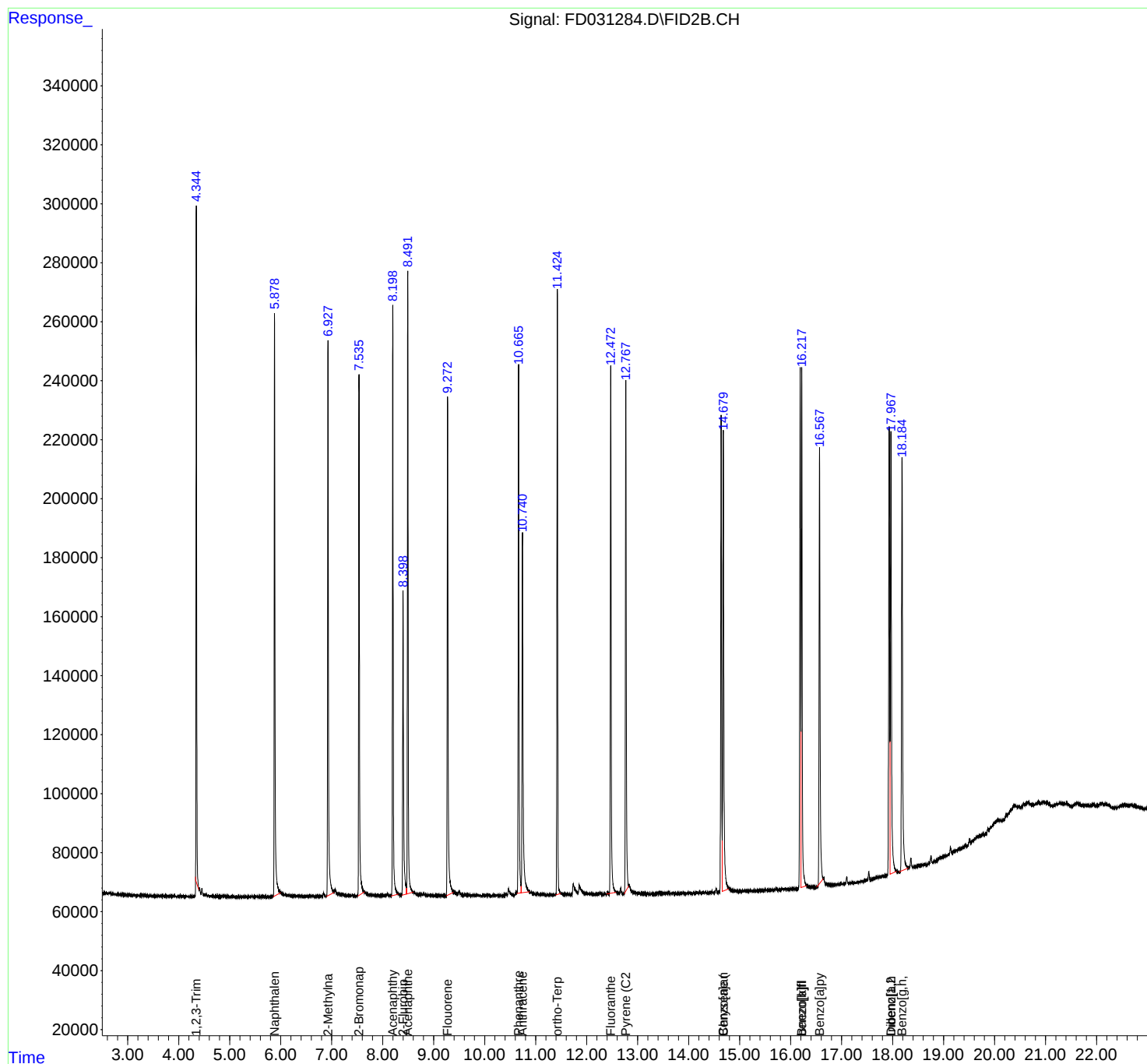
(f)=RT Delta > 1/2 Window

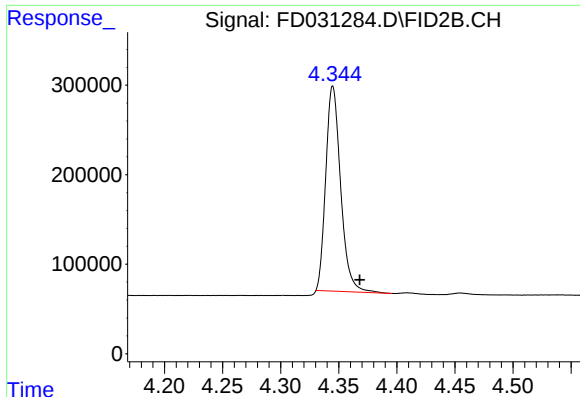
(m)=manual int.

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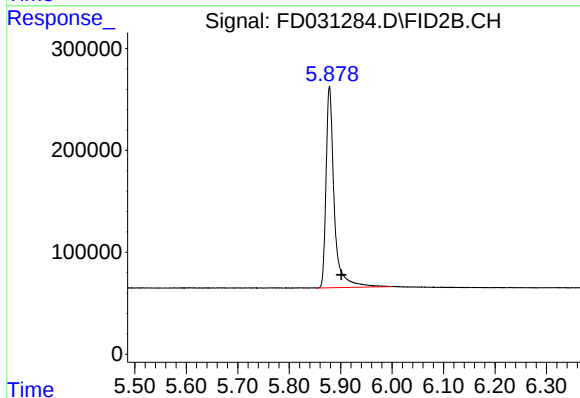
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





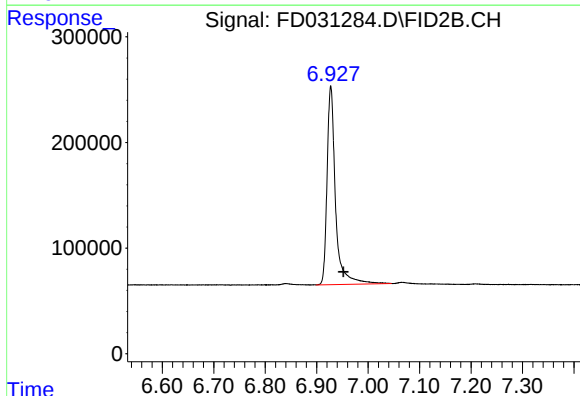
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.345 min
Delta R.T.: -0.023 min
Response: 2047658
Conc: 20.64 ug/ml



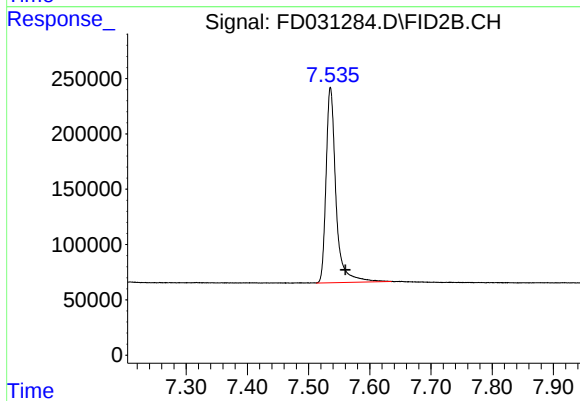
#2 Naphthalene (C11.7)

R.T.: 5.878 min
Delta R.T.: -0.024 min
Response: 2184794
Conc: 21.58 ug/ml



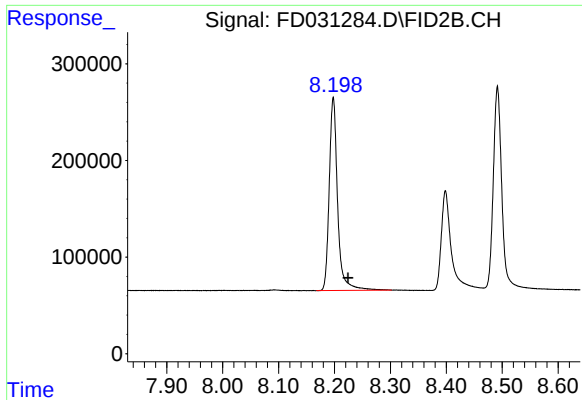
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.928 min
Delta R.T.: -0.024 min
Response: 2154968
Conc: 21.02 ug/ml



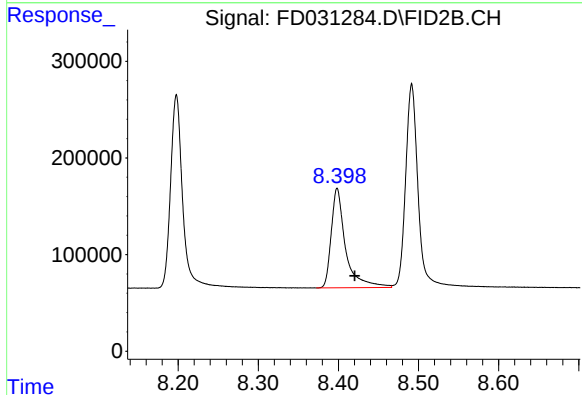
#4 2-Bromonaphthalene (SURR)

R.T.: 7.536 min
Delta R.T.: -0.024 min
Response: 1986083
Conc: 20.78 ug/ml



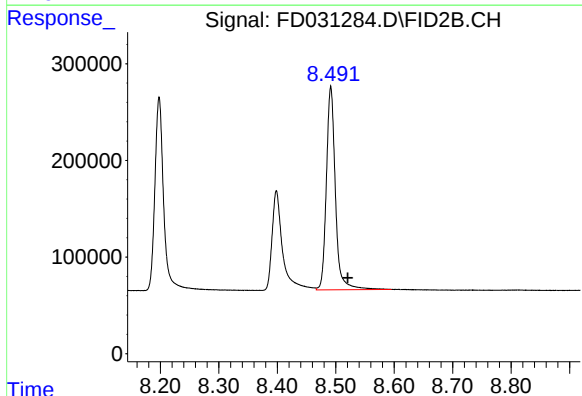
#5 Acenaphthylene (C15.06)

R.T.: 8.198 min
Delta R.T.: -0.026 min
Response: 2085965
Conc: 20.21 ug/ml



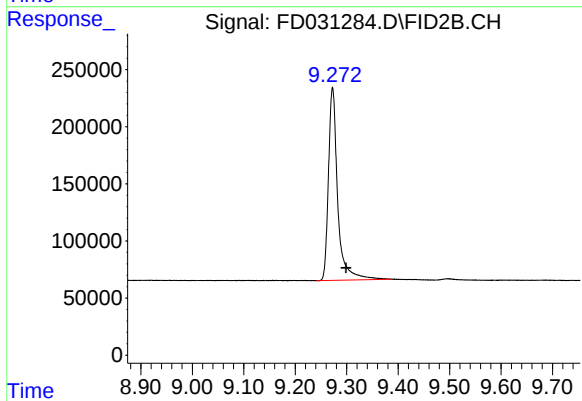
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.399 min
Delta R.T.: -0.022 min
Response: 1282206
Conc: 20.21 ug/ml



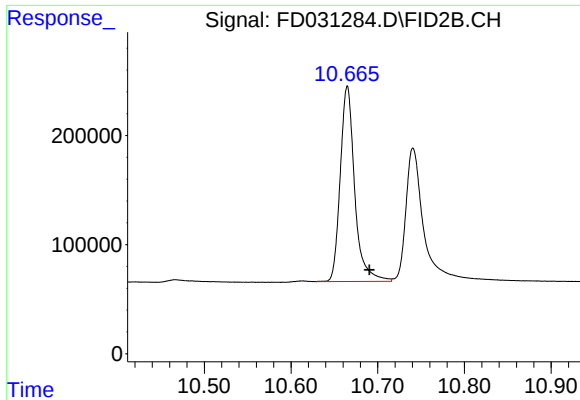
#7 Acenaphthene (C15.5)

R.T.: 8.492 min
Delta R.T.: -0.029 min
Response: 2258723
Conc: 20.69 ug/ml



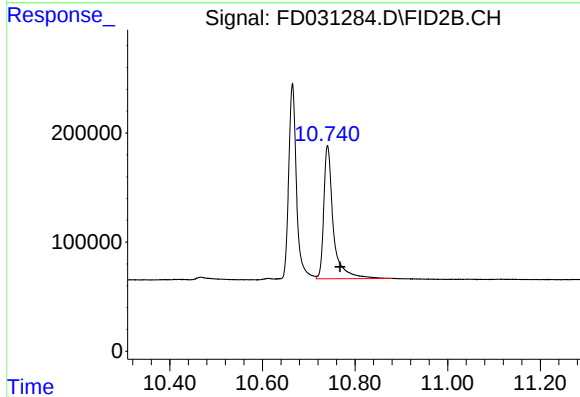
#8 Flouorene (C16.55)

R.T.: 9.273 min
Delta R.T.: -0.026 min
Response: 2105112
Conc: 20.31 ug/ml



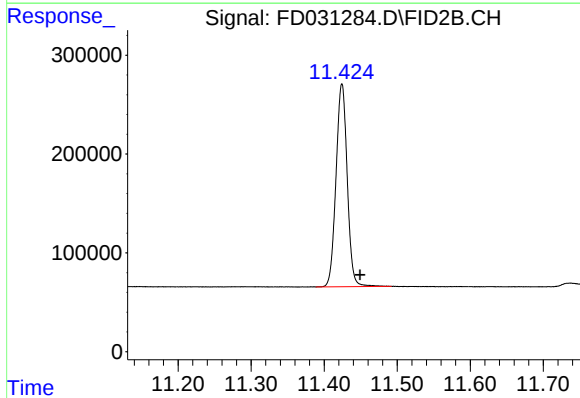
#9 Phenanthrene (C19.36)

R.T.: 10.665 min
Delta R.T.: -0.026 min
Response: 2070764
Conc: 19.82 ug/ml



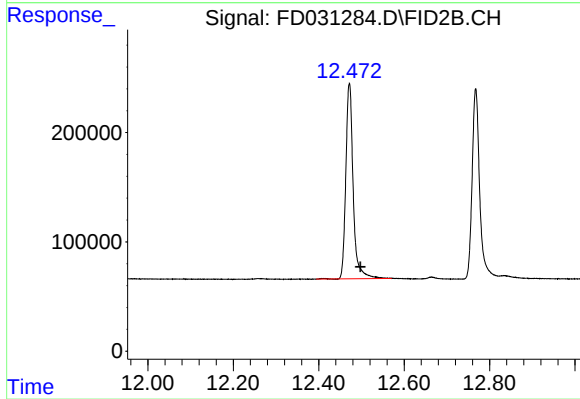
#10 Anthracene (C19.43)

R.T.: 10.741 min
Delta R.T.: -0.027 min
Response: 1751489
Conc: 16.69 ug/ml



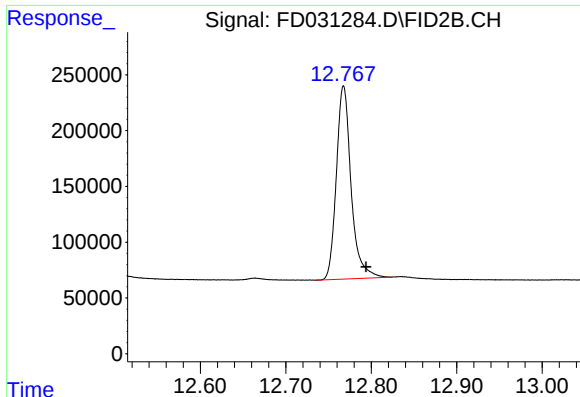
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.025 min
Response: 2188272
Conc: 19.97 ug/ml



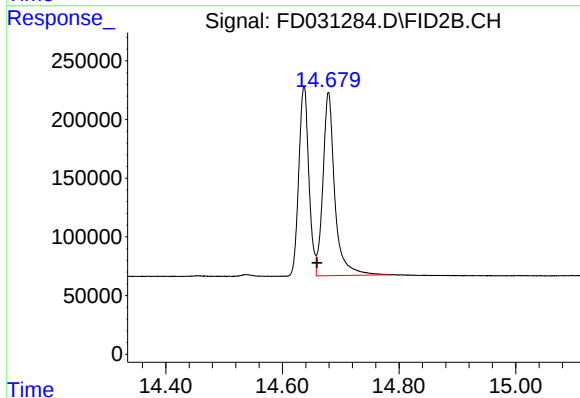
#12 Fluoranthene (C21.85)

R.T.: 12.472 min
Delta R.T.: -0.026 min
Response: 2142086
Conc: 20.16 ug/ml



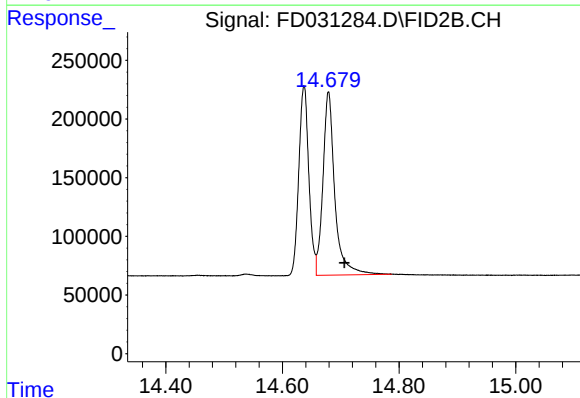
#13 Pyrene (C20.8)

R.T.: 12.768 min
Delta R.T.: -0.026 min
Response: 2071834
Conc: 19.55 ug/ml



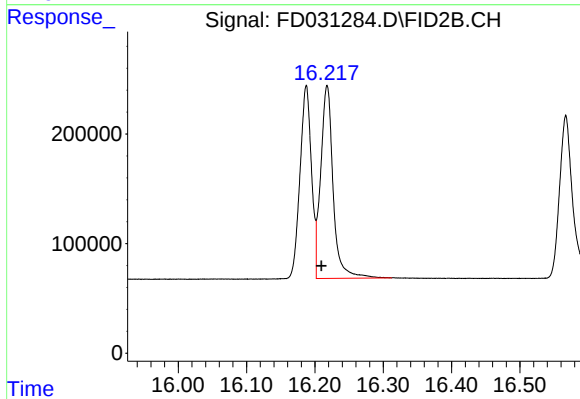
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.679 min
Delta R.T.: 0.020 min
Response: 2212202
Conc: 23.03 ug/ml



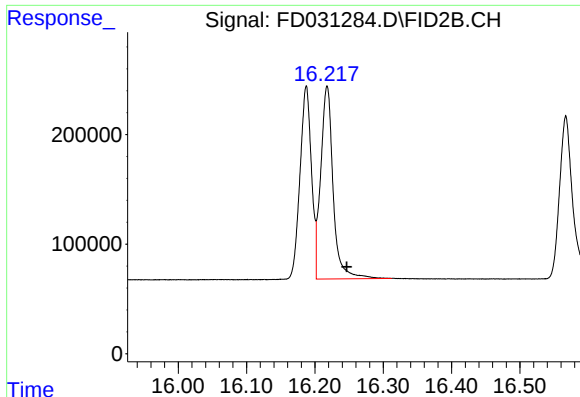
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: -0.027 min
Response: 2212202
Conc: 20.12 ug/ml



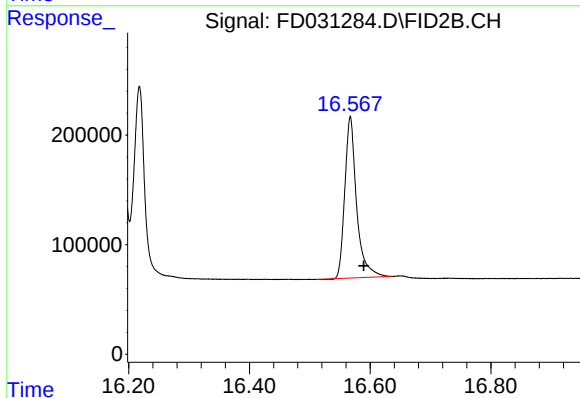
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.218 min
Delta R.T.: 0.008 min
Response: 2228442
Conc: 22.97 ug/ml



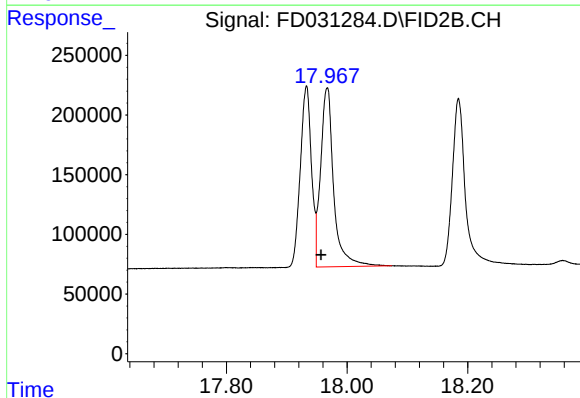
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.218 min
Delta R.T.: -0.029 min
Response: 2228442
Conc: 20.47 ug/ml



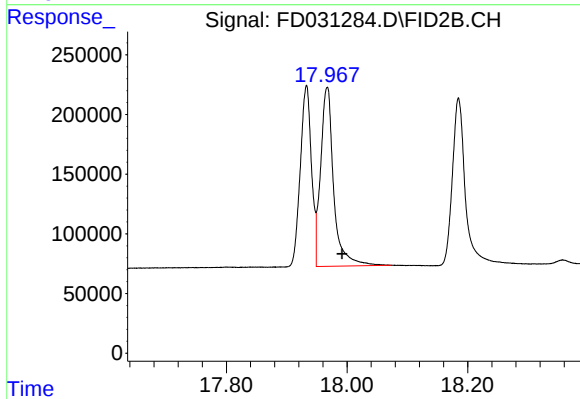
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min
Delta R.T.: -0.022 min
Response: 1992834
Conc: 20.31 ug/ml



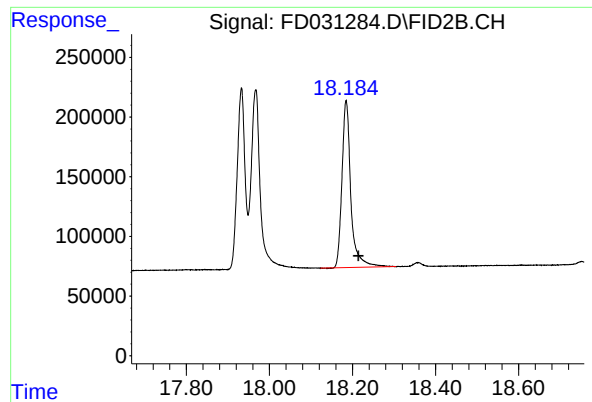
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.967 min
Delta R.T.: 0.010 min
Response: 2258821
Conc: 24.99 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.025 min
Response: 2258821
Conc: 22.00 ug/ml



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

R.T.: 18.185 min
Delta R.T.: -0.029 min
Response: 2080833
Conc: 21.83 ug/ml