

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103019AR\
 Data File : FD031280.D
 Signal(s) : FID2B.CH
 Acq On : 30 Oct 2019 9:29
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 30 12:58:19 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...	7.535	1935570	20.250 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
6) S 2-Fluorobiphenyl (SURR)	8.397	1239877	19.541 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.08%
11) S ortho-Terphenyl (SURR)	11.424	2103592	19.193 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.343	2128883	21.461 ug/mlm
2) T Naphthalene (C11.7)	5.877	2126590	21.004 ug/ml
3) T 2-Methylnaphthalene (...)	6.926	2097256	20.455 ug/ml
5) T Acenaphthylene (C15.06)	8.197	2011260	19.484 ug/ml
7) T Acenaphthene (C15.5)	8.491	2166817	19.851 ug/ml
8) T Flouorene (C16.55)	9.272	2033487	19.617 ug/ml
9) T Phenanthrene (C19.36)	10.664	1991436	19.063 ug/ml
10) T Anthracene (C19.43)	10.741	1664875	15.867 ug/ml
12) T Fluoranthene (C21.85)	12.471	2057653	19.370 ug/ml
13) T Pyrene (C20.8)	12.768	1978624	18.673 ug/ml
14) T Benzo[a]anthracene (C...	14.636	1842006	19.173 ug/mlm
15) T Chrysene (C27.41)	14.679	2120423	19.288 ug/ml
16) T benzo[b]fluoranthene ...	16.185	1957381	20.179 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.217	2150674	19.758 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.565	2016429	20.548 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.931	1848302	20.449 ug/mlm
20) T Dibenz[a,h]anthracene...	17.966	2168977	21.128 ug/ml
21) T Benzo[g,h,i]perylene ...	18.184	1988640	20.862 ug/ml

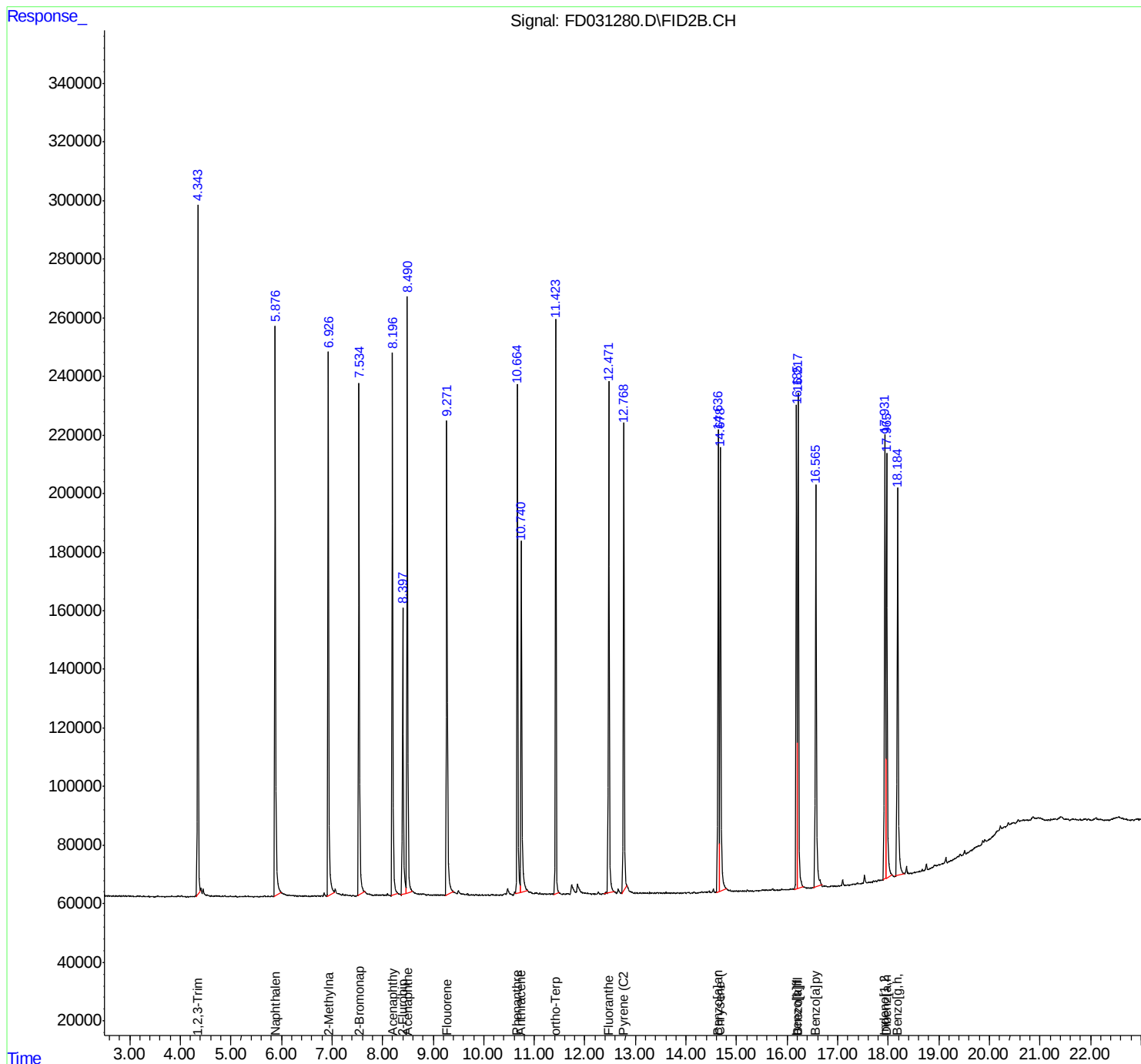
(f)=RT Delta > 1/2 Window

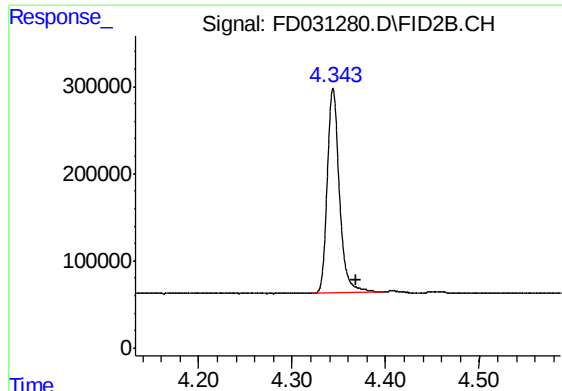
(m)=manual int.

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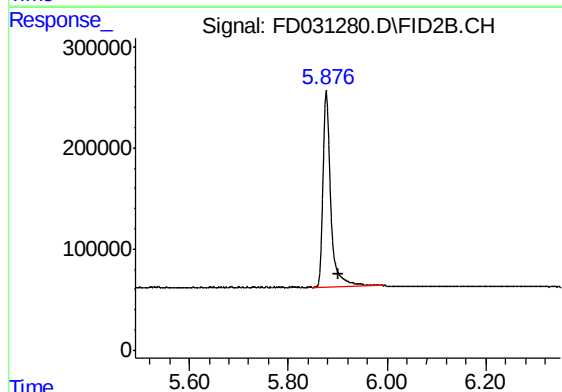
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





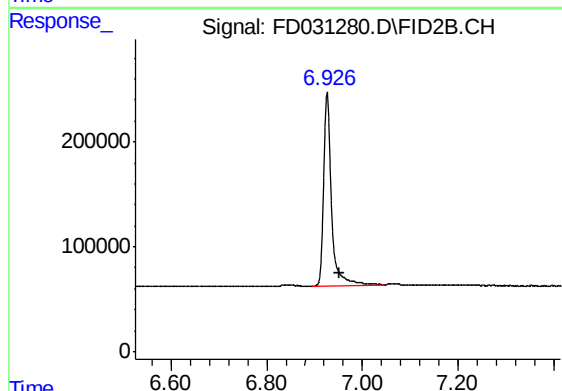
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.343 min
Delta R.T.: -0.025 min
Response: 2128883
Conc: 21.46 ug/ml m



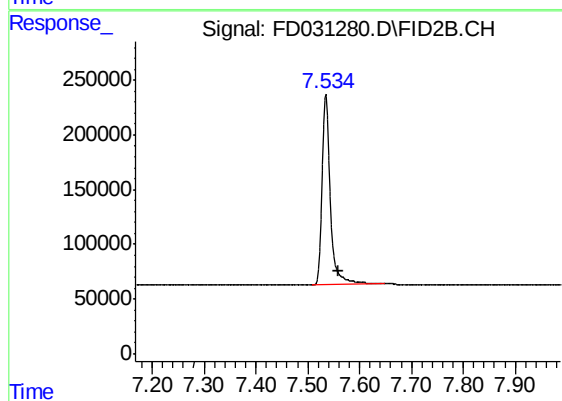
#2 Naphthalene (C11.7)

R.T.: 5.877 min
Delta R.T.: -0.025 min
Response: 2126590
Conc: 21.00 ug/ml



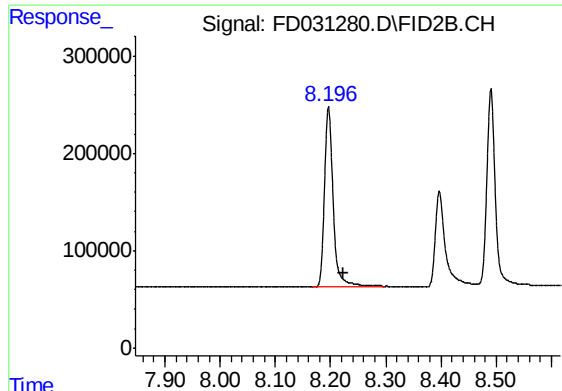
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.926 min
Delta R.T.: -0.025 min
Response: 2097256
Conc: 20.45 ug/ml



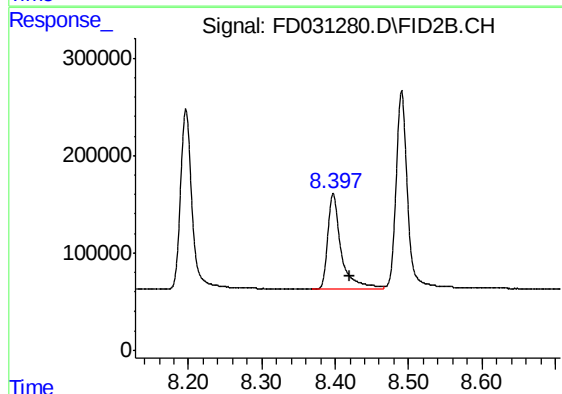
#4 2-Bromonaphthalene (SURR)

R.T.: 7.535 min
Delta R.T.: -0.025 min
Response: 1935570
Conc: 20.25 ug/ml



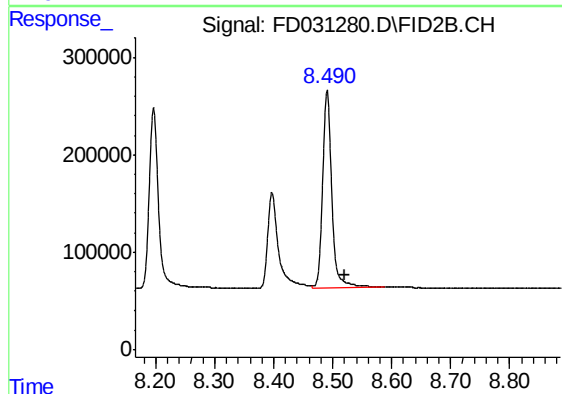
#5 Acenaphthylene (C15.06)

R.T.: 8.197 min
Delta R.T.: -0.028 min
Response: 2011260
Conc: 19.48 ug/ml



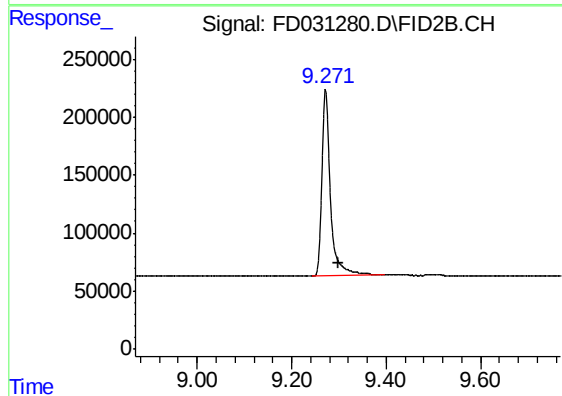
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.397 min
Delta R.T.: -0.023 min
Response: 1239877
Conc: 19.54 ug/ml



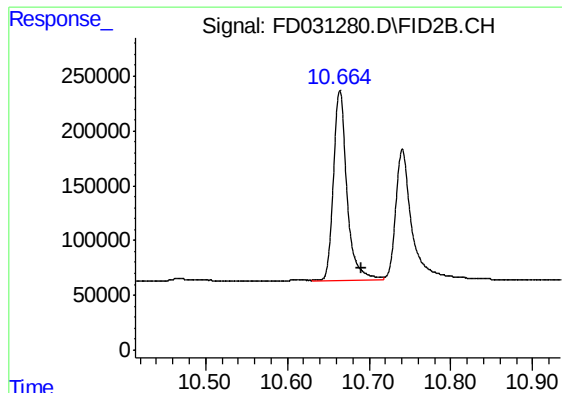
#7 Acenaphthene (C15.5)

R.T.: 8.491 min
Delta R.T.: -0.030 min
Response: 2166817
Conc: 19.85 ug/ml



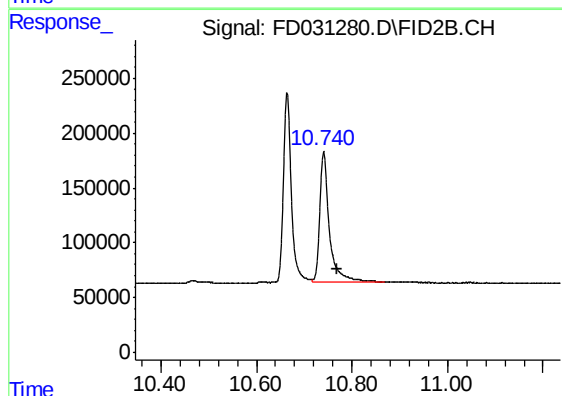
#8 Flouorene (C16.55)

R.T.: 9.272 min
Delta R.T.: -0.027 min
Response: 2033487
Conc: 19.62 ug/ml



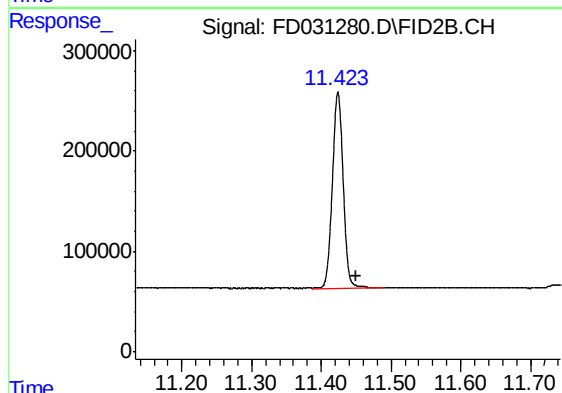
#9 Phenanthrene (C19.36)

R.T.: 10.664 min
Delta R.T.: -0.026 min
Response: 1991436
Conc: 19.06 ug/ml



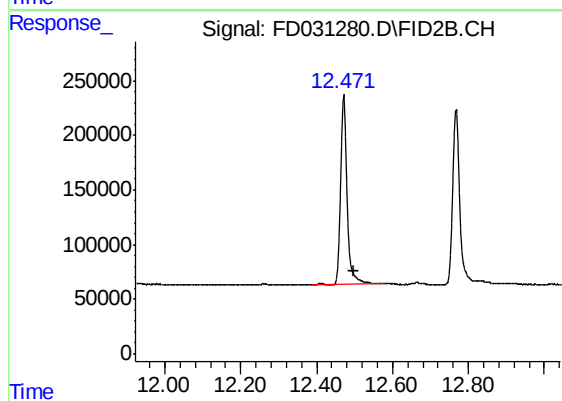
#10 Anthracene (C19.43)

R.T.: 10.741 min
Delta R.T.: -0.027 min
Response: 1664875
Conc: 15.87 ug/ml



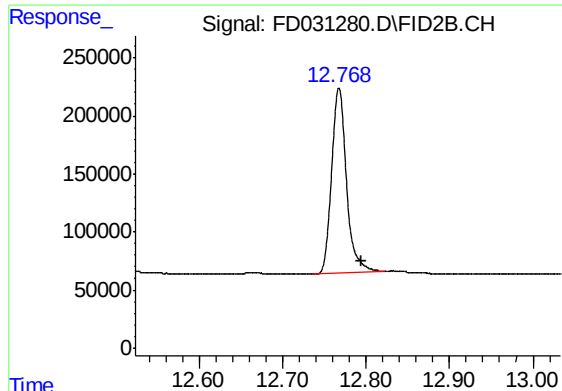
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.025 min
Response: 2103592
Conc: 19.19 ug/ml



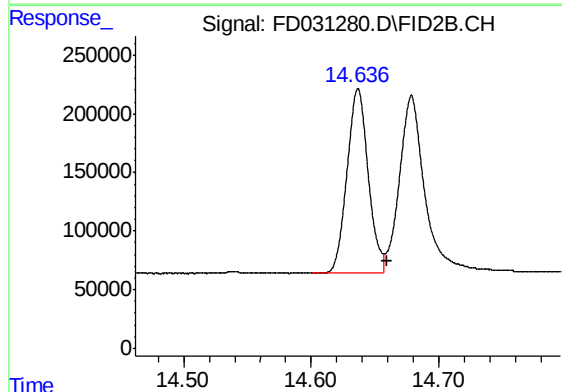
#12 Fluoranthene (C21.85)

R.T.: 12.471 min
Delta R.T.: -0.026 min
Response: 2057653
Conc: 19.37 ug/ml



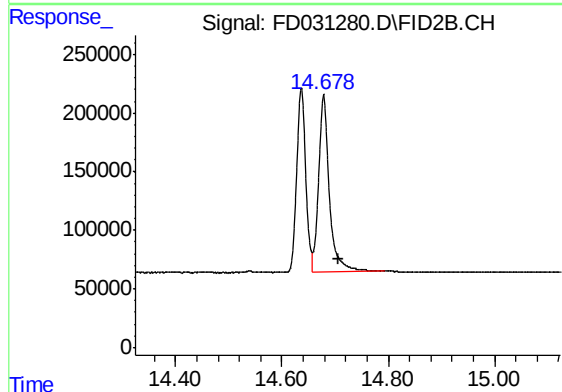
#13 Pyrene (C20.8)

R.T.: 12.768 min
Delta R.T.: -0.026 min
Response: 1978624
Conc: 18.67 ug/ml



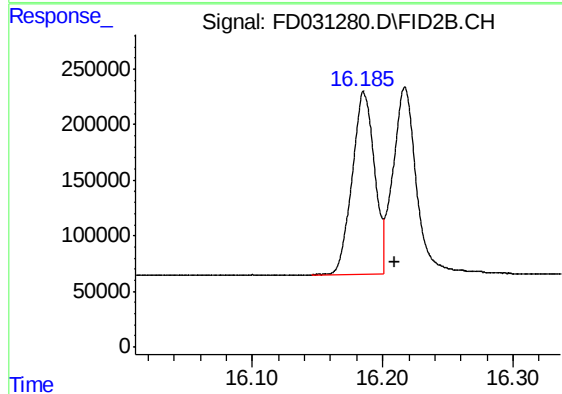
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.636 min
Delta R.T.: -0.023 min
Response: 1842006
Conc: 19.17 ug/ml m



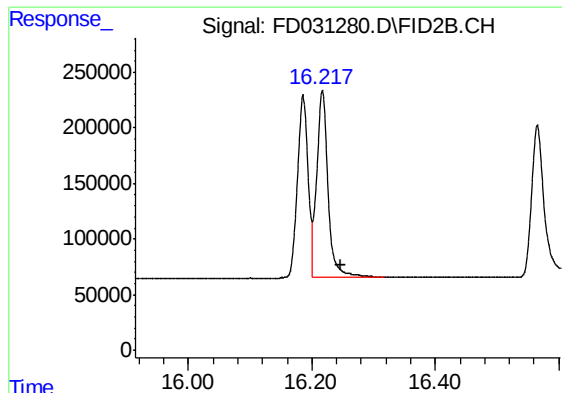
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: -0.028 min
Response: 2120423
Conc: 19.29 ug/ml



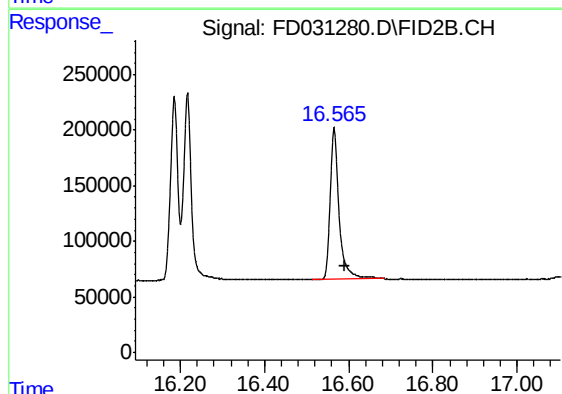
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.185 min
Delta R.T.: -0.025 min
Response: 1957381
Conc: 20.18 ug/ml m



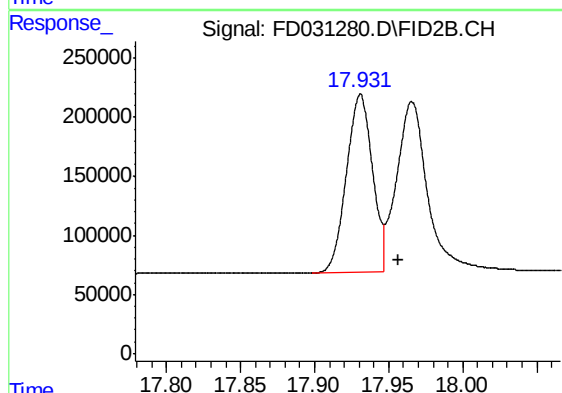
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.217 min
Delta R.T.: -0.030 min
Response: 2150674
Conc: 19.76 ug/ml



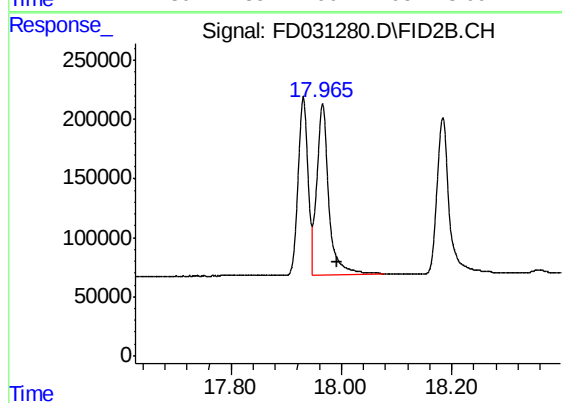
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.565 min
Delta R.T.: -0.024 min
Response: 2016429
Conc: 20.55 ug/ml



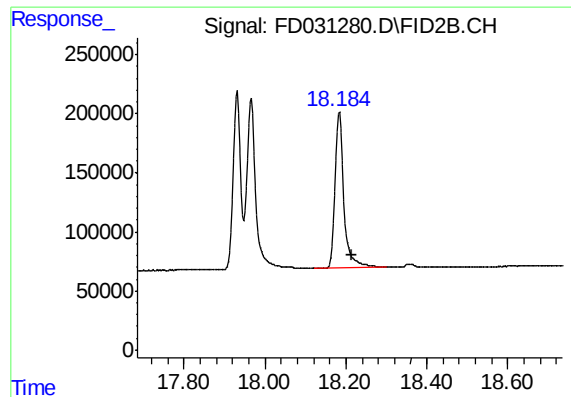
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.931 min
Delta R.T.: -0.026 min
Response: 1848302
Conc: 20.45 ug/ml m



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

R.T.: 17.966 min
Delta R.T.: -0.026 min
Response: 2168977
Conc: 21.13 ug/ml



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

R.T.: 18.184 min
Delta R.T.: -0.030 min
Response: 1988640
Conc: 20.86 ug/ml