

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112720AR\
 Data File : FD035702.D
 Signal(s) : FID2B.CH
 Acq On : 27 Nov 2020 23:23
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 28 02:09:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 28 00:16:46 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...	7.615	2559909	20.087 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
6) S 2-Fluorobiphenyl (SURR)	8.482	1738249	20.048 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.10%
11) S ortho-Terphenyl (SURR)	11.517	2947738	19.918 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.414	2895133	19.992 ug/ml
2) T Naphthalene (C11.7)	5.954	3008279	20.002 ug/ml
3) T 2-Methylnaphthalene (...)	7.007	3004884	19.914 ug/ml
5) T Acenaphthylene (C15.06)	8.283	2903536	19.837 ug/ml
7) T Acenaphthene (C15.5)	8.578	3027450	19.997 ug/ml
8) T Flouorene (C16.55)	9.360	2874009	20.023 ug/ml
9) T Phenanthrene (C19.36)	10.759	2850584	20.046 ug/ml
10) T Anthracene (C19.43)	10.835	2867595	20.044 ug/ml
12) T Fluoranthene (C21.85)	12.572	2785169	19.976 ug/ml
13) T Pyrene (C20.8)	12.870	2649567	19.564 ug/ml
14) T Benzo[a]anthracene (C...	14.744	2361666	20.308 ug/ml
15) T Chrysene (C27.41)	14.786	2568258	20.091 ug/ml
16) T benzo[b]fluoranthene ...	16.297	2204965	20.384 ug/ml
17) T Bnezo[k]fluoranthene ...	16.328	2237046	20.160 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.678	2009972	20.383 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.048	1920481	19.854 ug/ml
20) T Dibenz[a,h]anthracene...	18.081	2109600	20.449 ug/ml
21) T Benzo[g,h,i]perylene ...	18.301	2014704	20.346 ug/ml

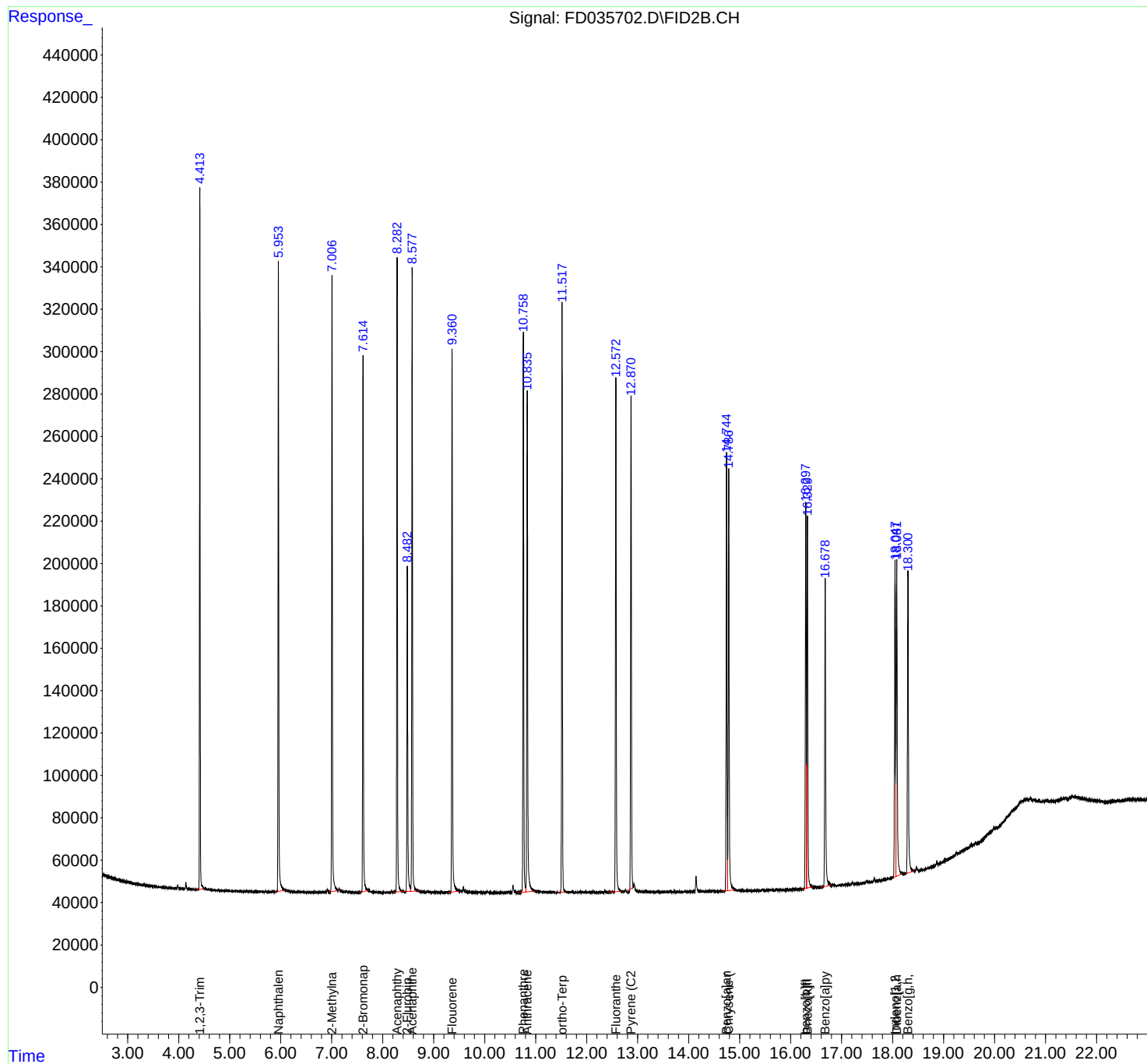
(f)=RT Delta > 1/2 Window

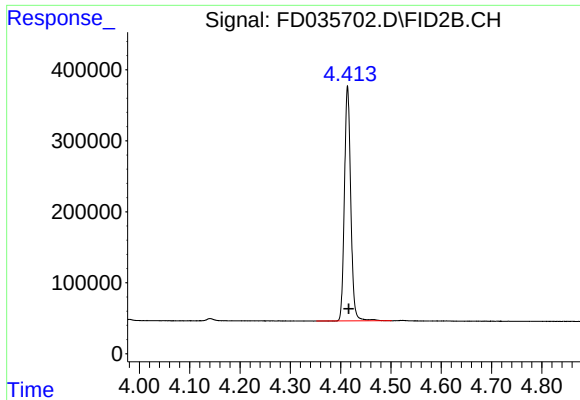
(m)=manual int.

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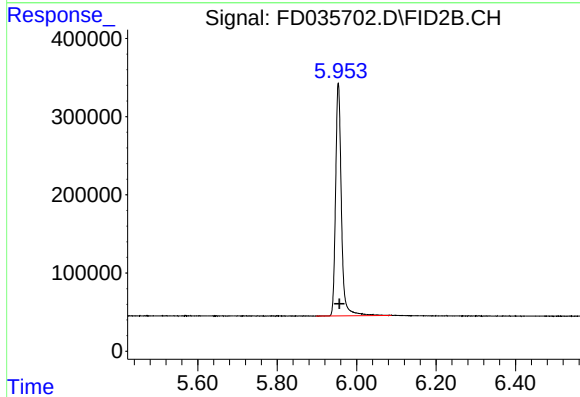
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Signal Info : 20M x 0.18mm x 0.18µm





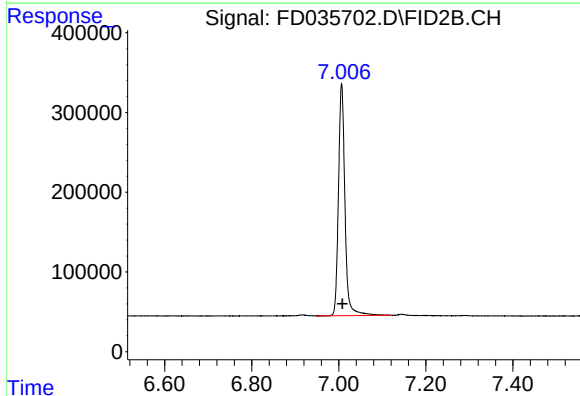
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.414 min
Delta R.T.: -0.002 min
Response: 2895133
Conc: 19.99 ug/ml



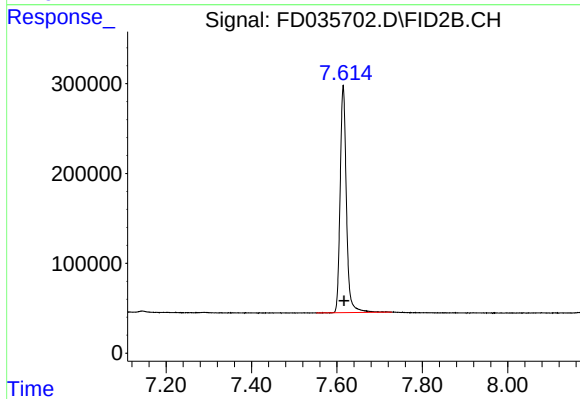
#2 Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: -0.002 min
Response: 3008279
Conc: 20.00 ug/ml



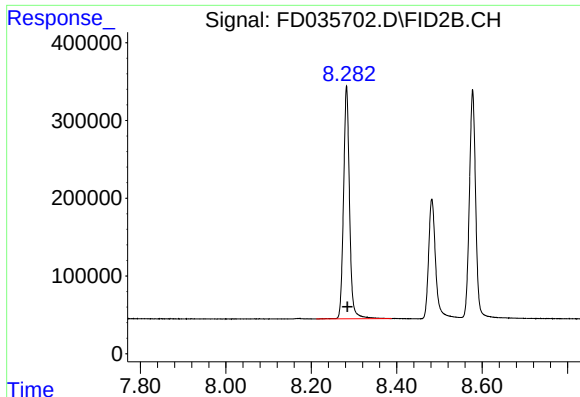
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: -0.002 min
Response: 3004884
Conc: 19.91 ug/ml



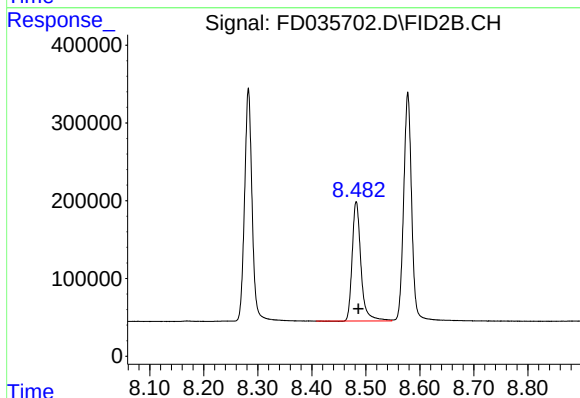
#4 2-Bromonaphthalene (SURR)

R.T.: 7.615 min
Delta R.T.: -0.002 min
Response: 2559909
Conc: 20.09 ug/ml



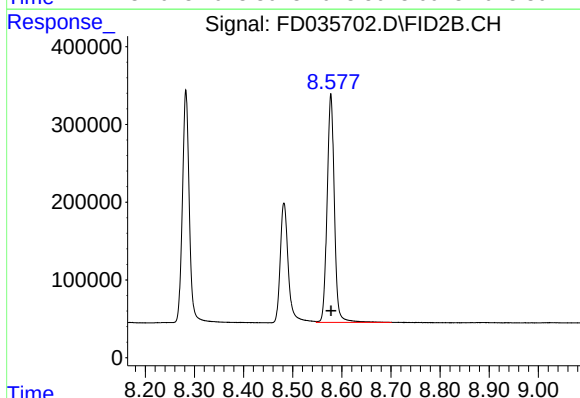
#5 Acenaphthylene (C15.06)

R.T.: 8.283 min
Delta R.T.: -0.002 min
Response: 2903536
Conc: 19.84 ug/ml



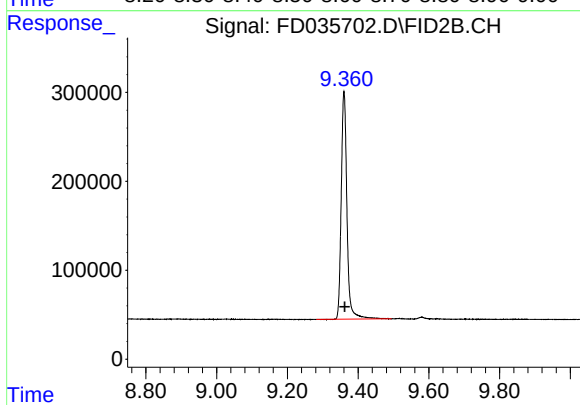
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.482 min
Delta R.T.: -0.004 min
Response: 1738249
Conc: 20.05 ug/ml



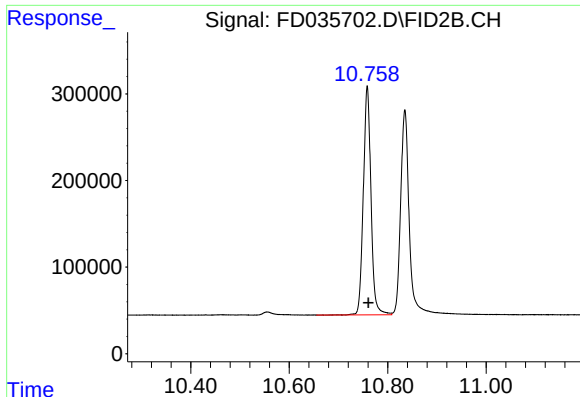
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 3027450
Conc: 20.00 ug/ml



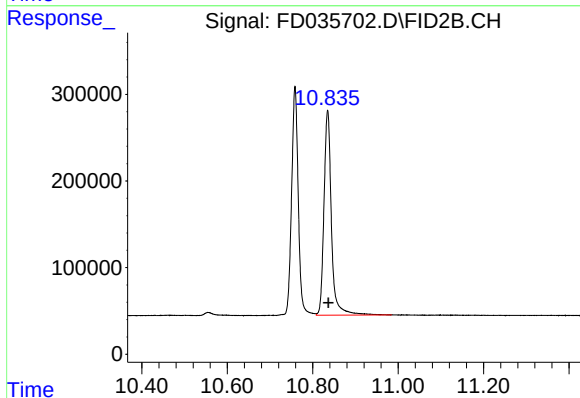
#8 Fluorene (C16.55)

R.T.: 9.360 min
Delta R.T.: -0.002 min
Response: 2874009
Conc: 20.02 ug/ml



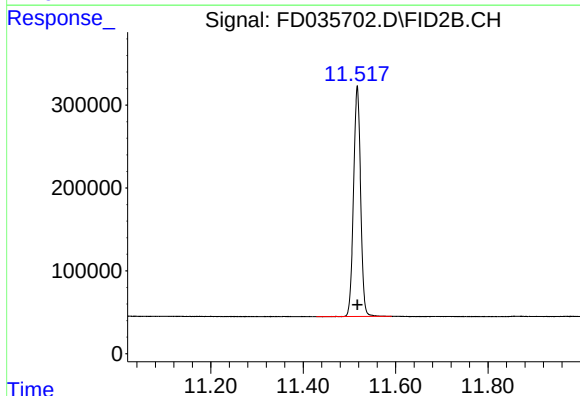
#9 Phenanthrene (C19.36)

R.T.: 10.759 min
Delta R.T.: -0.002 min
Response: 2850584
Conc: 20.05 ug/ml



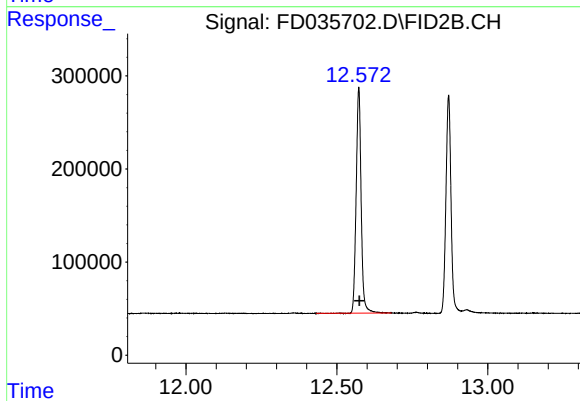
#10 Anthracene (C19.43)

R.T.: 10.835 min
Delta R.T.: -0.002 min
Response: 2867595
Conc: 20.04 ug/ml



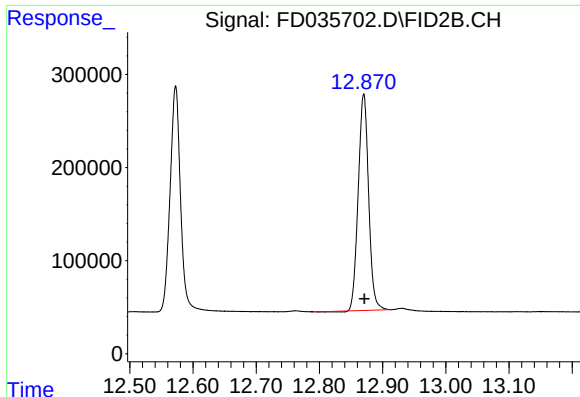
#11 ortho-Terphenyl (SURR)

R.T.: 11.517 min
Delta R.T.: 0.000 min
Response: 2947738
Conc: 19.92 ug/ml



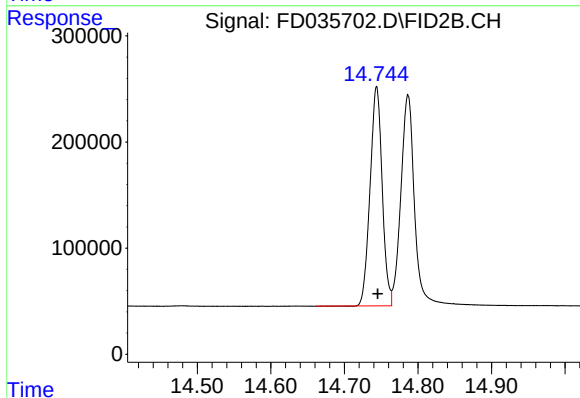
#12 Fluoranthene (C21.85)

R.T.: 12.572 min
Delta R.T.: -0.002 min
Response: 2785169
Conc: 19.98 ug/ml



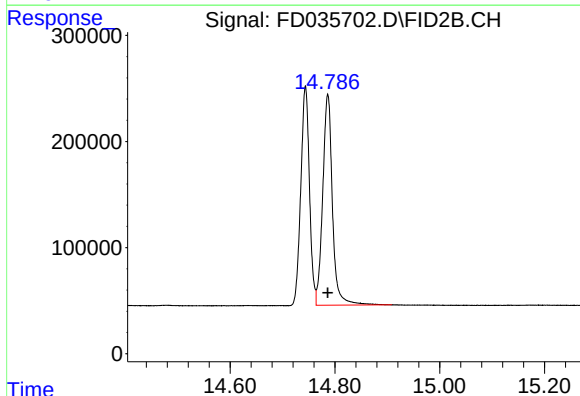
#13 Pyrene (C20.8)

R.T.: 12.870 min
Delta R.T.: 0.000 min
Response: 2649567
Conc: 19.56 ug/ml



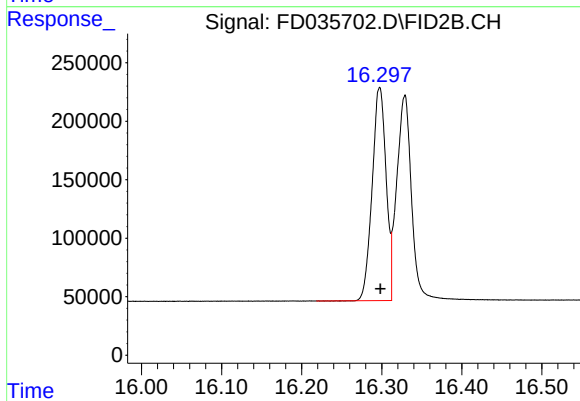
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: -0.002 min
Response: 2361666
Conc: 20.31 ug/ml



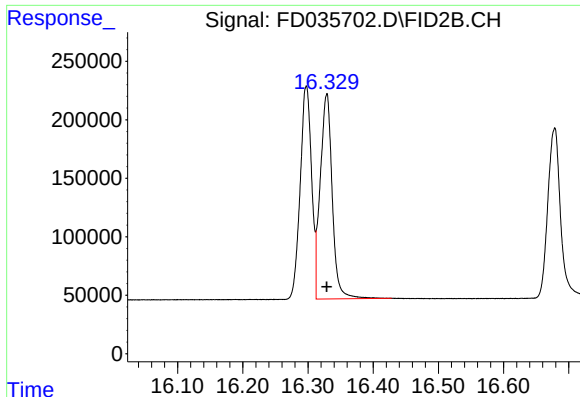
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: 0.000 min
Response: 2568258
Conc: 20.09 ug/ml



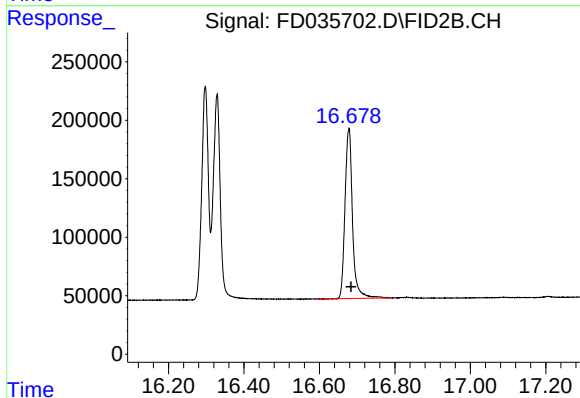
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.297 min
Delta R.T.: 0.000 min
Response: 2204965
Conc: 20.38 ug/ml



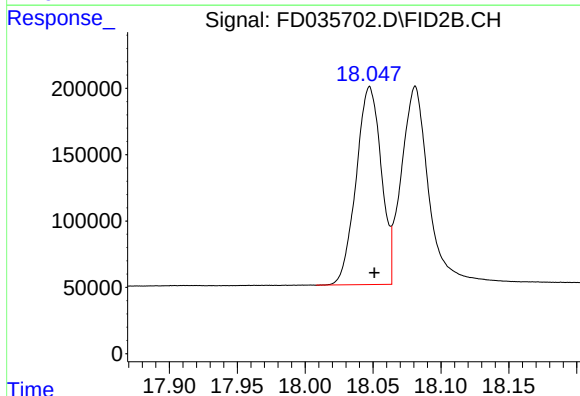
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.328 min
Delta R.T.: 0.000 min
Response: 2237046
Conc: 20.16 ug/ml



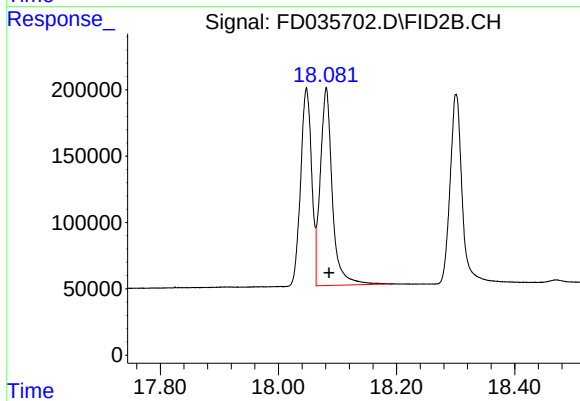
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.678 min
Delta R.T.: -0.006 min
Response: 2009972
Conc: 20.38 ug/ml



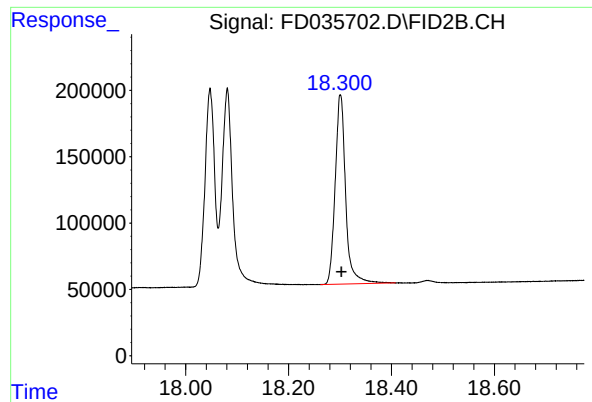
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.048 min
Delta R.T.: -0.003 min
Response: 1920481
Conc: 19.85 ug/ml



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

R.T.: 18.081 min
Delta R.T.: -0.005 min
Response: 2109600
Conc: 20.45 ug/ml



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

R.T.: 18.301 min
Delta R.T.: -0.002 min
Response: 2014704
Conc: 20.35 ug/ml