

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010621AR\
 Data File : FD035905.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jan 2021 13:49
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 07 02:58:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 09:21:33 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...	7.580	2149532	19.697 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
6) S 2-Fluorobiphenyl (SURR)	8.447	1345394	19.379 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.76%
11) S ortho-Terphenyl (SURR)	11.477	2489064	19.257 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.381	2480773	19.911 ug/ml
2) T Naphthalene (C11.7)	5.920	2505255	19.823 ug/ml
3) T 2-Methylnaphthalene (...)	6.971	2438785	19.281 ug/ml
5) T Acenaphthylene (C15.06)	8.245	2405074	19.012 ug/ml
7) T Acenaphthene (C15.5)	8.539	2637312	19.444 ug/ml
8) T Fluorene (C16.55)	9.322	2391683	19.474 ug/ml
9) T Phenanthrene (C19.36)	10.719	2313107	18.966 ug/ml
10) T Anthracene (C19.43)	10.796	2125264	16.982 ug/ml
12) T Fluoranthene (C21.85)	12.532	2308230	18.940 ug/ml
13) T Pyrene (C20.8)	12.829	2268652	18.542 ug/ml
14) T Benzo[a]anthracene (C...	14.705	1902062	19.345 ug/ml
15) T Chrysene (C27.41)	14.746	2254736	18.401 ug/ml
16) T benzo[b]fluoranthene ...	16.290	2193943	23.037 ug/ml
17) T Bnezo[k]fluoranthene ...	16.290	2193943	19.919 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.642	1901435	20.885 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.014	4186262	51.700 ug/ml
20) T Dibenz[a,h]anthracene...	18.014f	4186262	39.178 ug/ml
21) T Benzo[g,h,i]perylene ...	18.265	2094358	22.653 ug/ml

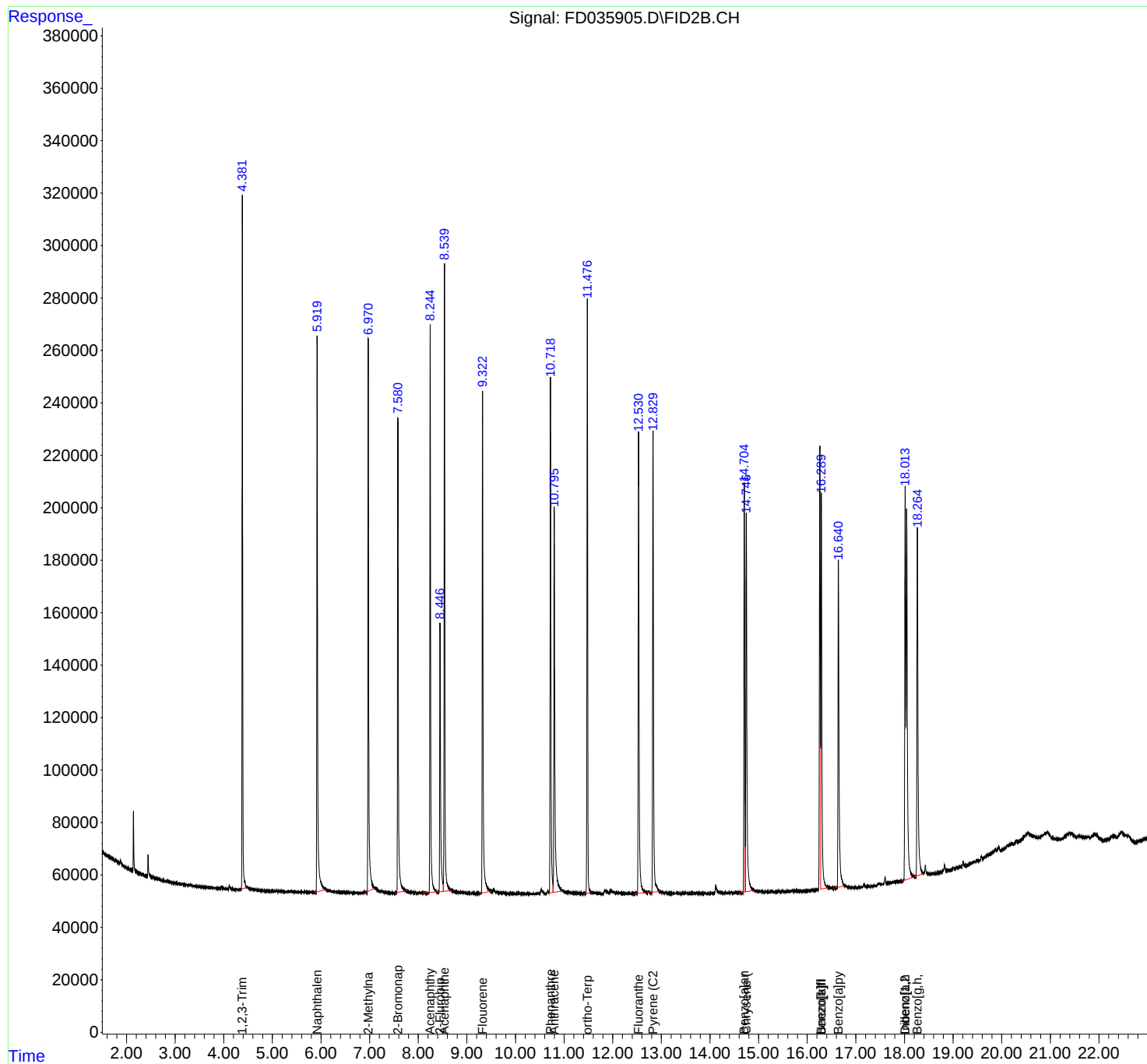
(f)=RT Delta > 1/2 Window

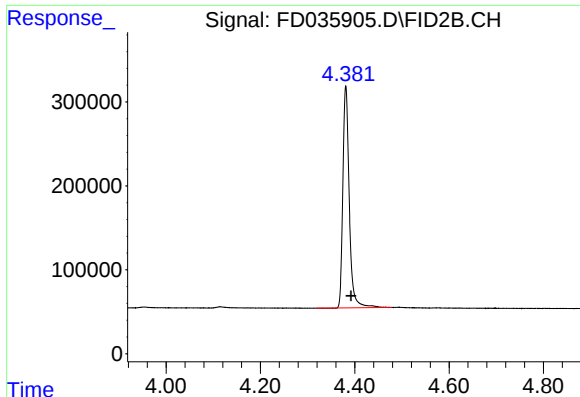
(m)=manual int.

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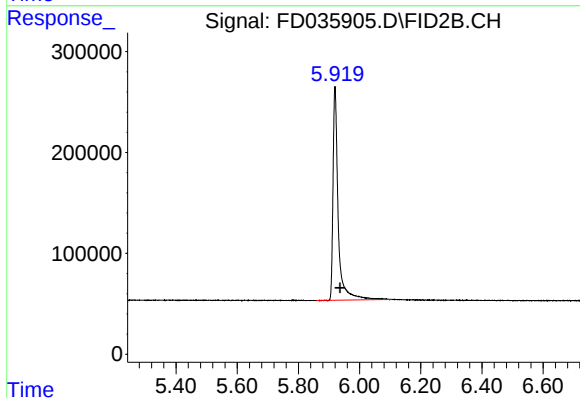
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





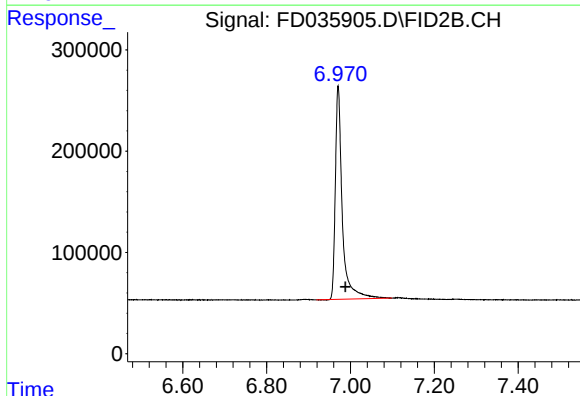
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.381 min
Delta R.T.: -0.011 min
Response: 2480773
Conc: 19.91 ug/ml



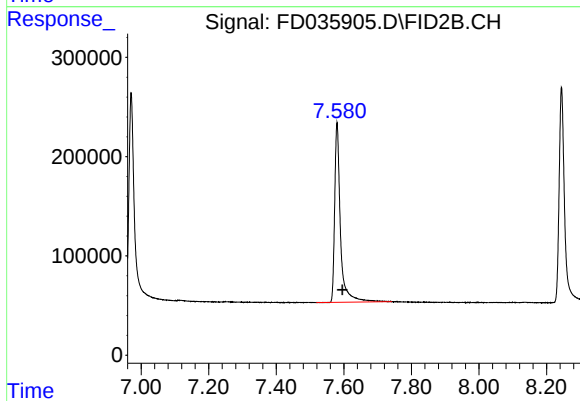
#2 Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.016 min
Response: 2505255
Conc: 19.82 ug/ml



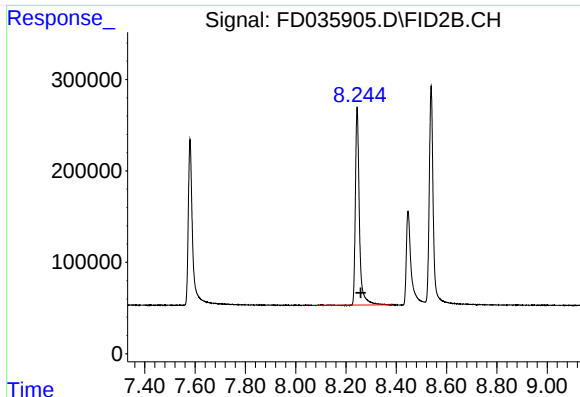
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: -0.017 min
Response: 2438785
Conc: 19.28 ug/ml



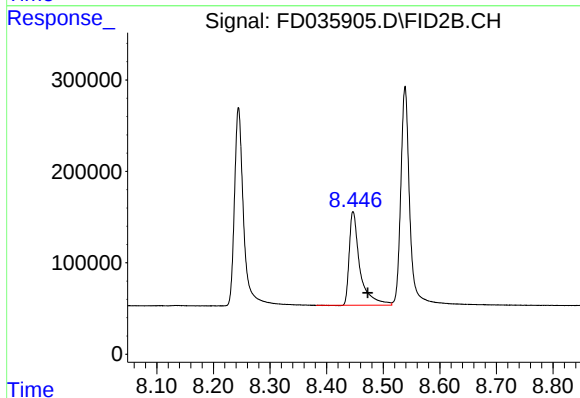
#4 2-Bromonaphthalene (SURR)

R.T.: 7.580 min
Delta R.T.: -0.016 min
Response: 2149532
Conc: 19.70 ug/ml



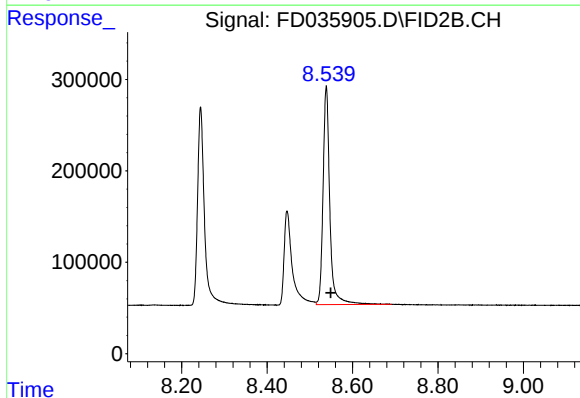
#5 Acenaphthylene (C15.06)

R.T.: 8.245 min
Delta R.T.: -0.013 min
Response: 2405074
Conc: 19.01 ug/ml



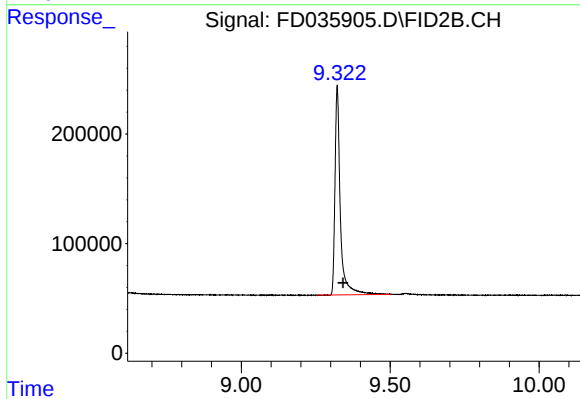
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min
Delta R.T.: -0.026 min
Response: 1345394
Conc: 19.38 ug/ml



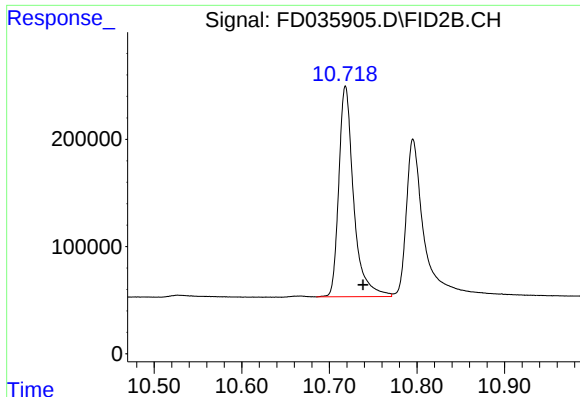
#7 Acenaphthene (C15.5)

R.T.: 8.539 min
Delta R.T.: -0.011 min
Response: 2637312
Conc: 19.44 ug/ml



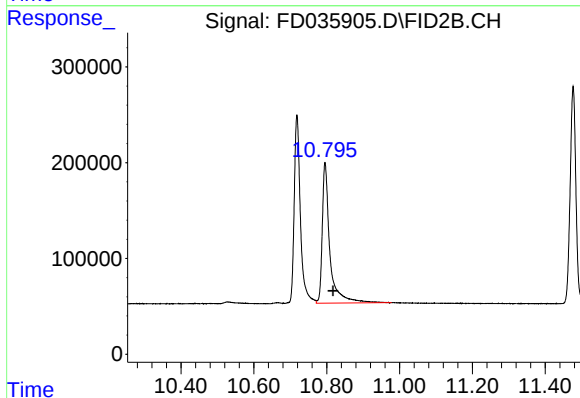
#8 Flouorene (C16.55)

R.T.: 9.322 min
Delta R.T.: -0.020 min
Response: 2391683
Conc: 19.47 ug/ml



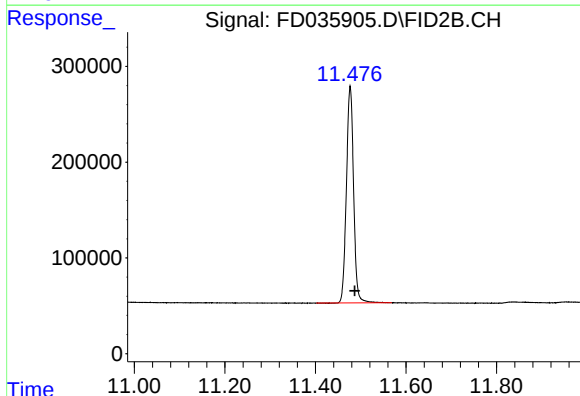
#9 Phenanthrene (C19.36)

R.T.: 10.719 min
Delta R.T.: -0.020 min
Response: 2313107
Conc: 18.97 ug/ml



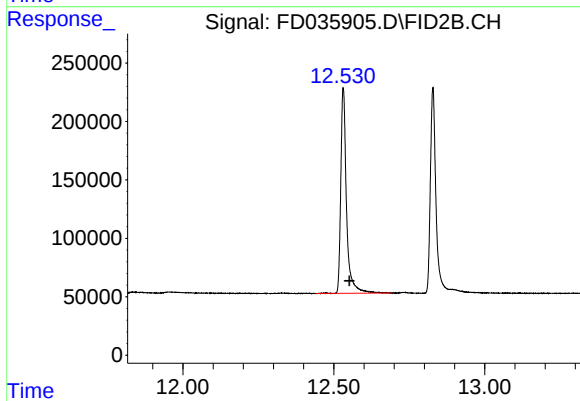
#10 Anthracene (C19.43)

R.T.: 10.796 min
Delta R.T.: -0.022 min
Response: 2125264
Conc: 16.98 ug/ml



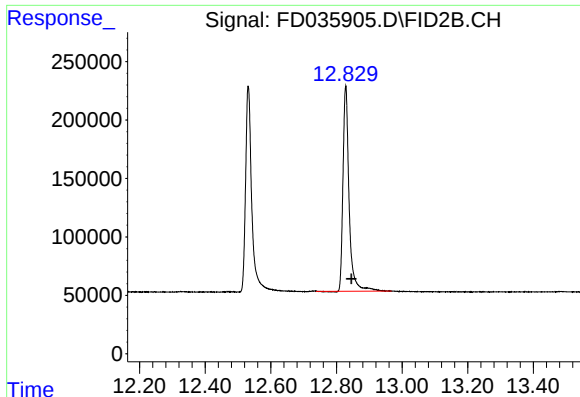
#11 ortho-Terphenyl (SURR)

R.T.: 11.477 min
Delta R.T.: -0.010 min
Response: 2489064
Conc: 19.26 ug/ml



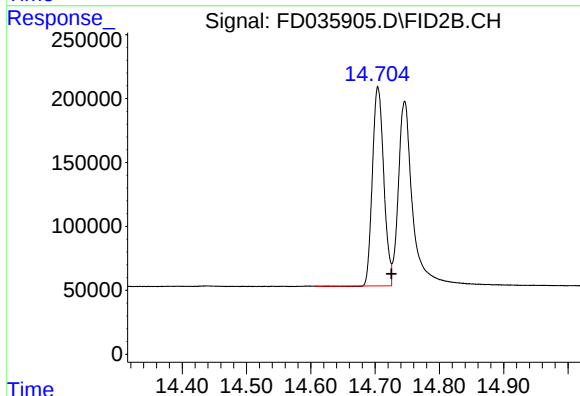
#12 Fluoranthene (C21.85)

R.T.: 12.532 min
Delta R.T.: -0.020 min
Response: 2308230
Conc: 18.94 ug/ml



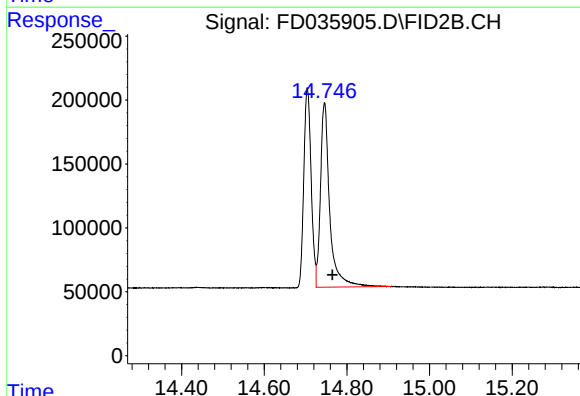
#13 Pyrene (C20.8)

R.T.: 12.829 min
Delta R.T.: -0.017 min
Response: 2268652
Conc: 18.54 ug/ml



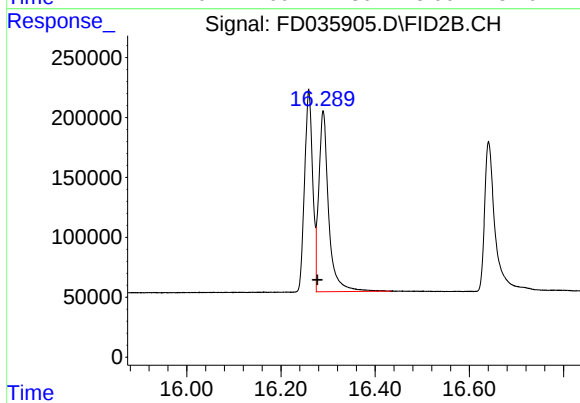
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.705 min
Delta R.T.: -0.020 min
Response: 1902062
Conc: 19.35 ug/ml



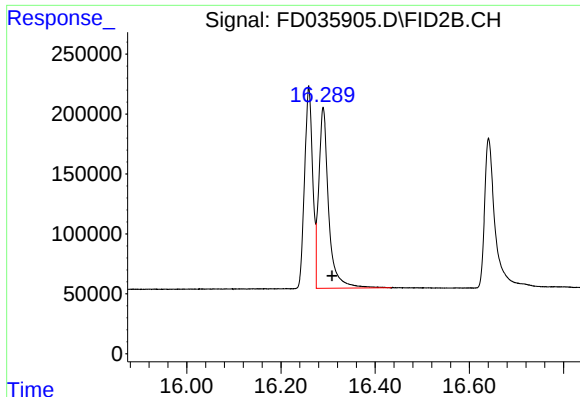
#15 Chrysene (C27.41)

R.T.: 14.746 min
Delta R.T.: -0.019 min
Response: 2254736
Conc: 18.40 ug/ml



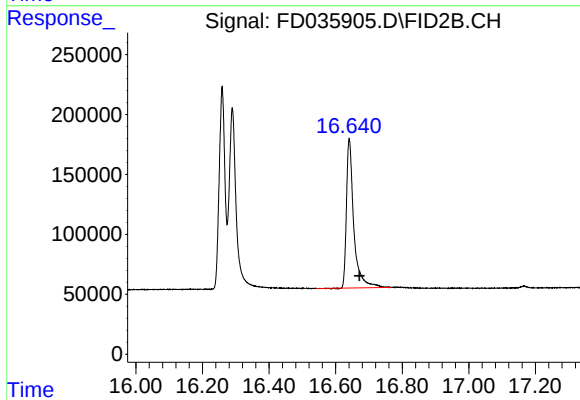
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.290 min
Delta R.T.: 0.012 min
Response: 2193943
Conc: 23.04 ug/ml



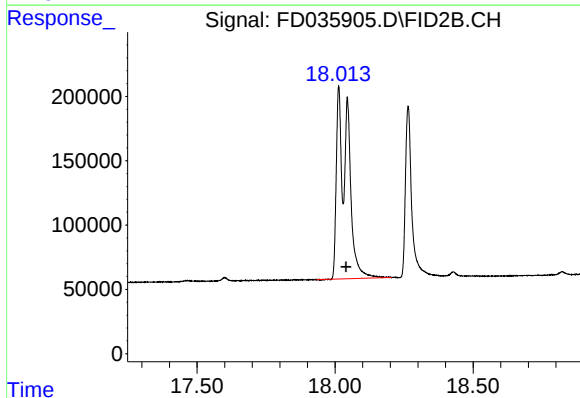
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.290 min
Delta R.T.: -0.019 min
Response: 2193943
Conc: 19.92 ug/ml



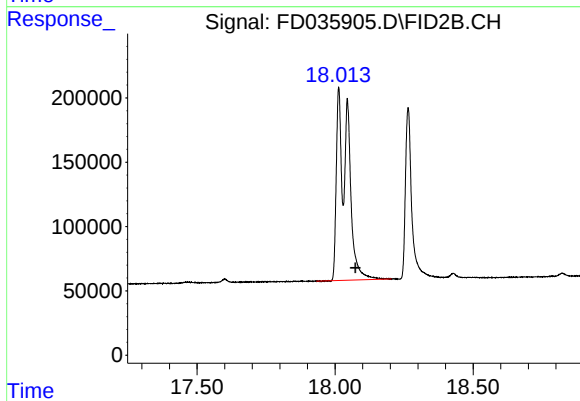
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.642 min
Delta R.T.: -0.030 min
Response: 1901435
Conc: 20.89 ug/ml



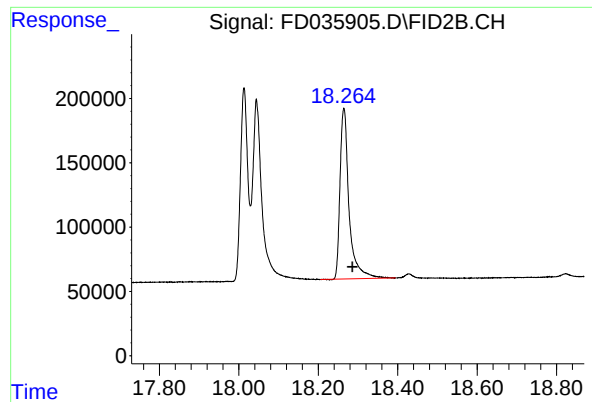
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.014 min
Delta R.T.: -0.026 min
Response: 4186262
Conc: 51.70 ug/ml



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

R.T.: 18.014 min
Delta R.T.: -0.060 min
Response: 4186262
Conc: 39.18 ug/ml



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

R.T.: 18.265 min
Delta R.T.: -0.021 min
Response: 2094358
Conc: 22.65 ug/ml