

Data Path : P:\HPCHEM1\FID D\Data\FD012218AR\
 Data File : FD019169.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jan 2018 16:46
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 23 01:55:17 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:27:29 2018
 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...	7.371	1605120	19.838 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
6) S 2-Fluorobiphenyl (SURR)	8.231	1051921	19.232 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.46%
11) S ortho-Terphenyl (SURR)	11.258	1869182	18.894 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	1765801	19.947 ug/ml
2) T Naphthalene (C11.7)	5.710	1772590	19.847 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	1794277	19.544 ug/ml
5) T Acenaphthylene (C15.06)	8.027	1824844	19.245 ug/ml
7) T Acenaphthene (C15.5)	8.321	1899569	19.472 ug/ml
8) T Fluorene (C16.55)	9.103	1823414	19.188 ug/ml
9) T Phenanthrene (C19.36)	10.496	1900156	19.113 ug/ml
10) T Anthracene (C19.43)	10.572	1878457	19.317 ug/ml
12) T Fluoranthene (C21.85)	12.304	2012890	18.987 ug/ml
13) T Pyrene (C20.8)	12.598	1981486	18.706 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.473	1957582	18.704 ug/ml
15) T Chrysene (C27.41)	14.513	2033120	18.812 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.026	2010552	18.687 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.056	2125215	18.762 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.406	2023665	18.565 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.780	1643248	16.611 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.813	2161751	18.861 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.030	1827244	17.509 ug/ml

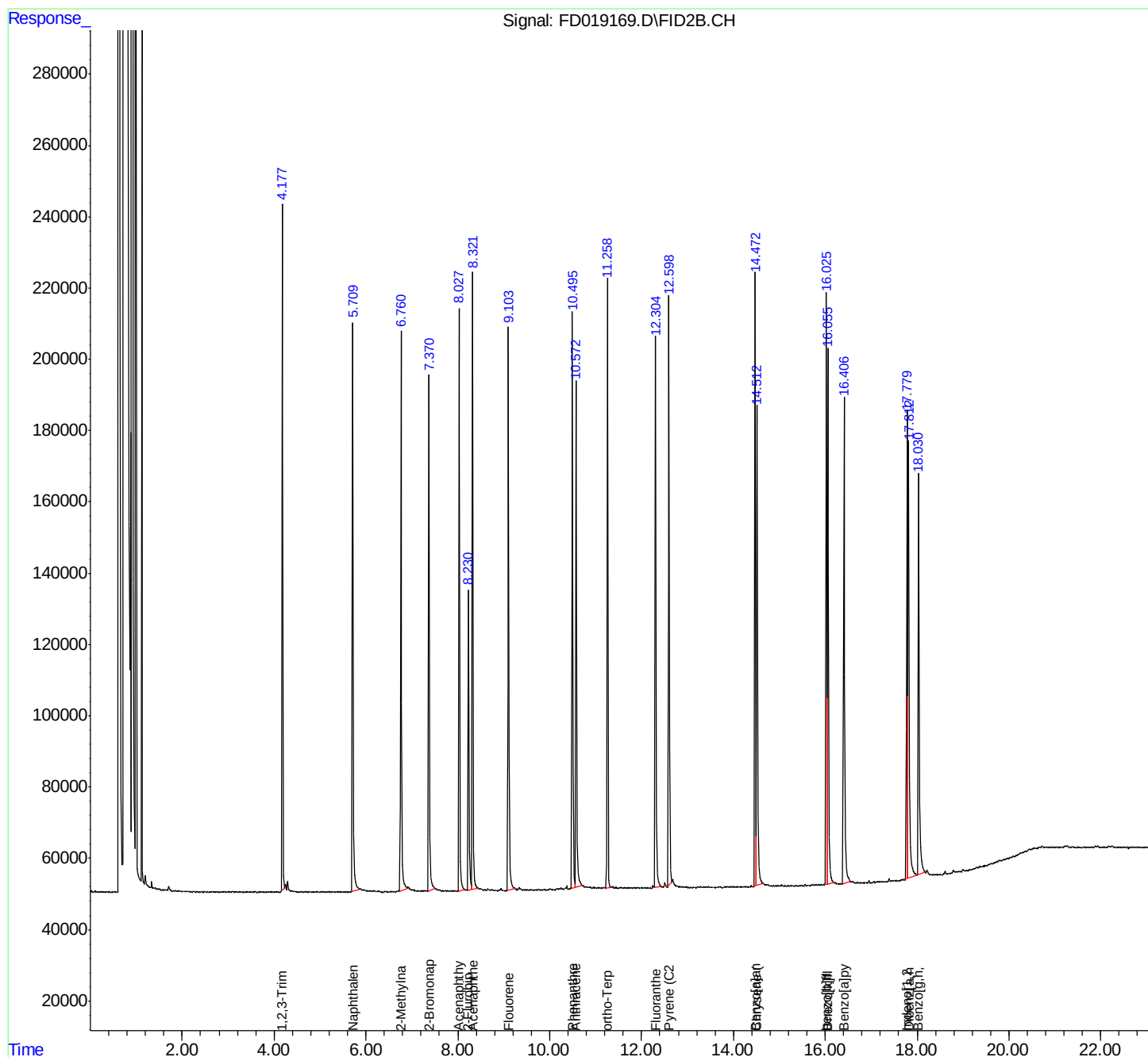
(f)=RT Delta > 1/2 Window

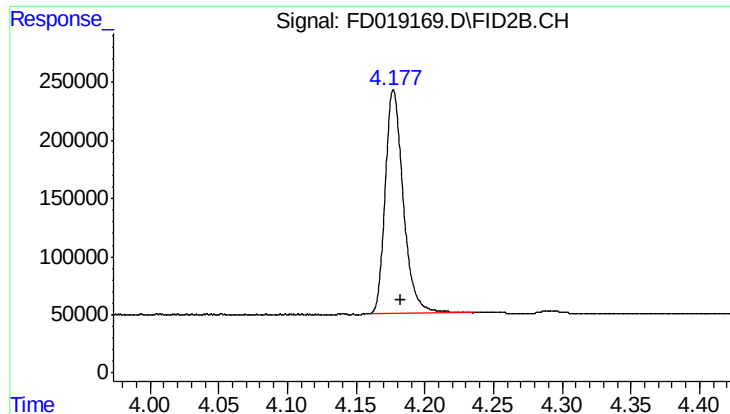
(m)=manual int.

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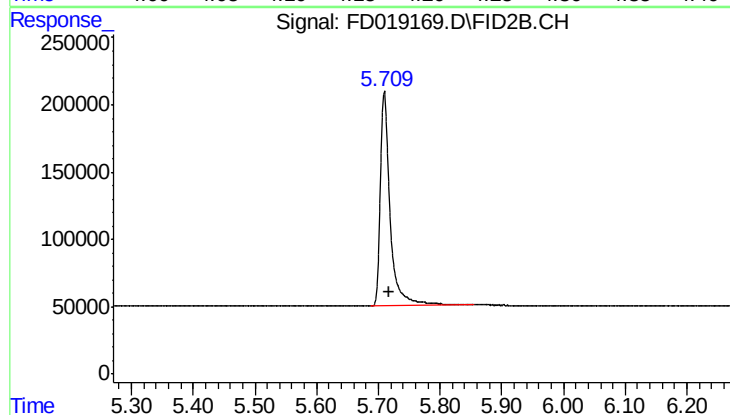
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





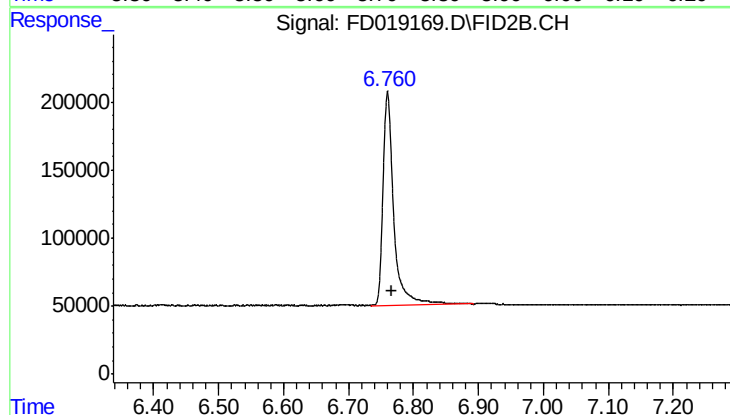
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.177 min
Delta R.T.: -0.005 min
Response: 1765801
Conc: 19.95 ug/ml



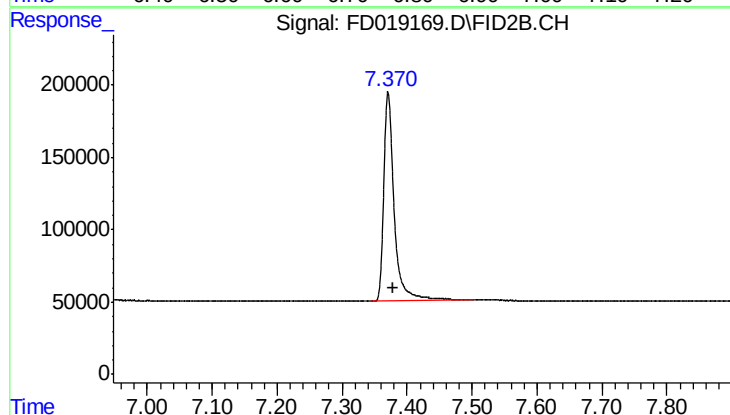
#2 Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: -0.007 min
Response: 1772590
Conc: 19.85 ug/ml



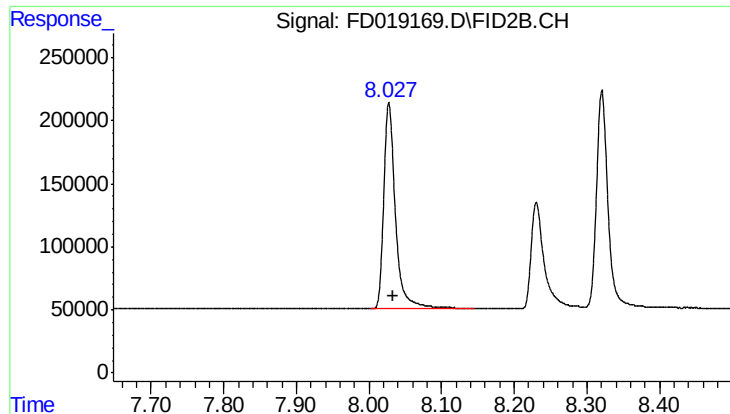
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 1794277
Conc: 19.54 ug/ml



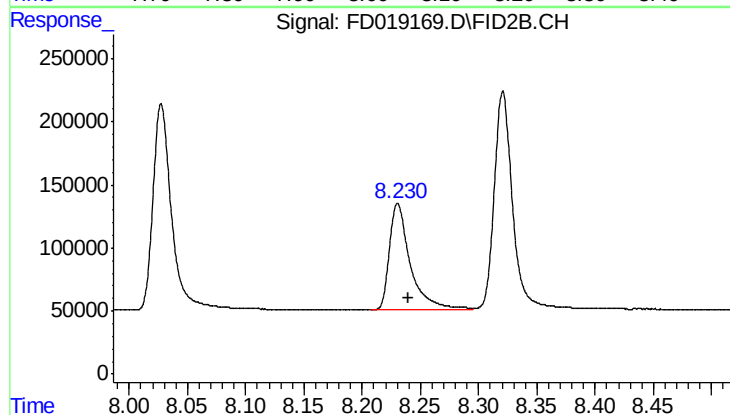
#4 2-Bromonaphthalene (SURR)

R.T.: 7.371 min
Delta R.T.: -0.007 min
Response: 1605120
Conc: 19.84 ug/ml



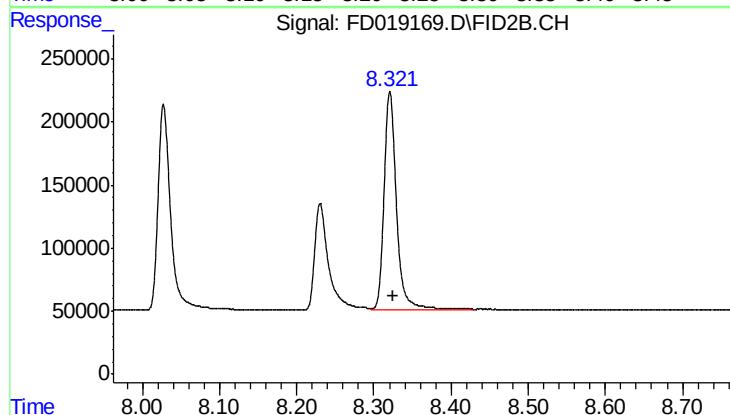
#5 Acenaphthylene (C15.06)

R.T.: 8.027 min
Delta R.T.: -0.006 min
Response: 1824844
Conc: 19.25 ug/ml



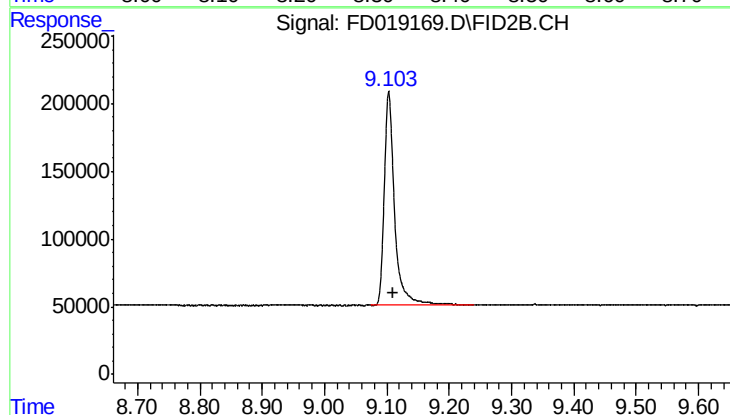
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.231 min
Delta R.T.: -0.009 min
Response: 1051921
Conc: 19.23 ug/ml



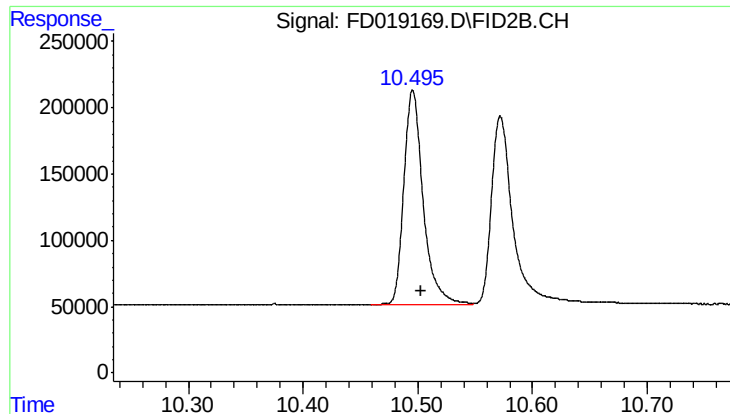
#7 Acenaphthene (C15.5)

R.T.: 8.321 min
Delta R.T.: -0.005 min
Response: 1899569
Conc: 19.47 ug/ml



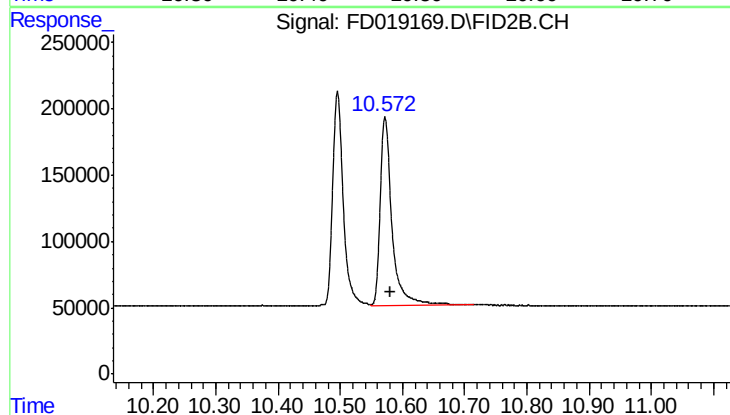
#8 Fluorene (C16.55)

R.T.: 9.103 min
Delta R.T.: -0.006 min
Response: 1823414
Conc: 19.19 ug/ml



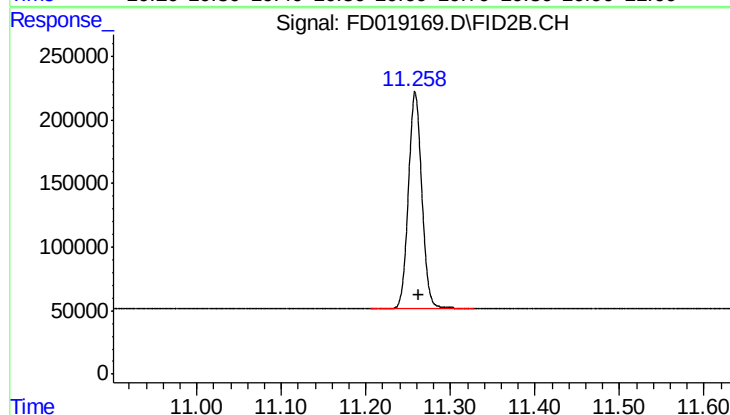
#9 Phenanthrene (C19.36)

R.T.: 10.496 min
Delta R.T.: -0.007 min
Response: 1900156
Conc: 19.11 ug/ml



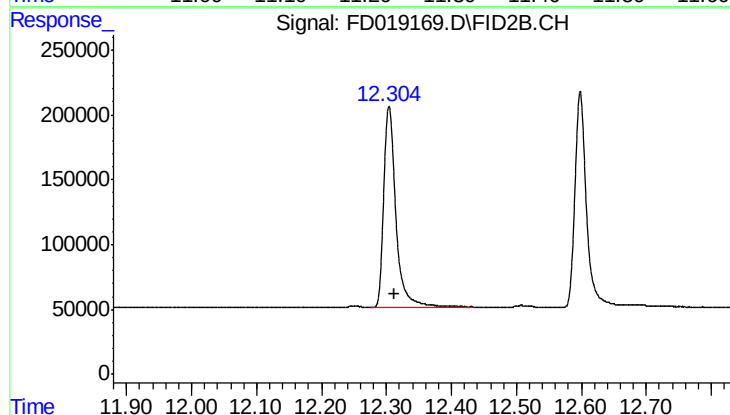
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: -0.008 min
Response: 1878457
Conc: 19.32 ug/ml



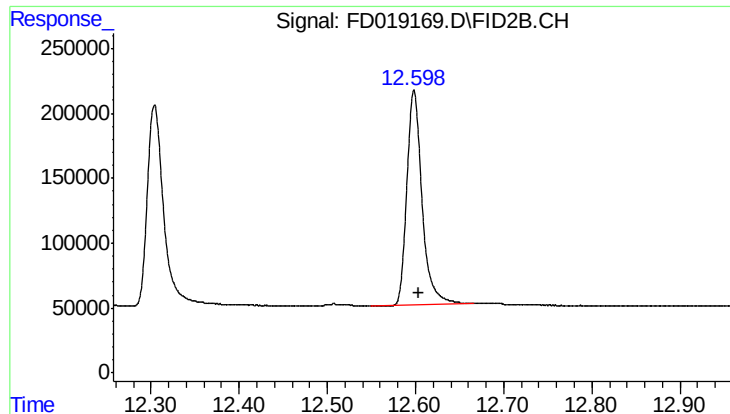
#11 ortho-Terphenyl (SURR)

R.T.: 11.258 min
Delta R.T.: -0.005 min
Response: 1869182
Conc: 18.89 ug/ml



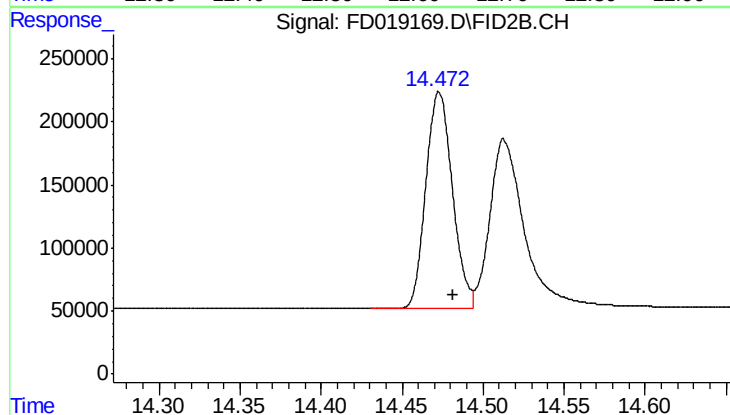
#12 Fluoranthene (C21.85)

R.T.: 12.304 min
Delta R.T.: -0.009 min
Response: 2012890
Conc: 18.99 ug/ml



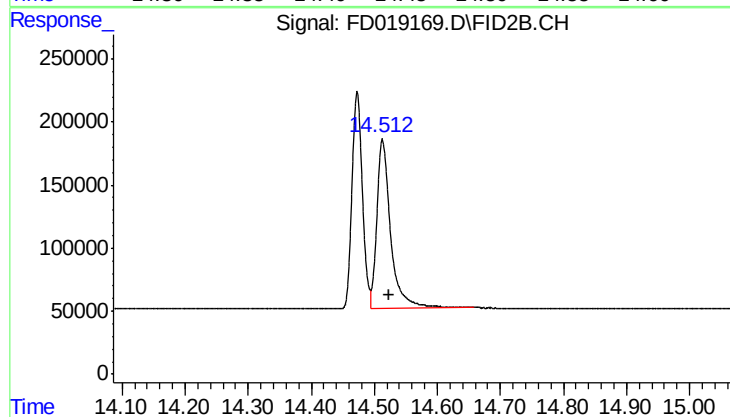
#13 Pyrene (C20.8)

R.T.: 12.598 min
Delta R.T.: -0.006 min
Response: 1981486
Conc: 18.71 ug/ml



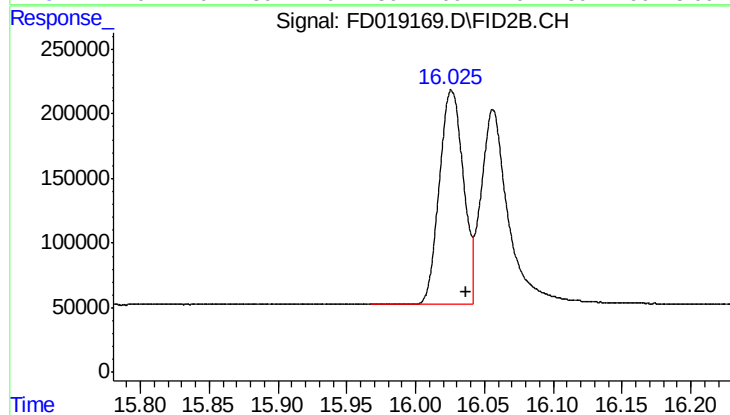
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.473 min
Delta R.T.: -0.008 min
Response: 1957582
Conc: 18.70 ug/ml



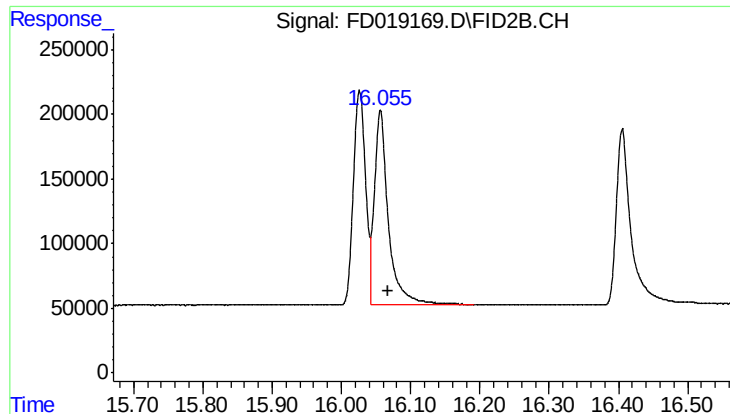
#15 Chrysene (C27.41)

R.T.: 14.513 min
Delta R.T.: -0.011 min
Response: 2033120
Conc: 18.81 ug/ml



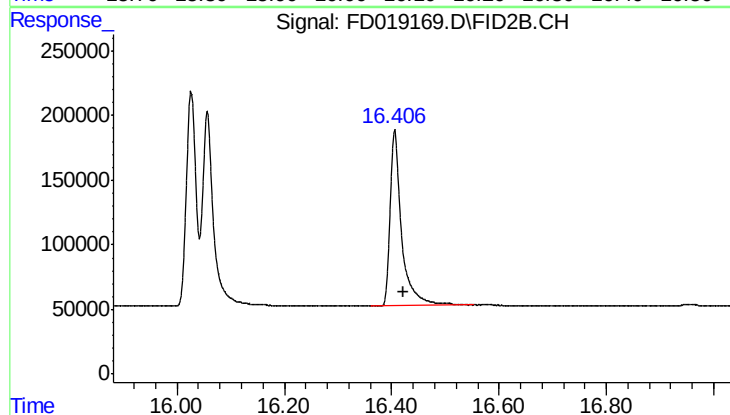
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.026 min
Delta R.T.: -0.010 min
Response: 2010552
Conc: 18.69 ug/ml



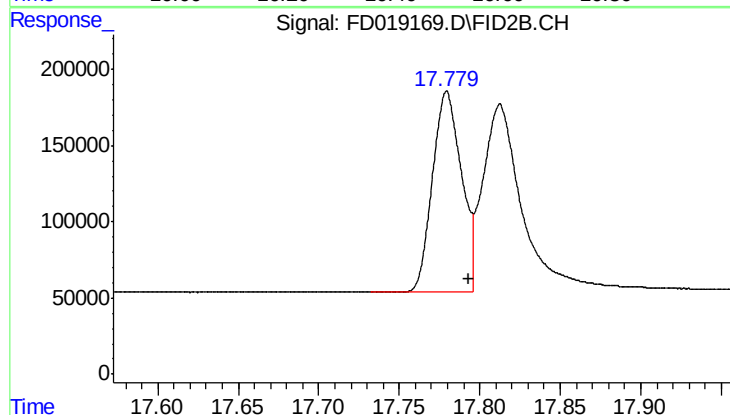
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.056 min
Delta R.T.: -0.011 min
Response: 2125215
Conc: 18.76 ug/ml



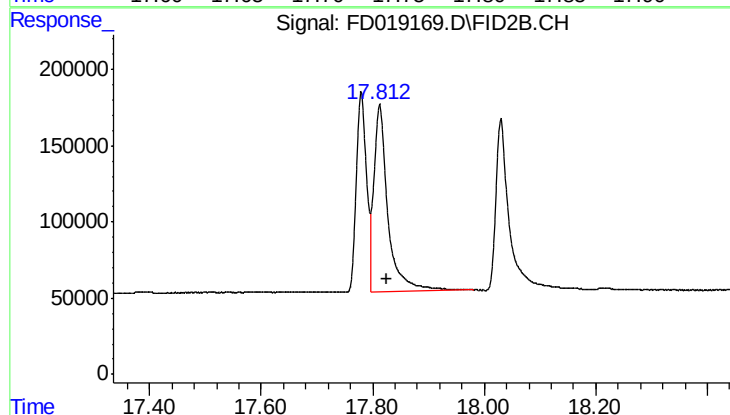
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.406 min
Delta R.T.: -0.015 min
Response: 2023665
Conc: 18.57 ug/ml



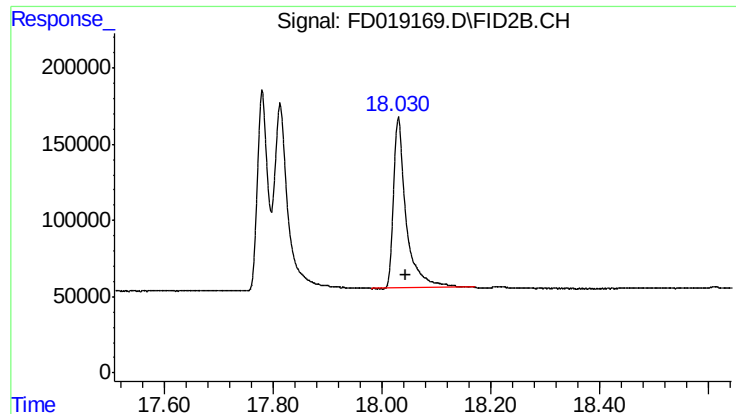
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.780 min
Delta R.T.: -0.014 min
Response: 1643248
Conc: 16.61 ug/ml



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

R.T.: 17.813 min
Delta R.T.: -0.013 min
Response: 2161751
Conc: 18.86 ug/ml



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

R.T.: 18.030 min
Delta R.T.: -0.014 min
Response: 1827244
Conc: 17.51 ug/ml