

Data Path : P:\HPCHEM1\FID D\Data\FD012218AR\
 Data File : FD019163.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jan 2018 11:27
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 23 01:53:52 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...	7.372	1593525	19.694 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
6) S 2-Fluorobiphenyl (SURR)	8.230	1038253	18.982 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.96%
11) S ortho-Terphenyl (SURR)	11.257	1849979	18.700 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	1737303	19.625 ug/ml
2) T Naphthalene (C11.7)	5.710	1750653	19.601 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	1775777	19.343 ug/ml
5) T Acenaphthylene (C15.06)	8.028	1799727	18.980 ug/ml
7) T Acenaphthene (C15.5)	8.321	1857128	19.037 ug/ml
8) T Fluorene (C16.55)	9.103	1797747	18.918 ug/ml
9) T Phenanthrene (C19.36)	10.495	1876910	18.879 ug/ml
10) T Anthracene (C19.43)	10.569	1862174	19.149 ug/ml
12) T Fluoranthene (C21.85)	12.302	1982545	18.701 ug/ml
13) T Pyrene (C20.8)	12.597	1946263	18.374 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.473	1932409	18.464 ug/ml
15) T Chrysene (C27.41)	14.513	1984764	18.364 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.027	1978922	18.393 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.057	2094194	18.489 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.407	2000553	18.353 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.781	1651530	16.694 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.813	2138781	18.660 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.031	1843391	17.664 ug/ml

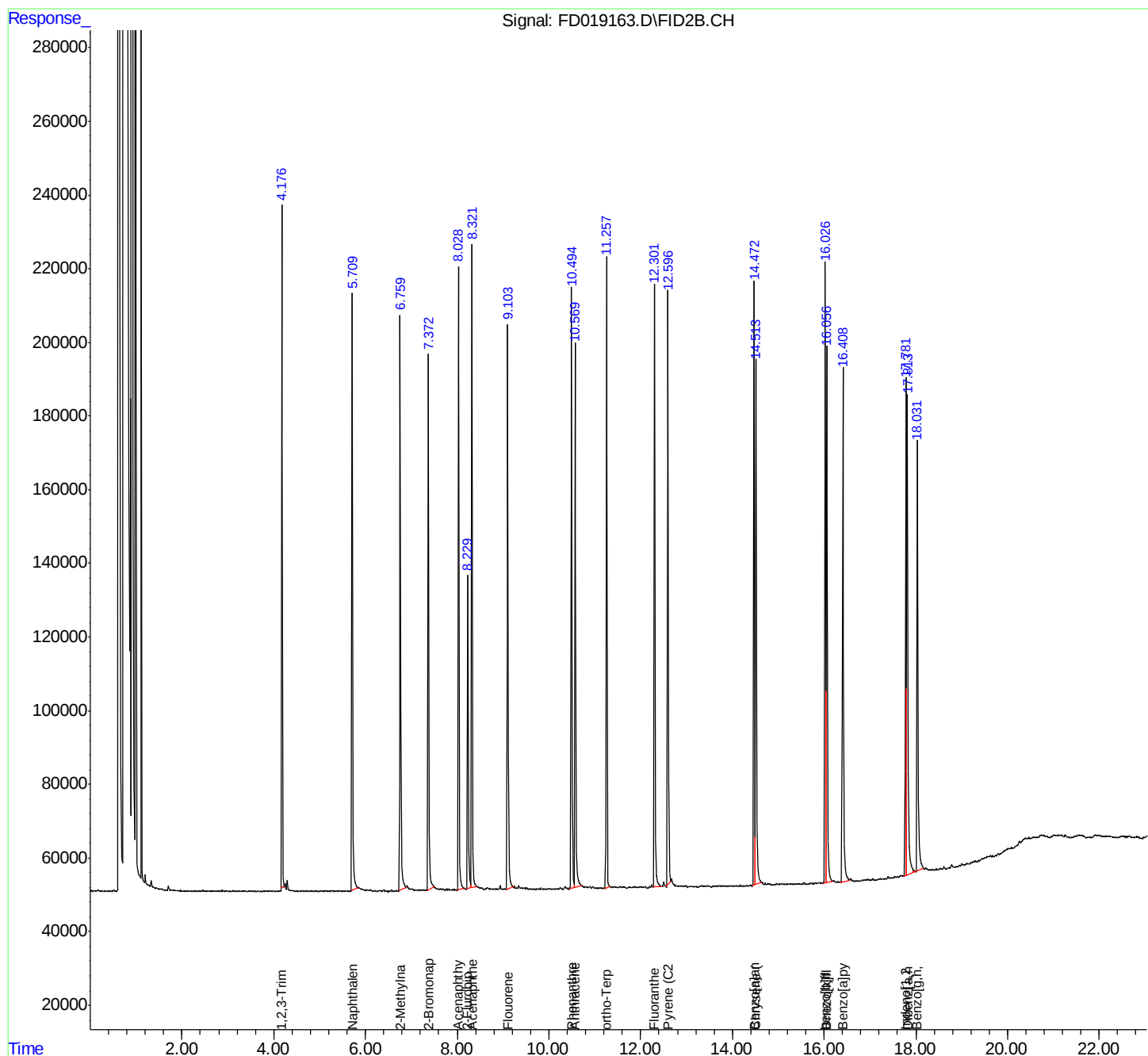
(f)=RT Delta > 1/2 Window

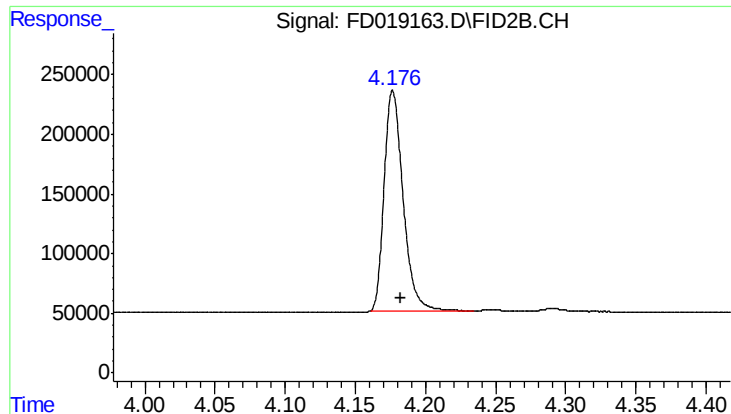
(m)=manual int.

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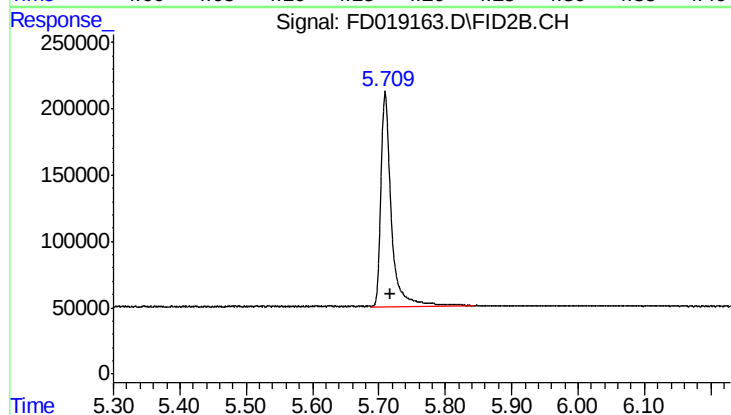
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





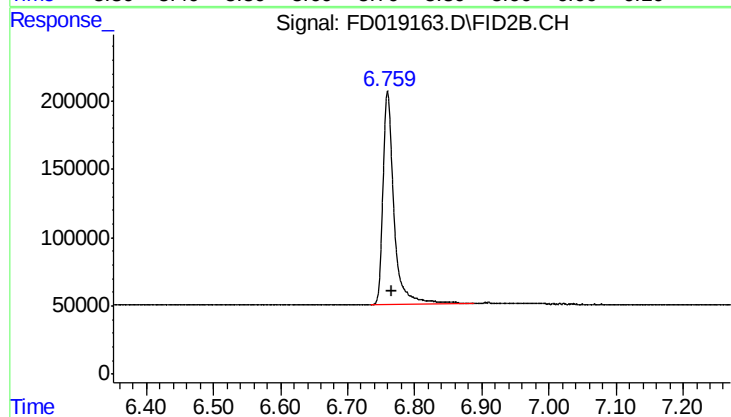
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.177 min
Delta R.T.: -0.006 min
Response: 1737303
Conc: 19.62 ug/ml



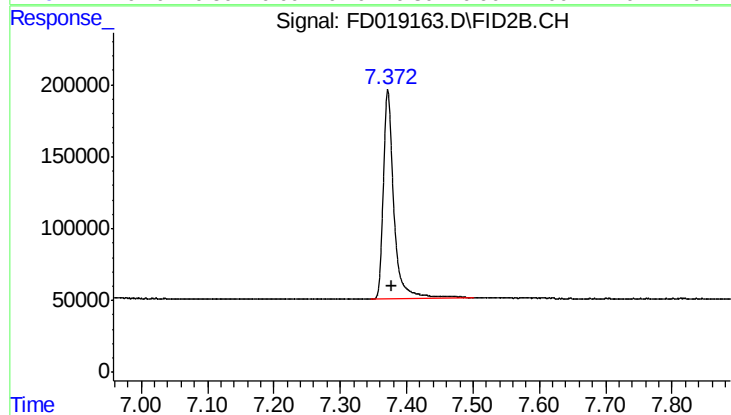
#2 Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: -0.008 min
Response: 1750653
Conc: 19.60 ug/ml



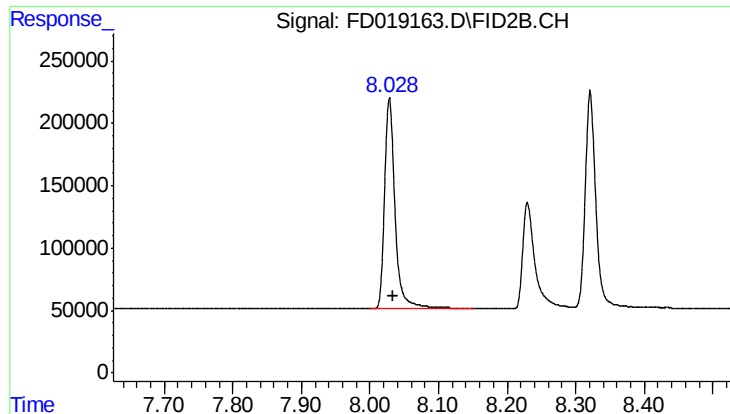
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: -0.007 min
Response: 1775777
Conc: 19.34 ug/ml



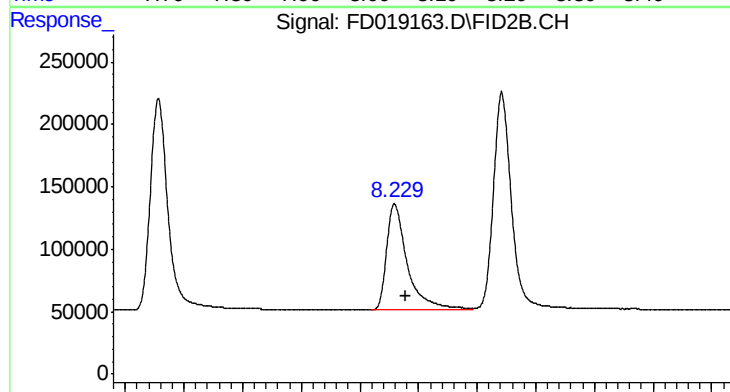
#4 2-Bromonaphthalene (SURR)

R.T.: 7.372 min
Delta R.T.: -0.006 min
Response: 1593525
Conc: 19.69 ug/ml



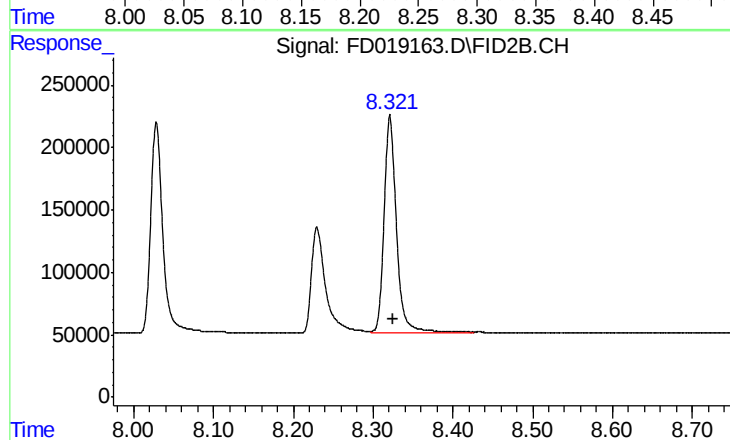
#5 Acenaphthylene (C15.06)

R.T.: 8.028 min
Delta R.T.: -0.005 min
Response: 1799727
Conc: 18.98 ug/ml



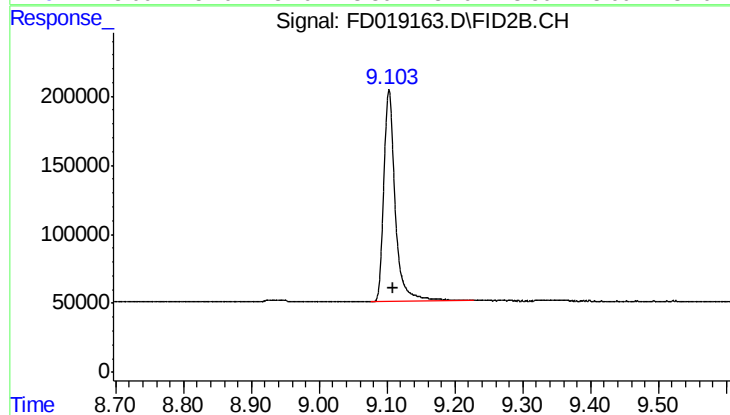
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.230 min
Delta R.T.: -0.010 min
Response: 1038253
Conc: 18.98 ug/ml



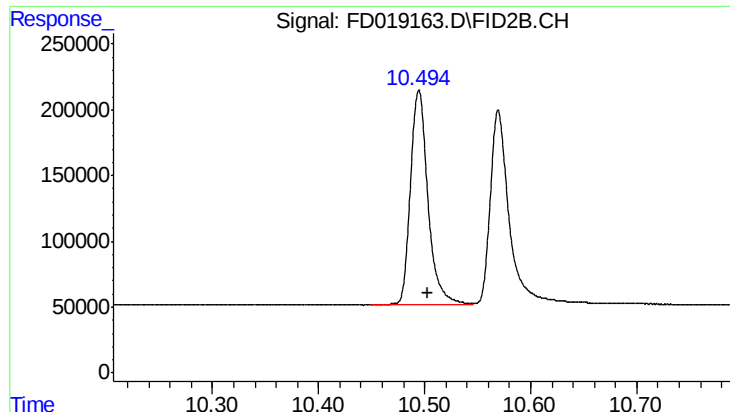
#7 Acenaphthene (C15.5)

R.T.: 8.321 min
Delta R.T.: -0.005 min
Response: 1857128
Conc: 19.04 ug/ml



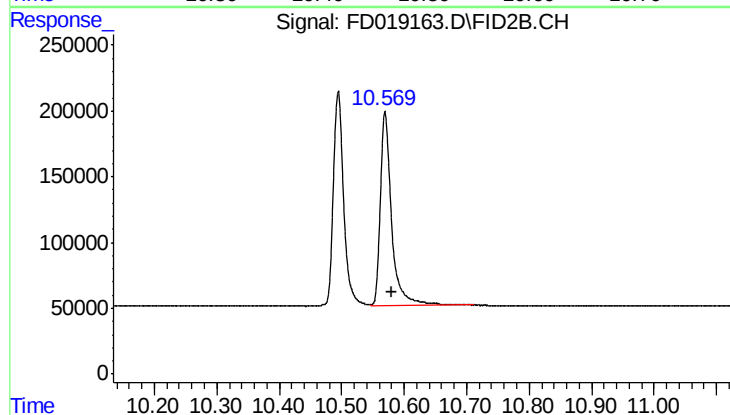
#8 Fluorene (C16.55)

R.T.: 9.103 min
Delta R.T.: -0.007 min
Response: 1797747
Conc: 18.92 ug/ml



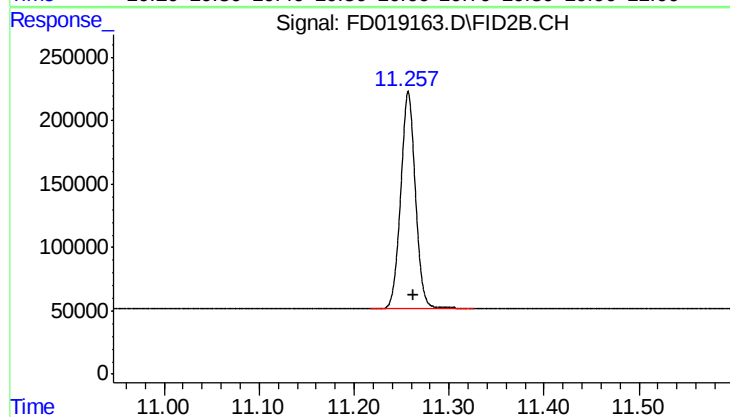
#9 Phenanthrene (C19.36)

R.T.: 10.495 min
Delta R.T.: -0.008 min
Response: 1876910
Conc: 18.88 ug/ml



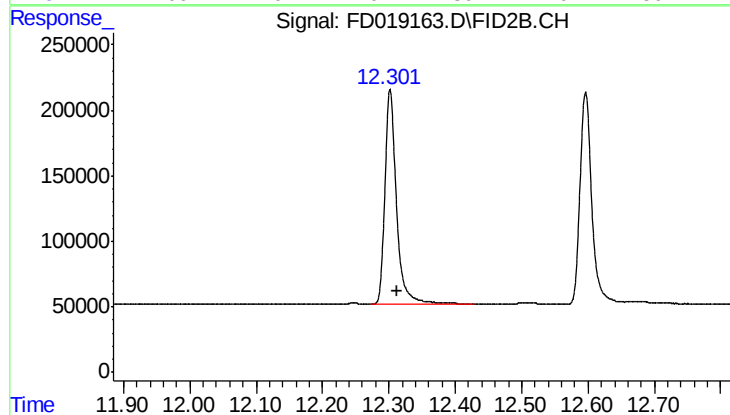
#10 Anthracene (C19.43)

R.T.: 10.569 min
Delta R.T.: -0.011 min
Response: 1862174
Conc: 19.15 ug/ml



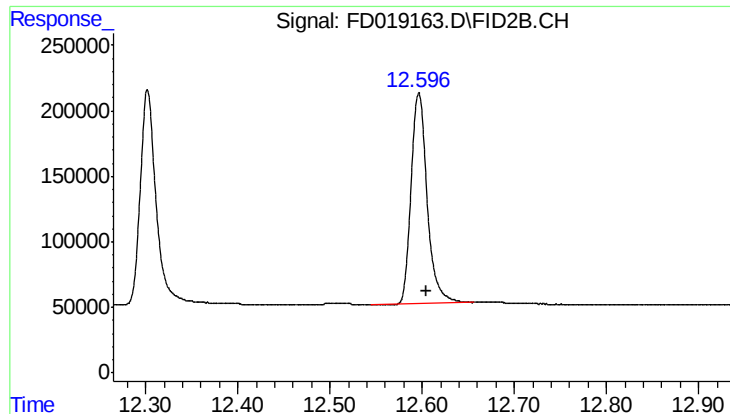
#11 ortho-Terphenyl (SURR)

R.T.: 11.257 min
Delta R.T.: -0.006 min
Response: 1849979
Conc: 18.70 ug/ml



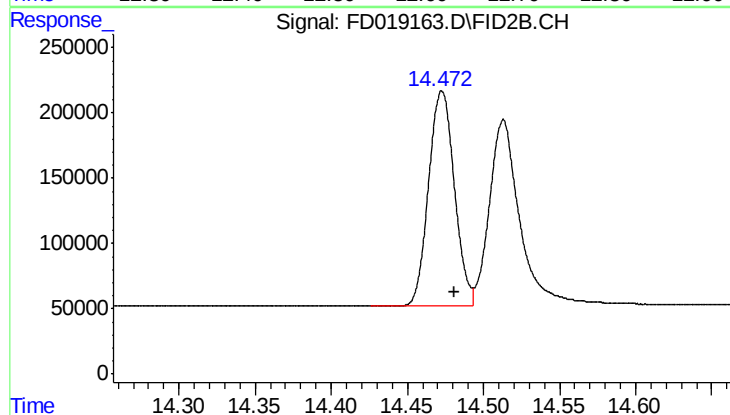
#12 Fluoranthene (C21.85)

R.T.: 12.302 min
Delta R.T.: -0.011 min
Response: 1982545
Conc: 18.70 ug/ml



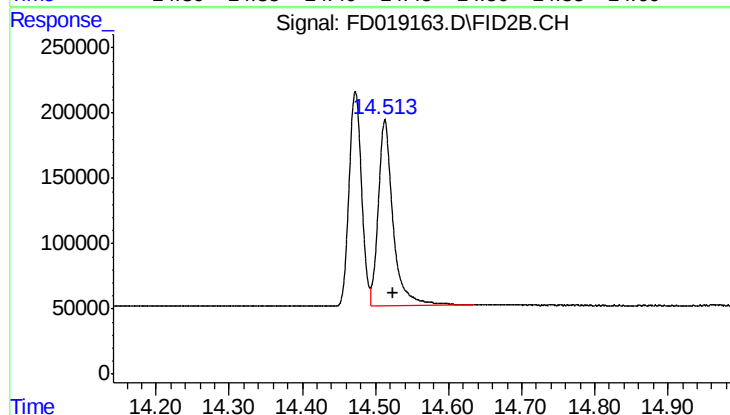
#13 Pyrene (C20.8)

R.T.: 12.597 min
Delta R.T.: -0.007 min
Response: 1946263
Conc: 18.37 ug/ml



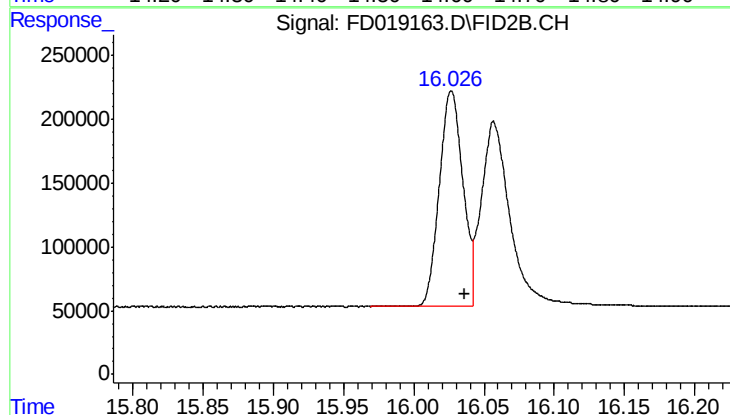
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.473 min
Delta R.T.: -0.008 min
Response: 1932409
Conc: 18.46 ug/ml



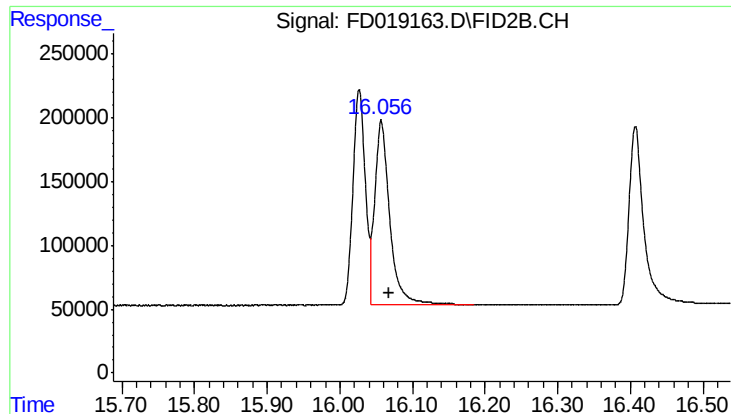
#15 Chrysene (C27.41)

R.T.: 14.513 min
Delta R.T.: -0.011 min
Response: 1984764
Conc: 18.36 ug/ml



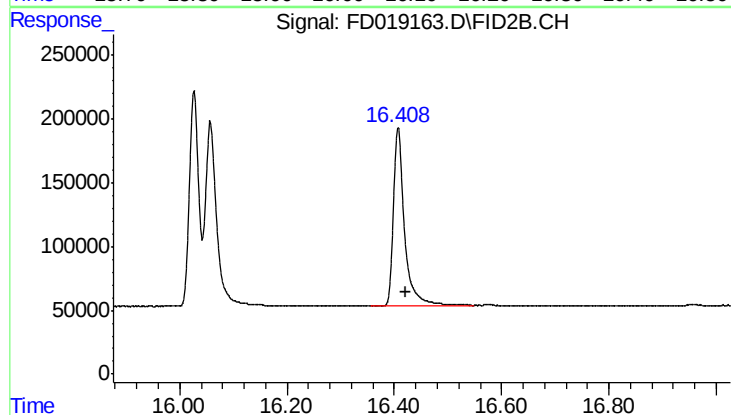
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.027 min
Delta R.T.: -0.010 min
Response: 1978922
Conc: 18.39 ug/ml



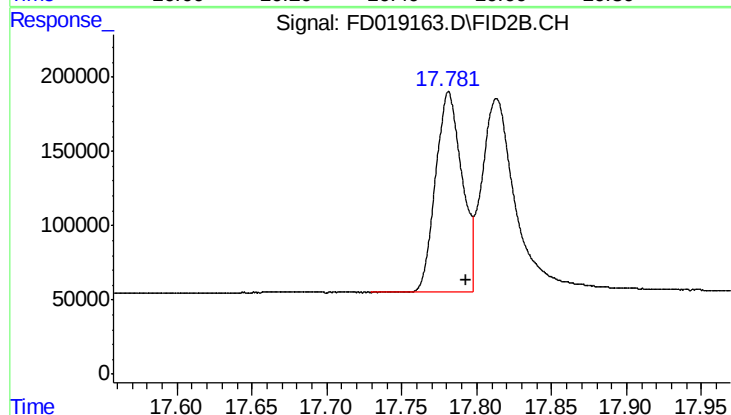
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.057 min
Delta R.T.: -0.011 min
Response: 2094194
Conc: 18.49 ug/ml



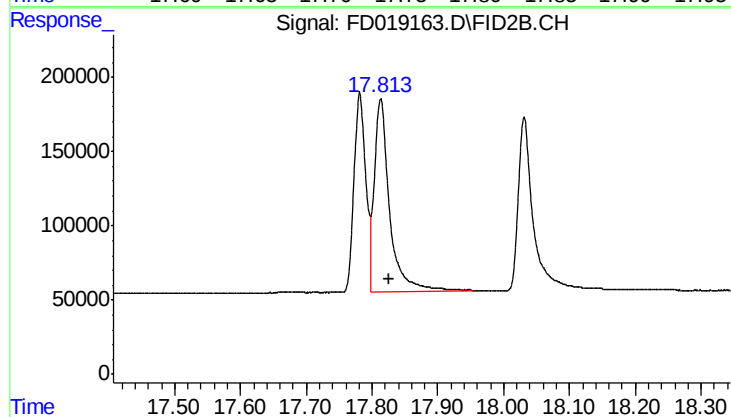
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.407 min
Delta R.T.: -0.014 min
Response: 2000553
Conc: 18.35 ug/ml



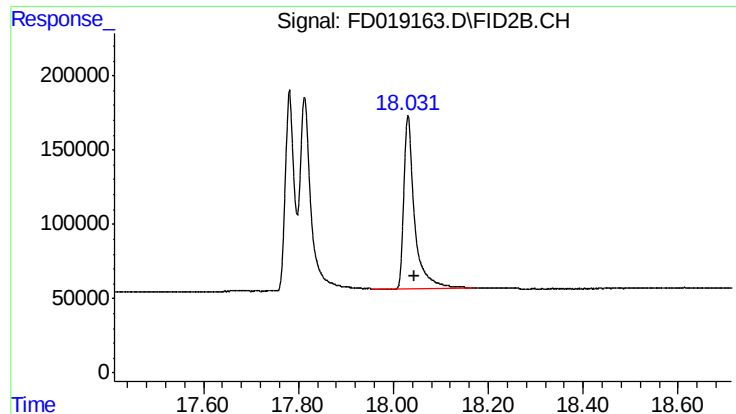
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.781 min
Delta R.T.: -0.012 min
Response: 1651530
Conc: 16.69 ug/ml



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

R.T.: 17.813 min
Delta R.T.: -0.012 min
Response: 2138781
Conc: 18.66 ug/ml



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

R.T.: 18.031 min
Delta R.T.: -0.012 min
Response: 1843391
Conc: 17.66 ug/ml