

Data Path : P:\HPCHEM1\FID_D\Data\FD012418AR\
 Data File : FD019216.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jan 2018 12:52
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 15:49:30 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...	7.367	1596298	19.729 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
6) S 2-Fluorobiphenyl (SURR)	8.227	1063627	19.446 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.89%
11) S ortho-Terphenyl (SURR)	11.254	1926547	19.474 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.173	1683295	19.015 ug/mlm
2) T Naphthalene (C11.7)	5.706	1745720	19.546 ug/ml
3) T 2-Methylnaphthalene (...)	6.756	1772091	19.302 ug/ml
5) T Acenaphthylene (C15.06)	8.024	1855962	19.573 ug/ml
7) T Acenaphthene (C15.5)	8.316	1938681	19.873 ug/ml
8) T Flouorene (C16.55)	9.099	1863351	19.608 ug/ml
9) T Phenanthrene (C19.36)	10.491	1959164	19.707 ug/ml
10) T Anthracene (C19.43)	10.568	1949530	20.048 ug/ml
12) T Fluoranthene (C21.85)	12.300	2073780	19.562 ug/ml
13) T Pyrene (C20.8)	12.594	2038572	19.245 ug/ml
14) T Benzo[a]anthracene (C...	14.470	2005464	19.162 ug/ml
15) T Chrysene (C27.41)	14.512	2131160	19.719 ug/ml
16) T benzo[b]fluoranthene ...	16.024	2043214	18.991 ug/ml
17) T Bnezo[k]fluoranthene ...	16.055	2216340	19.567 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.404	1917499	17.591 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.778	1581222	15.984 ug/ml
20) T Dibenz[a,h]anthracene...	17.810	2229955	19.456 ug/ml
21) T Benzo[g,h,i]perylene ...	18.029	1788318	17.136 ug/ml

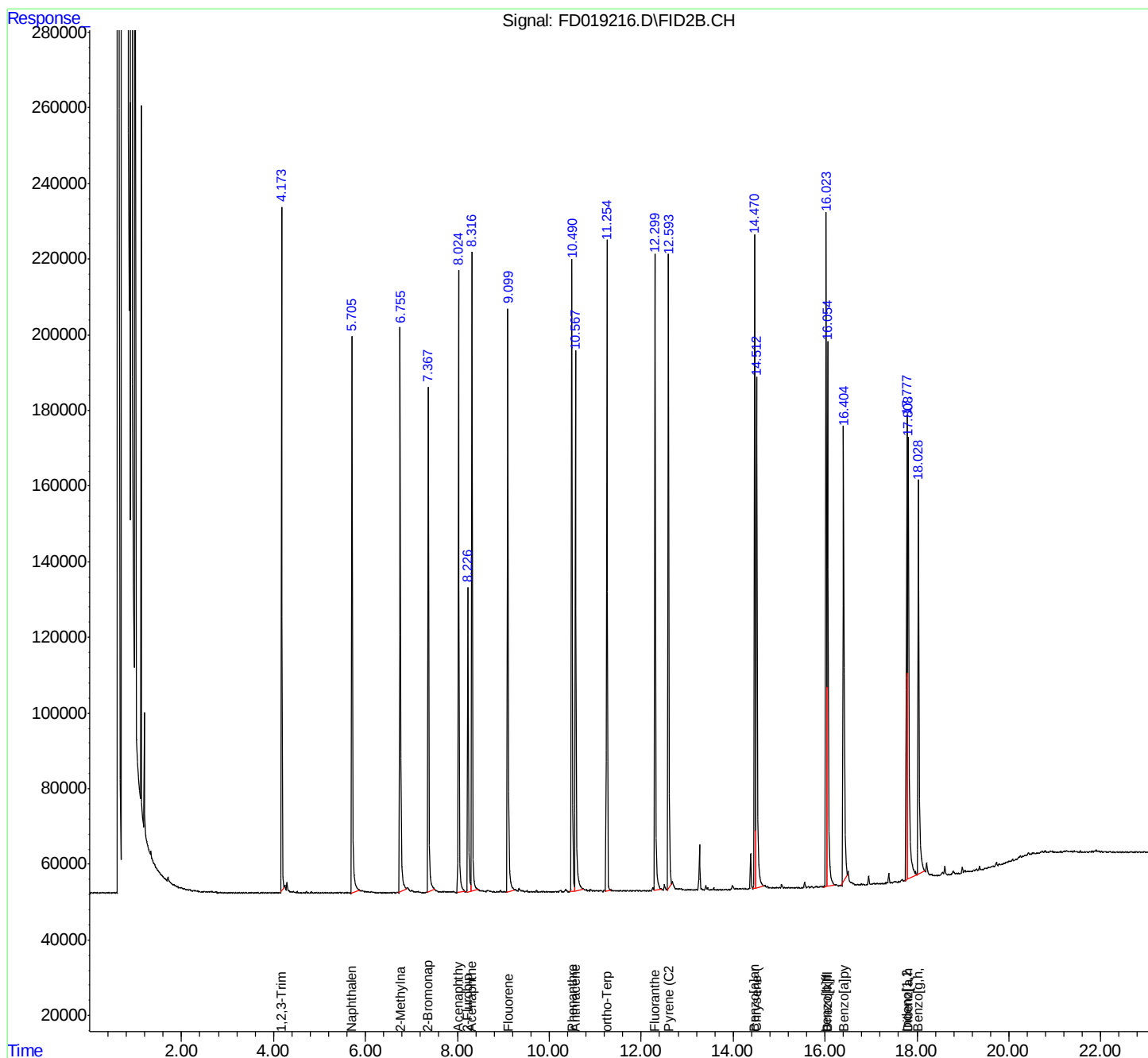
(f)=RT Delta > 1/2 Window

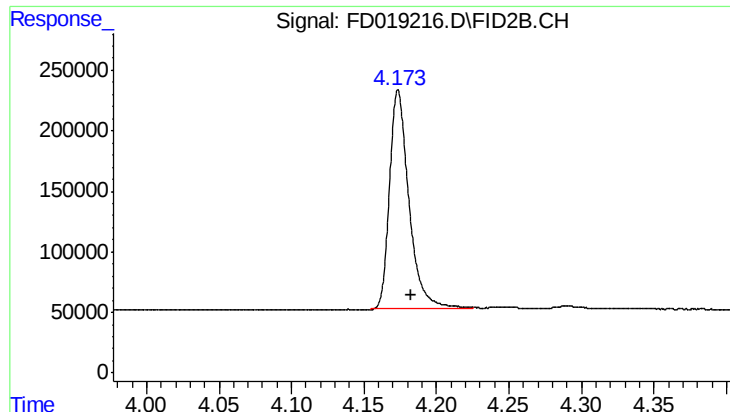
(m)=manual int.

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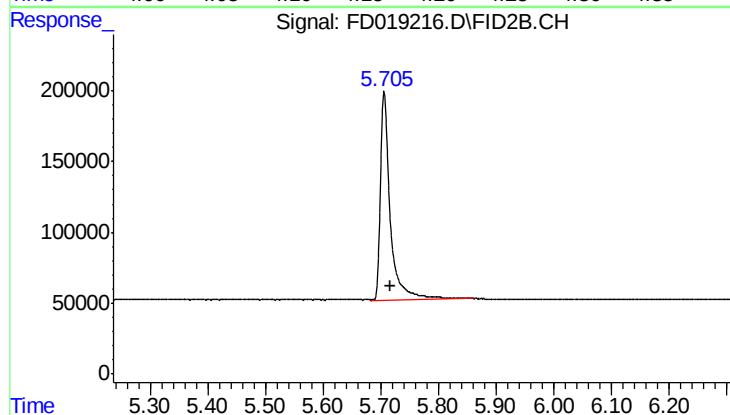
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Signal Info : 20M x 0.18mm x 0.18µm





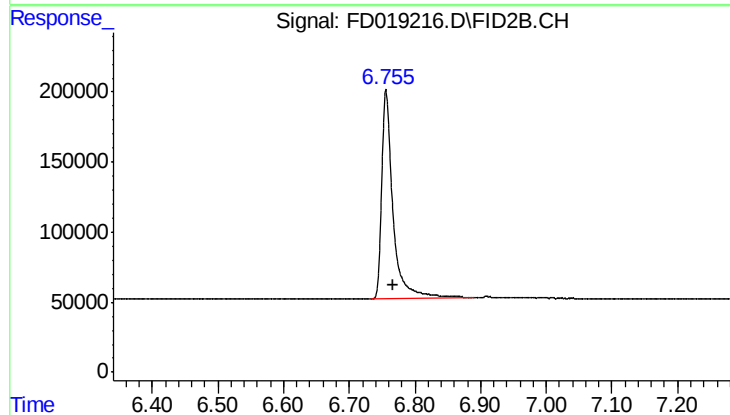
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.173 min
Delta R.T.: -0.009 min
Response: 1683295
Conc: 19.01 ug/ml m



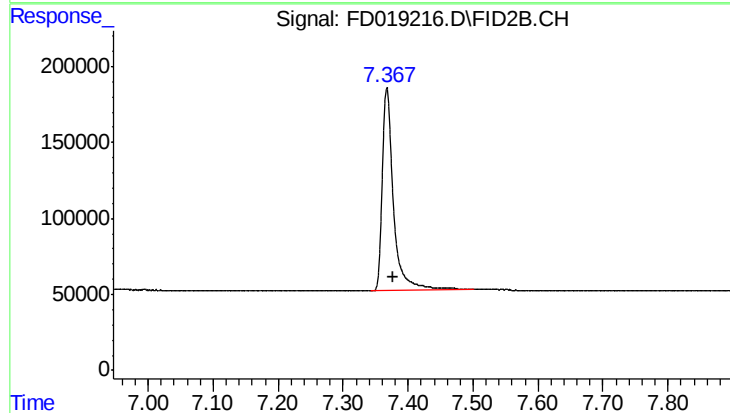
#2 Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: -0.011 min
Response: 1745720
Conc: 19.55 ug/ml



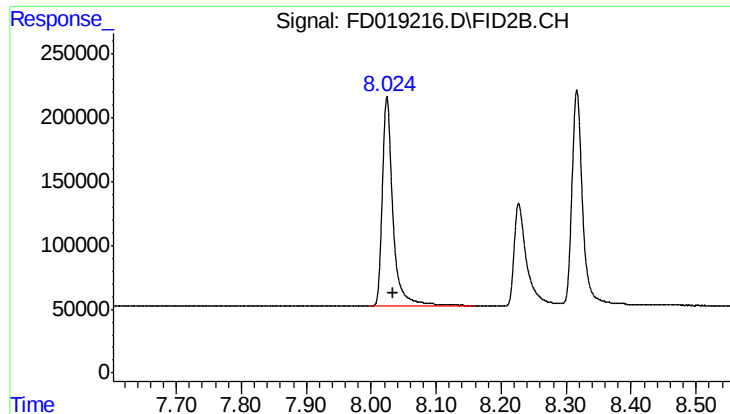
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.756 min
Delta R.T.: -0.010 min
Response: 1772091
Conc: 19.30 ug/ml



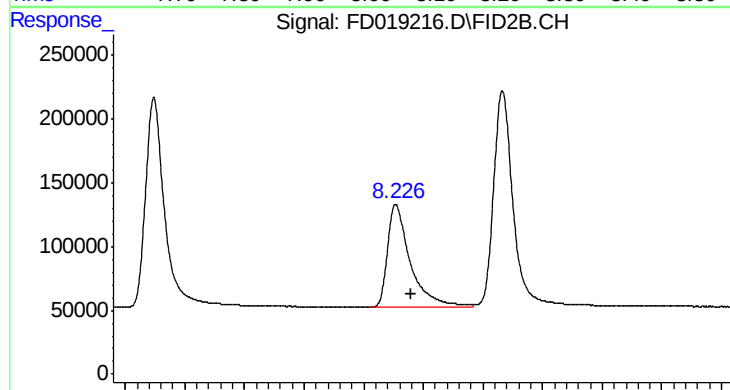
#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: -0.010 min
Response: 1596298
Conc: 19.73 ug/ml



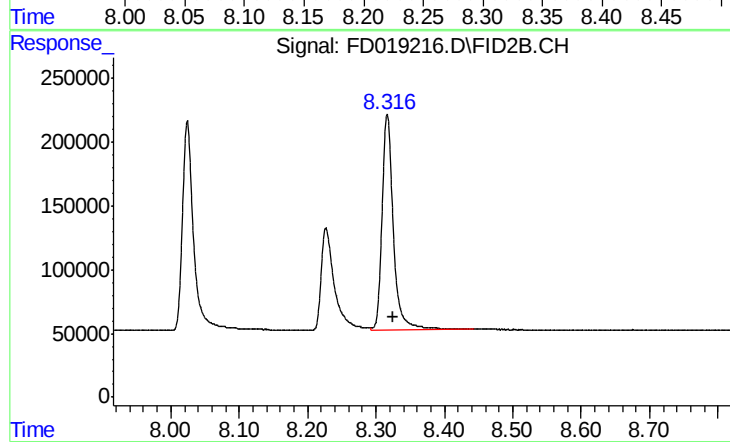
#5 Acenaphthylene (C15.06)

R.T.: 8.024 min
Delta R.T.: -0.010 min
Response: 1855962
Conc: 19.57 ug/ml



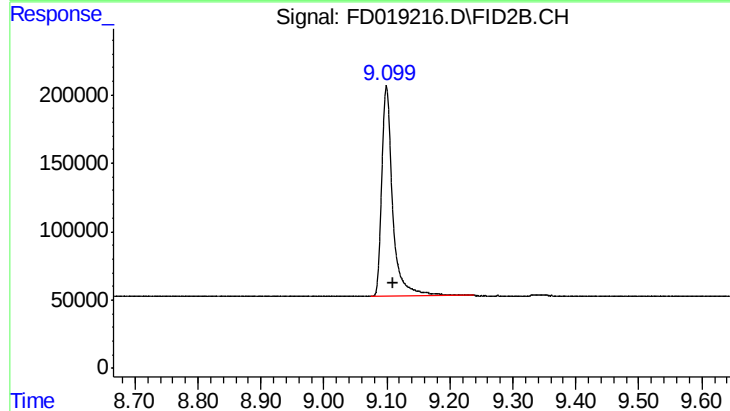
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.227 min
Delta R.T.: -0.013 min
Response: 1063627
Conc: 19.45 ug/ml



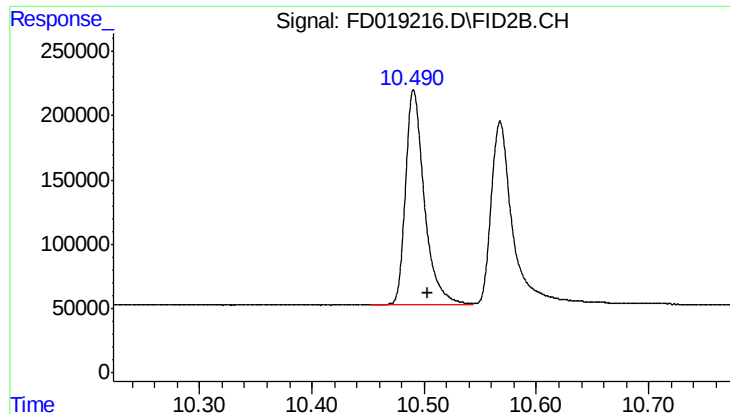
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: -0.009 min
Response: 1938681
Conc: 19.87 ug/ml



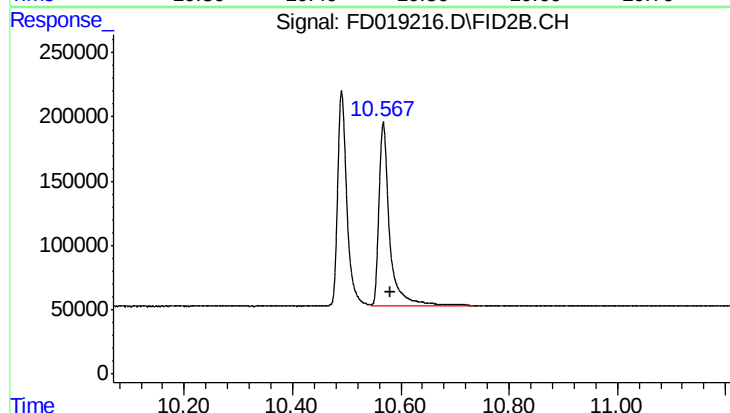
#8 Fluorene (C16.55)

R.T.: 9.099 min
Delta R.T.: -0.010 min
Response: 1863351
Conc: 19.61 ug/ml



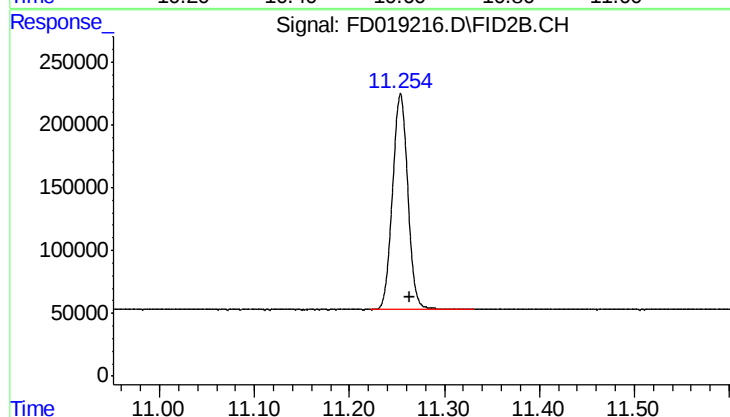
#9 Phenanthrene (C19.36)

R.T.: 10.491 min
Delta R.T.: -0.012 min
Response: 1959164
Conc: 19.71 ug/ml



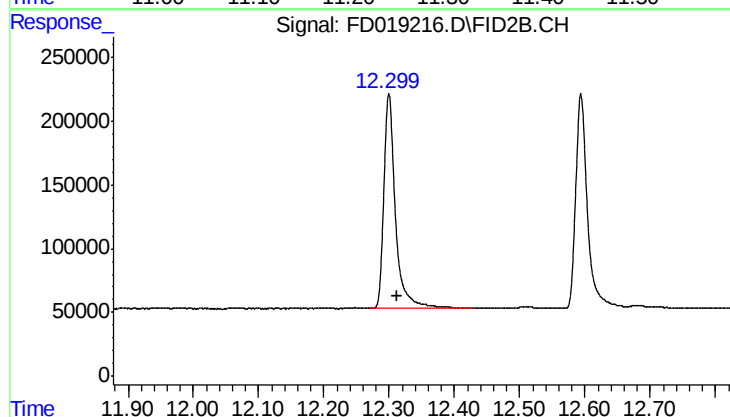
#10 Anthracene (C19.43)

R.T.: 10.568 min
Delta R.T.: -0.013 min
Response: 1949530
Conc: 20.05 ug/ml



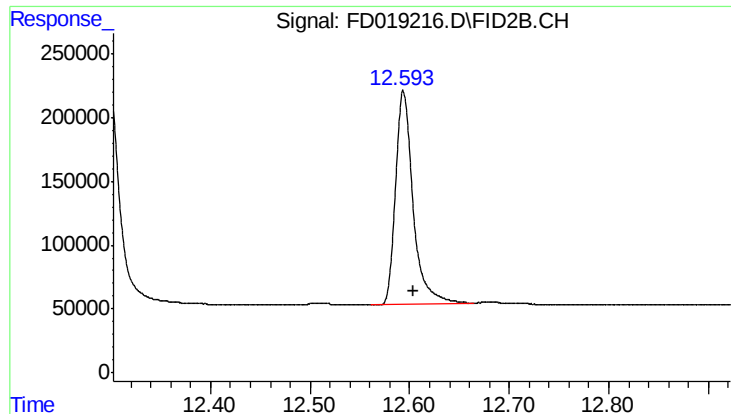
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: -0.009 min
Response: 1926547
Conc: 19.47 ug/ml



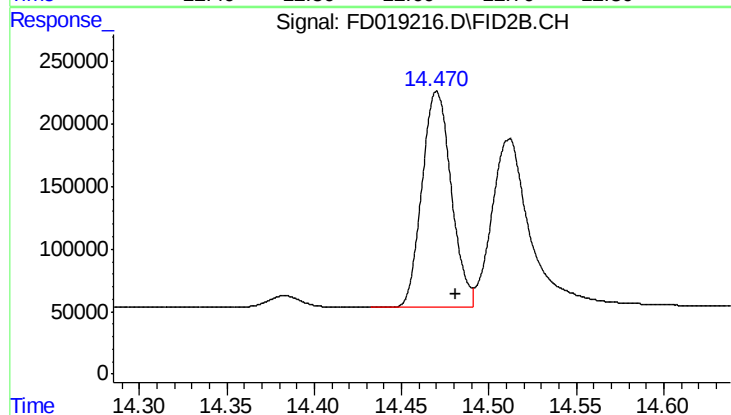
#12 Fluoranthene (C21.85)

R.T.: 12.300 min
Delta R.T.: -0.013 min
Response: 2073780
Conc: 19.56 ug/ml



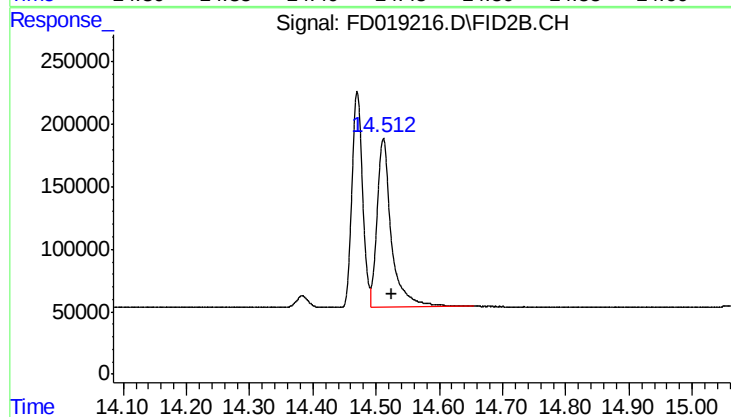
#13 Pyrene (C20.8)

R.T.: 12.594 min
Delta R.T.: -0.010 min
Response: 2038572
Conc: 19.24 ug/ml



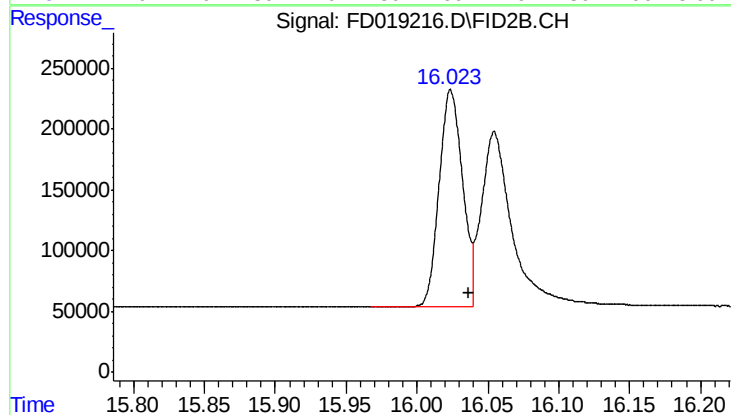
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.470 min
Delta R.T.: -0.011 min
Response: 2005464
Conc: 19.16 ug/ml



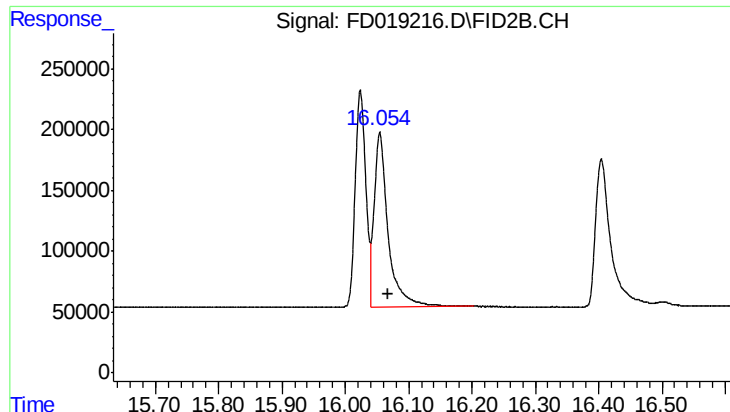
#15 Chrysene (C27.41)

R.T.: 14.512 min
Delta R.T.: -0.013 min
Response: 2131160
Conc: 19.72 ug/ml



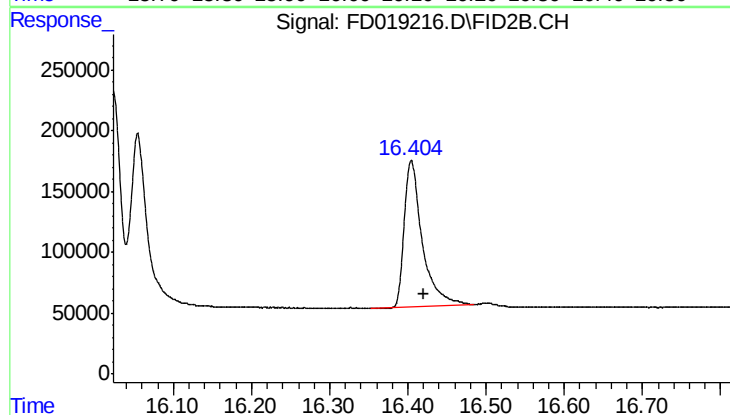
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.024 min
Delta R.T.: -0.013 min
Response: 2043214
Conc: 18.99 ug/ml



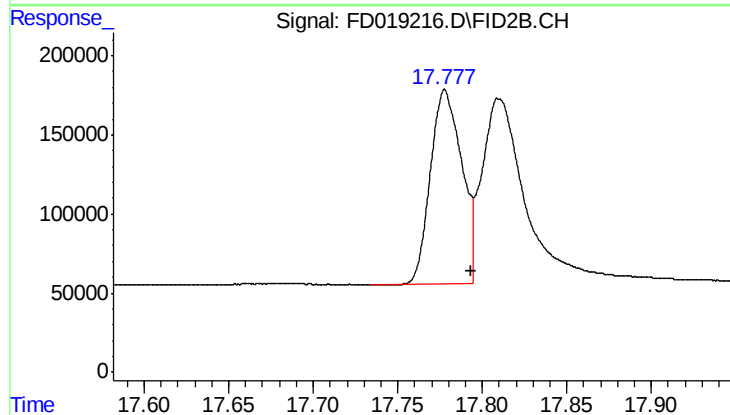
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.055 min
Delta R.T.: -0.013 min
Response: 2216340
Conc: 19.57 ug/ml



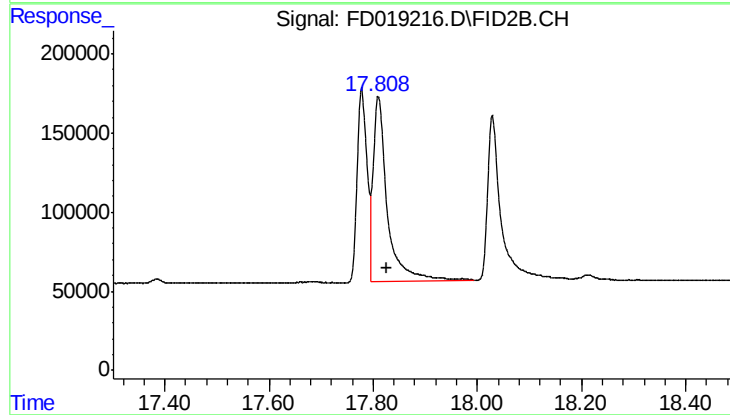
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.404 min
Delta R.T.: -0.016 min
Response: 1917499
Conc: 17.59 ug/ml



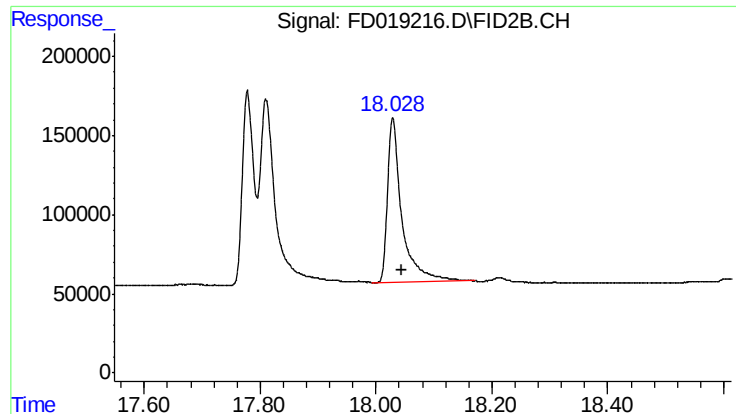
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.778 min
Delta R.T.: -0.015 min
Response: 1581222
Conc: 15.98 ug/ml



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

R.T.: 17.810 min
Delta R.T.: -0.016 min
Response: 2229955
Conc: 19.46 ug/ml



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

R.T.: 18.029 min
Delta R.T.: -0.015 min
Response: 1788318
Conc: 17.14 ug/ml