

Data Path : P:\HPCHEM1\FID D\Data\FD012418AR\
 Data File : FD019211.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jan 2018 1:54
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 07:28:01 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...	7.368	1592733	19.684 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
6) S 2-Fluorobiphenyl (SURR)	8.227	1054261	19.275 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.55%
11) S ortho-Terphenyl (SURR)	11.254	1915496	19.362 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	1619703	18.296 ug/ml
2) T Naphthalene (C11.7)	5.707	1695456	18.983 ug/ml
3) T 2-Methylnaphthalene (...)	6.757	1755165	19.118 ug/ml
5) T Acenaphthylene (C15.06)	8.024	1844430	19.452 ug/ml
7) T Acenaphthene (C15.5)	8.316	1910442	19.584 ug/ml
8) T Fluorene (C16.55)	9.099	1847991	19.446 ug/ml
9) T Phenanthrene (C19.36)	10.491	1946695	19.581 ug/ml
10) T Anthracene (C19.43)	10.568	1915975	19.703 ug/ml
12) T Fluoranthene (C21.85)	12.301	2067238	19.500 ug/ml
13) T Pyrene (C20.8)	12.595	2024540	19.113 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.471	1991440	19.028 ug/ml
15) T Chrysene (C27.41)	14.513	2123791	19.651 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.025	2033233	18.898 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.056	2190789	19.341 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.407	1919837	17.613 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.780	1604646	16.220 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.813	2203556	19.226 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.030	1793970	17.190 ug/ml

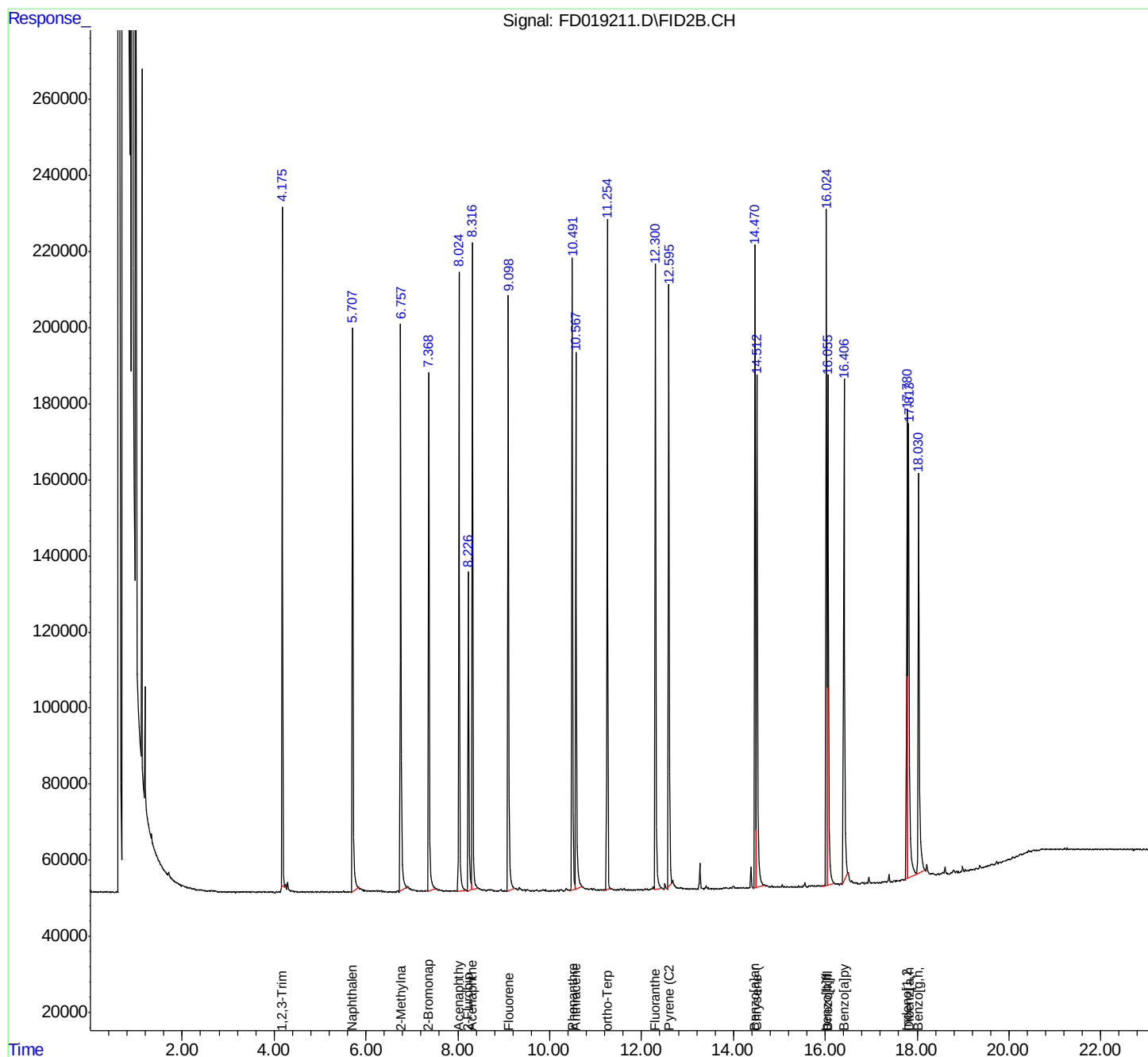
(f)=RT Delta > 1/2 Window

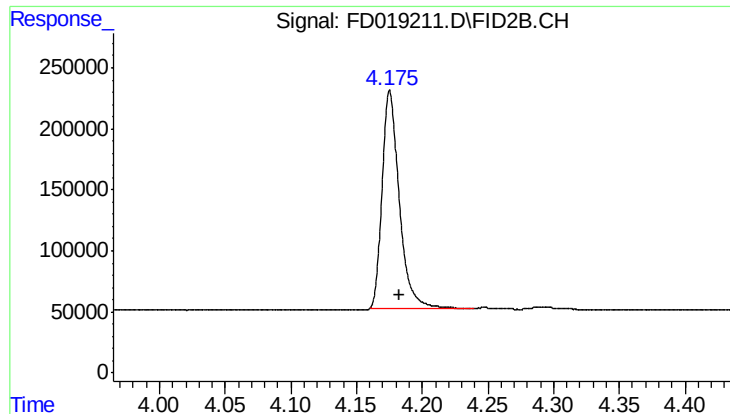
(m)=manual int.

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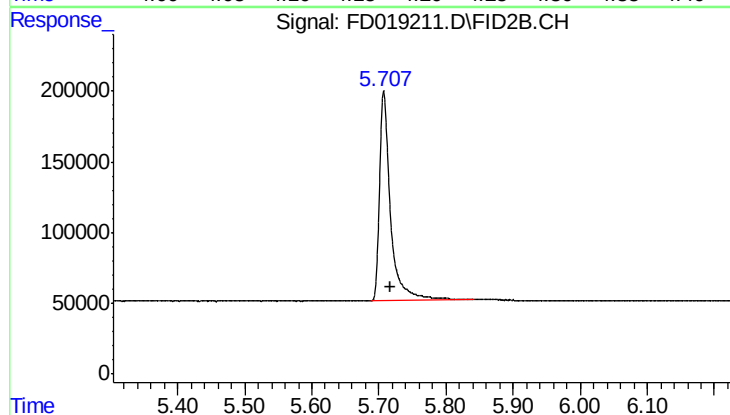
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





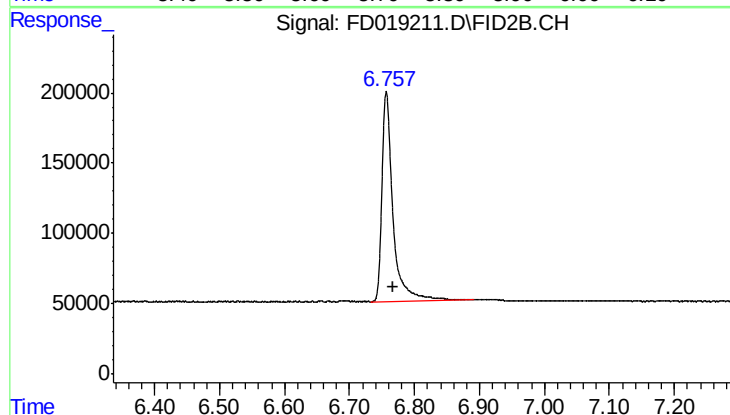
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.175 min
Delta R.T.: -0.007 min
Response: 1619703
Conc: 18.30 ug/ml



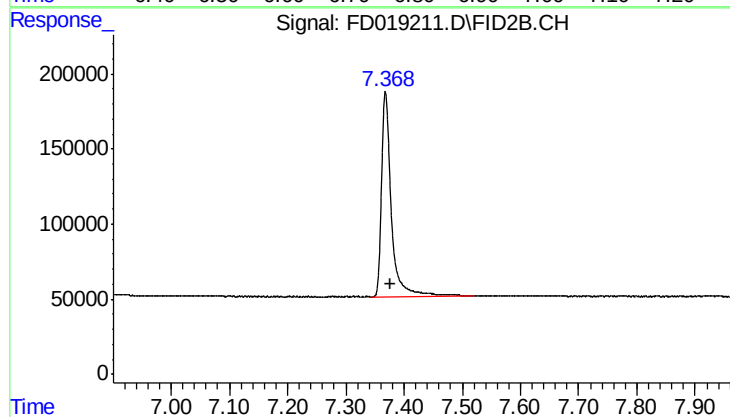
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: -0.010 min
Response: 1695456
Conc: 18.98 ug/ml



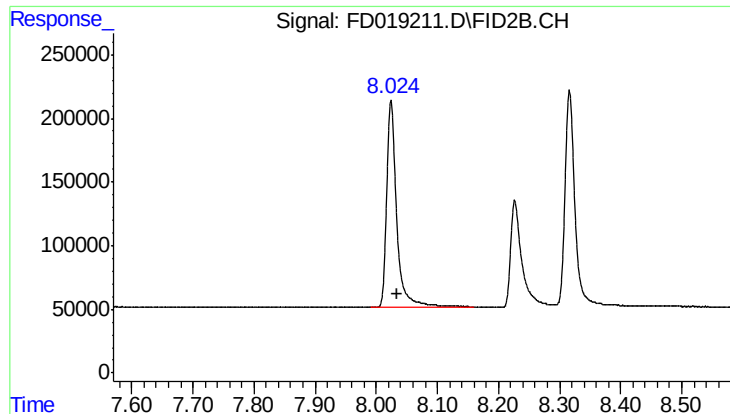
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.757 min
Delta R.T.: -0.010 min
Response: 1755165
Conc: 19.12 ug/ml



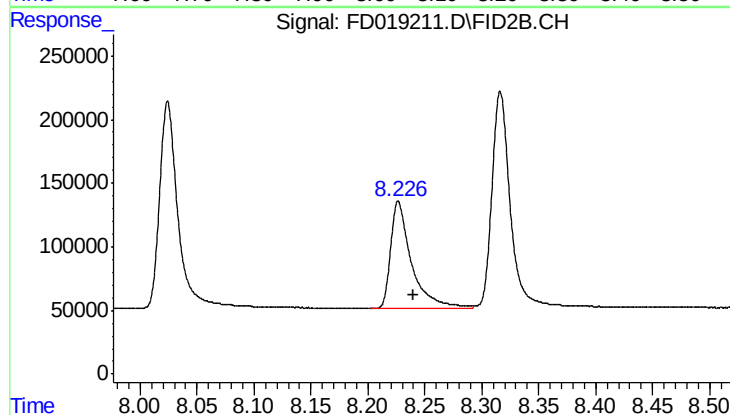
#4 2-Bromonaphthalene (SURR)

R.T.: 7.368 min
Delta R.T.: -0.009 min
Response: 1592733
Conc: 19.68 ug/ml



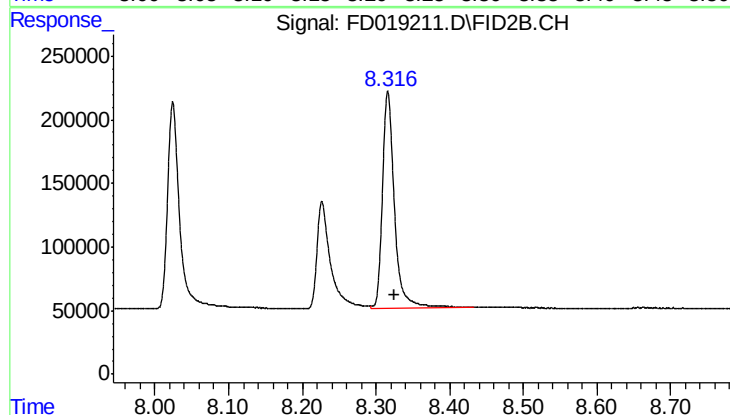
#5 Acenaphthylene (C15.06)

R.T.: 8.024 min
Delta R.T.: -0.010 min
Response: 1844430
Conc: 19.45 ug/ml



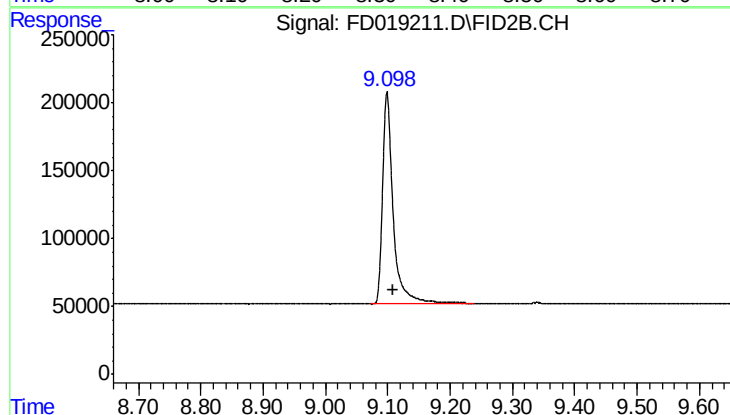
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.227 min
Delta R.T.: -0.013 min
Response: 1054261
Conc: 19.27 ug/ml



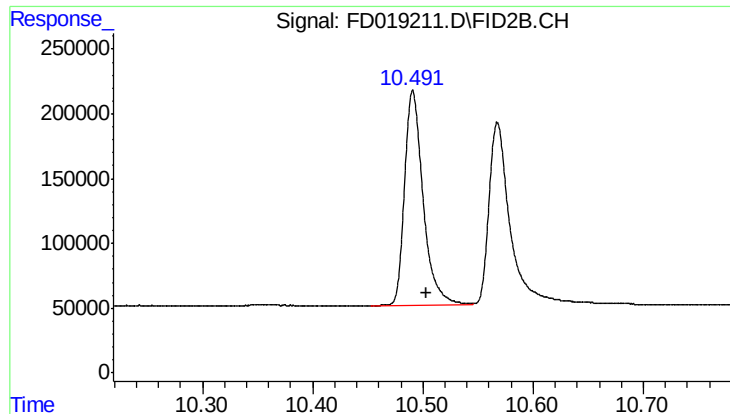
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: -0.009 min
Response: 1910442
Conc: 19.58 ug/ml



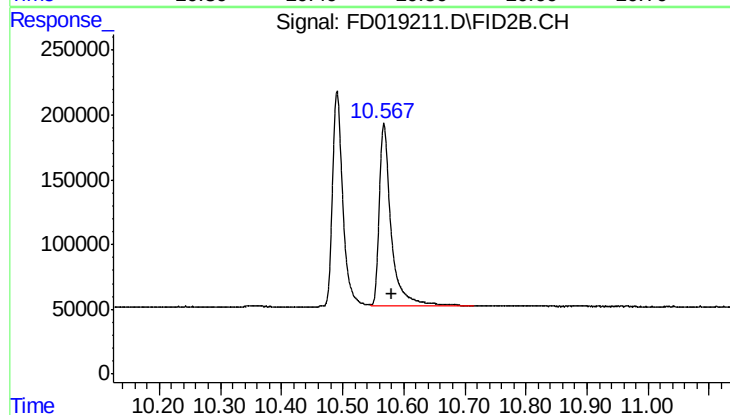
#8 Fluorene (C16.55)

R.T.: 9.099 min
Delta R.T.: -0.011 min
Response: 1847991
Conc: 19.45 ug/ml



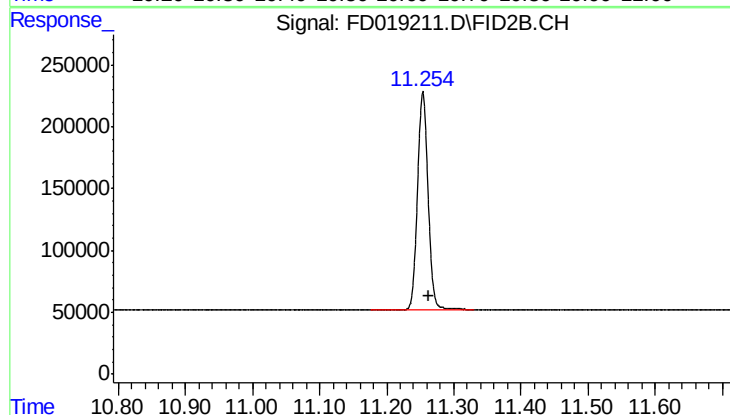
#9 Phenanthrene (C19.36)

R.T.: 10.491 min
Delta R.T.: -0.012 min
Response: 1946695
Conc: 19.58 ug/ml



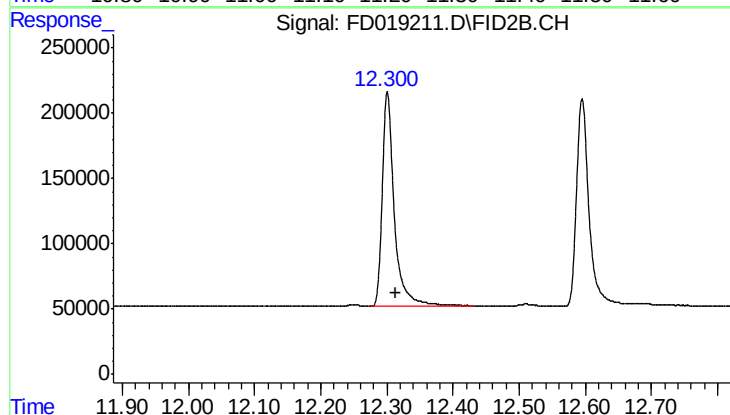
#10 Anthracene (C19.43)

R.T.: 10.568 min
Delta R.T.: -0.013 min
Response: 1915975
Conc: 19.70 ug/ml



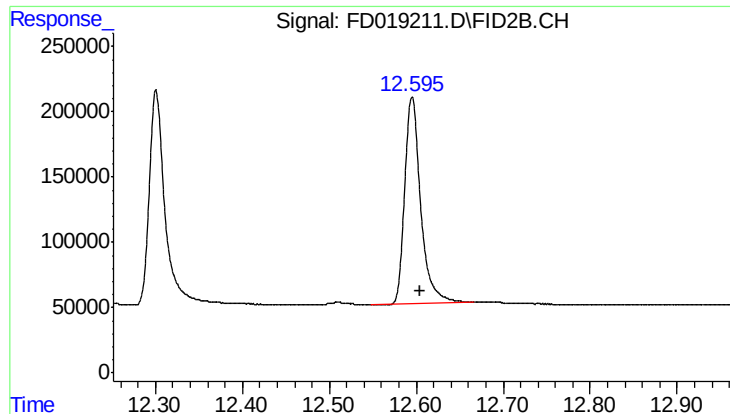
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: -0.009 min
Response: 1915496
Conc: 19.36 ug/ml



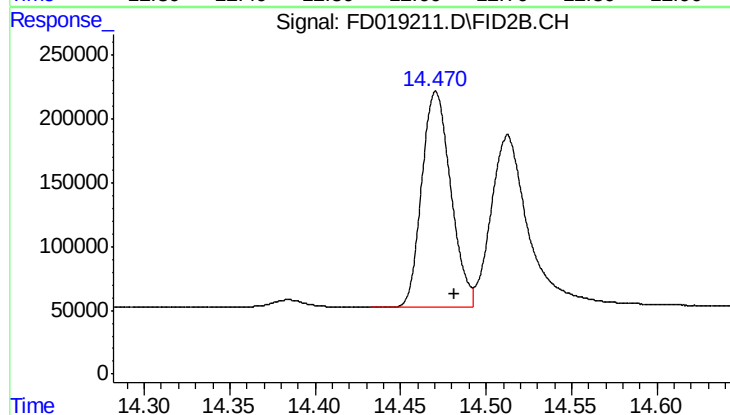
#12 Fluoranthene (C21.85)

R.T.: 12.301 min
Delta R.T.: -0.012 min
Response: 2067238
Conc: 19.50 ug/ml



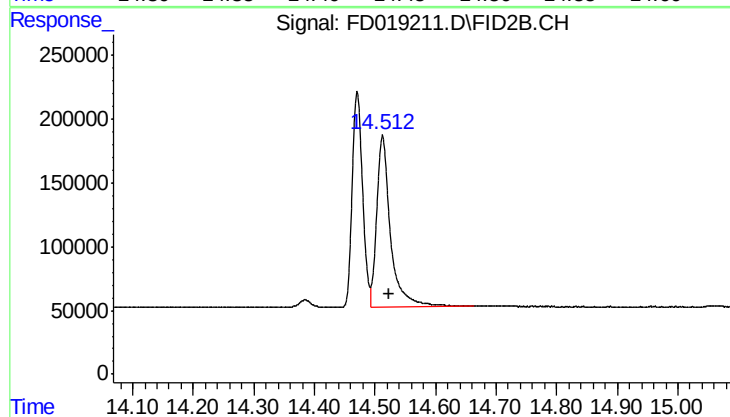
#13 Pyrene (C20.8)

R.T.: 12.595 min
Delta R.T.: -0.009 min
Response: 2024540
Conc: 19.11 ug/ml



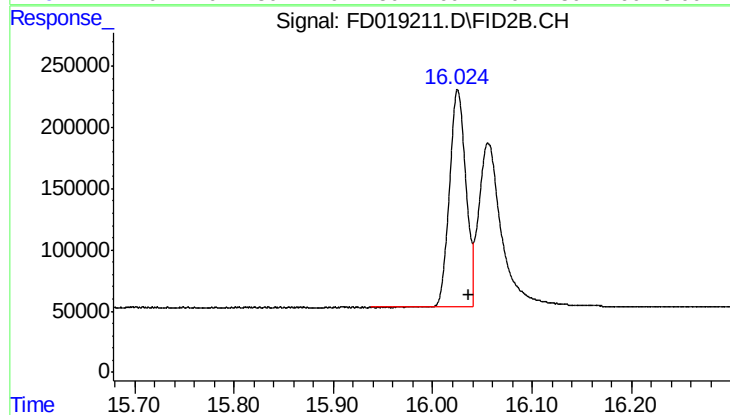
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.471 min
Delta R.T.: -0.011 min
Response: 1991440
Conc: 19.03 ug/ml



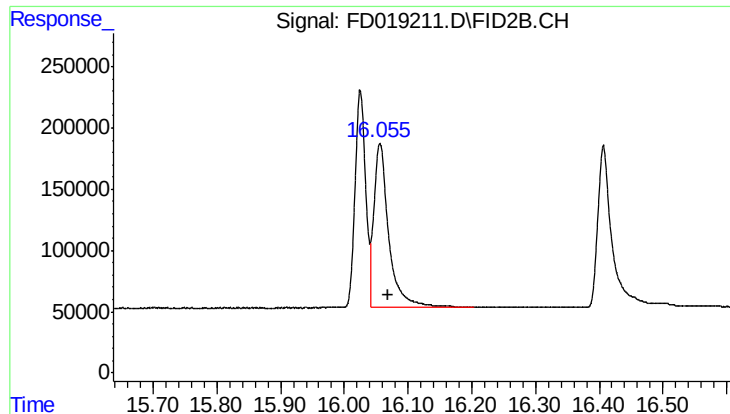
#15 Chrysene (C27.41)

R.T.: 14.513 min
Delta R.T.: -0.011 min
Response: 2123791
Conc: 19.65 ug/ml



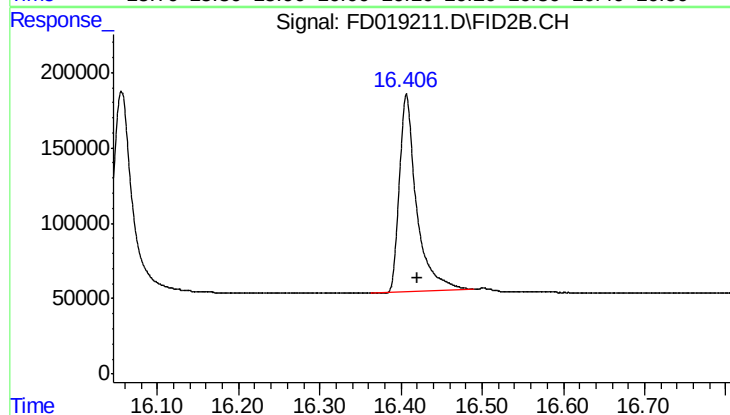
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.025 min
Delta R.T.: -0.011 min
Response: 2033233
Conc: 18.90 ug/ml



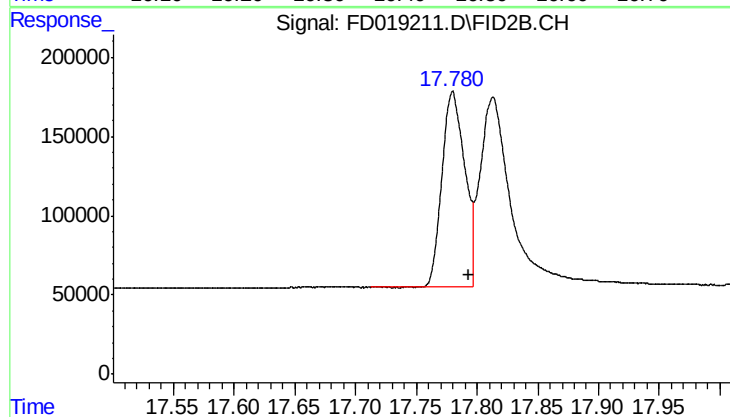
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.056 min
Delta R.T.: -0.012 min
Response: 2190789
Conc: 19.34 ug/ml



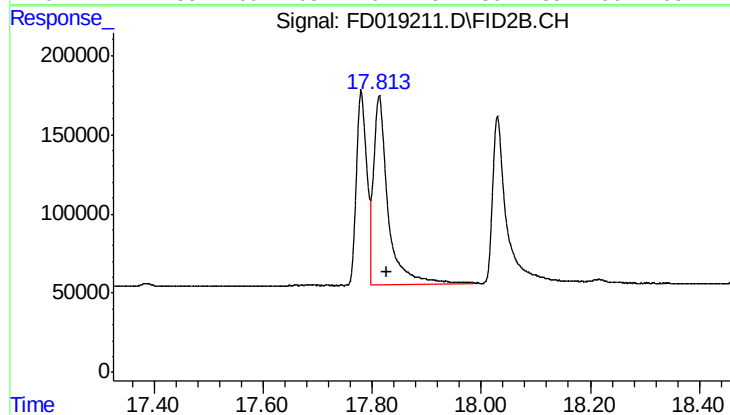
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.407 min
Delta R.T.: -0.014 min
Response: 1919837
Conc: 17.61 ug/ml



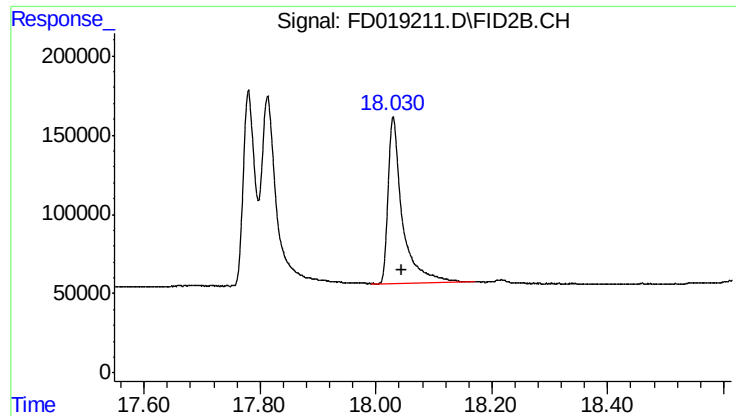
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.780 min
Delta R.T.: -0.013 min
Response: 1604646
Conc: 16.22 ug/ml



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

R.T.: 17.813 min
Delta R.T.: -0.013 min
Response: 2203556
Conc: 19.23 ug/ml



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

R.T.: 18.030 min
Delta R.T.: -0.014 min
Response: 1793970
Conc: 17.19 ug/ml