

Data Path : P:\HPCHEM1\FID_D\Data\FD012618AR\
 Data File : FD019230.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2018 15:51
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 05:56:13 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	1641112	20.282 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
6) S 2-Fluorobiphenyl (SURR)	8.226	1099473	20.101 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.20%
11) S ortho-Terphenyl (SURR)	11.251	2035563	20.575 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.173	1507853	17.033 ug/ml
2) T Naphthalene (C11.7)	5.705	1742513	19.510 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	1798853	19.594 ug/ml
5) T Acenaphthylene (C15.06)	8.022	1924972	20.301 ug/ml
7) T Acenaphthene (C15.5)	8.315	2013994	20.645 ug/ml
8) T Flouorene (C16.55)	9.097	1956548	20.589 ug/ml
9) T Phenanthrene (C19.36)	10.489	2080425	20.926 ug/ml
10) T Anthracene (C19.43)	10.565	2053799	21.120 ug/ml
12) T Fluoranthene (C21.85)	12.297	2203910	20.789 ug/ml
13) T Pyrene (C20.8)	12.591	2155805	20.352 ug/ml
14) T Benzo[a]anthracene (C...	14.466	2098398	20.050 ug/ml
15) T Chrysene (C27.41)	14.507	2261920	20.929 ug/ml
16) T benzo[b]fluoranthene ...	16.051	2347379	21.818 ug/ml
17) T Bnezo[k]fluoranthene ...	16.051	2347379	20.724 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.400	2051067	18.817 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.806	2280807	23.055 ug/ml
20) T Dibenz[a,h]anthracene...	17.806	2280807	19.900 ug/ml
21) T Benzo[g,h,i]perylene ...	18.024	1769548	16.956 ug/ml

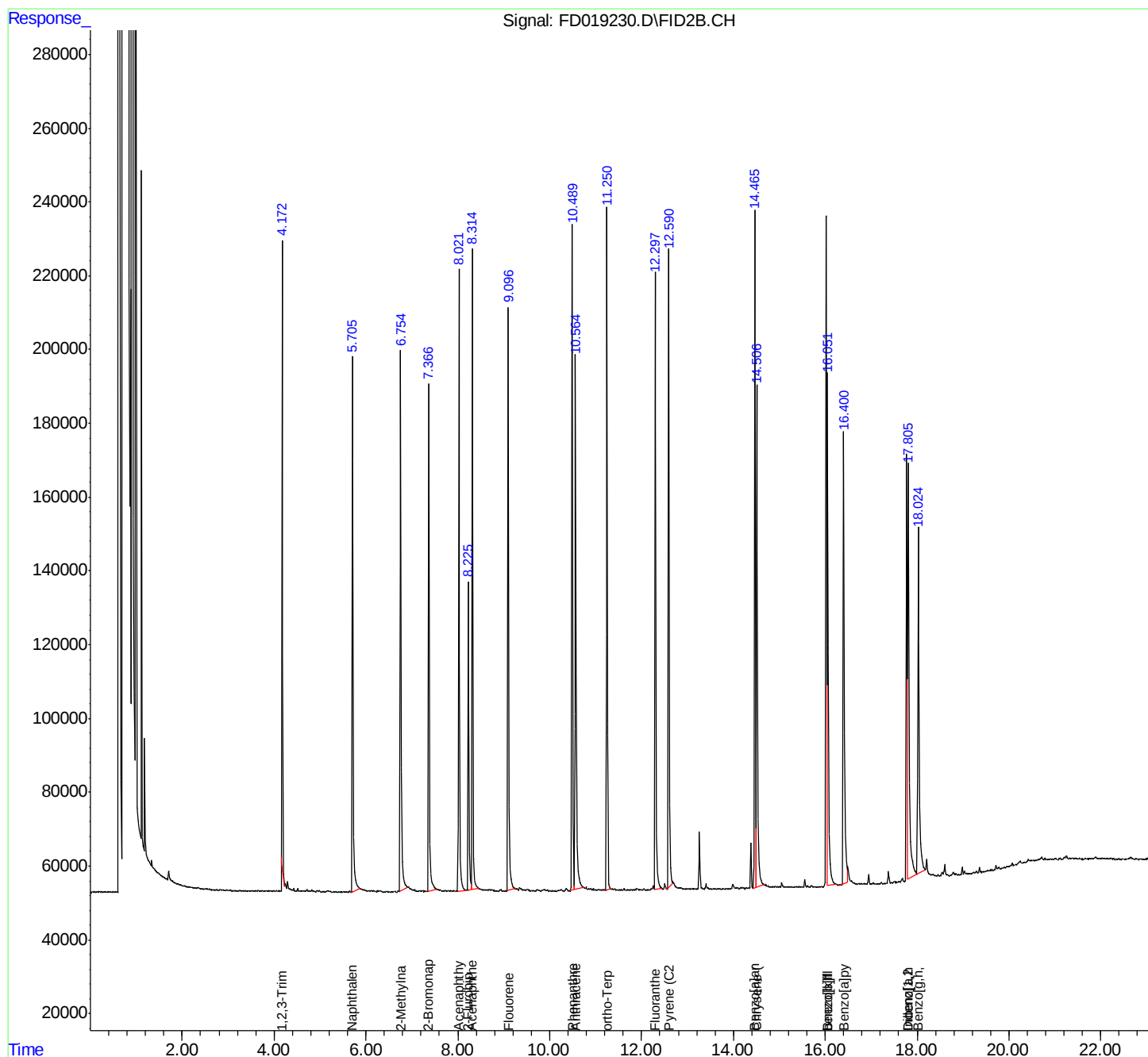
(f)=RT Delta > 1/2 Window

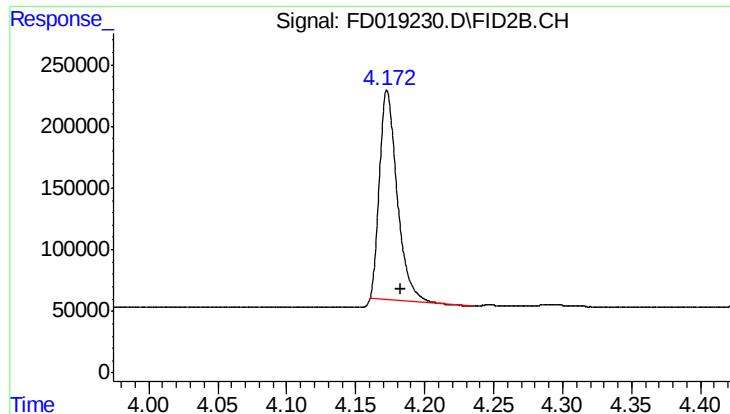
(m)=manual int.

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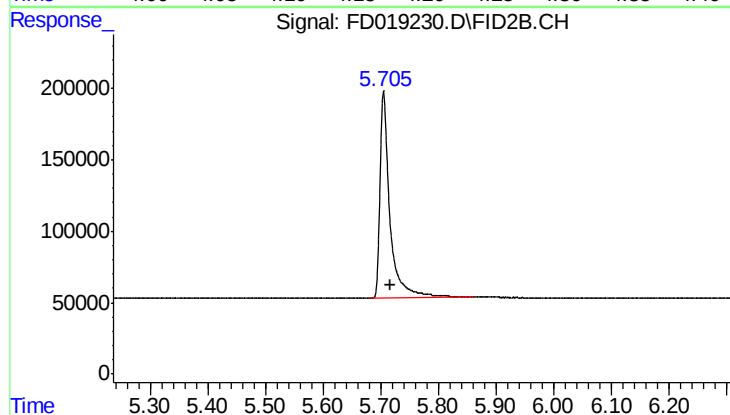
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





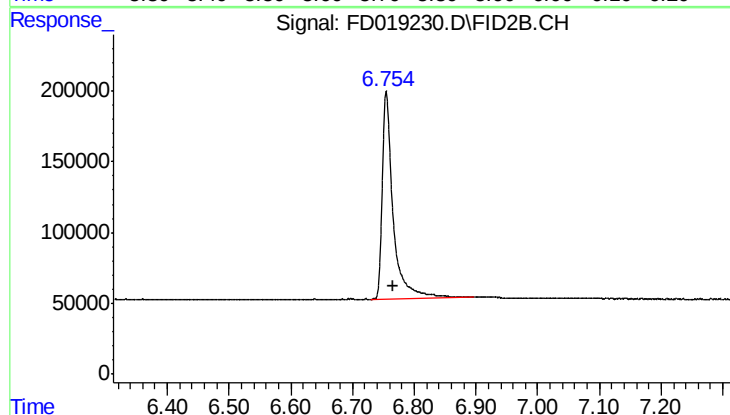
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.173 min
Delta R.T.: -0.010 min
Response: 1507853
Conc: 17.03 ug/ml



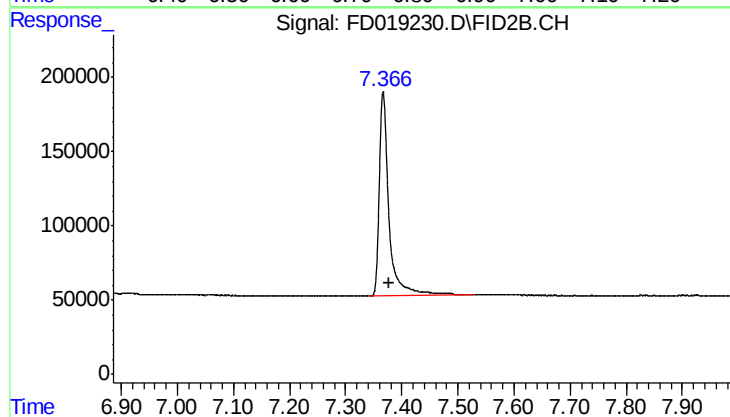
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.012 min
Response: 1742513
Conc: 19.51 ug/ml



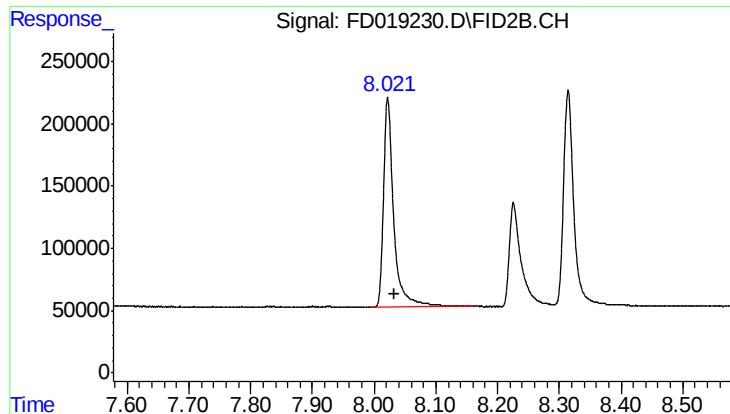
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: -0.012 min
Response: 1798853
Conc: 19.59 ug/ml



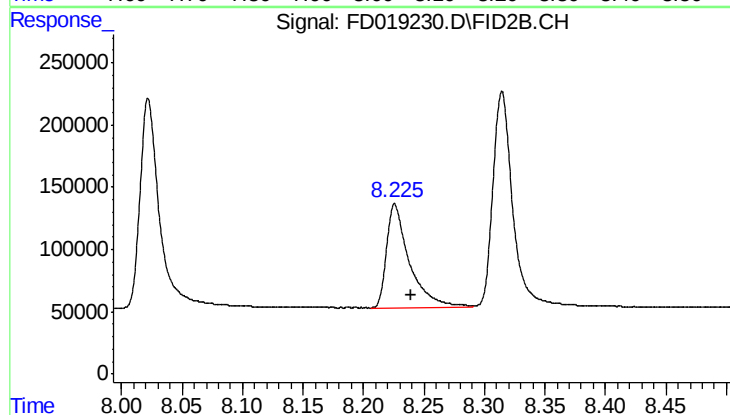
#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: -0.011 min
Response: 1641112
Conc: 20.28 ug/ml



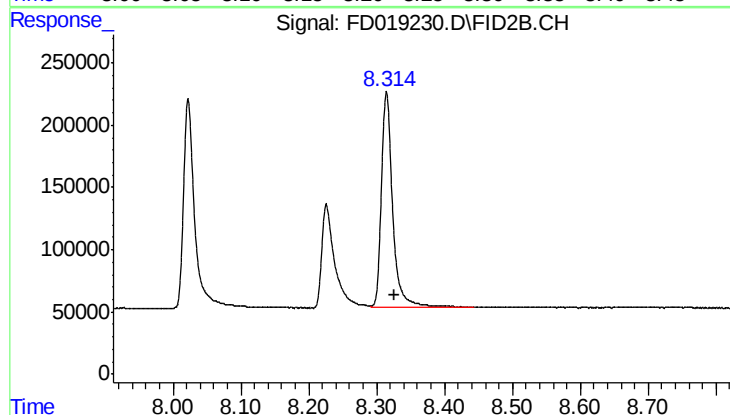
#5 Acenaphthylene (C15.06)

R.T.: 8.022 min
Delta R.T.: -0.012 min
Response: 1924972
Conc: 20.30 ug/ml



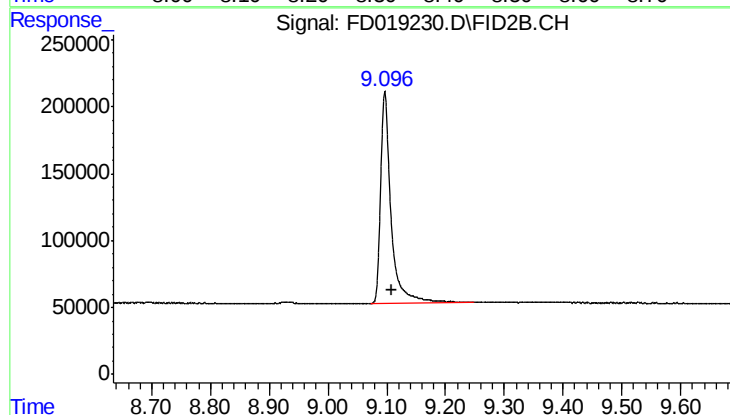
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.226 min
Delta R.T.: -0.014 min
Response: 1099473
Conc: 20.10 ug/ml



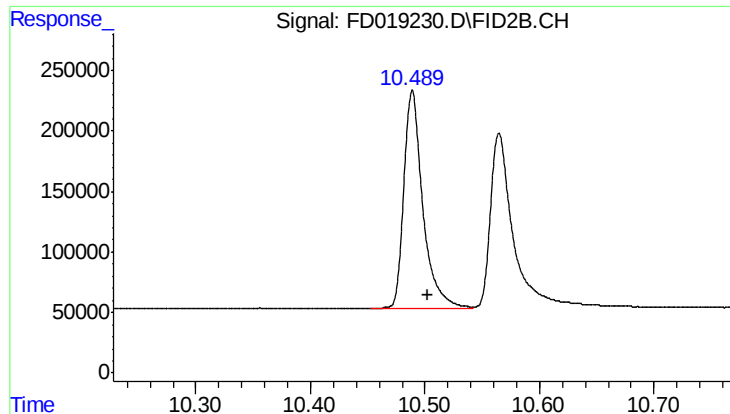
#7 Acenaphthene (C15.5)

R.T.: 8.315 min
Delta R.T.: -0.011 min
Response: 2013994
Conc: 20.65 ug/ml



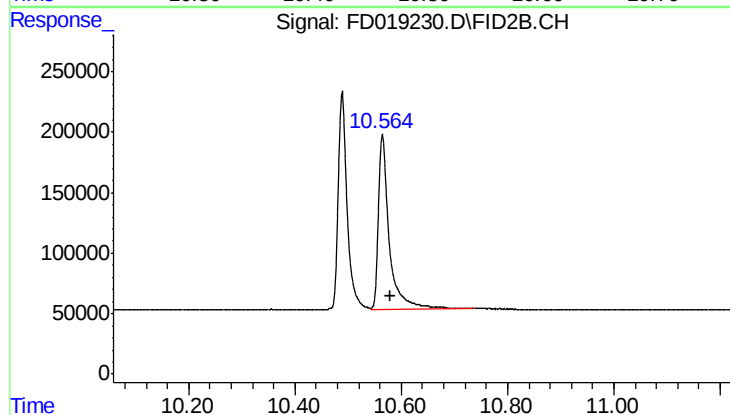
#8 Fluorene (C16.55)

R.T.: 9.097 min
Delta R.T.: -0.013 min
Response: 1956548
Conc: 20.59 ug/ml



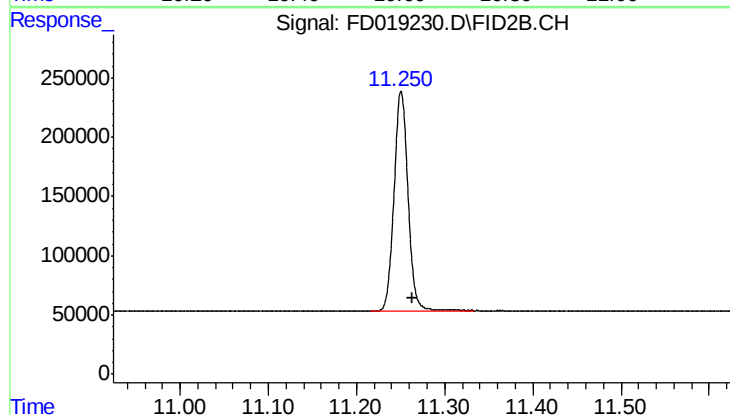
#9 Phenanthrene (C19.36)

R.T.: 10.489 min
Delta R.T.: -0.014 min
Response: 2080425
Conc: 20.93 ug/ml



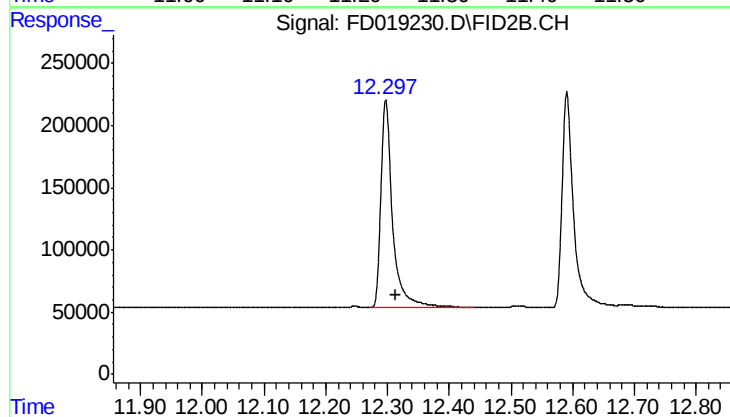
#10 Anthracene (C19.43)

R.T.: 10.565 min
Delta R.T.: -0.016 min
Response: 2053799
Conc: 21.12 ug/ml



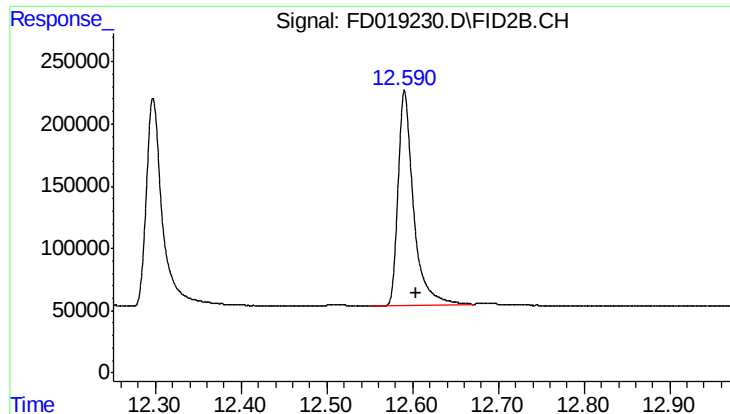
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: -0.012 min
Response: 2035563
Conc: 20.58 ug/ml



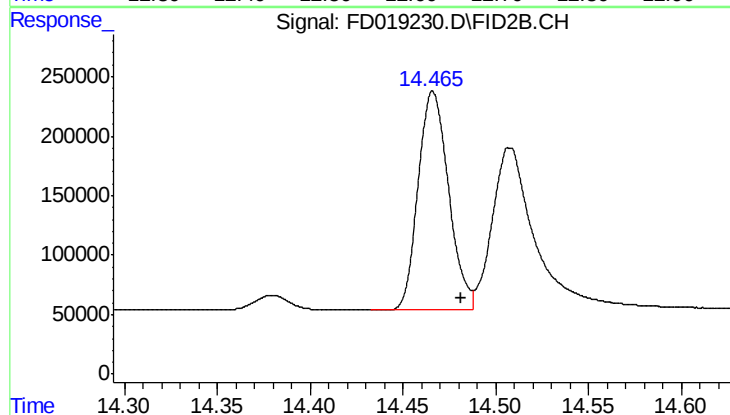
#12 Fluoranthene (C21.85)

R.T.: 12.297 min
Delta R.T.: -0.015 min
Response: 2203910
Conc: 20.79 ug/ml



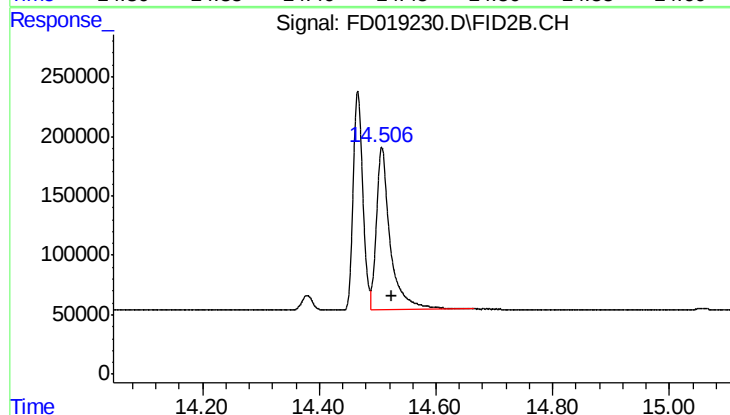
#13 Pyrene (C20.8)

R.T.: 12.591 min
Delta R.T.: -0.013 min
Response: 2155805
Conc: 20.35 ug/ml



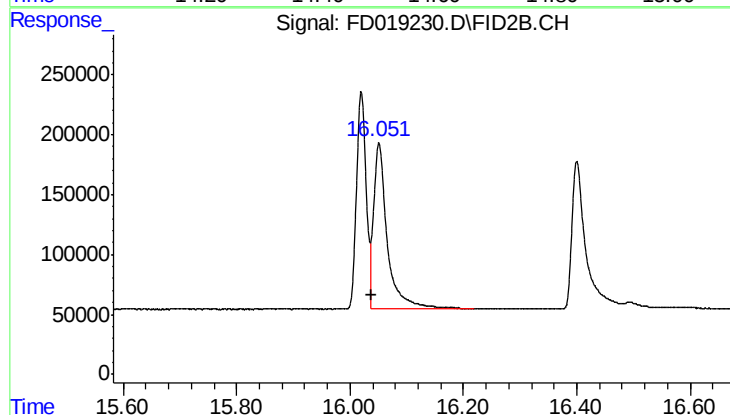
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.466 min
Delta R.T.: -0.015 min
Response: 2098398
Conc: 20.05 ug/ml



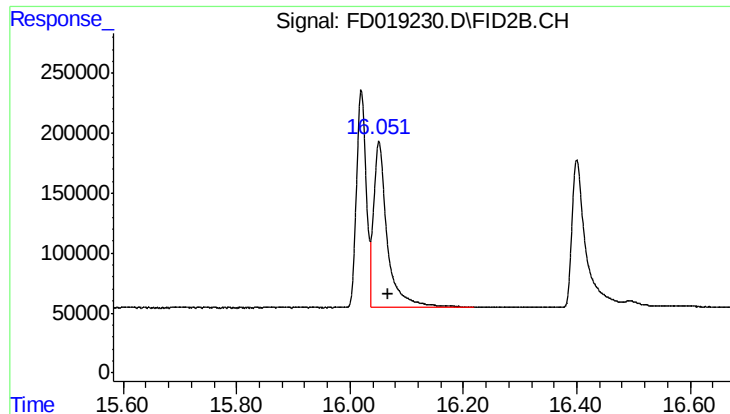
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: -0.017 min
Response: 2261920
Conc: 20.93 ug/ml



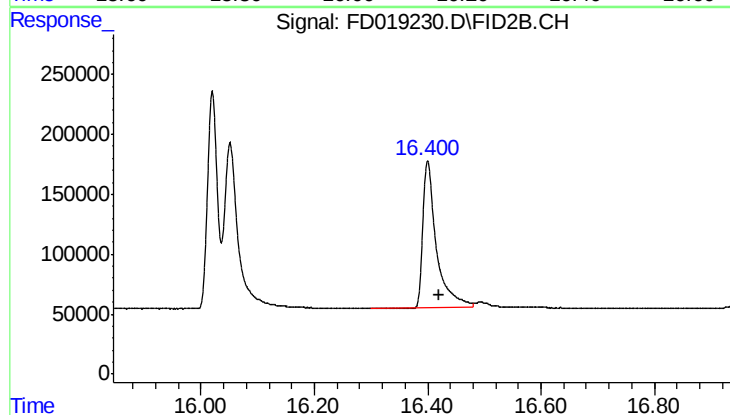
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.051 min
Delta R.T.: 0.014 min
Response: 2347379
Conc: 21.82 ug/ml



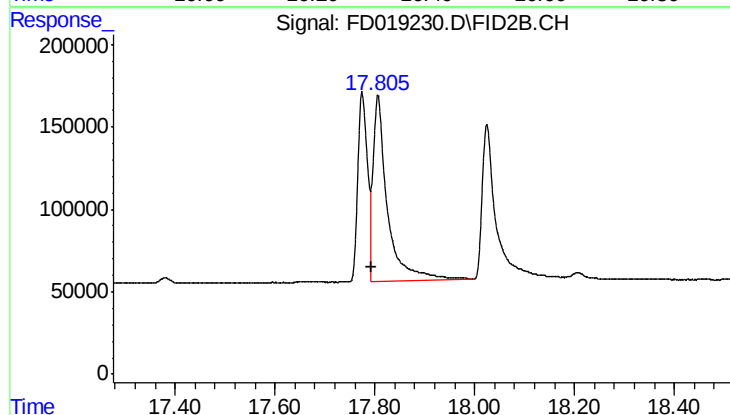
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.051 min
Delta R.T.: -0.017 min
Response: 2347379
Conc: 20.72 ug/ml



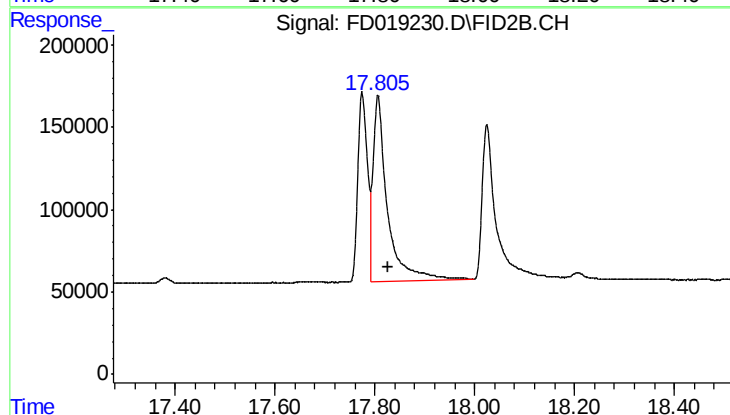
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.400 min
Delta R.T.: -0.021 min
Response: 2051067
Conc: 18.82 ug/ml



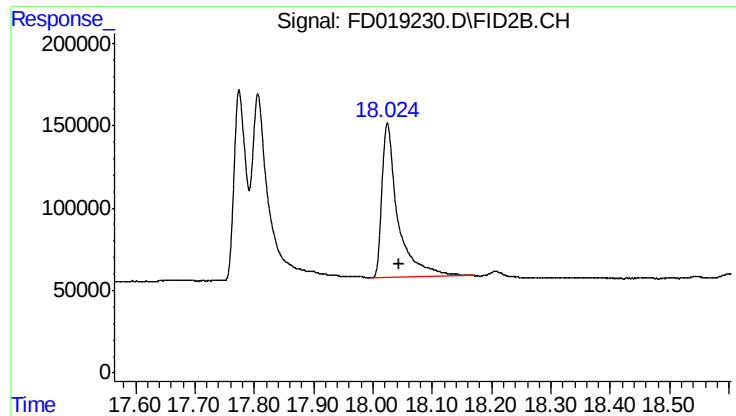
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.806 min
Delta R.T.: 0.013 min
Response: 2280807
Conc: 23.06 ug/ml



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

R.T.: 17.806 min
Delta R.T.: -0.020 min
Response: 2280807
Conc: 19.90 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.019 min
Response: 1769548
Conc: 16.96 ug/ml