Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\FID D\Data\FD113017AR\
Data File : FD018553.D
Signal(s) : FID2B.CH
Acq On : 01 Dec 2017 4:40
Operator : UA/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Feb 15 16:22:27 2018
Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 111417.M
Quant Title : GC Extractables
QLast Update : Wed Nov 15 06:39:34 2017
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...	7.417	1622520	15.454 ug/ml
Spiked Amount 50.000		Recovery =	30.91%
6) S 2-Flurobiphenyl (SURR)	8.276	1121720	16.296 ug/ml
Spiked Amount 50.000 Range	0 - 131	Recovery =	32.59%
11) S ortho-Terphenyl (SURR)	11.308	1872124	16.098 ug/ml
Spiked Amount 50.000		Recovery =	32.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	1712891	13.541 ug/ml
2) T Naphthalene (C11.7)	5.755	1772764	14.548 ug/ml
3) T 2-Methylnaphthalene (...	6.806	1842795	15.340 ug/ml
5) T Acenaphthylene (C15.06)	8.075	1881782	16.579 ug/ml
7) T Acenaphthene (C15.5)	8.369	1921733	16.586 ug/ml
8) T Flouorene (C16.55)	9.151	1862653	16.491 ug/ml
9) T Phenanthrene (C19.36)	10.543	1892032	16.199 ug/ml
10) T Anthracene (C19.43)	10.619	1783338	15.752 ug/ml
12) T Fluoranthene (C21.85)	12.353	1852705	14.805 ug/ml
13) T Pyrene (C20.8)	12.647	1861819	14.774 ug/ml
14) T Benzo[a]anthracene (C...	14.521	1799548	14.174 ug/mlm
15) T Chrysene (C27.41)	14.563	1829791	14.547 ug/ml
16) T benzo[b]fluoranthene ...	16.074	2113143	16.107 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.106	2175791	16.636 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	2129187	16.475 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.826	2192100	17.177 ug/mlm
20) T Dibenz[a,h]anthracene...	17.860	2298217	17.820 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	2267754	17.670 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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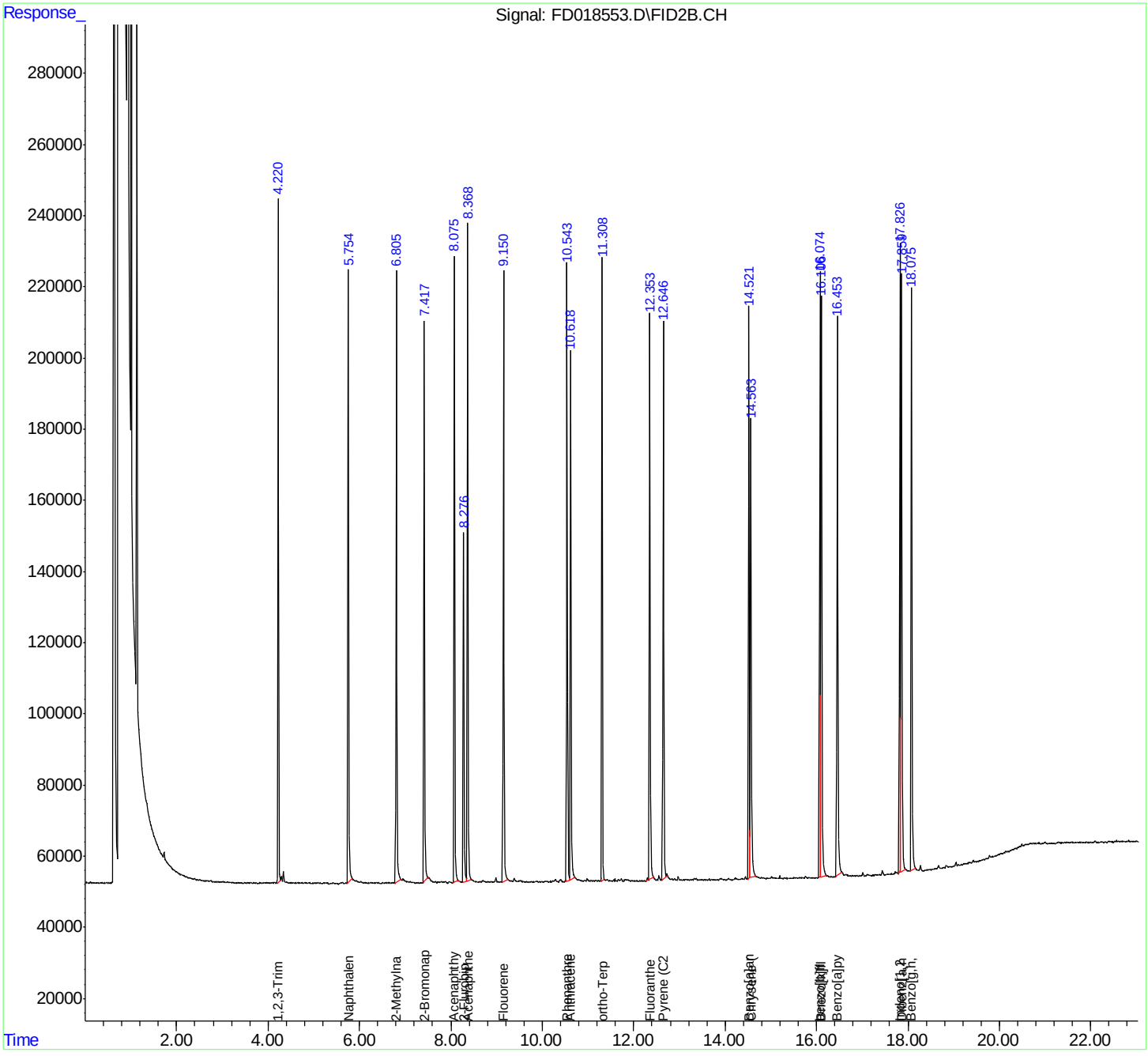
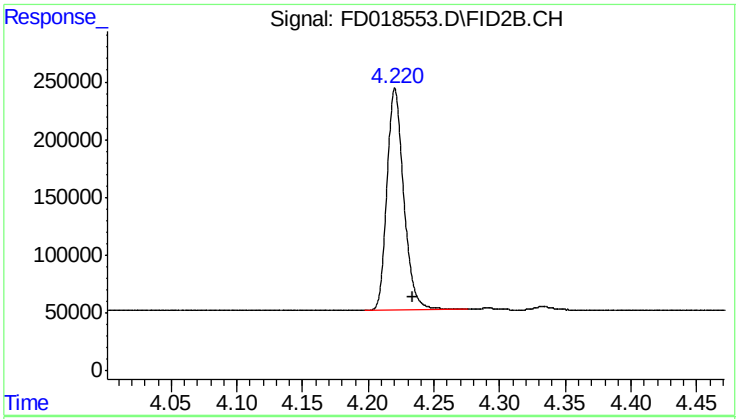
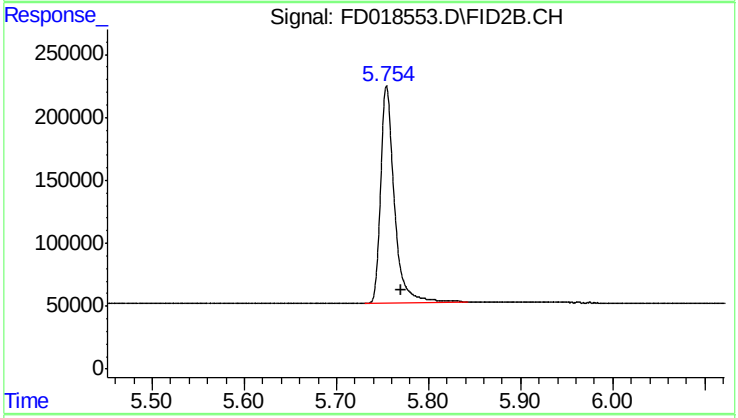




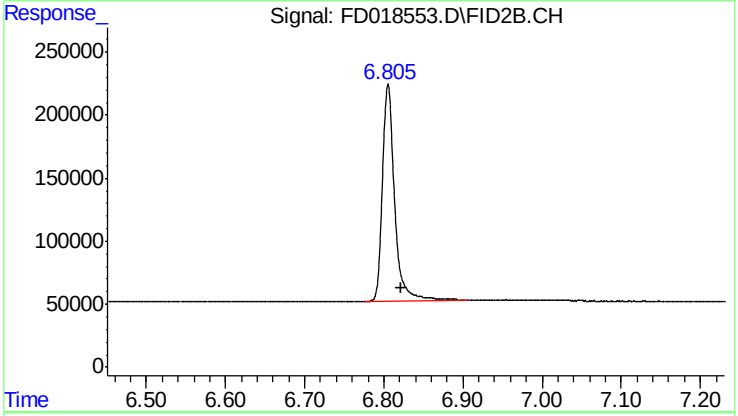
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.220 min
Delta R.T.: -0.014 min
Response: 1712891
Conc: 13.54 ug/ml



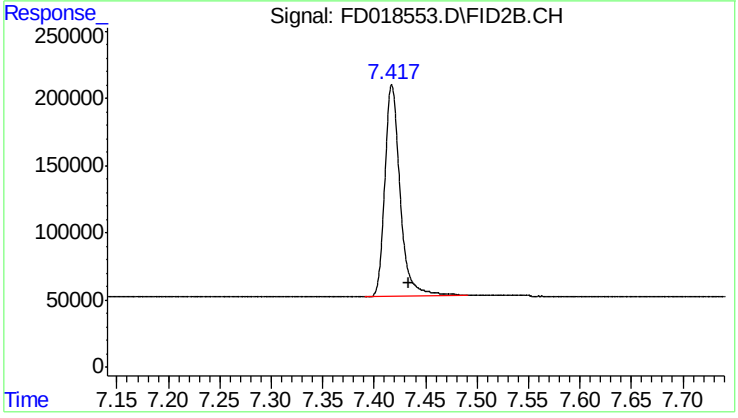
#2 Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: -0.016 min
Response: 1772764
Conc: 14.55 ug/ml



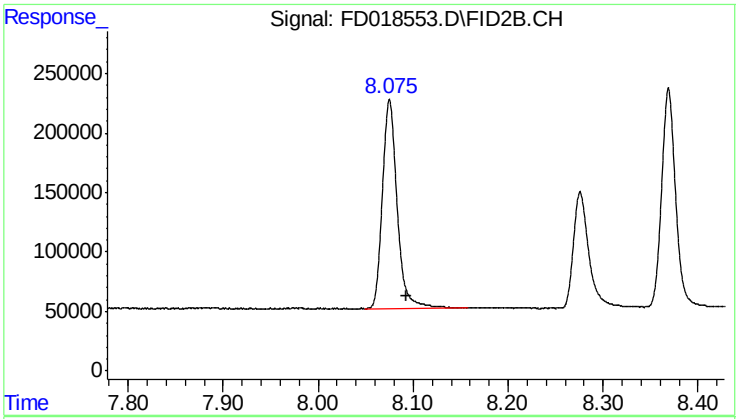
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.806 min
Delta R.T.: -0.016 min
Response: 1842795
Conc: 15.34 ug/ml



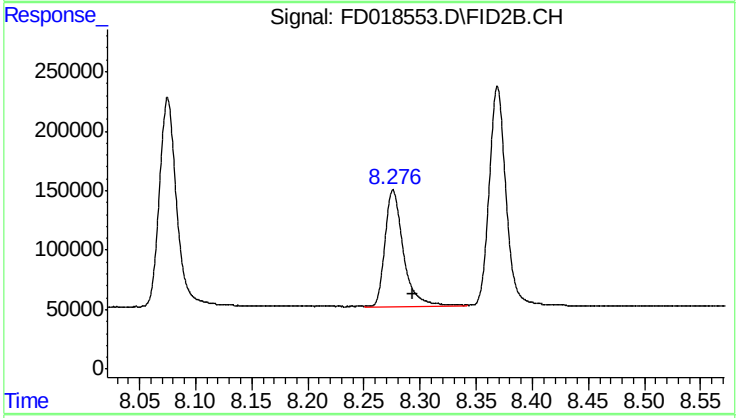
#4 2-Bromonaphthalene (SURR)

R.T.: 7.417 min
Delta R.T.: -0.017 min
Response: 1622520
Conc: 15.45 ug/ml



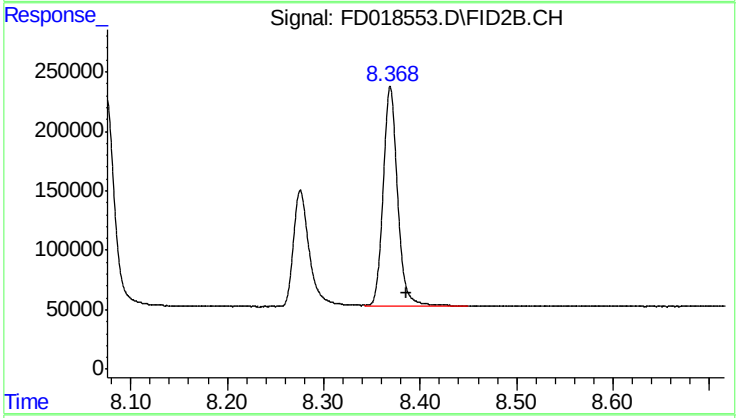
#5 Acenaphthylene (C15.06)

R.T.: 8.075 min
Delta R.T.: -0.018 min
Response: 1881782
Conc: 16.58 ug/ml



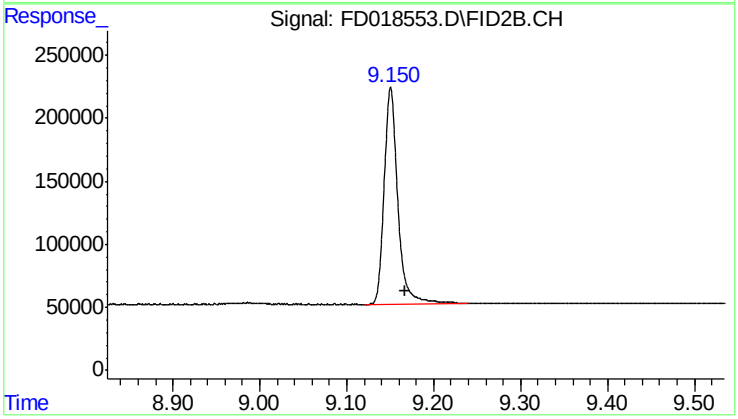
#6 2-Flurobiphenyl (SURR)

R.T.: 8.276 min
Delta R.T.: -0.017 min
Response: 1121720
Conc: 16.30 ug/ml



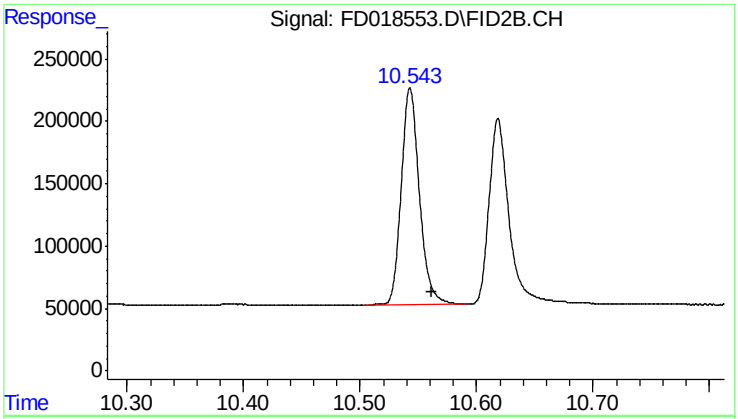
#7 Acenaphthene (C15.5)

R.T.: 8.369 min
Delta R.T.: -0.017 min
Response: 1921733
Conc: 16.59 ug/ml



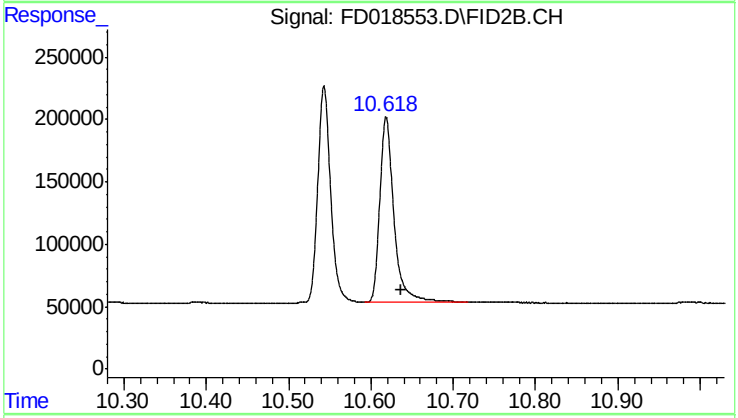
#8 Flouorene (C16.55)

R.T.: 9.151 min
Delta R.T.: -0.017 min
Response: 1862653
Conc: 16.49 ug/ml



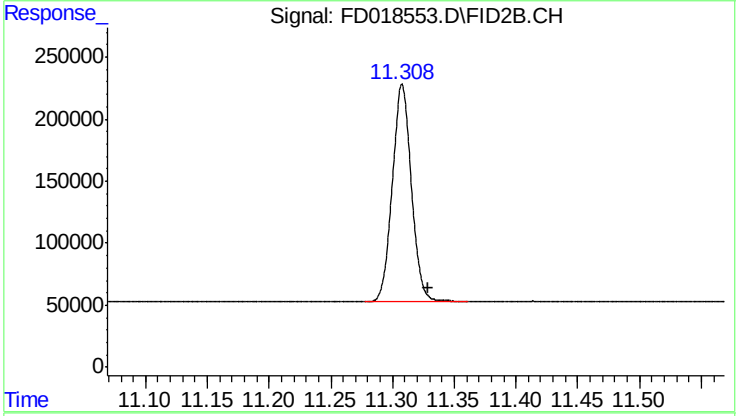
#9 Phenanthrene (C19.36)

R.T.: 10.543 min
Delta R.T.: -0.018 min
Response: 1892032
Conc: 16.20 ug/ml



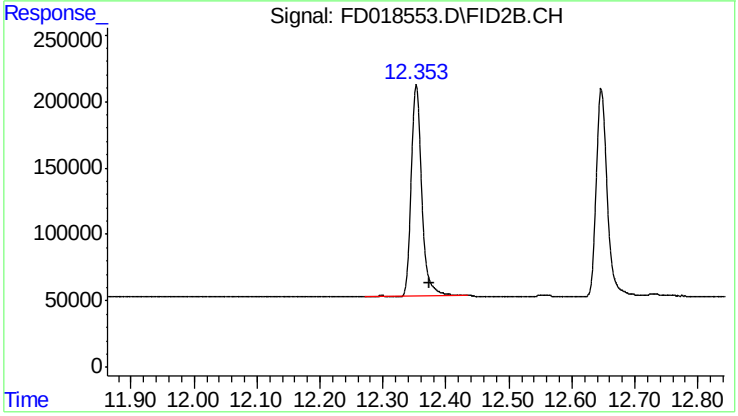
#10 Anthracene (C19.43)

R.T.: 10.619 min
Delta R.T.: -0.018 min
Response: 1783338
Conc: 15.75 ug/ml



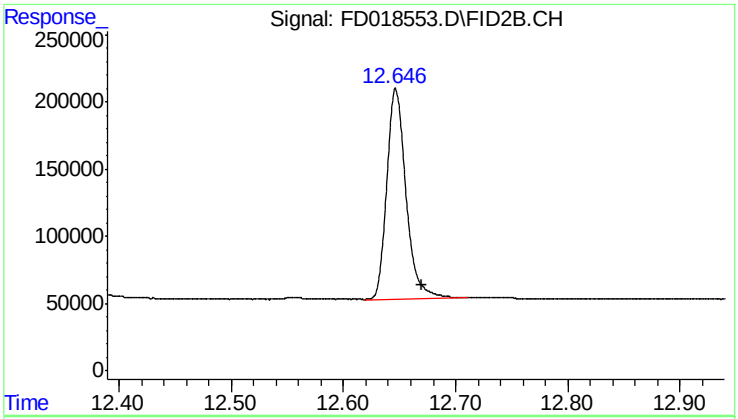
#11 ortho-Terphenyl (SURR)

R.T.: 11.308 min
Delta R.T.: -0.021 min
Response: 1872124
Conc: 16.10 ug/ml



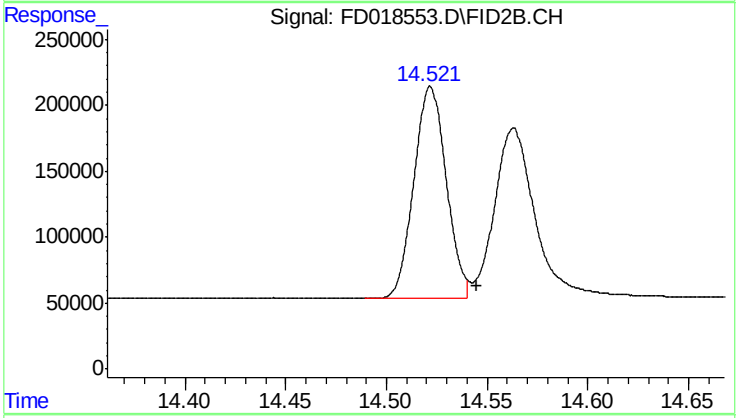
#12 Fluoranthene (C21.85)

R.T.: 12.353 min
Delta R.T.: -0.021 min
Response: 1852705
Conc: 14.81 ug/ml



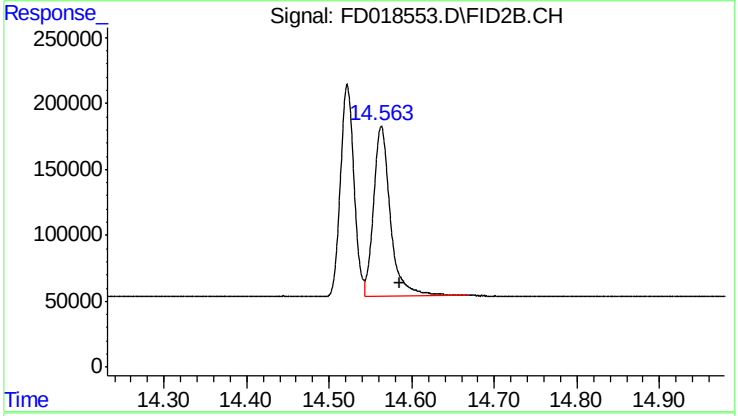
#13 Pyrene (C20.8)

R.T.: 12.647 min
Delta R.T.: -0.023 min
Response: 1861819
Conc: 14.77 ug/ml



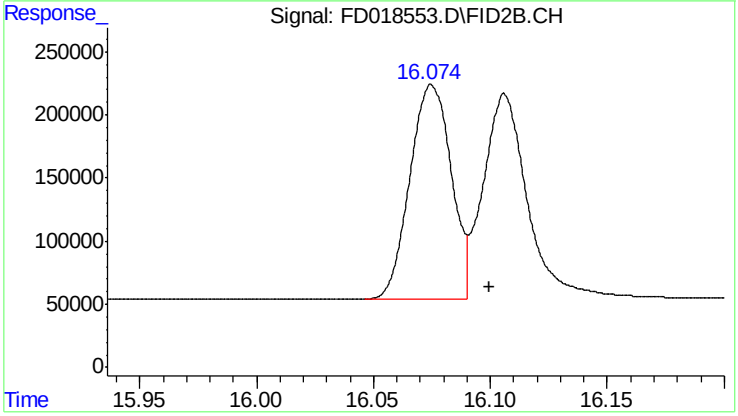
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.521 min
Delta R.T.: -0.024 min
Response: 1799548
Conc: 14.17 ug/ml m



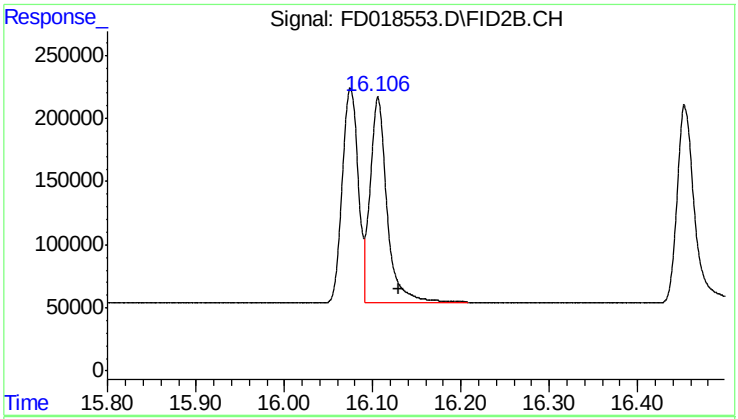
#15 Chrysene (C27.41)

R.T.: 14.563 min
Delta R.T.: -0.023 min
Response: 1829791
Conc: 14.55 ug/ml



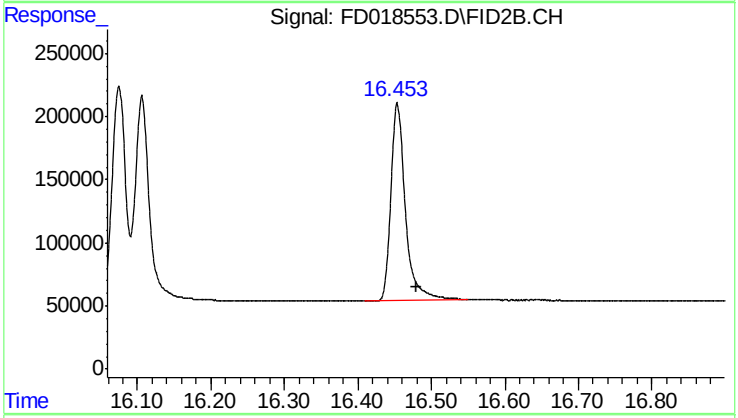
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.074 min
Delta R.T.: -0.025 min
Response: 2113143
Conc: 16.11 ug/ml m



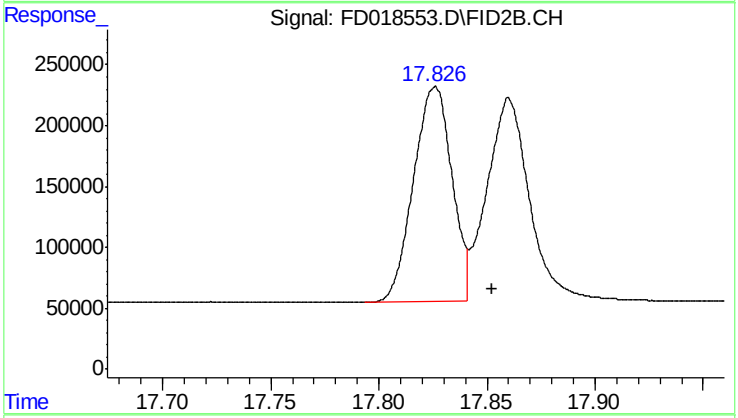
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.106 min
Delta R.T.: -0.024 min
Response: 2175791
Conc: 16.64 ug/ml



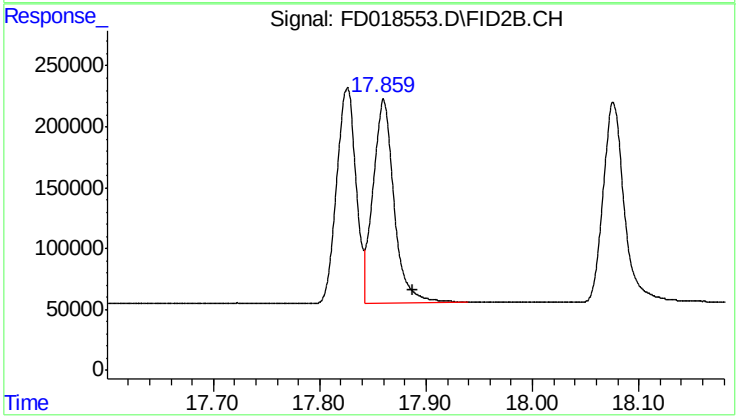
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min
Delta R.T.: -0.026 min
Response: 2129187
Conc: 16.47 ug/ml



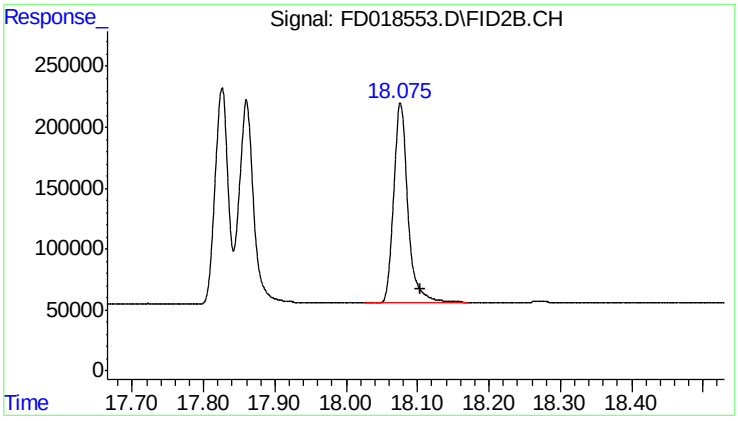
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.826 min
Delta R.T.: -0.026 min
Response: 2192100
Conc: 17.18 ug/ml m



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

R.T.: 17.860 min
Delta R.T.: -0.027 min
Response: 2298217
Conc: 17.82 ug/ml



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

R.T.:	18.076 min
Delta R.T.:	-0.028 min
Response:	2267754
Conc:	17.67 ug/ml