

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD073118AR\
 Data File : FD025260.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jul 2018 9:54
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 01 08:22:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 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...	7.443	1556163	20.159 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
6) S 2-Fluorobiphenyl (SURR)	8.295	1083334	20.148 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.30%
11) S ortho-Terphenyl (SURR)	11.340	1717831	20.242 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.243	1569781	20.099 ug/ml
2) T Naphthalene (C11.7)	5.778	1749530	20.308 ug/ml
3) T 2-Methylnaphthalene (...)	6.829	1740641	20.245 ug/ml
5) T Acenaphthylene (C15.06)	8.100	1717598	20.222 ug/ml
7) T Acenaphthene (C15.5)	8.395	1792344	20.130 ug/ml
8) T Fluorene (C16.55)	9.174	1777380	19.957 ug/ml
9) T Phenanthrene (C19.36)	10.564	1786556	19.947 ug/ml
10) T Anthracene (C19.43)	10.637	1748544	19.857 ug/ml
12) T Fluoranthene (C21.85)	12.370	1791564	20.391 ug/ml
13) T Pyrene (C20.8)	12.664	1805056	20.540 ug/ml
14) T Benzo[alanthracene (C...	14.533	1791584	21.481 ug/ml
15) T Chrysene (C27.41)	14.574	1808926	21.473 ug/ml
16) T benzo[b]fluoranthene ...	16.078	1889619	21.003 ug/ml
17) T Benzo[k]fluoranthene ...	16.110	1886314	20.951 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	1889341	20.526 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.815	1859038	19.704 ug/ml
20) T Dibenz[a,h]anthracene...	17.857	1800511	19.675 ug/ml
21) T Benzo[a,h,i]perylene ...	18.068	1919824	19.818 ug/ml

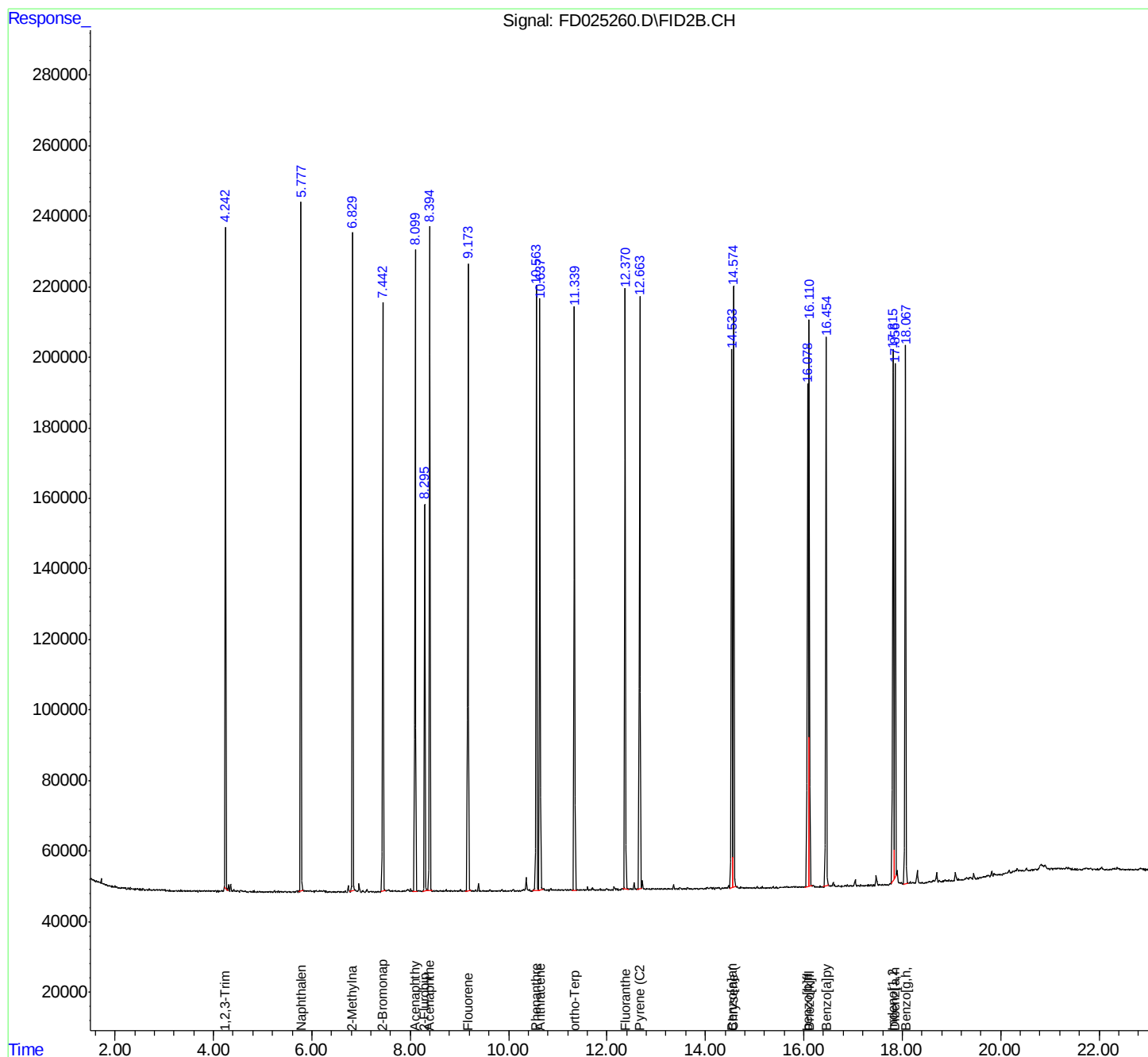
(f)=RT Delta > 1/2 Window

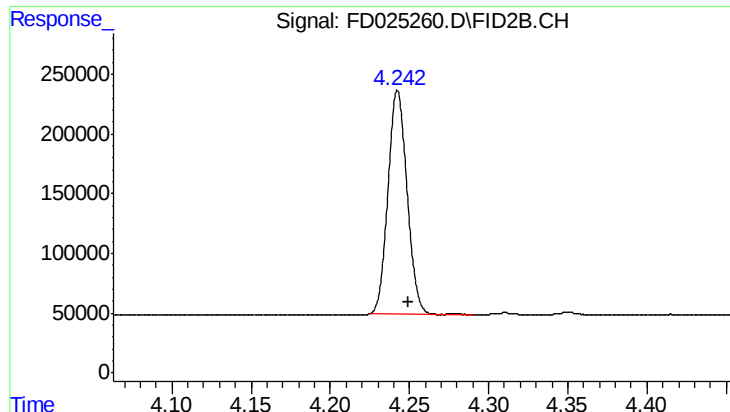
(m)=manual int.

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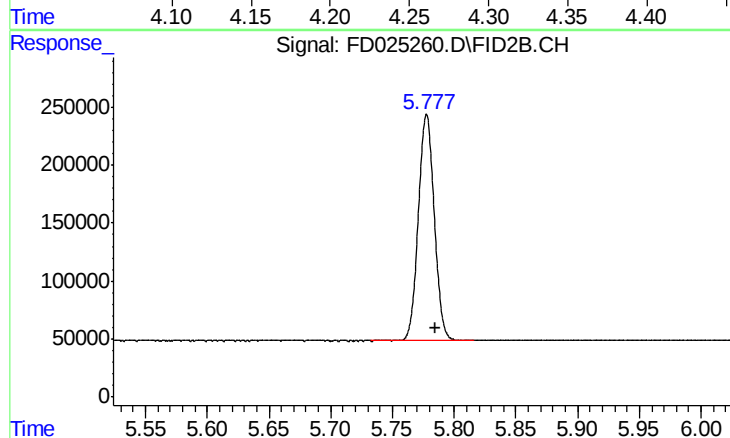
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





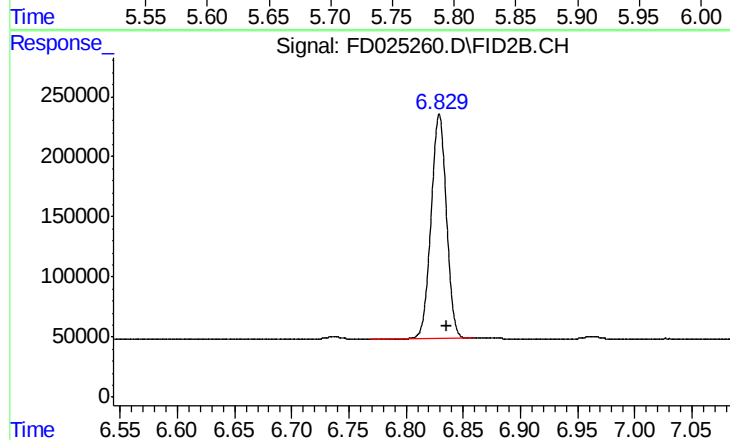
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.243 min
Delta R.T.: -0.007 min
Response: 1569781
Conc: 20.10 ug/ml



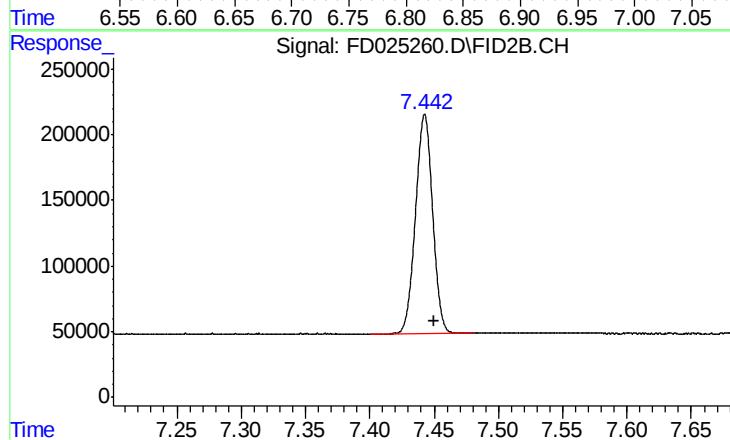
#2 Naphthalene (C11.7)

R.T.: 5.778 min
Delta R.T.: -0.007 min
Response: 1749530
Conc: 20.31 ug/ml



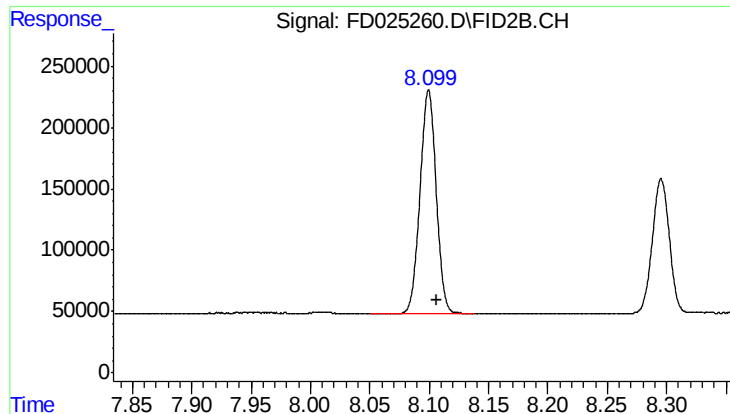
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.829 min
Delta R.T.: -0.007 min
Response: 1740641
Conc: 20.24 ug/ml



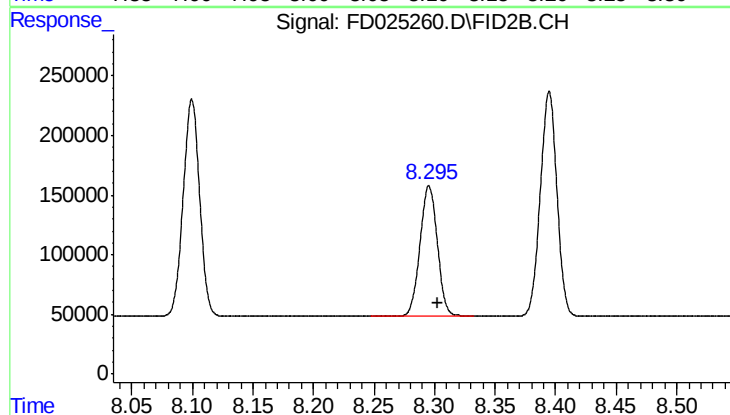
#4 2-Bromonaphthalene (SURR)

R.T.: 7.443 min
Delta R.T.: -0.007 min
Response: 1556163
Conc: 20.16 ug/ml



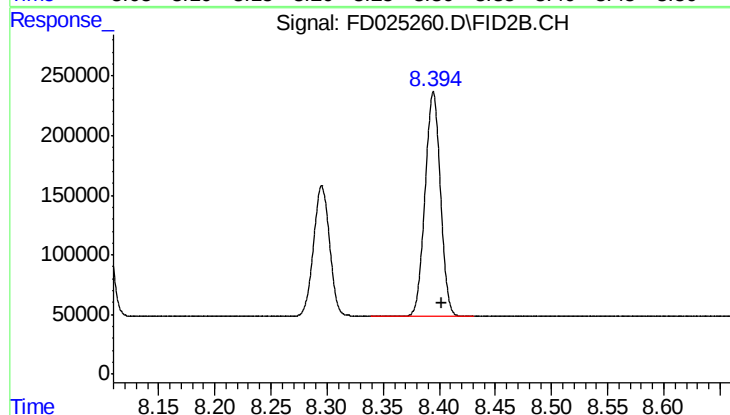
#5 Acenaphthylene (C15.06)

R.T.: 8.100 min
Delta R.T.: -0.006 min
Response: 1717598
Conc: 20.22 ug/ml



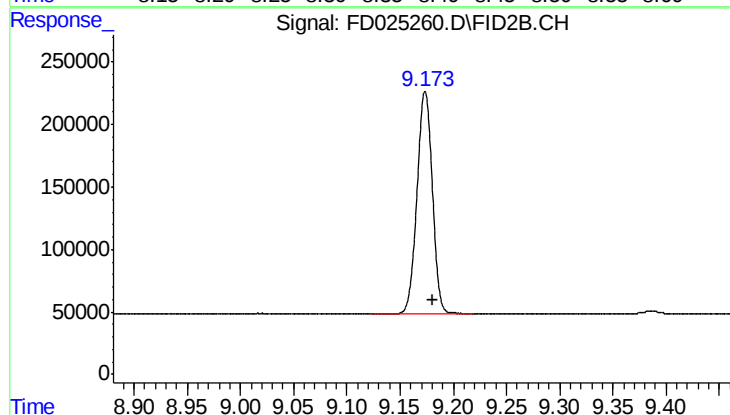
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.295 min
Delta R.T.: -0.007 min
Response: 1083334
Conc: 20.15 ug/ml



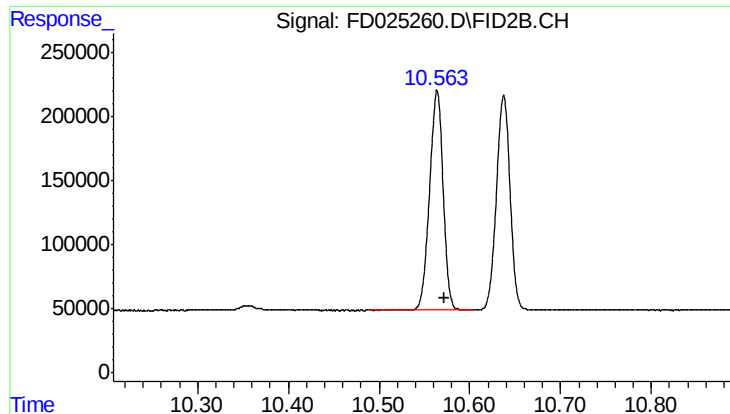
#7 Acenaphthene (C15.5)

R.T.: 8.395 min
Delta R.T.: -0.007 min
Response: 1792344
Conc: 20.13 ug/ml



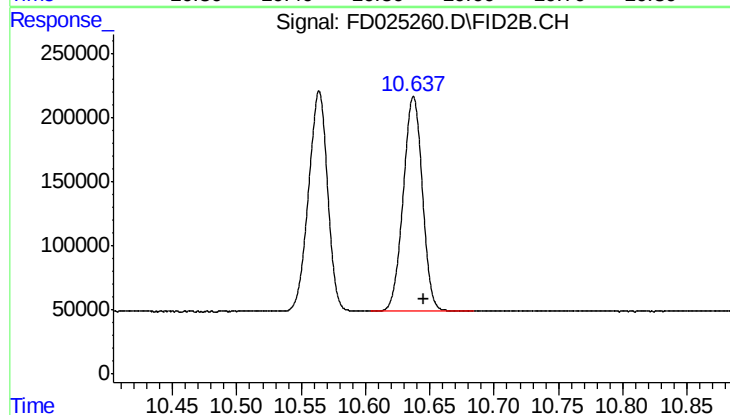
#8 Fluorene (C16.55)

R.T.: 9.174 min
Delta R.T.: -0.007 min
Response: 1777380
Conc: 19.96 ug/ml



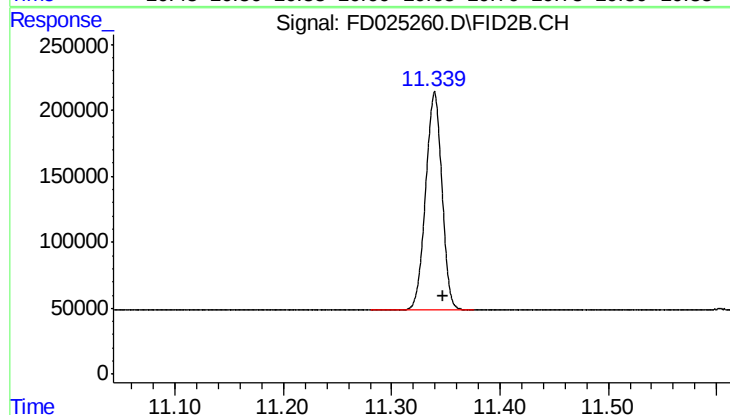
#9 Phenanthrene (C19.36)

R.T.: 10.564 min
Delta R.T.: -0.008 min
Response: 1786556
Conc: 19.95 ug/ml



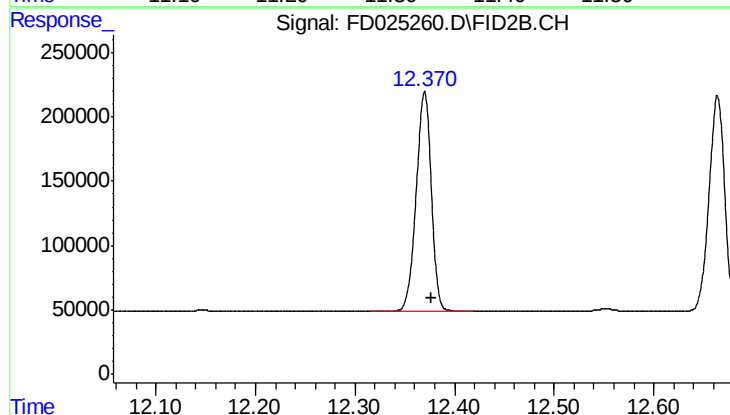
#10 Anthracene (C19.43)

R.T.: 10.637 min
Delta R.T.: -0.008 min
Response: 1748544
Conc: 19.86 ug/ml



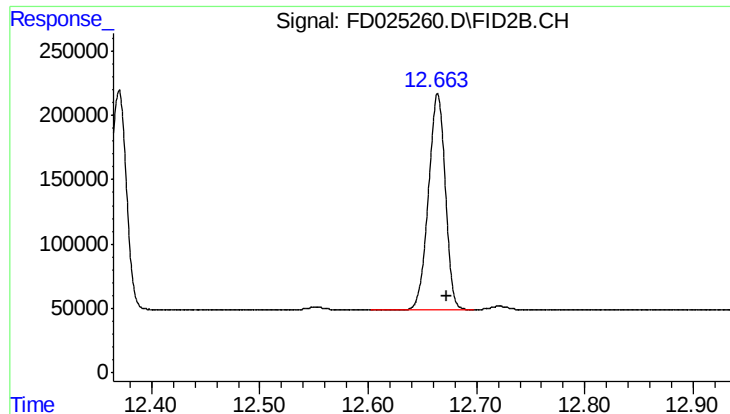
#11 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: -0.008 min
Response: 1717831
Conc: 20.24 ug/ml



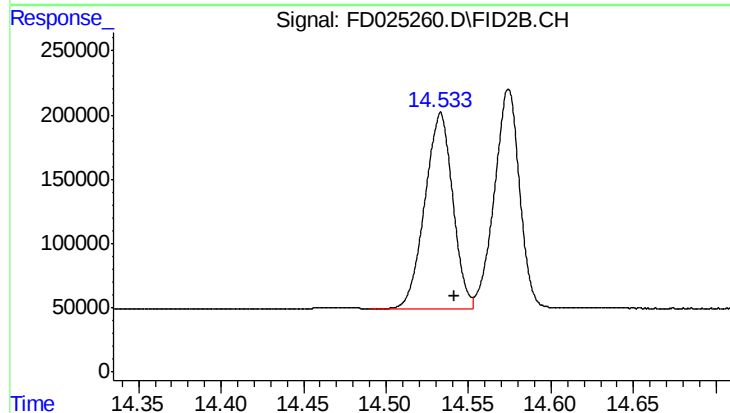
#12 Fluoranthene (C21.85)

R.T.: 12.370 min
Delta R.T.: -0.007 min
Response: 1791564
Conc: 20.39 ug/ml



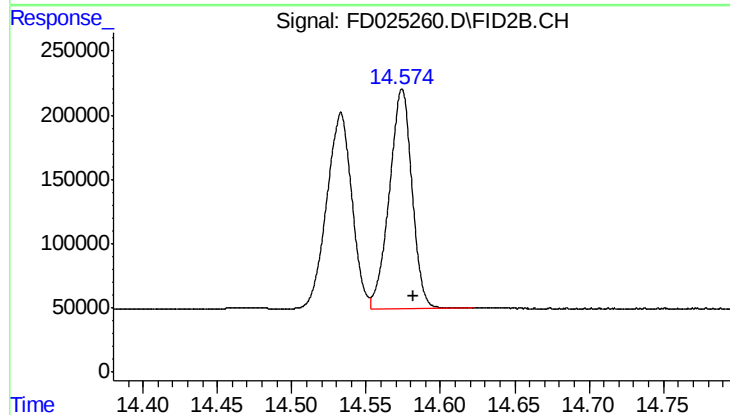
#13 Pyrene (C20.8)

R.T.: 12.664 min
Delta R.T.: -0.008 min
Response: 1805056
Conc: 20.54 ug/ml



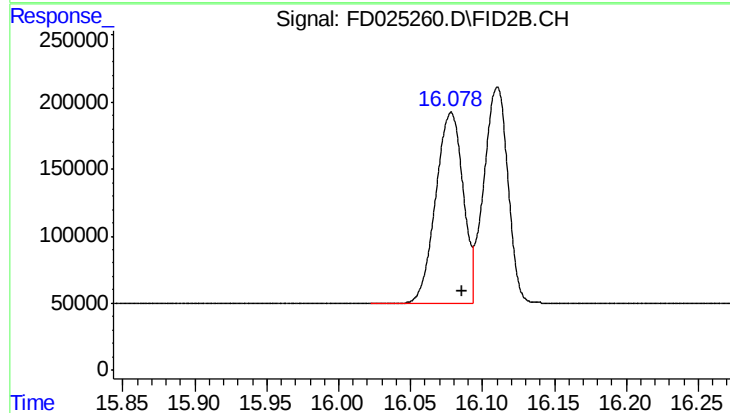
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.533 min
Delta R.T.: -0.008 min
Response: 1791584
Conc: 21.48 ug/ml



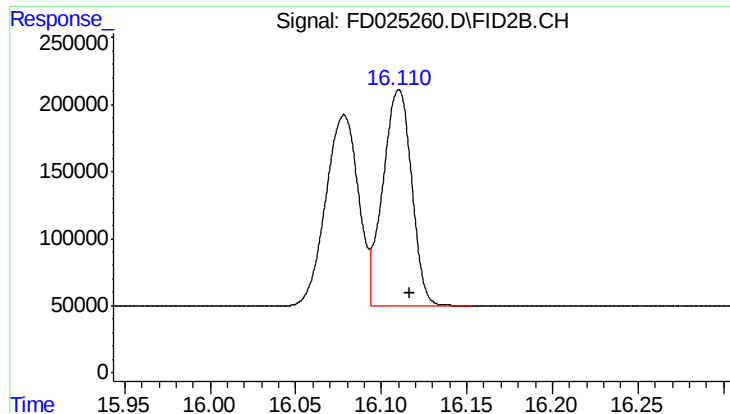
#15 Chrysene (C27.41)

R.T.: 14.574 min
Delta R.T.: -0.008 min
Response: 1808926
Conc: 21.47 ug/ml



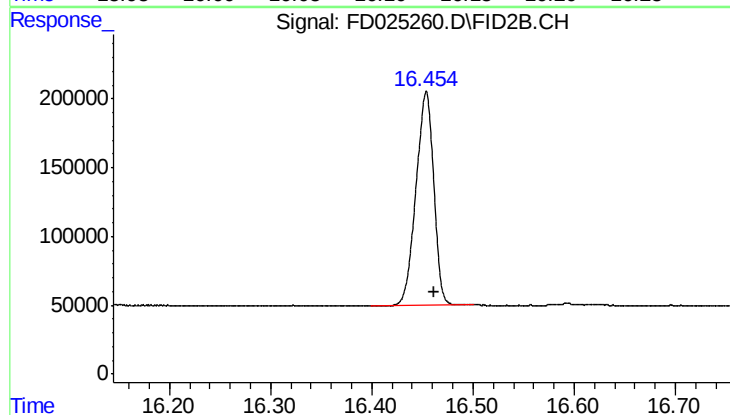
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.078 min
Delta R.T.: -0.008 min
Response: 1889619
Conc: 21.00 ug/ml



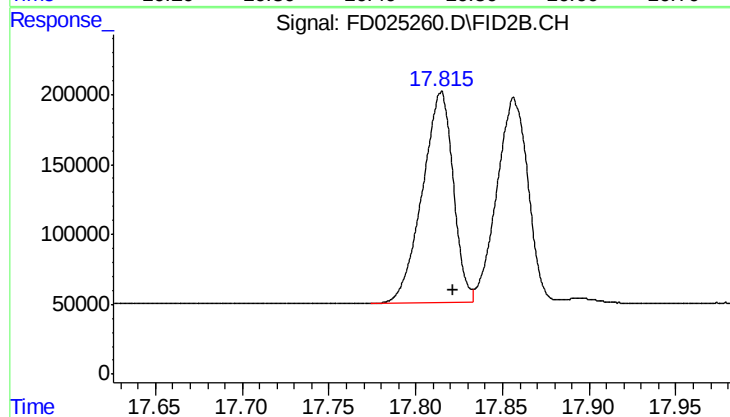
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.110 min
Delta R.T.: -0.006 min
Response: 1886314
Conc: 20.95 ug/ml



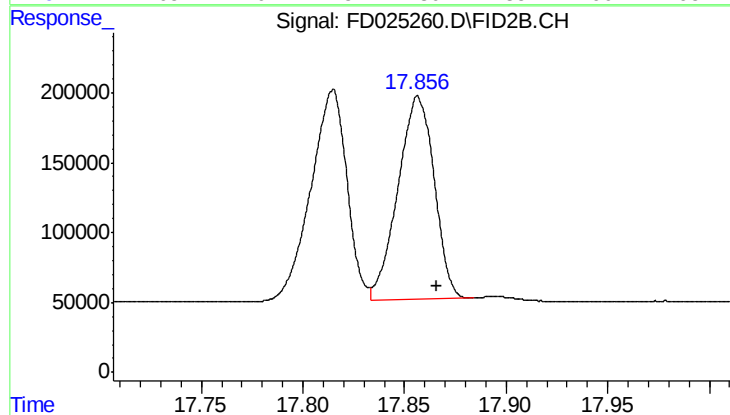
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min
Delta R.T.: -0.007 min
Response: 1889341
Conc: 20.53 ug/ml



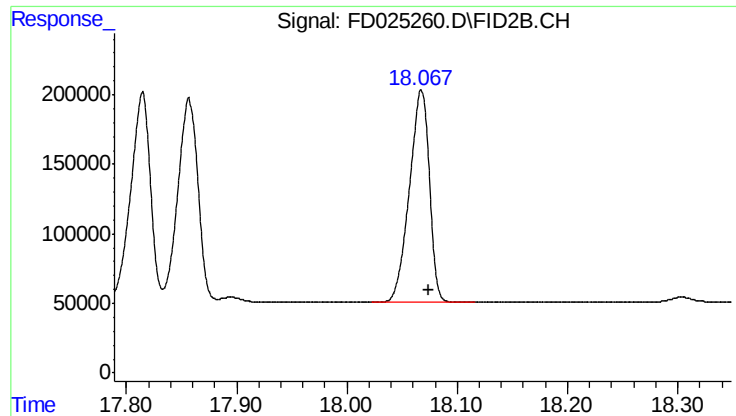
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.815 min
Delta R.T.: -0.007 min
Response: 1859038
Conc: 19.70 ug/ml



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

R.T.: 17.857 min
Delta R.T.: -0.009 min
Response: 1800511
Conc: 19.67 ug/ml



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

R.T.: 18.068 min
Delta R.T.: -0.006 min
Response: 1919824
Conc: 19.82 ug/ml