

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD071618AR\
 Data File : FD025065.D
 Signal(s) : FID2B.CH
 Acq On : 17 Jul 2018 6:16
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 17 07:53:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 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...	7.473	1821380	19.911 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
6) S 2-Fluorobiphenyl (SURR)	8.328	1168310	18.421 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.84%
11) S ortho-Terphenyl (SURR)	11.377	1801597	17.952 ug/ml
Spiked Amount 50.000		Recovery =	35.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.267	2200259	23.675 ug/ml
2) T Naphthalene (C11.7)	5.805	2206694	21.747 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	2078722	20.445 ug/ml
5) T Acenaphthylene (C15.06)	8.131	1863910	18.667 ug/ml
7) T Acenaphthene (C15.5)	8.428	1934031	18.515 ug/ml
8) T Fluorene (C16.55)	9.208	1863815	17.838 ug/ml
9) T Phenanthrene (C19.36)	10.601	1838418	17.881 ug/ml
10) T Anthracene (C19.43)	10.676	1812741	17.780 ug/ml
12) T Fluoranthene (C21.85)	12.412	1928981	19.346 ug/ml
13) T Pyrene (C20.8)	12.707	1954684	19.657 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.580	2000806	21.312 ug/ml
15) T Chrysene (C27.41)	14.622	2013462	21.283 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.130	2074038	20.057 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.162	2073965	19.654 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.506	2059227	19.816 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.870	2016780	18.921 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.913	2063089	19.726 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.123	2023381	19.050 ug/ml

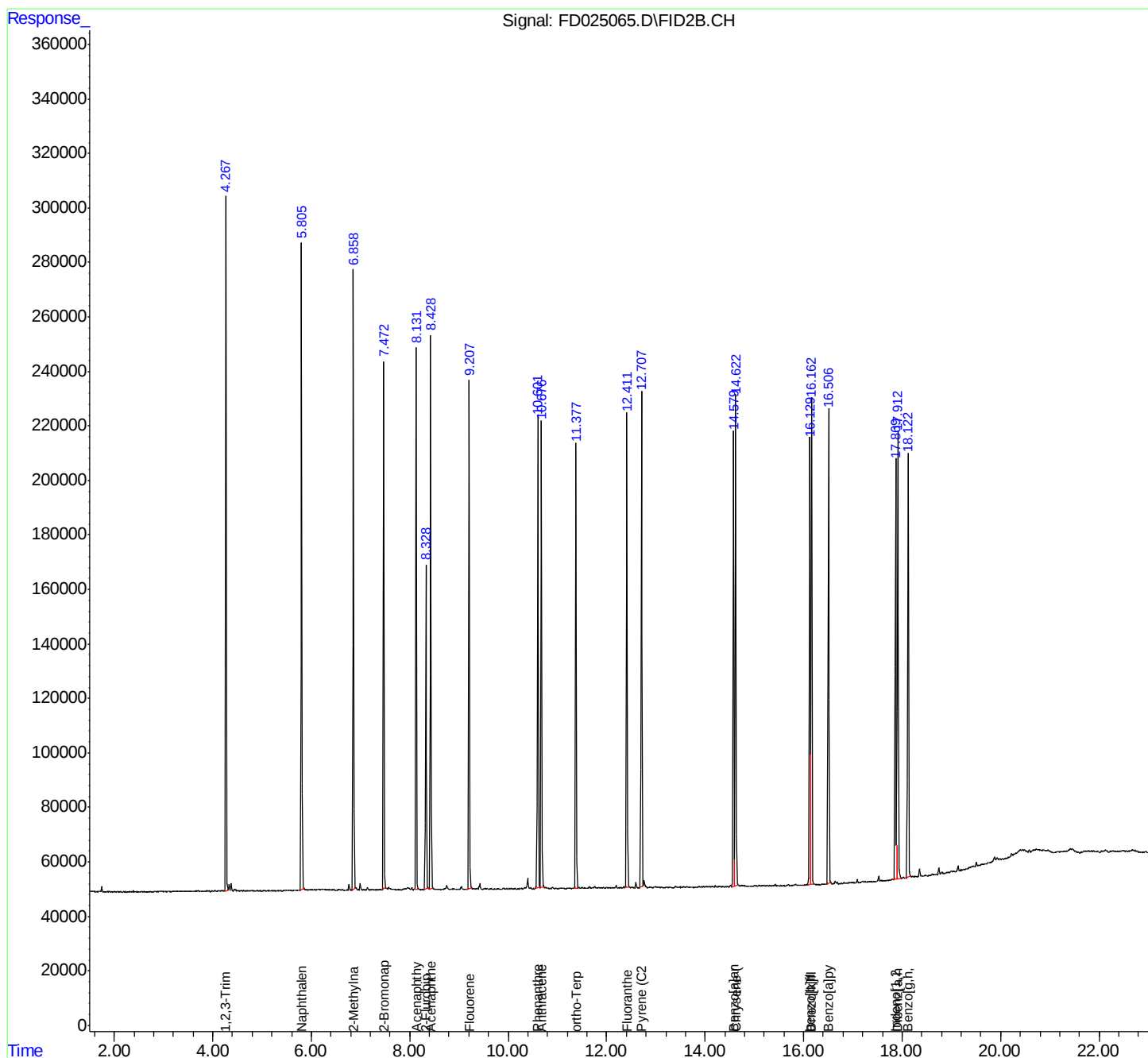
(f)=RT Delta > 1/2 Window

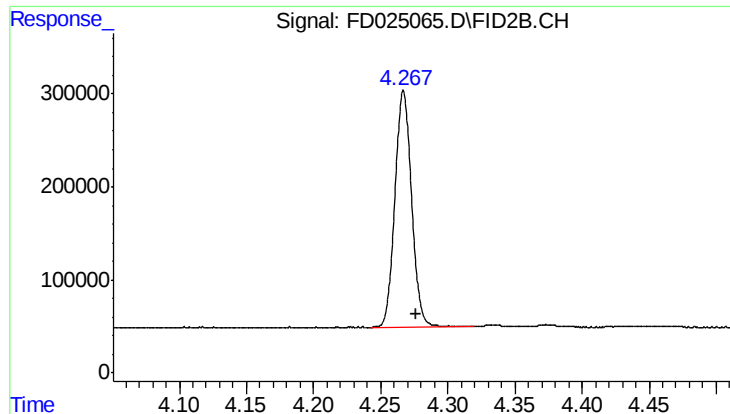
(m)=manual int.

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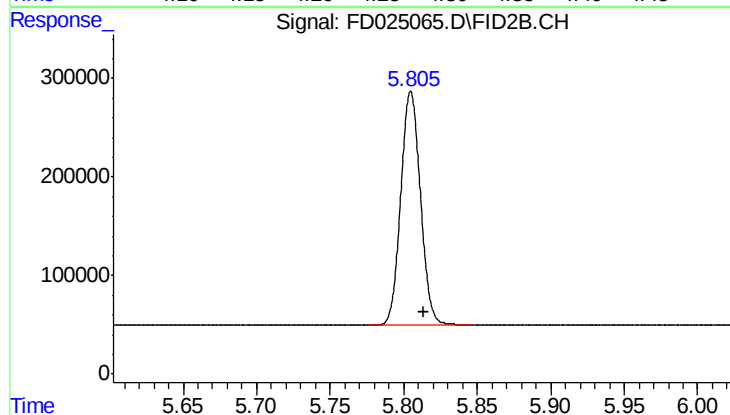
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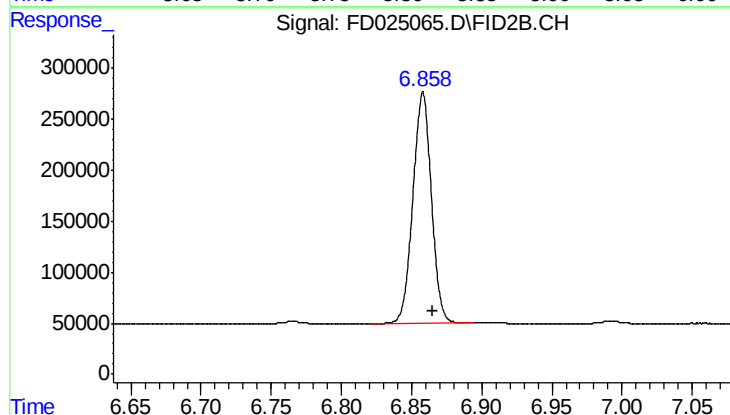
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.267 min
Delta R.T.: -0.009 min
Response: 2200259
Conc: 23.67 ug/ml



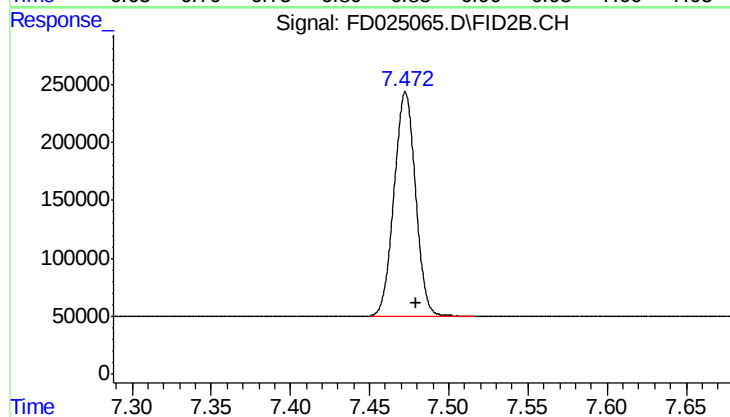
#2 Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: -0.008 min
Response: 2206694
Conc: 21.75 ug/ml



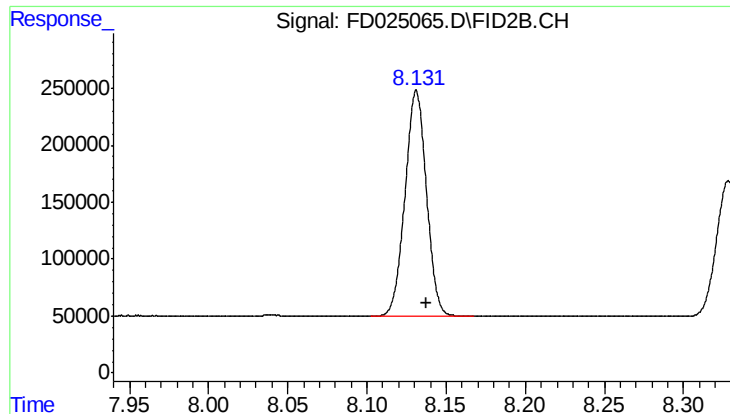
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: -0.007 min
Response: 2078722
Conc: 20.45 ug/ml



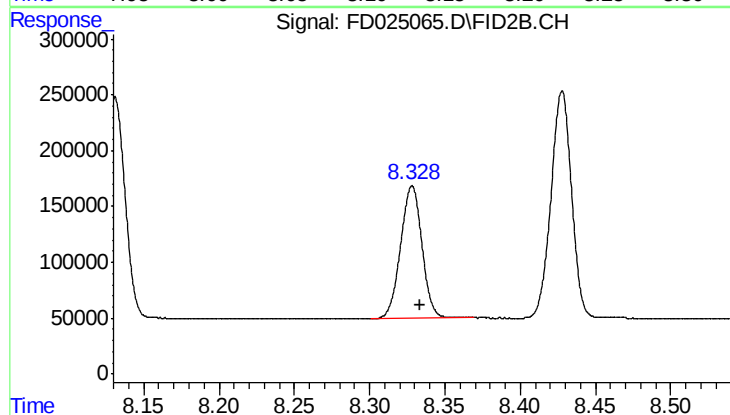
#4 2-Bromonaphthalene (SURR)

R.T.: 7.473 min
Delta R.T.: -0.007 min
Response: 1821380
Conc: 19.91 ug/ml



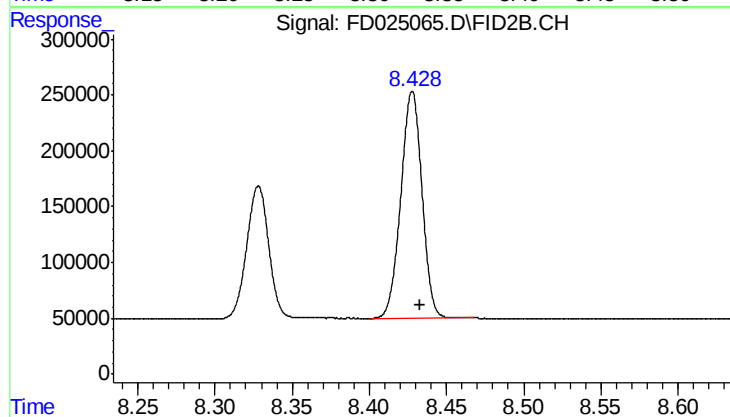
#5 Acenaphthylene (C15.06)

R.T.: 8.131 min
Delta R.T.: -0.006 min
Response: 1863910
Conc: 18.67 ug/ml



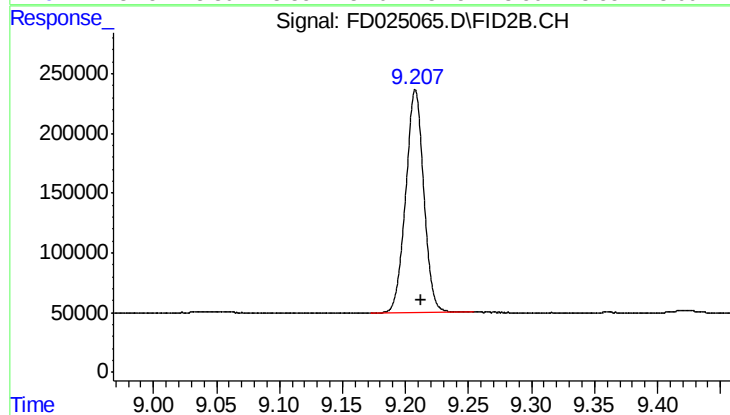
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.328 min
Delta R.T.: -0.005 min
Response: 1168310
Conc: 18.42 ug/ml



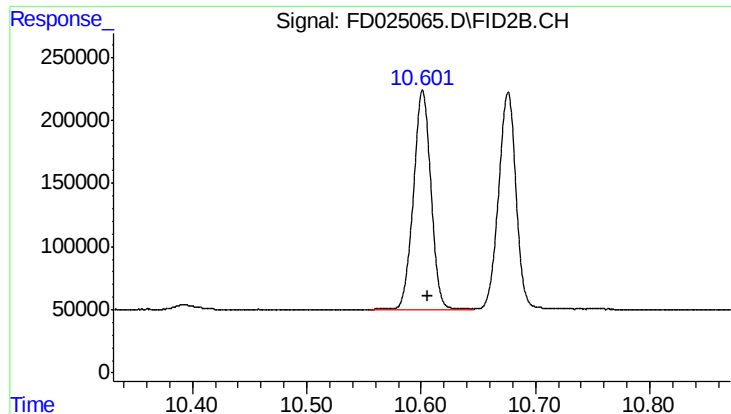
#7 Acenaphthene (C15.5)

R.T.: 8.428 min
Delta R.T.: -0.005 min
Response: 1934031
Conc: 18.51 ug/ml



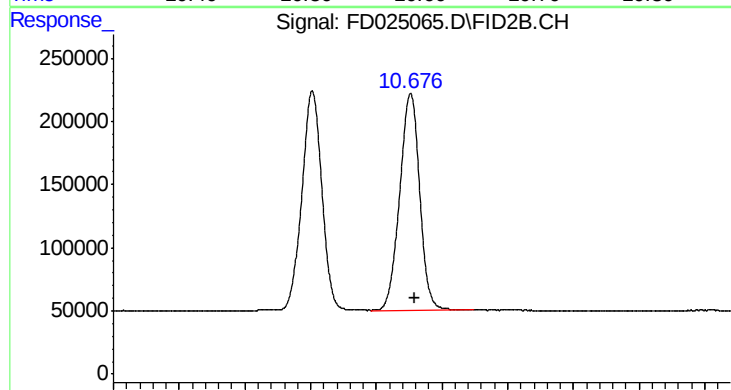
#8 Fluorene (C16.55)

R.T.: 9.208 min
Delta R.T.: -0.005 min
Response: 1863815
Conc: 17.84 ug/ml



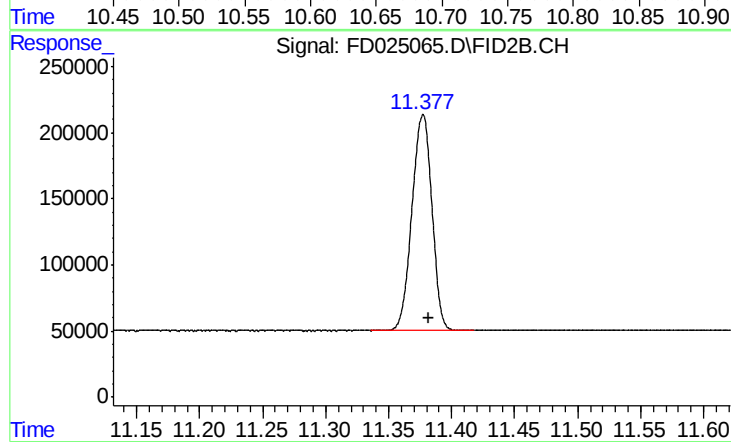
#9 Phenanthrene (C19.36)

R.T.: 10.601 min
Delta R.T.: -0.004 min
Response: 1838418
Conc: 17.88 ug/ml



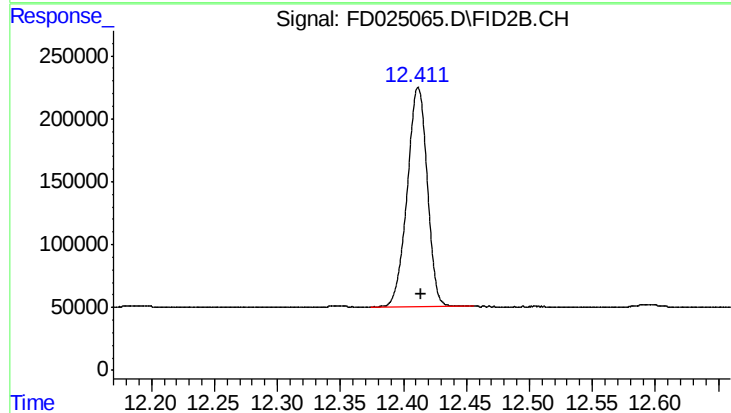
#10 Anthracene (C19.43)

R.T.: 10.676 min
Delta R.T.: -0.003 min
Response: 1812741
Conc: 17.78 ug/ml



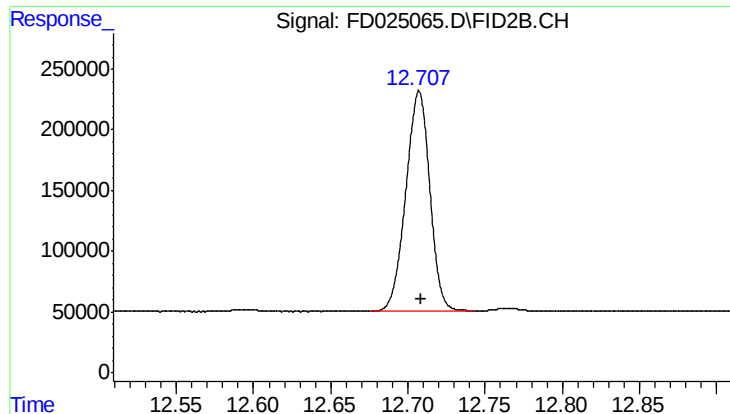
#11 ortho-Terphenyl (SURR)

R.T.: 11.377 min
Delta R.T.: -0.004 min
Response: 1801597
Conc: 17.95 ug/ml



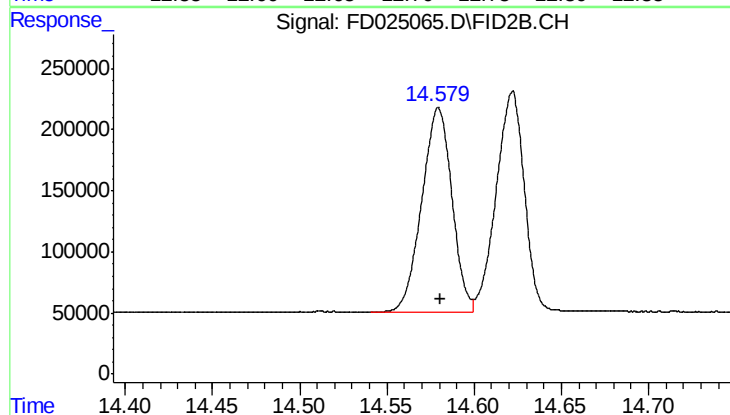
#12 Fluoranthene (C21.85)

R.T.: 12.412 min
Delta R.T.: -0.002 min
Response: 1928981
Conc: 19.35 ug/ml



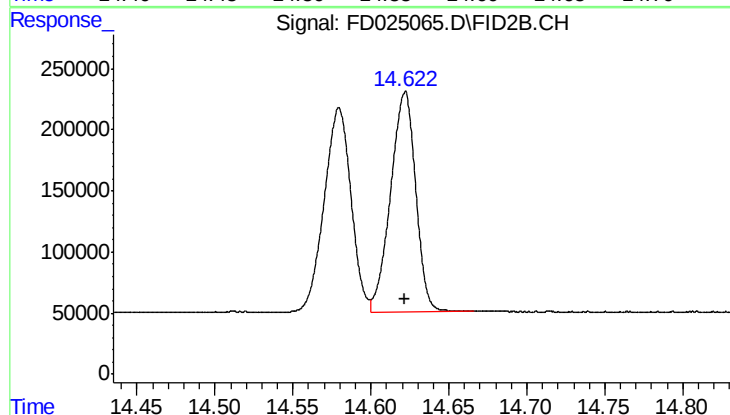
#13 Pyrene (C20.8)

R.T.: 12.707 min
Delta R.T.: -0.001 min
Response: 1954684
Conc: 19.66 ug/ml



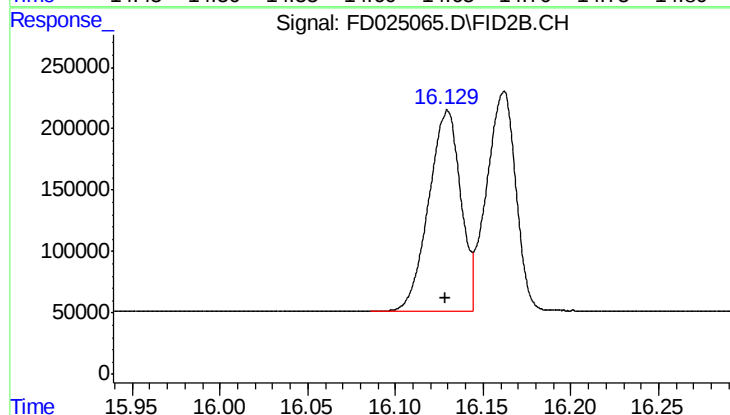
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.580 min
Delta R.T.: -0.001 min
Response: 2000806
Conc: 21.31 ug/ml



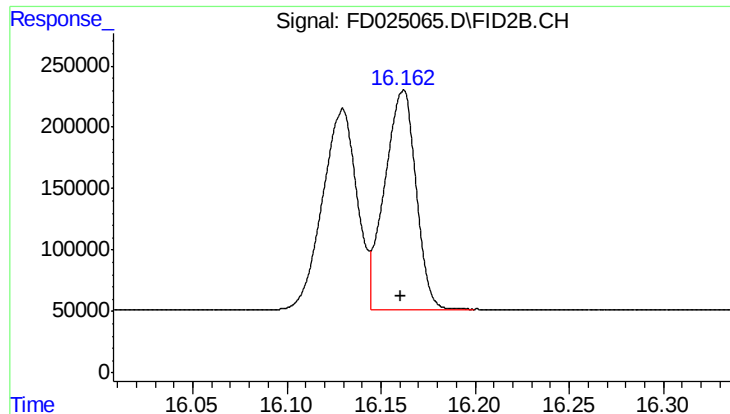
#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: 0.000 min
Response: 2013462
Conc: 21.28 ug/ml



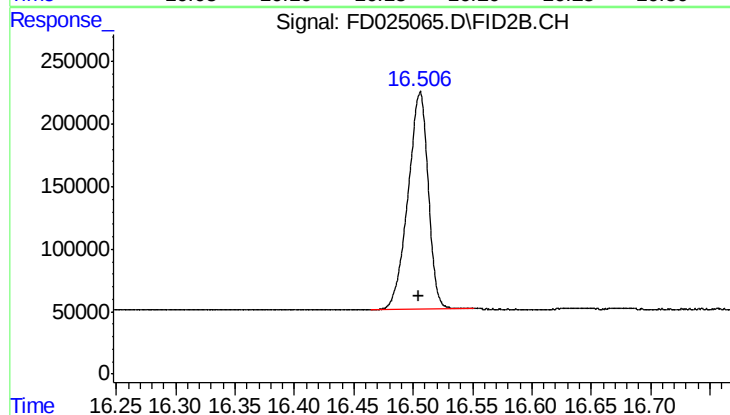
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.130 min
Delta R.T.: 0.001 min
Response: 2074038
Conc: 20.06 ug/ml



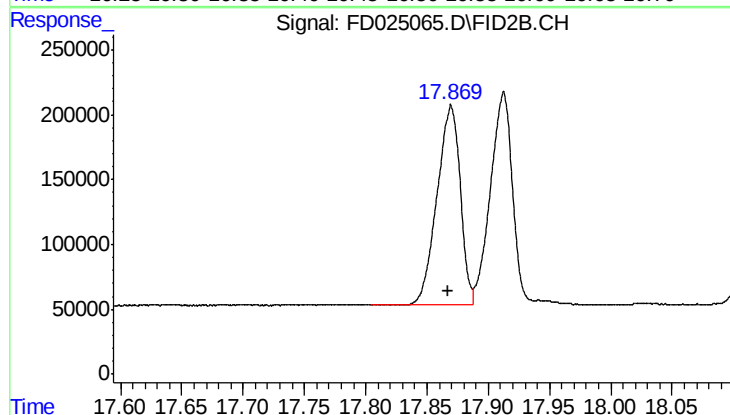
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.162 min
Delta R.T.: 0.001 min
Response: 2073965
Conc: 19.65 ug/ml



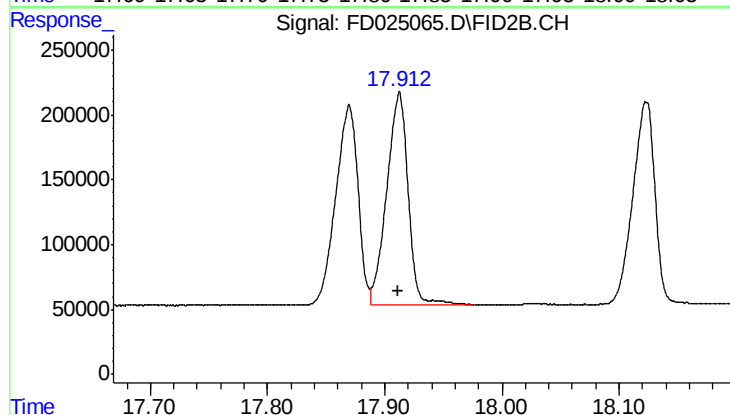
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.506 min
Delta R.T.: 0.001 min
Response: 2059227
Conc: 19.82 ug/ml



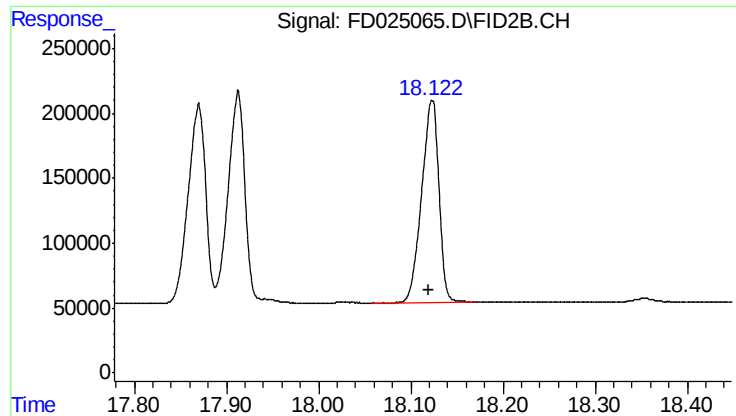
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.870 min
Delta R.T.: 0.003 min
Response: 2016780
Conc: 18.92 ug/ml



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

R.T.: 17.913 min
Delta R.T.: 0.000 min
Response: 2063089
Conc: 19.73 ug/ml



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

R.T.: 18.123 min
Delta R.T.: 0.004 min
Response: 2023381
Conc: 19.05 ug/ml