

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071918AR\
 Data File : FD025144.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jul 2018 16:58
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 20 04:46:37 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	1742567	19.049 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
6) S 2-Fluorobiphenyl (SURR)	8.330	1188214	18.735 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.47%
11) S ortho-Terphenyl (SURR)	11.378	1998245	19.912 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.269	2088413	22.471 ug/ml
2) T Naphthalene (C11.7)	5.806	2066993	20.370 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	1972375	19.399 ug/ml
5) T Acenaphthylene (C15.06)	8.133	1874026	18.769 ug/ml
7) T Acenaphthene (C15.5)	8.429	1952704	18.693 ug/ml
8) T Flouorene (C16.55)	9.210	1960848	18.767 ug/ml
9) T Phenanthrene (C19.36)	10.604	2068979	20.123 ug/ml
10) T Anthracene (C19.43)	10.679	2040935	20.019 ug/ml
12) T Fluoranthene (C21.85)	12.415	2210475	22.169 ug/ml
13) T Pyrene (C20.8)	12.711	2223308	22.359 ug/ml
14) T Benzo[a]anthracene (C...	14.584	2217991	23.626 ug/ml
15) T Chrysene (C27.41)	14.626	2228751	23.559 ug/ml
16) T benzo[b]fluoranthene ...	16.134	2272481	21.976 ug/ml
17) T Bnezo[k]fluoranthene ...	16.166	2294146	21.740 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.511	2256082	21.710 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	2203915	20.677 ug/ml
20) T Dibenz[a,h]anthracene...	17.917	2331185	22.289 ug/ml
21) T Benzo[g,h,i]perylene ...	18.129	2197509	20.689 ug/ml

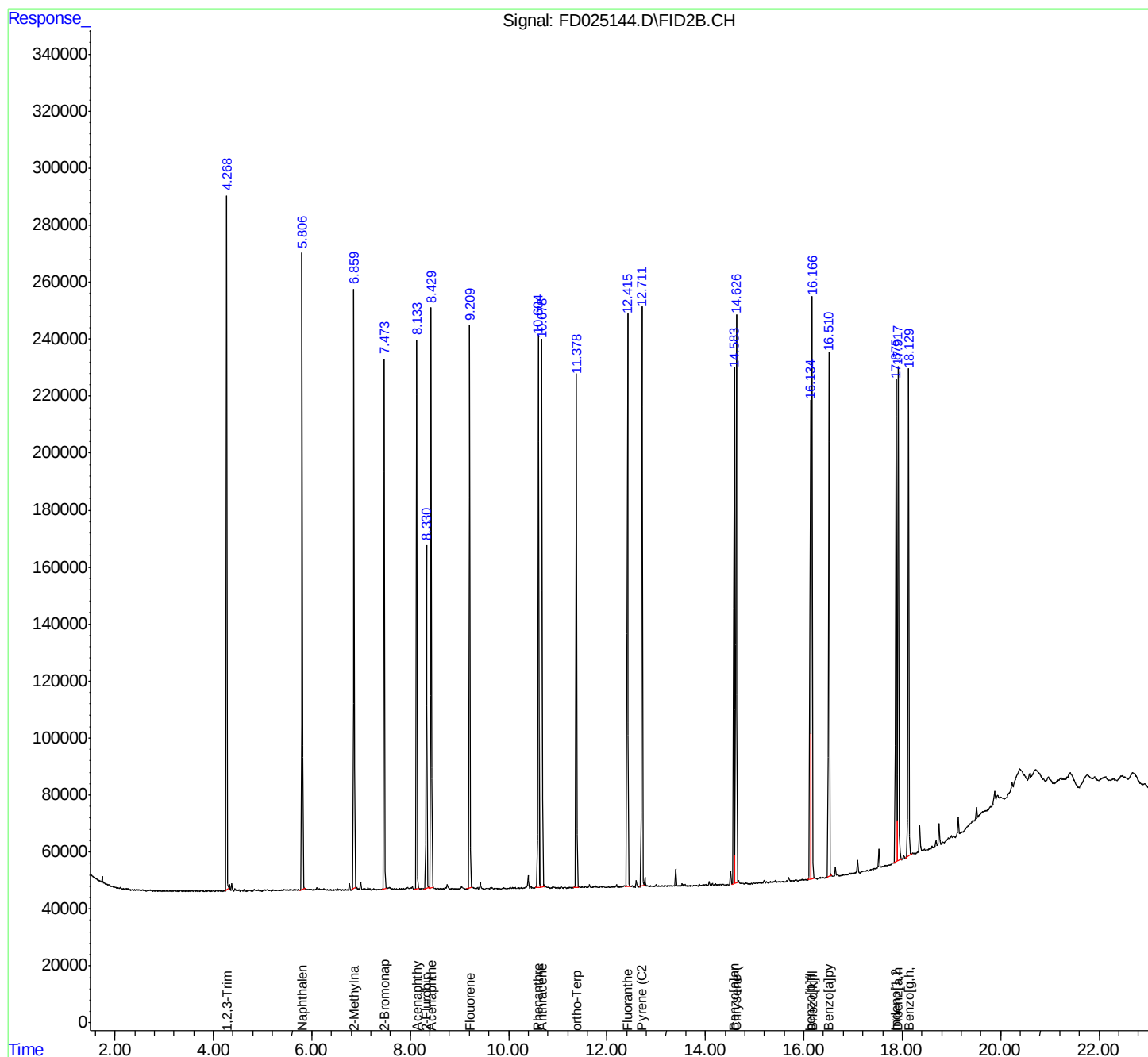
(f)=RT Delta > 1/2 Window

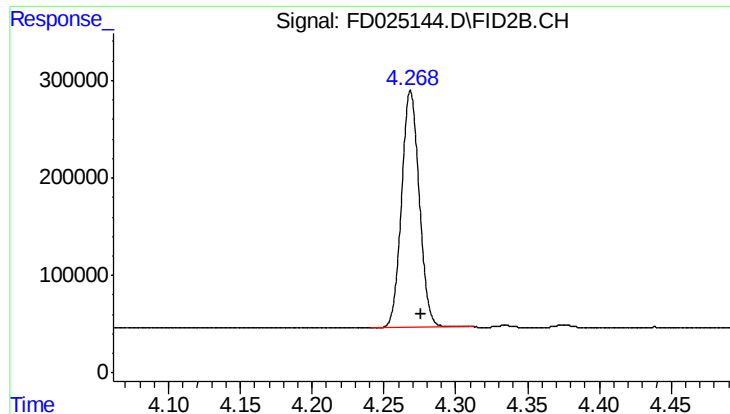
(m)=manual int.

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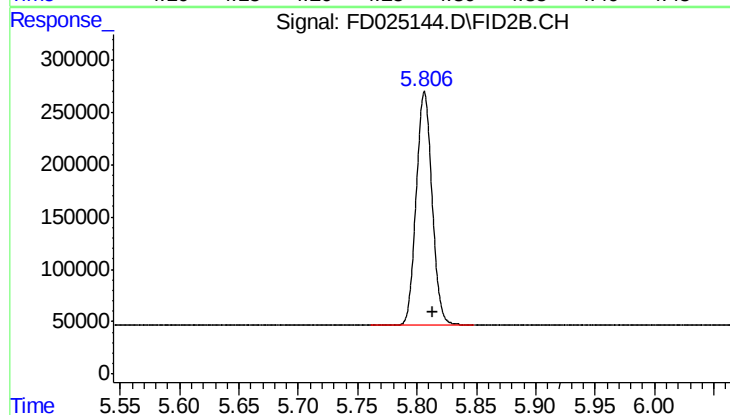
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





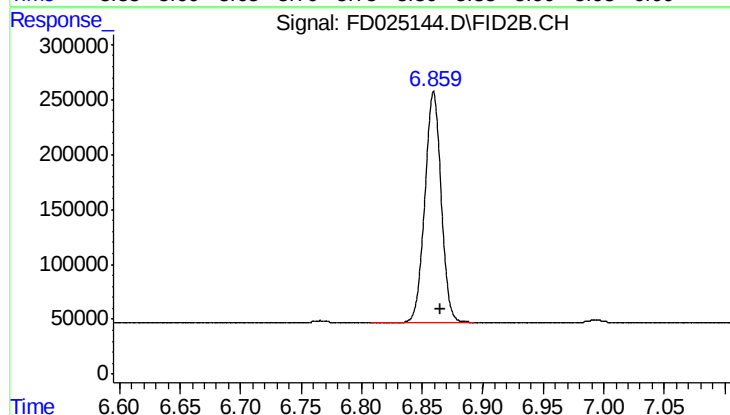
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.269 min
Delta R.T.: -0.008 min
Response: 2088413
Conc: 22.47 ug/ml



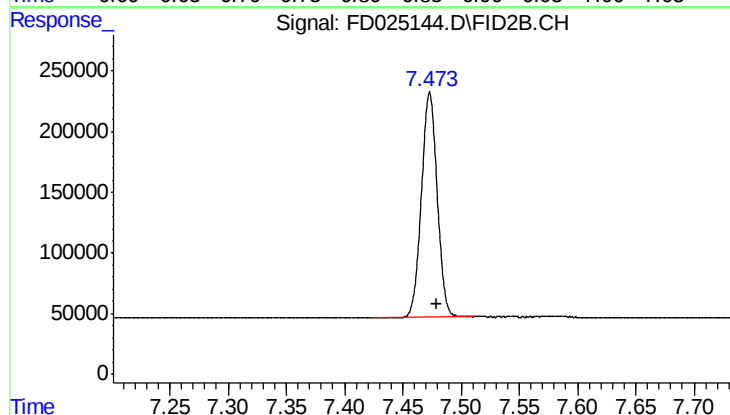
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.007 min
Response: 2066993
Conc: 20.37 ug/ml



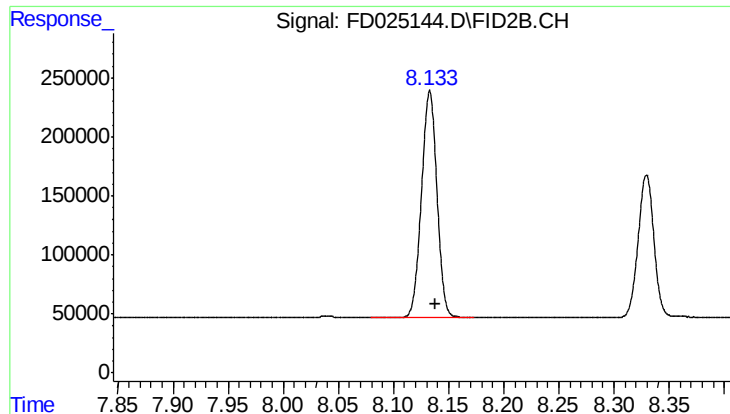
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.006 min
Response: 1972375
Conc: 19.40 ug/ml



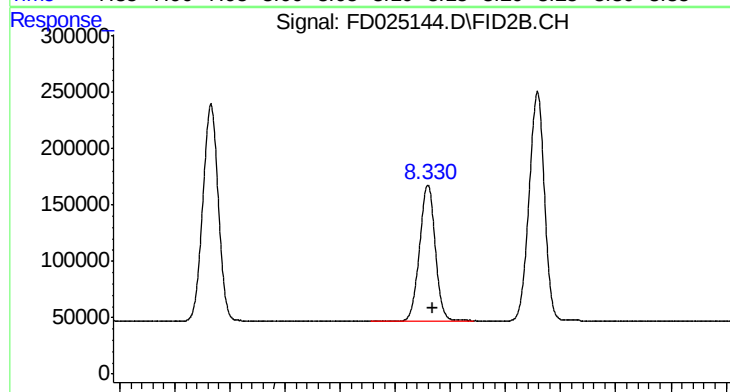
#4 2-Bromonaphthalene (SURR)

R.T.: 7.473 min
Delta R.T.: -0.006 min
Response: 1742567
Conc: 19.05 ug/ml



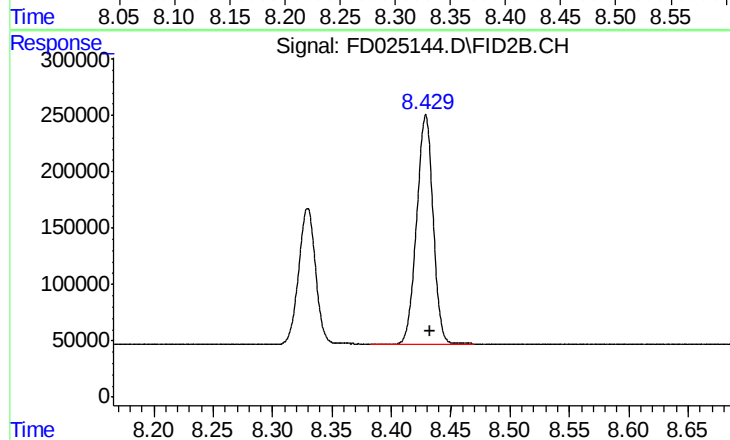
#5 Acenaphthylene (C15.06)

R.T.: 8.133 min
Delta R.T.: -0.005 min
Response: 1874026
Conc: 18.77 ug/ml



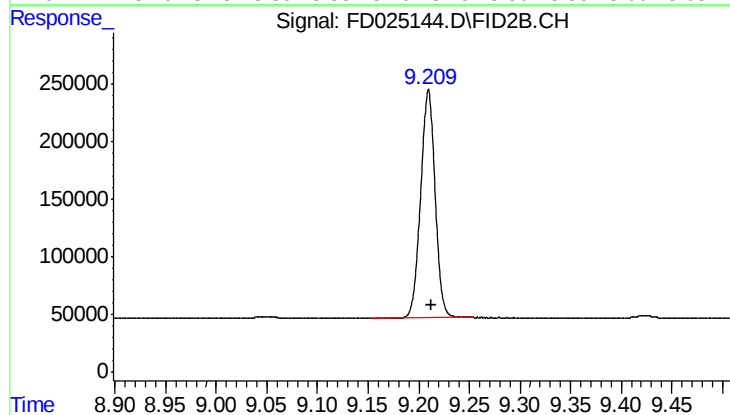
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.330 min
Delta R.T.: -0.004 min
Response: 1188214
Conc: 18.73 ug/ml



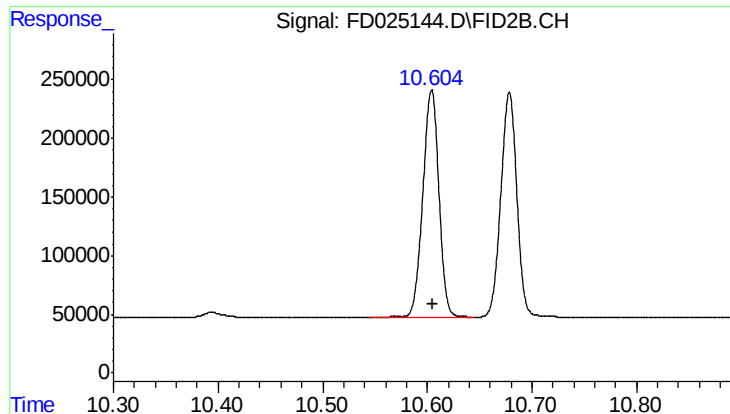
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: -0.004 min
Response: 1952704
Conc: 18.69 ug/ml



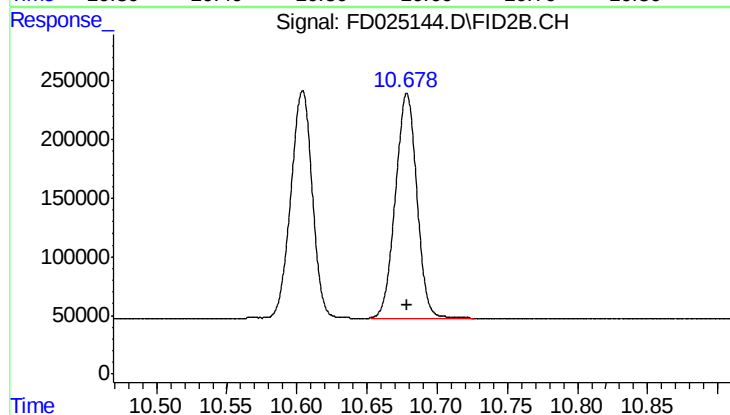
#8 Fluorene (C16.55)

R.T.: 9.210 min
Delta R.T.: -0.003 min
Response: 1960848
Conc: 18.77 ug/ml



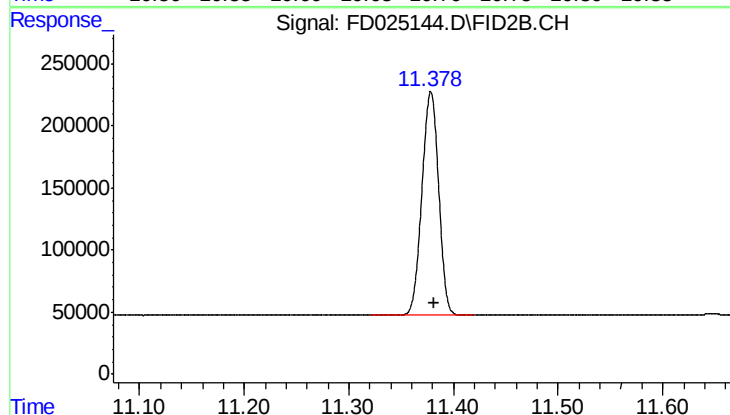
#9 Phenanthrene (C19.36)

R.T.: 10.604 min
Delta R.T.: -0.001 min
Response: 2068979
Conc: 20.12 ug/ml



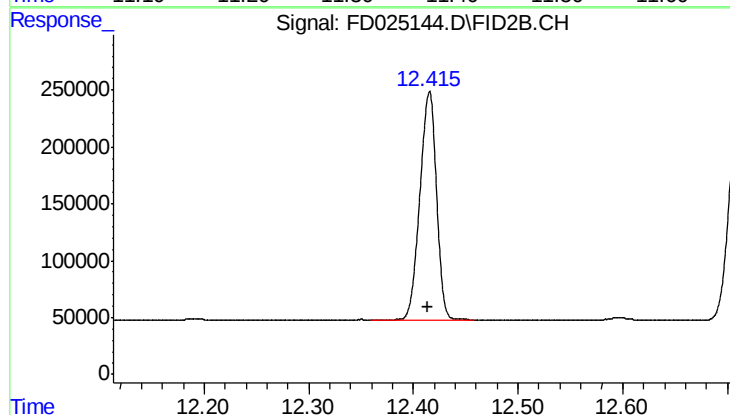
#10 Anthracene (C19.43)

R.T.: 10.679 min
Delta R.T.: 0.000 min
Response: 2040935
Conc: 20.02 ug/ml



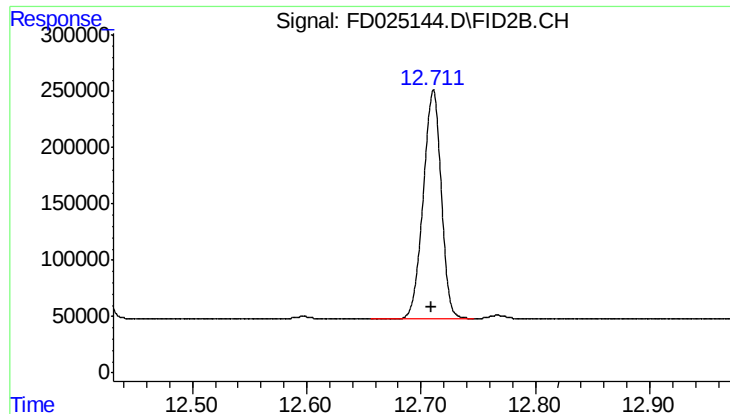
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: -0.003 min
Response: 1998245
Conc: 19.91 ug/ml



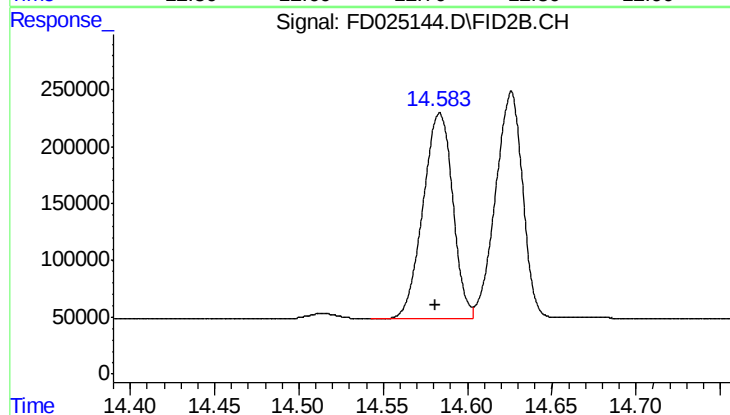
#12 Fluoranthene (C21.85)

R.T.: 12.415 min
Delta R.T.: 0.001 min
Response: 2210475
Conc: 22.17 ug/ml



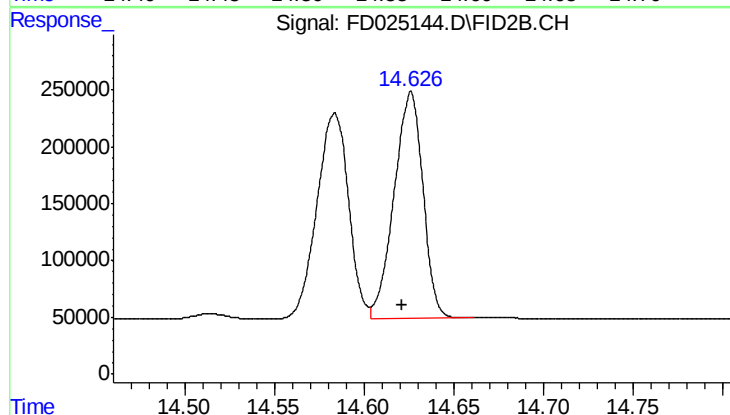
#13 Pyrene (C20.8)

R.T.: 12.711 min
Delta R.T.: 0.002 min
Response: 2223308
Conc: 22.36 ug/ml



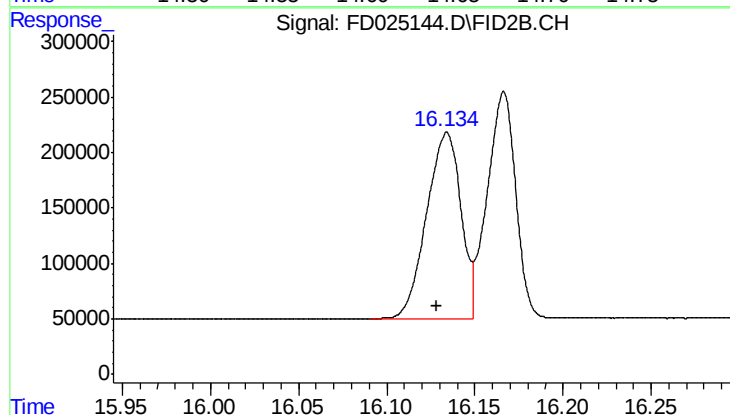
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.584 min
Delta R.T.: 0.003 min
Response: 2217991
Conc: 23.63 ug/ml



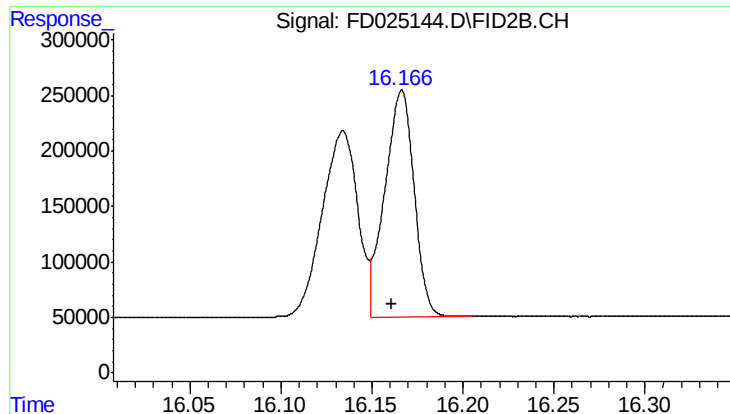
#15 Chrysene (C27.41)

R.T.: 14.626 min
Delta R.T.: 0.005 min
Response: 2228751
Conc: 23.56 ug/ml



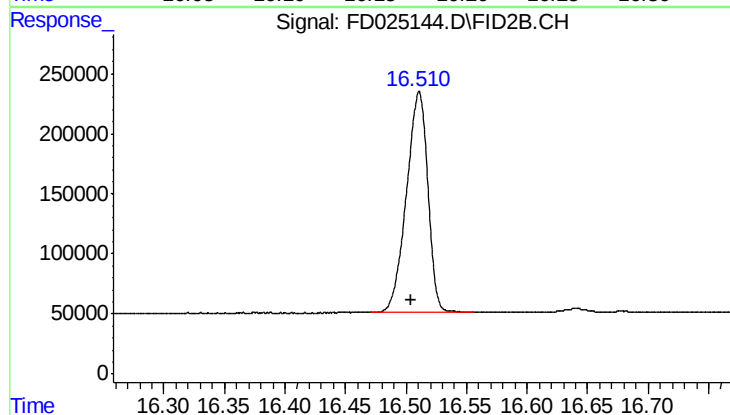
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.134 min
Delta R.T.: 0.006 min
Response: 2272481
Conc: 21.98 ug/ml



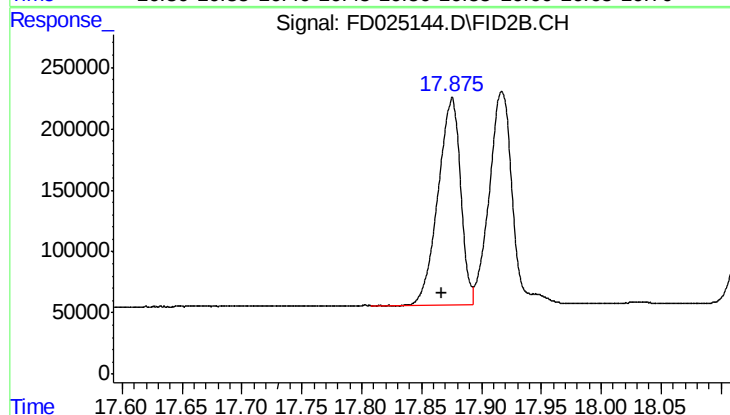
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.166 min
Delta R.T.: 0.006 min
Response: 2294146
Conc: 21.74 ug/ml



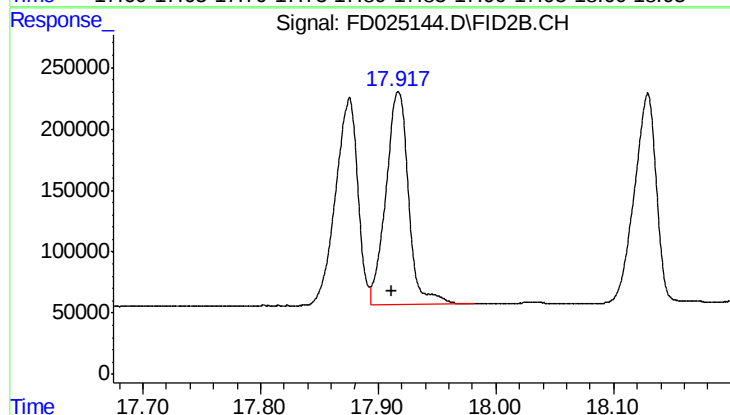
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.511 min
Delta R.T.: 0.006 min
Response: 2256082
Conc: 21.71 ug/ml



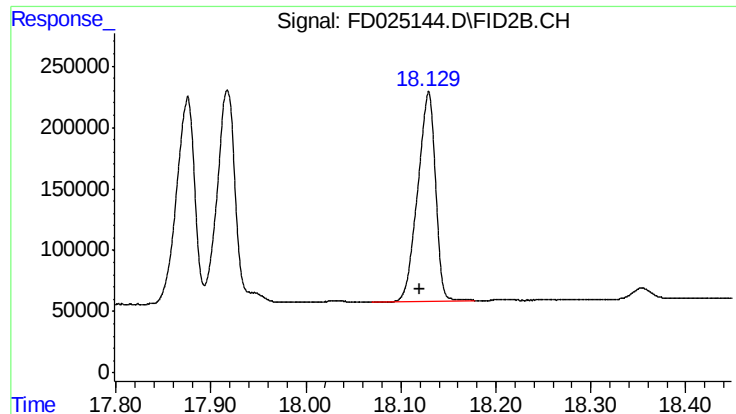
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: 0.009 min
Response: 2203915
Conc: 20.68 ug/ml



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

R.T.: 17.917 min
Delta R.T.: 0.005 min
Response: 2331185
Conc: 22.29 ug/ml



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

R.T.: 18.129 min
Delta R.T.: 0.010 min
Response: 2197509
Conc: 20.69 ug/ml