

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072018AR\
 Data File : FE028325.D
 Signal(s) : FID1B.CH
 Acq On : 20 Jul 2018 13:00
 Operator : AJ\SJ
 Sample : 100 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 20 17:22:37 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 20 17:21:59 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...	7.983	4222189	105.034 ug/ml
Spiked Amount 50.000		Recovery =	210.07%
6) S 2-Fluorobiphenyl (SURR)	8.866	3075056	104.317 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	208.63%#
11) S ortho-Terphenyl (SURR)	11.931	5063038	99.807 ug/ml
Spiked Amount 50.000		Recovery =	199.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.740	3999029	102.081 ug/ml
2) T Naphthalene (C11.7)	6.308	4519509	105.481 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	4724606	106.450 ug/ml
5) T Acenaphthylene (C15.06)	8.668	4765555	103.588 ug/ml
7) T Acenaphthene (C15.5)	8.967	5016403	102.825 ug/ml
8) T Flouorene (C16.55)	9.756	5094785	103.835 ug/ml
9) T Phenanthrene (C19.36)	11.173	5263704	100.532 ug/ml
10) T Anthracene (C19.43)	11.250	5223041	101.549 ug/ml
12) T Fluoranthene (C21.85)	13.008	5274690	98.545 ug/ml
13) T Pyrene (C20.8)	13.312	5207281	99.853 ug/ml
14) T Benzo[a]anthracene (C...	15.201	4836998	98.162 ug/ml
15) T Chrysene (C27.41)	15.249	4910914	96.145 ug/ml
16) T benzo[b]fluoranthene ...	16.775	4987210	98.300 ug/ml
17) T Bnezo[k]fluoranthene ...	16.775	4987210	95.646 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.164	5083614	98.231 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.550	5445371	103.382 ug/ml
20) T Dibenz[a,h]anthracene...	18.550	5445371	101.505 ug/ml
21) T Benzo[g,h,i]perylene ...	18.814	5185795	96.419 ug/ml

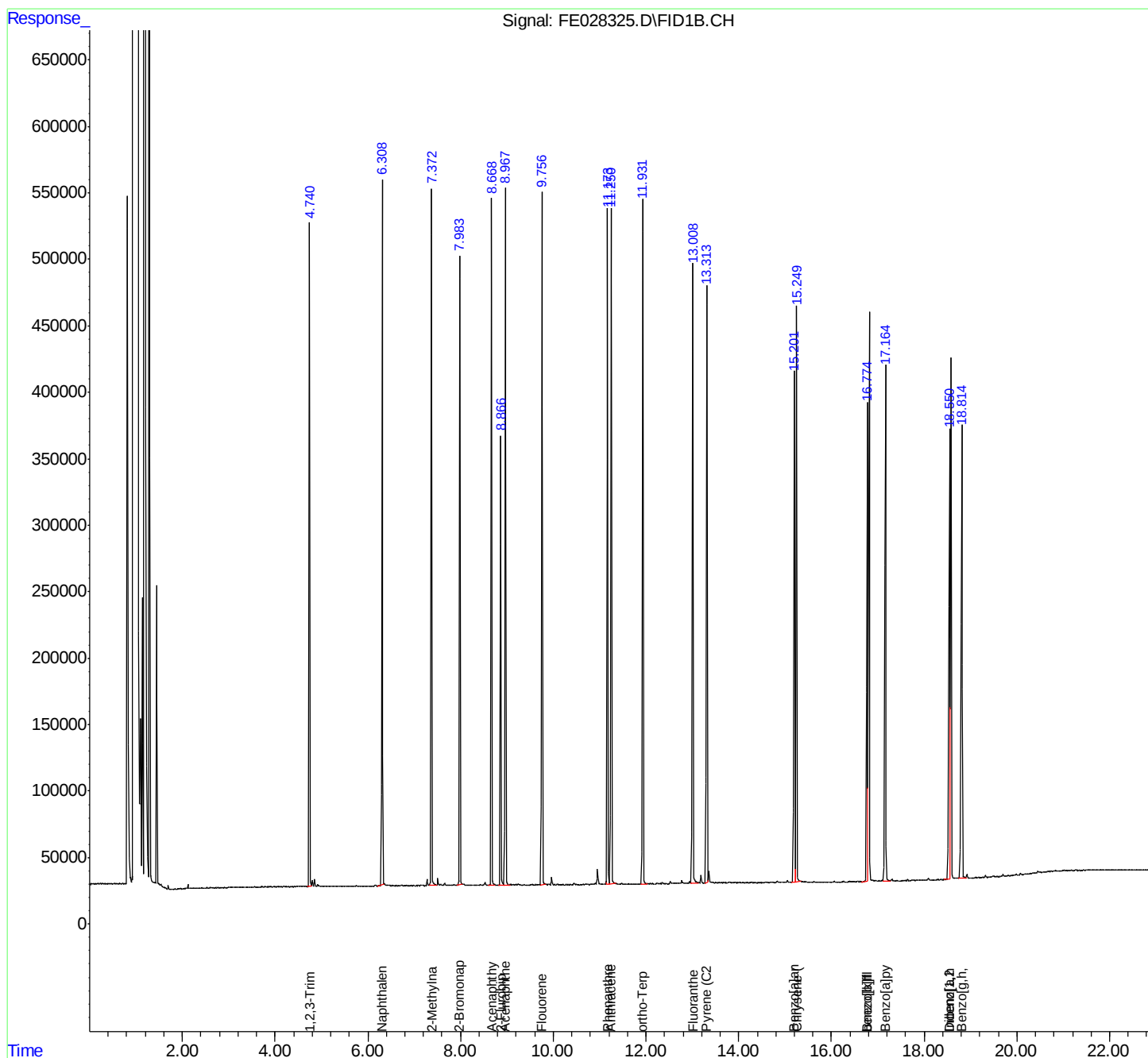
(f)=RT Delta > 1/2 Window

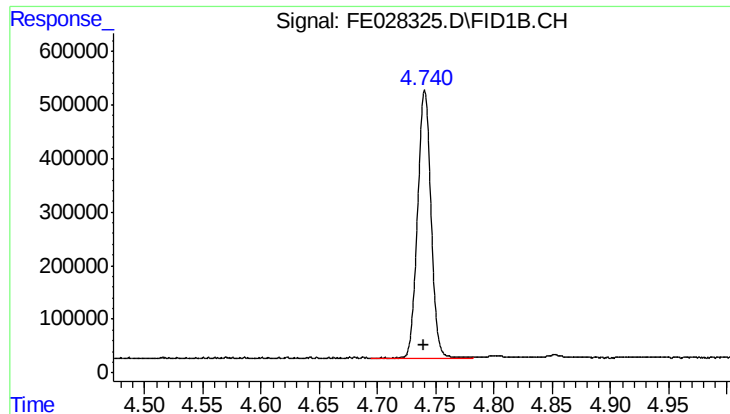
(m)=manual int.

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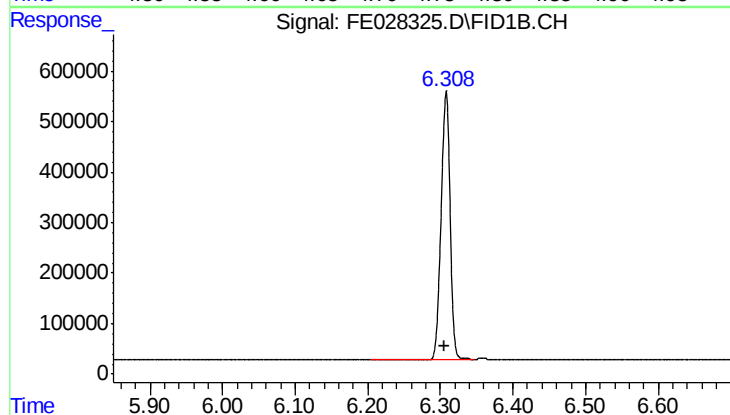
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





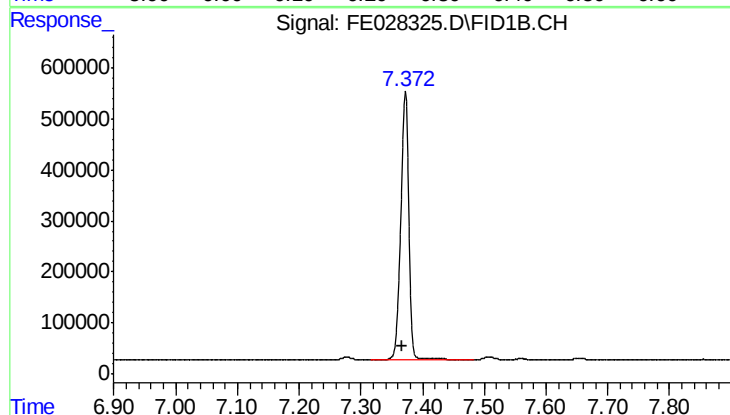
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.740 min
Delta R.T.: 0.001 min
Response: 3999029
Conc: 102.08 ug/ml



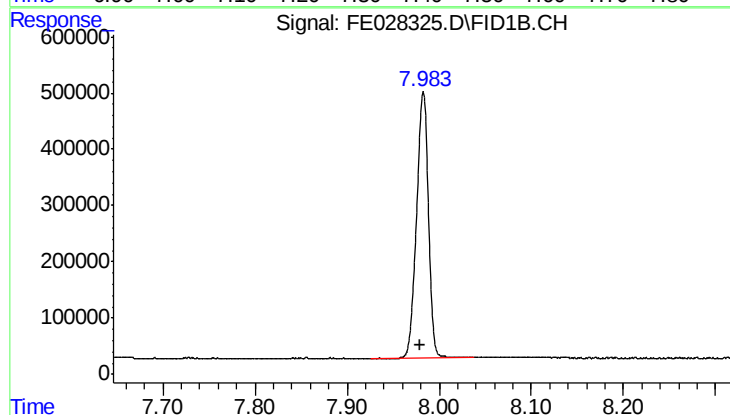
#2 Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.003 min
Response: 4519509
Conc: 105.48 ug/ml



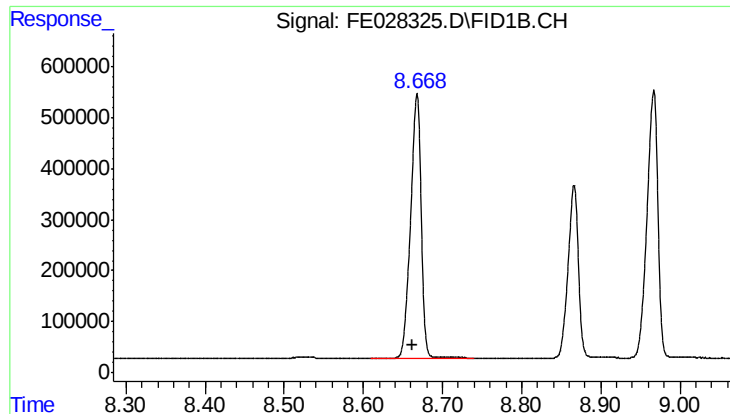
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.005 min
Response: 4724606
Conc: 106.45 ug/ml



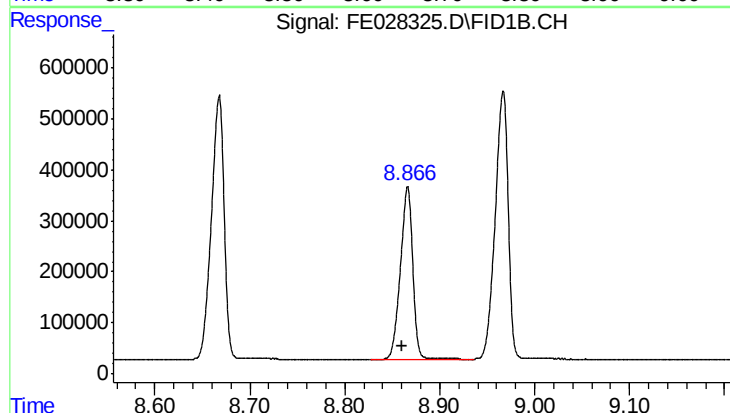
#4 2-Bromonaphthalene (SURR)

R.T.: 7.983 min
Delta R.T.: 0.004 min
Response: 4222189
Conc: 105.03 ug/ml



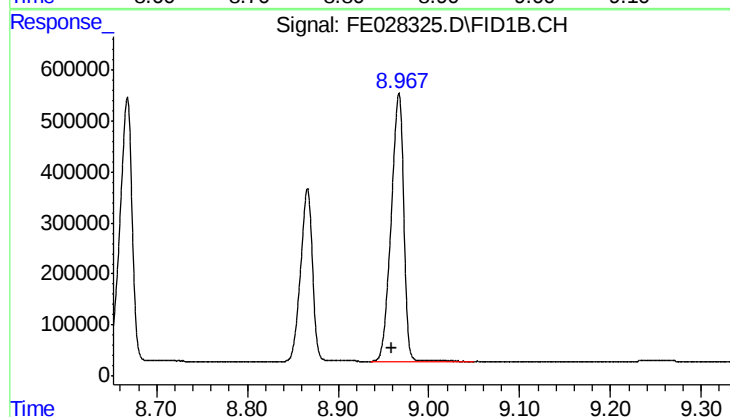
#5 Acenaphthylene (C15.06)

R.T.: 8.668 min
Delta R.T.: 0.006 min
Response: 4765555
Conc: 103.59 ug/ml



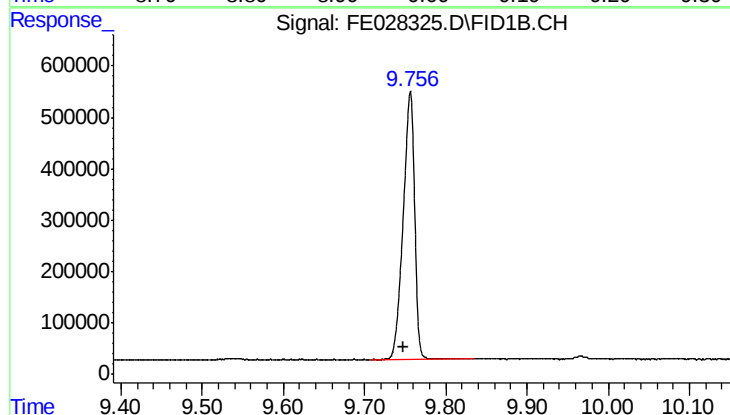
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.866 min
Delta R.T.: 0.005 min
Response: 3075056
Conc: 104.32 ug/ml



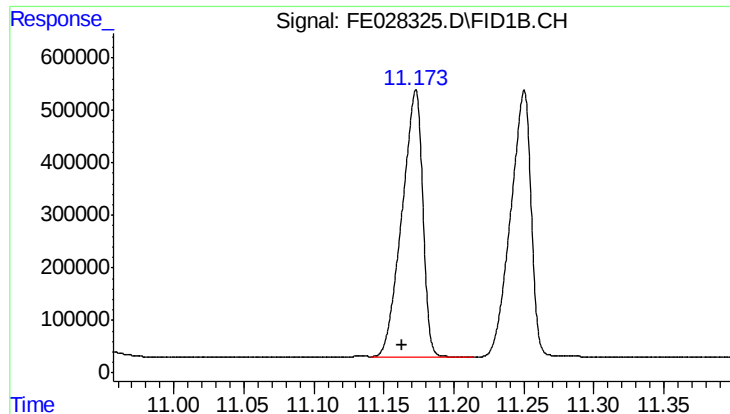
#7 Acenaphthene (C15.5)

R.T.: 8.967 min
Delta R.T.: 0.008 min
Response: 5016403
Conc: 102.82 ug/ml



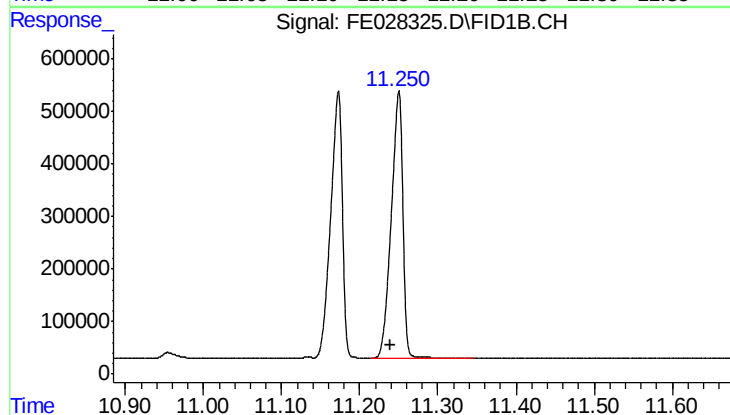
#8 Fluorene (C16.55)

R.T.: 9.756 min
Delta R.T.: 0.009 min
Response: 5094785
Conc: 103.83 ug/ml



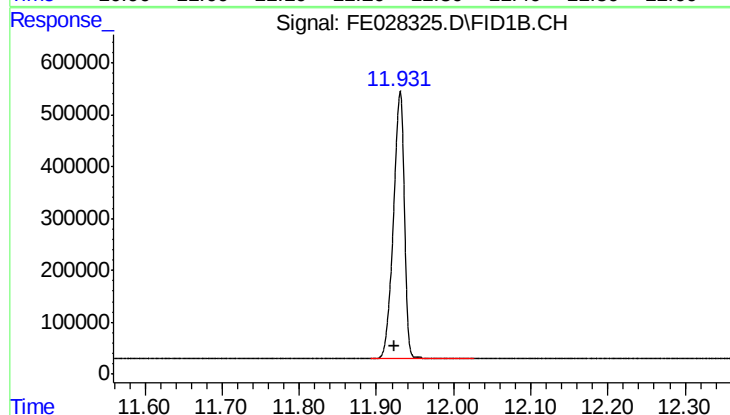
#9 Phenanthrene (C19.36)

R.T.: 11.173 min
Delta R.T.: 0.010 min
Response: 5263704
Conc: 100.53 ug/ml



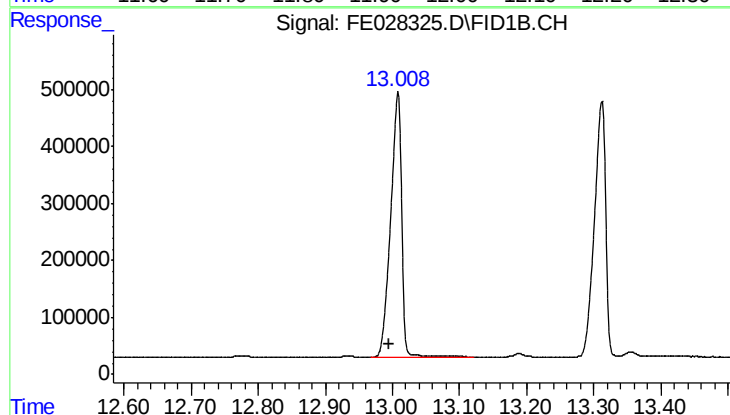
#10 Anthracene (C19.43)

R.T.: 11.250 min
Delta R.T.: 0.011 min
Response: 5223041
Conc: 101.55 ug/ml



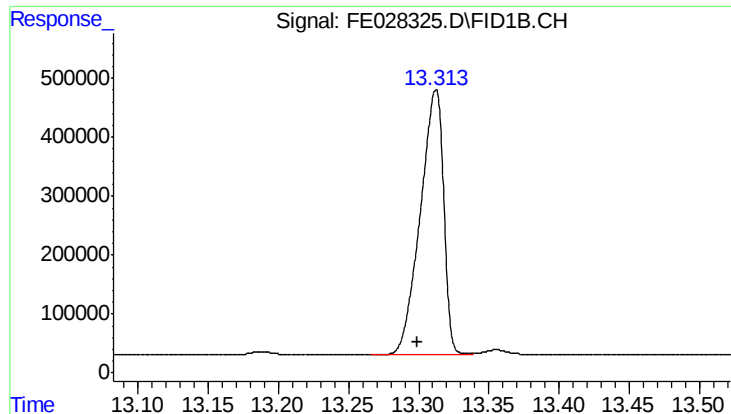
#11 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: 0.008 min
Response: 5063038
Conc: 99.81 ug/ml



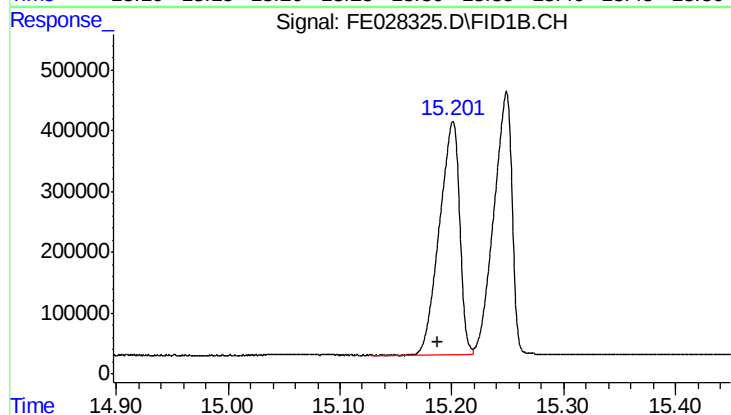
#12 Fluoranthene (C21.85)

R.T.: 13.008 min
Delta R.T.: 0.012 min
Response: 5274690
Conc: 98.54 ug/ml



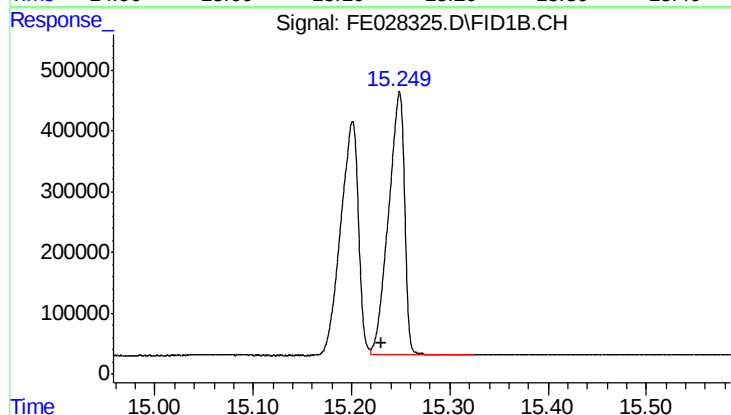
#13 Pyrene (C20.8)

R.T.: 13.312 min
Delta R.T.: 0.013 min
Response: 5207281
Conc: 99.85 ug/ml



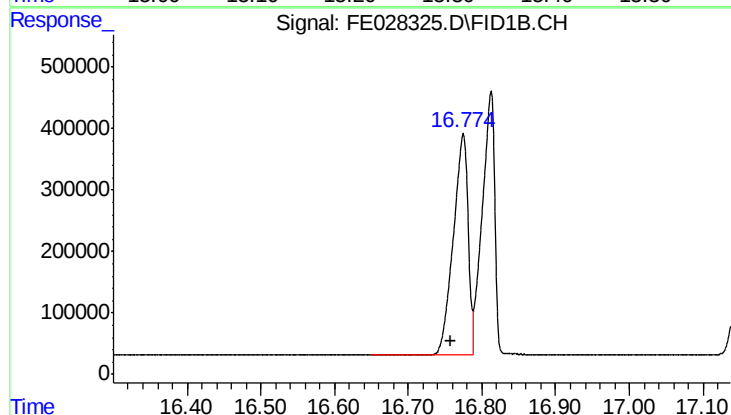
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.201 min
Delta R.T.: 0.013 min
Response: 4836998
Conc: 98.16 ug/ml



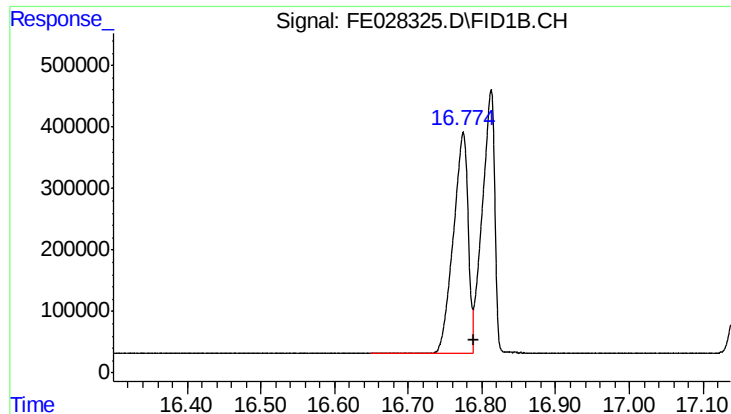
#15 Chrysene (C27.41)

R.T.: 15.249 min
Delta R.T.: 0.018 min
Response: 4910914
Conc: 96.14 ug/ml



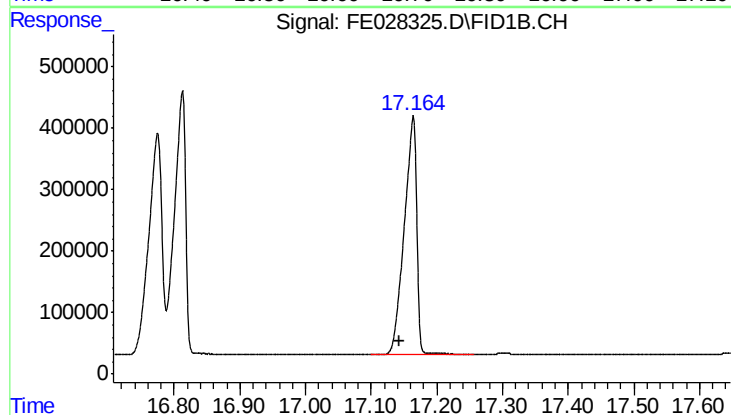
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.775 min
Delta R.T.: 0.016 min
Response: 4987210
Conc: 98.30 ug/ml



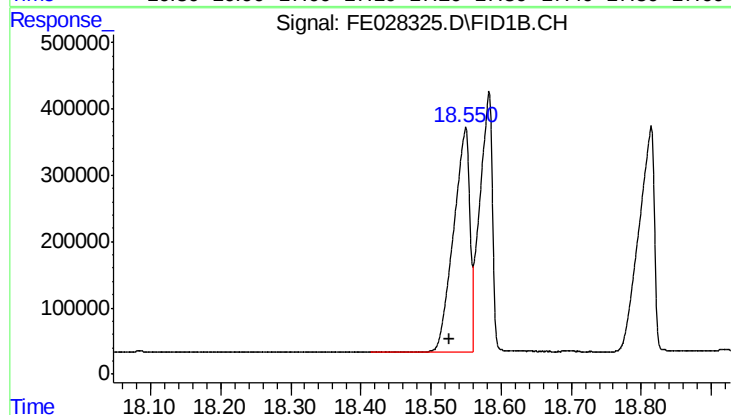
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.775 min
Delta R.T.: -0.015 min
Response: 4987210
Conc: 95.65 ug/ml



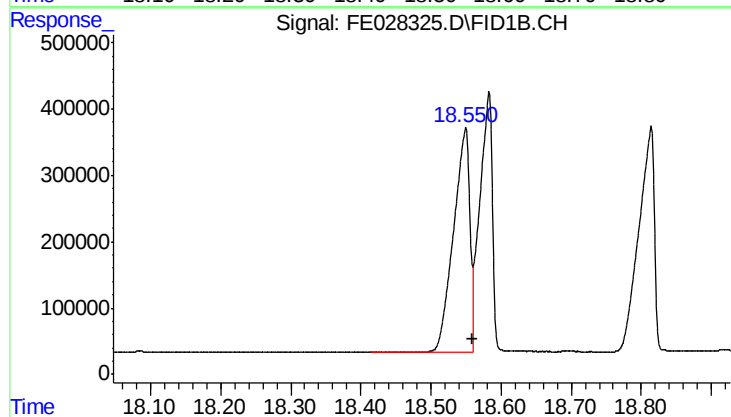
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.164 min
Delta R.T.: 0.020 min
Response: 5083614
Conc: 98.23 ug/ml



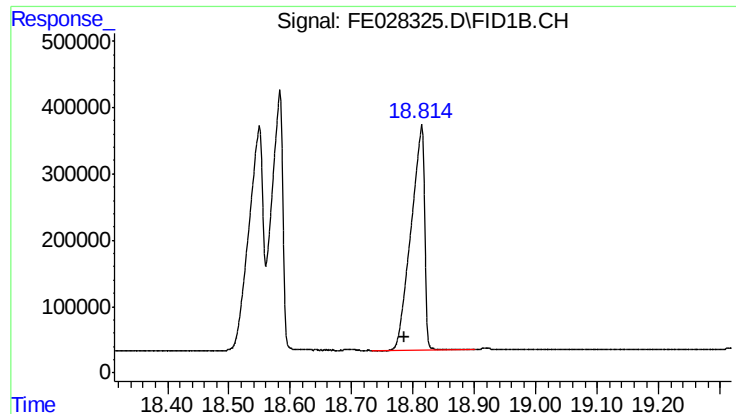
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.550 min
Delta R.T.: 0.023 min
Response: 5445371
Conc: 103.38 ug/ml



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

R.T.: 18.550 min
Delta R.T.: -0.009 min
Response: 5445371
Conc: 101.51 ug/ml



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

R.T.: 18.814 min
Delta R.T.: 0.029 min
Response: 5185795
Conc: 96.42 ug/ml