

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071218AR\
 Data File : FD025003.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jul 2018 7:50
 Operator : AJ\SJ
 Sample : AR IDOC SOIL 03
 Misc : FOR SJ
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 10:11:32 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...	7.476	5010974	54.778 ug/ml
Spiked Amount 50.000		Recovery =	109.56%
6) S 2-Fluorobiphenyl (SURR)	8.332	3353971	52.883 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.77%
11) S ortho-Terphenyl (SURR)	11.382	5186432	51.680 ug/ml
Spiked Amount 50.000		Recovery =	103.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.269	3376705	36.333 ug/ml
2) T Naphthalene (C11.7)	5.807	4715089	46.467 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	4935670	48.545 ug/ml
5) T Acenaphthylene (C15.06)	8.136	4870174	48.776 ug/ml
7) T Acenaphthene (C15.5)	8.433	5076256	48.595 ug/ml
8) T Flouorene (C16.55)	9.214	5169830	49.479 ug/ml
9) T Phenanthrene (C19.36)	10.609	5494957	53.444 ug/ml
10) T Anthracene (C19.43)	10.684	5466705	53.621 ug/ml
12) T Fluoranthene (C21.85)	12.420	5789992	58.067 ug/ml
13) T Pyrene (C20.8)	12.716	5730627	57.630 ug/ml
14) T Benzo[a]anthracene (C...	14.589	5923845	63.100 ug/ml
15) T Chrysene (C27.41)	14.634	5832704	61.655 ug/ml
16) T benzo[b]fluoranthene ...	16.140	5941801	57.459 ug/ml
17) T Bnezo[k]fluoranthene ...	16.176	5817242	55.127 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.518	5859281	56.383 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.884	5735146	53.807 ug/ml
20) T Dibenz[a,h]anthracene...	17.926	5709788	54.592 ug/ml
21) T Benzo[g,h,i]perylene ...	18.142	5716231	53.817 ug/ml

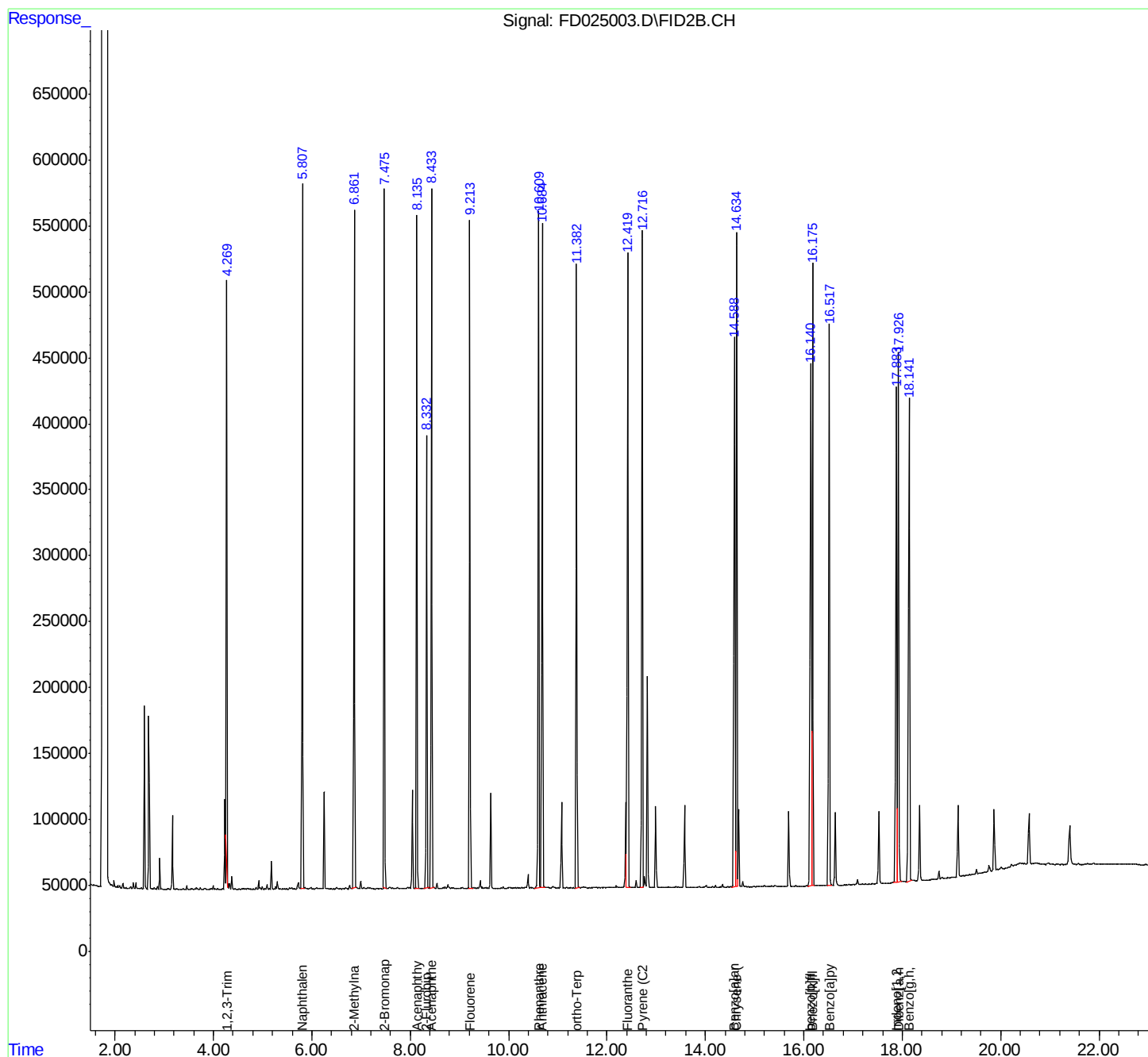
(f)=RT Delta > 1/2 Window

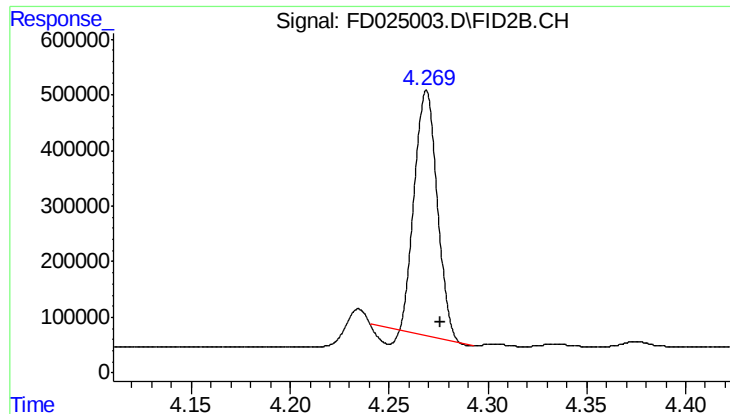
(m)=manual int.

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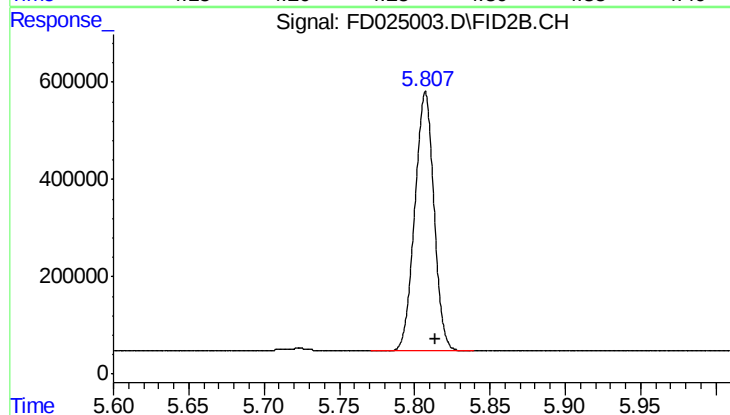
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Signal Info : 20M x 0.18mm x 0.18µm





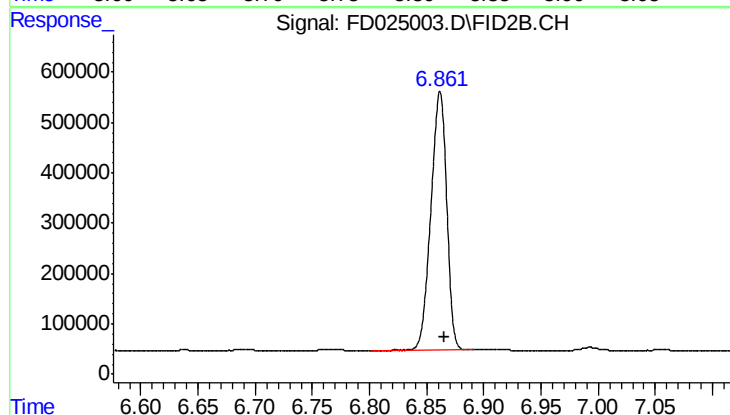
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.269 min
Delta R.T.: -0.007 min
Response: 3376705
Conc: 36.33 ug/ml



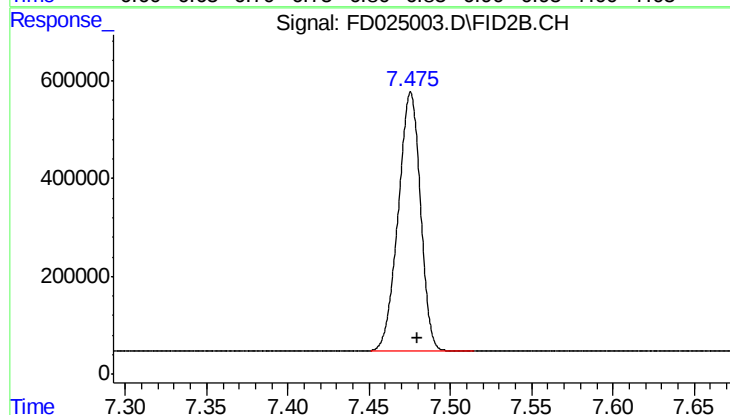
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.006 min
Response: 4715089
Conc: 46.47 ug/ml



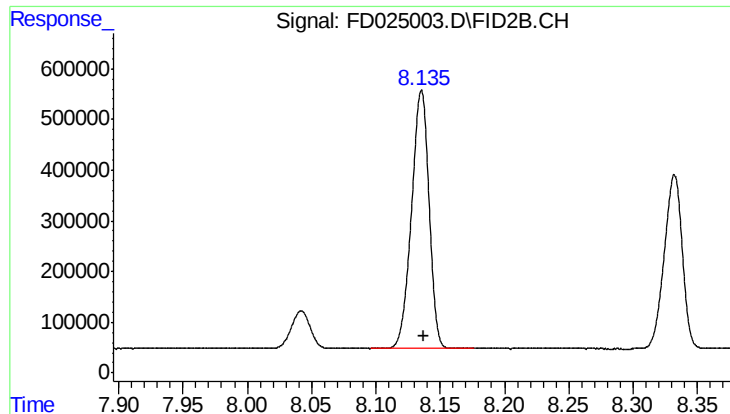
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.004 min
Response: 4935670
Conc: 48.54 ug/ml



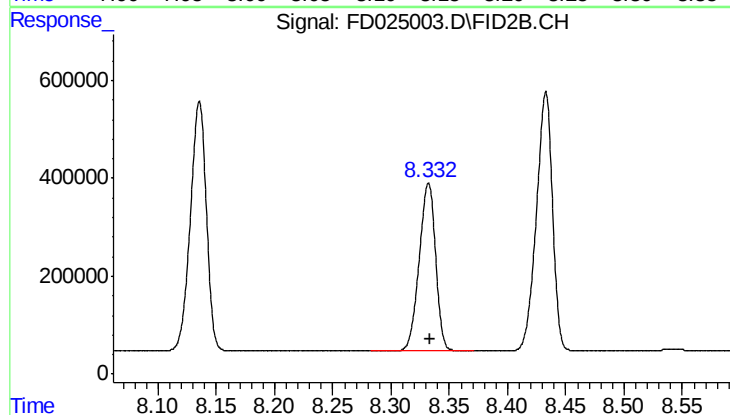
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.004 min
Response: 5010974
Conc: 54.78 ug/ml



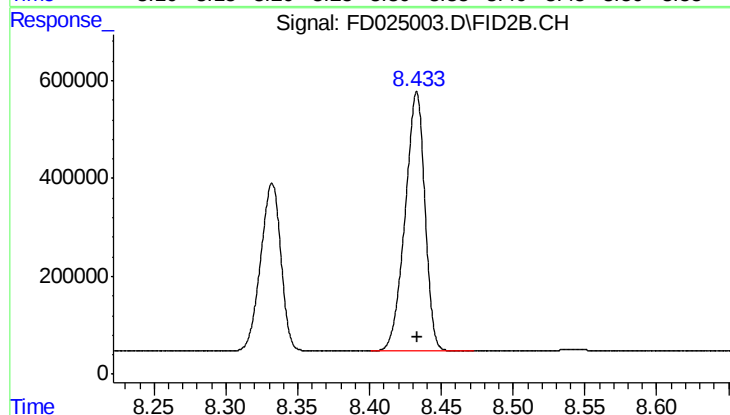
#5 Acenaphthylene (C15.06)

R.T.: 8.136 min
Delta R.T.: -0.002 min
Response: 4870174
Conc: 48.78 ug/ml



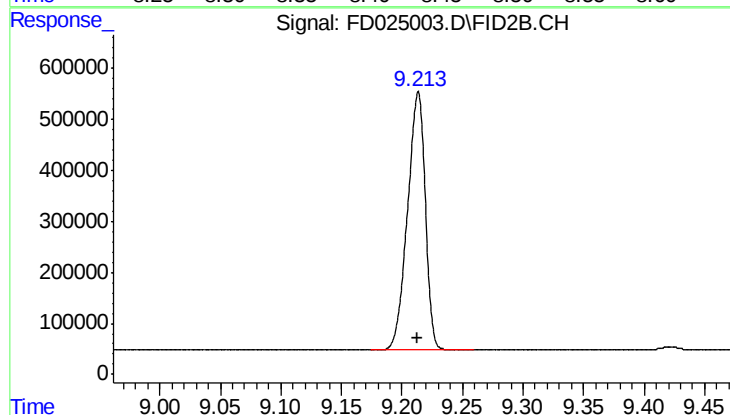
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.332 min
Delta R.T.: -0.001 min
Response: 3353971
Conc: 52.88 ug/ml



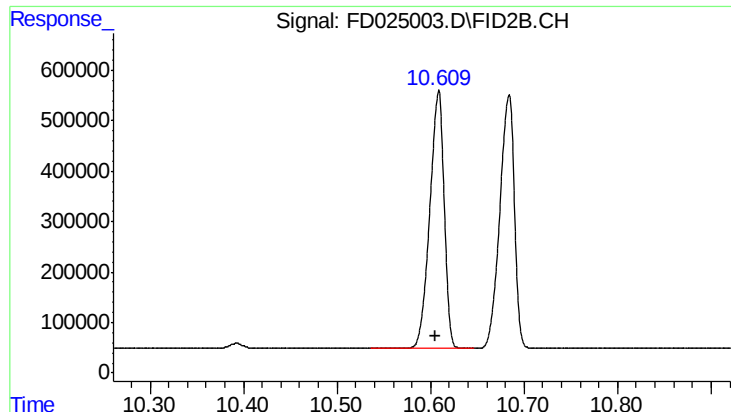
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: 0.000 min
Response: 5076256
Conc: 48.60 ug/ml



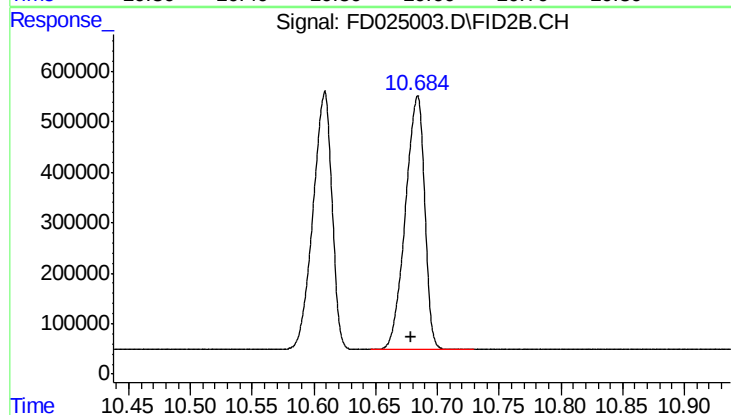
#8 Fluorene (C16.55)

R.T.: 9.214 min
Delta R.T.: 0.000 min
Response: 5169830
Conc: 49.48 ug/ml



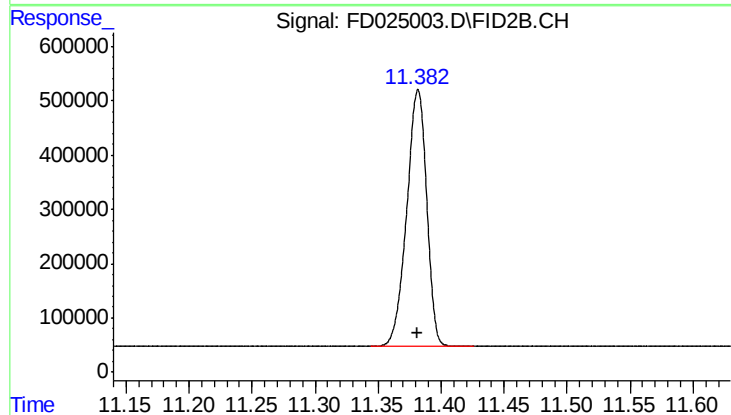
#9 Phenanthrene (C19.36)

R.T.: 10.609 min
Delta R.T.: 0.003 min
Response: 5494957
Conc: 53.44 ug/ml



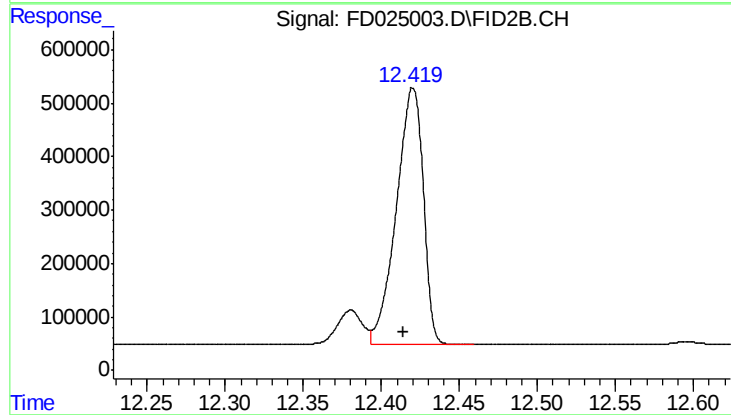
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: 0.005 min
Response: 5466705
Conc: 53.62 ug/ml



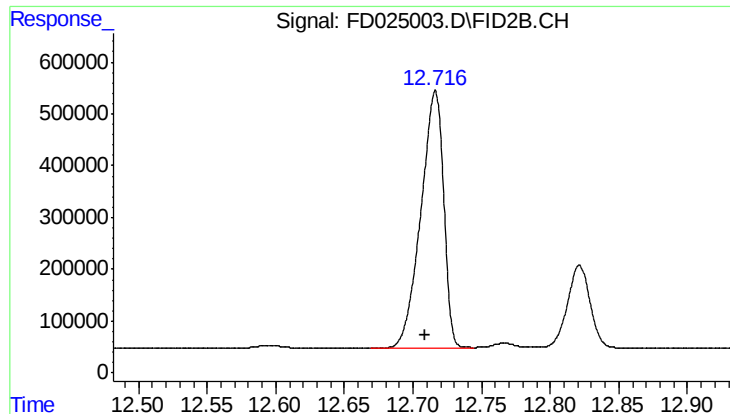
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: 0.000 min
Response: 5186432
Conc: 51.68 ug/ml



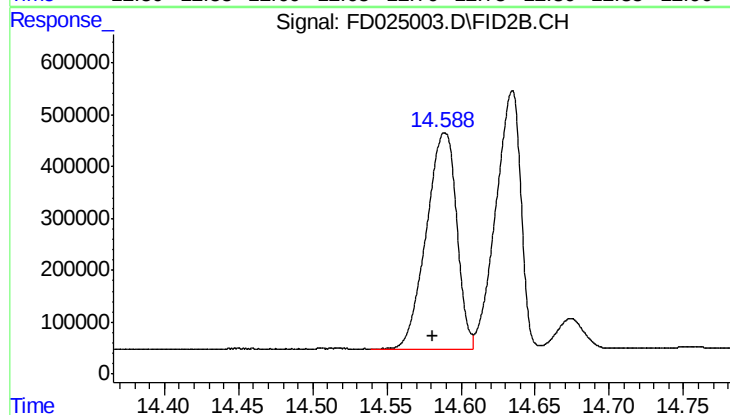
#12 Fluoranthene (C21.85)

R.T.: 12.420 min
Delta R.T.: 0.006 min
Response: 5789992
Conc: 58.07 ug/ml



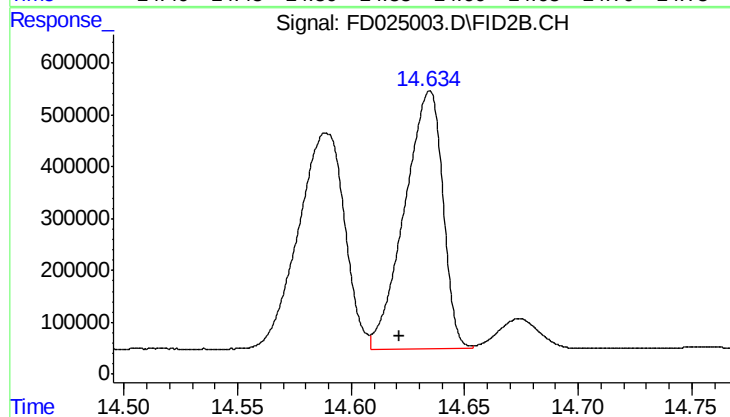
#13 Pyrene (C20.8)

R.T.: 12.716 min
Delta R.T.: 0.007 min
Response: 5730627
Conc: 57.63 ug/ml



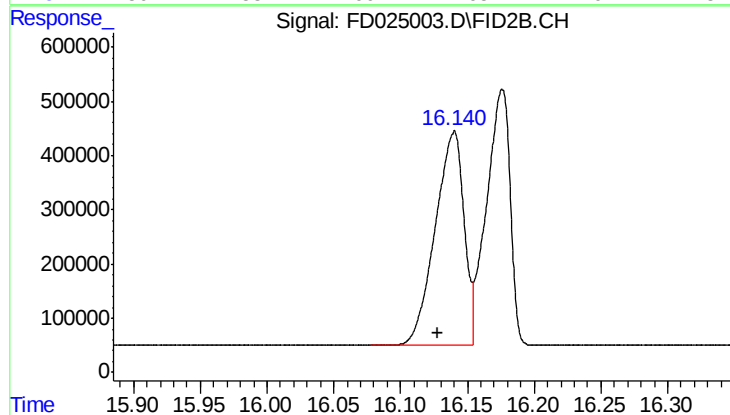
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.589 min
Delta R.T.: 0.008 min
Response: 5923845
Conc: 63.10 ug/ml



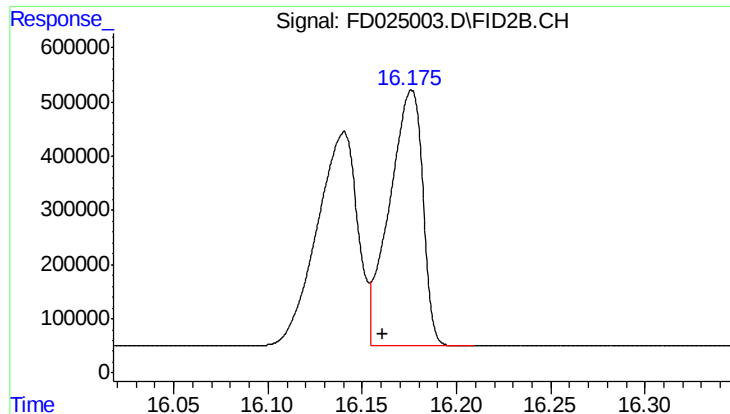
#15 Chrysene (C27.41)

R.T.: 14.634 min
Delta R.T.: 0.013 min
Response: 5832704
Conc: 61.66 ug/ml



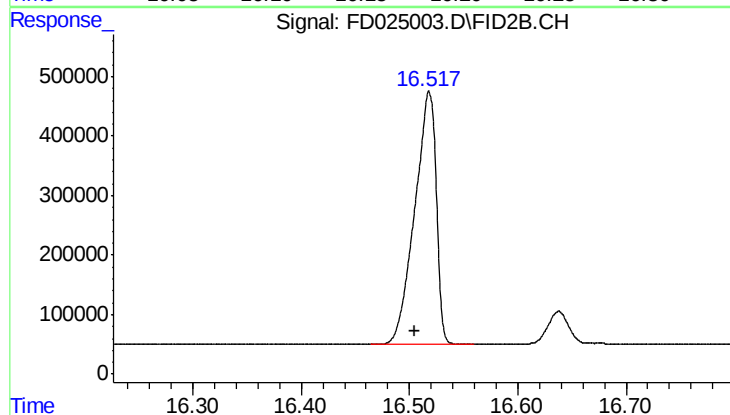
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.140 min
Delta R.T.: 0.012 min
Response: 5941801
Conc: 57.46 ug/ml



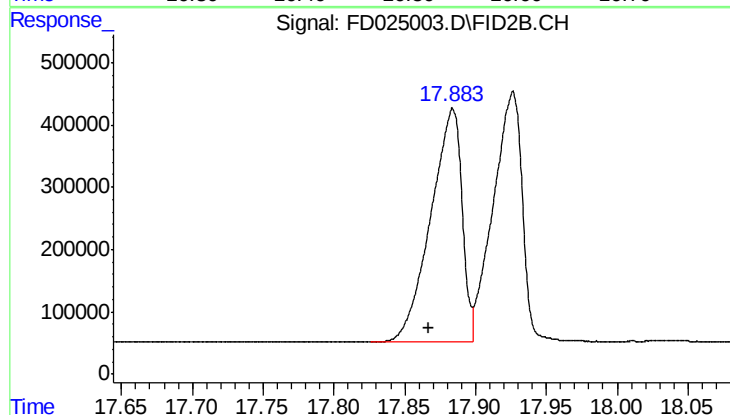
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.176 min
Delta R.T.: 0.015 min
Response: 5817242
Conc: 55.13 ug/ml



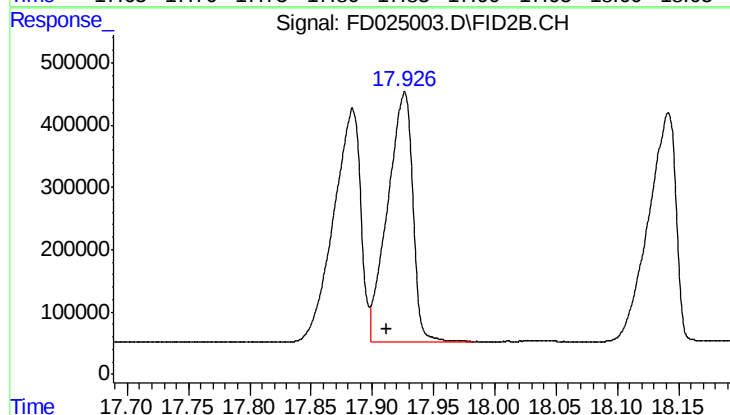
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.518 min
Delta R.T.: 0.014 min
Response: 5859281
Conc: 56.38 ug/ml



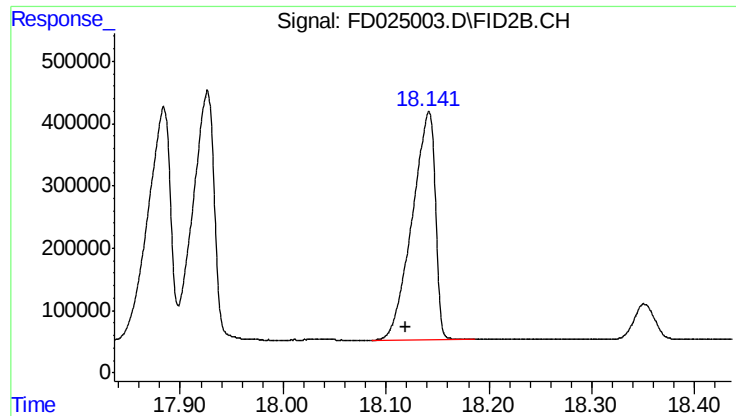
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.884 min
Delta R.T.: 0.017 min
Response: 5735146
Conc: 53.81 ug/ml



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

R.T.: 17.926 min
Delta R.T.: 0.015 min
Response: 5709788
Conc: 54.59 ug/ml



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

R.T.: 18.142 min
Delta R.T.: 0.022 min
Response: 5716231
Conc: 53.82 ug/ml