

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071218AR\
 Data File : FD025008.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jul 2018 11:00
 Operator : AJ\SJ
 Sample : AR IDOC WATER 03
 Misc : FOR SJ
 ALS Vial : 80 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 15:53:36 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	4493153	49.117 ug/ml
Spiked Amount 50.000		Recovery =	98.23%
6) S 2-Fluorobiphenyl (SURR)	8.331	3006803	47.409 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.82%
11) S ortho-Terphenyl (SURR)	11.379	4615470	45.991 ug/ml
Spiked Amount 50.000		Recovery =	91.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.268	3163539	34.039 ug/ml
2) T Naphthalene (C11.7)	5.807	4184820	41.241 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	4410268	43.377 ug/ml
5) T Acenaphthylene (C15.06)	8.134	4361637	43.683 ug/ml
7) T Acenaphthene (C15.5)	8.431	4547917	43.537 ug/ml
8) T Flouorene (C16.55)	9.211	4618311	44.201 ug/ml
9) T Phenanthrene (C19.36)	10.606	4906939	47.725 ug/ml
10) T Anthracene (C19.43)	10.681	4877260	47.839 ug/ml
12) T Fluoranthene (C21.85)	12.417	5198582	52.136 ug/ml
13) T Pyrene (C20.8)	12.712	5150151	51.792 ug/ml
14) T Benzo[a]anthracene (C...	14.584	5312811	56.591 ug/ml
15) T Chrysene (C27.41)	14.629	5231986	55.305 ug/ml
16) T benzo[b]fluoranthene ...	16.134	5335242	51.593 ug/ml
17) T Bnezo[k]fluoranthene ...	16.171	5230232	49.564 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	5254315	50.561 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.880	5134664	48.173 ug/ml
20) T Dibenz[a,h]anthracene...	17.922	5129279	49.042 ug/ml
21) T Benzo[g,h,i]perylene ...	18.137	5132786	48.324 ug/ml

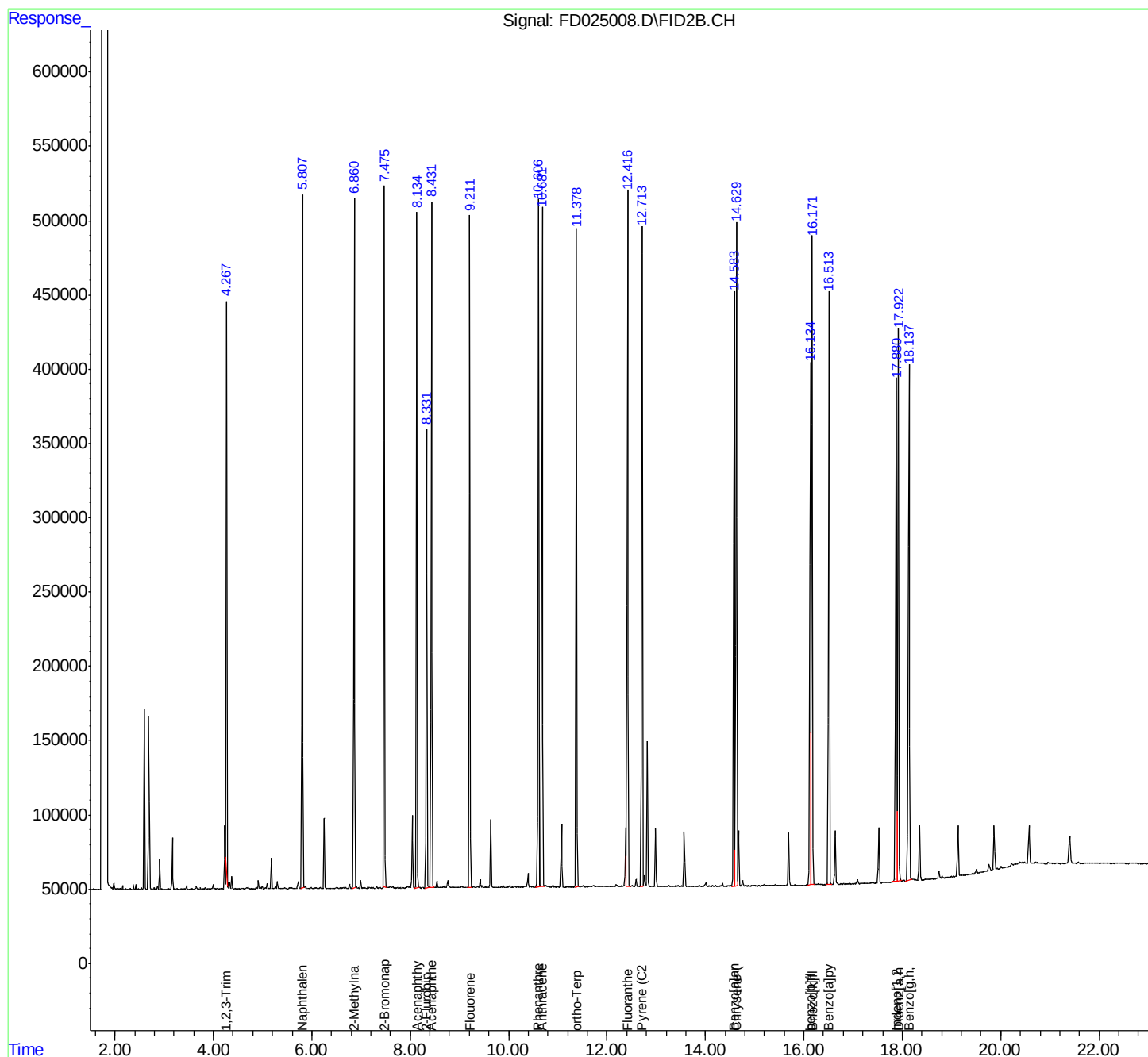
(f)=RT Delta > 1/2 Window

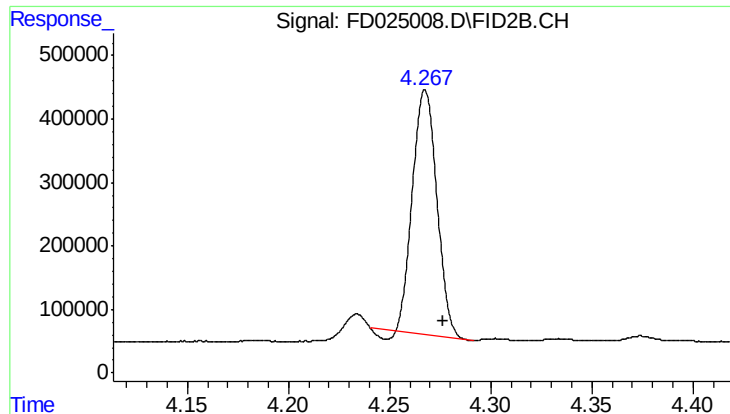
(m)=manual int.

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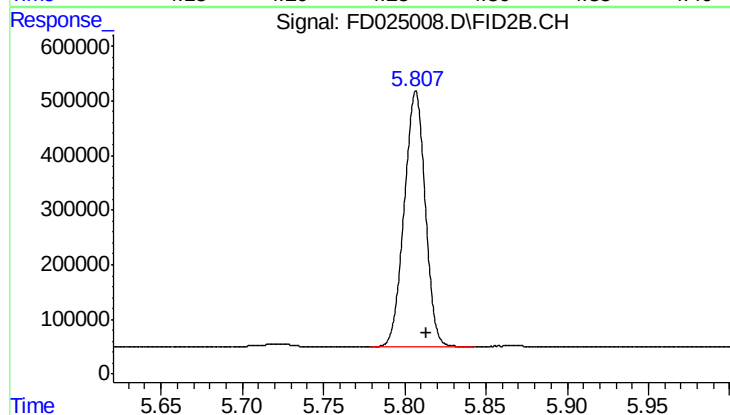
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Signal Info : 20M x 0.18mm x 0.18µm





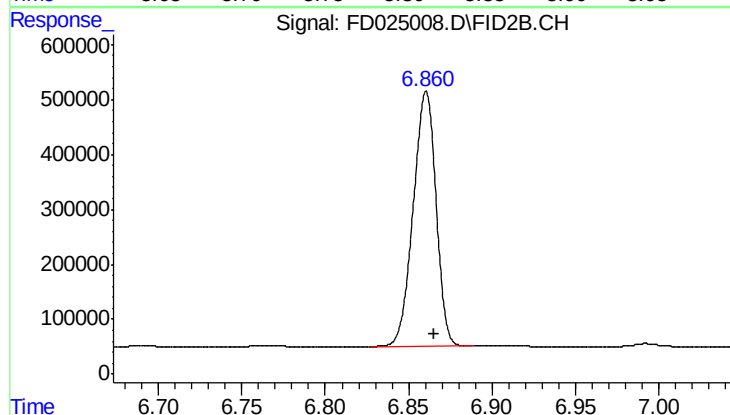
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.268 min
Delta R.T.: -0.009 min
Response: 3163539
Conc: 34.04 ug/ml



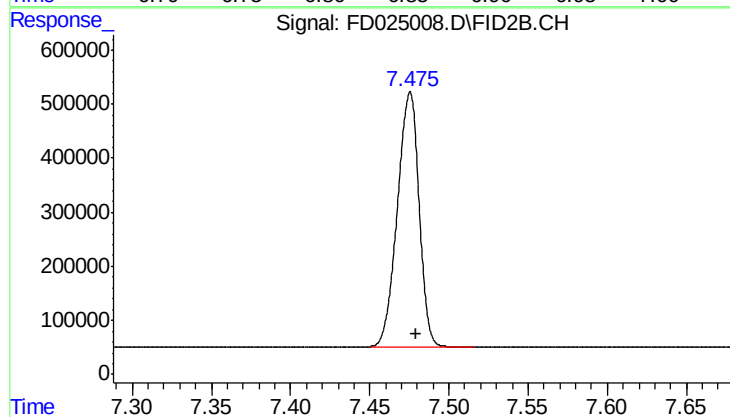
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.007 min
Response: 4184820
Conc: 41.24 ug/ml



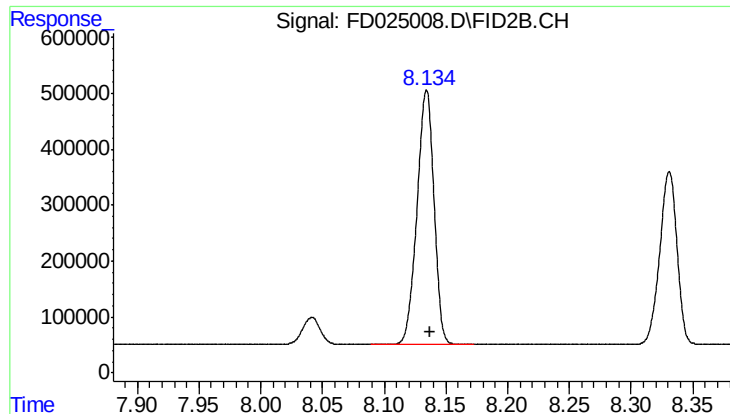
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: -0.005 min
Response: 4410268
Conc: 43.38 ug/ml



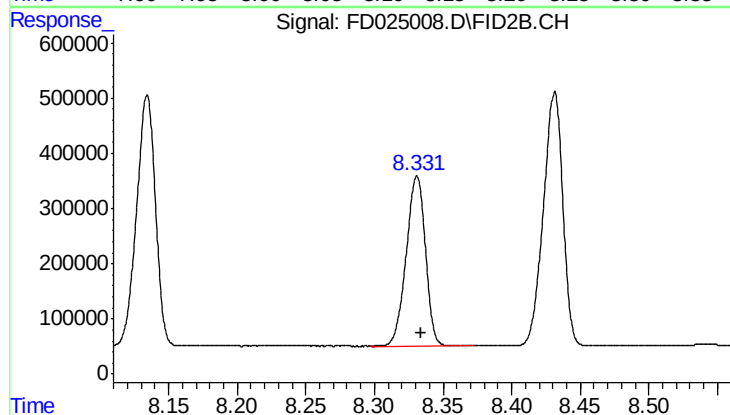
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.004 min
Response: 4493153
Conc: 49.12 ug/ml



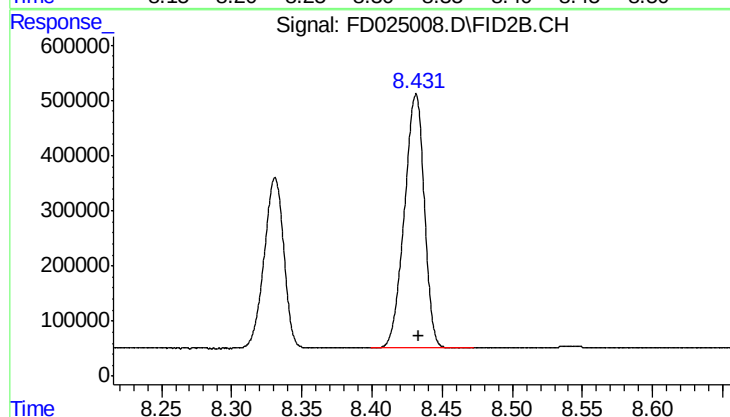
#5 Acenaphthylene (C15.06)

R.T.: 8.134 min
Delta R.T.: -0.003 min
Response: 4361637
Conc: 43.68 ug/ml



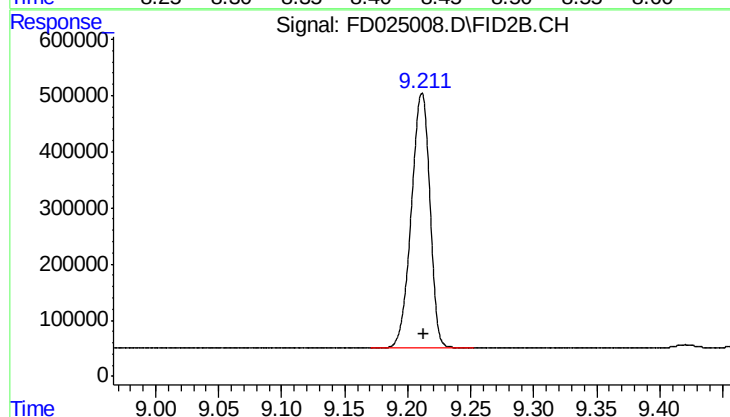
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.003 min
Response: 3006803
Conc: 47.41 ug/ml



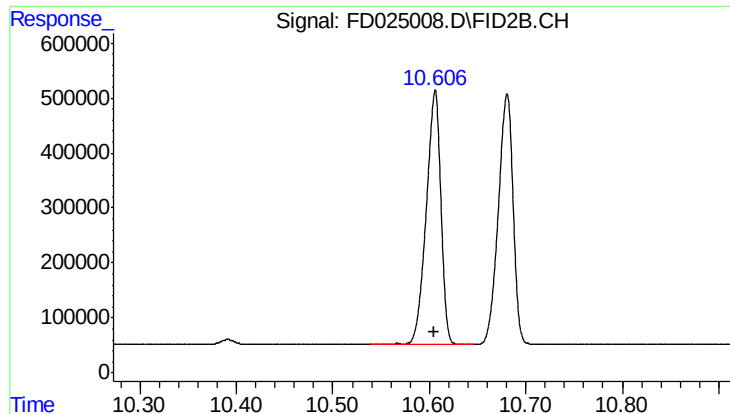
#7 Acenaphthene (C15.5)

R.T.: 8.431 min
Delta R.T.: -0.002 min
Response: 4547917
Conc: 43.54 ug/ml



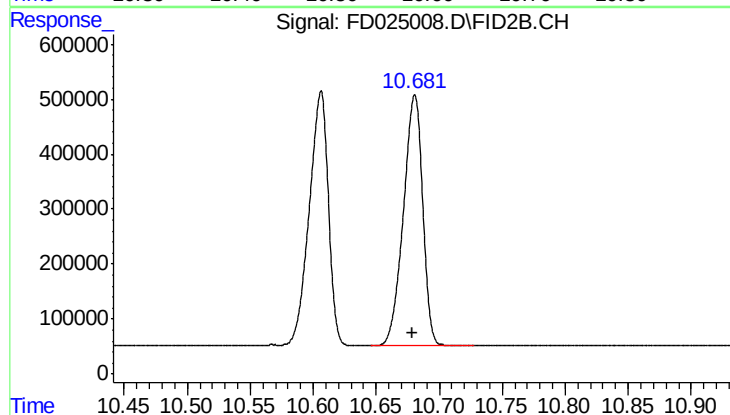
#8 Fluorene (C16.55)

R.T.: 9.211 min
Delta R.T.: -0.001 min
Response: 4618311
Conc: 44.20 ug/ml



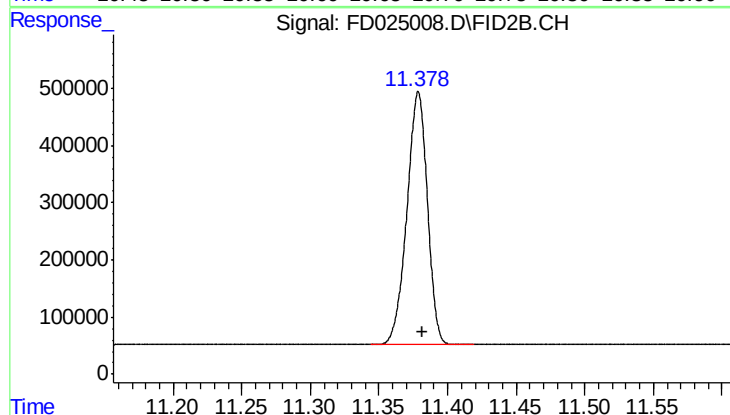
#9 Phenanthrene (C19.36)

R.T.: 10.606 min
Delta R.T.: 0.000 min
Response: 4906939
Conc: 47.73 ug/ml



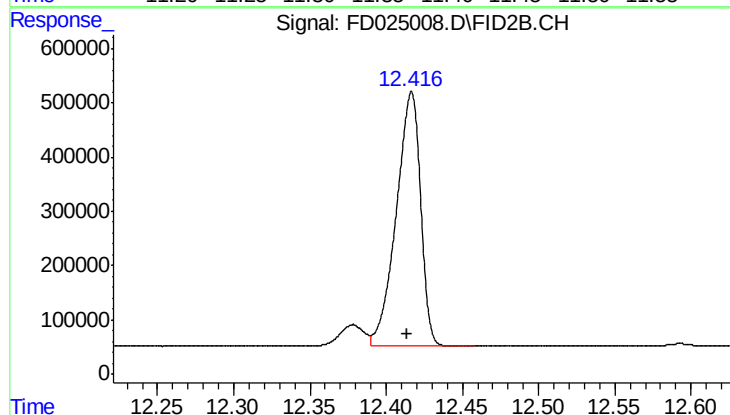
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: 0.002 min
Response: 4877260
Conc: 47.84 ug/ml



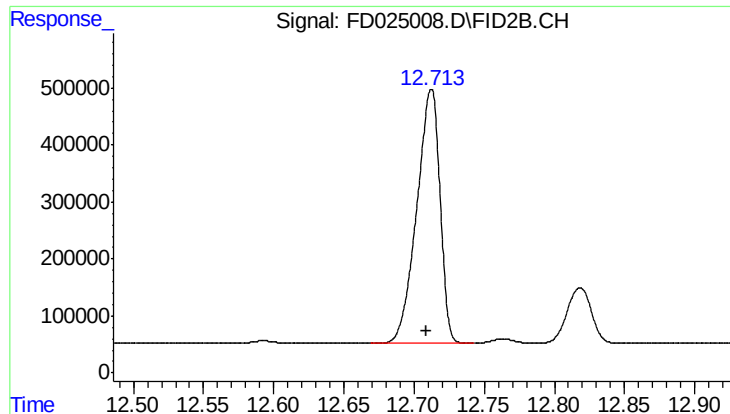
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: -0.003 min
Response: 4615470
Conc: 45.99 ug/ml



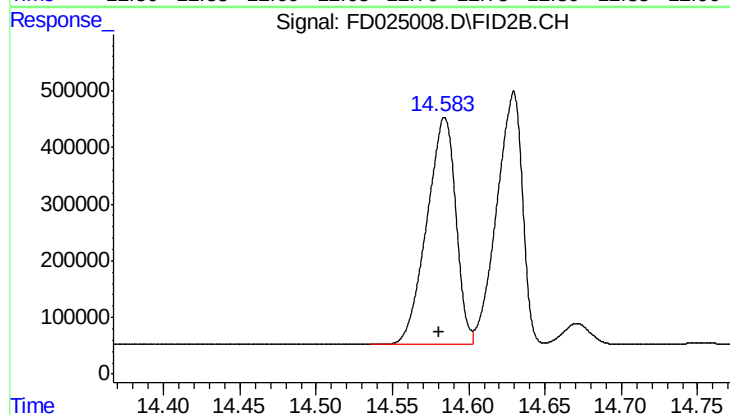
#12 Fluoranthene (C21.85)

R.T.: 12.417 min
Delta R.T.: 0.002 min
Response: 5198582
Conc: 52.14 ug/ml



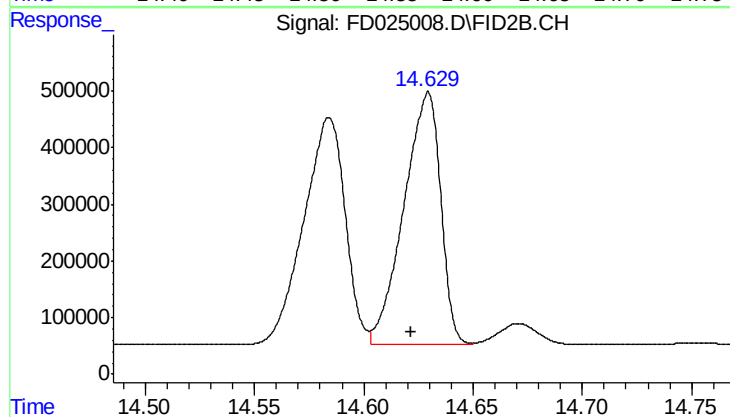
#13 Pyrene (C20.8)

R.T.: 12.712 min
Delta R.T.: 0.004 min
Response: 5150151
Conc: 51.79 ug/ml



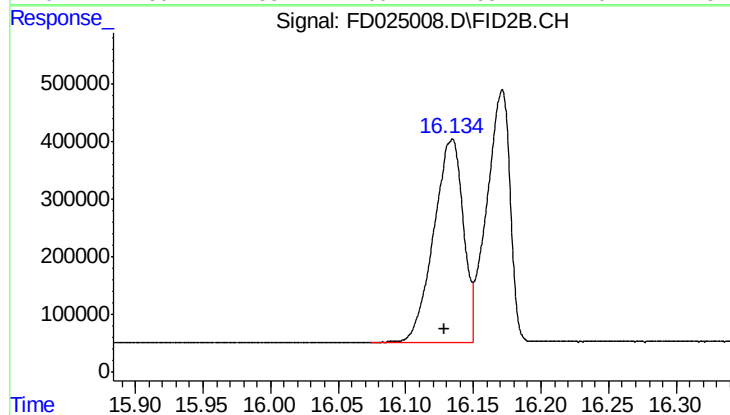
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.584 min
Delta R.T.: 0.003 min
Response: 5312811
Conc: 56.59 ug/ml



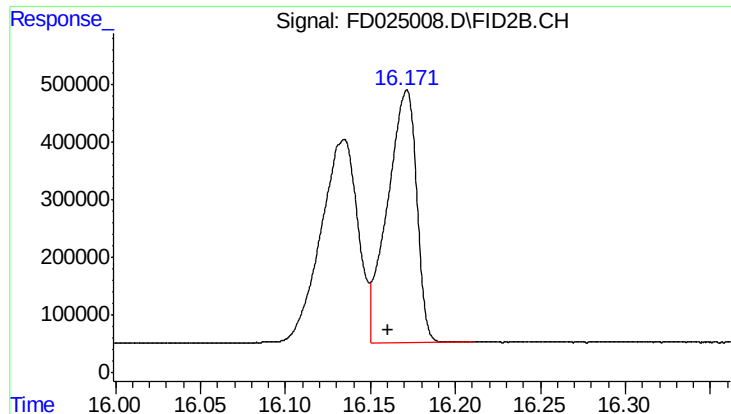
#15 Chrysene (C27.41)

R.T.: 14.629 min
Delta R.T.: 0.008 min
Response: 5231986
Conc: 55.31 ug/ml



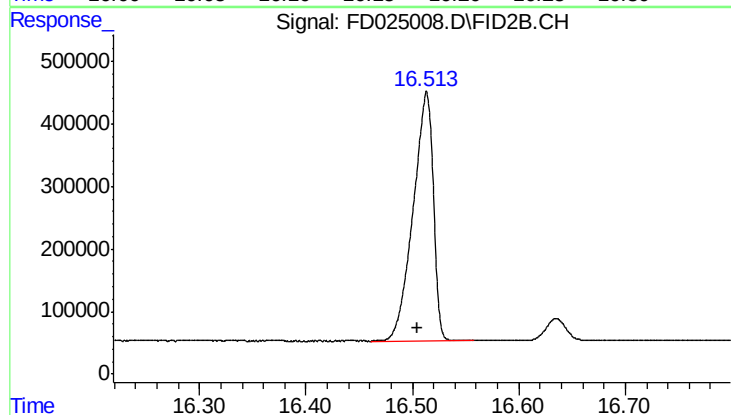
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.134 min
Delta R.T.: 0.006 min
Response: 5335242
Conc: 51.59 ug/ml



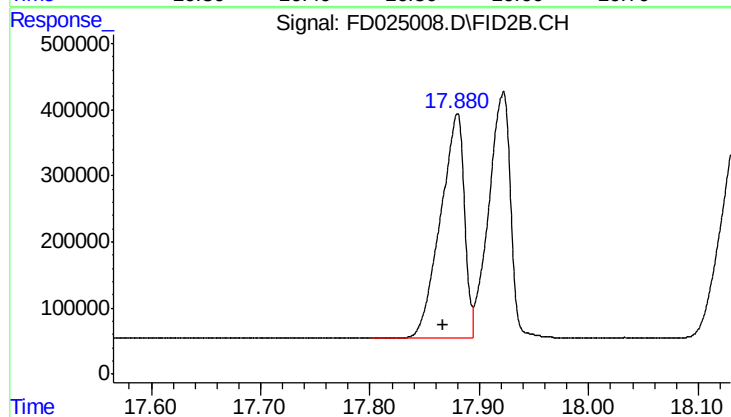
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.171 min
Delta R.T.: 0.011 min
Response: 5230232
Conc: 49.56 ug/ml



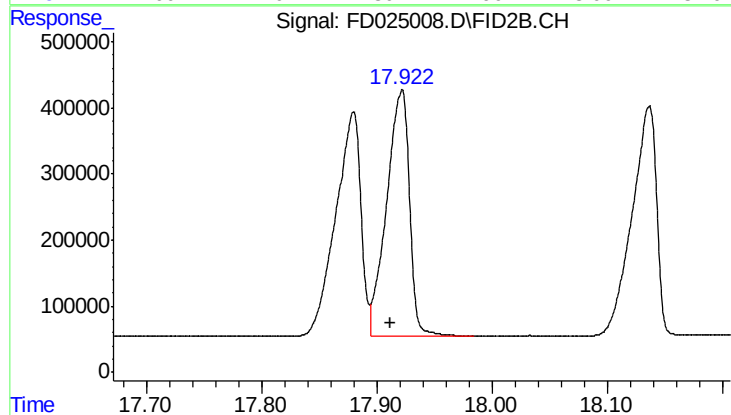
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.513 min
Delta R.T.: 0.009 min
Response: 5254315
Conc: 50.56 ug/ml



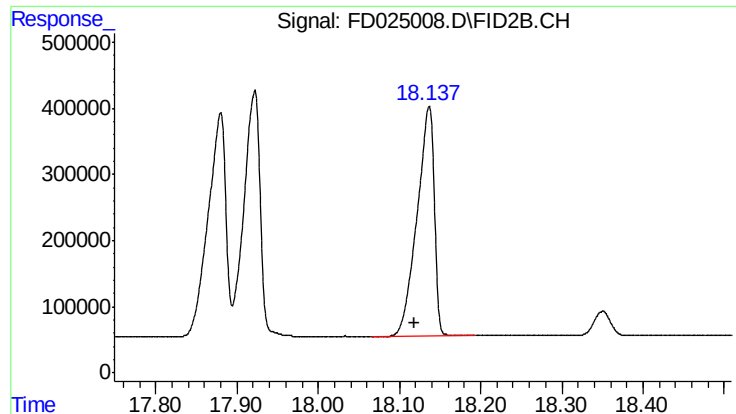
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.880 min
Delta R.T.: 0.013 min
Response: 5134664
Conc: 48.17 ug/ml



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

R.T.: 17.922 min
Delta R.T.: 0.010 min
Response: 5129279
Conc: 49.04 ug/ml



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

R.T.: 18.137 min
Delta R.T.: 0.017 min
Response: 5132786
Conc: 48.32 ug/ml