

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082018AR\
 Data File : FD025414.D
 Signal(s) : FID2B.CH
 Acq On : 20 Aug 2018 12:50
 Operator : AJ\SJ
 Sample : J4486-01MSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 14:10:04 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 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...	7.438	3690575	47.809 ug/ml
Spiked Amount 50.000		Recovery =	95.62%
6) S 2-Fluorobiphenyl (SURR)	8.292	2664938	49.562 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.12%
11) S ortho-Terphenyl (SURR)	11.336	2980596	35.122 ug/ml
Spiked Amount 50.000		Recovery =	70.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.234	1694801	21.699 ug/mlm
2) T Naphthalene (C11.7)	5.771	2076859	24.107 ug/ml
3) T 2-Methylnaphthalene (...)	6.823	2248491	26.151 ug/ml
5) T Acenaphthylene (C15.06)	8.094	2328545	27.415 ug/ml
7) T Acenaphthene (C15.5)	8.390	2422817	27.211 ug/ml
8) T Flouorene (C16.55)	9.170	2529001	28.396 ug/ml
9) T Phenanthrene (C19.36)	10.561	2833225	31.633 ug/ml
10) T Anthracene (C19.43)	10.635	2772662	31.487 ug/ml
12) T Fluoranthene (C21.85)	12.369	3091956	35.192 ug/ml
13) T Pyrene (C20.8)	12.664	3037426	34.564 ug/ml
14) T Benzo[a]anthracene (C...	14.535	3122102	37.434 ug/ml
15) T Chrysene (C27.41)	14.577	3098778	36.784 ug/ml
16) T benzo[b]fluoranthene ...	16.081	3184062	35.391 ug/ml
17) T Bnezo[k]fluoranthene ...	16.115	3107169	34.511 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.458	3133359	34.042 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.822	3011544	31.920 ug/ml
20) T Dibenz[a,h]anthracene...	17.862	2902931	31.722 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	3102030	32.021 ug/ml

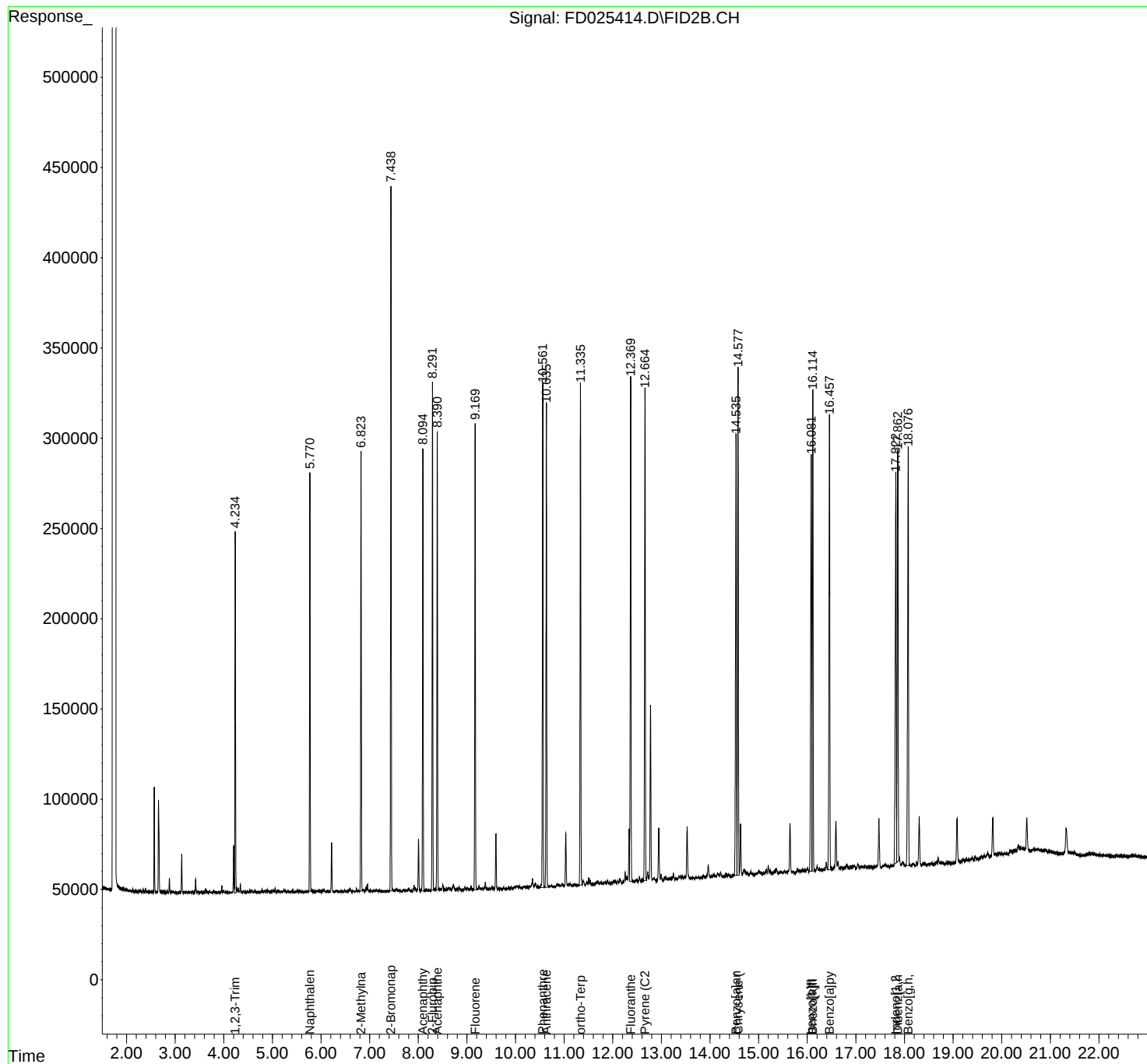
(f)=RT Delta > 1/2 Window

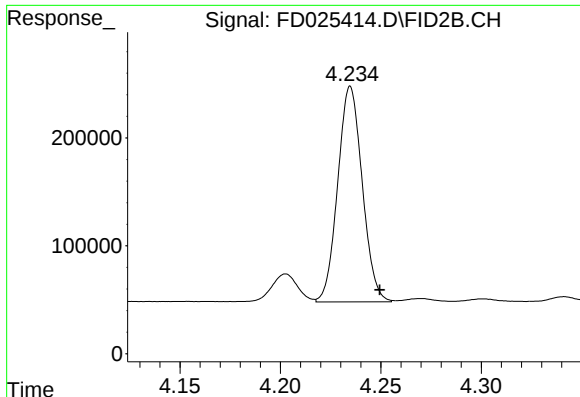
(m)=manual int.

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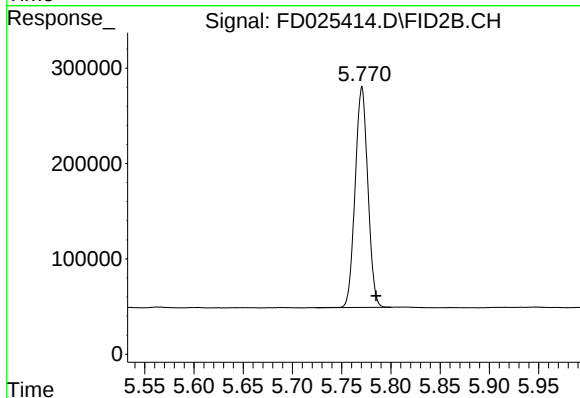
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Signal Info : 20M x 0.18mm x 0.18µm





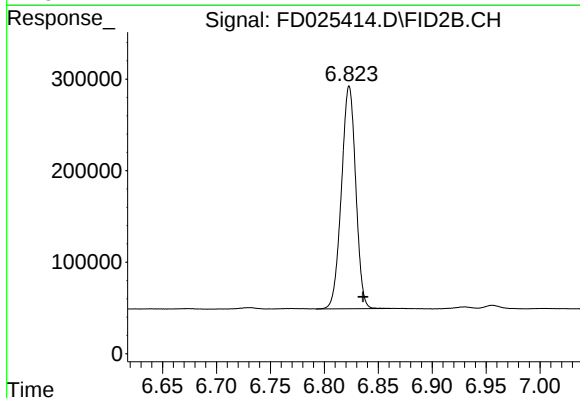
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.234 min
Delta R.T.: -0.015 min
Response: 1694801
Conc: 21.70 ug/ml m



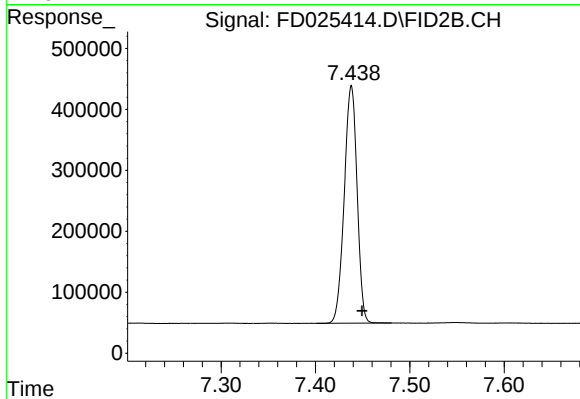
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 2076859
Conc: 24.11 ug/ml



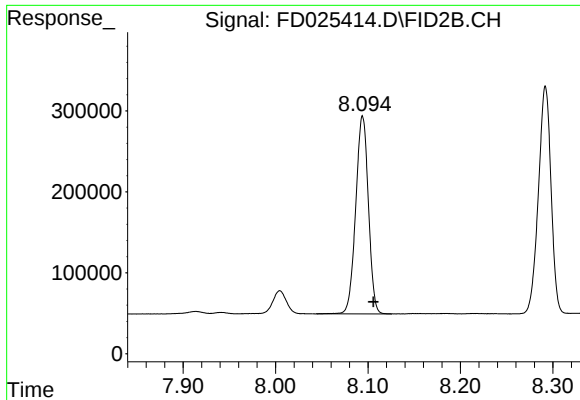
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.823 min
Delta R.T.: -0.013 min
Response: 2248491
Conc: 26.15 ug/ml



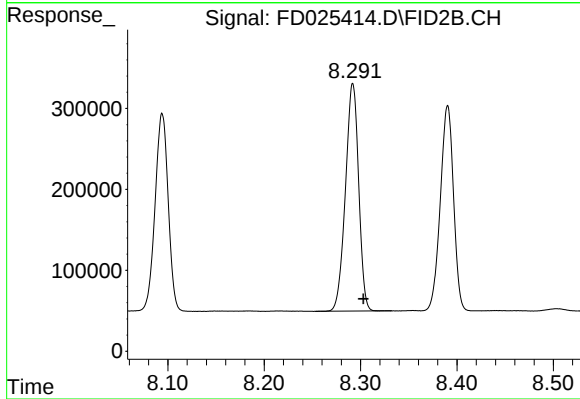
#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min
Delta R.T.: -0.011 min
Response: 3690575
Conc: 47.81 ug/ml



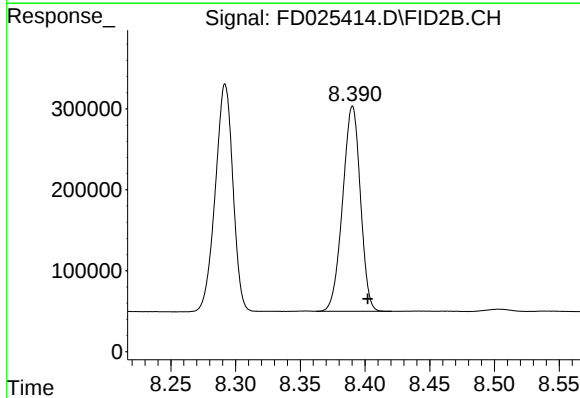
#5 Acenaphthylene (C15.06)

R.T.: 8.094 min
Delta R.T.: -0.012 min
Response: 2328545
Conc: 27.41 ug/ml



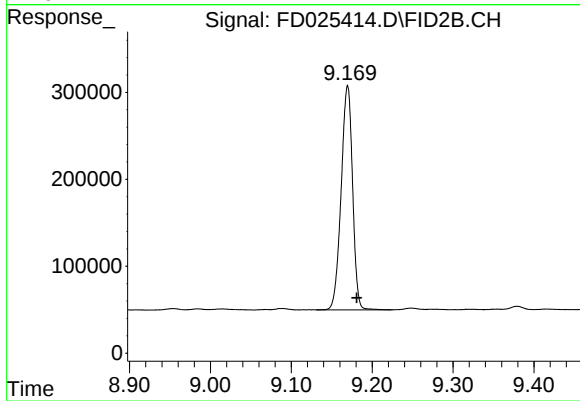
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.292 min
Delta R.T.: -0.011 min
Response: 2664938
Conc: 49.56 ug/ml



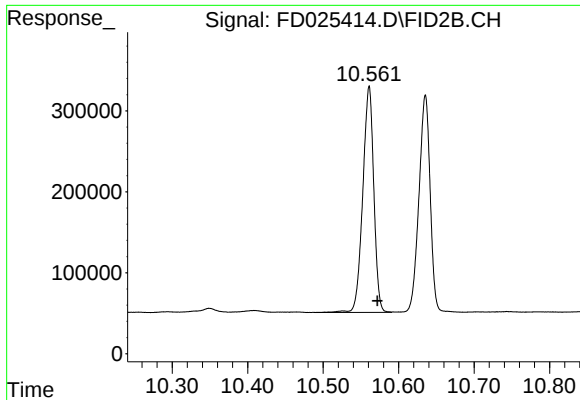
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: -0.012 min
Response: 2422817
Conc: 27.21 ug/ml



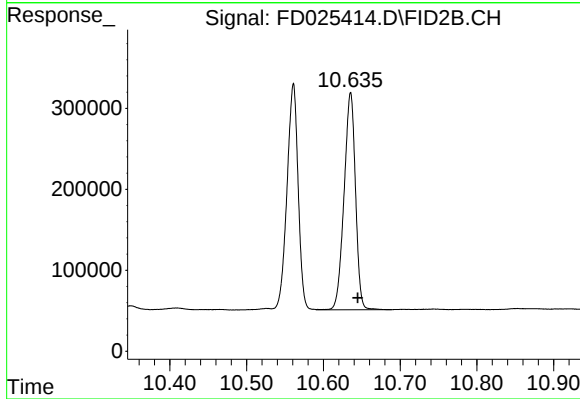
#8 Fluorene (C16.55)

R.T.: 9.170 min
Delta R.T.: -0.011 min
Response: 2529001
Conc: 28.40 ug/ml



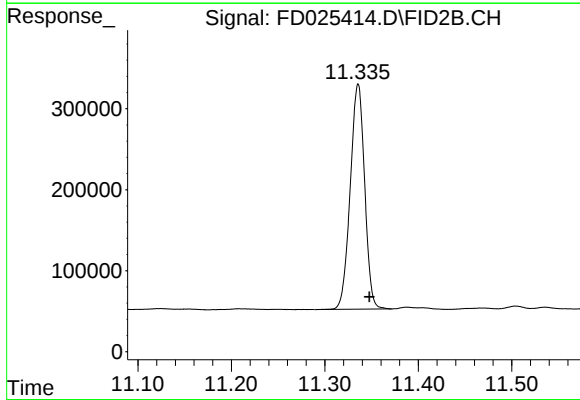
#9 Phenanthrene (C19.36)

R.T.: 10.561 min
Delta R.T.: -0.011 min
Response: 2833225
Conc: 31.63 ug/ml



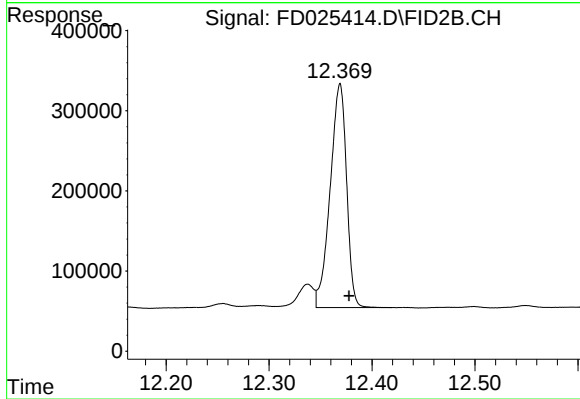
#10 Anthracene (C19.43)

R.T.: 10.635 min
Delta R.T.: -0.009 min
Response: 2772662
Conc: 31.49 ug/ml



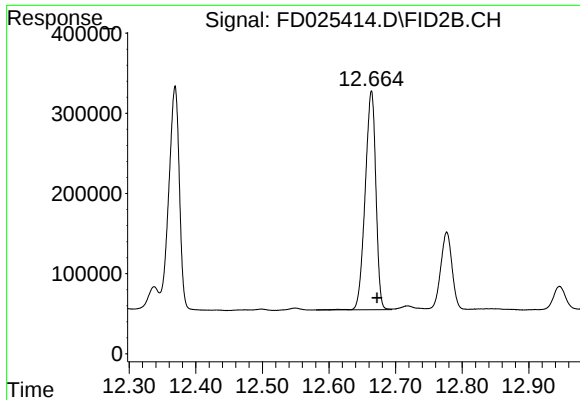
#11 ortho-Terphenyl (SURR)

R.T.: 11.336 min
Delta R.T.: -0.012 min
Response: 2980596
Conc: 35.12 ug/ml



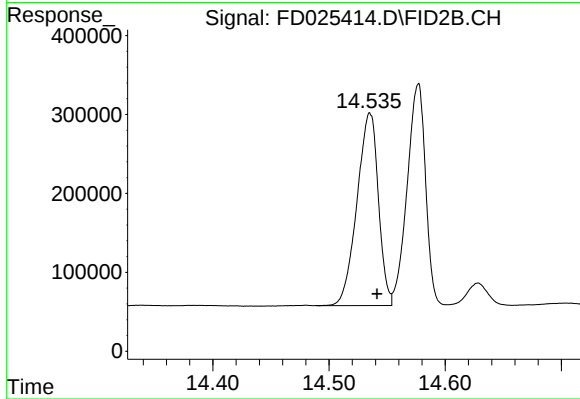
#12 Fluoranthene (C21.85)

R.T.: 12.369 min
Delta R.T.: -0.009 min
Response: 3091956
Conc: 35.19 ug/ml



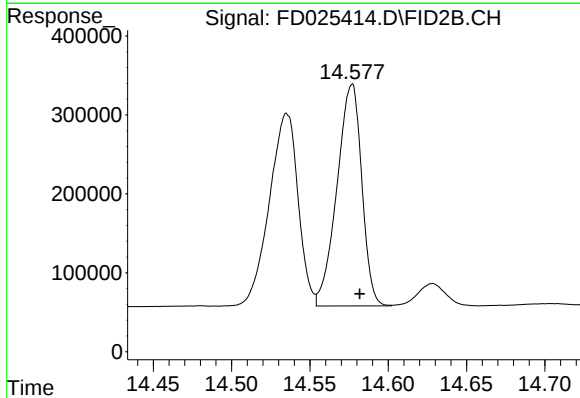
#13 Pyrene (C20.8)

R.T.: 12.664 min
Delta R.T.: -0.008 min
Response: 3037426
Conc: 34.56 ug/ml



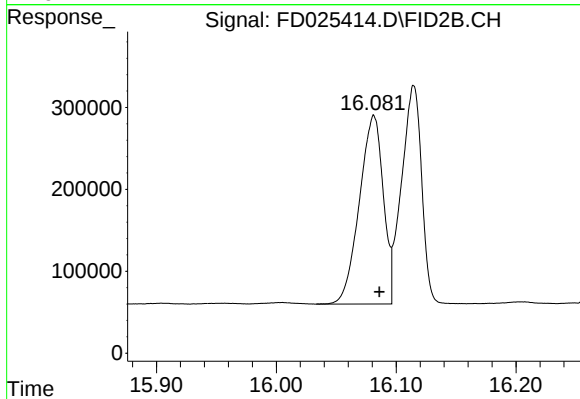
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.535 min
Delta R.T.: -0.006 min
Response: 3122102
Conc: 37.43 ug/ml



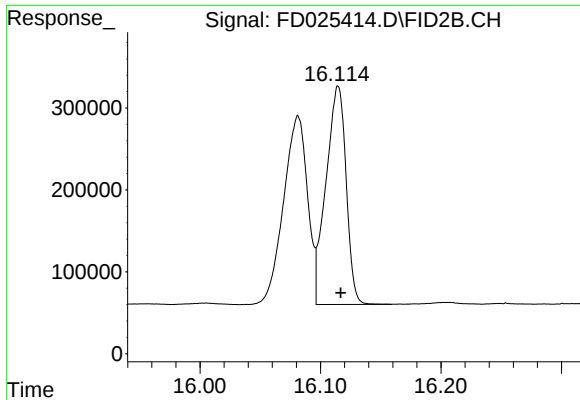
#15 Chrysene (C27.41)

R.T.: 14.577 min
Delta R.T.: -0.005 min
Response: 3098778
Conc: 36.78 ug/ml



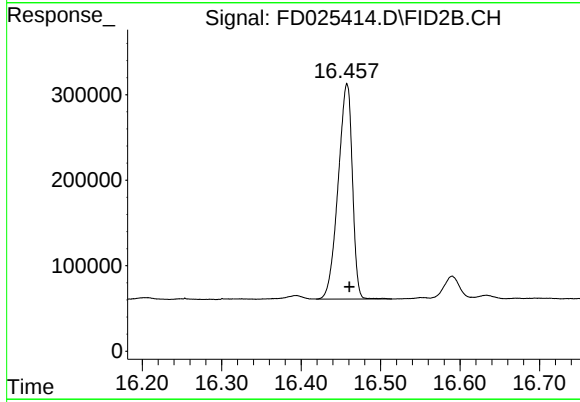
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.081 min
Delta R.T.: -0.005 min
Response: 3184062
Conc: 35.39 ug/ml



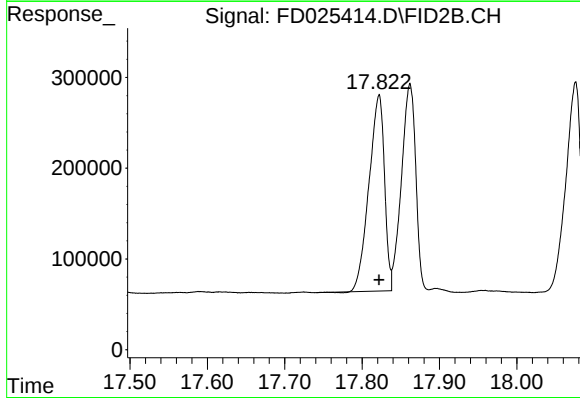
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.115 min
Delta R.T.: -0.002 min
Response: 3107169
Conc: 34.51 ug/ml



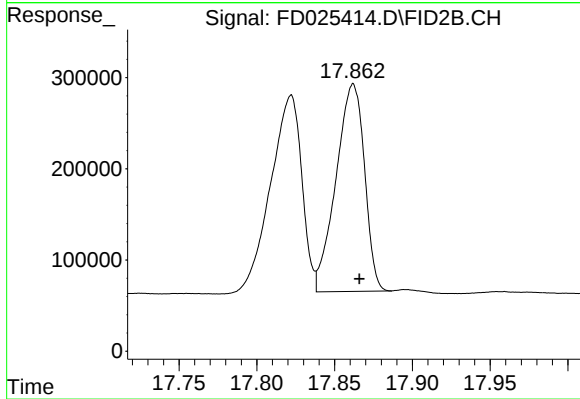
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min
Delta R.T.: -0.003 min
Response: 3133359
Conc: 34.04 ug/ml



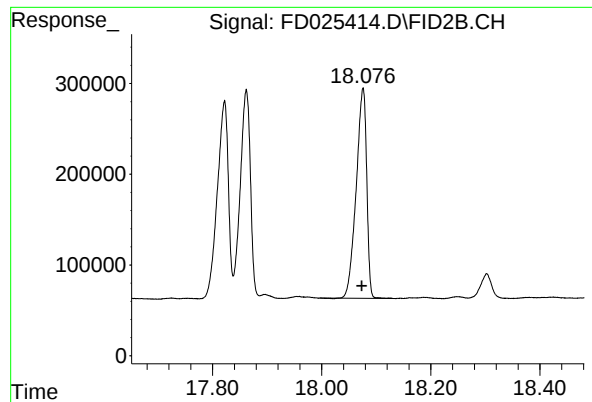
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.822 min
Delta R.T.: 0.000 min
Response: 3011544
Conc: 31.92 ug/ml



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

R.T.: 17.862 min
Delta R.T.: -0.004 min
Response: 2902931
Conc: 31.72 ug/ml



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

R.T.: 18.076 min
Delta R.T.: 0.002 min
Response: 3102030
Conc: 32.02 ug/ml