

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011221AR\
 Data File : FD036012.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jan 2021 12:39
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 13:11:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 06:30:05 2021
 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...	7.615	2687937	23.069 ug/ml
Spiked Amount 50.000		Recovery =	46.14%
6) S 2-Fluorobiphenyl (SURR)	8.475	1888591	23.092 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.18%
11) S ortho-Terphenyl (SURR)	11.520	3033121	22.181 ug/ml
Spiked Amount 50.000		Recovery =	44.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.412	2934605	23.349 ug/ml
2) T Naphthalene (C11.7)	5.951	3153909	23.159 ug/ml
3) T 2-Methylnaphthalene (...)	7.004	3165789	23.264 ug/ml
5) T Acenaphthylene (C15.06)	8.279	2988338	22.912 ug/ml
7) T Acenaphthene (C15.5)	8.575	3082790	22.925 ug/ml
8) T Fluorene (C16.55)	9.355	3012582	22.856 ug/ml
9) T Phenanthrene (C19.36)	10.751	2985450	22.386 ug/ml
10) T Anthracene (C19.43)	10.825	2928804	22.200 ug/ml
12) T Fluoranthene (C21.85)	12.561	2908835	21.792 ug/ml
13) T Pyrene (C20.8)	12.858	2844654	21.659 ug/ml
14) T Benzo[a]anthracene (C...	14.727	2553214	21.172 ug/ml
15) T Chrysene (C27.41)	14.769	2639868	21.222 ug/ml
16) T benzo[b]fluoranthene ...	16.275	2390555	20.825 ug/ml
17) T Bnezo[k]fluoranthene ...	16.307	2340467	20.877 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	2171088	20.833 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.013	2189769	21.083 ug/ml
20) T Dibenz[a,h]anthracene...	18.054	2257889	21.373 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	2230622	21.548 ug/ml

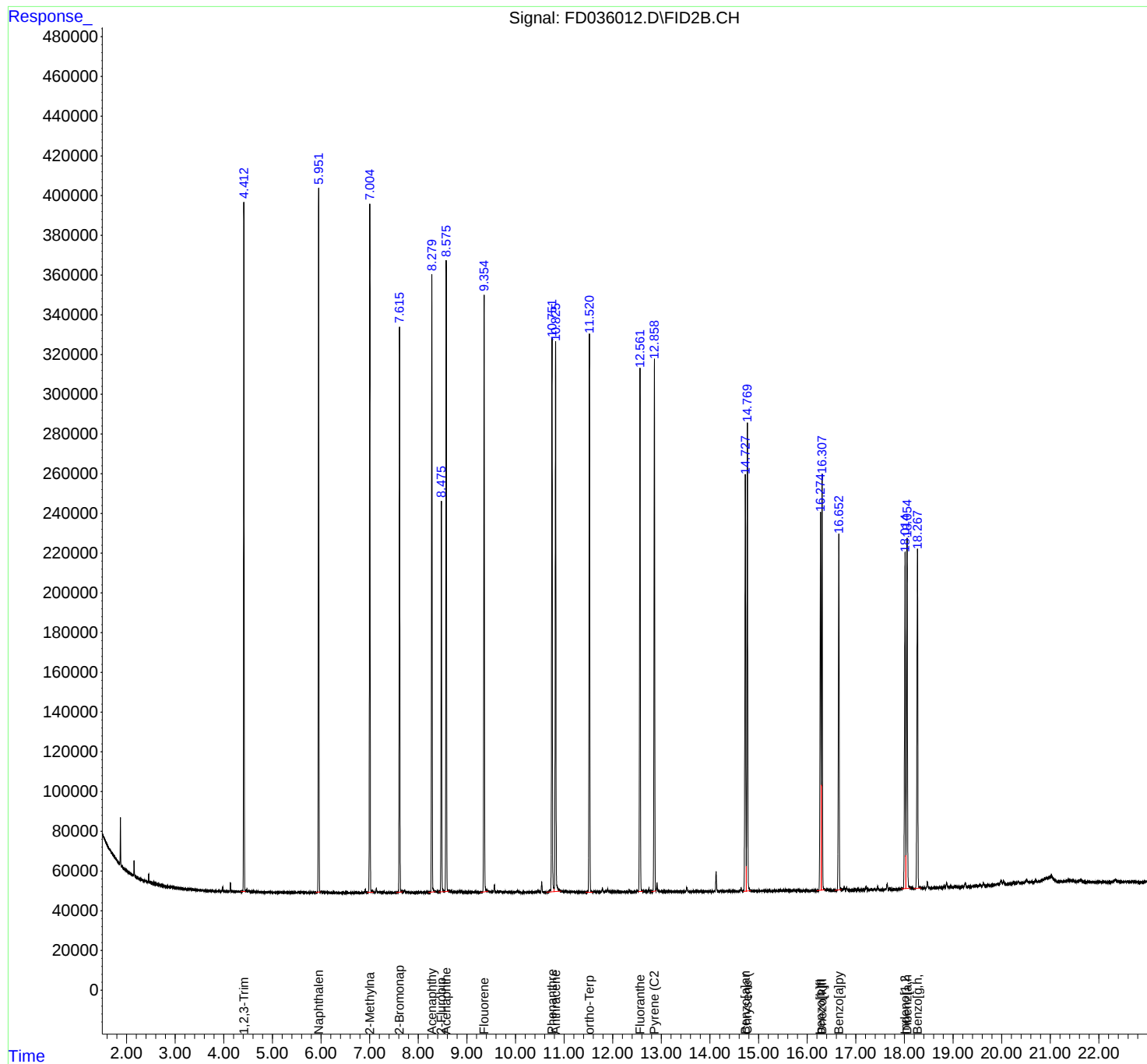
(f)=RT Delta > 1/2 Window

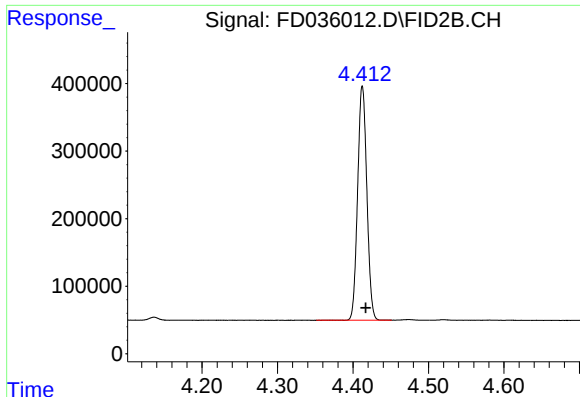
(m)=manual int.

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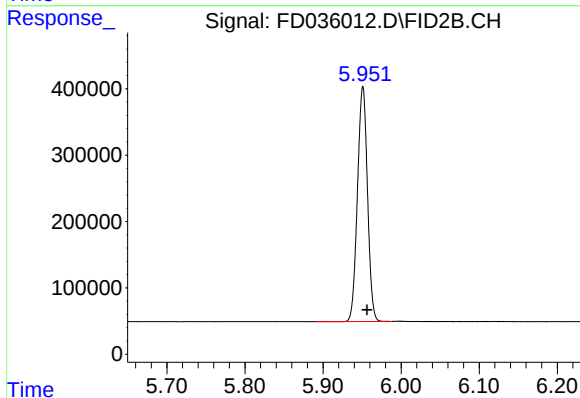
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Signal Info : 20M x 0.18mm x 0.18µm





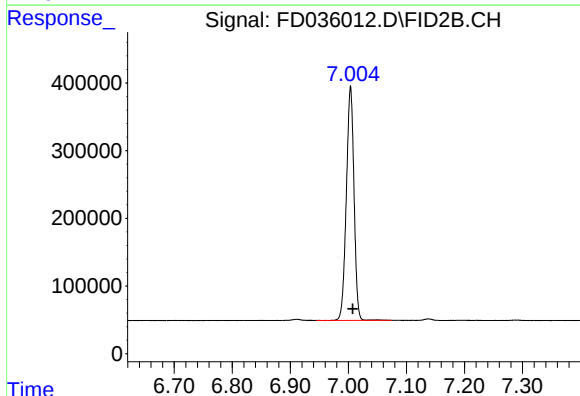
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.412 min
Delta R.T.: -0.005 min
Response: 2934605
Conc: 23.35 ug/ml



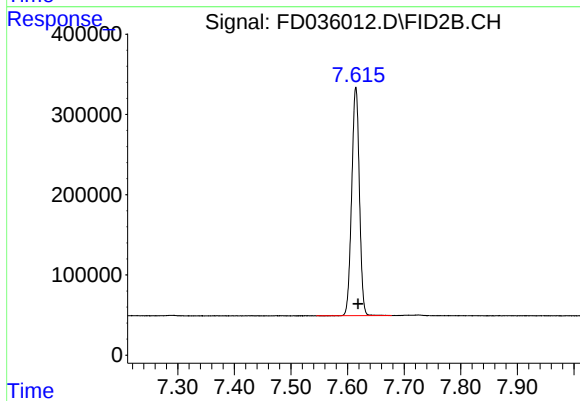
#2 Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.005 min
Response: 3153909
Conc: 23.16 ug/ml



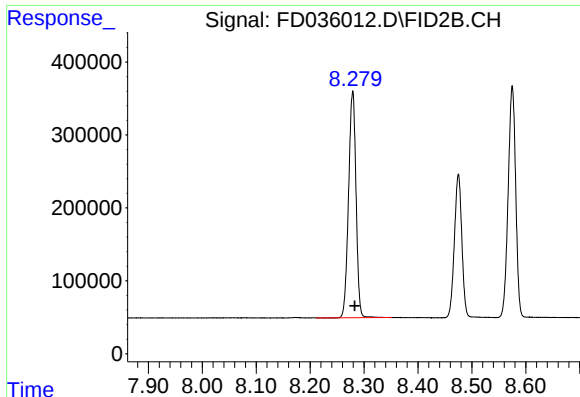
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.004 min
Response: 3165789
Conc: 23.26 ug/ml



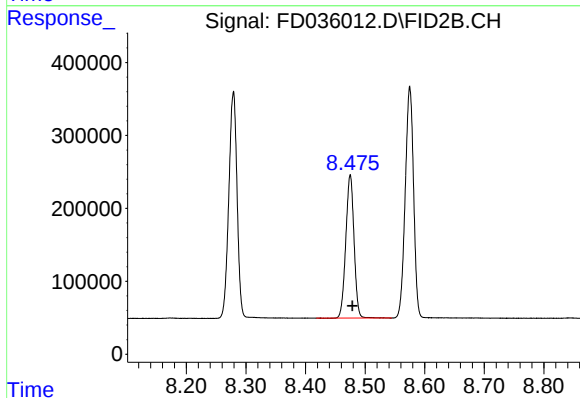
#4 2-Bromonaphthalene (SURR)

R.T.: 7.615 min
Delta R.T.: -0.004 min
Response: 2687937
Conc: 23.07 ug/ml



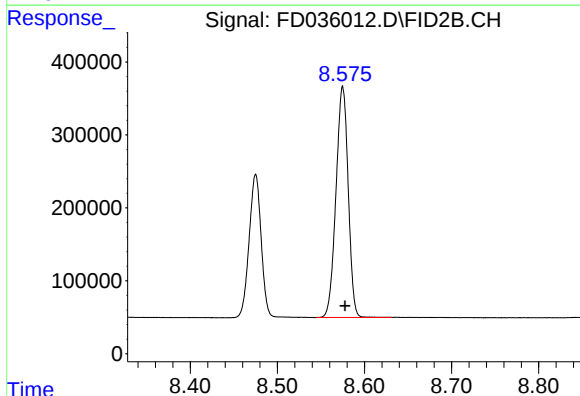
#5 Acenaphthylene (C15.06)

R.T.: 8.279 min
Delta R.T.: -0.004 min
Response: 2988338
Conc: 22.91 ug/ml



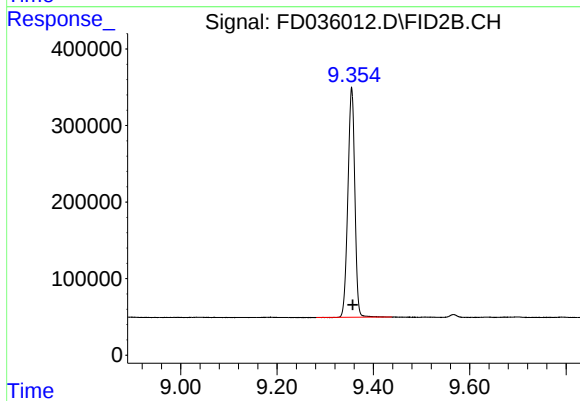
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.475 min
Delta R.T.: -0.004 min
Response: 1888591
Conc: 23.09 ug/ml



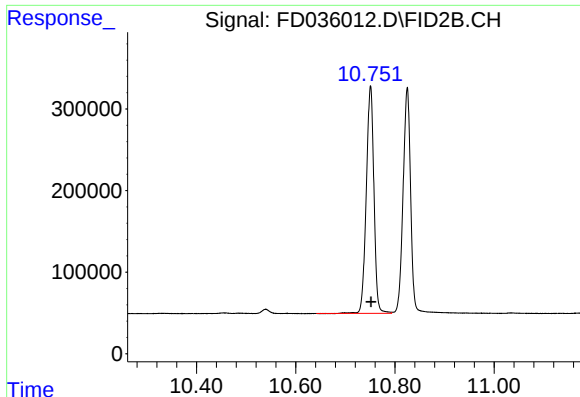
#7 Acenaphthene (C15.5)

R.T.: 8.575 min
Delta R.T.: -0.003 min
Response: 3082790
Conc: 22.92 ug/ml



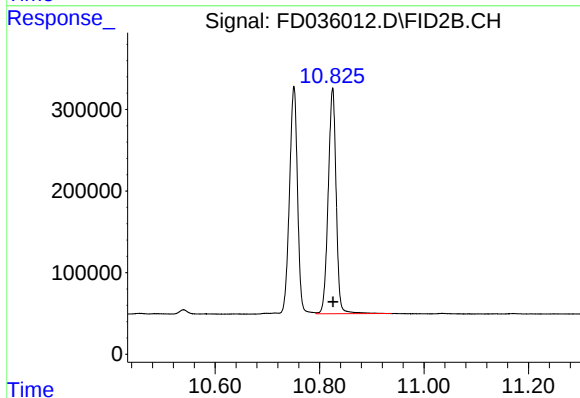
#8 Flouorene (C16.55)

R.T.: 9.355 min
Delta R.T.: -0.002 min
Response: 3012582
Conc: 22.86 ug/ml



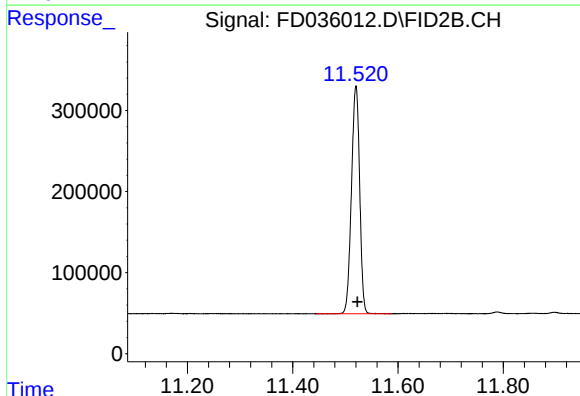
#9 Phenanthrene (C19.36)

R.T.: 10.751 min
Delta R.T.: -0.001 min
Response: 2985450
Conc: 22.39 ug/ml



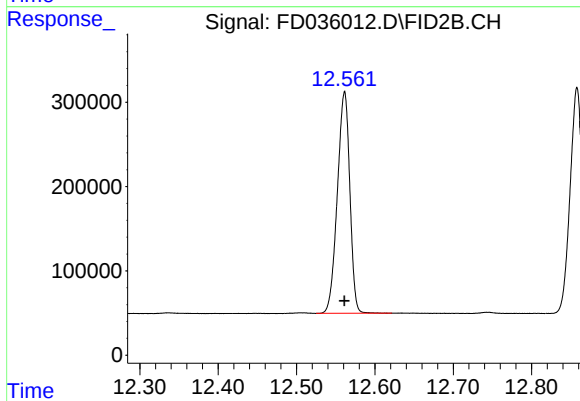
#10 Anthracene (C19.43)

R.T.: 10.825 min
Delta R.T.: -0.002 min
Response: 2928804
Conc: 22.20 ug/ml



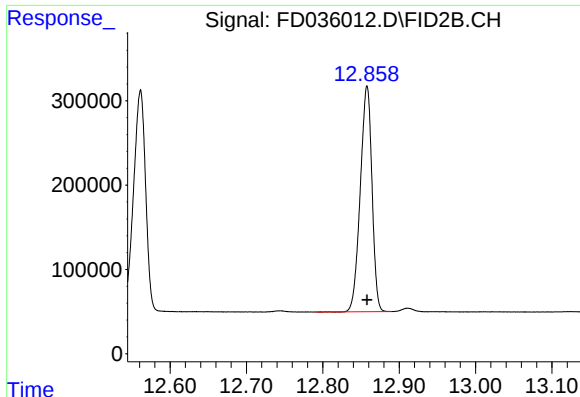
#11 ortho-Terphenyl (SURR)

R.T.: 11.520 min
Delta R.T.: -0.003 min
Response: 3033121
Conc: 22.18 ug/ml



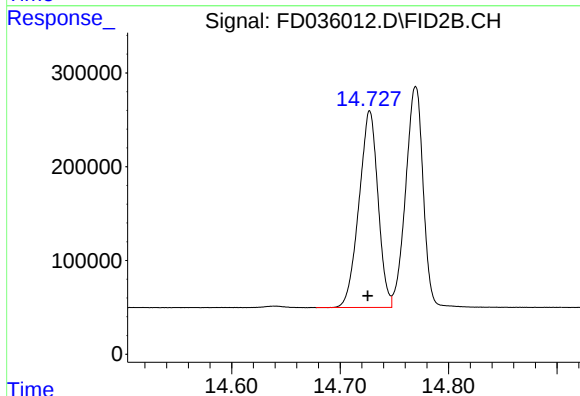
#12 Fluoranthene (C21.85)

R.T.: 12.561 min
Delta R.T.: 0.000 min
Response: 2908835
Conc: 21.79 ug/ml



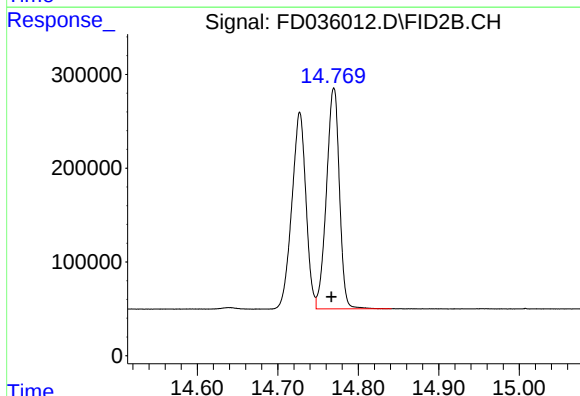
#13 Pyrene (C20.8)

R.T.: 12.858 min
Delta R.T.: 0.000 min
Response: 2844654
Conc: 21.66 ug/ml



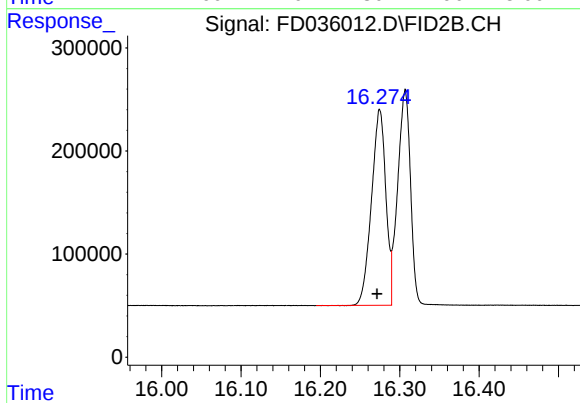
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.727 min
Delta R.T.: 0.002 min
Response: 2553214
Conc: 21.17 ug/ml



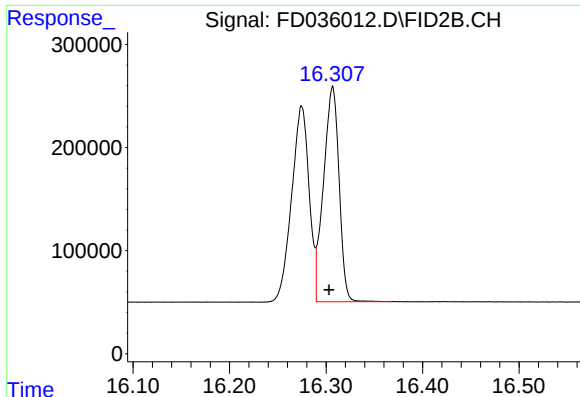
#15 Chrysene (C27.41)

R.T.: 14.769 min
Delta R.T.: 0.003 min
Response: 2639868
Conc: 21.22 ug/ml



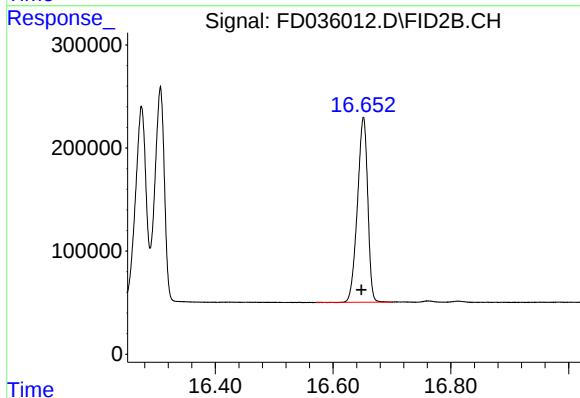
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.275 min
Delta R.T.: 0.003 min
Response: 2390555
Conc: 20.83 ug/ml



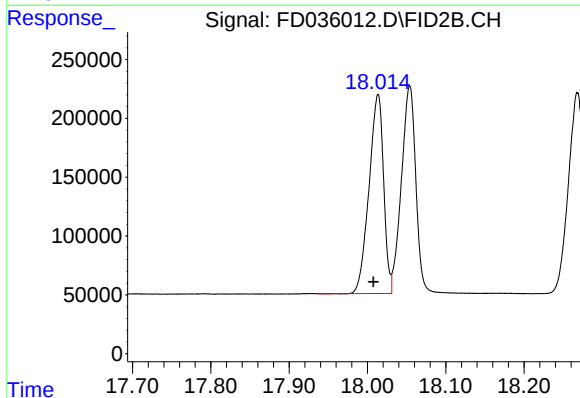
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.307 min
Delta R.T.: 0.004 min
Response: 2340467
Conc: 20.88 ug/ml



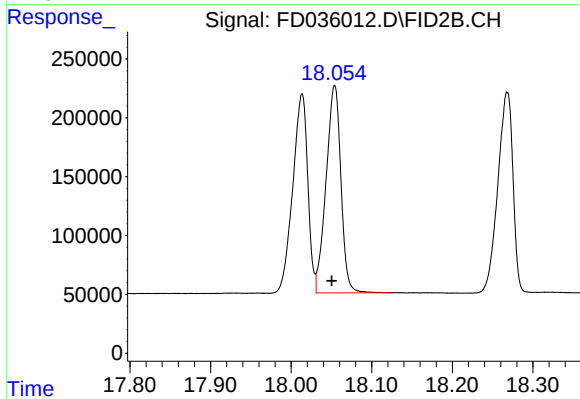
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: 0.003 min
Response: 2171088
Conc: 20.83 ug/ml



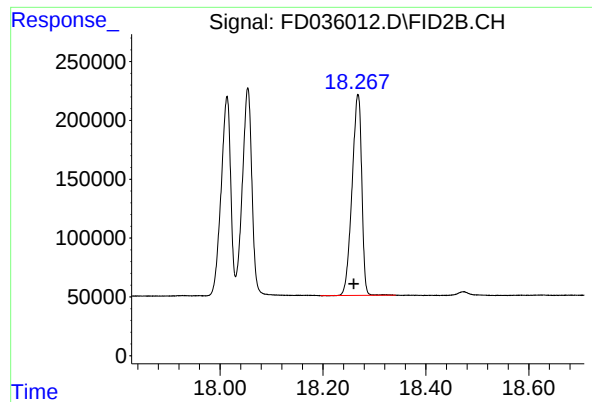
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.013 min
Delta R.T.: 0.005 min
Response: 2189769
Conc: 21.08 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.003 min
Response: 2257889
Conc: 21.37 ug/ml



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

R.T.: 18.268 min
Delta R.T.: 0.008 min
Response: 2230622
Conc: 21.55 ug/ml