

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072820AR\
 Data File : FD034210.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jul 2020 5:13
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 29 05:55:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 2020
 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...	7.713	2381265	19.826 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
6) S 2-Fluorobiphenyl (SURR)	8.582	1611852	19.017 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.03%
11) S ortho-Terphenyl (SURR)	11.622	2496384	18.451 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	2757440	20.878 ug/ml
2) T Naphthalene (C11.7)	6.051	2799712	20.213 ug/ml
3) T 2-Methylnaphthalene (...)	7.106	2761248	19.827 ug/ml
5) T Acenaphthylene (C15.06)	8.384	2562522	19.061 ug/ml
7) T Acenaphthene (C15.5)	8.680	2620045	19.142 ug/ml
8) T Fluorene (C16.55)	9.462	2525084	18.780 ug/ml
9) T Phenanthrene (C19.36)	10.862	2438651	18.248 ug/ml
10) T Anthracene (C19.43)	10.937	2231396	16.816 ug/ml
12) T Fluoranthene (C21.85)	12.677	2385574	17.956 ug/ml
13) T Pyrene (C20.8)	12.975	2330380	17.976 ug/ml
14) T Benzo[a]anthracene (C...	14.848	2293279	18.422 ug/ml
15) T Chrysene (C27.41)	14.848	2293279	18.467 ug/ml
16) T benzo[b]fluoranthene ...	16.401	2352215	19.771 ug/ml
17) T Bnezo[k]fluoranthene ...	16.401	2352215	20.300 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.781	2309357	19.845 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.147	2345475	21.066 ug/ml
20) T Dibenz[a,h]anthracene...	18.147	2345475	21.228 ug/ml
21) T Benzo[g,h,i]perylene ...	18.403	2324386	21.048 ug/ml

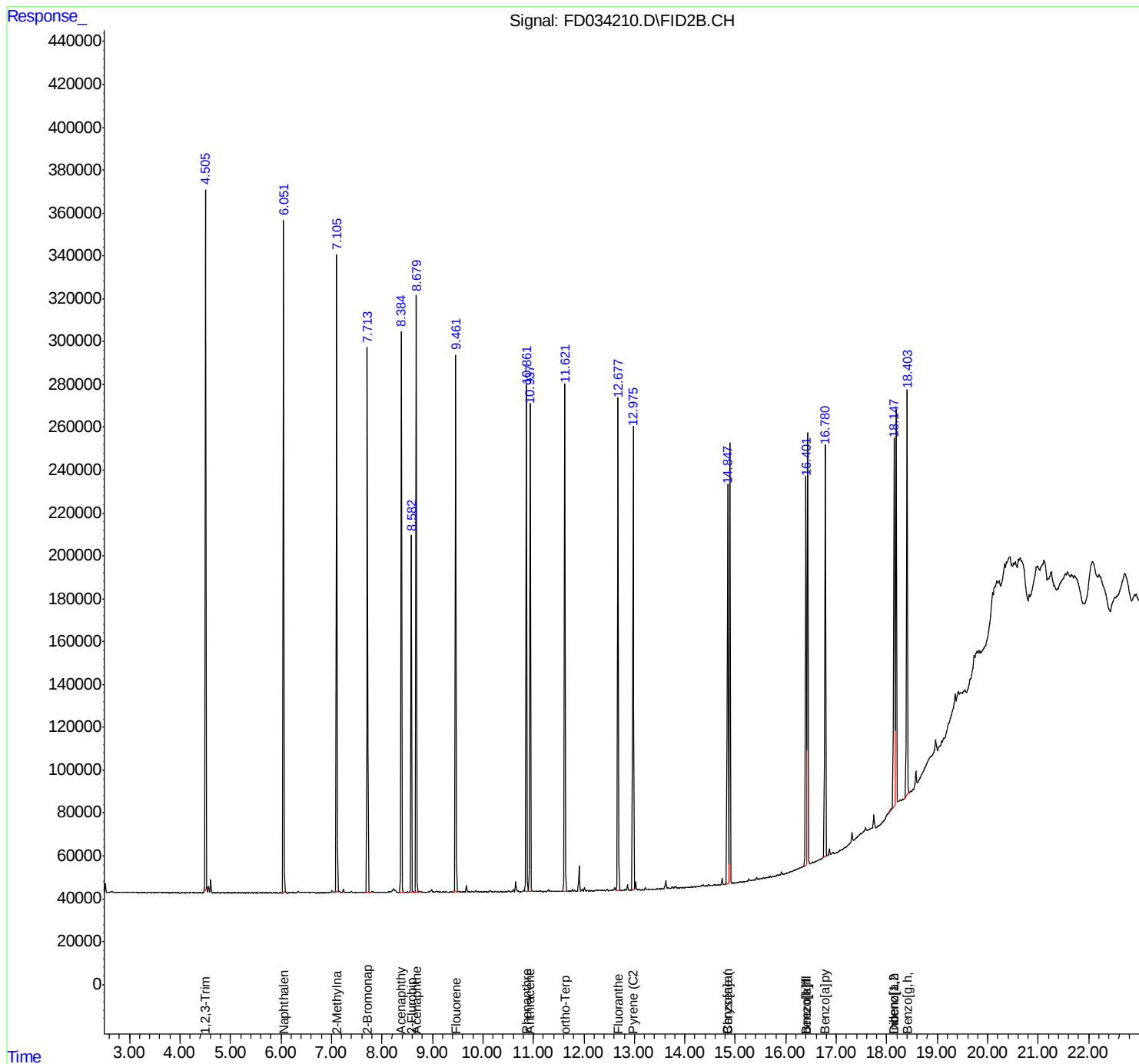
(f)=RT Delta > 1/2 Window

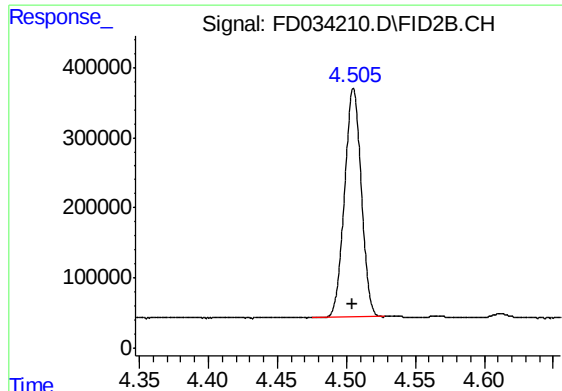
(m)=manual int.

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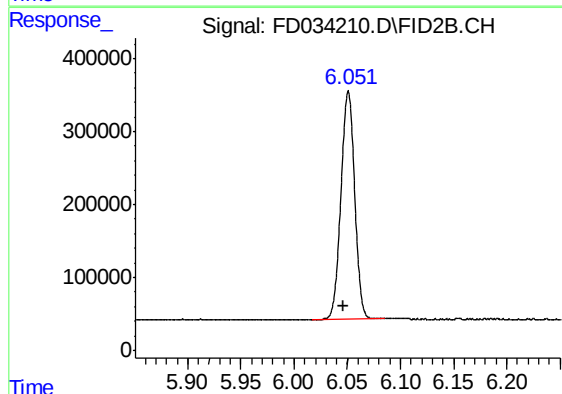
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





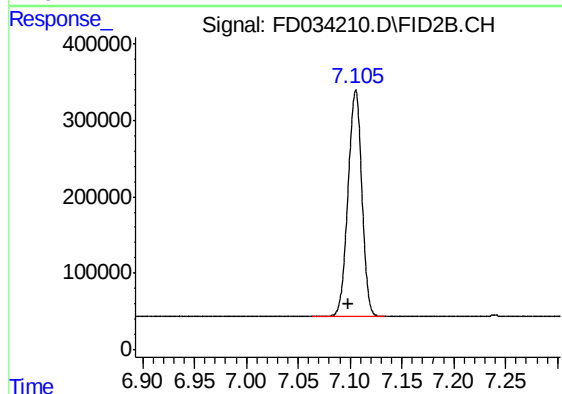
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.505 min
Delta R.T.: 0.001 min
Response: 2757440
Conc: 20.88 ug/ml



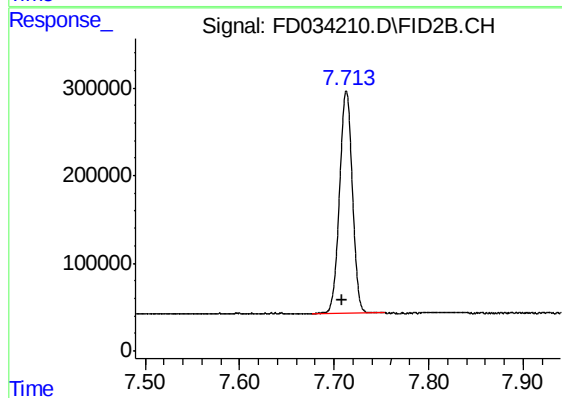
#2 Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: 0.005 min
Response: 2799712
Conc: 20.21 ug/ml



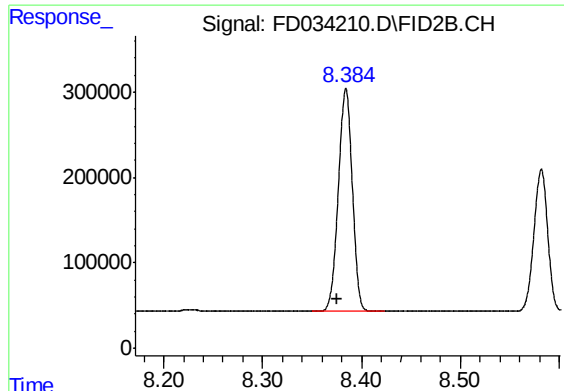
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: 0.007 min
Response: 2761248
Conc: 19.83 ug/ml



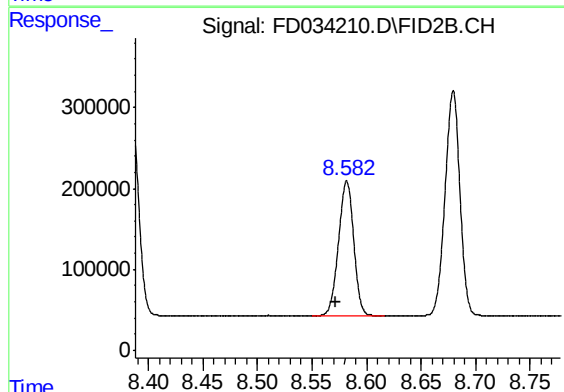
#4 2-Bromonaphthalene (SURR)

R.T.: 7.713 min
Delta R.T.: 0.004 min
Response: 2381265
Conc: 19.83 ug/ml



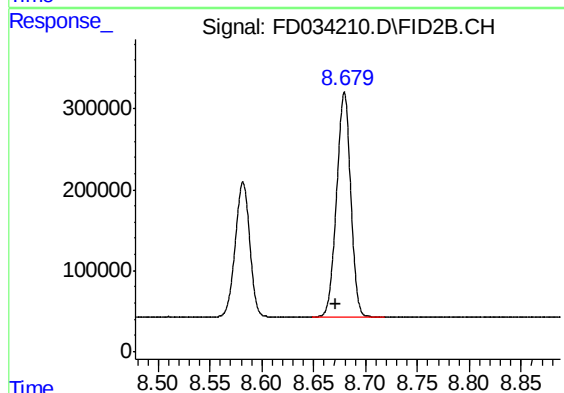
#5 Acenaphthylene (C15.06)

R.T.: 8.384 min
Delta R.T.: 0.009 min
Response: 2562522
Conc: 19.06 ug/ml



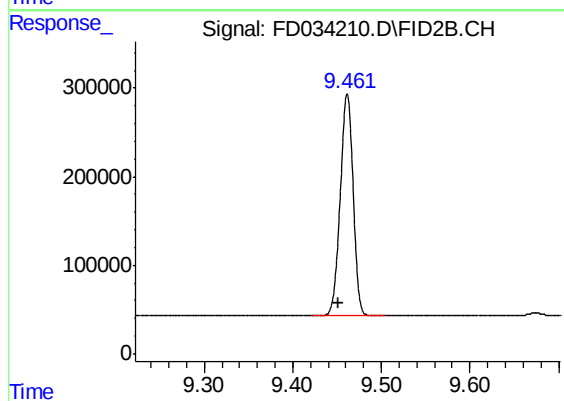
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.582 min
Delta R.T.: 0.010 min
Response: 1611852
Conc: 19.02 ug/ml



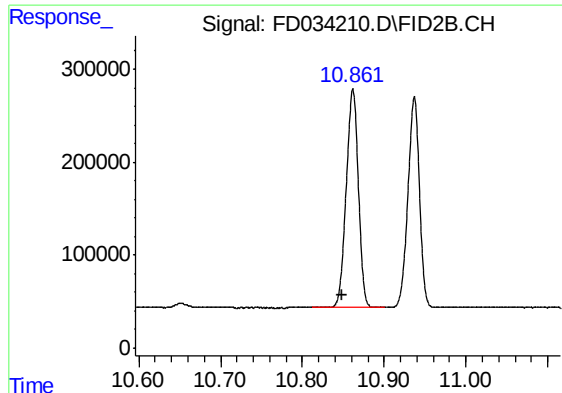
#7 Acenaphthene (C15.5)

R.T.: 8.680 min
Delta R.T.: 0.009 min
Response: 2620045
Conc: 19.14 ug/ml



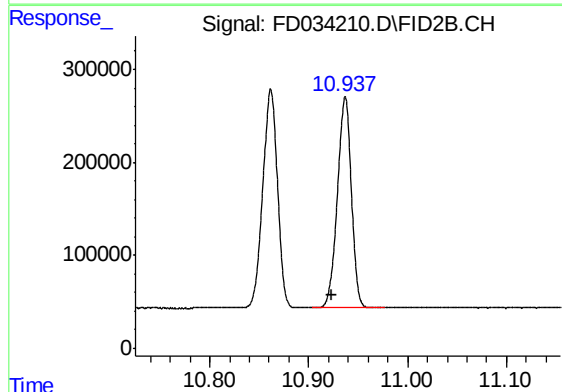
#8 Fluorene (C16.55)

R.T.: 9.462 min
Delta R.T.: 0.010 min
Response: 2525084
Conc: 18.78 ug/ml



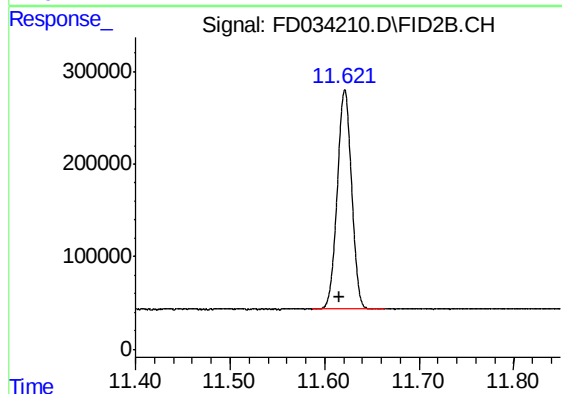
#9 Phenanthrene (C19.36)

R.T.: 10.862 min
Delta R.T.: 0.013 min
Response: 2438651
Conc: 18.25 ug/ml



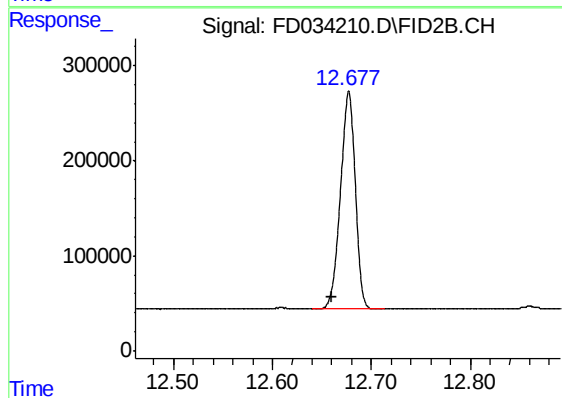
#10 Anthracene (C19.43)

R.T.: 10.937 min
Delta R.T.: 0.014 min
Response: 2231396
Conc: 16.82 ug/ml



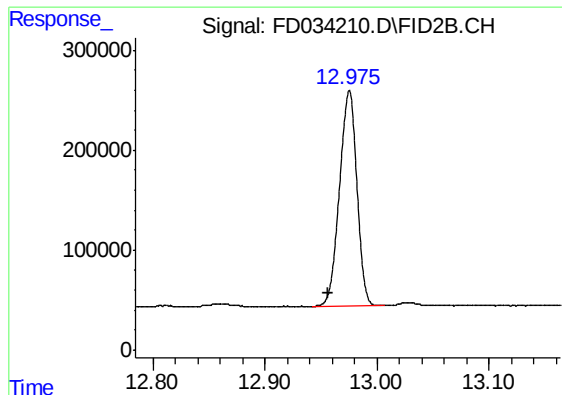
#11 ortho-Terphenyl (SURR)

R.T.: 11.622 min
Delta R.T.: 0.006 min
Response: 2496384
Conc: 18.45 ug/ml



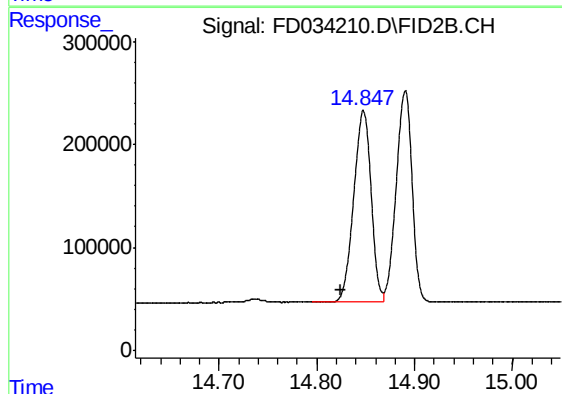
#12 Fluoranthene (C21.85)

R.T.: 12.677 min
Delta R.T.: 0.018 min
Response: 2385574
Conc: 17.96 ug/ml



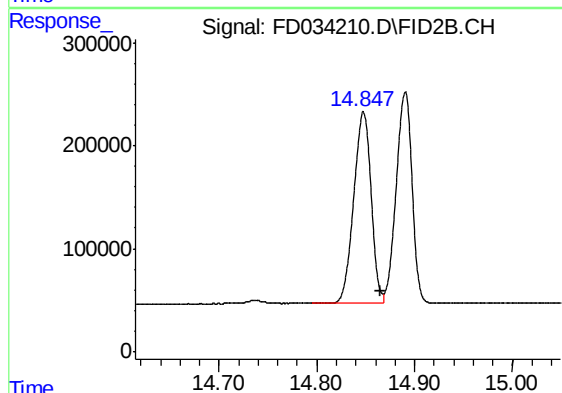
#13 Pyrene (C20.8)

R.T.: 12.975 min
Delta R.T.: 0.019 min
Response: 2330380
Conc: 17.98 ug/ml



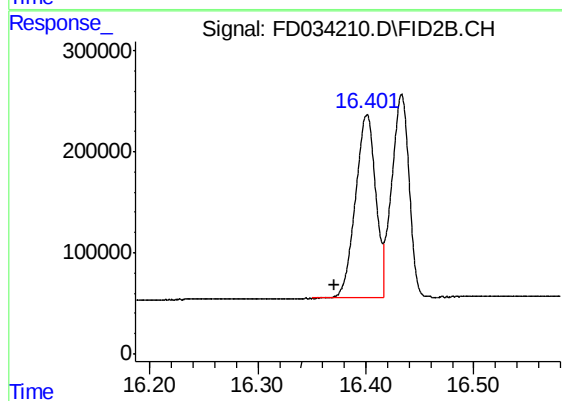
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.848 min
Delta R.T.: 0.024 min
Response: 2293279
Conc: 18.42 ug/ml



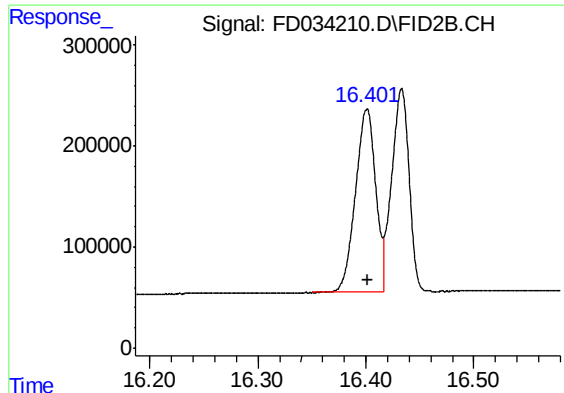
#15 Chrysene (C27.41)

R.T.: 14.848 min
Delta R.T.: -0.018 min
Response: 2293279
Conc: 18.47 ug/ml



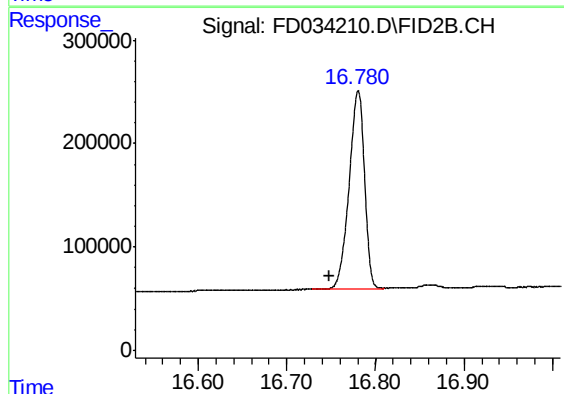
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.401 min
Delta R.T.: 0.031 min
Response: 2352215
Conc: 19.77 ug/ml



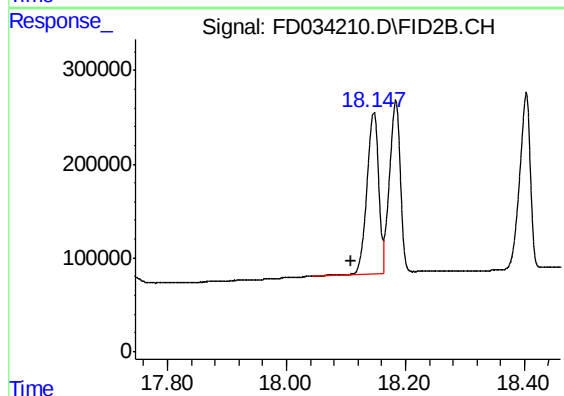
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.401 min
Delta R.T.: 0.000 min
Response: 2352215
Conc: 20.30 ug/ml



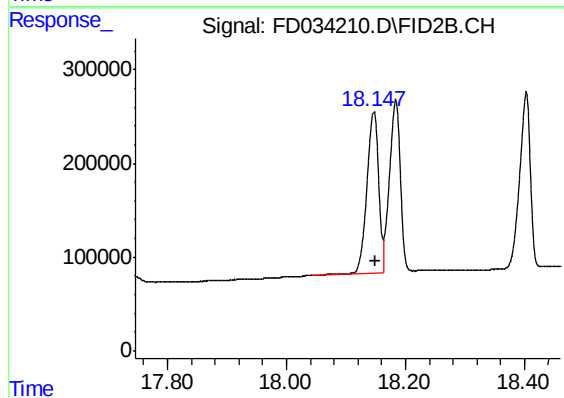
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min
Delta R.T.: 0.033 min
Response: 2309357
Conc: 19.85 ug/ml



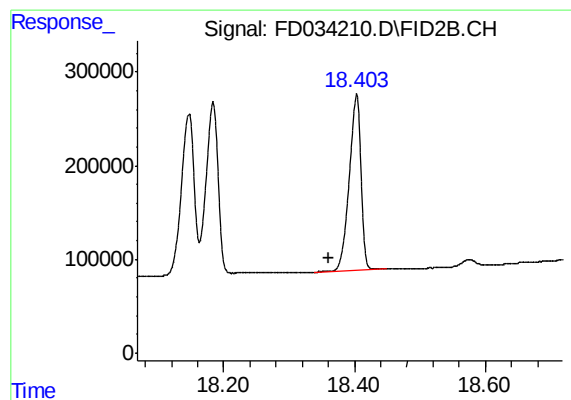
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.147 min
Delta R.T.: 0.039 min
Response: 2345475
Conc: 21.07 ug/ml



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

R.T.: 18.147 min
Delta R.T.: -0.002 min
Response: 2345475
Conc: 21.23 ug/ml



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

R.T.: 18.403 min
Delta R.T.: 0.043 min
Response: 2324386
Conc: 21.05 ug/ml