

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071620AR\
 Data File : FD034008.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jul 2020 10:50
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 17 02:54:04 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...	7.705	2365969	19.698 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
6) S 2-Fluorobiphenyl (SURR)	8.568	1651741	19.487 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.97%
11) S ortho-Terphenyl (SURR)	11.612	2591261	19.153 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	2639222	19.983 ug/ml
2) T Naphthalene (C11.7)	6.044	2743237	19.805 ug/ml
3) T 2-Methylnaphthalene (...)	7.095	2746217	19.719 ug/ml
5) T Acenaphthylene (C15.06)	8.373	2602572	19.358 ug/ml
7) T Acenaphthene (C15.5)	8.668	2668127	19.493 ug/ml
8) T Fluorene (C16.55)	9.448	2605224	19.376 ug/ml
9) T Phenanthrene (C19.36)	10.846	2587287	19.360 ug/ml
10) T Anthracene (C19.43)	10.919	2442634	18.408 ug/ml
12) T Fluoranthene (C21.85)	12.657	2526569	19.017 ug/ml
13) T Pyrene (C20.8)	12.955	2459982	18.976 ug/ml
14) T Benzo[a]anthracene (C...	14.823	2351548	18.890 ug/ml
15) T Chrysene (C27.41)	14.865	2362867	19.027 ug/ml
16) T benzo[b]fluoranthene ...	16.370	2259811	18.994 ug/ml
17) T Bnezo[k]fluoranthene ...	16.403	2195976	18.952 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.748	2201286	18.916 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.108	2098416	18.847 ug/ml
20) T Dibenz[a,h]anthracene...	18.149	2142259	19.389 ug/ml
21) T Benzo[g,h,i]perylene ...	18.363	2099431	19.011 ug/ml

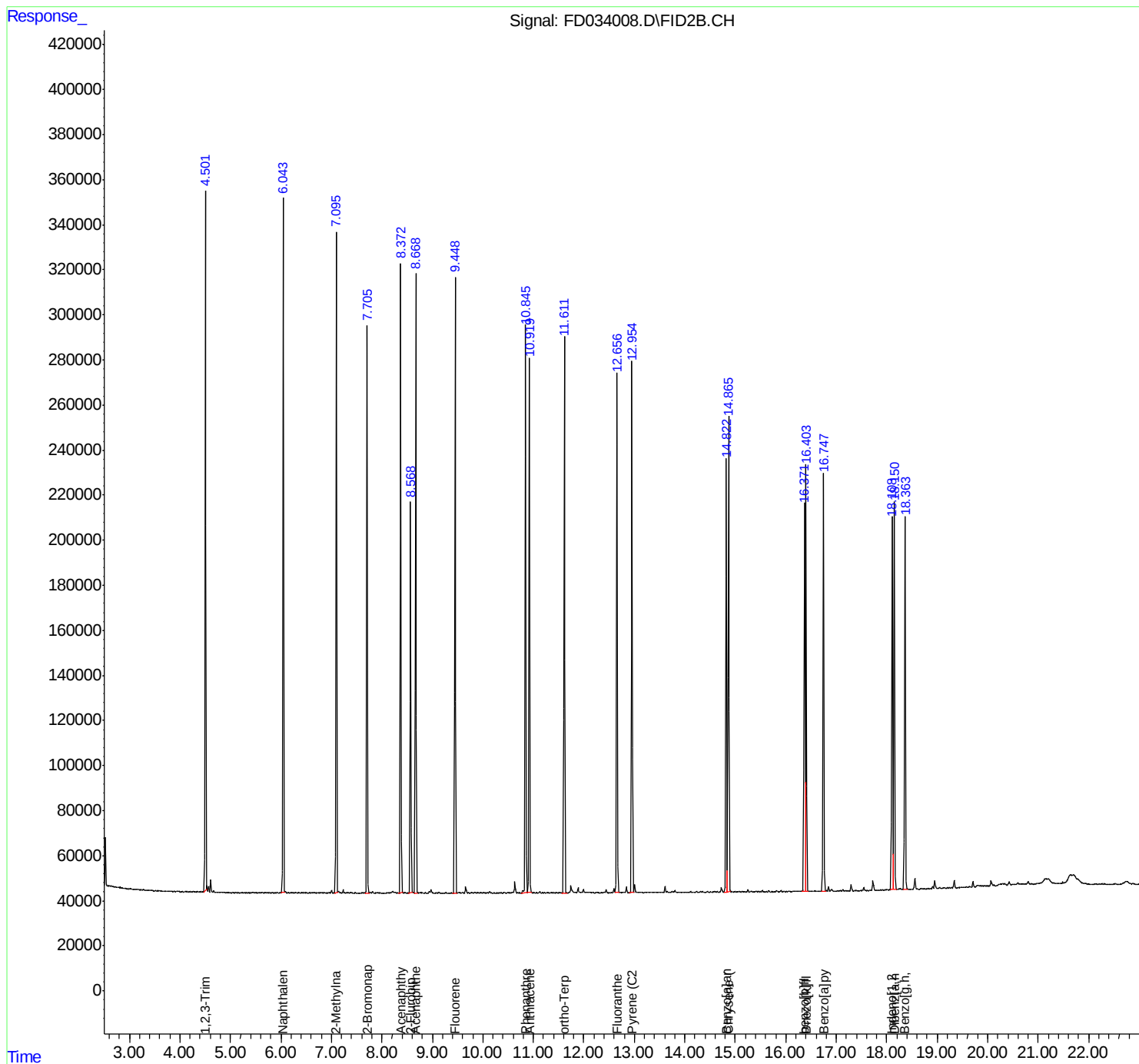
(f)=RT Delta > 1/2 Window

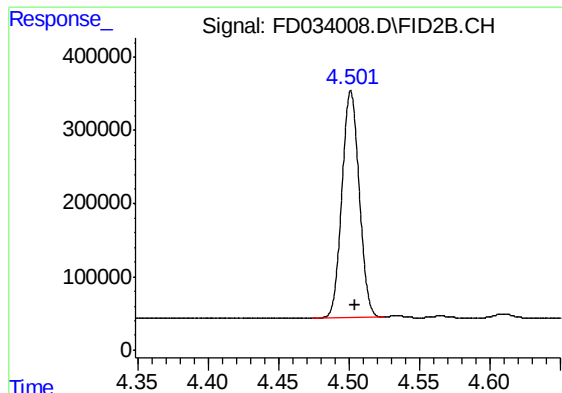
(m)=manual int.

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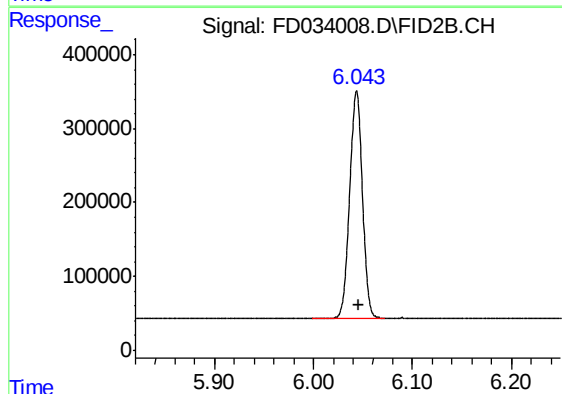
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





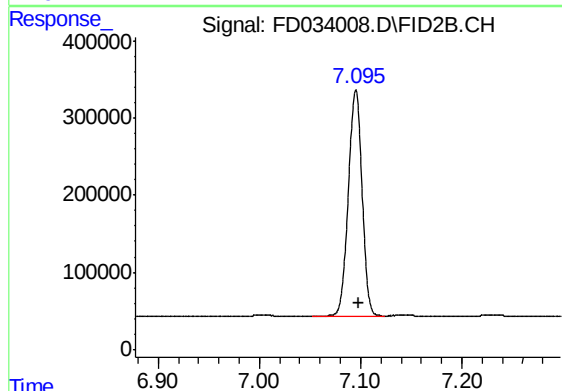
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.501 min
Delta R.T.: -0.003 min
Response: 2639222
Conc: 19.98 ug/ml



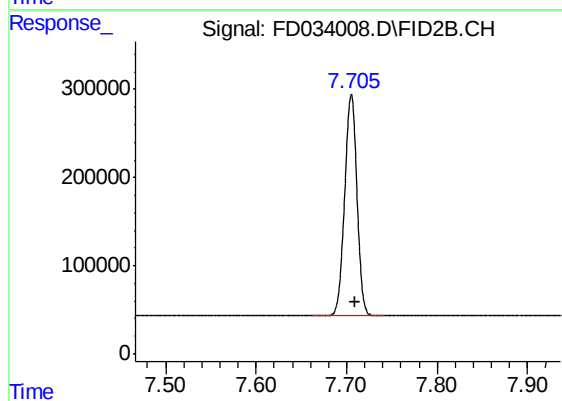
#2 Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 2743237
Conc: 19.81 ug/ml



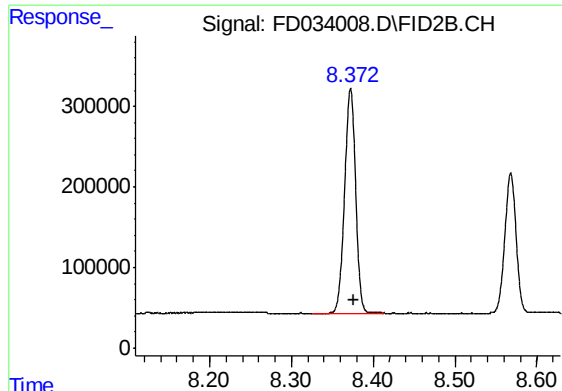
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 2746217
Conc: 19.72 ug/ml



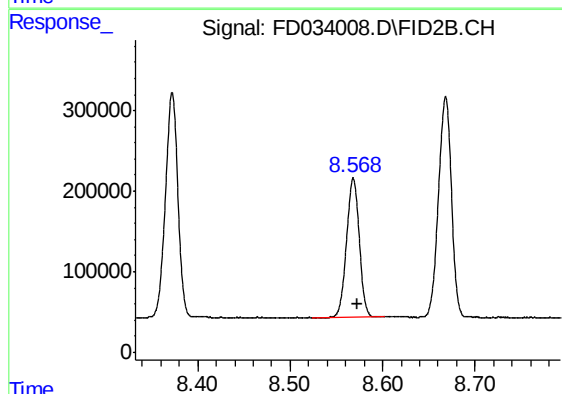
#4 2-Bromonaphthalene (SURR)

R.T.: 7.705 min
Delta R.T.: -0.003 min
Response: 2365969
Conc: 19.70 ug/ml



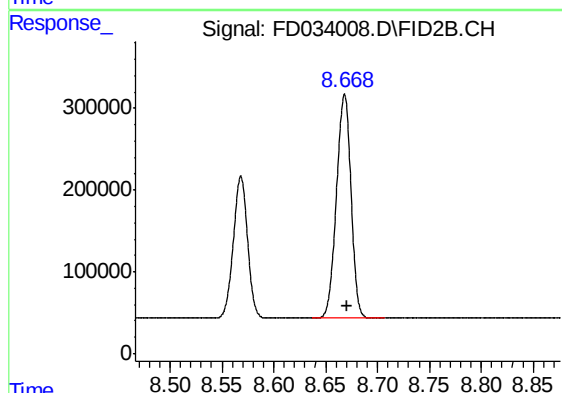
#5 Acenaphthylene (C15.06)

R.T.: 8.373 min
Delta R.T.: -0.003 min
Response: 2602572
Conc: 19.36 ug/ml



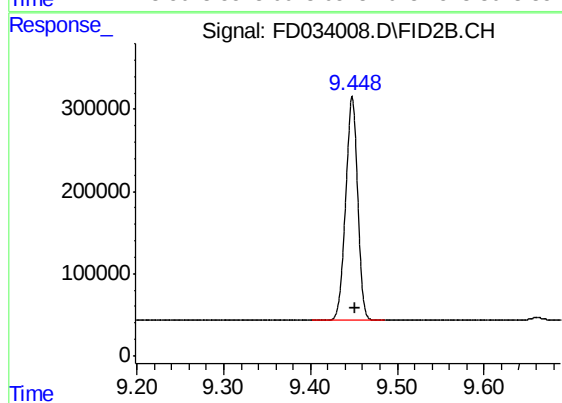
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.568 min
Delta R.T.: -0.004 min
Response: 1651741
Conc: 19.49 ug/ml



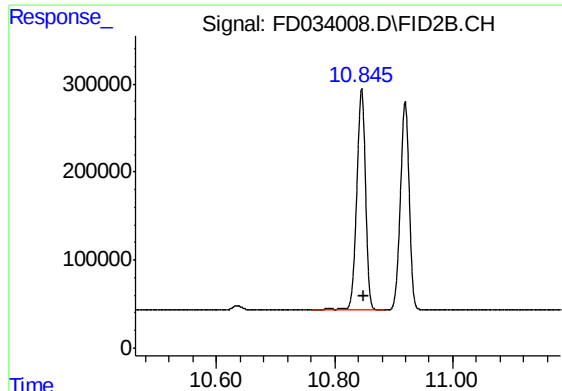
#7 Acenaphthene (C15.5)

R.T.: 8.668 min
Delta R.T.: -0.002 min
Response: 2668127
Conc: 19.49 ug/ml



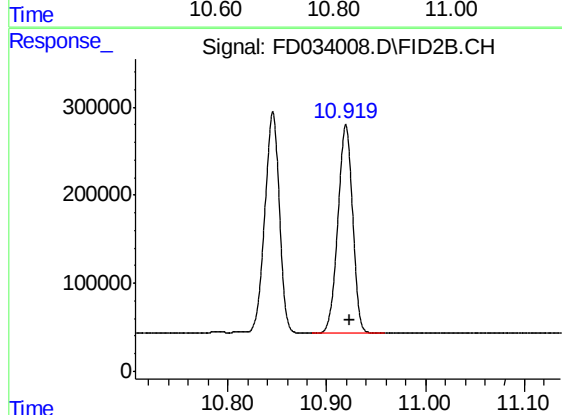
#8 Flouorene (C16.55)

R.T.: 9.448 min
Delta R.T.: -0.003 min
Response: 2605224
Conc: 19.38 ug/ml



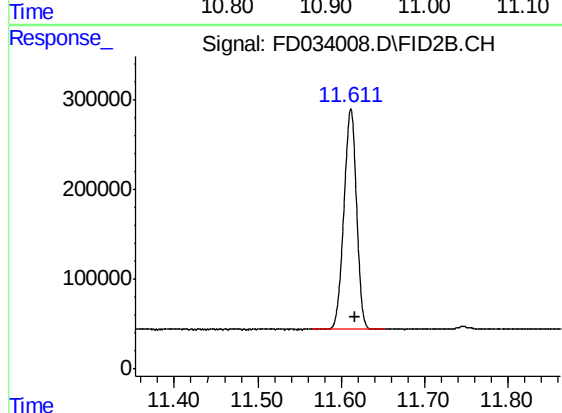
#9 Phenanthrene (C19.36)

R.T.: 10.846 min
Delta R.T.: -0.003 min
Response: 2587287
Conc: 19.36 ug/ml



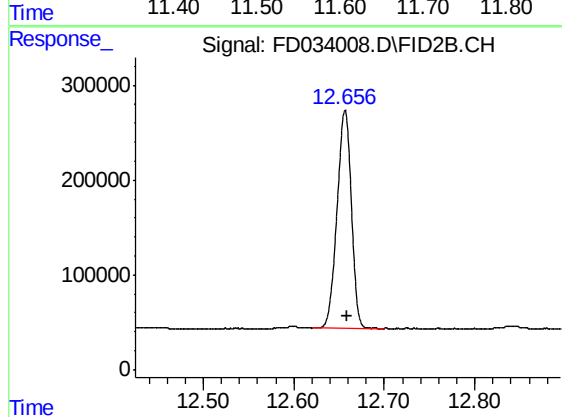
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: -0.003 min
Response: 2442634
Conc: 18.41 ug/ml



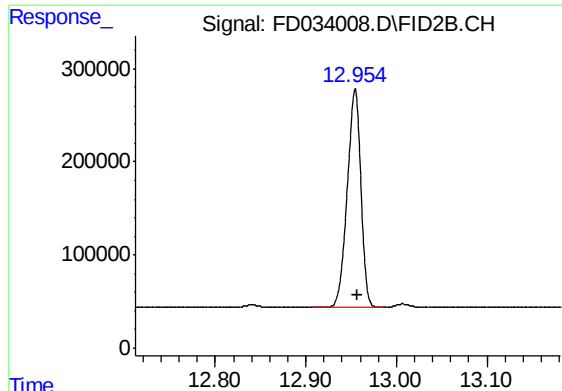
#11 ortho-Terphenyl (SURR)

R.T.: 11.612 min
Delta R.T.: -0.004 min
Response: 2591261
Conc: 19.15 ug/ml



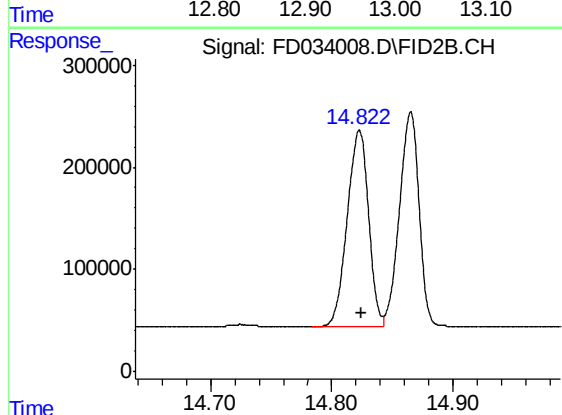
#12 Fluoranthene (C21.85)

R.T.: 12.657 min
Delta R.T.: -0.003 min
Response: 2526569
Conc: 19.02 ug/ml



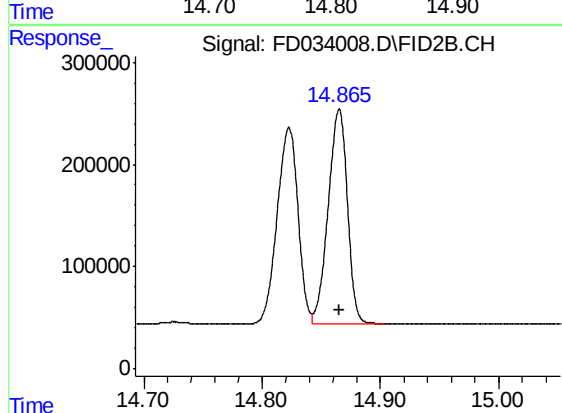
#13 Pyrene (C20.8)

R.T.: 12.955 min
Delta R.T.: -0.002 min
Response: 2459982
Conc: 18.98 ug/ml



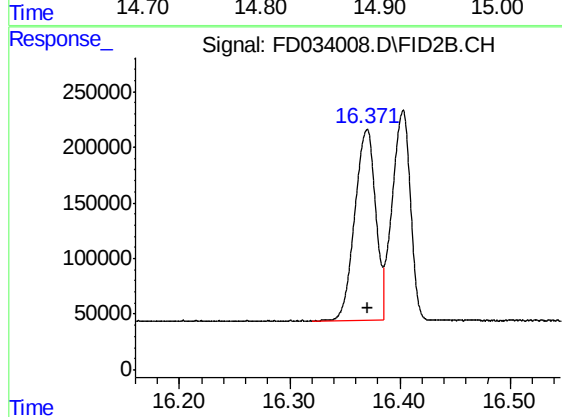
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.823 min
Delta R.T.: -0.001 min
Response: 2351548
Conc: 18.89 ug/ml



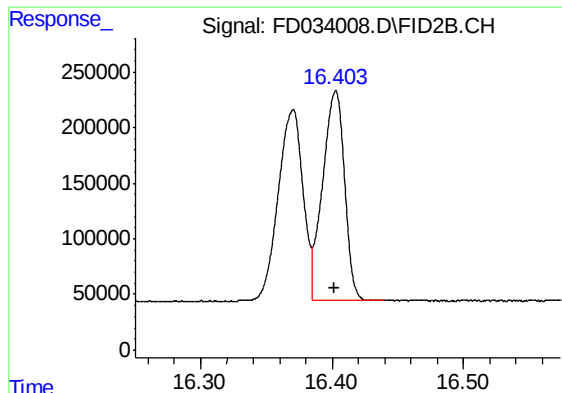
#15 Chrysene (C27.41)

R.T.: 14.865 min
Delta R.T.: 0.000 min
Response: 2362867
Conc: 19.03 ug/ml



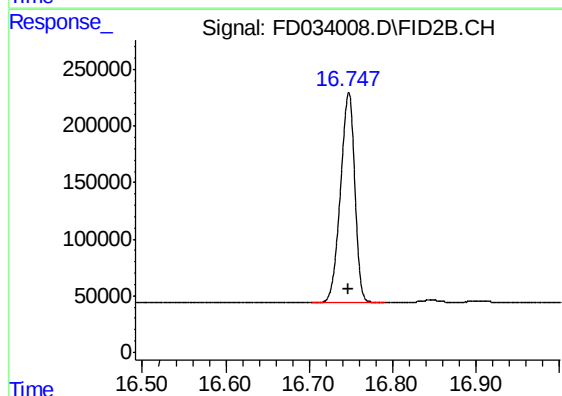
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.370 min
Delta R.T.: 0.000 min
Response: 2259811
Conc: 18.99 ug/ml



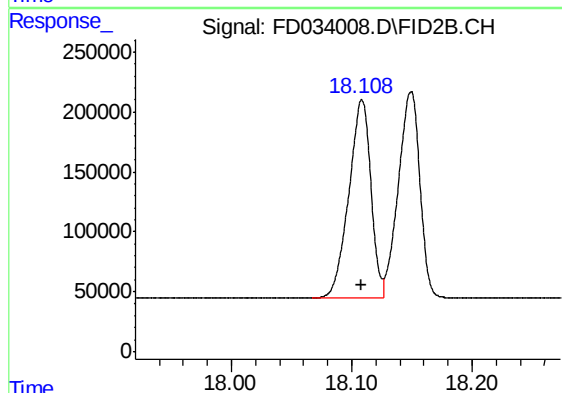
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.403 min
Delta R.T.: 0.001 min
Response: 2195976
Conc: 18.95 ug/ml



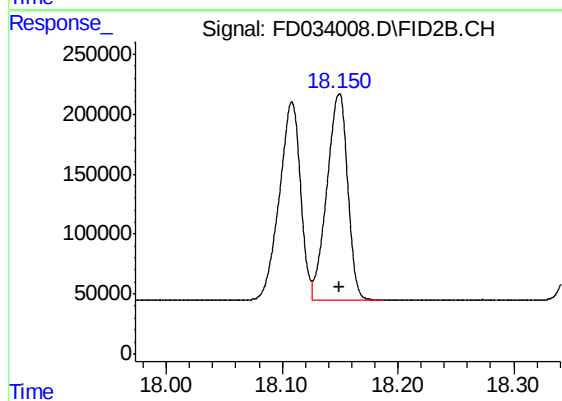
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.748 min
Delta R.T.: 0.000 min
Response: 2201286
Conc: 18.92 ug/ml



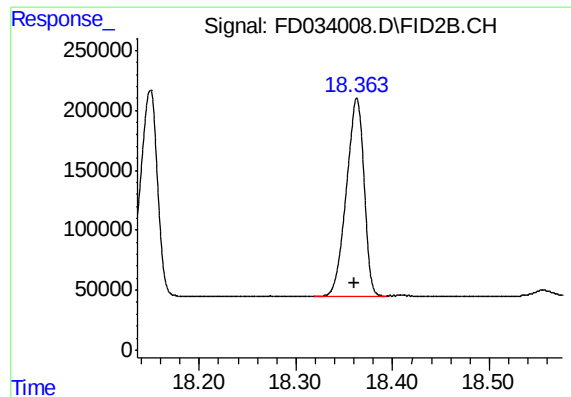
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.108 min
Delta R.T.: 0.000 min
Response: 2098416
Conc: 18.85 ug/ml



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

R.T.: 18.149 min
Delta R.T.: 0.000 min
Response: 2142259
Conc: 19.39 ug/ml



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

R.T.: 18.363 min
Delta R.T.: 0.003 min
Response: 2099431
Conc: 19.01 ug/ml