

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072020AR\
 Data File : FD034051.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jul 2020 8:37
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 21 09:56:18 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...	7.708	2153072	17.926 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
6) S 2-Fluorobiphenyl (SURR)	8.573	1488126	17.557 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.11%
11) S ortho-Terphenyl (SURR)	11.615	2342348	17.313 ug/ml
Spiked Amount 50.000		Recovery =	34.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.502	2435124	18.437 ug/ml
2) T Naphthalene (C11.7)	6.046	2512076	18.136 ug/ml
3) T 2-Methylnaphthalene (...)	7.099	2499110	17.945 ug/ml
5) T Acenaphthylene (C15.06)	8.376	2339357	17.401 ug/ml
7) T Acenaphthene (C15.5)	8.672	2405545	17.575 ug/ml
8) T Fluorene (C16.55)	9.453	2341947	17.418 ug/ml
9) T Phenanthrene (C19.36)	10.851	2278916	17.052 ug/ml
10) T Anthracene (C19.43)	10.925	2124105	16.007 ug/ml
12) T Fluoranthene (C21.85)	12.663	2231223	16.794 ug/ml
13) T Pyrene (C20.8)	12.960	2164145	16.694 ug/ml
14) T Benzo[a]anthracene (C...	14.829	2030629	16.312 ug/ml
15) T Chrysene (C27.41)	14.872	2042784	16.450 ug/ml
16) T benzo[b]fluoranthene ...	16.376	1977161	16.618 ug/ml
17) T Bnezo[k]fluoranthene ...	16.409	1930265	16.658 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.755	1944573	16.710 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.117	1941315	17.436 ug/ml
20) T Dibenz[a,h]anthracene...	18.157	1961771	17.755 ug/ml
21) T Benzo[g,h,i]perylene ...	18.372	1964658	17.791 ug/ml

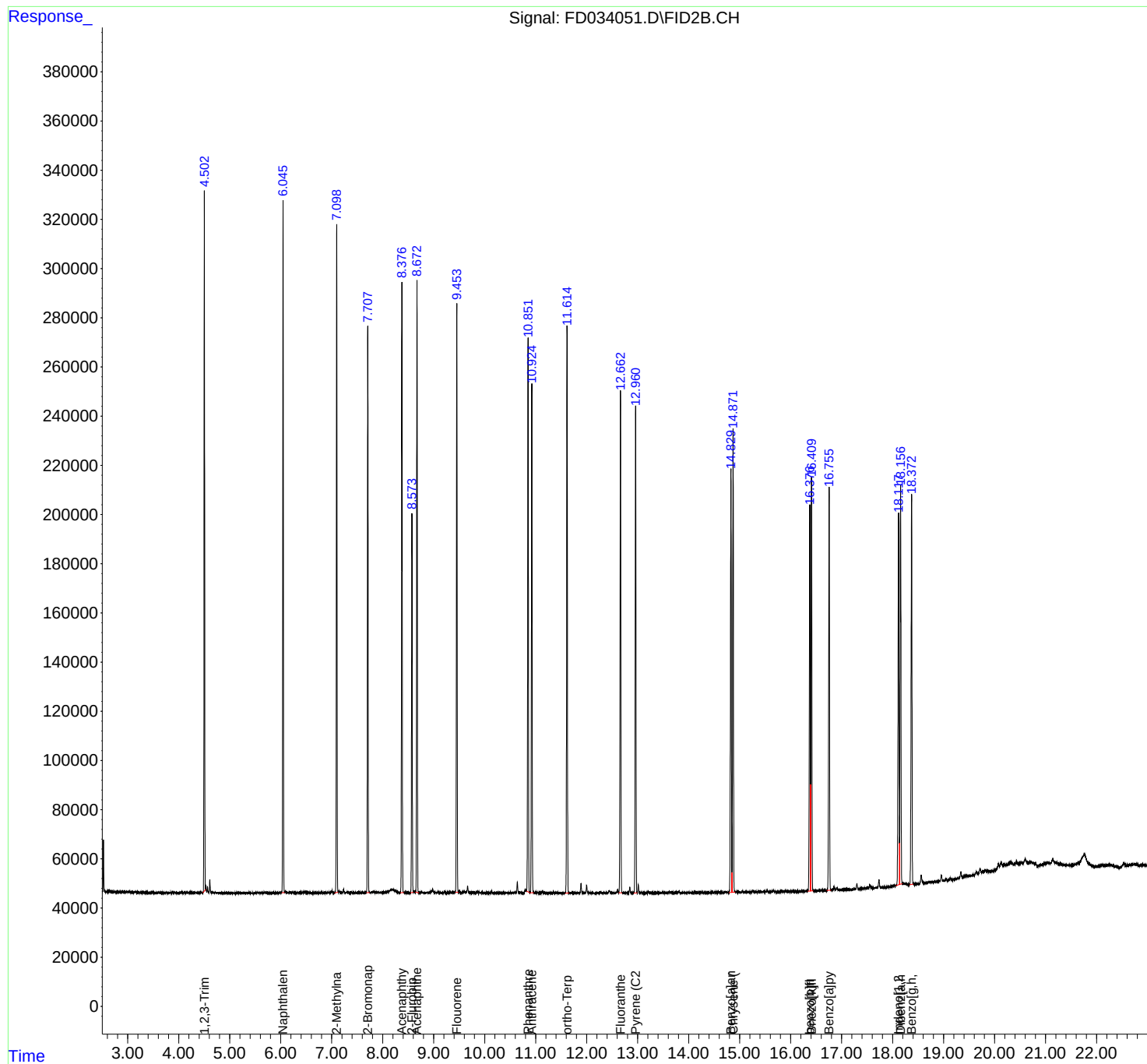
(f)=RT Delta > 1/2 Window

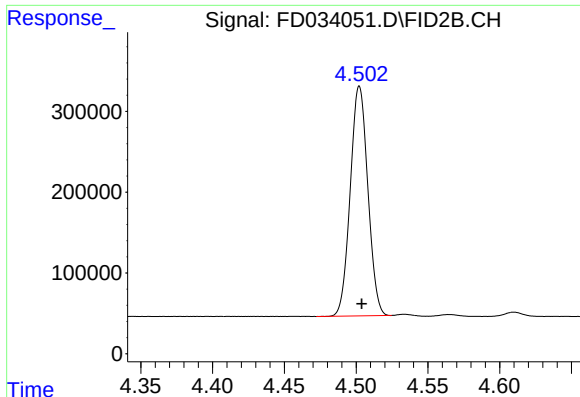
(m)=manual int.

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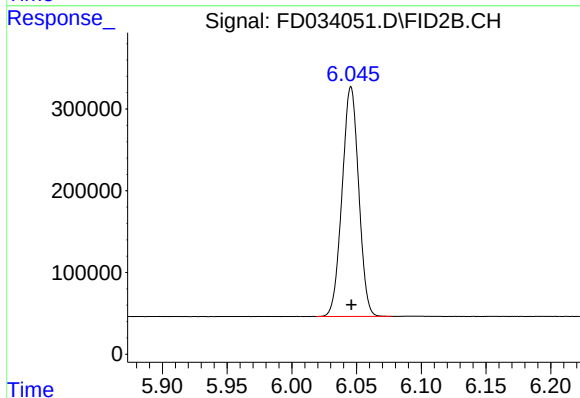
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





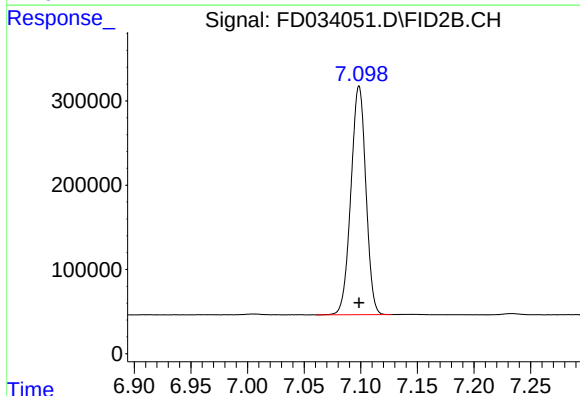
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 2435124
Conc: 18.44 ug/ml



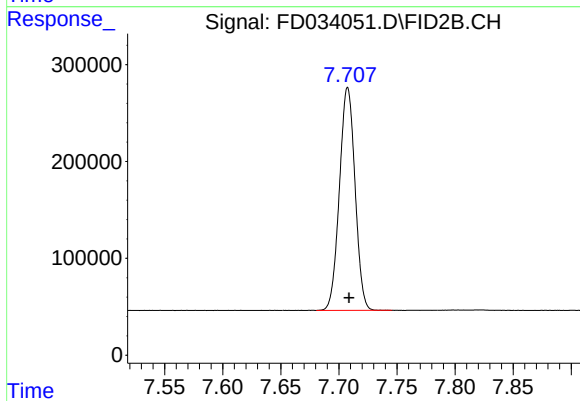
#2 Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 2512076
Conc: 18.14 ug/ml



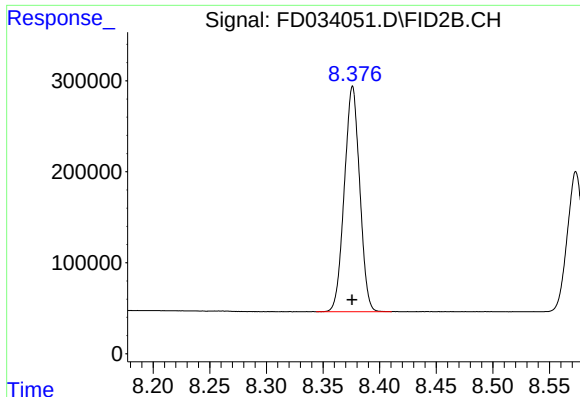
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 2499110
Conc: 17.94 ug/ml



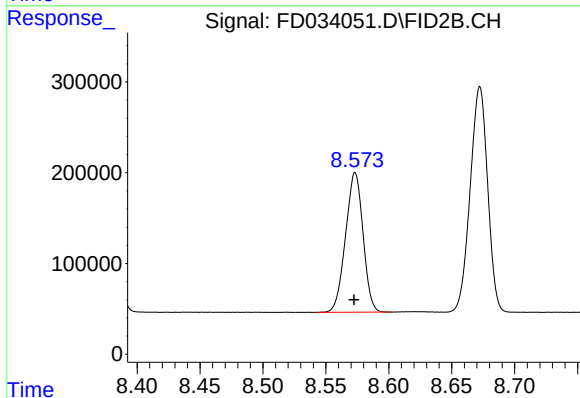
#4 2-Bromonaphthalene (SURR)

R.T.: 7.708 min
Delta R.T.: -0.001 min
Response: 2153072
Conc: 17.93 ug/ml



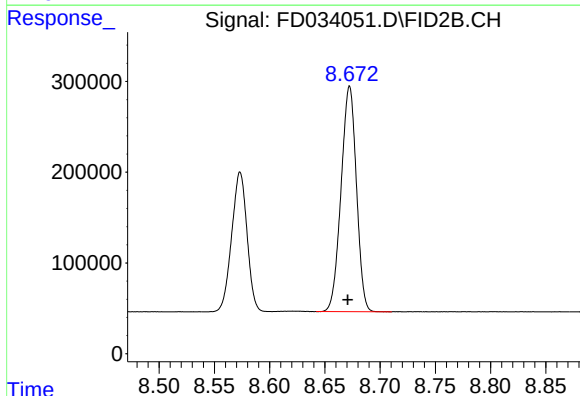
#5 Acenaphthylene (C15.06)

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 2339357
Conc: 17.40 ug/ml



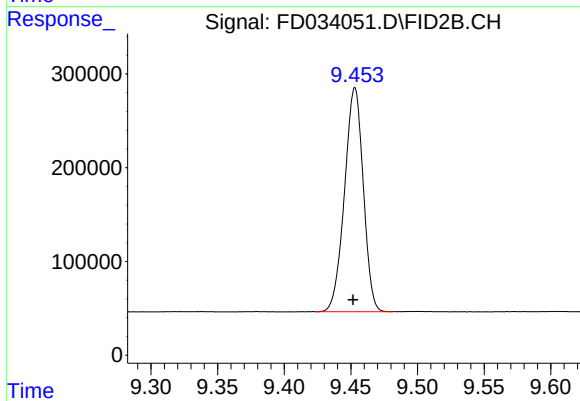
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 1488126
Conc: 17.56 ug/ml



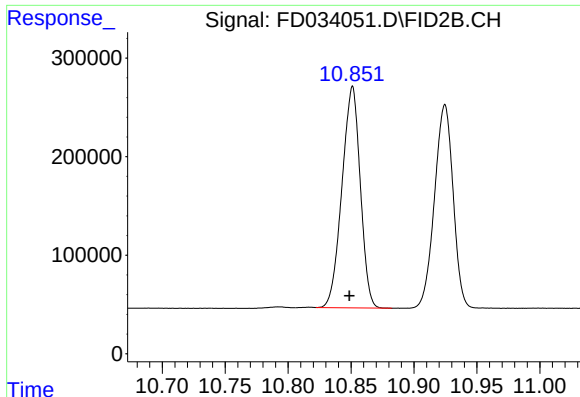
#7 Acenaphthene (C15.5)

R.T.: 8.672 min
Delta R.T.: 0.002 min
Response: 2405545
Conc: 17.57 ug/ml



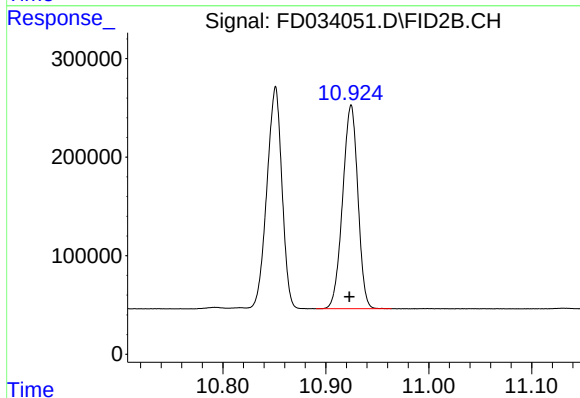
#8 Flouorene (C16.55)

R.T.: 9.453 min
Delta R.T.: 0.002 min
Response: 2341947
Conc: 17.42 ug/ml



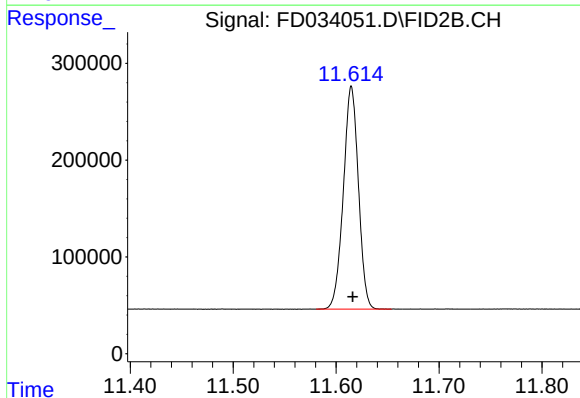
#9 Phenanthrene (C19.36)

R.T.: 10.851 min
Delta R.T.: 0.002 min
Response: 2278916
Conc: 17.05 ug/ml



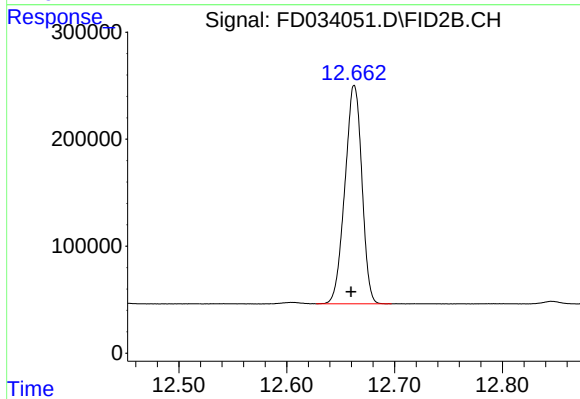
#10 Anthracene (C19.43)

R.T.: 10.925 min
Delta R.T.: 0.002 min
Response: 2124105
Conc: 16.01 ug/ml



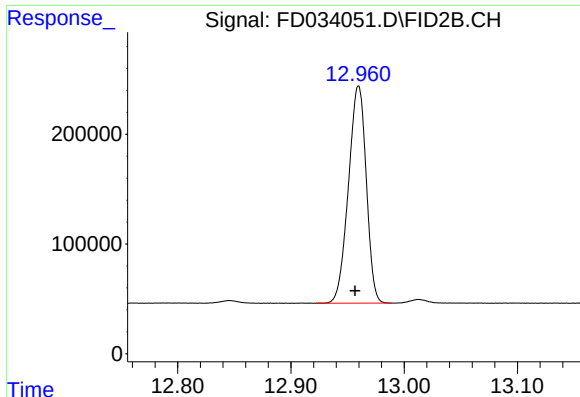
#11 ortho-Terphenyl (SURR)

R.T.: 11.615 min
Delta R.T.: -0.001 min
Response: 2342348
Conc: 17.31 ug/ml



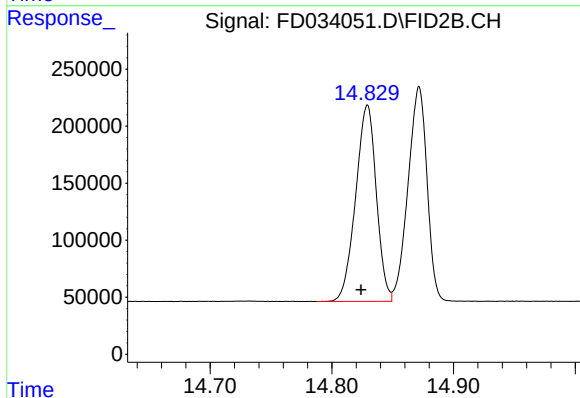
#12 Fluoranthene (C21.85)

R.T.: 12.663 min
Delta R.T.: 0.003 min
Response: 2231223
Conc: 16.79 ug/ml



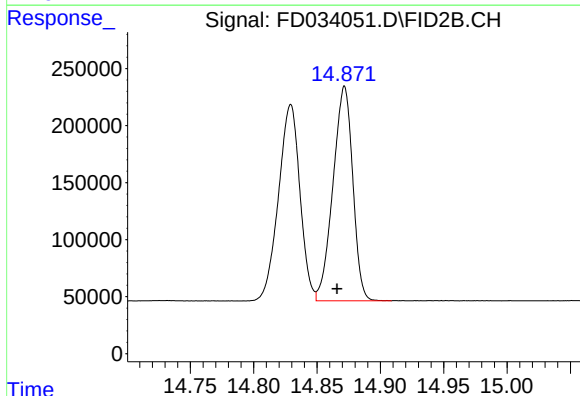
#13 Pyrene (C20.8)

R.T.: 12.960 min
Delta R.T.: 0.003 min
Response: 2164145
Conc: 16.69 ug/ml



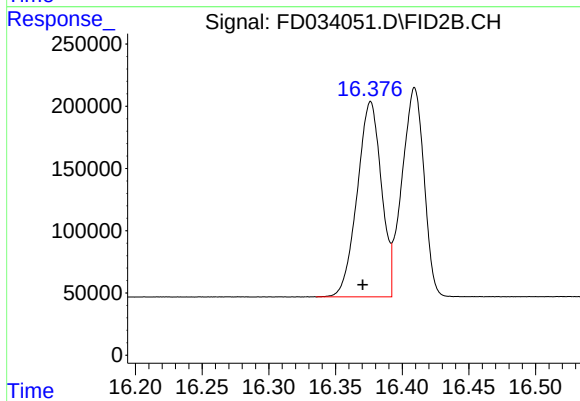
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.829 min
Delta R.T.: 0.005 min
Response: 2030629
Conc: 16.31 ug/ml



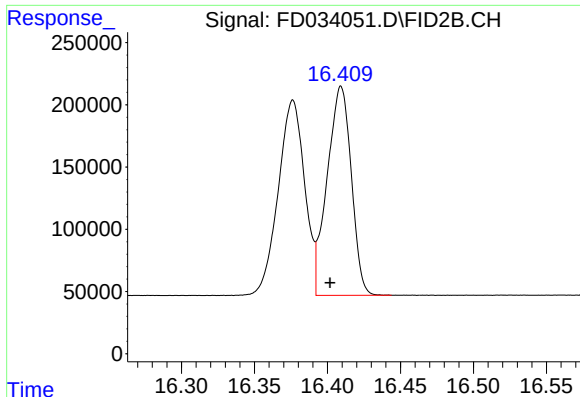
#15 Chrysene (C27.41)

R.T.: 14.872 min
Delta R.T.: 0.006 min
Response: 2042784
Conc: 16.45 ug/ml



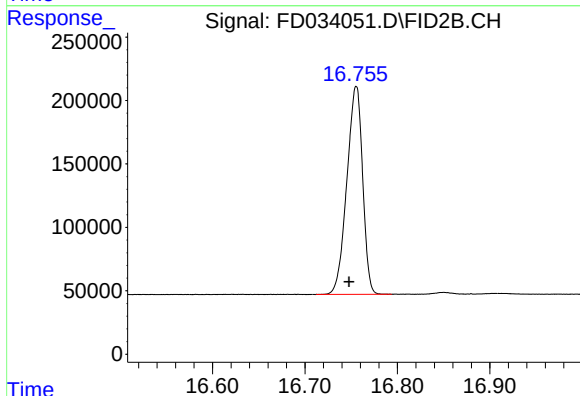
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.376 min
Delta R.T.: 0.006 min
Response: 1977161
Conc: 16.62 ug/ml



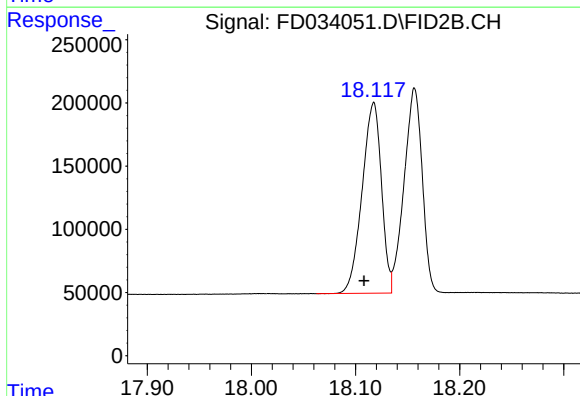
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.409 min
Delta R.T.: 0.008 min
Response: 1930265
Conc: 16.66 ug/ml



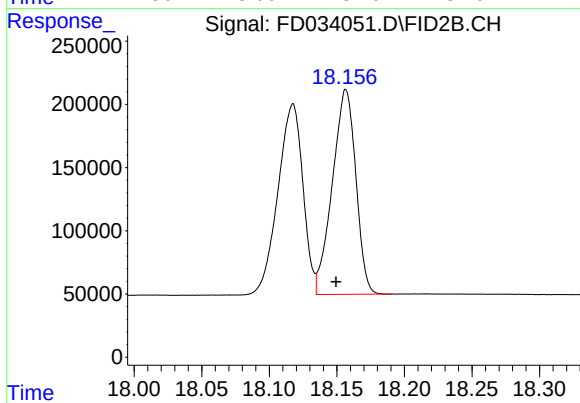
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.755 min
Delta R.T.: 0.008 min
Response: 1944573
Conc: 16.71 ug/ml



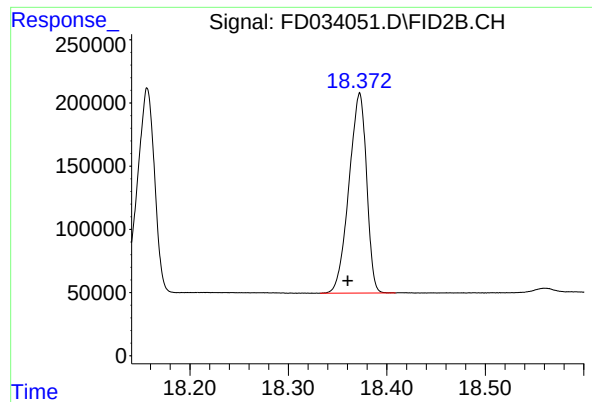
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.117 min
Delta R.T.: 0.009 min
Response: 1941315
Conc: 17.44 ug/ml



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

R.T.: 18.157 min
Delta R.T.: 0.007 min
Response: 1961771
Conc: 17.76 ug/ml



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

R.T.: 18.372 min
Delta R.T.: 0.012 min
Response: 1964658
Conc: 17.79 ug/ml