

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071320AR\
 Data File : FD033991.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jul 2020 10:30
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 14 01:56:33 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...	7.707	2238391	18.636 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
6) S 2-Fluorobiphenyl (SURR)	8.572	1564648	18.460 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.92%
11) S ortho-Terphenyl (SURR)	11.615	2450855	18.115 ug/ml
Spiked Amount 50.000		Recovery =	36.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	2497326	18.908 ug/ml
2) T Naphthalene (C11.7)	6.045	2600854	18.777 ug/ml
3) T 2-Methylnaphthalene (...)	7.097	2600727	18.674 ug/ml
5) T Acenaphthylene (C15.06)	8.375	2470642	18.377 ug/ml
7) T Acenaphthene (C15.5)	8.671	2526152	18.456 ug/ml
8) T Fluorene (C16.55)	9.451	2462778	18.317 ug/ml
9) T Phenanthrene (C19.36)	10.849	2440254	18.260 ug/ml
10) T Anthracene (C19.43)	10.923	2359968	17.785 ug/ml
12) T Fluoranthene (C21.85)	12.661	2403798	18.093 ug/ml
13) T Pyrene (C20.8)	12.959	2325996	17.943 ug/ml
14) T Benzo[a]anthracene (C...	14.827	2214154	17.786 ug/ml
15) T Chrysene (C27.41)	14.870	2218148	17.862 ug/ml
16) T benzo[b]fluoranthene ...	16.375	2122346	17.839 ug/ml
17) T Bnezo[k]fluoranthene ...	16.408	2062333	17.798 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.753	2072233	17.807 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.115	1972972	17.720 ug/ml
20) T Dibenz[a,h]anthracene...	18.155	1983334	17.951 ug/ml
21) T Benzo[g,h,i]perylene ...	18.370	1974922	17.884 ug/ml

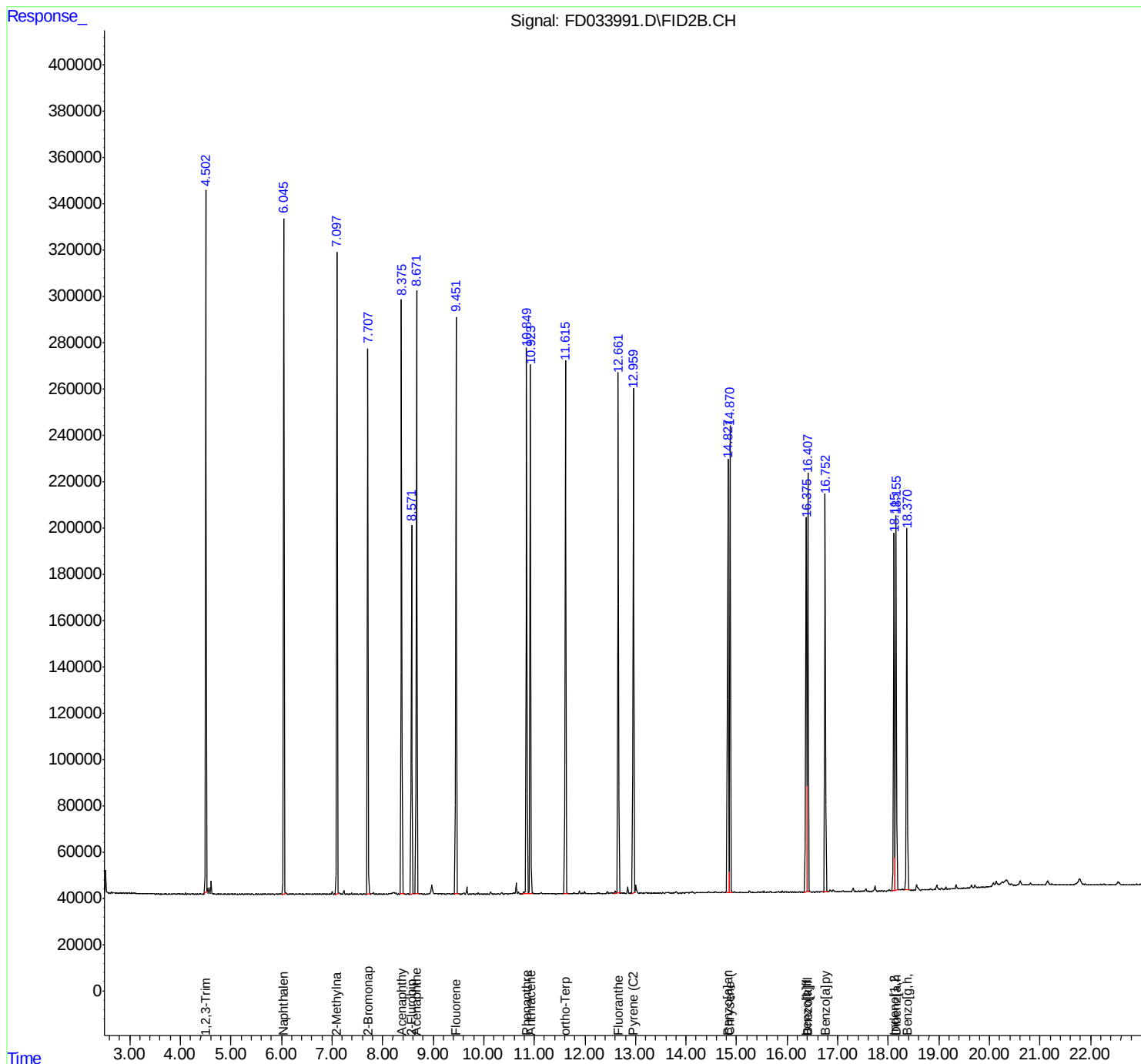
(f)=RT Delta > 1/2 Window

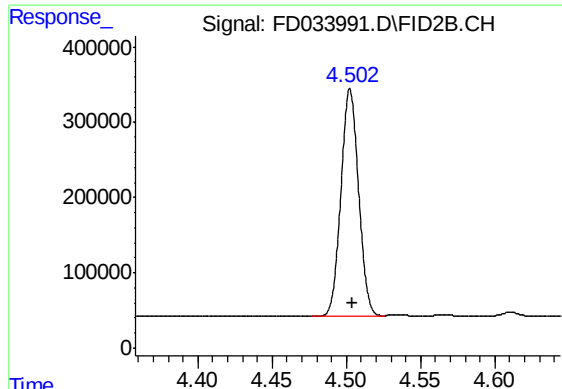
(m)=manual int.

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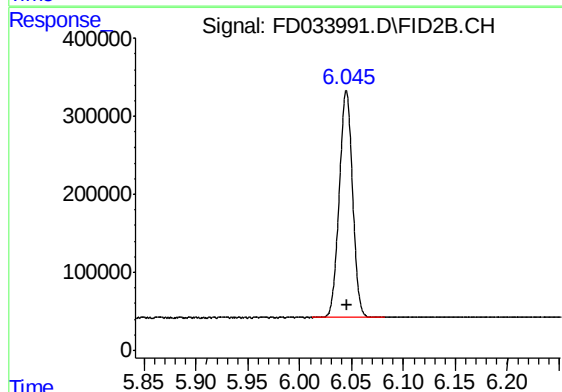
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





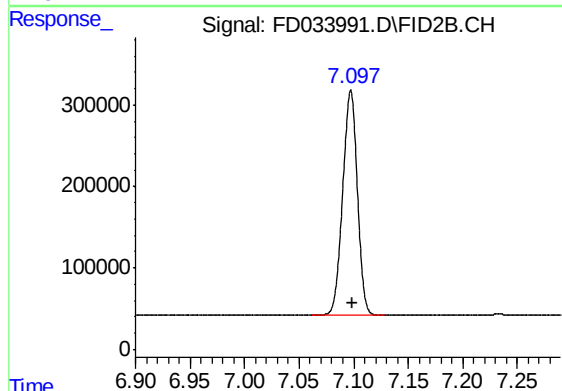
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 2497326
Conc: 18.91 ug/ml



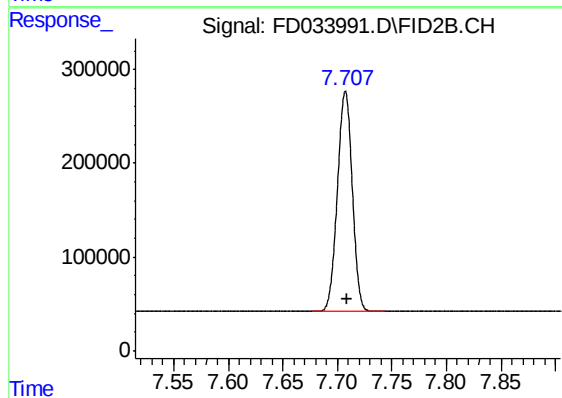
#2 Naphthalene (C11.7)

R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 2600854
Conc: 18.78 ug/ml



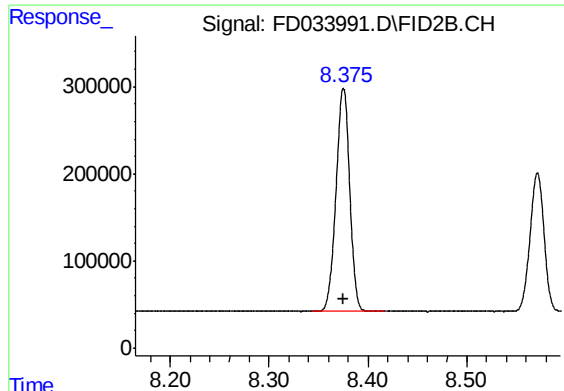
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: -0.001 min
Response: 2600727
Conc: 18.67 ug/ml



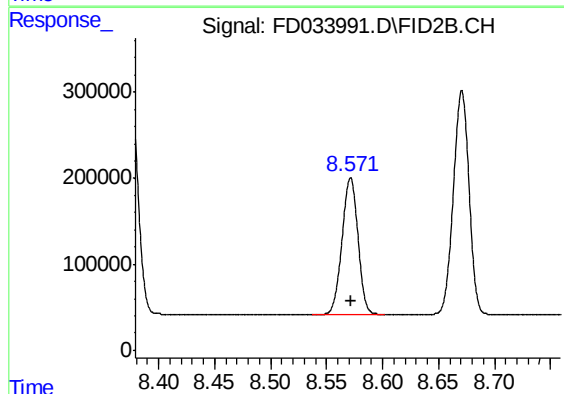
#4 2-Bromonaphthalene (SURR)

R.T.: 7.707 min
Delta R.T.: -0.001 min
Response: 2238391
Conc: 18.64 ug/ml



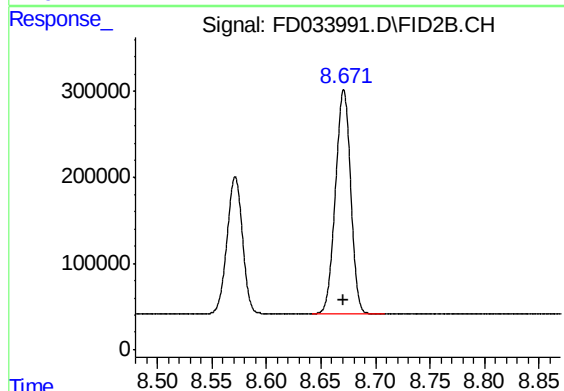
#5 Acenaphthylene (C15.06)

R.T.: 8.375 min
Delta R.T.: 0.000 min
Response: 2470642
Conc: 18.38 ug/ml



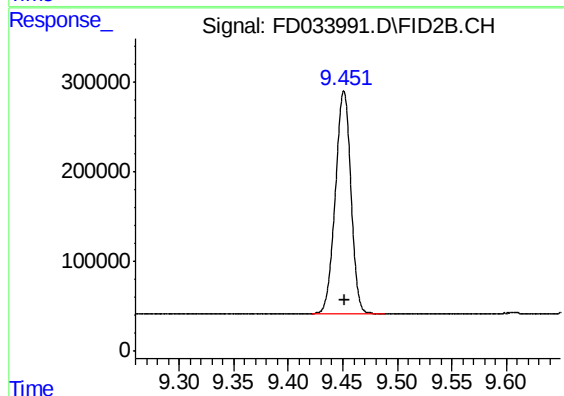
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 1564648
Conc: 18.46 ug/ml



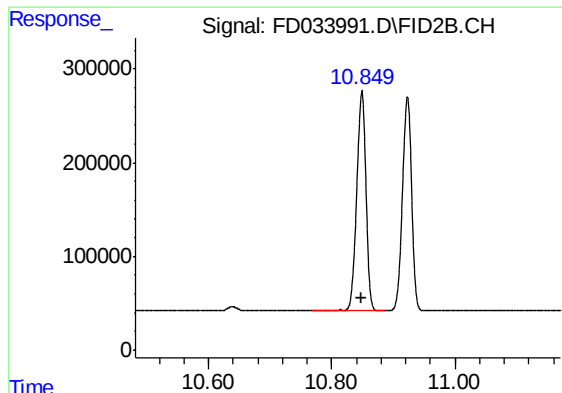
#7 Acenaphthene (C15.5)

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 2526152
Conc: 18.46 ug/ml



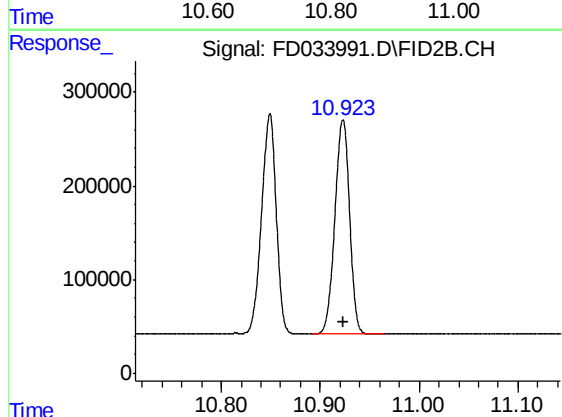
#8 Fluorene (C16.55)

R.T.: 9.451 min
Delta R.T.: 0.000 min
Response: 2462778
Conc: 18.32 ug/ml



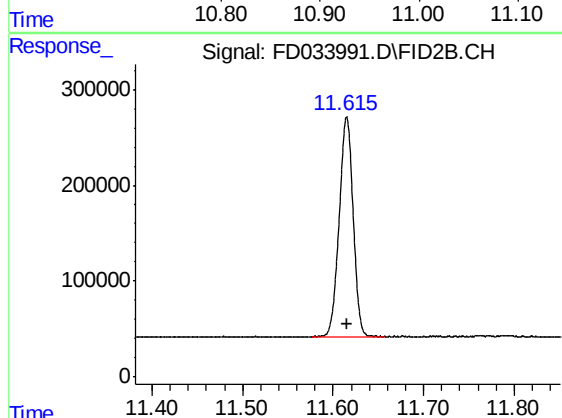
#9 Phenanthrene (C19.36)

R.T.: 10.849 min
Delta R.T.: 0.000 min
Response: 2440254
Conc: 18.26 ug/ml



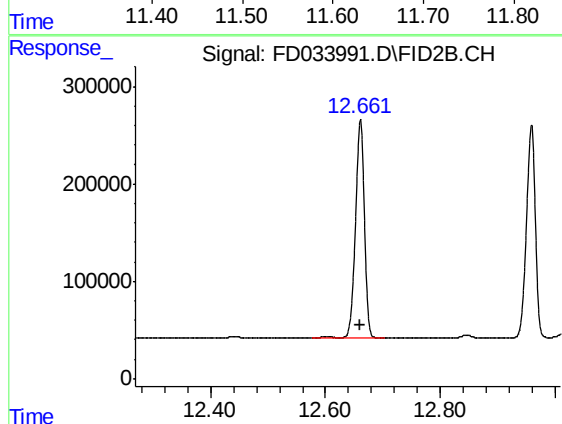
#10 Anthracene (C19.43)

R.T.: 10.923 min
Delta R.T.: 0.000 min
Response: 2359968
Conc: 17.78 ug/ml



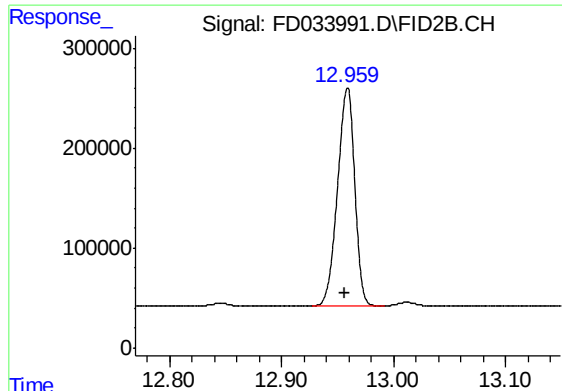
#11 ortho-Terphenyl (SURR)

R.T.: 11.615 min
Delta R.T.: 0.000 min
Response: 2450855
Conc: 18.11 ug/ml



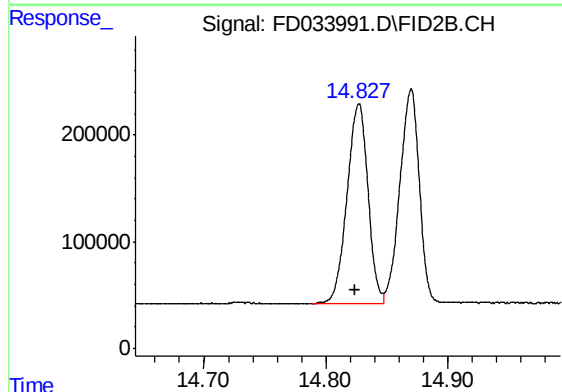
#12 Fluoranthene (C21.85)

R.T.: 12.661 min
Delta R.T.: 0.001 min
Response: 2403798
Conc: 18.09 ug/ml



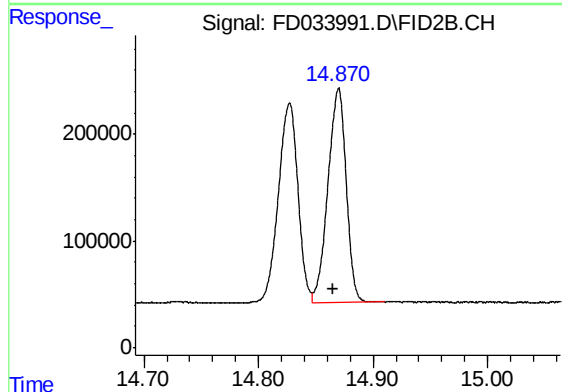
#13 Pyrene (C20.8)

R.T.: 12.959 min
Delta R.T.: 0.002 min
Response: 2325996
Conc: 17.94 ug/ml



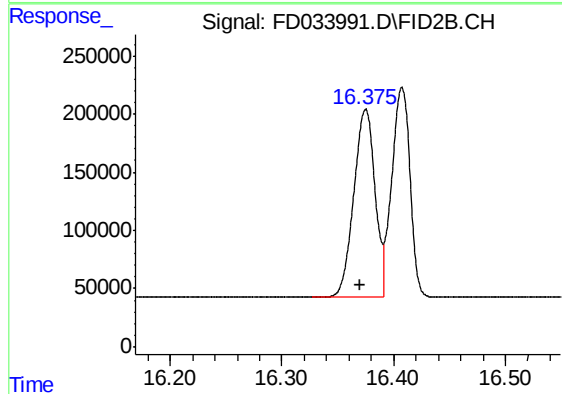
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.827 min
Delta R.T.: 0.003 min
Response: 2214154
Conc: 17.79 ug/ml



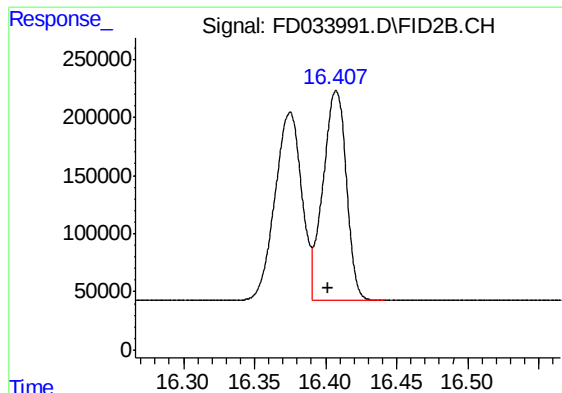
#15 Chrysene (C27.41)

R.T.: 14.870 min
Delta R.T.: 0.004 min
Response: 2218148
Conc: 17.86 ug/ml



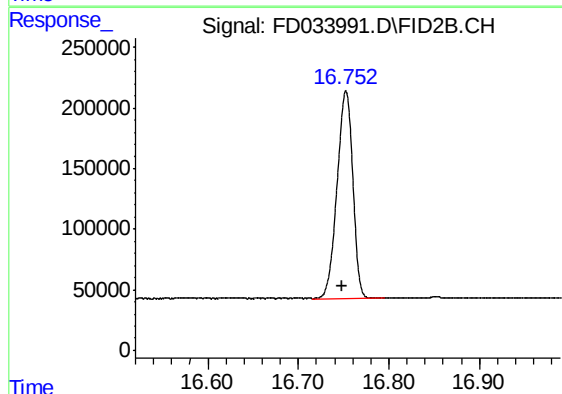
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.375 min
Delta R.T.: 0.005 min
Response: 2122346
Conc: 17.84 ug/ml



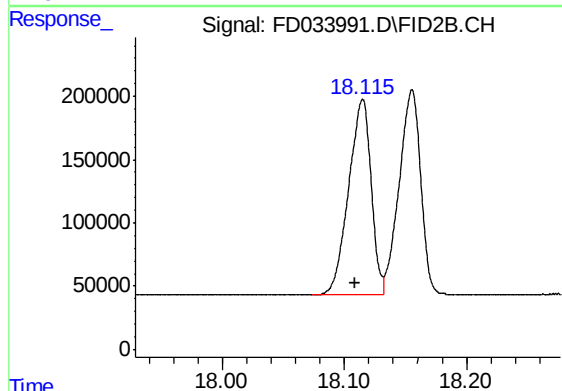
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.408 min
Delta R.T.: 0.006 min
Response: 2062333
Conc: 17.80 ug/ml



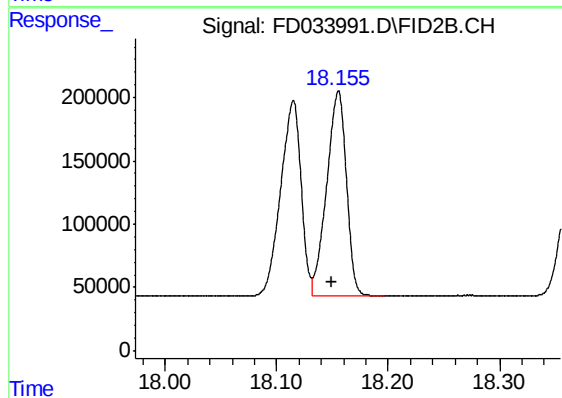
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.753 min
Delta R.T.: 0.005 min
Response: 2072233
Conc: 17.81 ug/ml



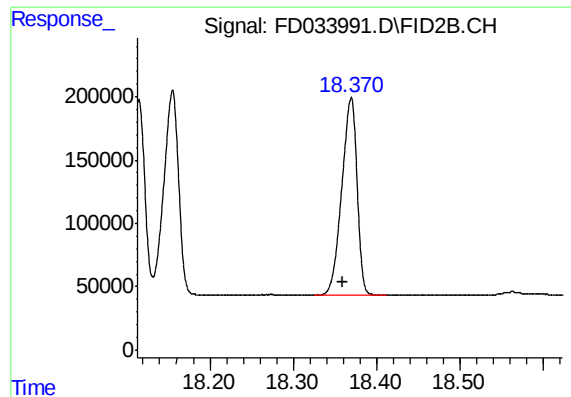
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.115 min
Delta R.T.: 0.007 min
Response: 1972972
Conc: 17.72 ug/ml



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

R.T.: 18.155 min
Delta R.T.: 0.006 min
Response: 1983334
Conc: 17.95 ug/ml



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

R.T.: 18.370 min
Delta R.T.: 0.009 min
Response: 1974922
Conc: 17.88 ug/ml