

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120219AR\
 Data File : FD031754.D
 Signal(s) : FID2B.CH
 Acq On : 02 Dec 2019 11:09
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 03 01:09:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 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...	7.651	2154044	18.096 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
6) S 2-Fluorobiphenyl (SURR)	8.514	1428487	17.338 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.68%
11) S ortho-Terphenyl (SURR)	11.552	2144860	16.761 ug/ml
Spiked Amount 50.000		Recovery =	33.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.452	2409727	20.076 ug/ml
2) T Naphthalene (C11.7)	5.991	2439721	18.948 ug/ml
3) T 2-Methylnaphthalene (...)	7.043	2363235	18.401 ug/ml
5) T Acenaphthylene (C15.06)	8.318	2208065	17.540 ug/ml
7) T Acenaphthene (C15.5)	8.613	2290966	17.497 ug/ml
8) T Flouorene (C16.55)	9.392	2217430	16.960 ug/ml
9) T Phenanthrene (C19.36)	10.789	2167044	16.447 ug/ml
10) T Anthracene (C19.43)	10.863	2120744	16.447 ug/ml
12) T Fluoranthene (C21.85)	12.599	2137990	16.133 ug/ml
13) T Pyrene (C20.8)	12.896	2125684	16.141 ug/ml
14) T Benzo[a]anthracene (C...	14.765	2045499	16.159 ug/ml
15) T Chrysene (C27.41)	14.807	2061690	16.255 ug/ml
16) T benzo[b]fluoranthene ...	16.315	2113259	16.835 ug/ml
17) T Bnezo[k]fluoranthene ...	16.346	2072228	16.467 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.693	2076925	16.736 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.057	2015177	16.567 ug/ml
20) T Dibenz[a,h]anthracene...	18.095	1950057	15.749 ug/ml
21) T Benzo[g,h,i]perylene ...	18.311	2042931	16.935 ug/ml

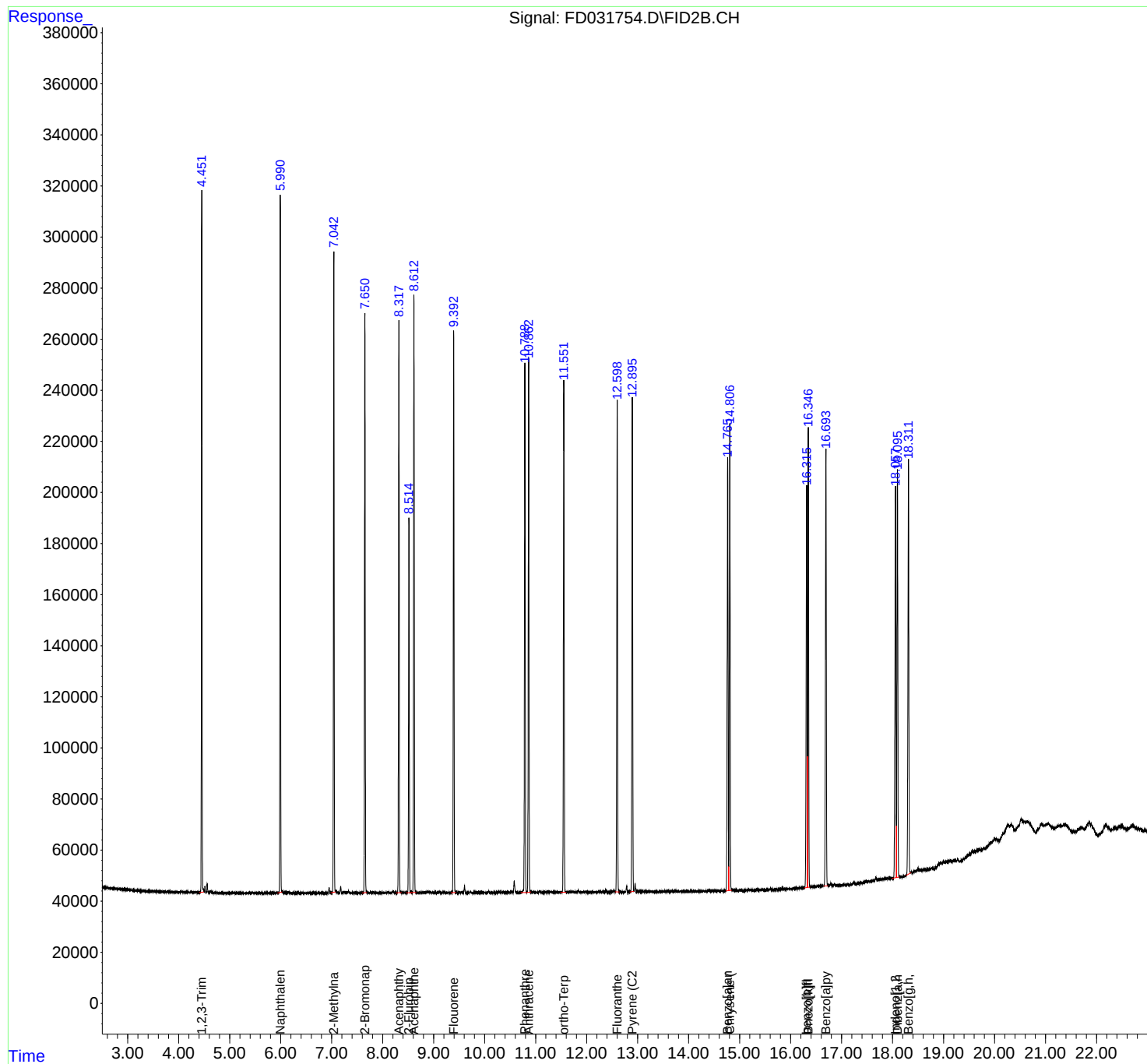
(f)=RT Delta > 1/2 Window

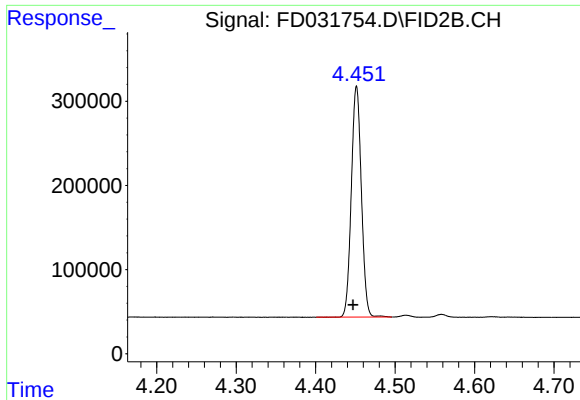
(m)=manual int.

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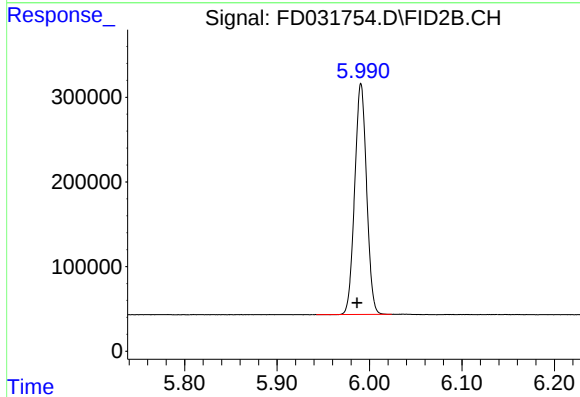
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





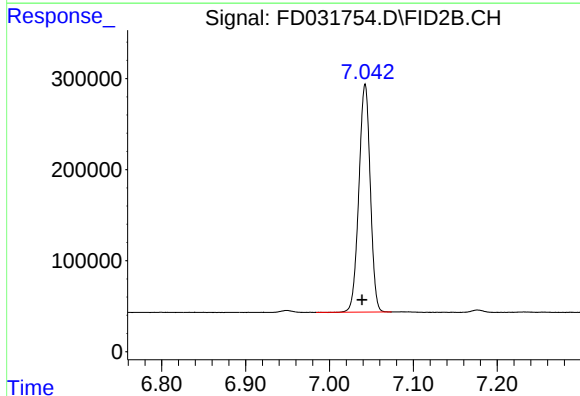
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.452 min
Delta R.T.: 0.005 min
Response: 2409727
Conc: 20.08 ug/ml



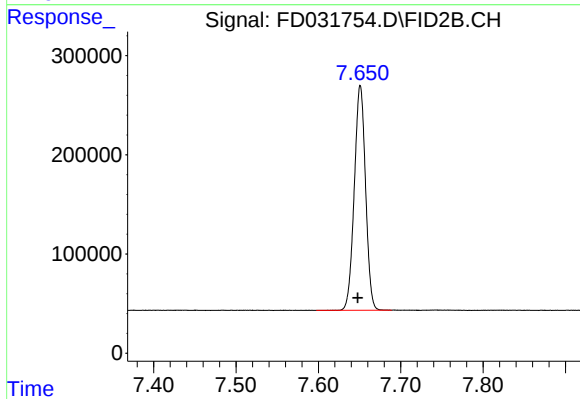
#2 Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: 0.004 min
Response: 2439721
Conc: 18.95 ug/ml



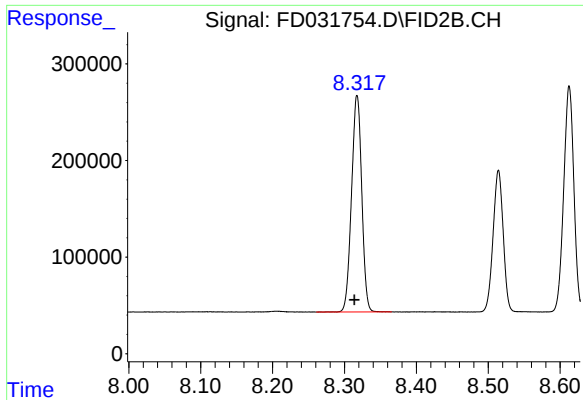
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.043 min
Delta R.T.: 0.004 min
Response: 2363235
Conc: 18.40 ug/ml



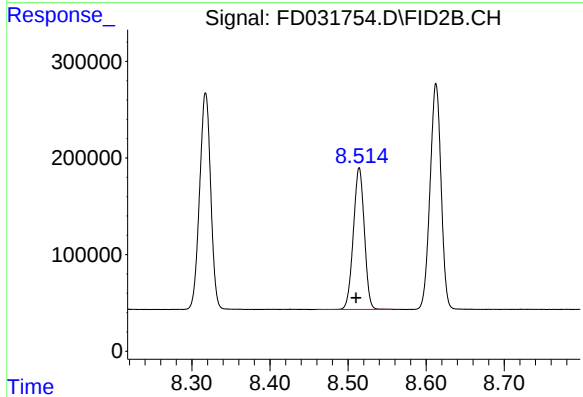
#4 2-Bromonaphthalene (SURR)

R.T.: 7.651 min
Delta R.T.: 0.003 min
Response: 2154044
Conc: 18.10 ug/ml



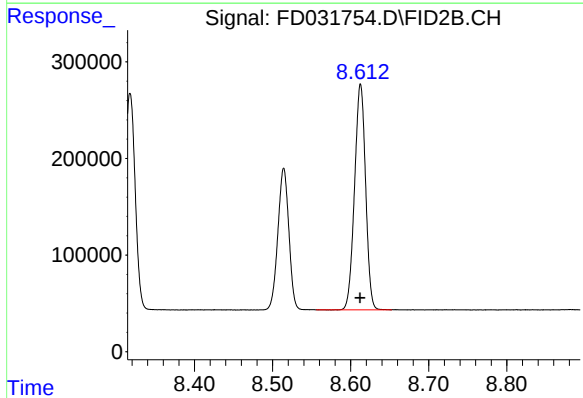
#5 Acenaphthylene (C15.06)

R.T.: 8.318 min
Delta R.T.: 0.003 min
Response: 2208065
Conc: 17.54 ug/ml



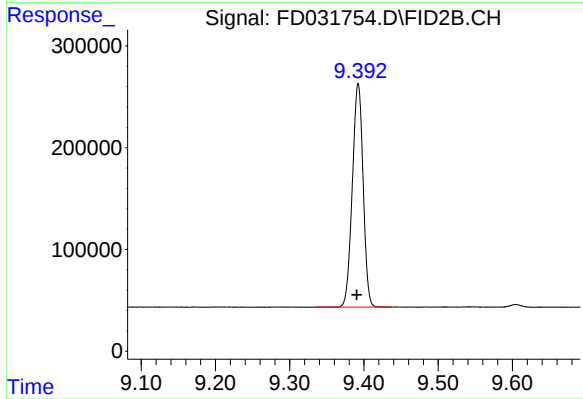
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.514 min
Delta R.T.: 0.004 min
Response: 1428487
Conc: 17.34 ug/ml



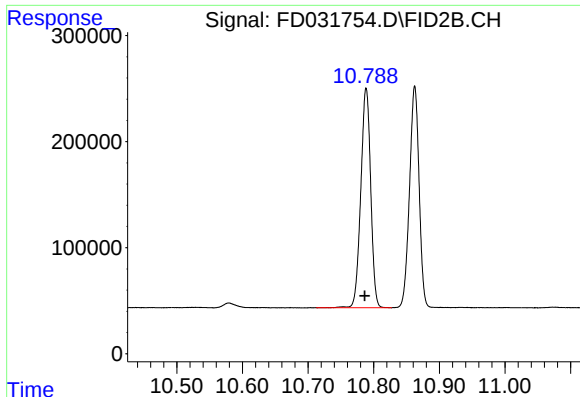
#7 Acenaphthene (C15.5)

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 2290966
Conc: 17.50 ug/ml



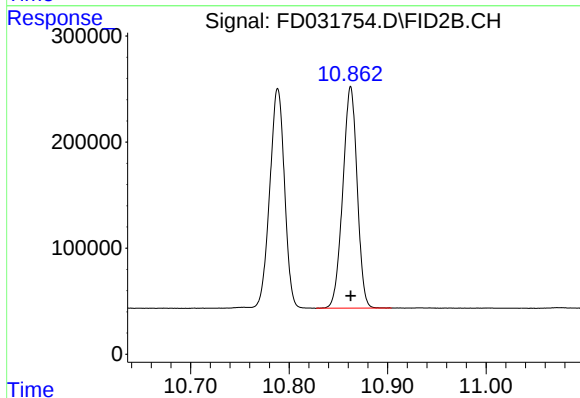
#8 Fluorene (C16.55)

R.T.: 9.392 min
Delta R.T.: 0.002 min
Response: 2217430
Conc: 16.96 ug/ml



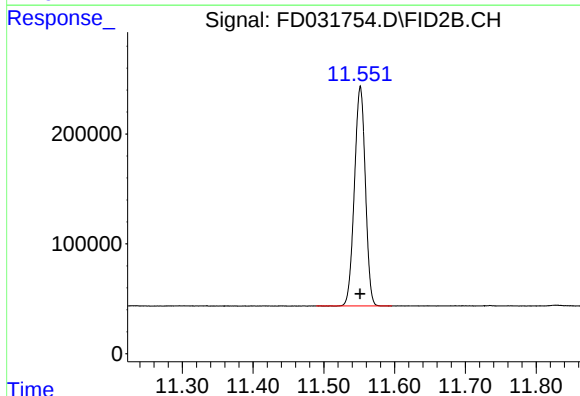
#9 Phenanthrene (C19.36)

R.T.: 10.789 min
Delta R.T.: 0.002 min
Response: 2167044
Conc: 16.45 ug/ml



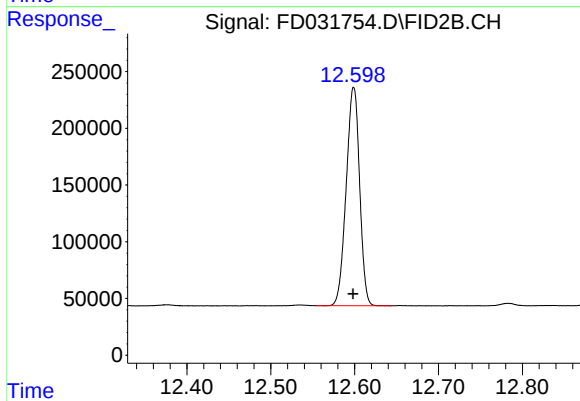
#10 Anthracene (C19.43)

R.T.: 10.863 min
Delta R.T.: 0.000 min
Response: 2120744
Conc: 16.45 ug/ml



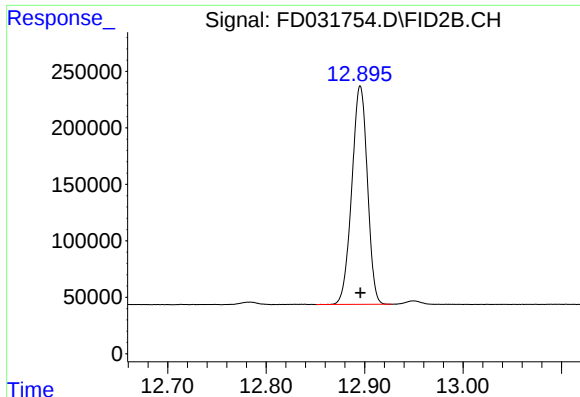
#11 ortho-Terphenyl (SURR)

R.T.: 11.552 min
Delta R.T.: 0.000 min
Response: 2144860
Conc: 16.76 ug/ml



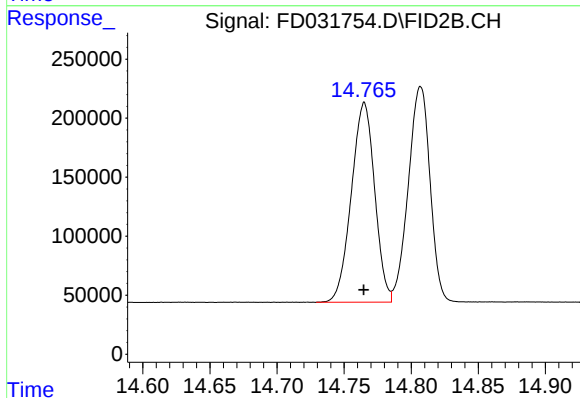
#12 Fluoranthene (C21.85)

R.T.: 12.599 min
Delta R.T.: 0.000 min
Response: 2137990
Conc: 16.13 ug/ml



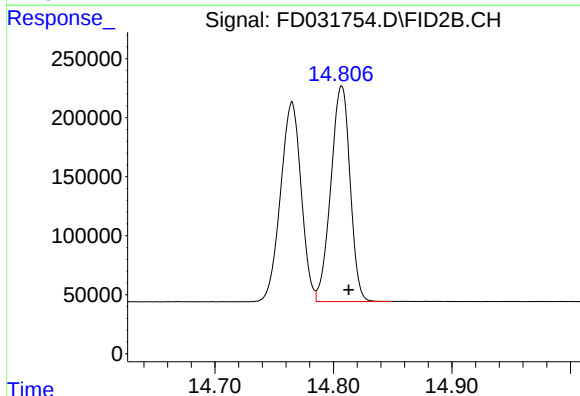
#13 Pyrene (C20.8)

R.T.: 12.896 min
Delta R.T.: 0.000 min
Response: 2125684
Conc: 16.14 ug/ml



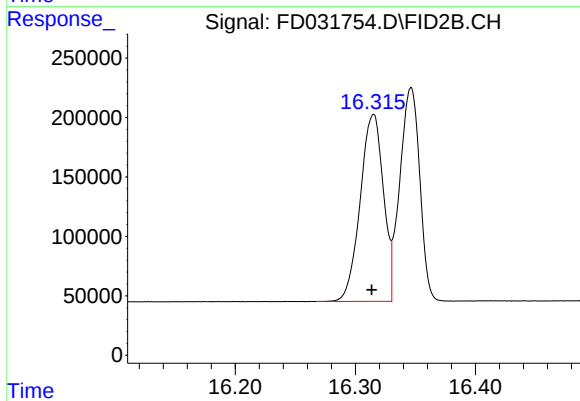
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: 0.000 min
Response: 2045499
Conc: 16.16 ug/ml



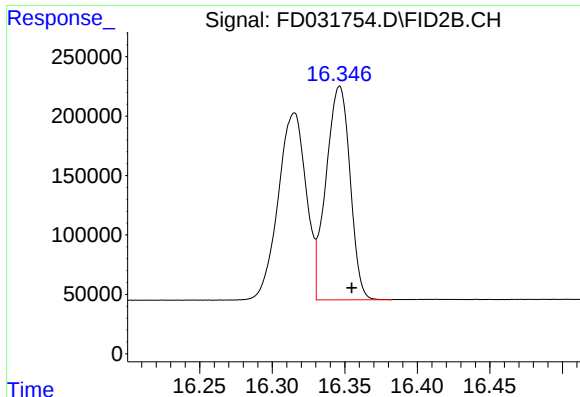
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: -0.006 min
Response: 2061690
Conc: 16.26 ug/ml



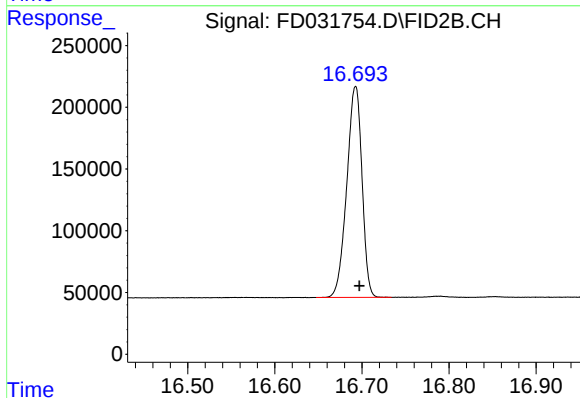
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.315 min
Delta R.T.: 0.001 min
Response: 2113259
Conc: 16.83 ug/ml



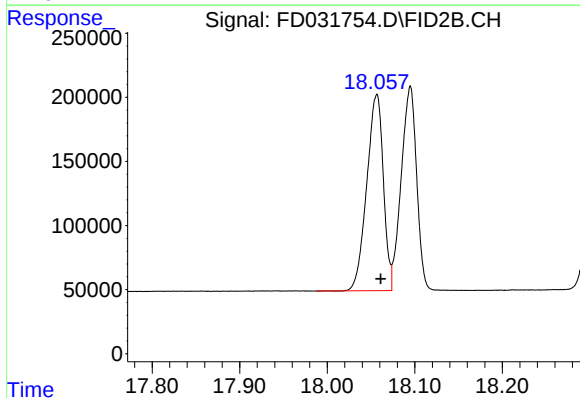
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.346 min
Delta R.T.: -0.008 min
Response: 2072228
Conc: 16.47 ug/ml



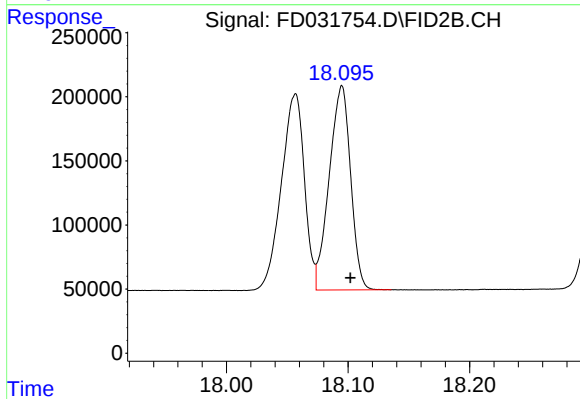
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.693 min
Delta R.T.: -0.004 min
Response: 2076925
Conc: 16.74 ug/ml



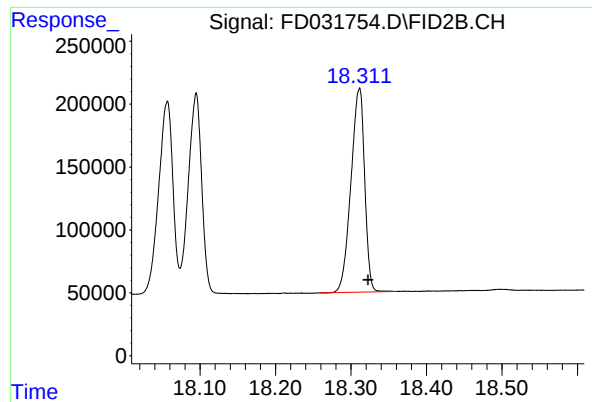
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.057 min
Delta R.T.: -0.005 min
Response: 2015177
Conc: 16.57 ug/ml



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

R.T.: 18.095 min
Delta R.T.: -0.007 min
Response: 1950057
Conc: 15.75 ug/ml



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

R.T.: 18.311 min
Delta R.T.: -0.011 min
Response: 2042931
Conc: 16.93 ug/ml