

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091020AR\
 Data File : FD034712.D
 Signal(s) : FID2B.CH
 Acq On : 10 Sep 2020 9:10
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 11 03:15:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 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...	7.686	2149920	20.961 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
6) S 2-Fluorobiphenyl (SURR)	8.552	1499201	20.836 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.67%
11) S ortho-Terphenyl (SURR)	11.592	2445204	20.411 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.480	2423245	21.404 ug/ml
2) T Naphthalene (C11.7)	6.024	2452853	21.014 ug/ml
3) T 2-Methylnaphthalene (...)	7.077	2475956	20.964 ug/ml
5) T Acenaphthylene (C15.06)	8.354	2393889	20.483 ug/ml
7) T Acenaphthene (C15.5)	8.650	2464671	20.715 ug/ml
8) T Fluorene (C16.55)	9.430	2387315	20.705 ug/ml
9) T Phenanthrene (C19.36)	10.828	2374803	20.367 ug/ml
10) T Anthracene (C19.43)	10.903	2178442	19.123 ug/ml
12) T Fluoranthene (C21.85)	12.641	2347221	20.128 ug/ml
13) T Pyrene (C20.8)	12.939	2274592	20.043 ug/ml
14) T Benzo[a]anthracene (C...	14.811	2187712	19.823 ug/ml
15) T Chrysene (C27.41)	14.852	2227164	19.939 ug/ml
16) T benzo[b]fluoranthene ...	16.360	2210975	20.642 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.392	2151321	20.289 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.739	2154239	20.457 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.103	2145948	21.183 ug/mlm
20) T Dibenz[a,h]anthracene...	18.142	2200246	21.655 ug/ml
21) T Benzo[g,h,i]perylene ...	18.358	2164066	21.432 ug/ml

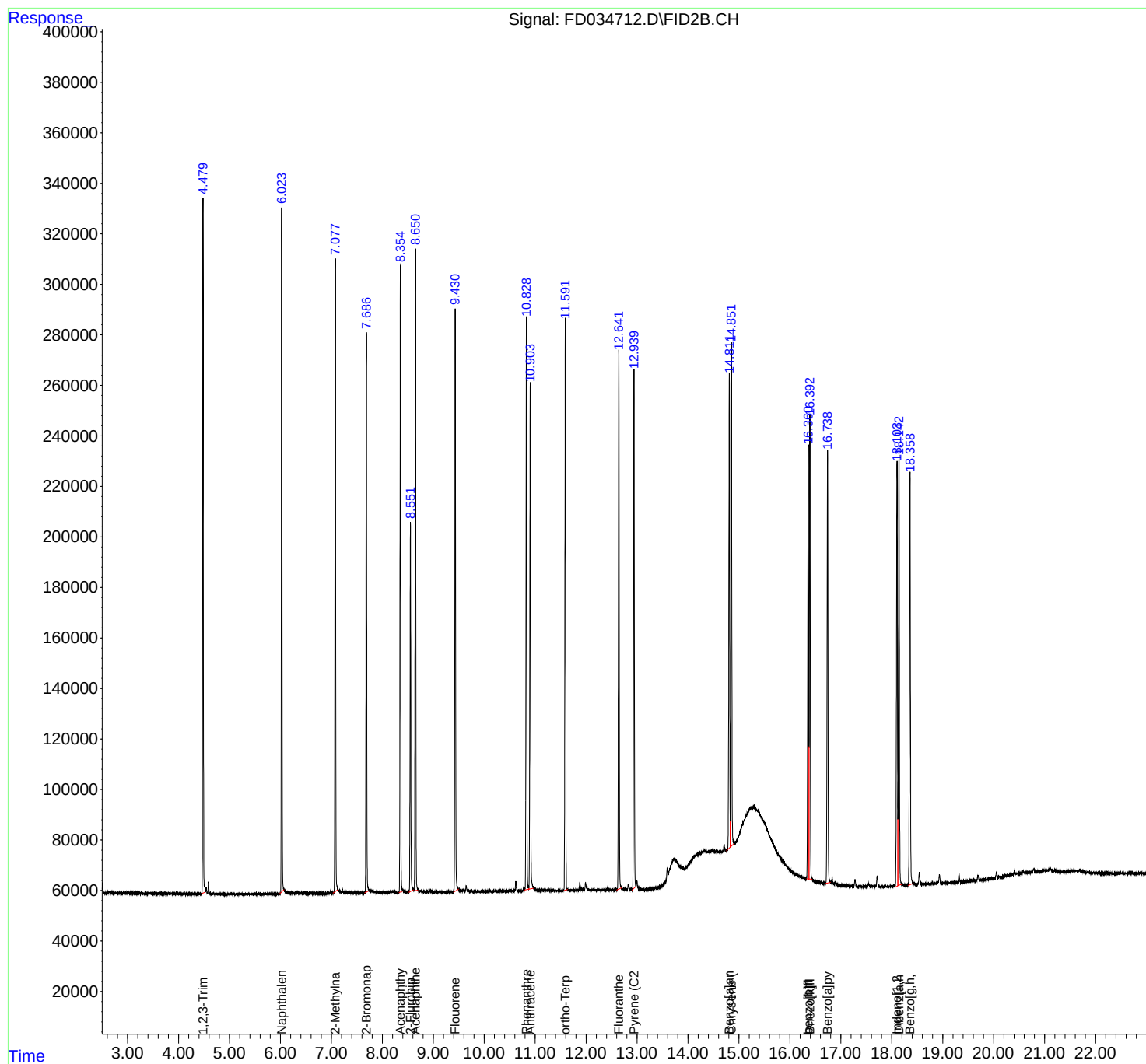
(f)=RT Delta > 1/2 Window

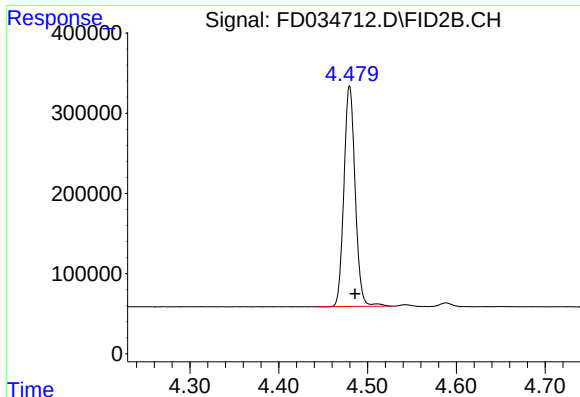
(m)=manual int.

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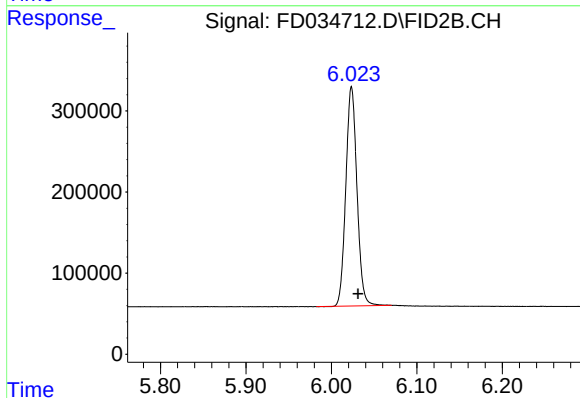
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Signal Info : 20M x 0.18mm x 0.18µm





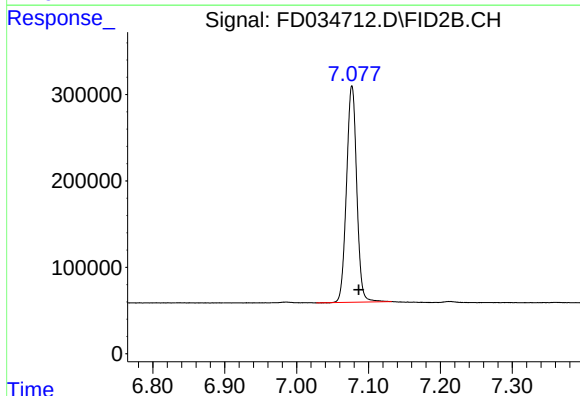
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.480 min
Delta R.T.: -0.006 min
Response: 2423245
Conc: 21.40 ug/ml



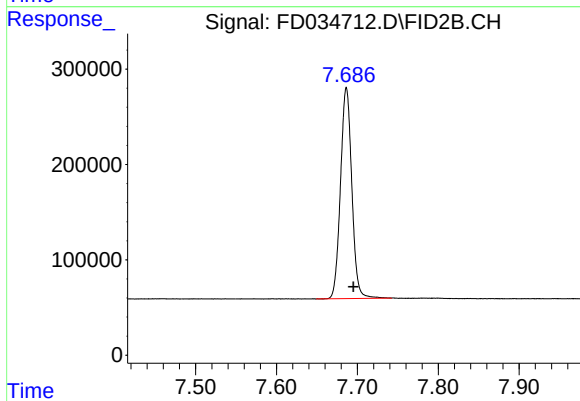
#2 Naphthalene (C11.7)

R.T.: 6.024 min
Delta R.T.: -0.008 min
Response: 2452853
Conc: 21.01 ug/ml



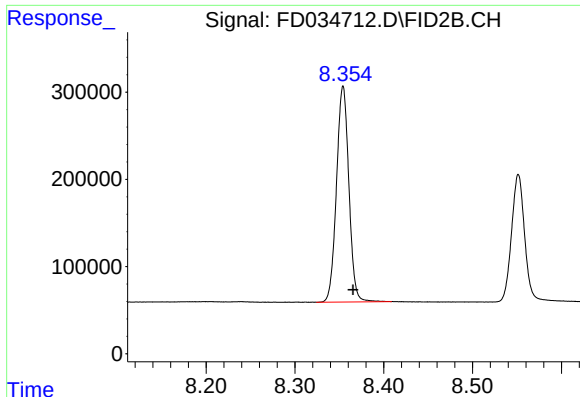
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.077 min
Delta R.T.: -0.009 min
Response: 2475956
Conc: 20.96 ug/ml



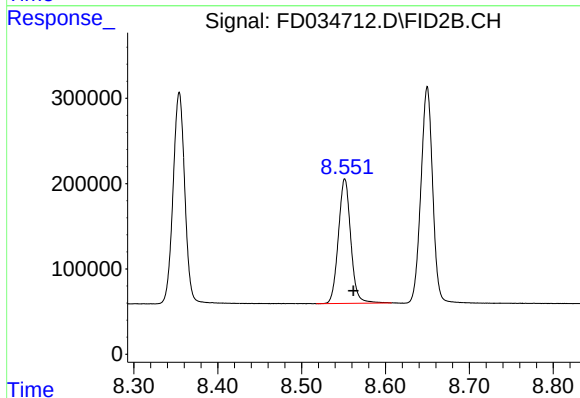
#4 2-Bromonaphthalene (SURR)

R.T.: 7.686 min
Delta R.T.: -0.008 min
Response: 2149920
Conc: 20.96 ug/ml



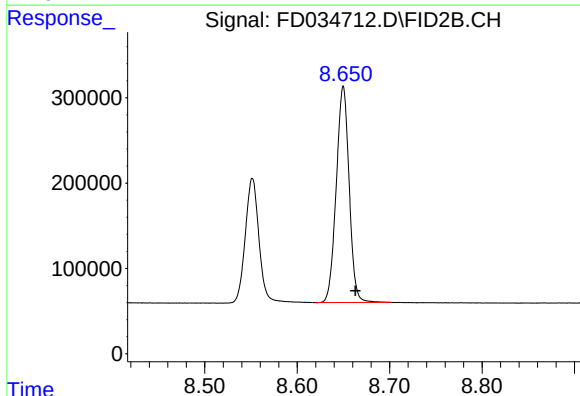
#5 Acenaphthylene (C15.06)

R.T.: 8.354 min
Delta R.T.: -0.011 min
Response: 2393889
Conc: 20.48 ug/ml



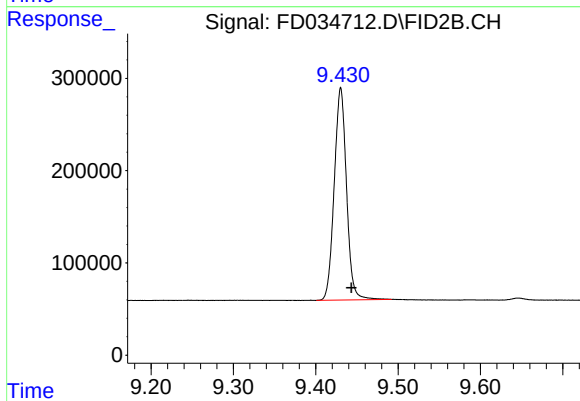
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.552 min
Delta R.T.: -0.010 min
Response: 1499201
Conc: 20.84 ug/ml



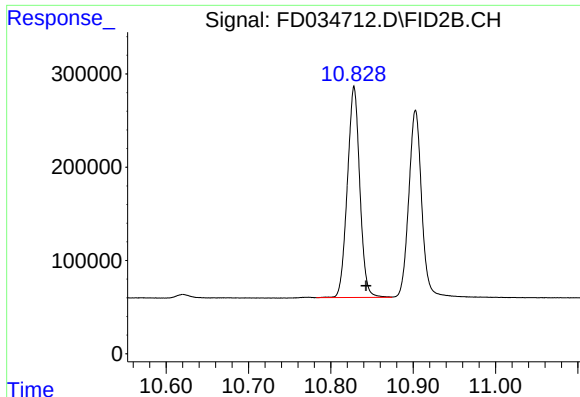
#7 Acenaphthene (C15.5)

R.T.: 8.650 min
Delta R.T.: -0.013 min
Response: 2464671
Conc: 20.72 ug/ml



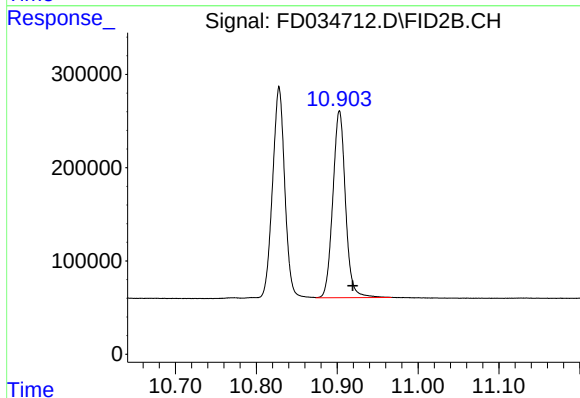
#8 Flouorene (C16.55)

R.T.: 9.430 min
Delta R.T.: -0.013 min
Response: 2387315
Conc: 20.71 ug/ml



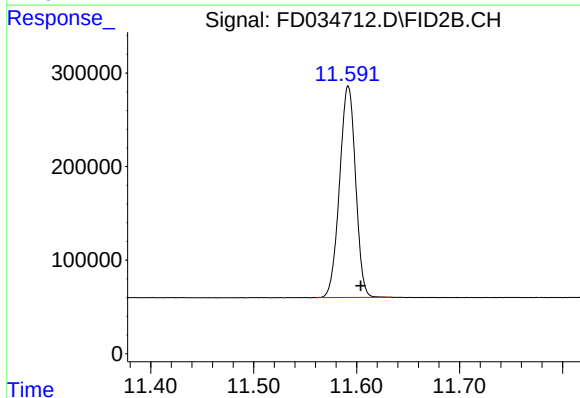
#9 Phenanthrene (C19.36)

R.T.: 10.828 min
Delta R.T.: -0.015 min
Response: 2374803
Conc: 20.37 ug/ml



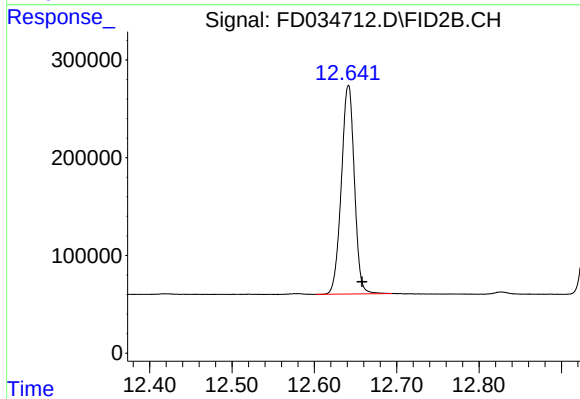
#10 Anthracene (C19.43)

R.T.: 10.903 min
Delta R.T.: -0.016 min
Response: 2178442
Conc: 19.12 ug/ml



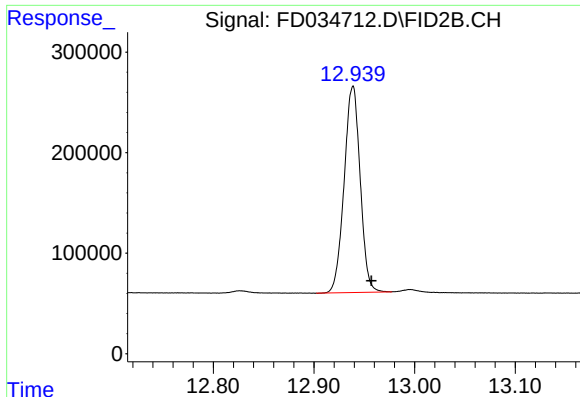
#11 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: -0.012 min
Response: 2445204
Conc: 20.41 ug/ml



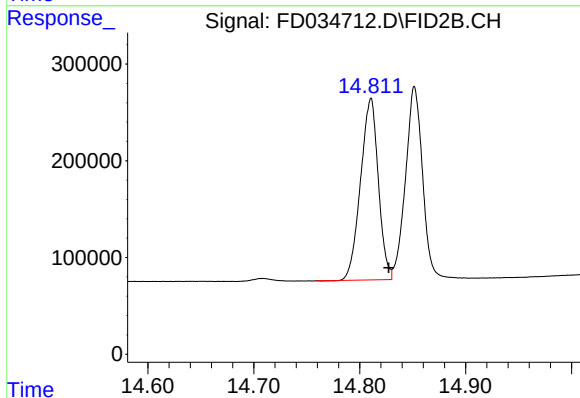
#12 Fluoranthene (C21.85)

R.T.: 12.641 min
Delta R.T.: -0.016 min
Response: 2347221
Conc: 20.13 ug/ml



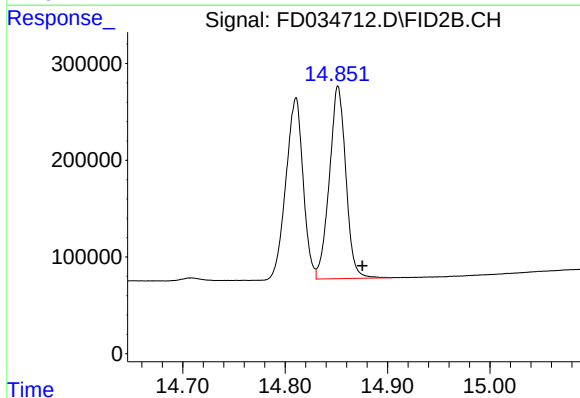
#13 Pyrene (C20.8)

R.T.: 12.939 min
Delta R.T.: -0.018 min
Response: 2274592
Conc: 20.04 ug/ml



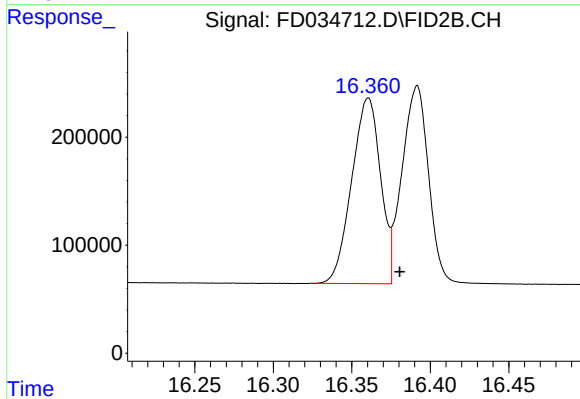
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.811 min
Delta R.T.: -0.017 min
Response: 2187712
Conc: 19.82 ug/ml



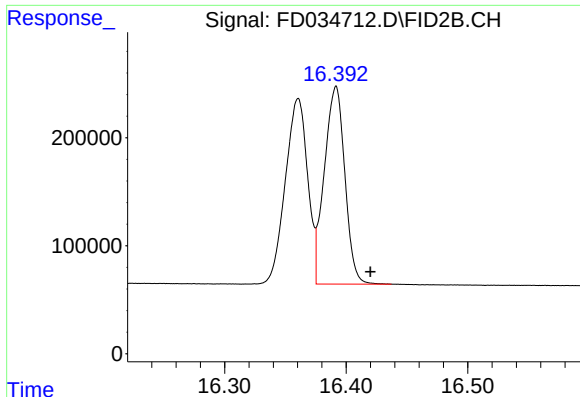
#15 Chrysene (C27.41)

R.T.: 14.852 min
Delta R.T.: -0.024 min
Response: 2227164
Conc: 19.94 ug/ml



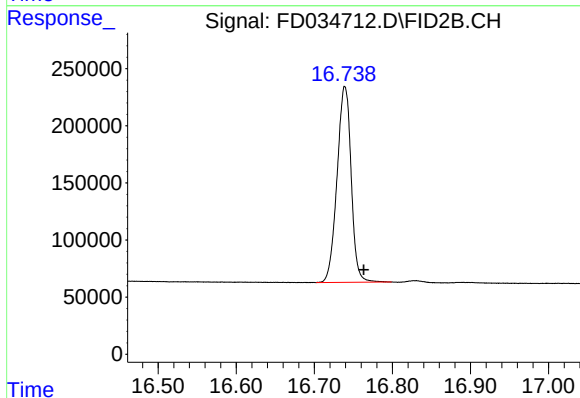
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.360 min
Delta R.T.: -0.020 min
Response: 2210975
Conc: 20.64 ug/ml m



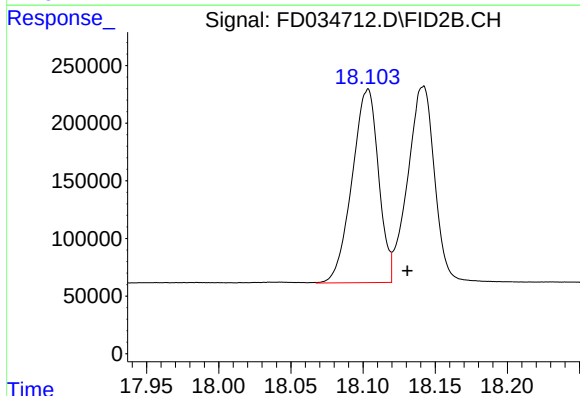
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.392 min
Delta R.T.: -0.028 min
Response: 2151321
Conc: 20.29 ug/ml



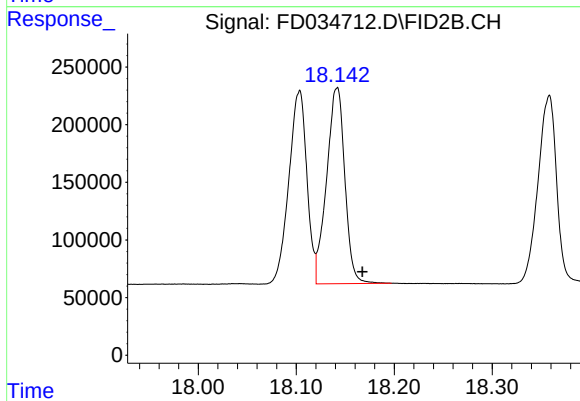
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.739 min
Delta R.T.: -0.024 min
Response: 2154239
Conc: 20.46 ug/ml



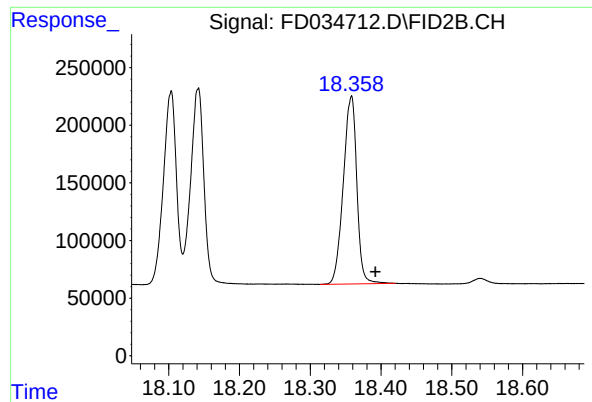
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.103 min
Delta R.T.: -0.027 min
Response: 2145948
Conc: 21.18 ug/ml m



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

R.T.: 18.142 min
Delta R.T.: -0.026 min
Response: 2200246
Conc: 21.66 ug/ml



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

R.T.: 18.358 min
Delta R.T.: -0.034 min
Response: 2164066
Conc: 21.43 ug/ml