

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101619AR\
 Data File : FD031039.D
 Signal(s) : FID2B.CH
 Acq On : 16 Oct 2019 19:20
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 17 01:29:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 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...	7.552	2093610	21.903 ug/ml
Spiked Amount 50.000		Recovery =	43.81%
6) S 2-Fluorobiphenyl (SURR)	8.413	1387683	21.870 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.74%
11) S ortho-Terphenyl (SURR)	11.439	2286339	20.861 ug/ml
Spiked Amount 50.000		Recovery =	41.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	2161789	21.792 ug/ml
2) T Naphthalene (C11.7)	5.895	2253124	22.253 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	2273886	22.177 ug/ml
5) T Acenaphthylene (C15.06)	8.213	2237051	21.671 ug/ml
7) T Acenaphthene (C15.5)	8.507	2376424	21.771 ug/ml
8) T Flouorene (C16.55)	9.287	2249751	21.703 ug/ml
9) T Phenanthrene (C19.36)	10.677	2247088	21.510 ug/ml
10) T Anthracene (C19.43)	10.754	2212237	21.083 ug/ml
12) T Fluoranthene (C21.85)	12.483	2268740	21.357 ug/ml
13) T Pyrene (C20.8)	12.779	2194605	20.712 ug/ml
14) T Benzo[a]anthracene (C...	14.645	2088442	21.738 ug/ml
15) T Chrysene (C27.41)	14.687	2309627	21.009 ug/ml
16) T benzo[b]fluoranthene ...	16.191	2116447	21.819 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.223	2278663	20.934 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.572	2069622	21.090 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.934	2009102	22.228 ug/mlm
20) T Dibenz[a,h]anthracene...	17.970	2295773	22.363 ug/ml
21) T Benzo[g,h,i]perylene ...	18.186	2060947	21.621 ug/ml

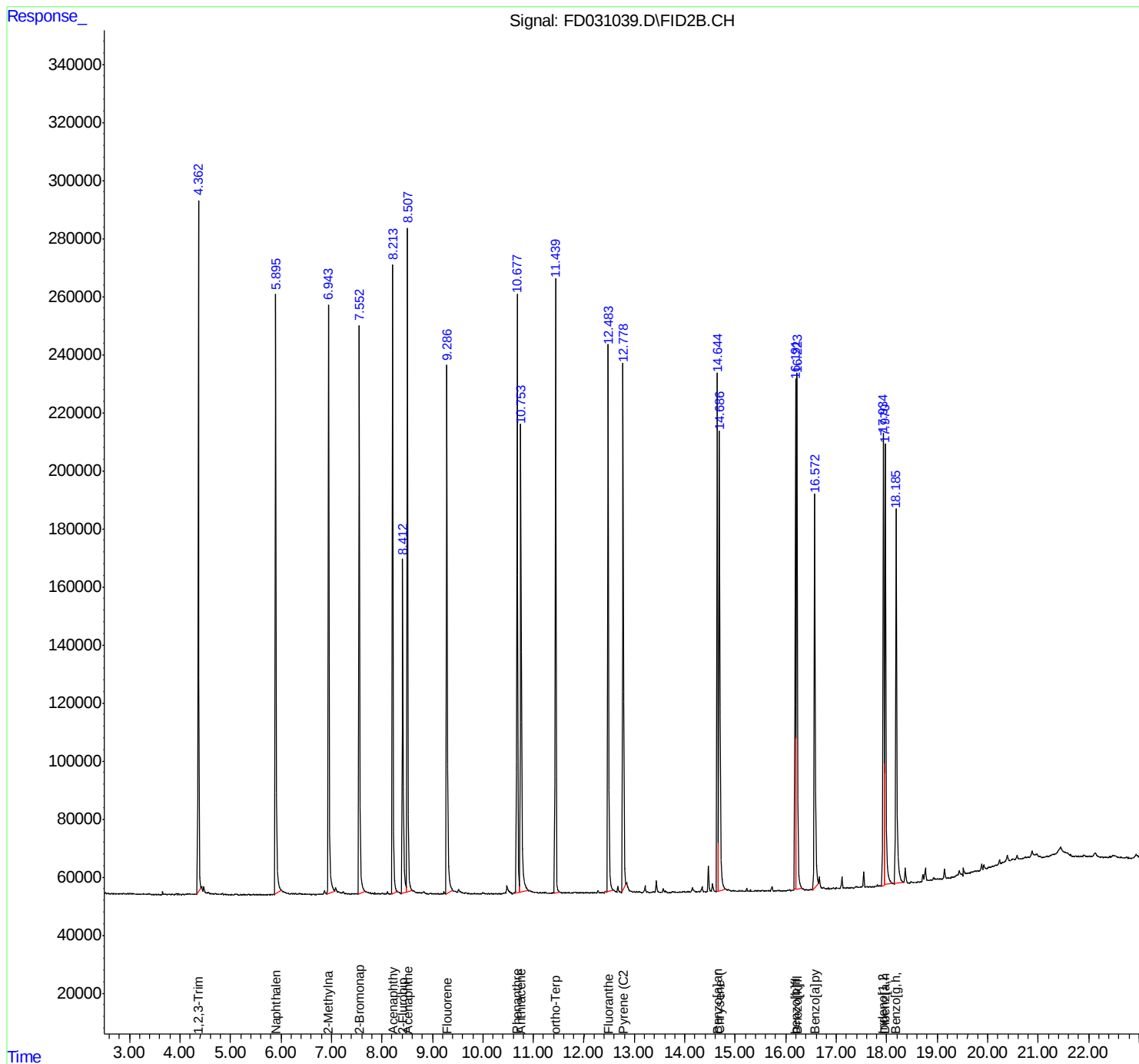
(f)=RT Delta > 1/2 Window

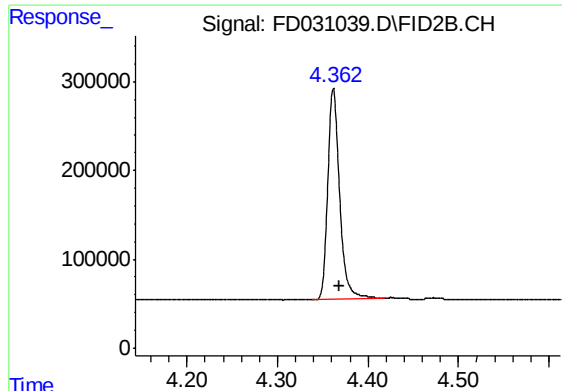
(m)=manual int.

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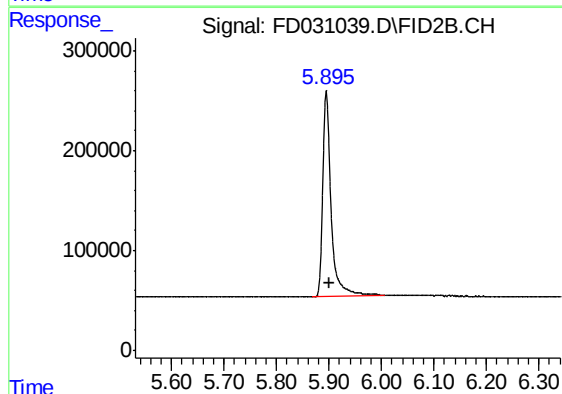
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





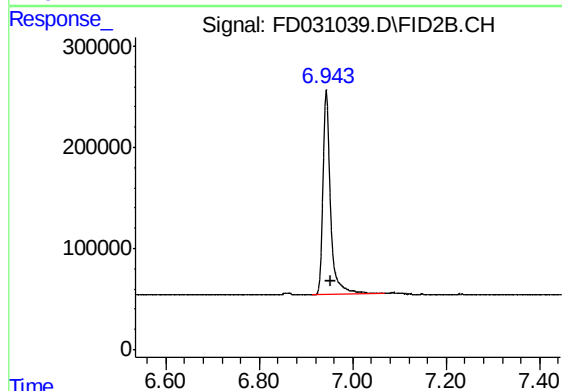
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.362 min
Delta R.T.: -0.006 min
Response: 2161789
Conc: 21.79 ug/ml



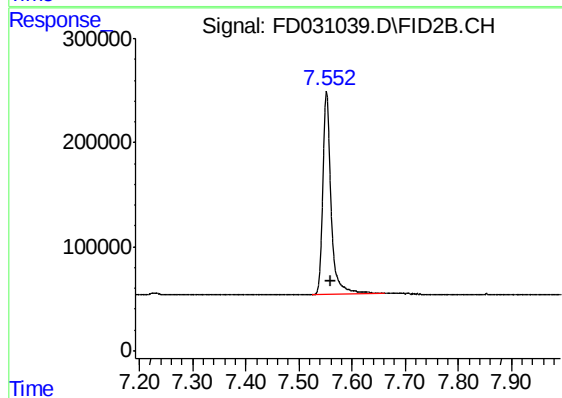
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.007 min
Response: 2253124
Conc: 22.25 ug/ml



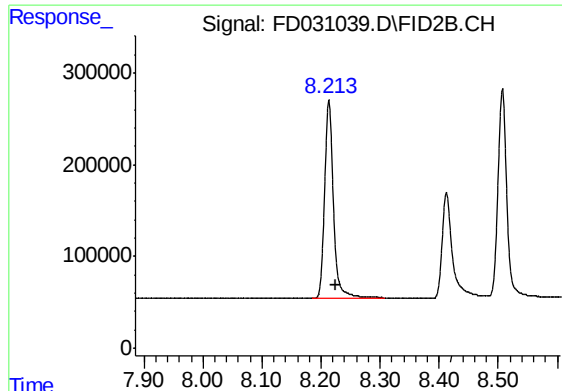
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: -0.009 min
Response: 2273886
Conc: 22.18 ug/ml



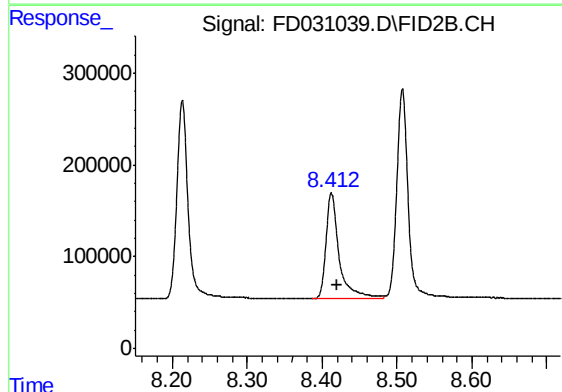
#4 2-Bromonaphthalene (SURR)

R.T.: 7.552 min
Delta R.T.: -0.008 min
Response: 2093610
Conc: 21.90 ug/ml



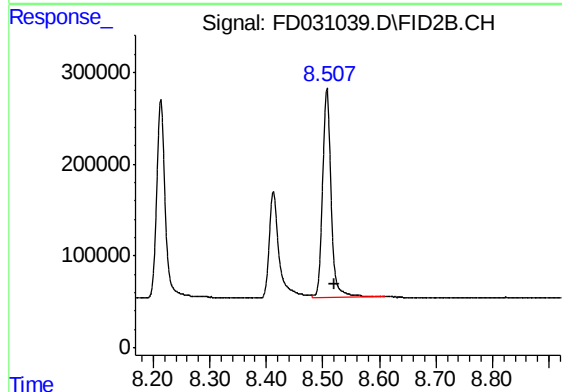
#5 Acenaphthylene (C15.06)

R.T.: 8.213 min
Delta R.T.: -0.011 min
Response: 2237051
Conc: 21.67 ug/ml



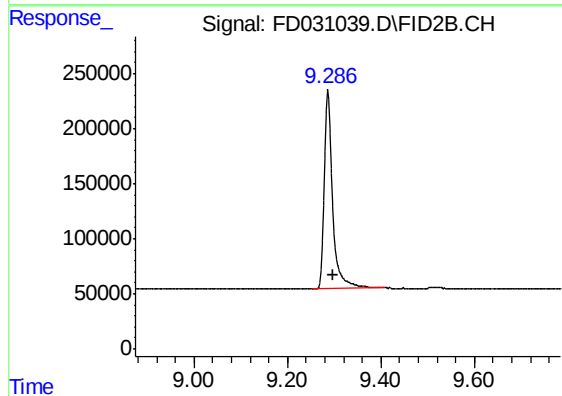
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: -0.008 min
Response: 1387683
Conc: 21.87 ug/ml



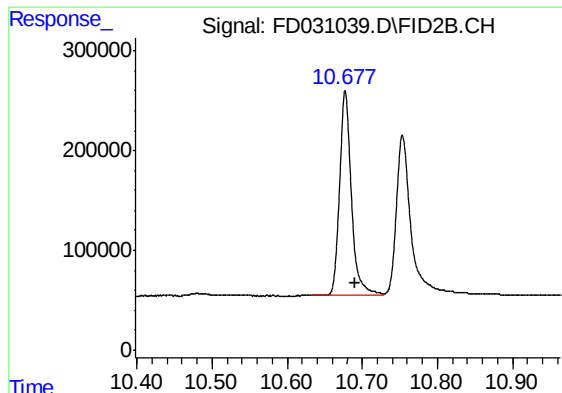
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: -0.013 min
Response: 2376424
Conc: 21.77 ug/ml



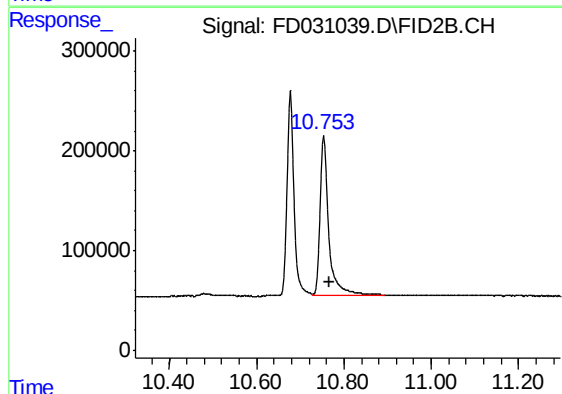
#8 Flouorene (C16.55)

R.T.: 9.287 min
Delta R.T.: -0.012 min
Response: 2249751
Conc: 21.70 ug/ml



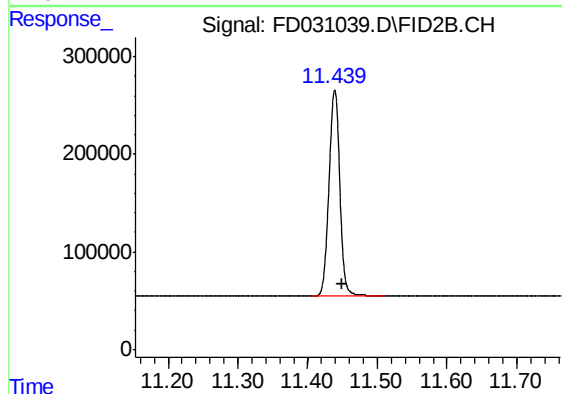
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: -0.013 min
Response: 2247088
Conc: 21.51 ug/ml



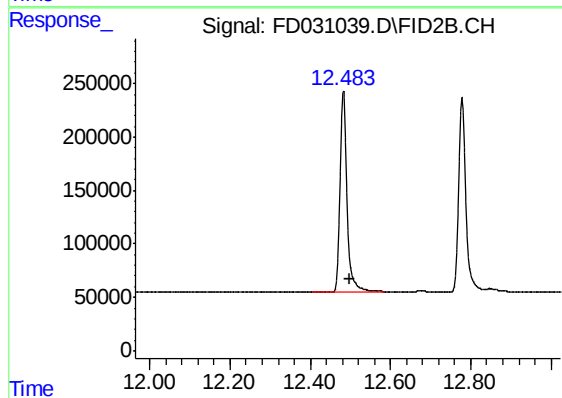
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: -0.014 min
Response: 2212237
Conc: 21.08 ug/ml



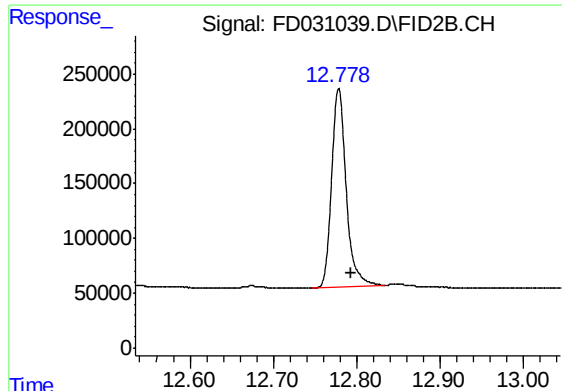
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: -0.010 min
Response: 2286339
Conc: 20.86 ug/ml



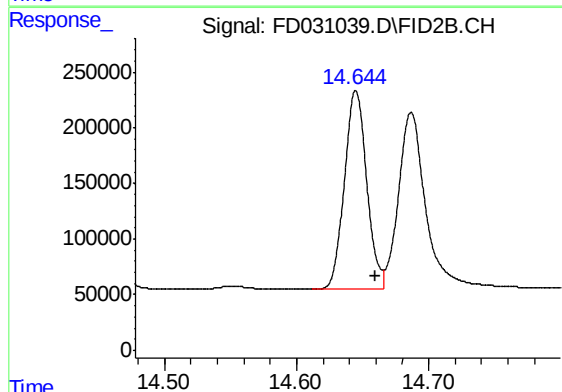
#12 Fluoranthene (C21.85)

R.T.: 12.483 min
Delta R.T.: -0.015 min
Response: 2268740
Conc: 21.36 ug/ml



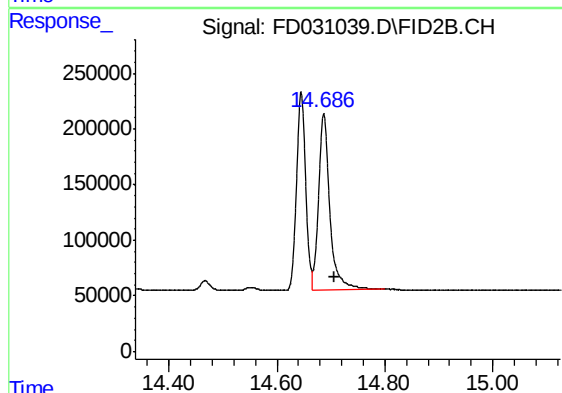
#13 Pyrene (C20.8)

R.T.: 12.779 min
Delta R.T.: -0.015 min
Response: 2194605
Conc: 20.71 ug/ml



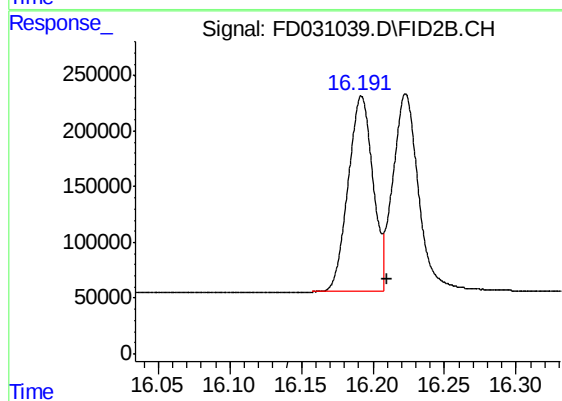
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.645 min
Delta R.T.: -0.014 min
Response: 2088442
Conc: 21.74 ug/ml



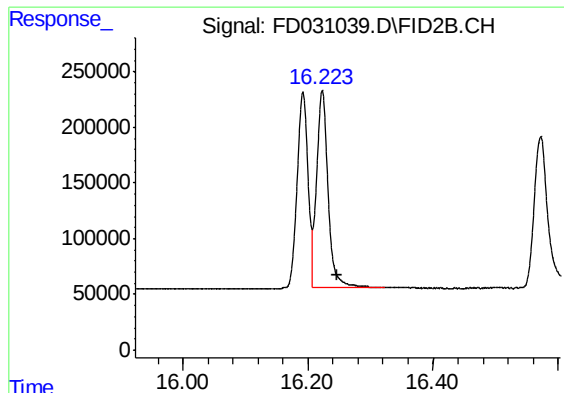
#15 Chrysene (C27.41)

R.T.: 14.687 min
Delta R.T.: -0.019 min
Response: 2309627
Conc: 21.01 ug/ml



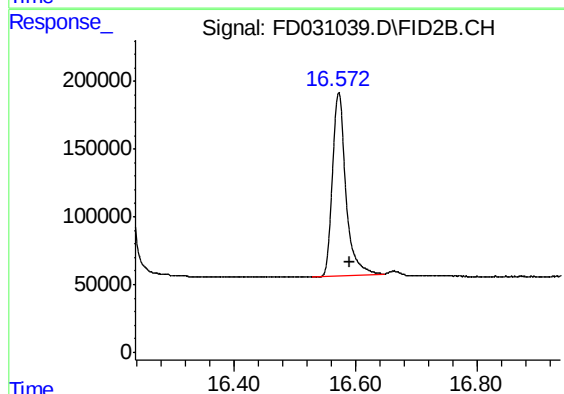
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.191 min
Delta R.T.: -0.018 min
Response: 2116447
Conc: 21.82 ug/ml m



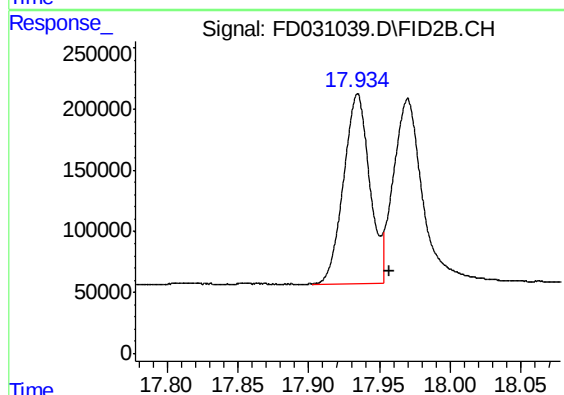
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.223 min
Delta R.T.: -0.024 min
Response: 2278663
Conc: 20.93 ug/ml



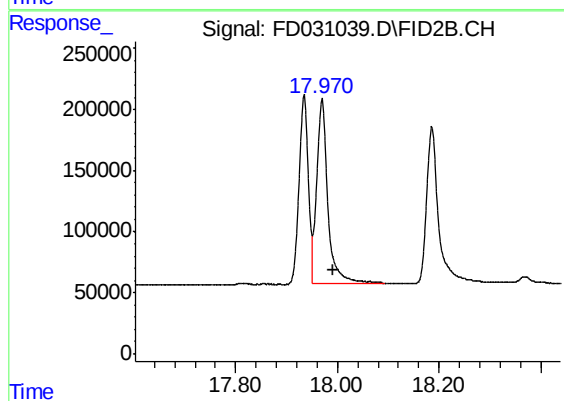
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.572 min
Delta R.T.: -0.017 min
Response: 2069622
Conc: 21.09 ug/ml



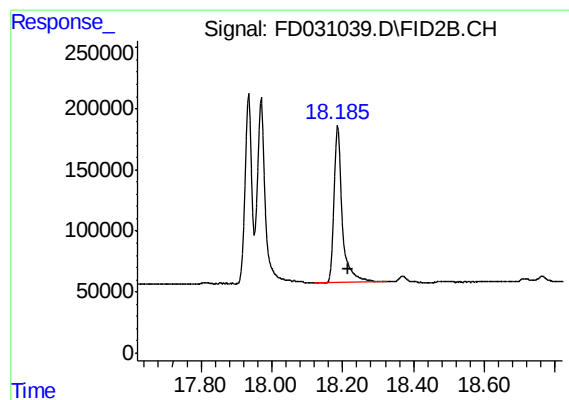
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.934 min
Delta R.T.: -0.022 min
Response: 2009102
Conc: 22.23 ug/ml m



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

R.T.: 17.970 min
Delta R.T.: -0.022 min
Response: 2295773
Conc: 22.36 ug/ml



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

R.T.: 18.186 min
Delta R.T.: -0.028 min
Response: 2060947
Conc: 21.62 ug/ml