

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090120AR\
 Data File : FD034620.D
 Signal(s) : FID2B.CH
 Acq On : 01 Sep 2020 14:03
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 02 02:09:13 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	2122586	20.695 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
6) S 2-Fluorobiphenyl (SURR)	8.551	1500602	20.856 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.71%
11) S ortho-Terphenyl (SURR)	11.593	2449359	20.445 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.481	2346346	20.725 ug/ml
2) T Naphthalene (C11.7)	6.023	2403021	20.588 ug/ml
3) T 2-Methylnaphthalene (...)	7.076	2438689	20.648 ug/ml
5) T Acenaphthylene (C15.06)	8.354	2398940	20.526 ug/ml
7) T Acenaphthene (C15.5)	8.649	2447039	20.567 ug/ml
8) T Fluorene (C16.55)	9.430	2380550	20.647 ug/ml
9) T Phenanthrene (C19.36)	10.828	2395195	20.542 ug/ml
10) T Anthracene (C19.43)	10.903	2328209	20.437 ug/ml
12) T Fluoranthene (C21.85)	12.642	2388826	20.485 ug/ml
13) T Pyrene (C20.8)	12.940	2311669	20.370 ug/ml
14) T Benzo[a]anthracene (C...	14.810	2253530	20.419 ug/ml
15) T Chrysene (C27.41)	14.853	2261896	20.250 ug/ml
16) T benzo[b]fluoranthene ...	16.361	2211025	20.642 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.392	2147988	20.257 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.740	2136460	20.288 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.103	2067035	20.404 ug/mlm
20) T Dibenz[a,h]anthracene...	18.142	2103215	20.700 ug/ml
21) T Benzo[g,h,i]perylene ...	18.359	2060887	20.410 ug/ml

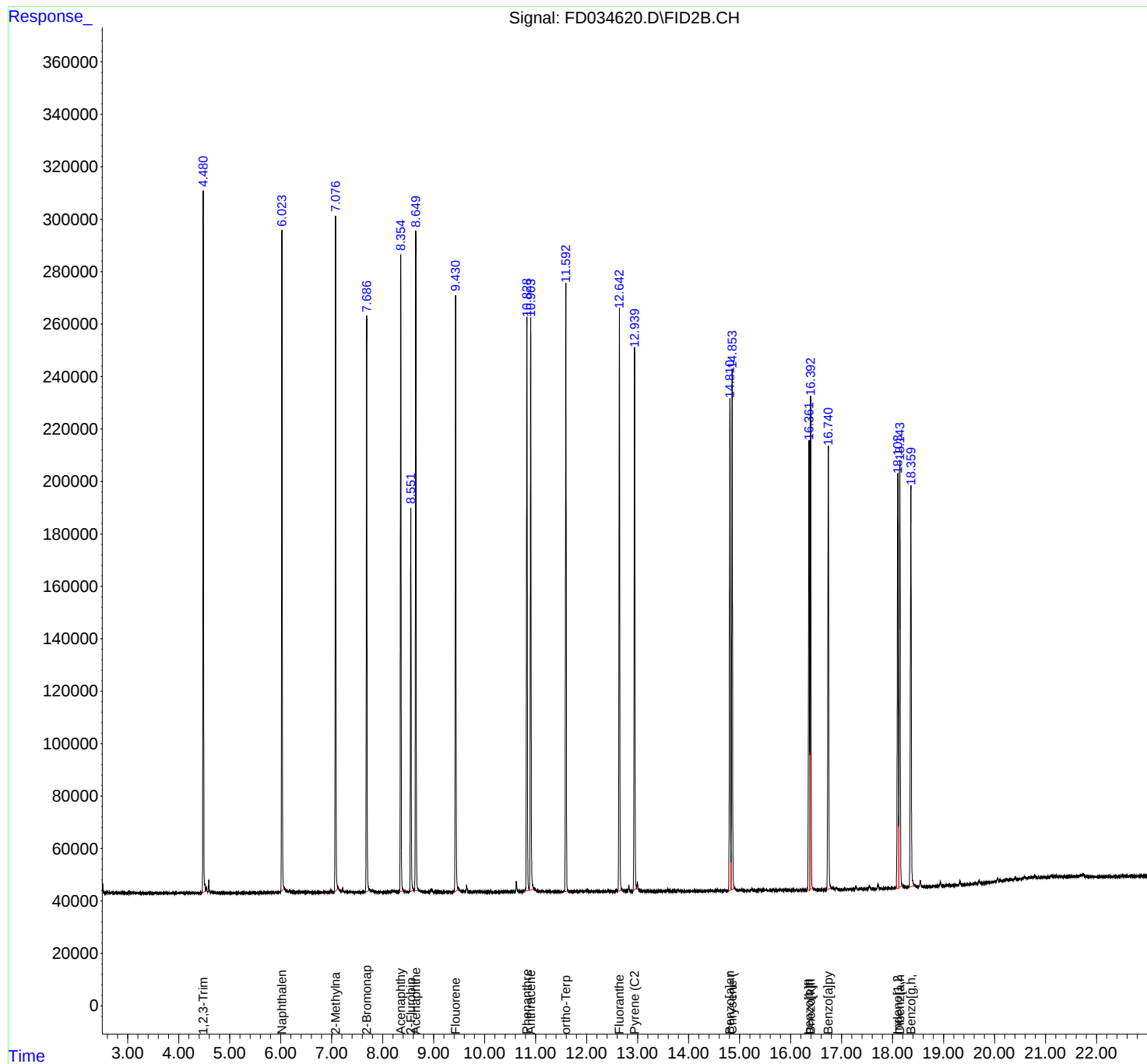
(f)=RT Delta > 1/2 Window

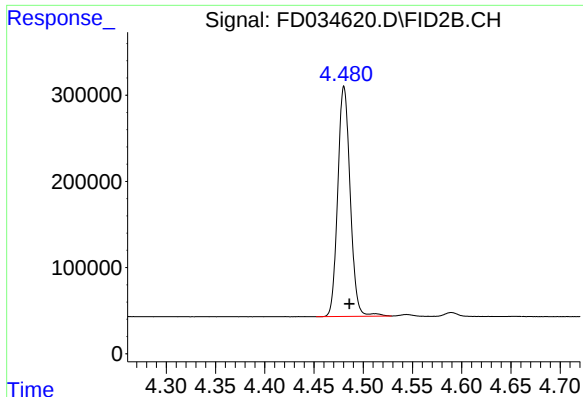
(m)=manual int.

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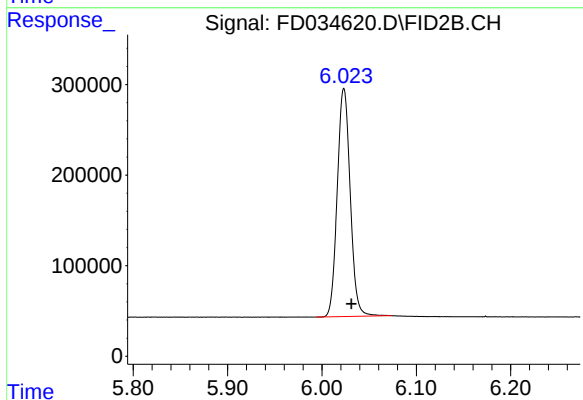
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





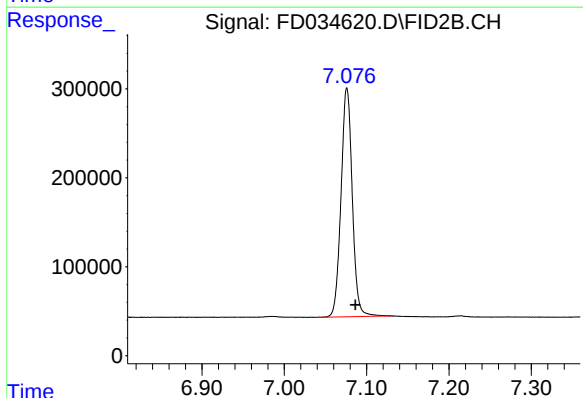
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.481 min
Delta R.T.: -0.005 min
Response: 2346346
Conc: 20.72 ug/ml



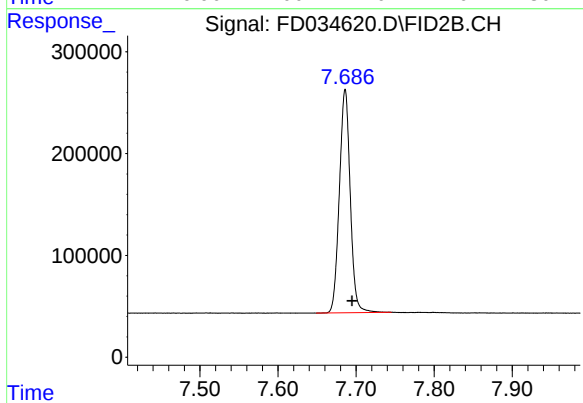
#2 Naphthalene (C11.7)

R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 2403021
Conc: 20.59 ug/ml



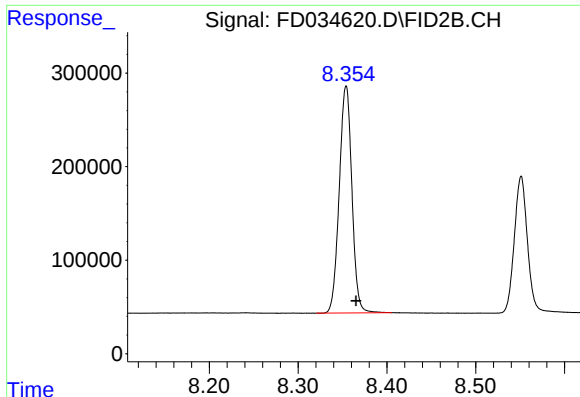
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: -0.010 min
Response: 2438689
Conc: 20.65 ug/ml



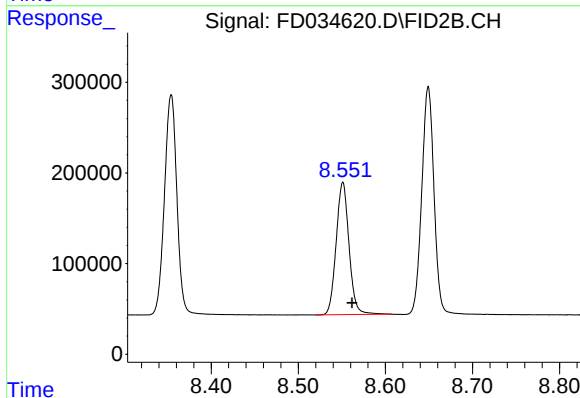
#4 2-Bromonaphthalene (SURR)

R.T.: 7.686 min
Delta R.T.: -0.009 min
Response: 2122586
Conc: 20.69 ug/ml



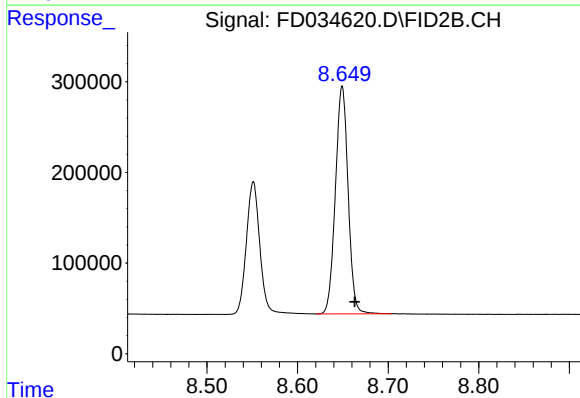
#5 Acenaphthylene (C15.06)

R.T.: 8.354 min
Delta R.T.: -0.011 min
Response: 2398940
Conc: 20.53 ug/ml



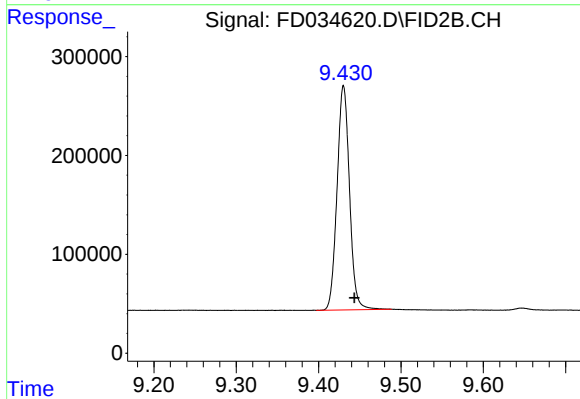
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.551 min
Delta R.T.: -0.011 min
Response: 1500602
Conc: 20.86 ug/ml



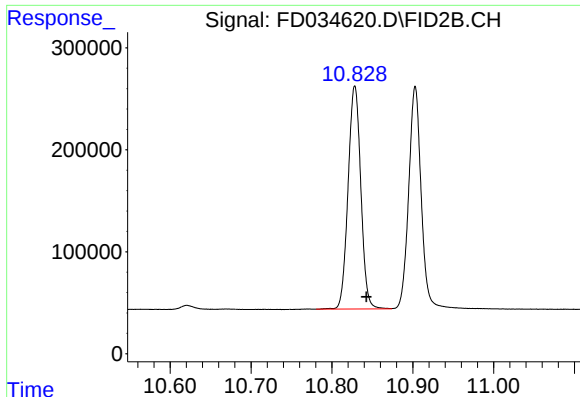
#7 Acenaphthene (C15.5)

R.T.: 8.649 min
Delta R.T.: -0.014 min
Response: 2447039
Conc: 20.57 ug/ml



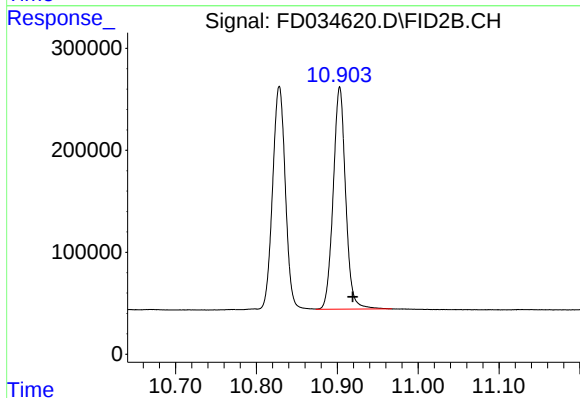
#8 Fluorene (C16.55)

R.T.: 9.430 min
Delta R.T.: -0.013 min
Response: 2380550
Conc: 20.65 ug/ml



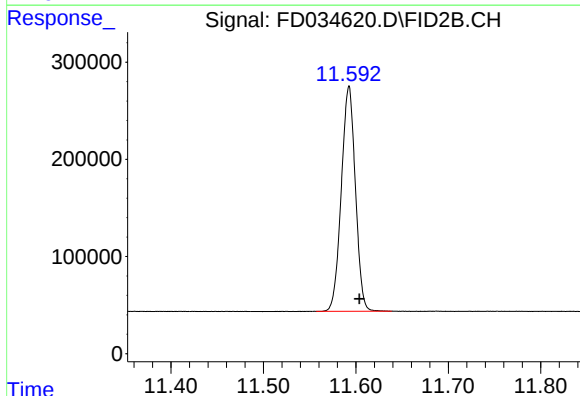
#9 Phenanthrene (C19.36)

R.T.: 10.828 min
Delta R.T.: -0.014 min
Response: 2395195
Conc: 20.54 ug/ml



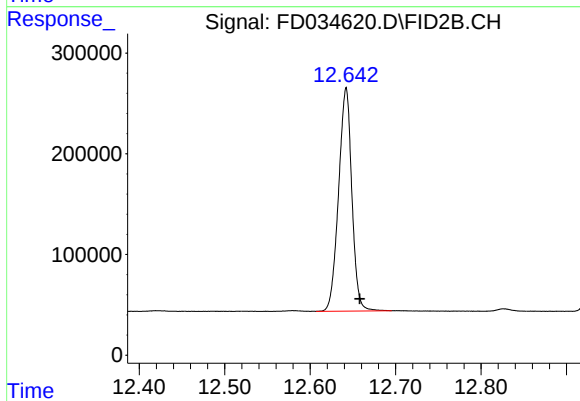
#10 Anthracene (C19.43)

R.T.: 10.903 min
Delta R.T.: -0.016 min
Response: 2328209
Conc: 20.44 ug/ml



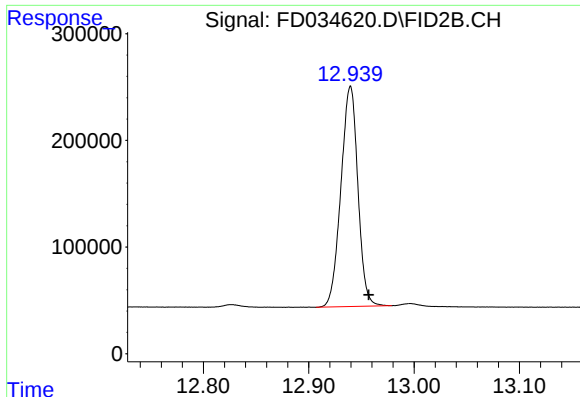
#11 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: -0.011 min
Response: 2449359
Conc: 20.45 ug/ml



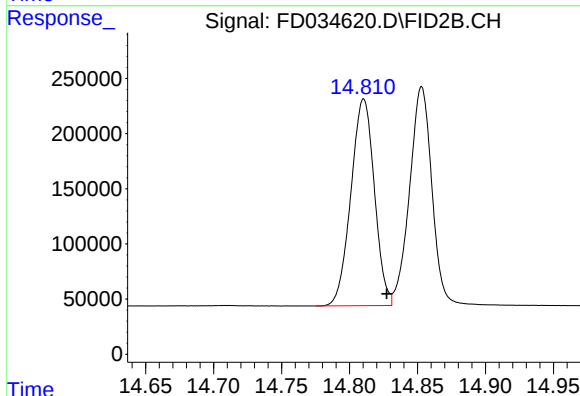
#12 Fluoranthene (C21.85)

R.T.: 12.642 min
Delta R.T.: -0.016 min
Response: 2388826
Conc: 20.49 ug/ml



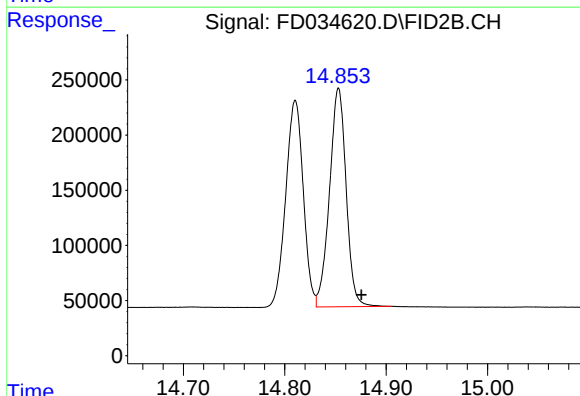
#13 Pyrene (C20.8)

R.T.: 12.940 min
Delta R.T.: -0.017 min
Response: 2311669
Conc: 20.37 ug/ml



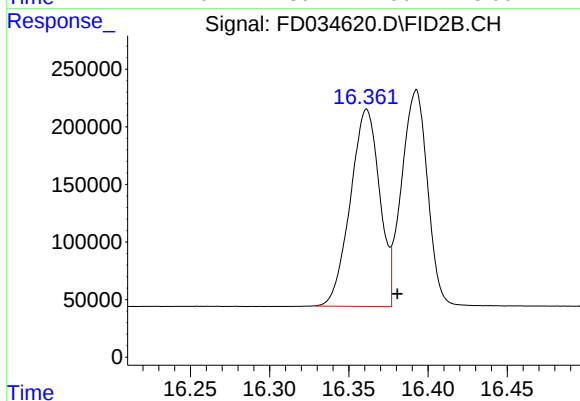
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.810 min
Delta R.T.: -0.017 min
Response: 2253530
Conc: 20.42 ug/ml



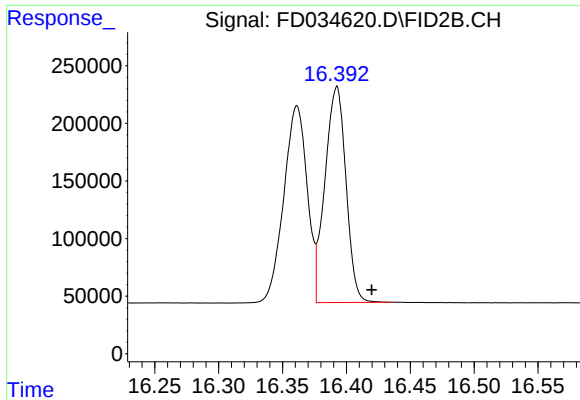
#15 Chrysene (C27.41)

R.T.: 14.853 min
Delta R.T.: -0.023 min
Response: 2261896
Conc: 20.25 ug/ml



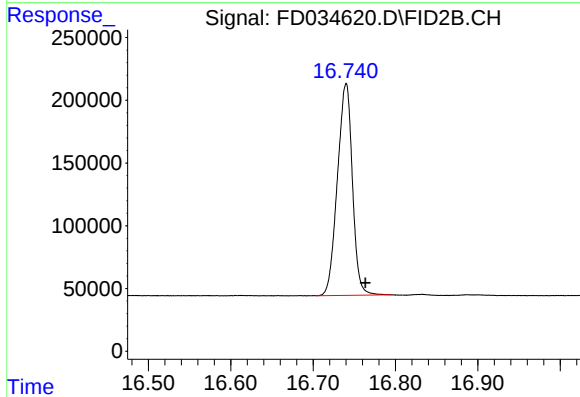
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.361 min
Delta R.T.: -0.020 min
Response: 2211025
Conc: 20.64 ug/ml m



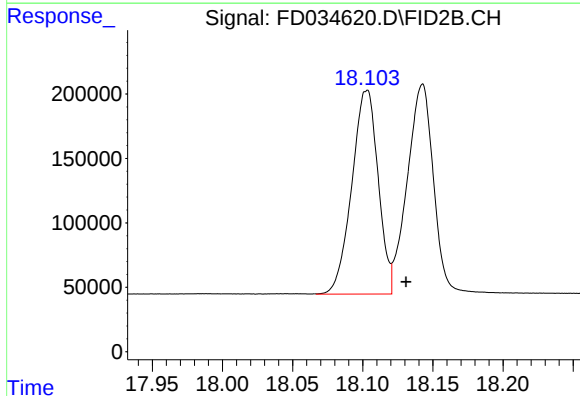
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.392 min
Delta R.T.: -0.027 min
Response: 2147988
Conc: 20.26 ug/ml



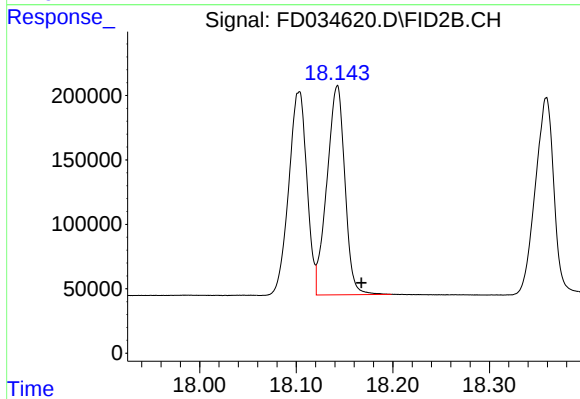
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.740 min
Delta R.T.: -0.023 min
Response: 2136460
Conc: 20.29 ug/ml



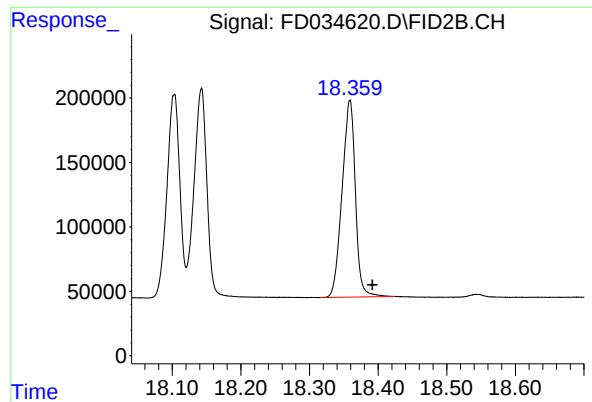
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.103 min
Delta R.T.: -0.028 min
Response: 2067035
Conc: 20.40 ug/ml m



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

R.T.: 18.142 min
Delta R.T.: -0.025 min
Response: 2103215
Conc: 20.70 ug/ml



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

R.T.: 18.359 min
Delta R.T.: -0.033 min
Response: 2060887
Conc: 20.41 ug/ml