

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092420AR\
 Data File : FD034870.D
 Signal(s) : FID2B.CH
 Acq On : 24 Sep 2020 14:05
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 25 03:19:05 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...	7.680	2064048	20.124 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
6) S 2-Fluorobiphenyl (SURR)	8.545	1423682	19.787 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.57%
11) S ortho-Terphenyl (SURR)	11.586	2343665	19.563 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	2355648	20.807 ug/ml
2) T Naphthalene (C11.7)	6.018	2372406	20.325 ug/ml
3) T 2-Methylnaphthalene (...)	7.070	2382233	20.170 ug/ml
5) T Acenaphthylene (C15.06)	8.347	2282623	19.531 ug/ml
7) T Acenaphthene (C15.5)	8.643	2354210	19.787 ug/ml
8) T Fluorene (C16.55)	9.425	2256612	19.572 ug/ml
9) T Phenanthrene (C19.36)	10.822	2276492	19.524 ug/ml
10) T Anthracene (C19.43)	10.897	1925040	16.898 ug/ml
12) T Fluoranthene (C21.85)	12.635	2250778	19.301 ug/ml
13) T Pyrene (C20.8)	12.933	2187721	19.277 ug/ml
14) T Benzo[a]anthracene (C...	14.846	2178674	19.741 ug/ml
15) T Chrysene (C27.41)	14.846	2178674	19.505 ug/ml
16) T benzo[b]fluoranthene ...	16.388	2125729	19.846 ug/ml
17) T Bnezo[k]fluoranthene ...	16.388	2125729	20.048 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.735	2119330	20.125 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.137	2151367	21.237 ug/ml
20) T Dibenz[a,h]anthracene...	18.137	2151367	21.174 ug/ml
21) T Benzo[g,h,i]perylene ...	18.354	2133055	21.125 ug/ml

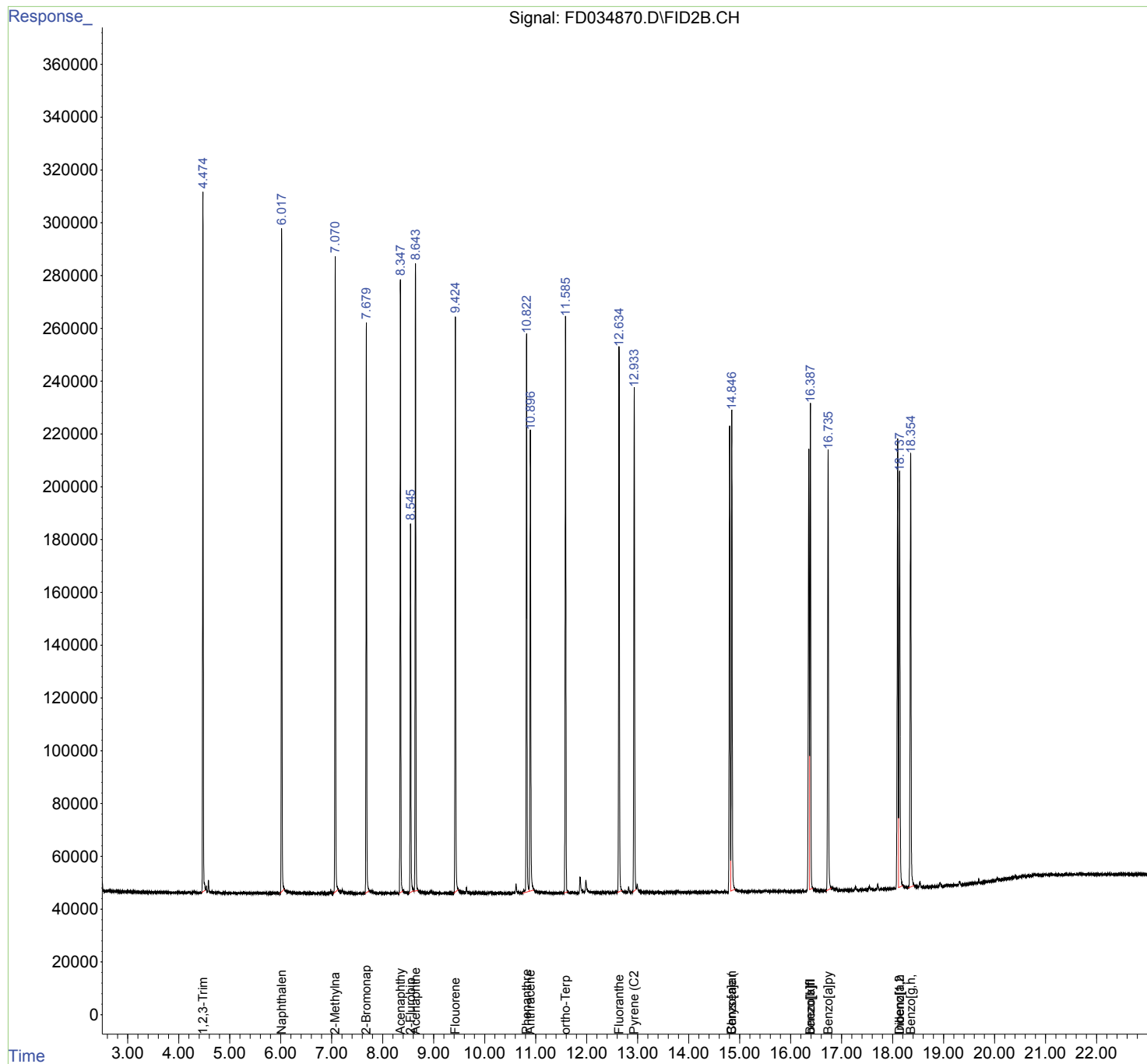
(f)=RT Delta > 1/2 Window

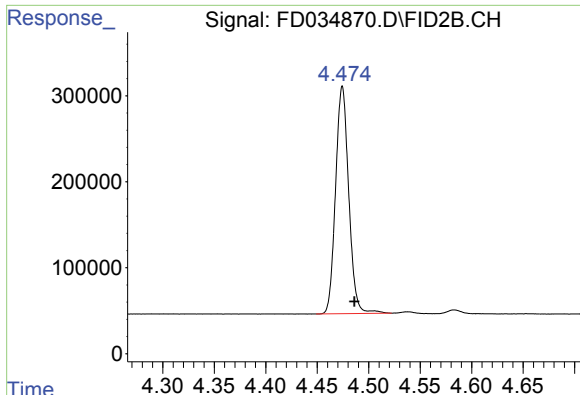
(m)=manual int.

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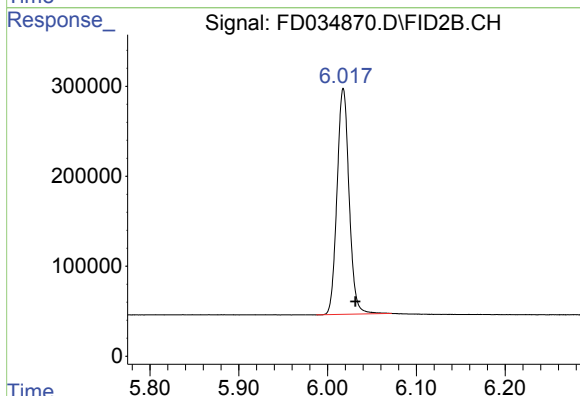
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Signal Info : 20M x 0.18mm x 0.18µm





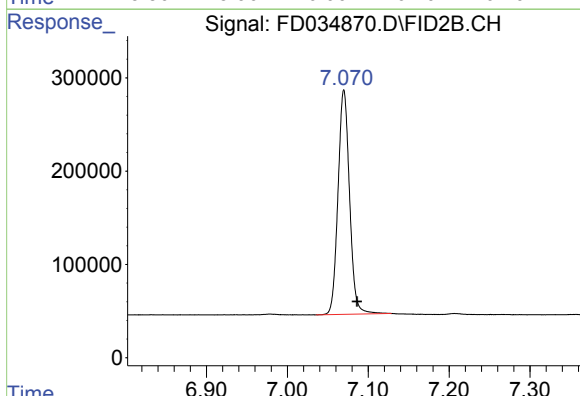
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.474 min
Delta R.T.: -0.012 min
Response: 2355648
Conc: 20.81 ug/ml



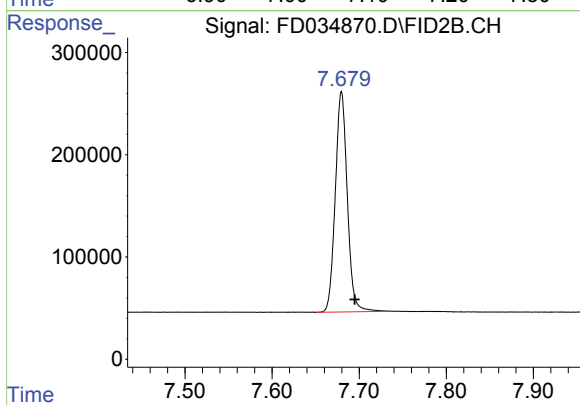
#2 Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: -0.014 min
Response: 2372406
Conc: 20.33 ug/ml



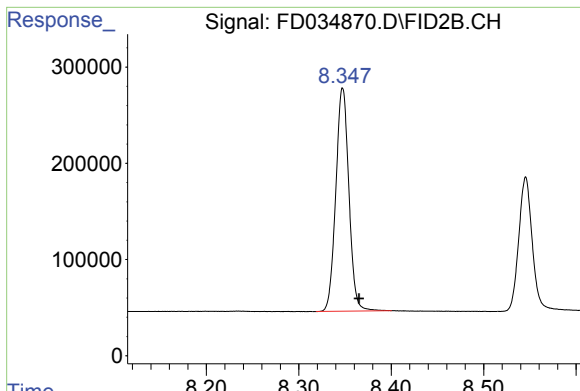
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.016 min
Response: 2382233
Conc: 20.17 ug/ml



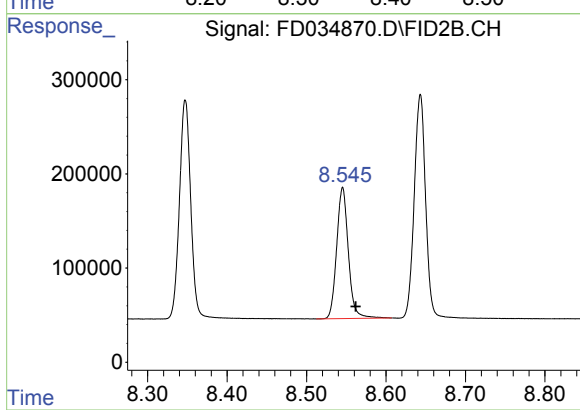
#4 2-Bromonaphthalene (SURR)

R.T.: 7.680 min
Delta R.T.: -0.015 min
Response: 2064048
Conc: 20.12 ug/ml



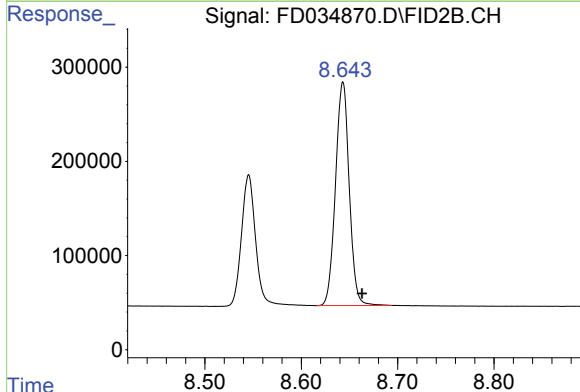
#5 Acenaphthylene (C15.06)

R.T.: 8.347 min
Delta R.T.: -0.018 min
Response: 2282623
Conc: 19.53 ug/ml



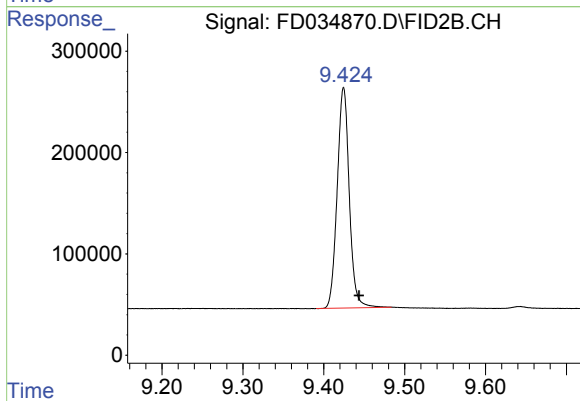
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.545 min
Delta R.T.: -0.016 min
Response: 1423682
Conc: 19.79 ug/ml



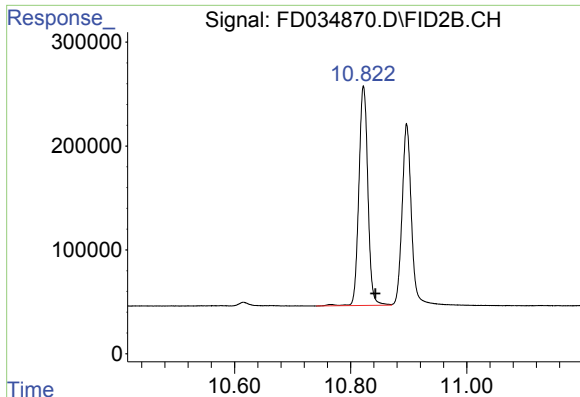
#7 Acenaphthene (C15.5)

R.T.: 8.643 min
Delta R.T.: -0.020 min
Response: 2354210
Conc: 19.79 ug/ml



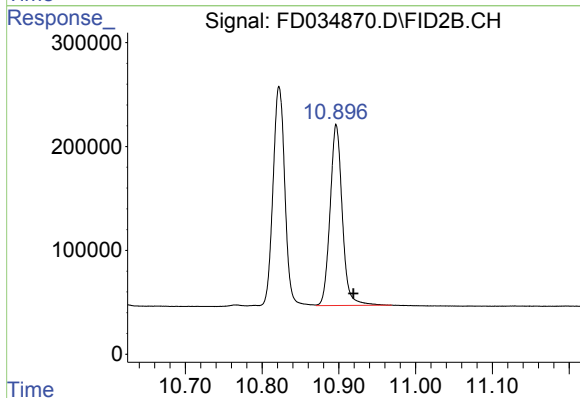
#8 Flouorene (C16.55)

R.T.: 9.425 min
Delta R.T.: -0.019 min
Response: 2256612
Conc: 19.57 ug/ml



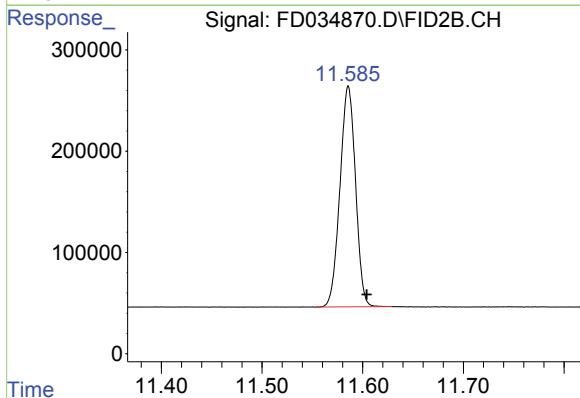
#9 Phenanthrene (C19.36)

R.T.: 10.822 min
Delta R.T.: -0.021 min
Response: 2276492
Conc: 19.52 ug/ml



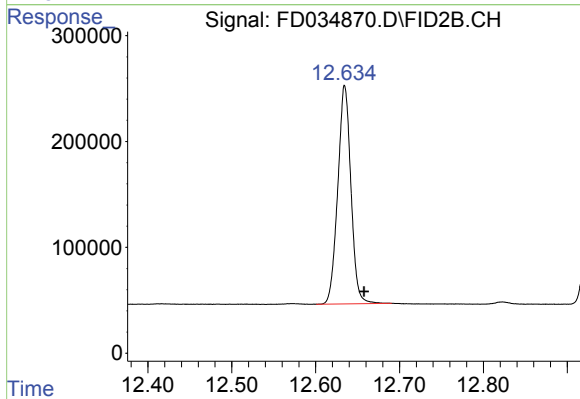
#10 Anthracene (C19.43)

R.T.: 10.897 min
Delta R.T.: -0.023 min
Response: 1925040
Conc: 16.90 ug/ml



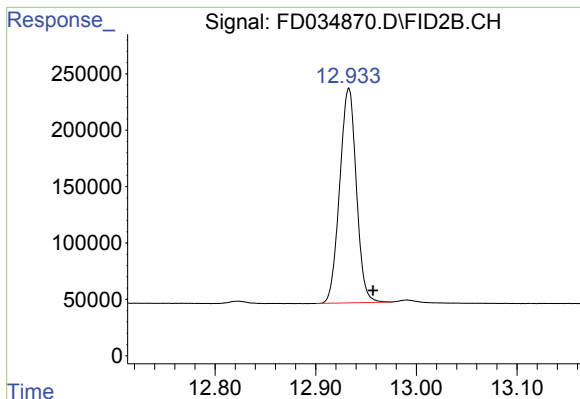
#11 ortho-Terphenyl (SURR)

R.T.: 11.586 min
Delta R.T.: -0.018 min
Response: 2343665
Conc: 19.56 ug/ml



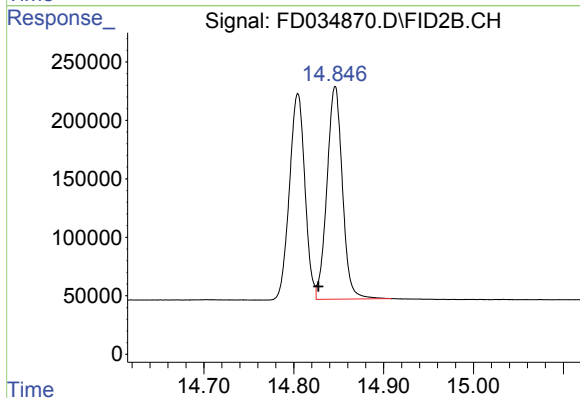
#12 Fluoranthene (C21.85)

R.T.: 12.635 min
Delta R.T.: -0.023 min
Response: 2250778
Conc: 19.30 ug/ml



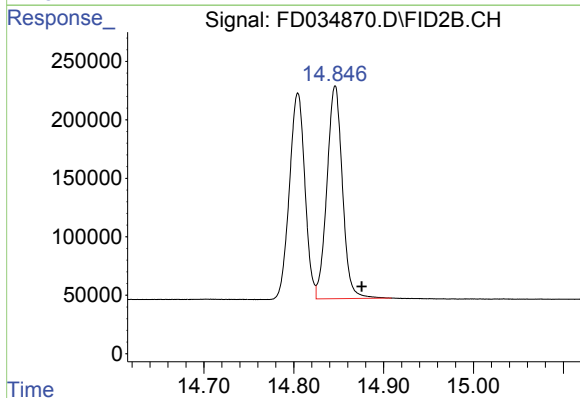
#13 Pyrene (C20.8)

R.T.: 12.933 min
Delta R.T.: -0.024 min
Response: 2187721
Conc: 19.28 ug/ml



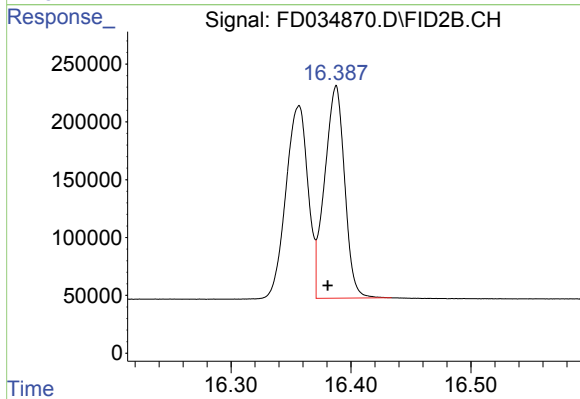
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.846 min
Delta R.T.: 0.019 min
Response: 2178674
Conc: 19.74 ug/ml



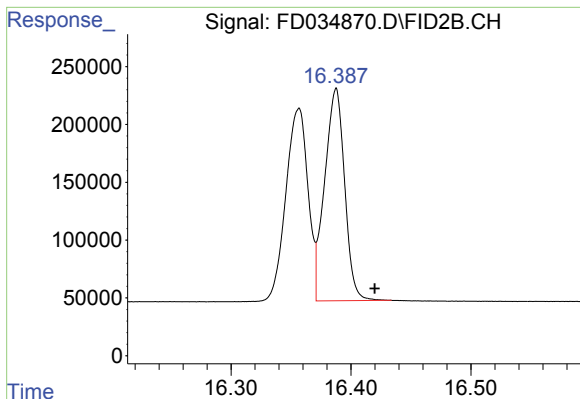
#15 Chrysene (C27.41)

R.T.: 14.846 min
Delta R.T.: -0.030 min
Response: 2178674
Conc: 19.51 ug/ml



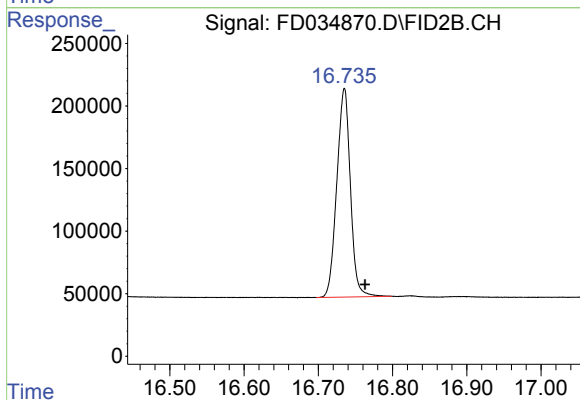
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.388 min
Delta R.T.: 0.007 min
Response: 2125729
Conc: 19.85 ug/ml



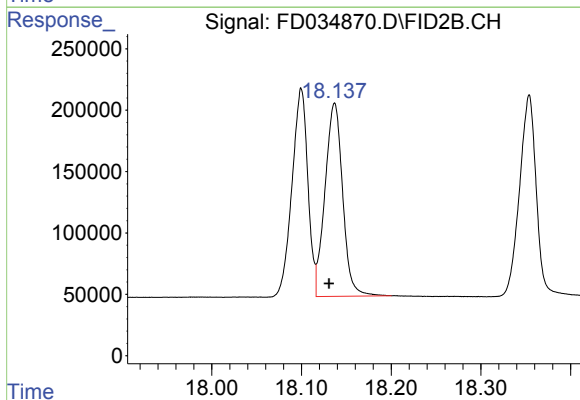
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.388 min
Delta R.T.: -0.032 min
Response: 2125729
Conc: 20.05 ug/ml



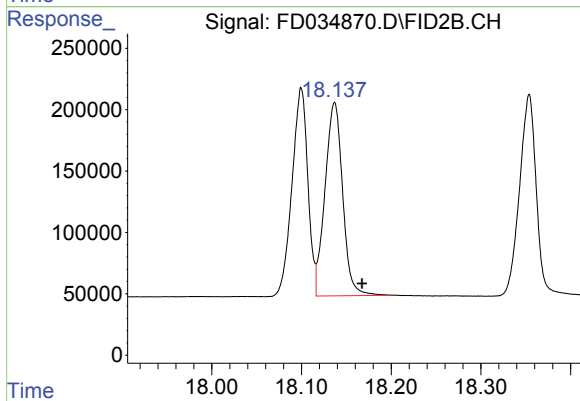
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.735 min
Delta R.T.: -0.028 min
Response: 2119330
Conc: 20.13 ug/ml



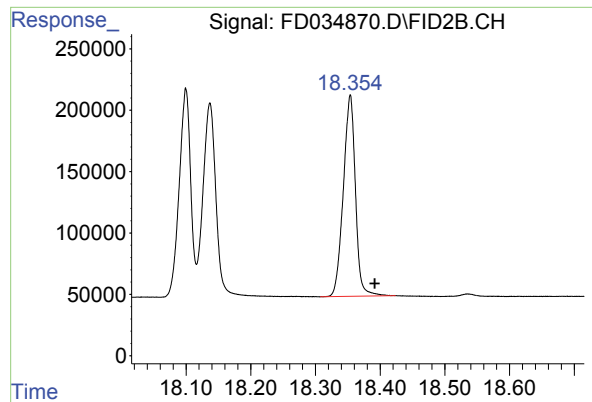
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.137 min
Delta R.T.: 0.006 min
Response: 2151367
Conc: 21.24 ug/ml



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

R.T.: 18.137 min
Delta R.T.: -0.031 min
Response: 2151367
Conc: 21.17 ug/ml



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

R.T.: 18.354 min
Delta R.T.: -0.038 min
Response: 2133055
Conc: 21.12 ug/ml