

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090220AR\
 Data File : FD034641.D
 Signal(s) : FID2B.CH
 Acq On : 02 Sep 2020 11:56
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 03 03:12:48 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...	7.687	2236846	21.809 ug/ml
Spiked Amount 50.000		Recovery =	43.62%
6) S 2-Fluorobiphenyl (SURR)	8.553	1563891	21.736 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.47%
11) S ortho-Terphenyl (SURR)	11.594	2563663	21.400 ug/ml
Spiked Amount 50.000		Recovery =	42.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	2495783	22.044 ug/ml
2) T Naphthalene (C11.7)	6.025	2543568	21.792 ug/ml
3) T 2-Methylnaphthalene (...)	7.078	2576453	21.815 ug/ml
5) T Acenaphthylene (C15.06)	8.356	2518883	21.553 ug/ml
7) T Acenaphthene (C15.5)	8.651	2571029	21.609 ug/ml
8) T Flouorene (C16.55)	9.432	2499941	21.682 ug/ml
9) T Phenanthrene (C19.36)	10.831	2508038	21.510 ug/ml
10) T Anthracene (C19.43)	10.906	2427457	21.308 ug/ml
12) T Fluoranthene (C21.85)	12.644	2485814	21.317 ug/ml
13) T Pyrene (C20.8)	12.941	2402053	21.166 ug/ml
14) T Benzo[a]anthracene (C...	14.812	2344316	21.242 ug/ml
15) T Chrysene (C27.41)	14.854	2355478	21.088 ug/ml
16) T benzo[b]fluoranthene ...	16.394	2245731	20.966 ug/ml
17) T Bnezo[k]fluoranthene ...	16.394	2245731	21.179 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.741	2239784	21.269 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.143	2211824	21.834 ug/ml
20) T Dibenz[a,h]anthracene...	18.143	2211824	21.769 ug/ml
21) T Benzo[g,h,i]perylene ...	18.360	2194007	21.729 ug/ml

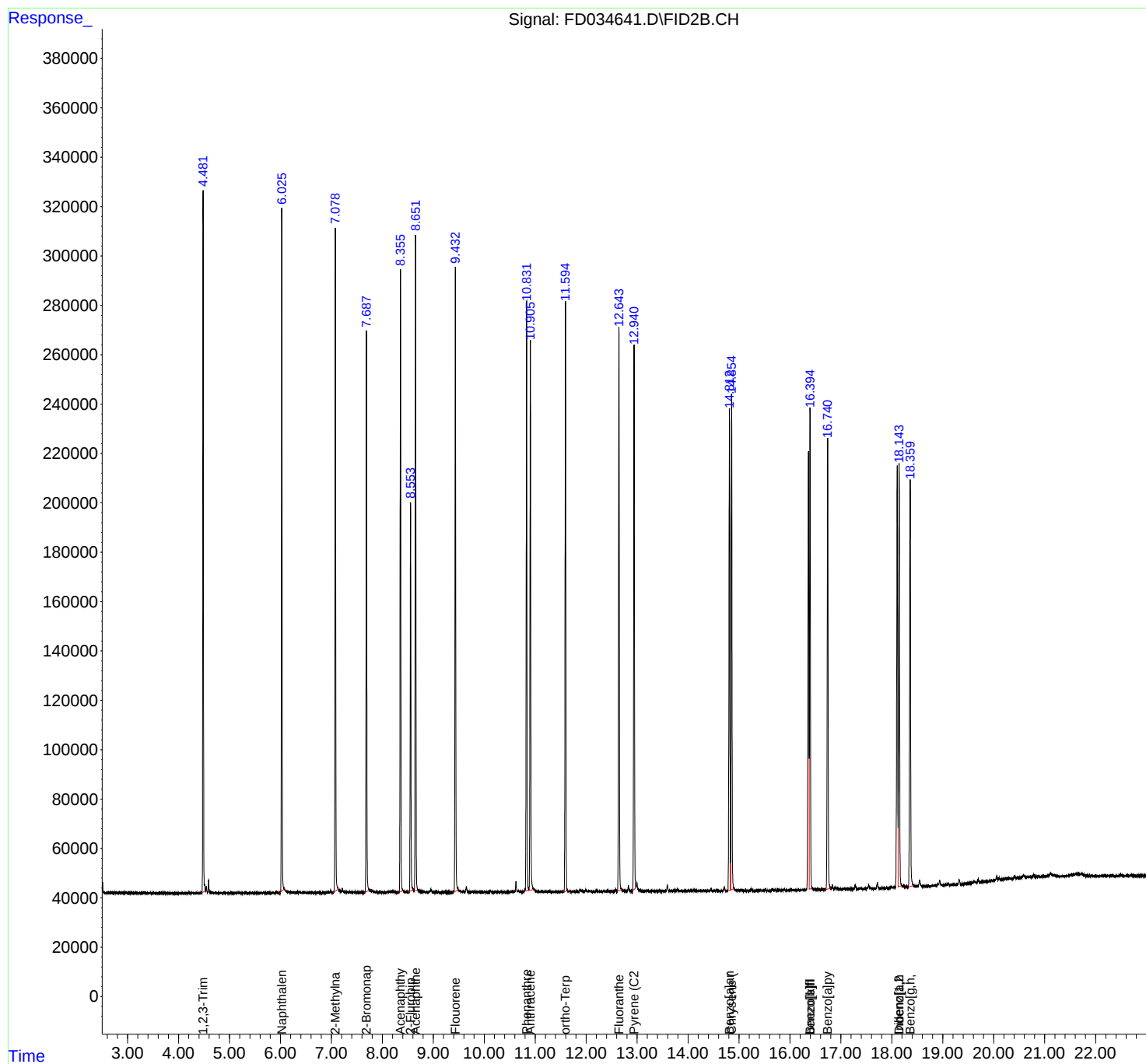
(f)=RT Delta > 1/2 Window

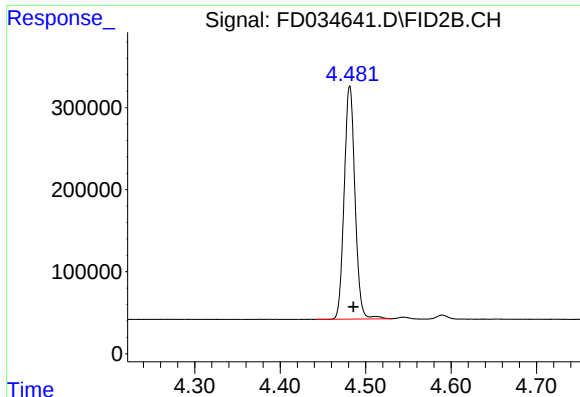
(m)=manual int.

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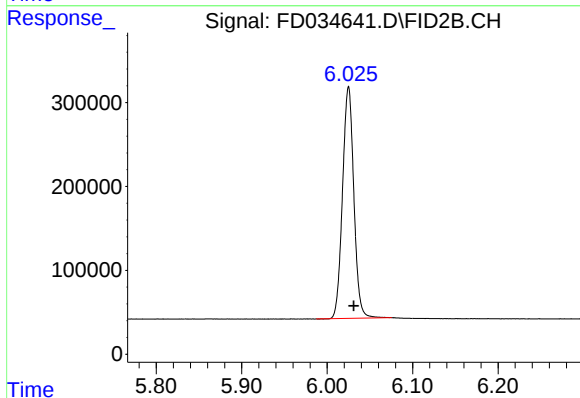
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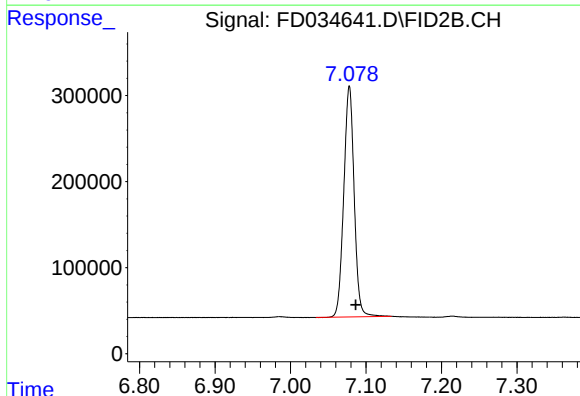
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.482 min
Delta R.T.: -0.004 min
Response: 2495783
Conc: 22.04 ug/ml



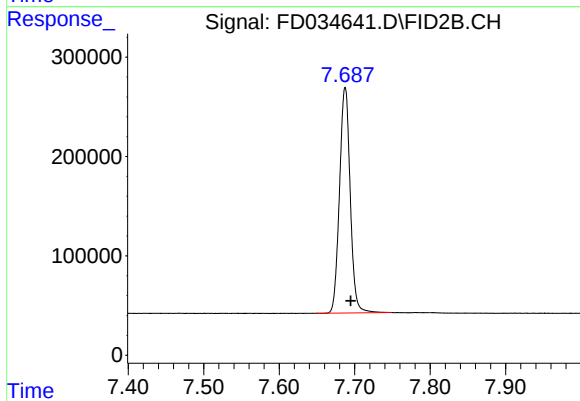
#2 Naphthalene (C11.7)

R.T.: 6.025 min
Delta R.T.: -0.006 min
Response: 2543568
Conc: 21.79 ug/ml



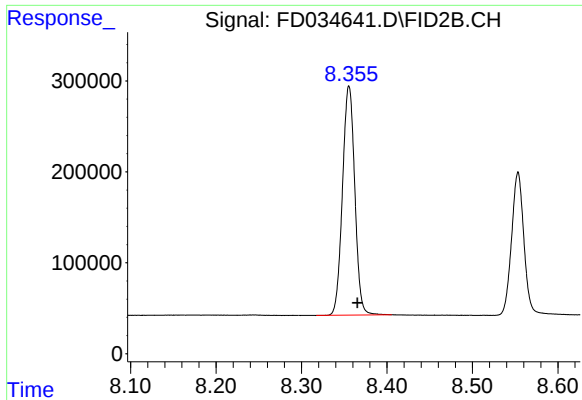
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: -0.008 min
Response: 2576453
Conc: 21.81 ug/ml



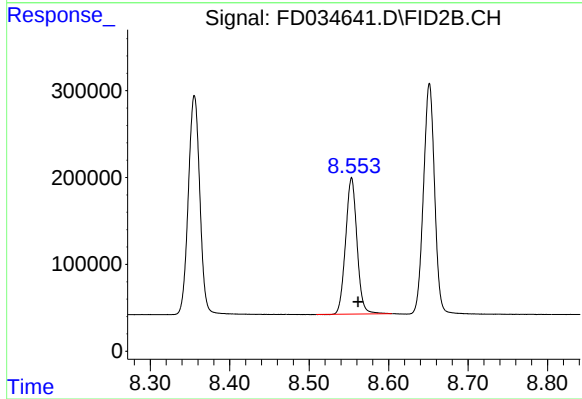
#4 2-Bromonaphthalene (SURR)

R.T.: 7.687 min
Delta R.T.: -0.007 min
Response: 2236846
Conc: 21.81 ug/ml



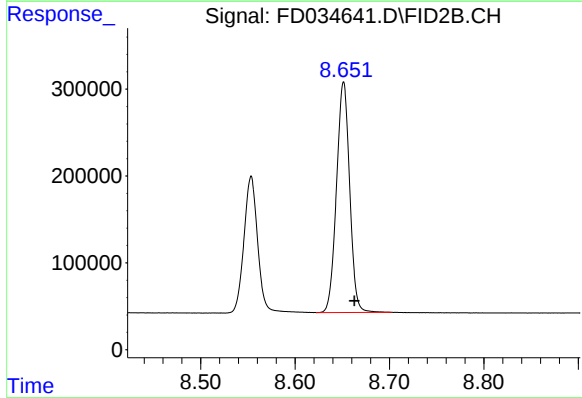
#5 Acenaphthylene (C15.06)

R.T.: 8.356 min
Delta R.T.: -0.010 min
Response: 2518883
Conc: 21.55 ug/ml



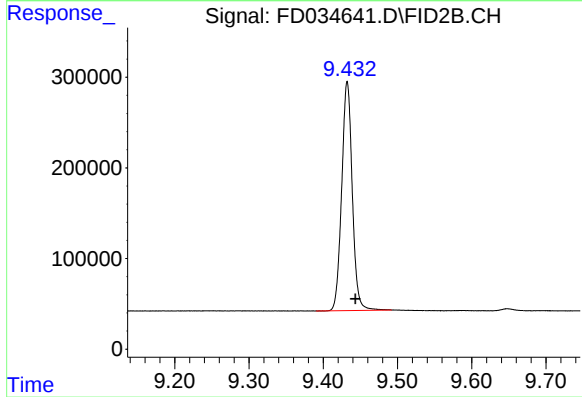
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.553 min
Delta R.T.: -0.008 min
Response: 1563891
Conc: 21.74 ug/ml



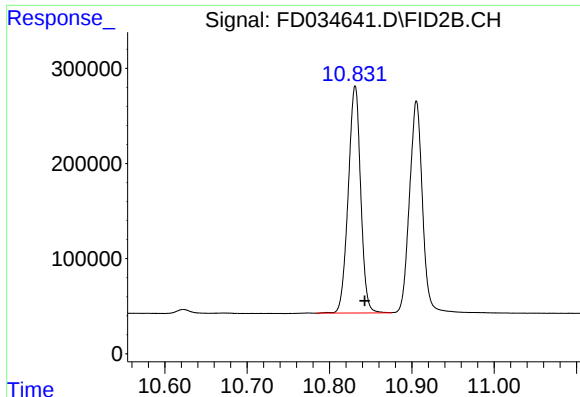
#7 Acenaphthene (C15.5)

R.T.: 8.651 min
Delta R.T.: -0.012 min
Response: 2571029
Conc: 21.61 ug/ml



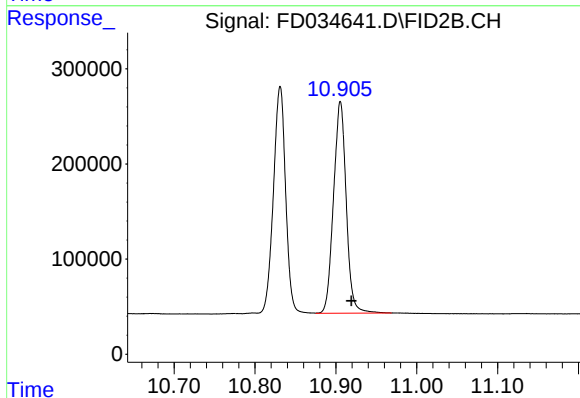
#8 Fluorene (C16.55)

R.T.: 9.432 min
Delta R.T.: -0.011 min
Response: 2499941
Conc: 21.68 ug/ml



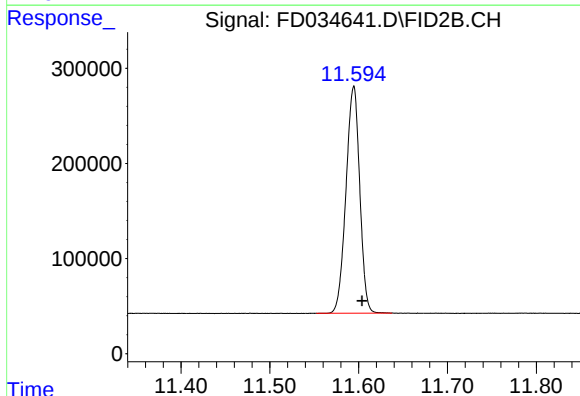
#9 Phenanthrene (C19.36)

R.T.: 10.831 min
Delta R.T.: -0.012 min
Response: 2508038
Conc: 21.51 ug/ml



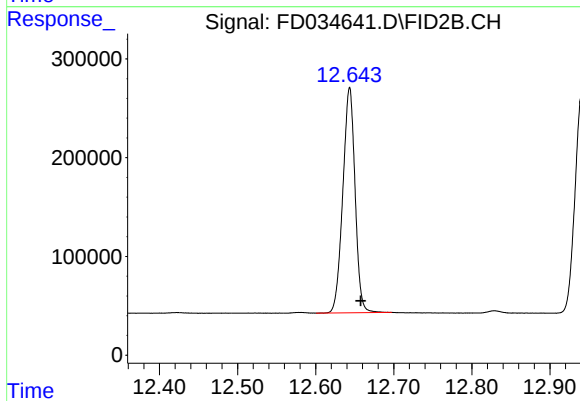
#10 Anthracene (C19.43)

R.T.: 10.906 min
Delta R.T.: -0.014 min
Response: 2427457
Conc: 21.31 ug/ml



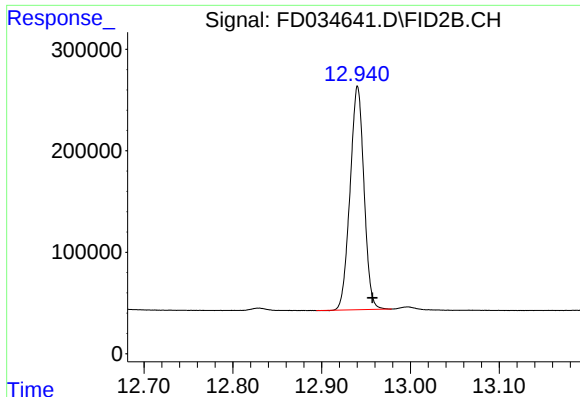
#11 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: -0.009 min
Response: 2563663
Conc: 21.40 ug/ml



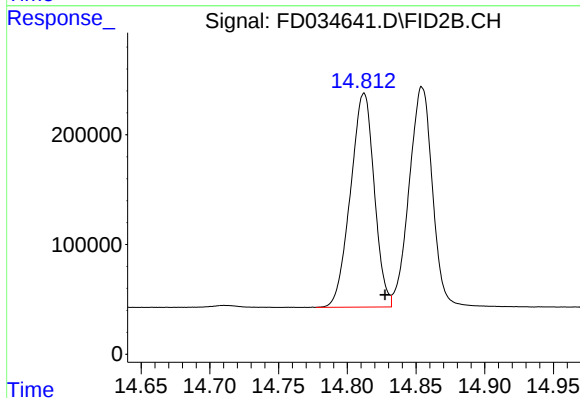
#12 Fluoranthene (C21.85)

R.T.: 12.644 min
Delta R.T.: -0.014 min
Response: 2485814
Conc: 21.32 ug/ml



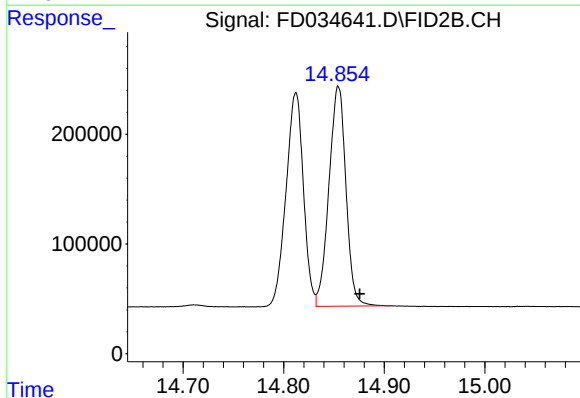
#13 Pyrene (C20.8)

R.T.: 12.941 min
Delta R.T.: -0.016 min
Response: 2402053
Conc: 21.17 ug/ml



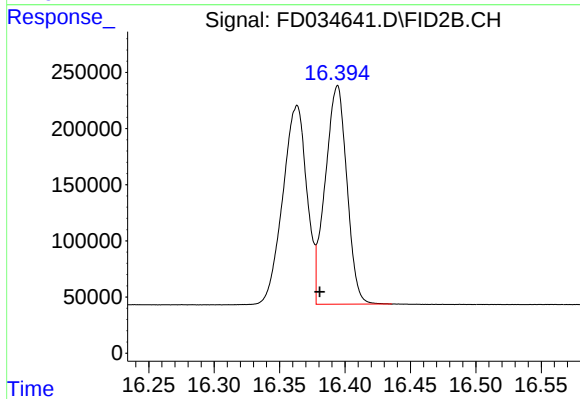
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.812 min
Delta R.T.: -0.015 min
Response: 2344316
Conc: 21.24 ug/ml



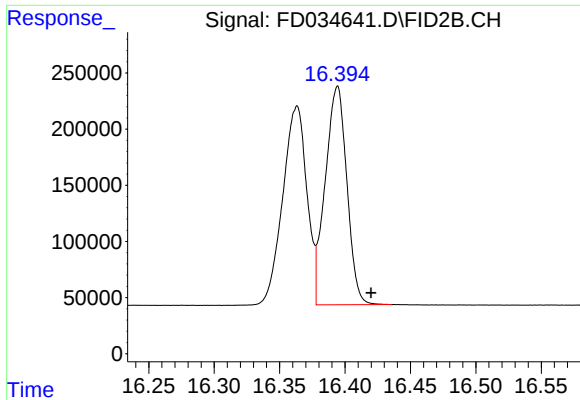
#15 Chrysene (C27.41)

R.T.: 14.854 min
Delta R.T.: -0.021 min
Response: 2355478
Conc: 21.09 ug/ml



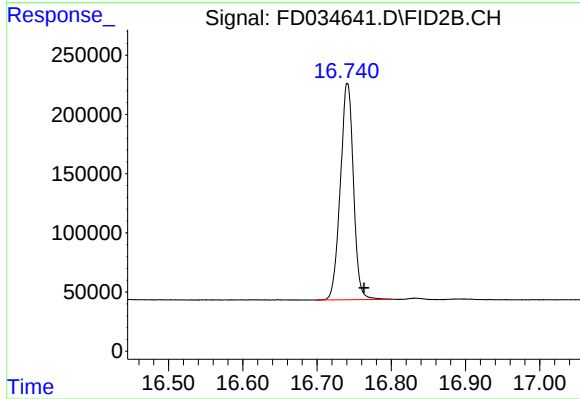
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.394 min
Delta R.T.: 0.014 min
Response: 2245731
Conc: 20.97 ug/ml



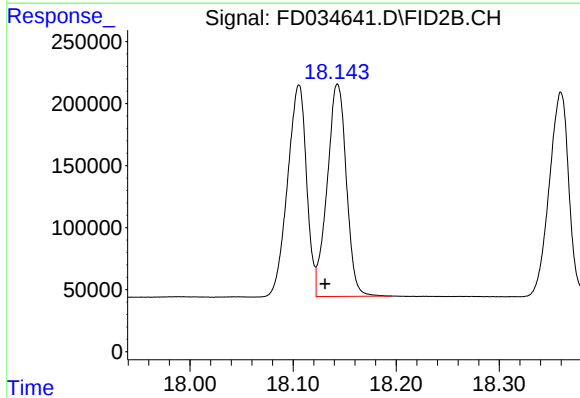
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.394 min
Delta R.T.: -0.026 min
Response: 2245731
Conc: 21.18 ug/ml



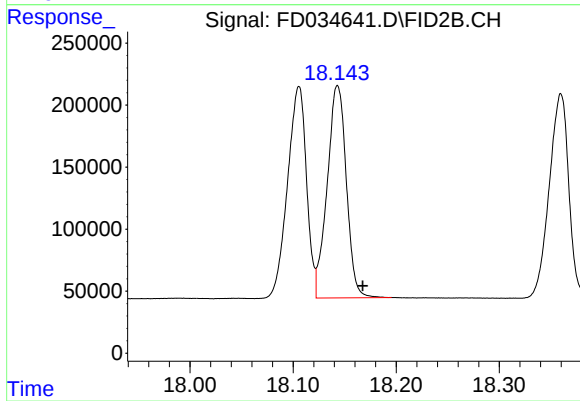
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.741 min
Delta R.T.: -0.022 min
Response: 2239784
Conc: 21.27 ug/ml



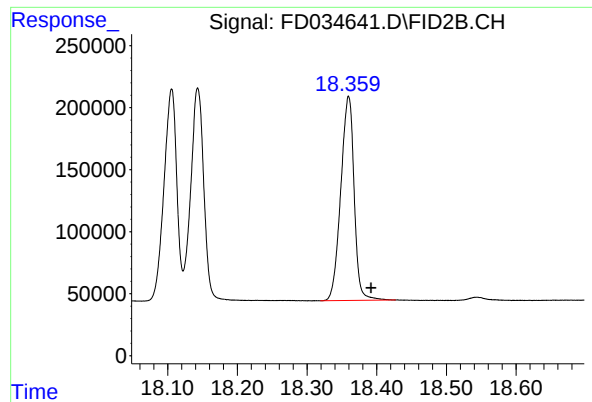
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.143 min
Delta R.T.: 0.012 min
Response: 2211824
Conc: 21.83 ug/ml



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

R.T.: 18.143 min
Delta R.T.: -0.025 min
Response: 2211824
Conc: 21.77 ug/ml



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

R.T.: 18.360 min
Delta R.T.: -0.032 min
Response: 2194007
Conc: 21.73 ug/ml