

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092520AR\
 Data File : FD034887.D
 Signal(s) : FID2B.CH
 Acq On : 25 Sep 2020 11:40
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 01:04:11 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	2137765	20.843 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
6) S 2-Fluorobiphenyl (SURR)	8.546	1480585	20.578 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.16%
11) S ortho-Terphenyl (SURR)	11.585	2449188	20.444 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	2457114	21.703 ug/ml
2) T Naphthalene (C11.7)	6.017	2464446	21.114 ug/ml
3) T 2-Methylnaphthalene (...)	7.070	2465862	20.878 ug/ml
5) T Acenaphthylene (C15.06)	8.347	2378225	20.349 ug/ml
7) T Acenaphthene (C15.5)	8.643	2457329	20.654 ug/ml
8) T Fluorene (C16.55)	9.425	2350822	20.389 ug/ml
9) T Phenanthrene (C19.36)	10.823	2340406	20.072 ug/ml
10) T Anthracene (C19.43)	10.897	1993932	17.503 ug/ml
12) T Fluoranthene (C21.85)	12.635	2351192	20.163 ug/ml
13) T Pyrene (C20.8)	12.933	2291489	20.192 ug/ml
14) T Benzo[a]anthracene (C...	14.848	2291651	20.765 ug/ml
15) T Chrysene (C27.41)	14.848	2291651	20.517 ug/ml
16) T benzo[b]fluoranthene ...	16.387	2229112	20.811 ug/ml
17) T Bnezo[k]fluoranthene ...	16.387	2229112	21.023 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.735	2226722	21.145 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.138	2275392	22.461 ug/ml
20) T Dibenz[a,h]anthracene...	18.138	2275392	22.395 ug/ml
21) T Benzo[g,h,i]perylene ...	18.354	2245576	22.239 ug/ml

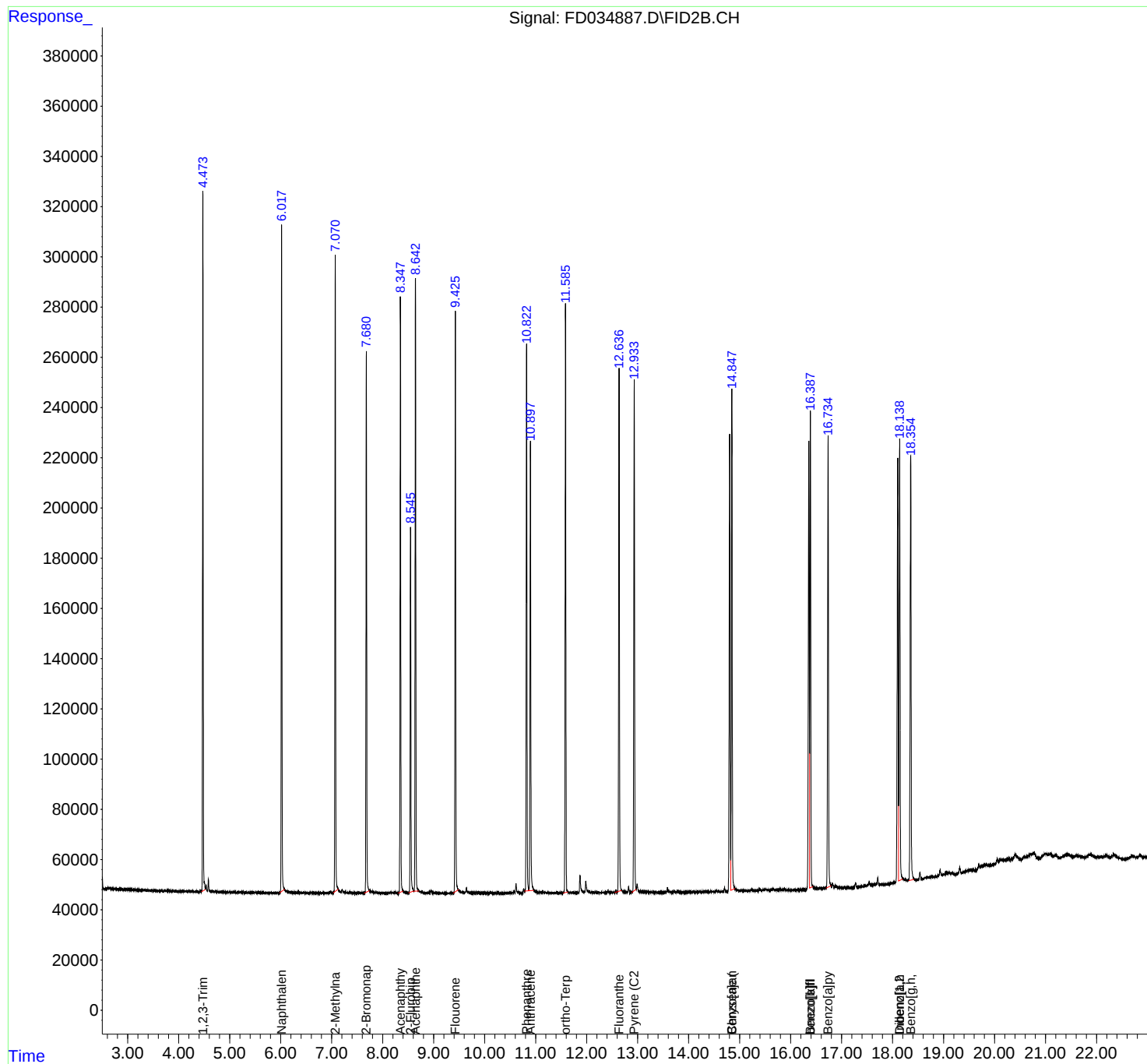
(f)=RT Delta > 1/2 Window

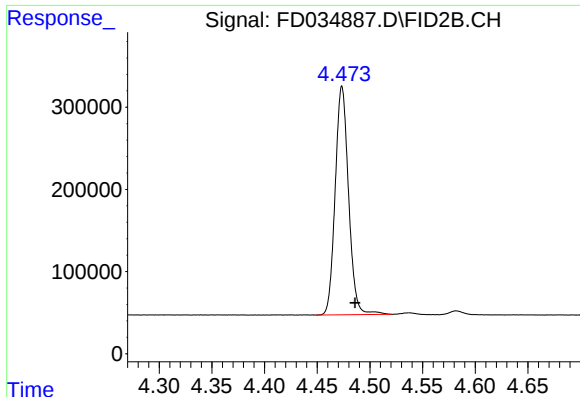
(m)=manual int.

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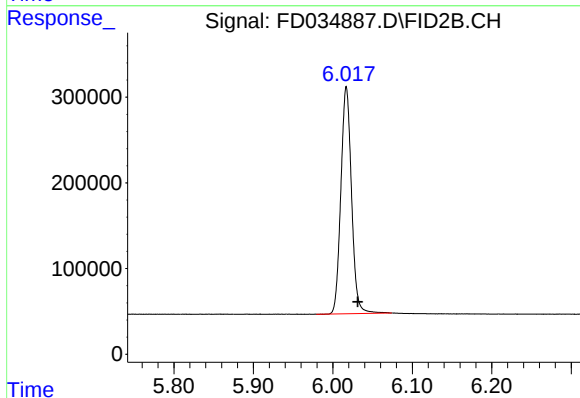
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





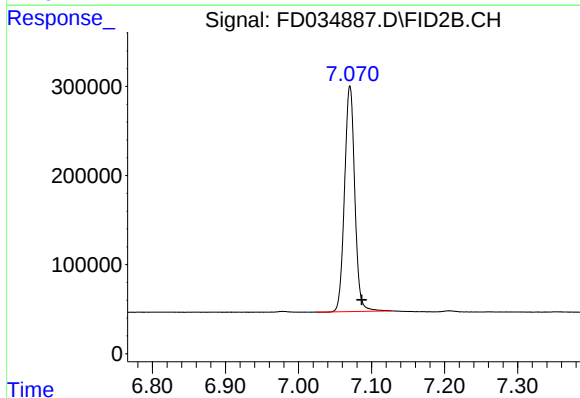
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.474 min
Delta R.T.: -0.012 min
Response: 2457114
Conc: 21.70 ug/ml



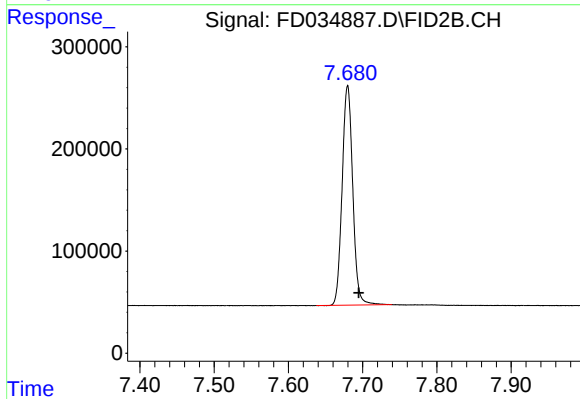
#2 Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: -0.014 min
Response: 2464446
Conc: 21.11 ug/ml



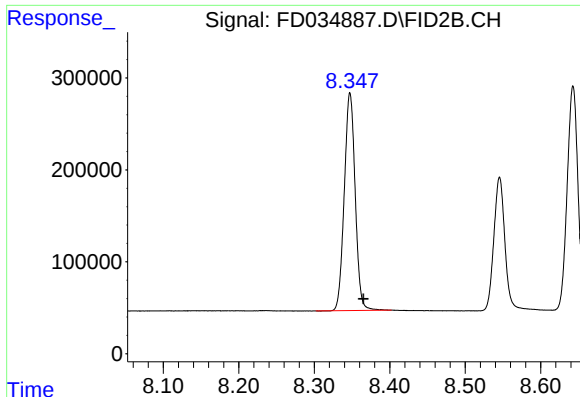
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.016 min
Response: 2465862
Conc: 20.88 ug/ml



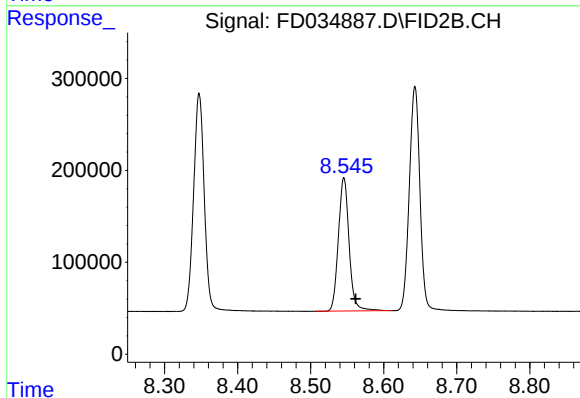
#4 2-Bromonaphthalene (SURR)

R.T.: 7.680 min
Delta R.T.: -0.015 min
Response: 2137765
Conc: 20.84 ug/ml



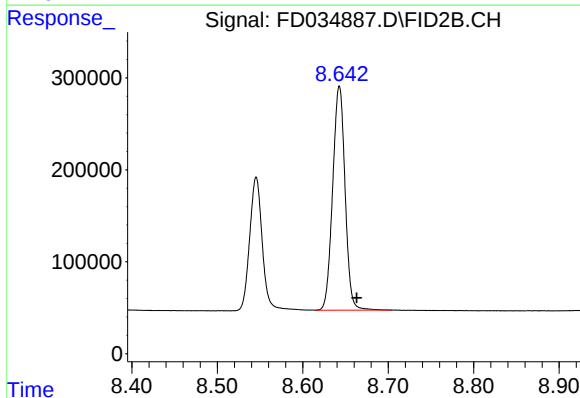
#5 Acenaphthylene (C15.06)

R.T.: 8.347 min
Delta R.T.: -0.018 min
Response: 2378225
Conc: 20.35 ug/ml



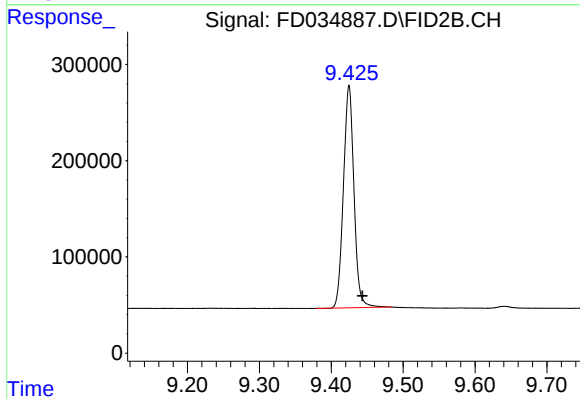
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.546 min
Delta R.T.: -0.016 min
Response: 1480585
Conc: 20.58 ug/ml



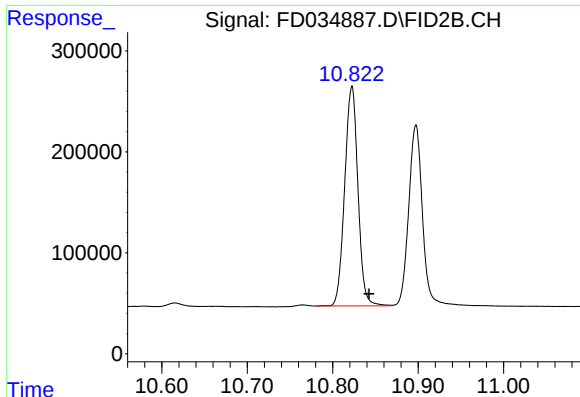
#7 Acenaphthene (C15.5)

R.T.: 8.643 min
Delta R.T.: -0.020 min
Response: 2457329
Conc: 20.65 ug/ml



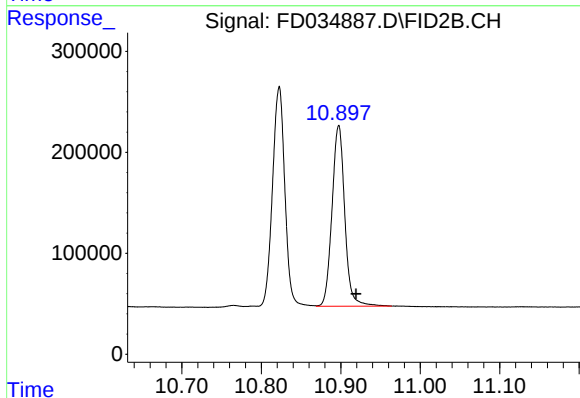
#8 Fluorene (C16.55)

R.T.: 9.425 min
Delta R.T.: -0.019 min
Response: 2350822
Conc: 20.39 ug/ml



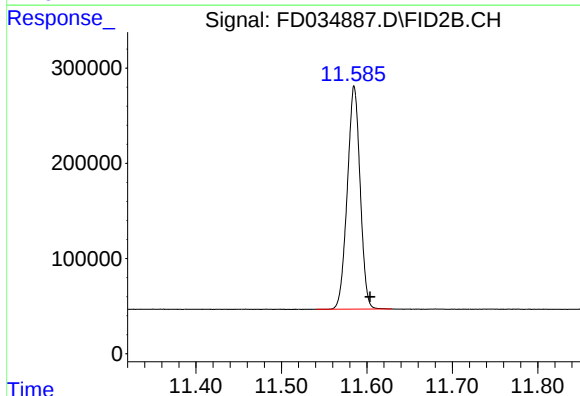
#9 Phenanthrene (C19.36)

R.T.: 10.823 min
Delta R.T.: -0.020 min
Response: 2340406
Conc: 20.07 ug/ml



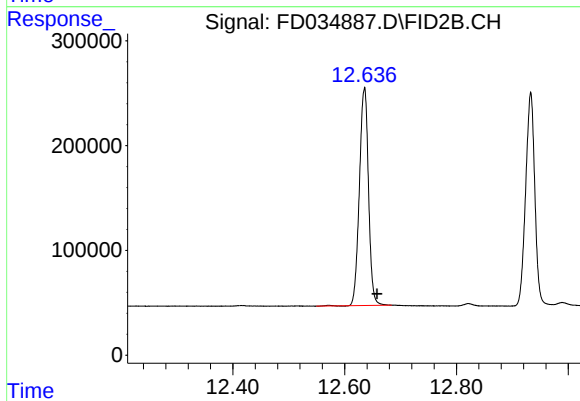
#10 Anthracene (C19.43)

R.T.: 10.897 min
Delta R.T.: -0.022 min
Response: 1993932
Conc: 17.50 ug/ml



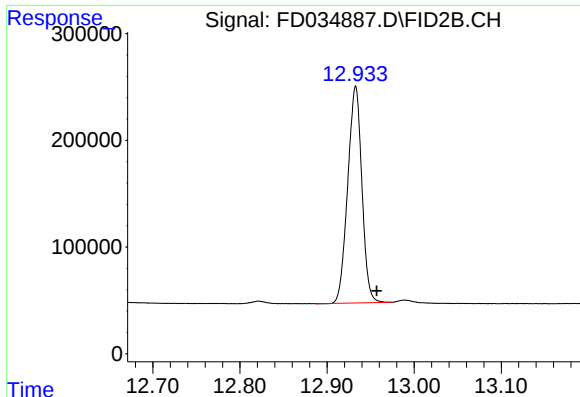
#11 ortho-Terphenyl (SURR)

R.T.: 11.585 min
Delta R.T.: -0.019 min
Response: 2449188
Conc: 20.44 ug/ml



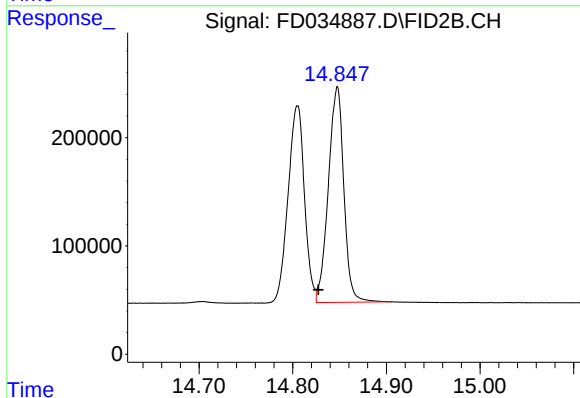
#12 Fluoranthene (C21.85)

R.T.: 12.635 min
Delta R.T.: -0.022 min
Response: 2351192
Conc: 20.16 ug/ml



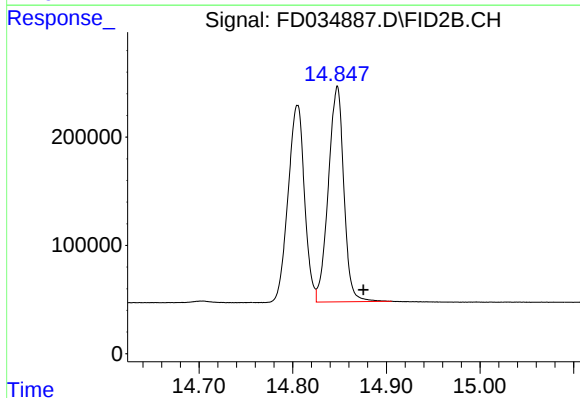
#13 Pyrene (C20.8)

R.T.: 12.933 min
Delta R.T.: -0.024 min
Response: 2291489
Conc: 20.19 ug/ml



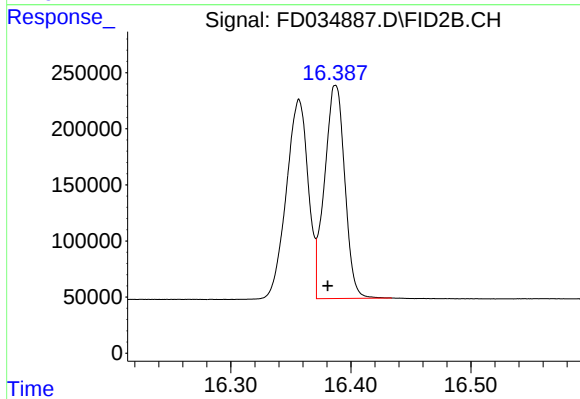
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.848 min
Delta R.T.: 0.020 min
Response: 2291651
Conc: 20.76 ug/ml



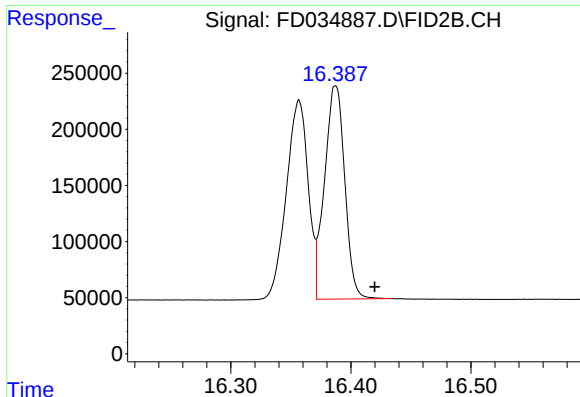
#15 Chrysene (C27.41)

R.T.: 14.848 min
Delta R.T.: -0.028 min
Response: 2291651
Conc: 20.52 ug/ml



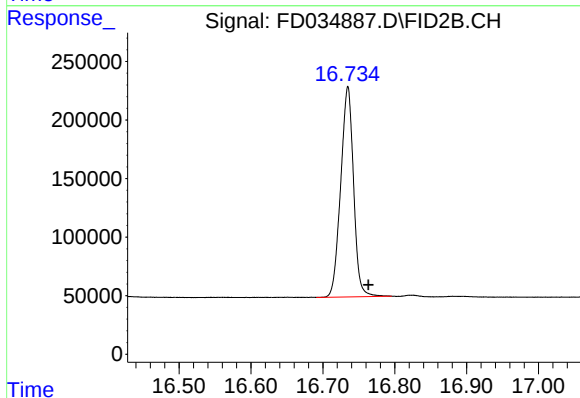
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.387 min
Delta R.T.: 0.007 min
Response: 2229112
Conc: 20.81 ug/ml



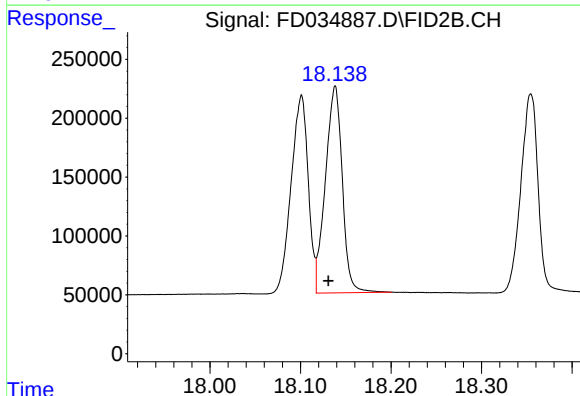
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.387 min
Delta R.T.: -0.033 min
Response: 2229112
Conc: 21.02 ug/ml



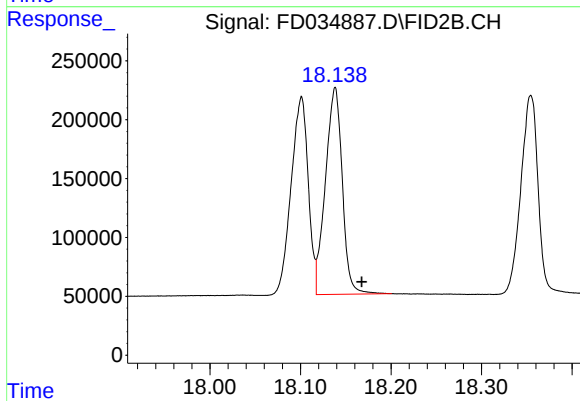
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.735 min
Delta R.T.: -0.028 min
Response: 2226722
Conc: 21.14 ug/ml



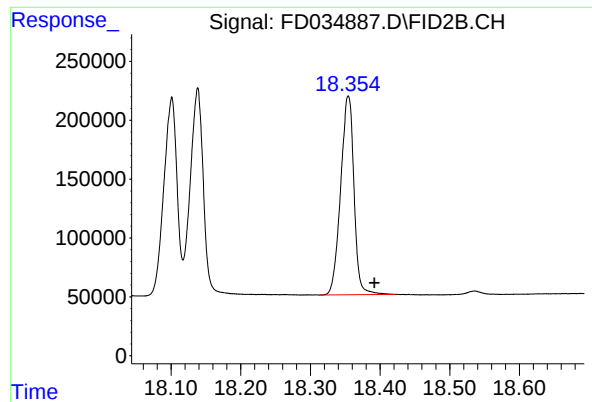
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.138 min
Delta R.T.: 0.007 min
Response: 2275392
Conc: 22.46 ug/ml



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

R.T.: 18.138 min
Delta R.T.: -0.029 min
Response: 2275392
Conc: 22.40 ug/ml



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

R.T.: 18.354 min
Delta R.T.: -0.037 min
Response: 2245576
Conc: 22.24 ug/ml