

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110620AR\
 Data File : FD035383.D
 Signal(s) : FID2B.CH
 Acq On : 06 Nov 2020 13:13
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 06 15:46:18 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 10:20:32 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...	7.635	2224433	19.179 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
6) S 2-Fluorobiphenyl (SURR)	8.500	1515871	18.838 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.68%
11) S ortho-Terphenyl (SURR)	11.538	2543721	18.304 ug/ml
Spiked Amount 50.000		Recovery =	36.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.434	2537677	19.674 ug/ml
2) T Naphthalene (C11.7)	5.974	2619301	19.345 ug/ml
3) T 2-Methylnaphthalene (...)	7.026	2625020	19.258 ug/ml
5) T Acenaphthylene (C15.06)	8.302	2499012	18.537 ug/ml
7) T Acenaphthene (C15.5)	8.597	2605253	18.767 ug/ml
8) T Fluorene (C16.55)	9.378	2478797	18.694 ug/ml
9) T Phenanthrene (C19.36)	10.776	2422255	18.324 ug/ml
10) T Anthracene (C19.43)	10.851	2375910	17.573 ug/ml
12) T Fluoranthene (C21.85)	12.588	2346872	17.469 ug/ml
13) T Pyrene (C20.8)	12.885	2260381	16.997 ug/ml
14) T Benzo[a]anthracene (C...	14.757	2075087	17.438 ug/ml
15) T Chrysene (C27.41)	14.800	2243664	16.941 ug/ml
16) T benzo[b]fluoranthene ...	16.308	2130665	18.030 ug/ml
17) T Bnezo[k]fluoranthene ...	16.340	2115751	17.384 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.688	1961357	17.933 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.054	2048783	20.047 ug/ml
20) T Dibenz[a,h]anthracene...	18.091	2164902	18.928 ug/ml
21) T Benzo[g,h,i]perylene ...	18.308	2123883	19.837 ug/ml

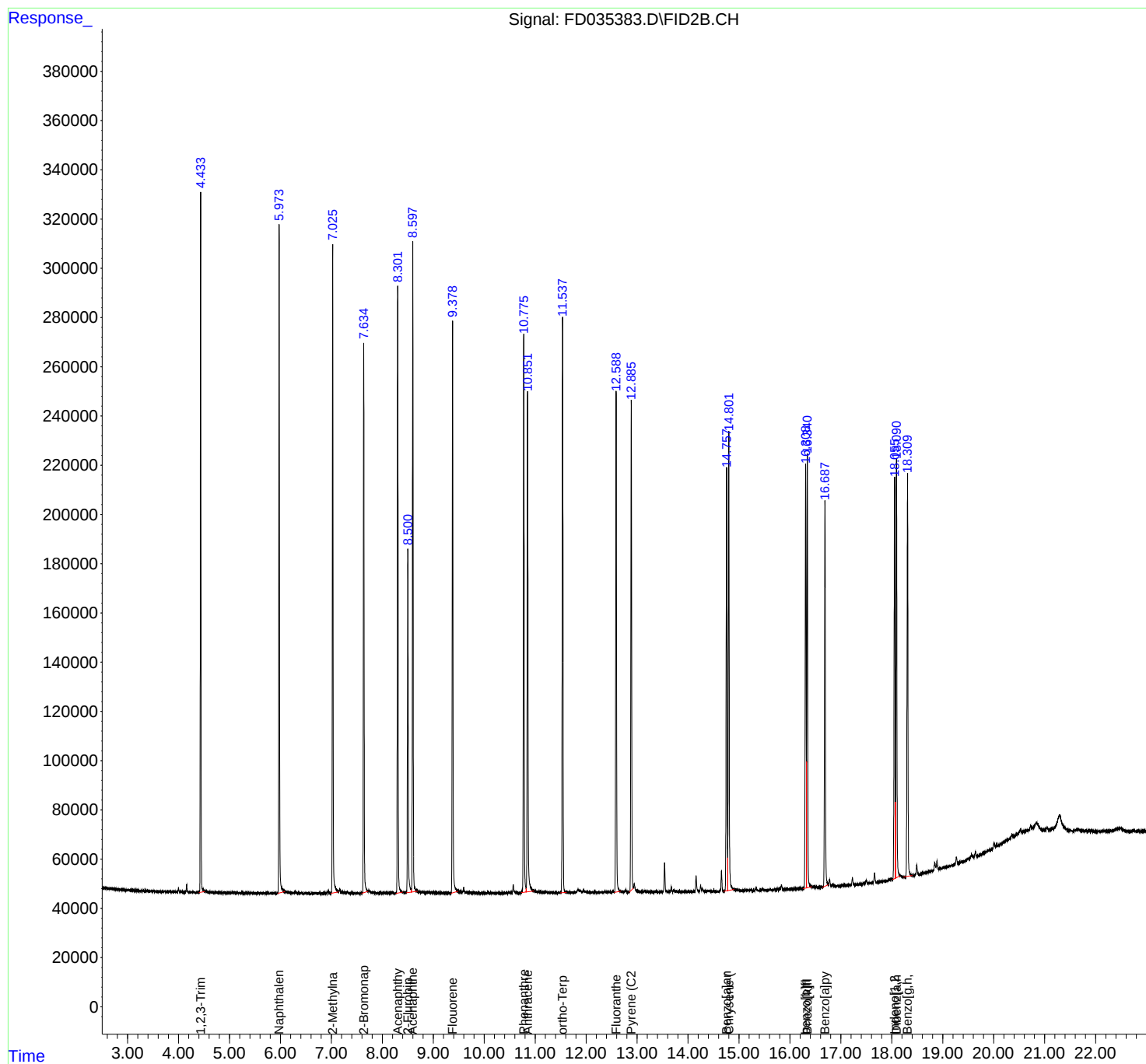
(f)=RT Delta > 1/2 Window

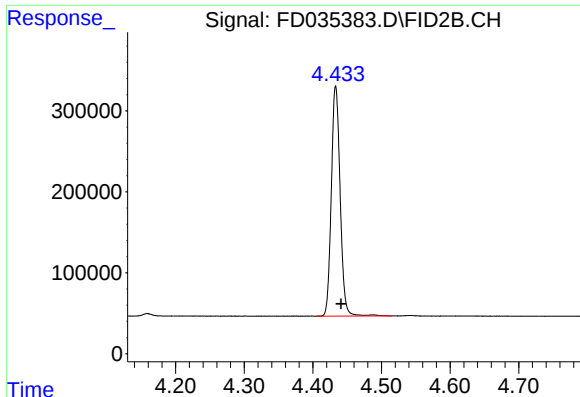
(m)=manual int.

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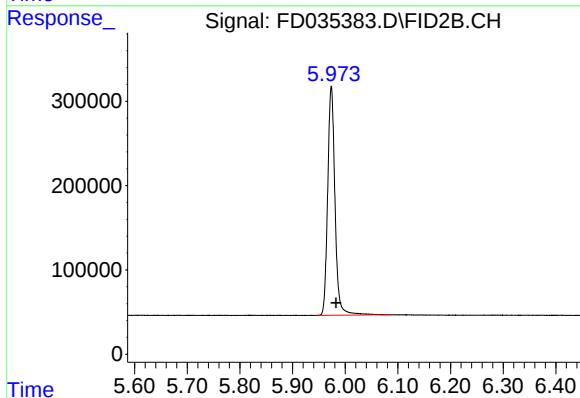
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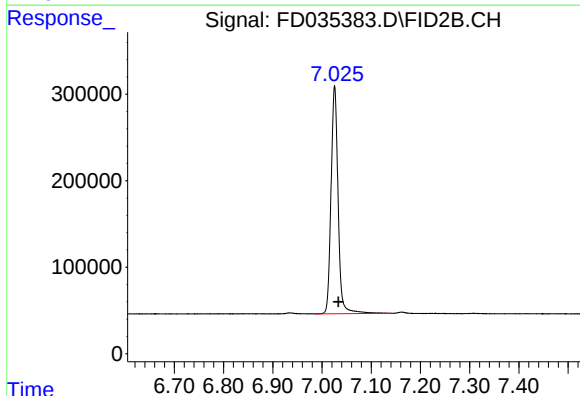
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.434 min
Delta R.T.: -0.007 min
Response: 2537677
Conc: 19.67 ug/ml



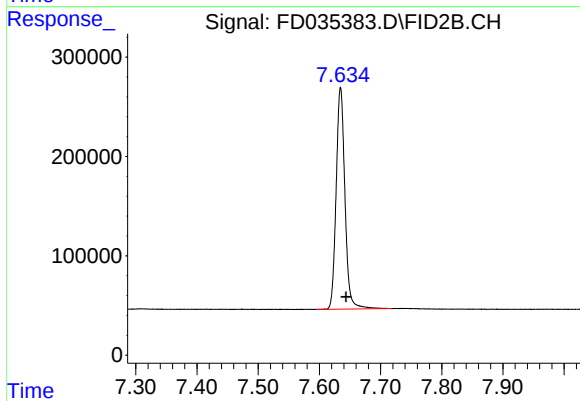
#2 Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.009 min
Response: 2619301
Conc: 19.34 ug/ml



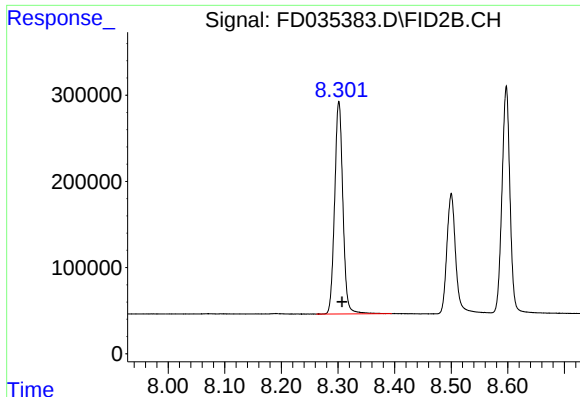
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: -0.008 min
Response: 2625020
Conc: 19.26 ug/ml



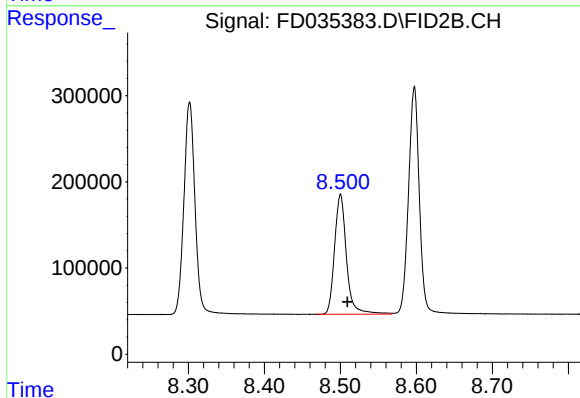
#4 2-Bromonaphthalene (SURR)

R.T.: 7.635 min
Delta R.T.: -0.009 min
Response: 2224433
Conc: 19.18 ug/ml



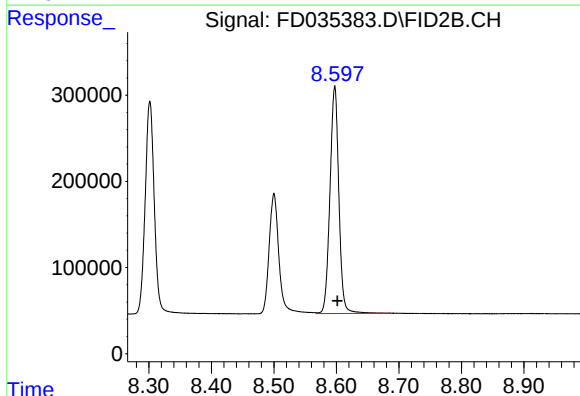
#5 Acenaphthylene (C15.06)

R.T.: 8.302 min
Delta R.T.: -0.006 min
Response: 2499012
Conc: 18.54 ug/ml



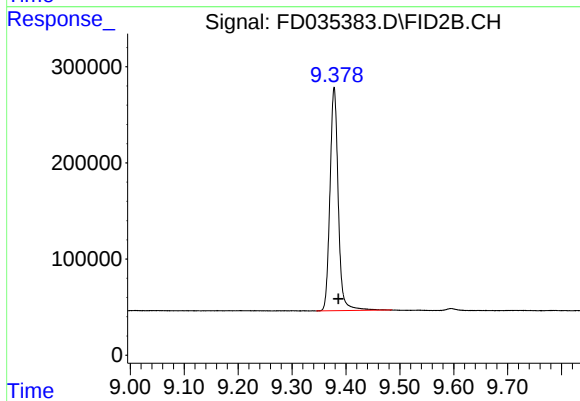
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.500 min
Delta R.T.: -0.009 min
Response: 1515871
Conc: 18.84 ug/ml



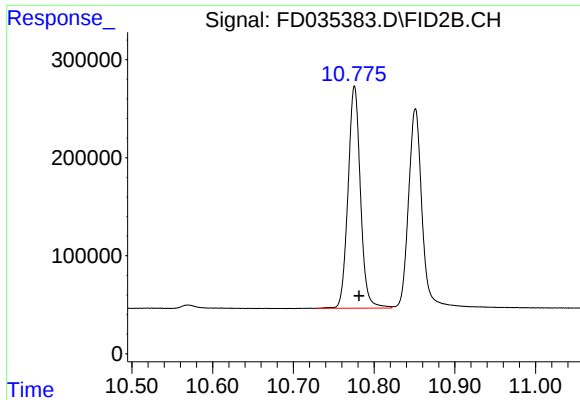
#7 Acenaphthene (C15.5)

R.T.: 8.597 min
Delta R.T.: -0.004 min
Response: 2605253
Conc: 18.77 ug/ml



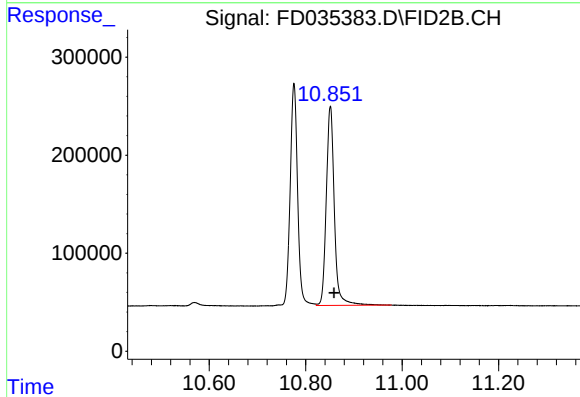
#8 Flouorene (C16.55)

R.T.: 9.378 min
Delta R.T.: -0.008 min
Response: 2478797
Conc: 18.69 ug/ml



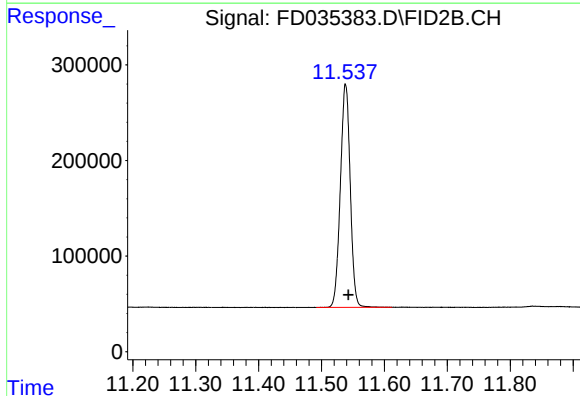
#9 Phenanthrene (C19.36)

R.T.: 10.776 min
Delta R.T.: -0.006 min
Response: 2422255
Conc: 18.32 ug/ml



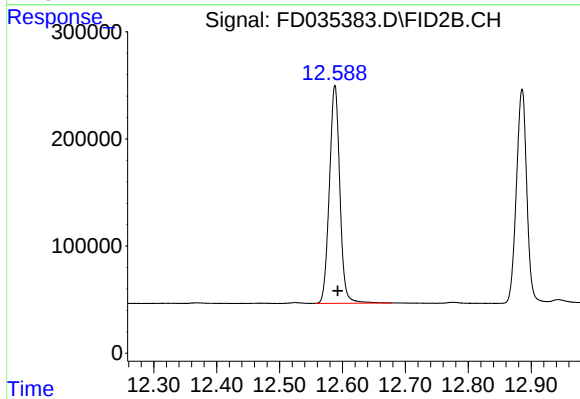
#10 Anthracene (C19.43)

R.T.: 10.851 min
Delta R.T.: -0.008 min
Response: 2375910
Conc: 17.57 ug/ml



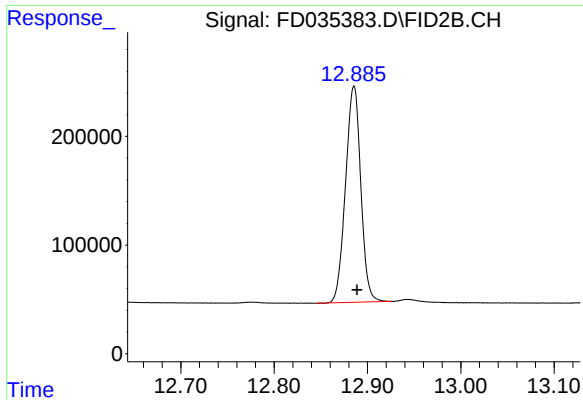
#11 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.005 min
Response: 2543721
Conc: 18.30 ug/ml



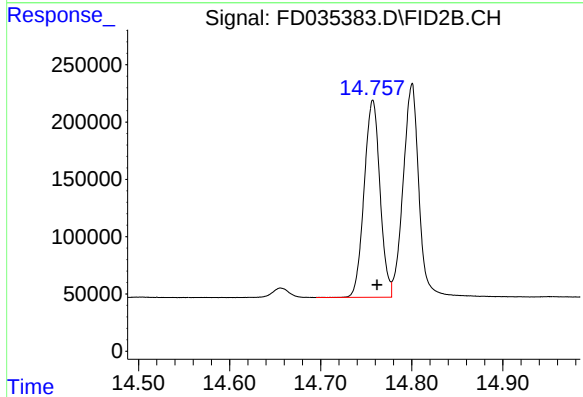
#12 Fluoranthene (C21.85)

R.T.: 12.588 min
Delta R.T.: -0.005 min
Response: 2346872
Conc: 17.47 ug/ml



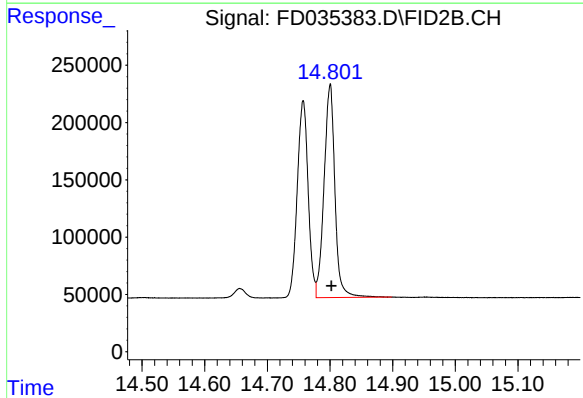
#13 Pyrene (C20.8)

R.T.: 12.885 min
Delta R.T.: -0.004 min
Response: 2260381
Conc: 17.00 ug/ml



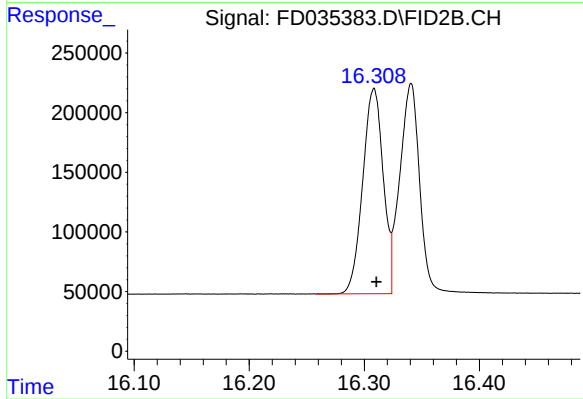
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.757 min
Delta R.T.: -0.005 min
Response: 2075087
Conc: 17.44 ug/ml



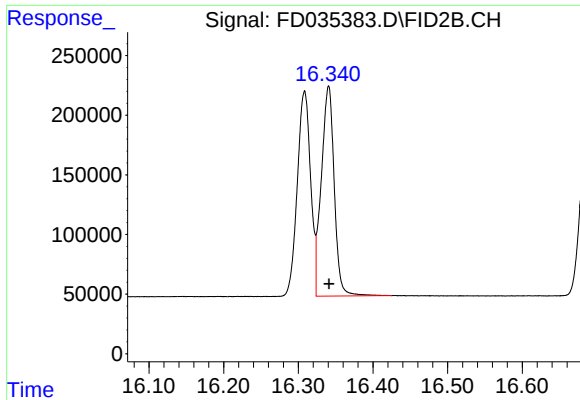
#15 Chrysene (C27.41)

R.T.: 14.800 min
Delta R.T.: -0.002 min
Response: 2243664
Conc: 16.94 ug/ml



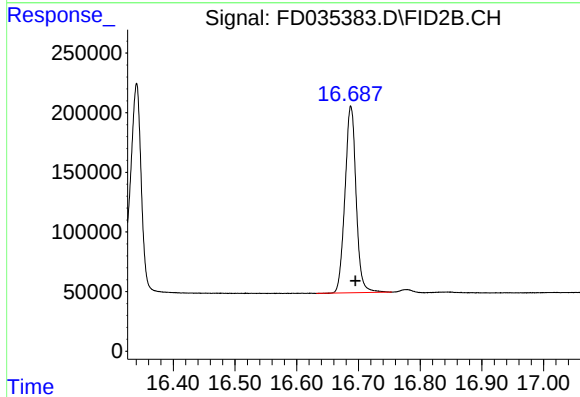
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.308 min
Delta R.T.: -0.002 min
Response: 2130665
Conc: 18.03 ug/ml



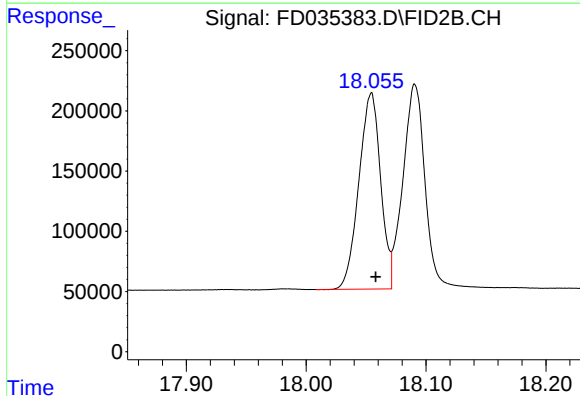
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.340 min
Delta R.T.: 0.000 min
Response: 2115751
Conc: 17.38 ug/ml



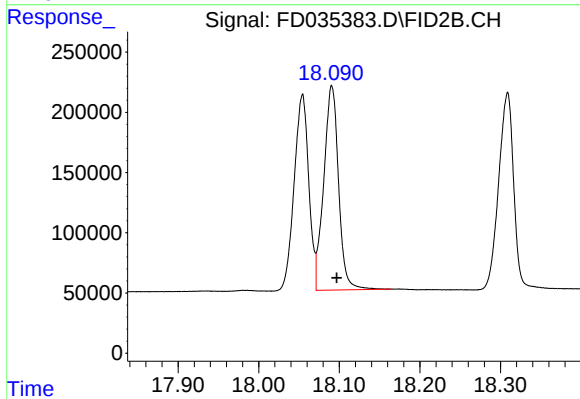
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.688 min
Delta R.T.: -0.007 min
Response: 1961357
Conc: 17.93 ug/ml



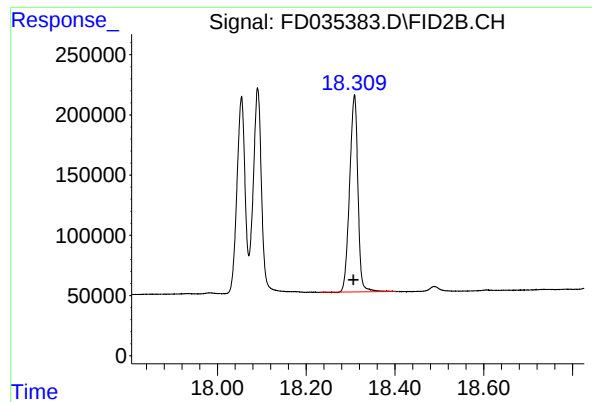
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.054 min
Delta R.T.: -0.004 min
Response: 2048783
Conc: 20.05 ug/ml



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

R.T.: 18.091 min
Delta R.T.: -0.006 min
Response: 2164902
Conc: 18.93 ug/ml



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

R.T.: 18.308 min
Delta R.T.: 0.002 min
Response: 2123883
Conc: 19.84 ug/ml