

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110620AR\
 Data File : FD035387.D
 Signal(s) : FID2B.CH
 Acq On : 06 Nov 2020 15:44
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 07 00:43:33 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...	7.637	2295654	19.793 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
6) S 2-Fluorobiphenyl (SURR)	8.501	1559812	19.384 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.77%
11) S ortho-Terphenyl (SURR)	11.537	2606260	18.754 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.435	2599146	20.151 ug/ml
2) T Naphthalene (C11.7)	5.975	2707648	19.997 ug/ml
3) T 2-Methylnaphthalene (...)	7.027	2702544	19.826 ug/ml
5) T Acenaphthylene (C15.06)	8.303	2580495	19.141 ug/ml
7) T Acenaphthene (C15.5)	8.598	2695127	19.414 ug/ml
8) T Flouorene (C16.55)	9.379	2561573	19.318 ug/ml
9) T Phenanthrene (C19.36)	10.775	2480922	18.768 ug/ml
10) T Anthracene (C19.43)	10.851	2435185	18.011 ug/ml
12) T Fluoranthene (C21.85)	12.587	2383335	17.741 ug/ml
13) T Pyrene (C20.8)	12.884	2263787	17.022 ug/ml
14) T Benzo[a]anthracene (C...	14.755	2083908	17.512 ug/ml
15) T Chrysene (C27.41)	14.797	2260115	17.065 ug/ml
16) T benzo[b]fluoranthene ...	16.307	2128653	18.013 ug/ml
17) T Bnezo[k]fluoranthene ...	16.339	2135793	17.549 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.686	1956083	17.885 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.052	2069315	20.247 ug/ml
20) T Dibenz[a,h]anthracene...	18.089	2218194	19.393 ug/ml
21) T Benzo[g,h,i]perylene ...	18.306	2134517	19.937 ug/ml

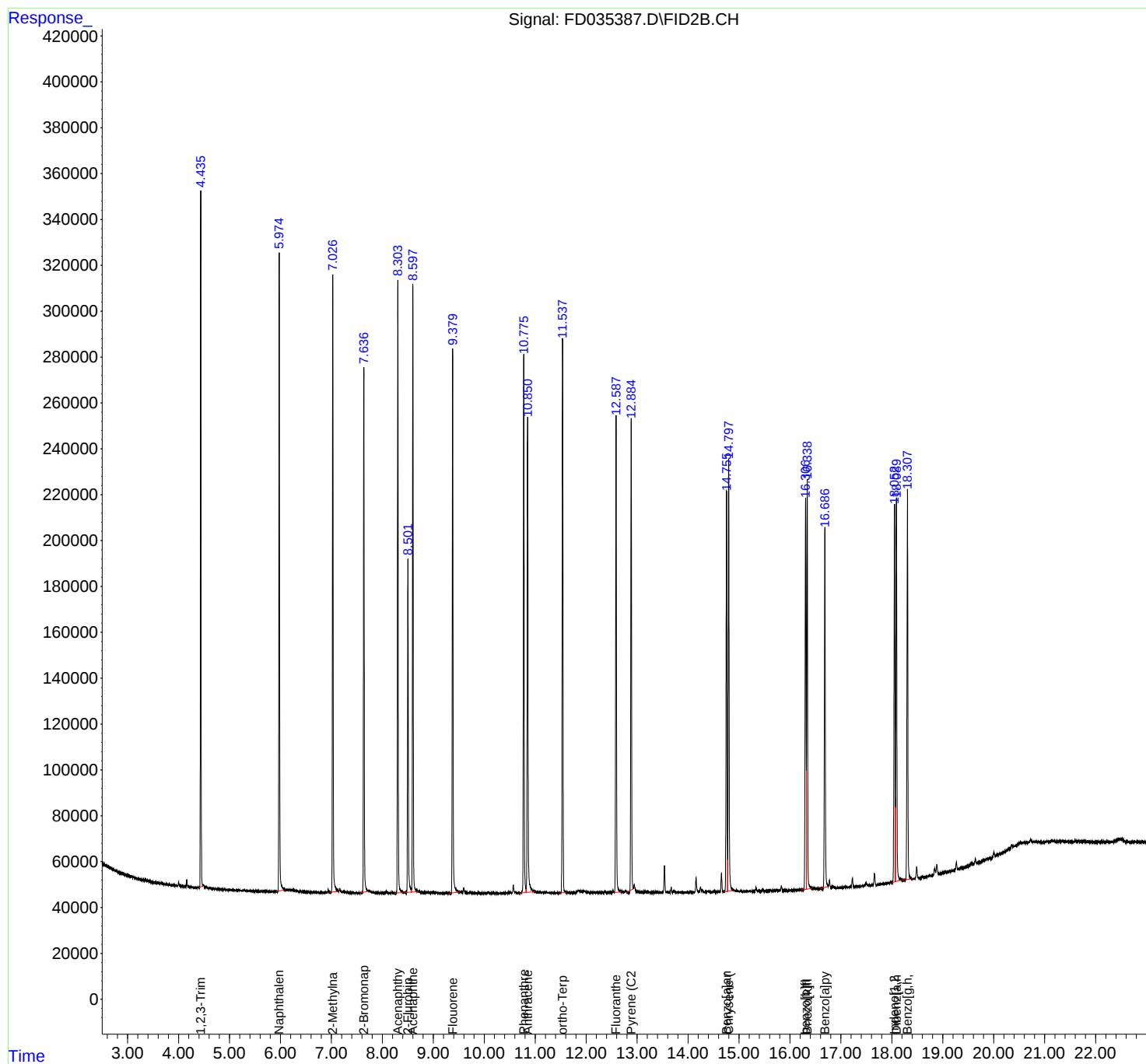
(f)=RT Delta > 1/2 Window

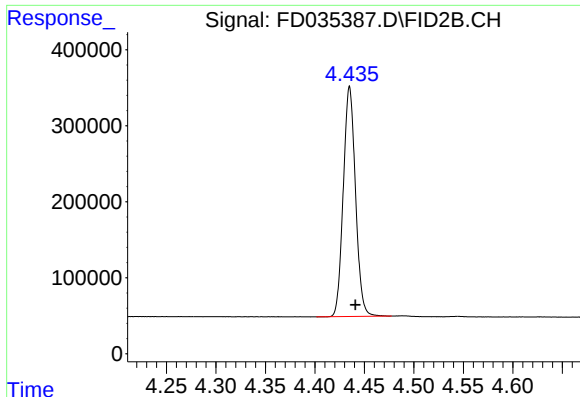
(m)=manual int.

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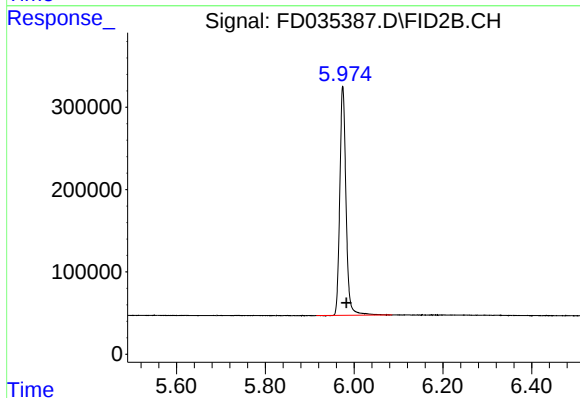
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





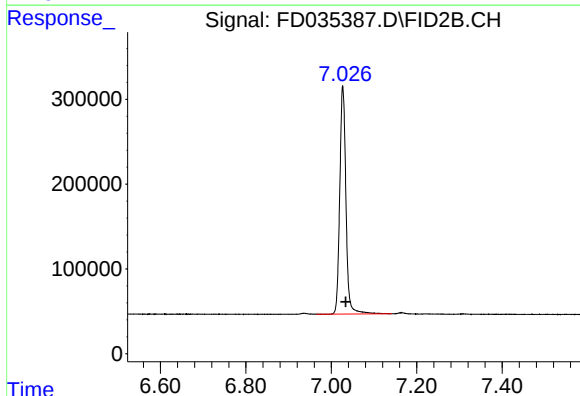
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.435 min
Delta R.T.: -0.006 min
Response: 2599146
Conc: 20.15 ug/ml



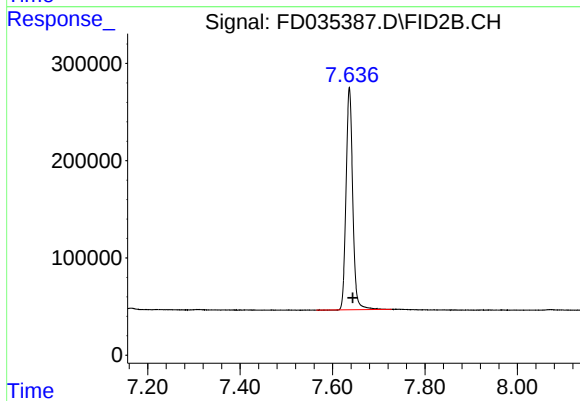
#2 Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.008 min
Response: 2707648
Conc: 20.00 ug/ml



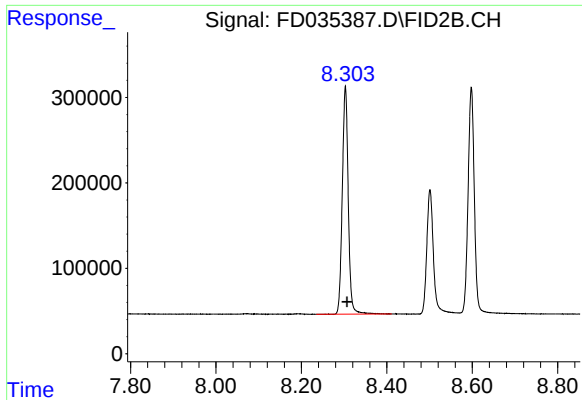
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: -0.006 min
Response: 2702544
Conc: 19.83 ug/ml



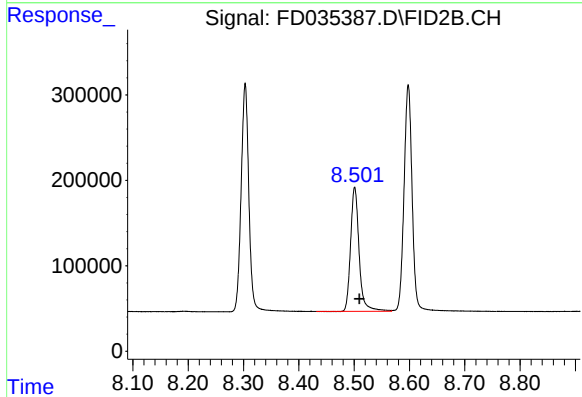
#4 2-Bromonaphthalene (SURR)

R.T.: 7.637 min
Delta R.T.: -0.007 min
Response: 2295654
Conc: 19.79 ug/ml



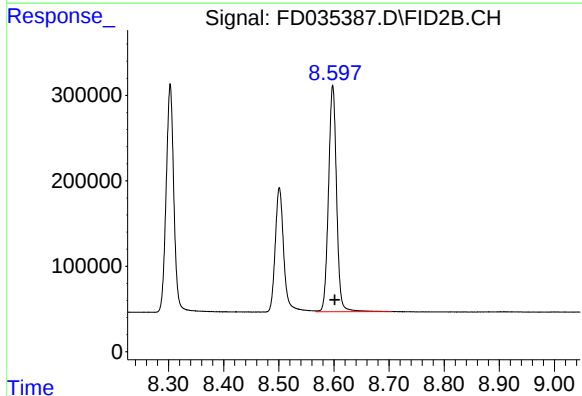
#5 Acenaphthylene (C15.06)

R.T.: 8.303 min
Delta R.T.: -0.004 min
Response: 2580495
Conc: 19.14 ug/ml



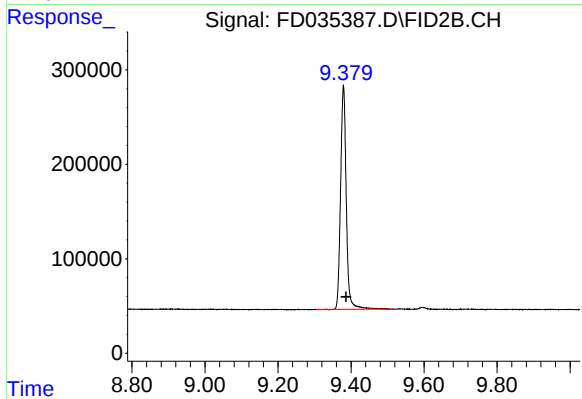
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.501 min
Delta R.T.: -0.008 min
Response: 1559812
Conc: 19.38 ug/ml



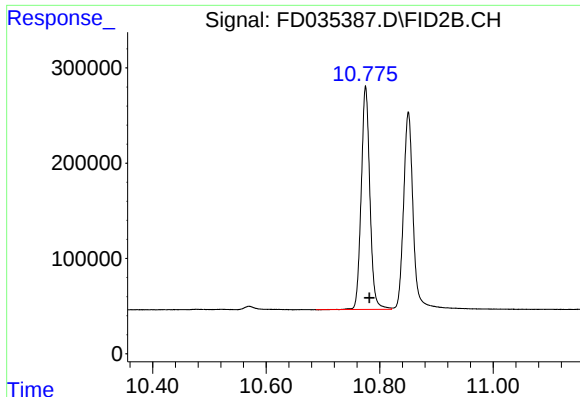
#7 Acenaphthene (C15.5)

R.T.: 8.598 min
Delta R.T.: -0.003 min
Response: 2695127
Conc: 19.41 ug/ml



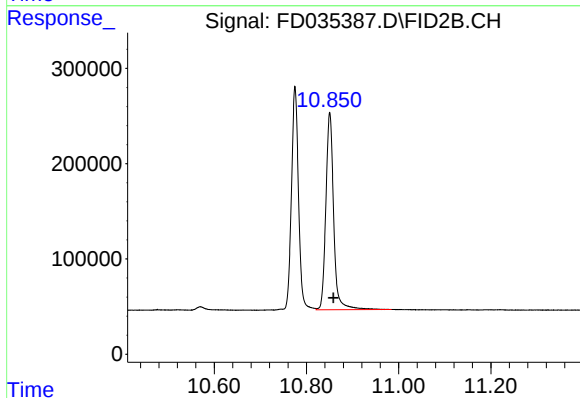
#8 Flouorene (C16.55)

R.T.: 9.379 min
Delta R.T.: -0.007 min
Response: 2561573
Conc: 19.32 ug/ml



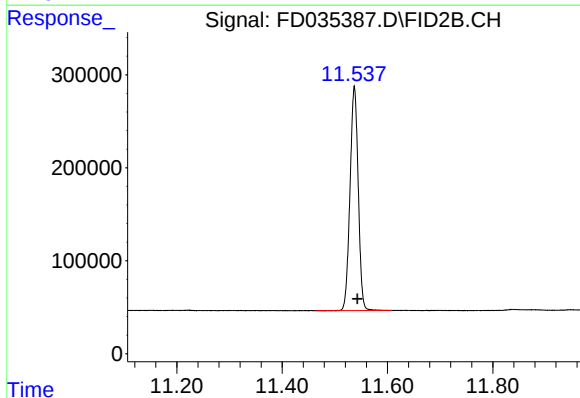
#9 Phenanthrene (C19.36)

R.T.: 10.775 min
Delta R.T.: -0.006 min
Response: 2480922
Conc: 18.77 ug/ml



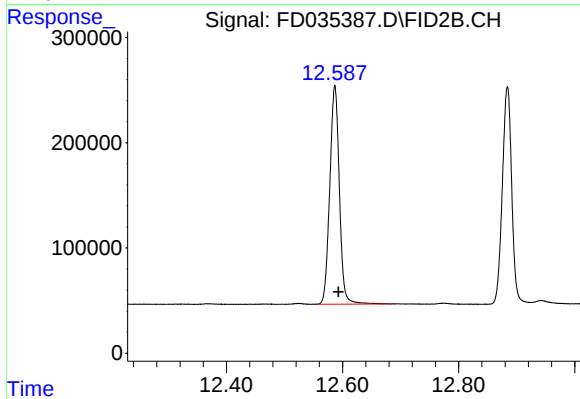
#10 Anthracene (C19.43)

R.T.: 10.851 min
Delta R.T.: -0.008 min
Response: 2435185
Conc: 18.01 ug/ml



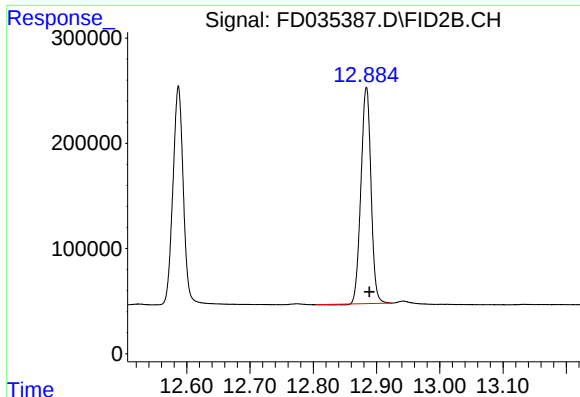
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.006 min
Response: 2606260
Conc: 18.75 ug/ml



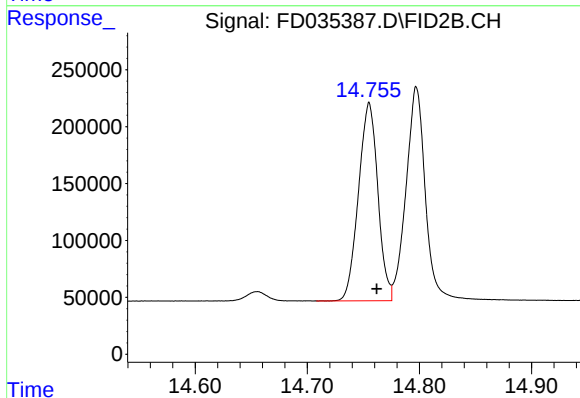
#12 Fluoranthene (C21.85)

R.T.: 12.587 min
Delta R.T.: -0.006 min
Response: 2383335
Conc: 17.74 ug/ml



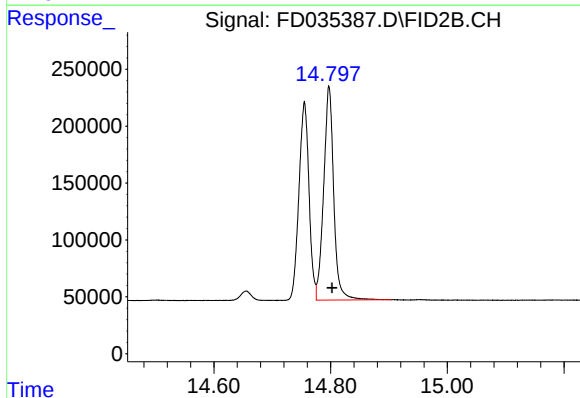
#13 Pyrene (C20.8)

R.T.: 12.884 min
Delta R.T.: -0.005 min
Response: 2263787
Conc: 17.02 ug/ml



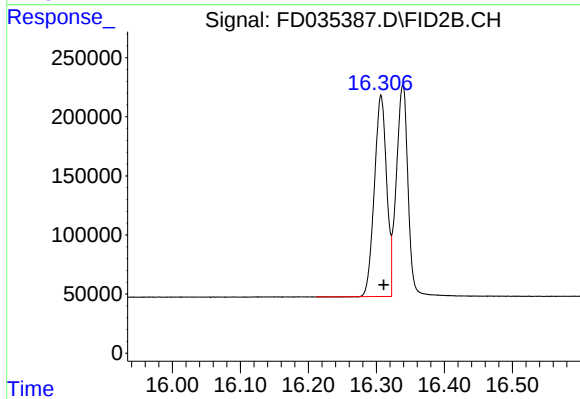
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.755 min
Delta R.T.: -0.007 min
Response: 2083908
Conc: 17.51 ug/ml



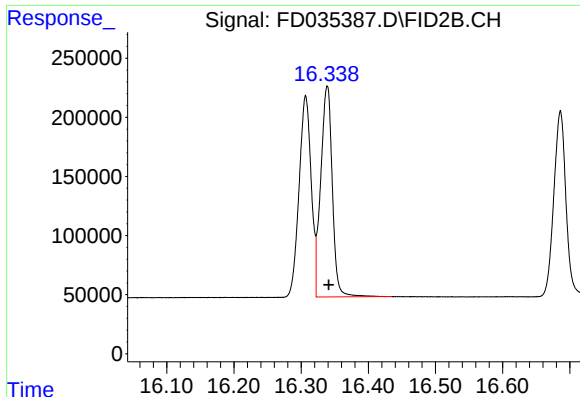
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.005 min
Response: 2260115
Conc: 17.06 ug/ml



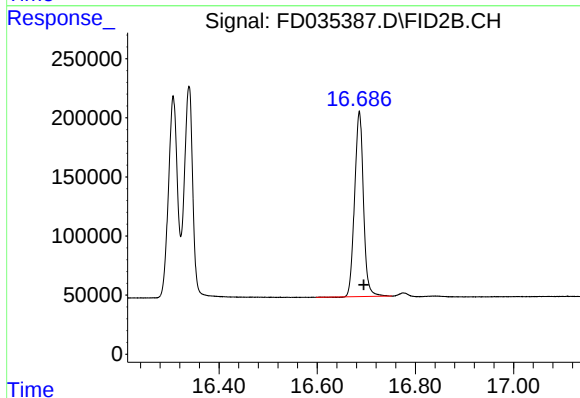
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.307 min
Delta R.T.: -0.004 min
Response: 2128653
Conc: 18.01 ug/ml



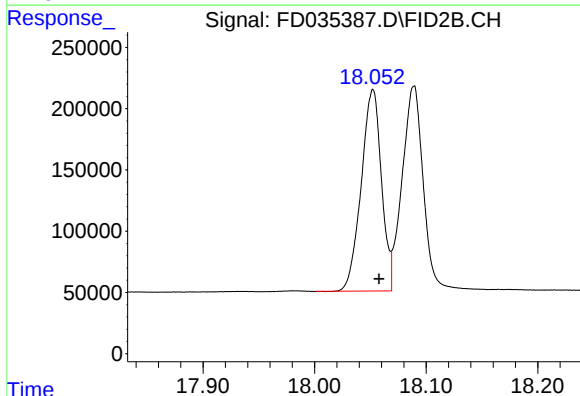
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.339 min
Delta R.T.: -0.002 min
Response: 2135793
Conc: 17.55 ug/ml



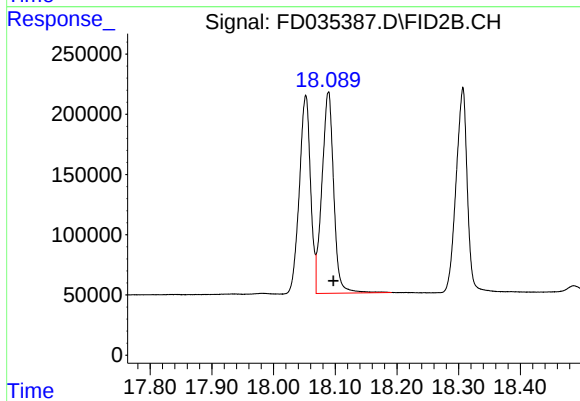
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.686 min
Delta R.T.: -0.009 min
Response: 1956083
Conc: 17.89 ug/ml



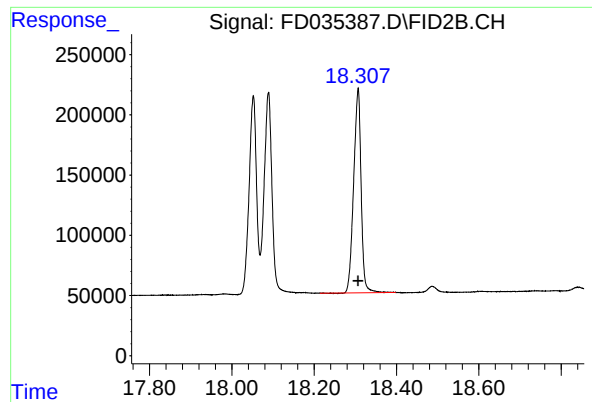
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.052 min
Delta R.T.: -0.006 min
Response: 2069315
Conc: 20.25 ug/ml



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

R.T.: 18.089 min
Delta R.T.: -0.008 min
Response: 2218194
Conc: 19.39 ug/ml



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

R.T.: 18.306 min
Delta R.T.: 0.000 min
Response: 2134517
Conc: 19.94 ug/ml