

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090820AR\
 Data File : FD034666.D
 Signal(s) : FID2B.CH
 Acq On : 08 Sep 2020 12:16
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 09 02:23:02 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...	7.684	1965598	19.164 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
6) S 2-Fluorobiphenyl (SURR)	8.549	1367380	19.004 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.01%
11) S ortho-Terphenyl (SURR)	11.589	2251295	18.792 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.477	2217165	19.584 ug/ml
2) T Naphthalene (C11.7)	6.021	2250697	19.283 ug/ml
3) T 2-Methylnaphthalene (...)	7.074	2266585	19.191 ug/ml
5) T Acenaphthylene (C15.06)	8.351	2195937	18.789 ug/ml
7) T Acenaphthene (C15.5)	8.647	2254937	18.952 ug/ml
8) T Flouorene (C16.55)	9.428	2174961	18.864 ug/ml
9) T Phenanthrene (C19.36)	10.825	2177690	18.677 ug/ml
10) T Anthracene (C19.43)	10.900	2069785	18.169 ug/ml
12) T Fluoranthene (C21.85)	12.638	2166500	18.579 ug/ml
13) T Pyrene (C20.8)	12.936	2105234	18.551 ug/ml
14) T Benzo[a]anthracene (C...	14.808	2046235	18.541 ug/ml
15) T Chrysene (C27.41)	14.850	2072086	18.551 ug/ml
16) T benzo[b]fluoranthene ...	16.390	2003677	18.707 ug/ml
17) T Bnezo[k]fluoranthene ...	16.390	2003677	18.896 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.738	2009304	19.080 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.141	2012932	19.870 ug/ml
20) T Dibenz[a,h]anthracene...	18.141	2012932	19.812 ug/ml
21) T Benzo[g,h,i]perylene ...	18.357	2007789	19.884 ug/ml

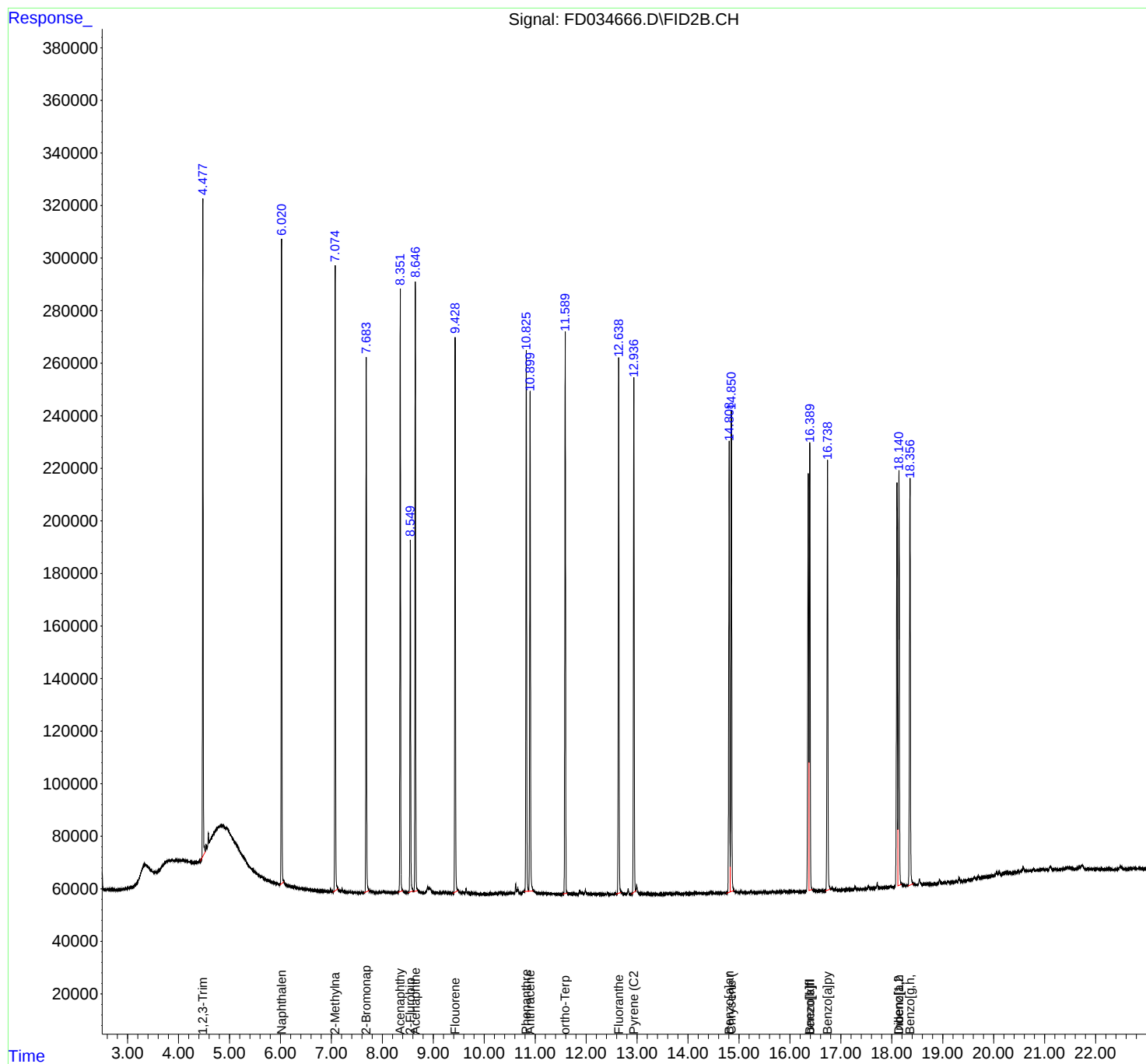
(f)=RT Delta > 1/2 Window

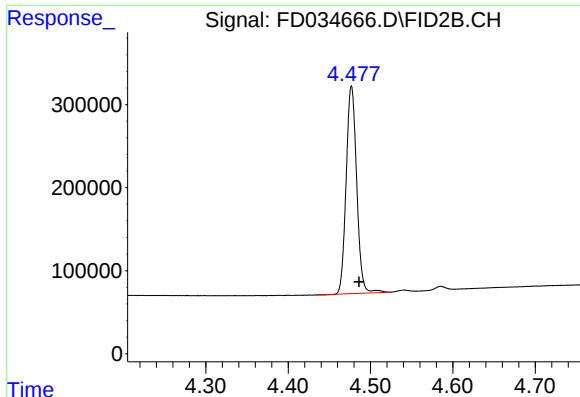
(m)=manual int.

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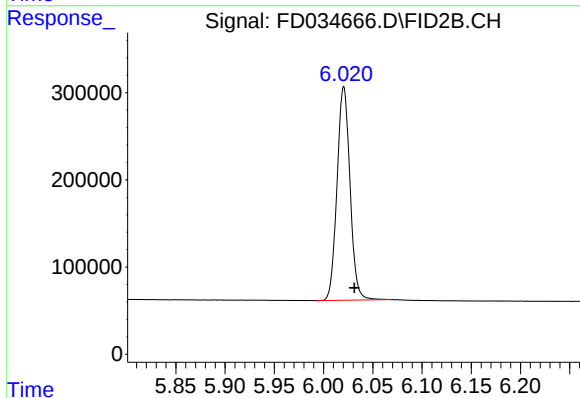
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Signal Info : 20M x 0.18mm x 0.18µm





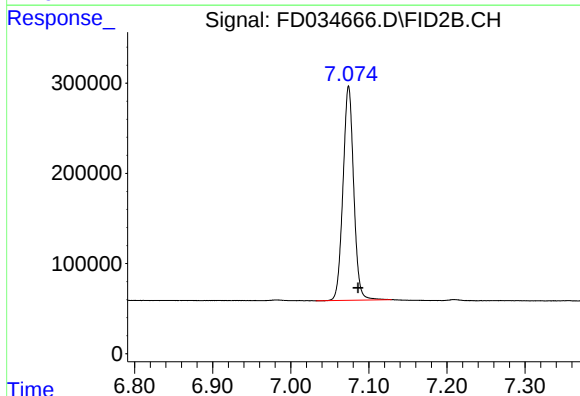
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.477 min
Delta R.T.: -0.009 min
Response: 2217165
Conc: 19.58 ug/ml



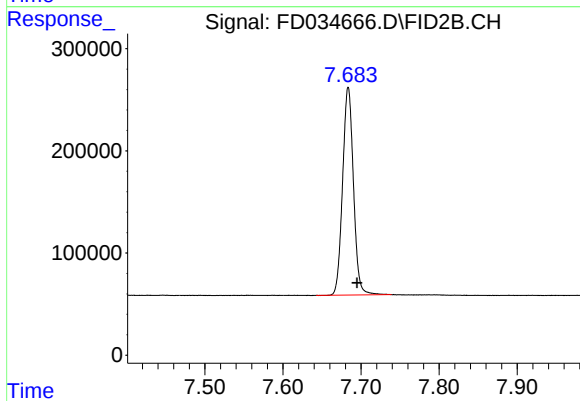
#2 Naphthalene (C11.7)

R.T.: 6.021 min
Delta R.T.: -0.011 min
Response: 2250697
Conc: 19.28 ug/ml



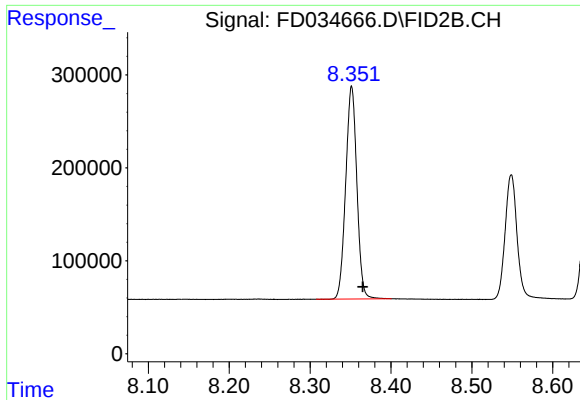
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: -0.012 min
Response: 2266585
Conc: 19.19 ug/ml



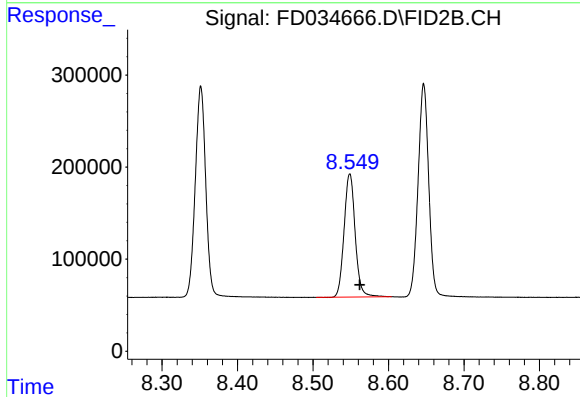
#4 2-Bromonaphthalene (SURR)

R.T.: 7.684 min
Delta R.T.: -0.011 min
Response: 1965598
Conc: 19.16 ug/ml



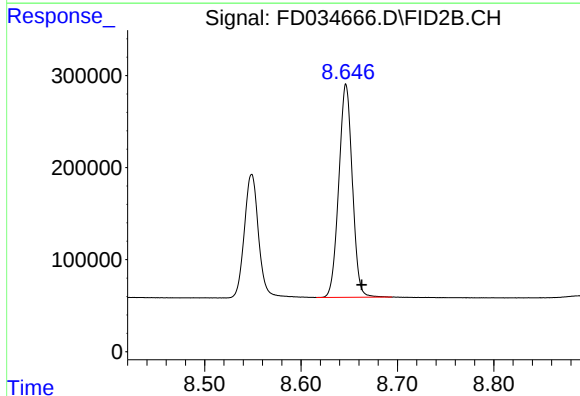
#5 Acenaphthylene (C15.06)

R.T.: 8.351 min
Delta R.T.: -0.014 min
Response: 2195937
Conc: 18.79 ug/ml



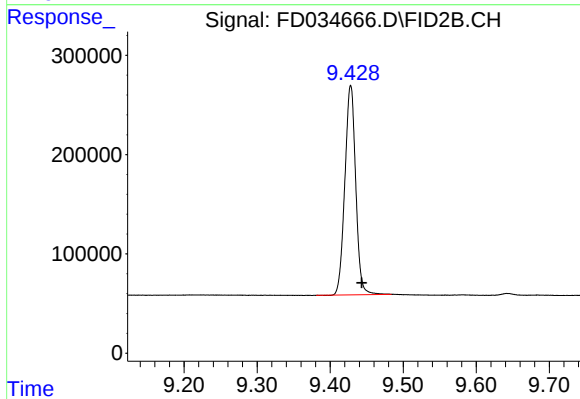
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.549 min
Delta R.T.: -0.013 min
Response: 1367380
Conc: 19.00 ug/ml



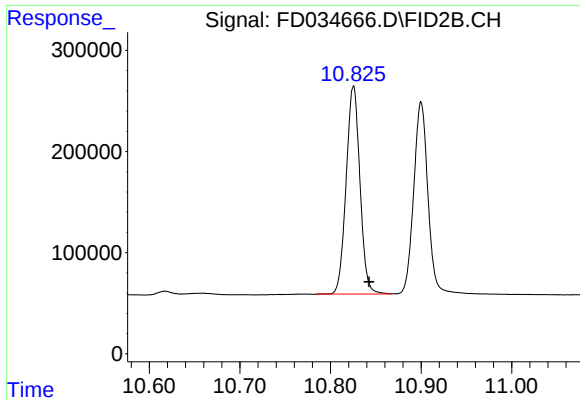
#7 Acenaphthene (C15.5)

R.T.: 8.647 min
Delta R.T.: -0.016 min
Response: 2254937
Conc: 18.95 ug/ml



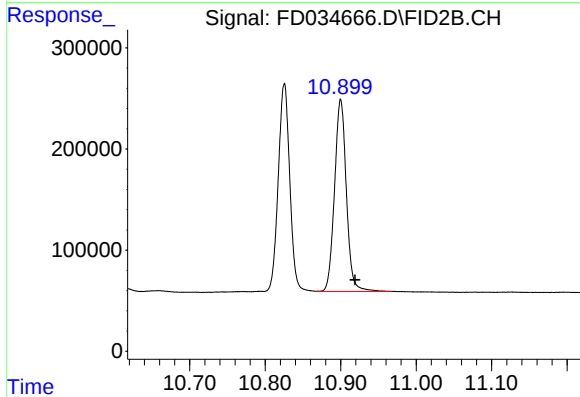
#8 Flouorene (C16.55)

R.T.: 9.428 min
Delta R.T.: -0.015 min
Response: 2174961
Conc: 18.86 ug/ml



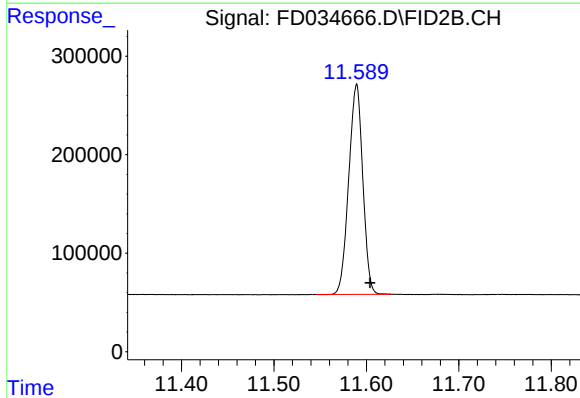
#9 Phenanthrene (C19.36)

R.T.: 10.825 min
Delta R.T.: -0.017 min
Response: 2177690
Conc: 18.68 ug/ml



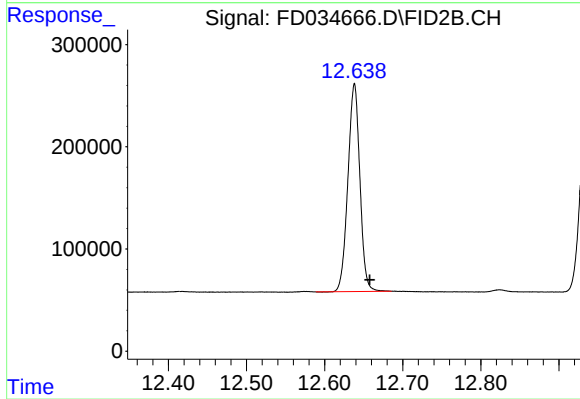
#10 Anthracene (C19.43)

R.T.: 10.900 min
Delta R.T.: -0.019 min
Response: 2069785
Conc: 18.17 ug/ml



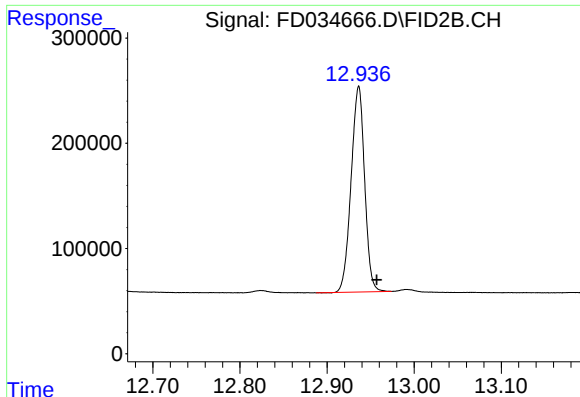
#11 ortho-Terphenyl (SURR)

R.T.: 11.589 min
Delta R.T.: -0.014 min
Response: 2251295
Conc: 18.79 ug/ml



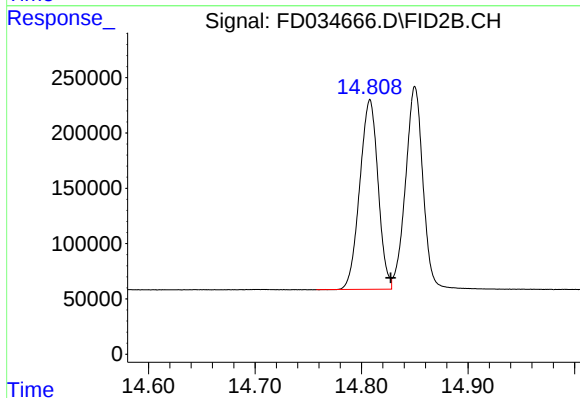
#12 Fluoranthene (C21.85)

R.T.: 12.638 min
Delta R.T.: -0.020 min
Response: 2166500
Conc: 18.58 ug/ml



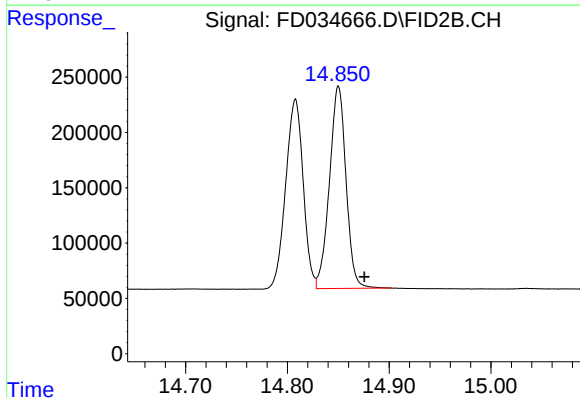
#13 Pyrene (C20.8)

R.T.: 12.936 min
Delta R.T.: -0.021 min
Response: 2105234
Conc: 18.55 ug/ml



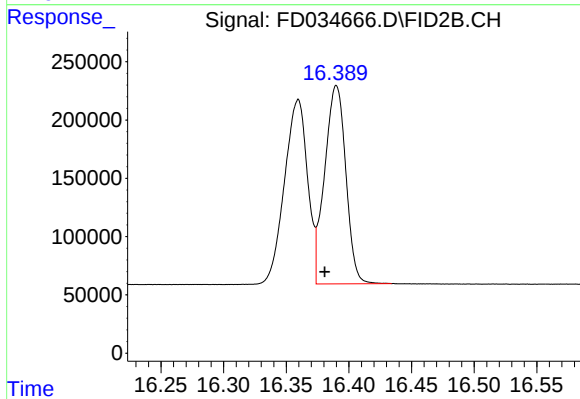
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.808 min
Delta R.T.: -0.019 min
Response: 2046235
Conc: 18.54 ug/ml



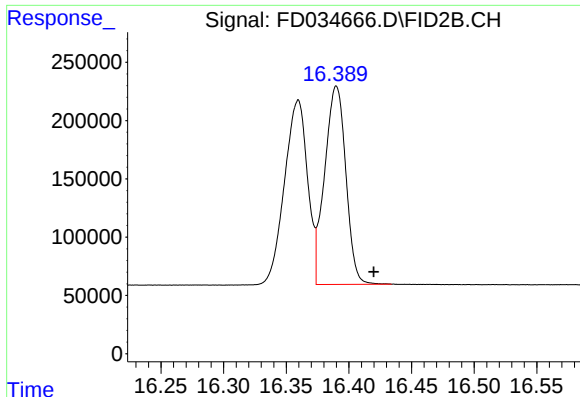
#15 Chrysene (C27.41)

R.T.: 14.850 min
Delta R.T.: -0.025 min
Response: 2072086
Conc: 18.55 ug/ml



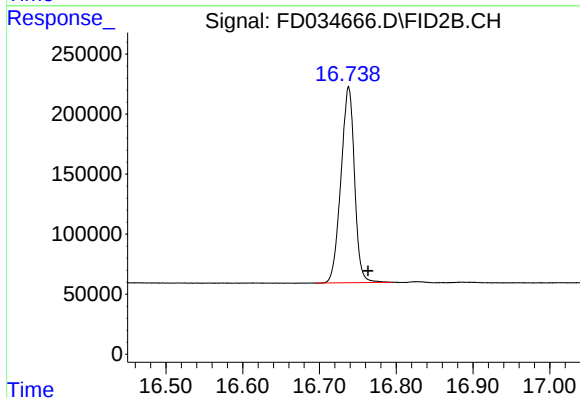
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.390 min
Delta R.T.: 0.009 min
Response: 2003677
Conc: 18.71 ug/ml



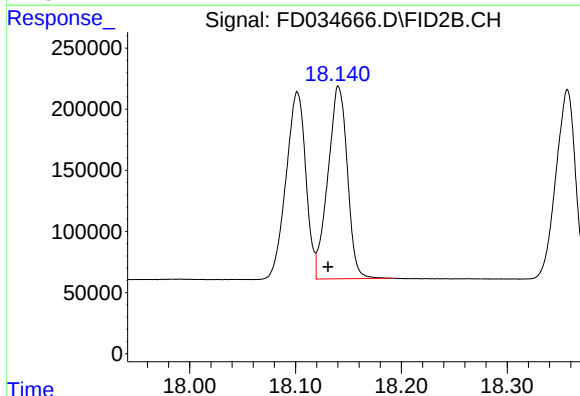
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.390 min
Delta R.T.: -0.030 min
Response: 2003677
Conc: 18.90 ug/ml



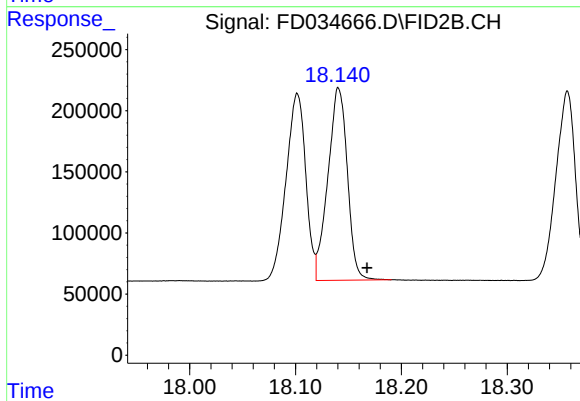
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.738 min
Delta R.T.: -0.025 min
Response: 2009304
Conc: 19.08 ug/ml



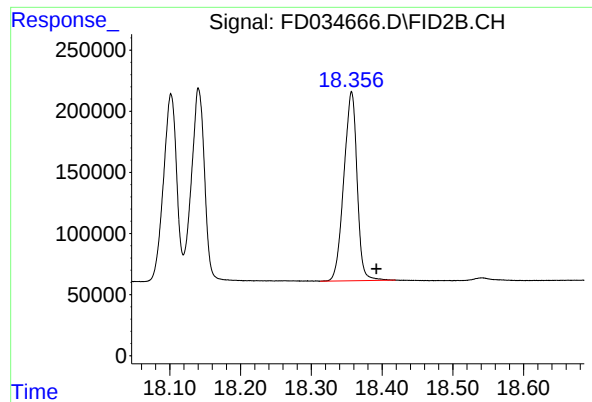
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.141 min
Delta R.T.: 0.010 min
Response: 2012932
Conc: 19.87 ug/ml



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

R.T.: 18.141 min
Delta R.T.: -0.027 min
Response: 2012932
Conc: 19.81 ug/ml



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

R.T.: 18.357 min
Delta R.T.: -0.035 min
Response: 2007789
Conc: 19.88 ug/ml