

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032222AR\
 Data File : FD041656.D
 Signal(s) : FID2B.CH
 Acq On : 22 Mar 2022 16:13
 Operator : UA/NP
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 16:53:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 22 16:42:32 2022
 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...	7.351	1751226	11.434 ug/ml
Spiked Amount 50.000		Recovery =	22.87%
6) S 2-Fluorobiphenyl (SURR)	8.202	1043963	10.386 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.77%
11) S ortho-Terphenyl (SURR)	11.229	2151026	11.944 ug/ml
Spiked Amount 50.000		Recovery =	23.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	1920449	11.663 ug/ml
2) T Naphthalene (C11.7)	5.695	1923654	11.222 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	1698650	10.935 ug/ml
5) T Acenaphthylene (C15.06)	8.002	2038278	11.698 ug/ml
7) T Acenaphthene (C15.5)	8.294	2131185	12.051 ug/ml
8) T Fluorene (C16.55)	9.073	1918968	11.331 ug/ml
9) T Phenanthrene (C19.36)	10.460	1893812	11.253 ug/ml
10) T Anthracene (C19.43)	10.535	2023474	11.877 ug/ml
12) T Fluoranthene (C21.85)	12.263	1942854	11.679 ug/ml
13) T Pyrene (C20.8)	12.556	1849488	11.413 ug/ml
14) T Benzo[a]anthracene (C...	14.426	1592404	10.587 ug/ml
15) T Chrysene (C27.41)	14.466	2049442	12.847 ug/ml
16) T benzo[b]fluoranthene ...	15.971	1589649	10.874 ug/ml
17) T Bnezo[k]fluoranthene ...	16.003	1866908	12.819 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.352	1532465	11.270 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.715	1095321	9.582 ug/ml
20) T Dibenz[a,h]anthracene...	17.757	1635698	12.342 ug/ml
21) T Benzo[g,h,i]perylene ...	17.965	1459326	11.553 ug/ml

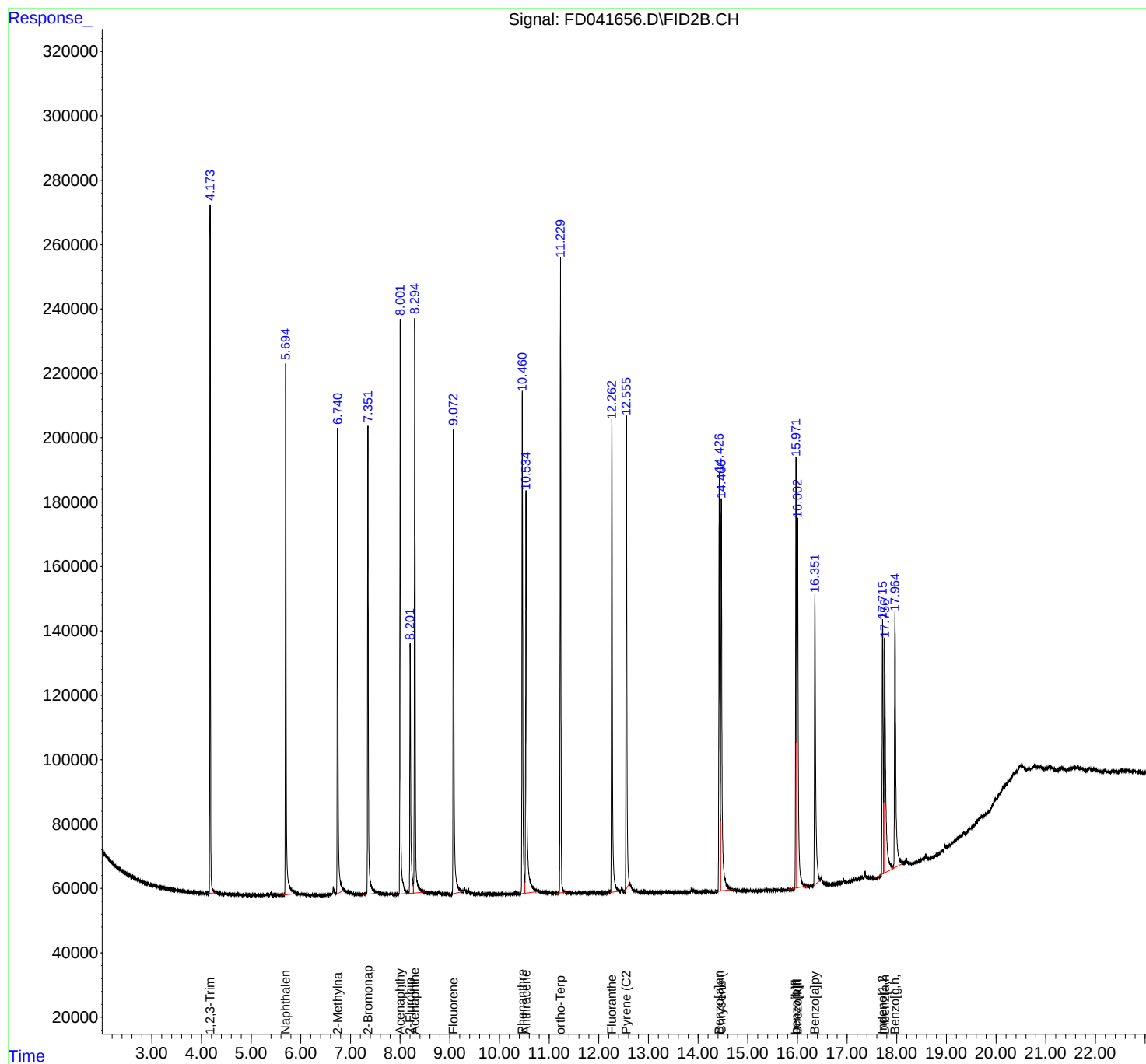
(f)=RT Delta > 1/2 Window

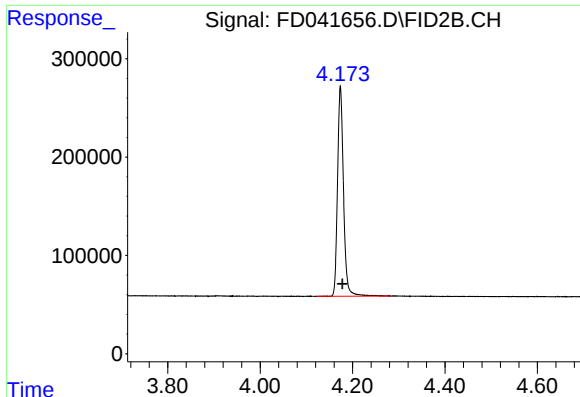
(m)=manual int.

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Sample    : 10 PPM AROMATIC HC STD4  
Misc      :  
ALS Vial  : 55    Sample Multiplier: 1
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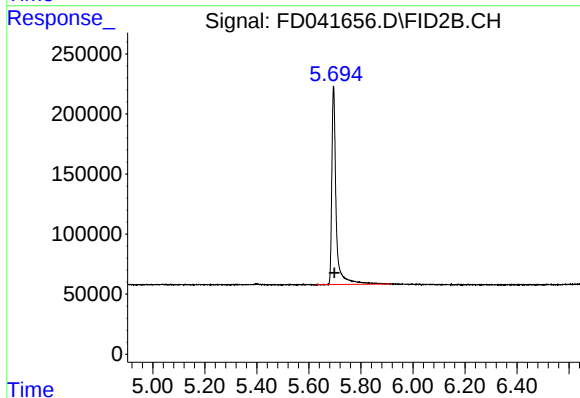
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





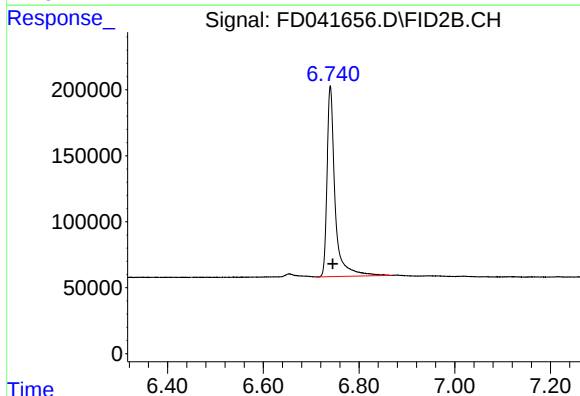
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.174 min
Delta R.T.: -0.004 min
Response: 1920449
Conc: 11.66 ug/ml



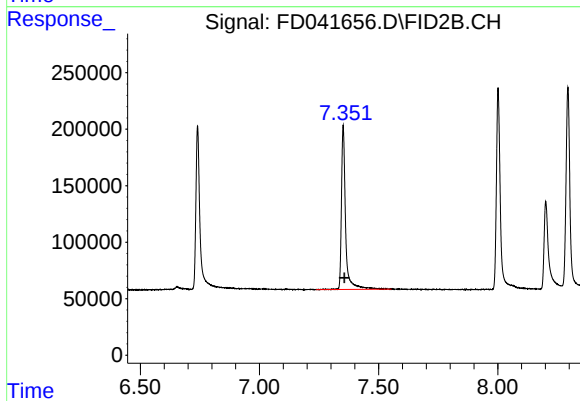
#2 Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.003 min
Response: 1923654
Conc: 11.22 ug/ml



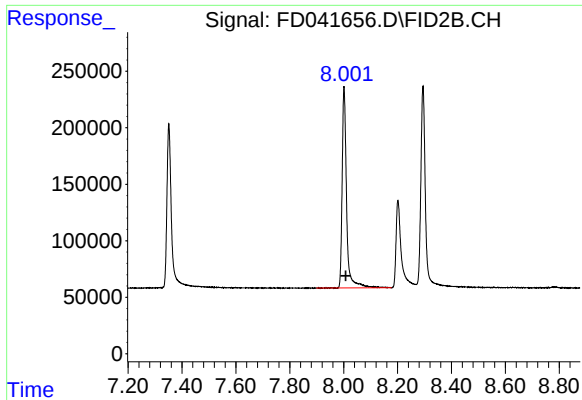
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: -0.004 min
Response: 1698650
Conc: 10.93 ug/ml



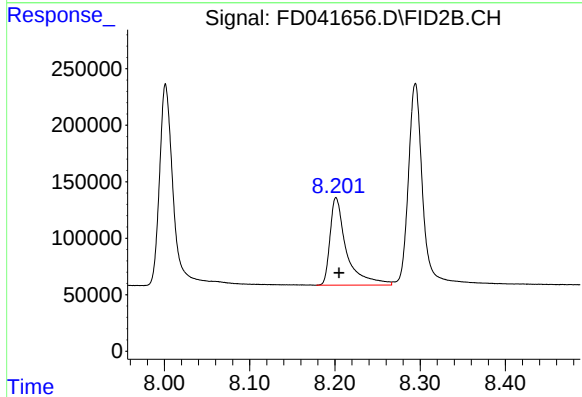
#4 2-Bromonaphthalene (SURR)

R.T.: 7.351 min
Delta R.T.: -0.004 min
Response: 1751226
Conc: 11.43 ug/ml



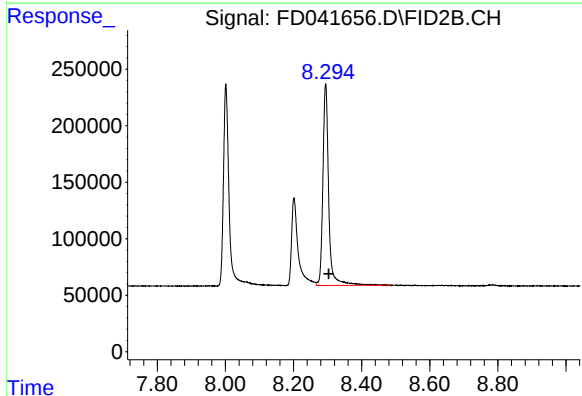
#5 Acenaphthylene (C15.06)

R.T.: 8.002 min
Delta R.T.: -0.007 min
Response: 2038278
Conc: 11.70 ug/ml



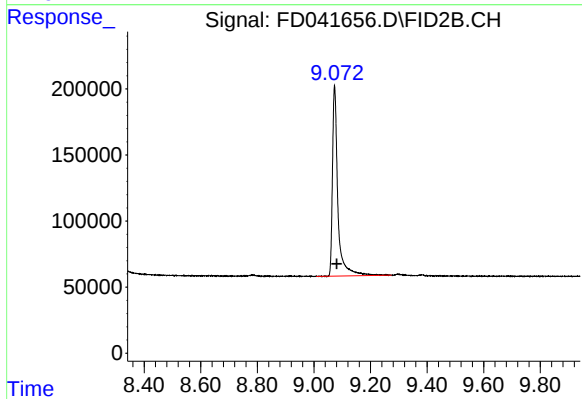
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.003 min
Response: 1043963
Conc: 10.39 ug/ml



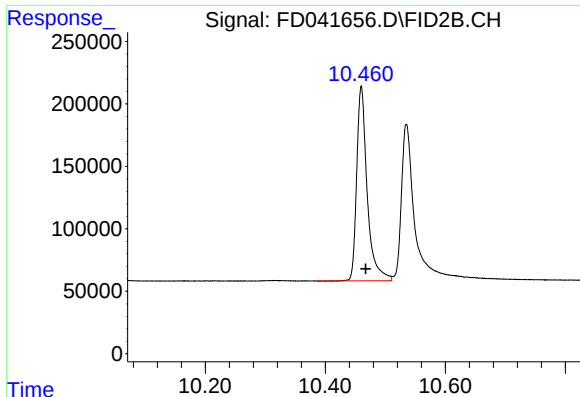
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.009 min
Response: 2131185
Conc: 12.05 ug/ml



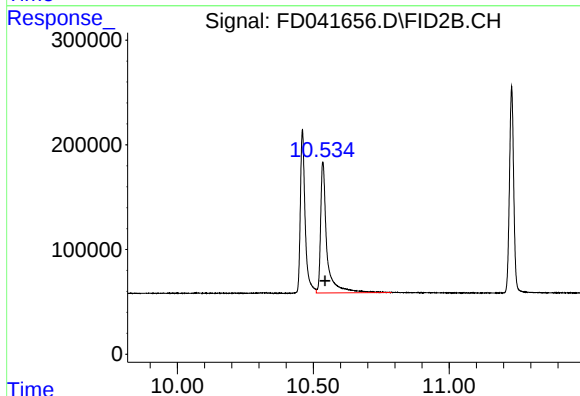
#8 Fluorene (C16.55)

R.T.: 9.073 min
Delta R.T.: -0.007 min
Response: 1918968
Conc: 11.33 ug/ml



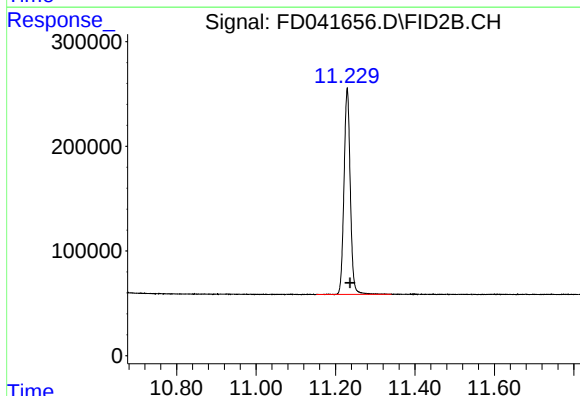
#9 Phenanthrene (C19.36)

R.T.: 10.460 min
Delta R.T.: -0.008 min
Response: 1893812
Conc: 11.25 ug/ml



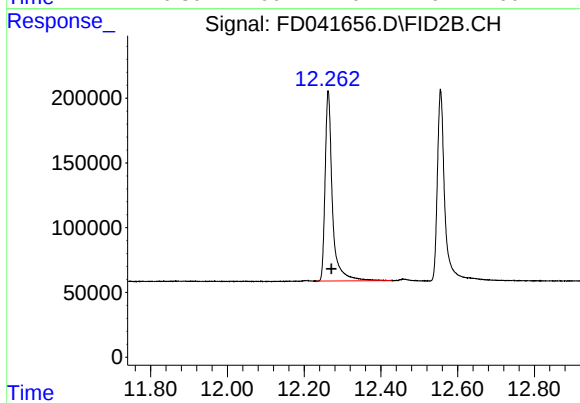
#10 Anthracene (C19.43)

R.T.: 10.535 min
Delta R.T.: -0.008 min
Response: 2023474
Conc: 11.88 ug/ml



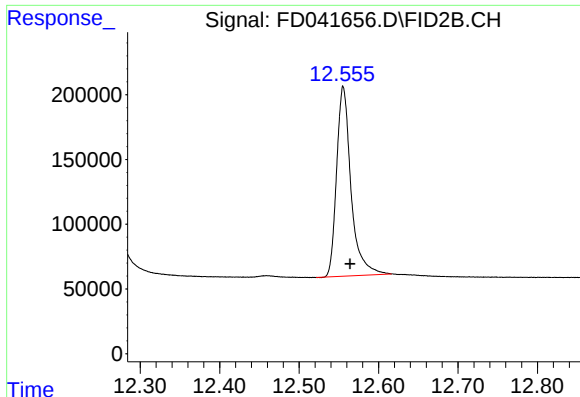
#11 ortho-Terphenyl (SURR)

R.T.: 11.229 min
Delta R.T.: -0.008 min
Response: 2151026
Conc: 11.94 ug/ml



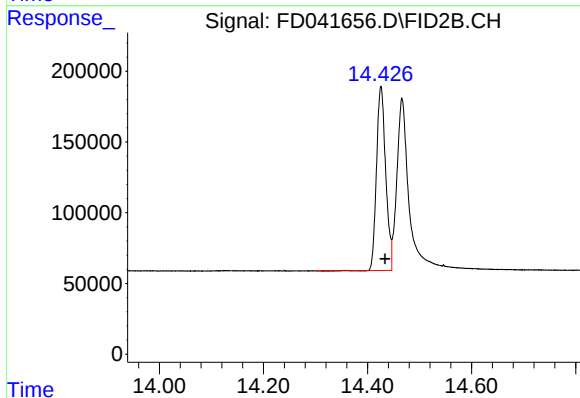
#12 Fluoranthene (C21.85)

R.T.: 12.263 min
Delta R.T.: -0.008 min
Response: 1942854
Conc: 11.68 ug/ml



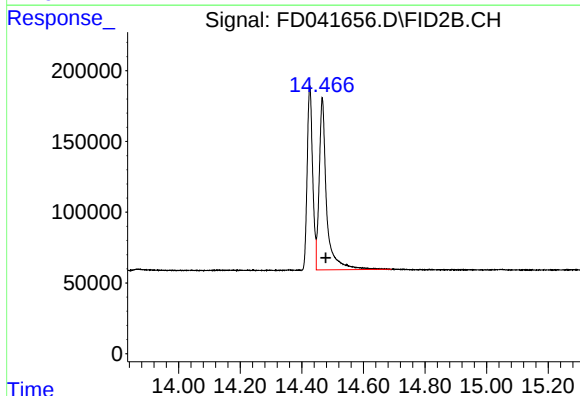
#13 Pyrene (C20.8)

R.T.: 12.556 min
Delta R.T.: -0.008 min
Response: 1849488
Conc: 11.41 ug/ml



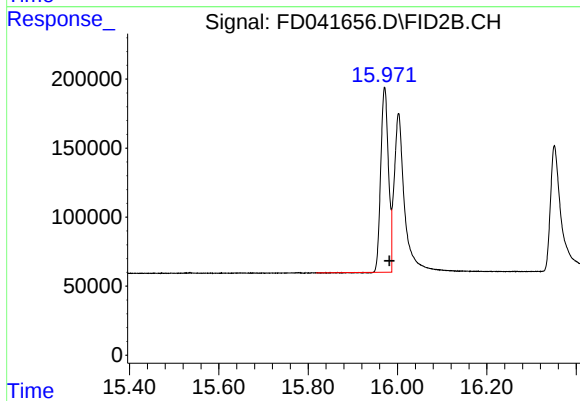
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.426 min
Delta R.T.: -0.008 min
Response: 1592404
Conc: 10.59 ug/ml



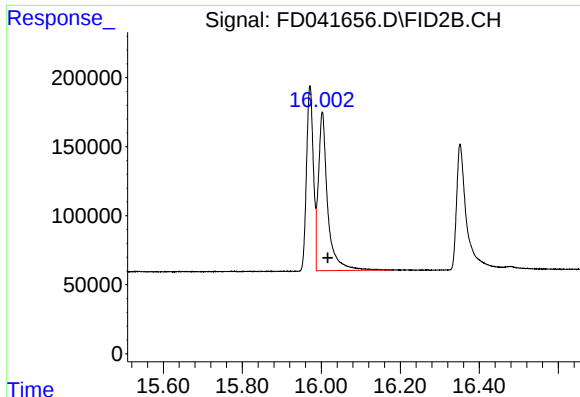
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: -0.011 min
Response: 2049442
Conc: 12.85 ug/ml



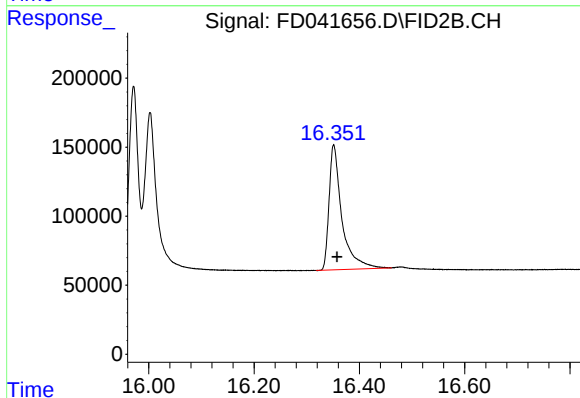
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.971 min
Delta R.T.: -0.011 min
Response: 1589649
Conc: 10.87 ug/ml



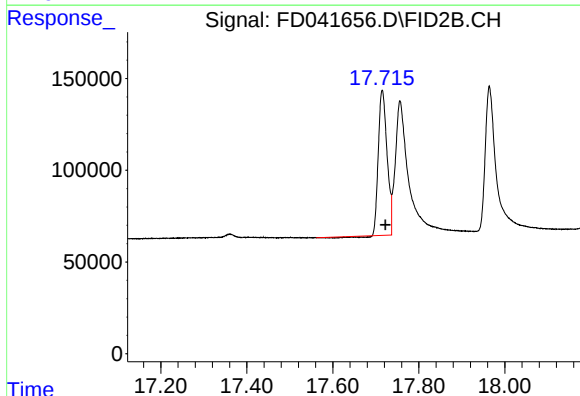
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.003 min
Delta R.T.: -0.014 min
Response: 1866908
Conc: 12.82 ug/ml



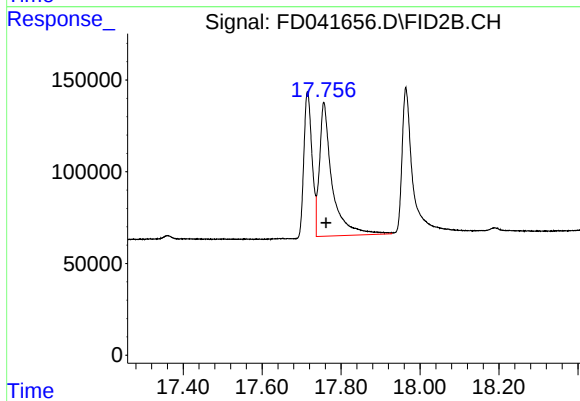
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.352 min
Delta R.T.: -0.006 min
Response: 1532465
Conc: 11.27 ug/ml



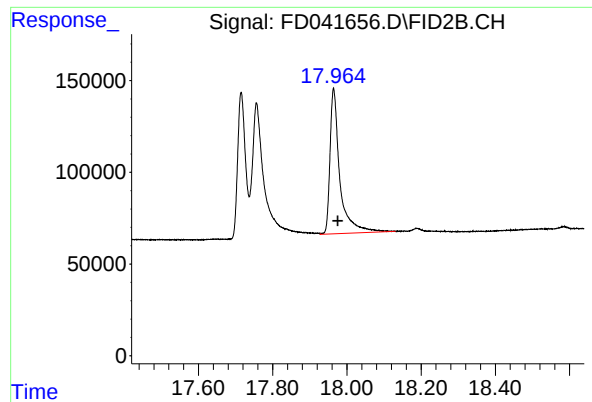
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.715 min
Delta R.T.: -0.007 min
Response: 1095321
Conc: 9.58 ug/ml



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

R.T.: 17.757 min
Delta R.T.: -0.005 min
Response: 1635698
Conc: 12.34 ug/ml



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

R.T.: 17.965 min
Delta R.T.: -0.011 min
Response: 1459326
Conc: 11.55 ug/ml