

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040078.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2021 8:39
 Operator : AJ\MA
 Sample : M5142-01MSD
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 21 11:56:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122021.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 21 03:16:39 2021
 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...	6.855	10427123	78.131 ug/ml
Spiked Amount 50.000		Recovery =	156.26%
6) S 2-Fluorobiphenyl (SURR)	7.710	7177034	79.763 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	159.53%#
11) S ortho-Terphenyl (SURR)	10.750	9066846	65.888 ug/ml
Spiked Amount 50.000		Recovery =	131.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.697	8300229	57.306 ug/mlm
2) T Naphthalene (C11.7)	5.201	9798306	64.777 ug/ml
3) T 2-Methylnaphthalene (...)	6.246	10279413	67.778 ug/ml
5) T Acenaphthylene (C15.06)	7.514	9899030	71.763 ug/ml
7) T Acenaphthene (C15.5)	7.811	11053804	75.591 ug/ml
8) T Fluorene (C16.55)	8.589	11201715	78.019 ug/ml
9) T Phenanthrene (C19.36)	9.982	11684306	83.733 ug/ml
10) T Anthracene (C19.43)	10.057	10696292	79.804 ug/ml
12) T Fluoranthene (C21.85)	11.790	11404339	84.144 ug/ml
13) T Pyrene (C20.8)	12.086	11116357	84.501 ug/ml
14) T Benzo[a]anthracene (C...	13.955	9820928	81.385 ug/ml
15) T Chrysene (C27.41)	13.955	9820928	77.985 ug/ml
16) T benzo[b]fluoranthene ...	15.510	9912098	80.511 ug/ml
17) T Bnezo[k]fluoranthene ...	15.510	9912098	81.297 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.886	8143292	67.598 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.256	7462347	63.217 ug/mlm
20) T Dibenz[a,h]anthracene...	17.297	7678334	66.252 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.514	8095292	67.071 ug/ml

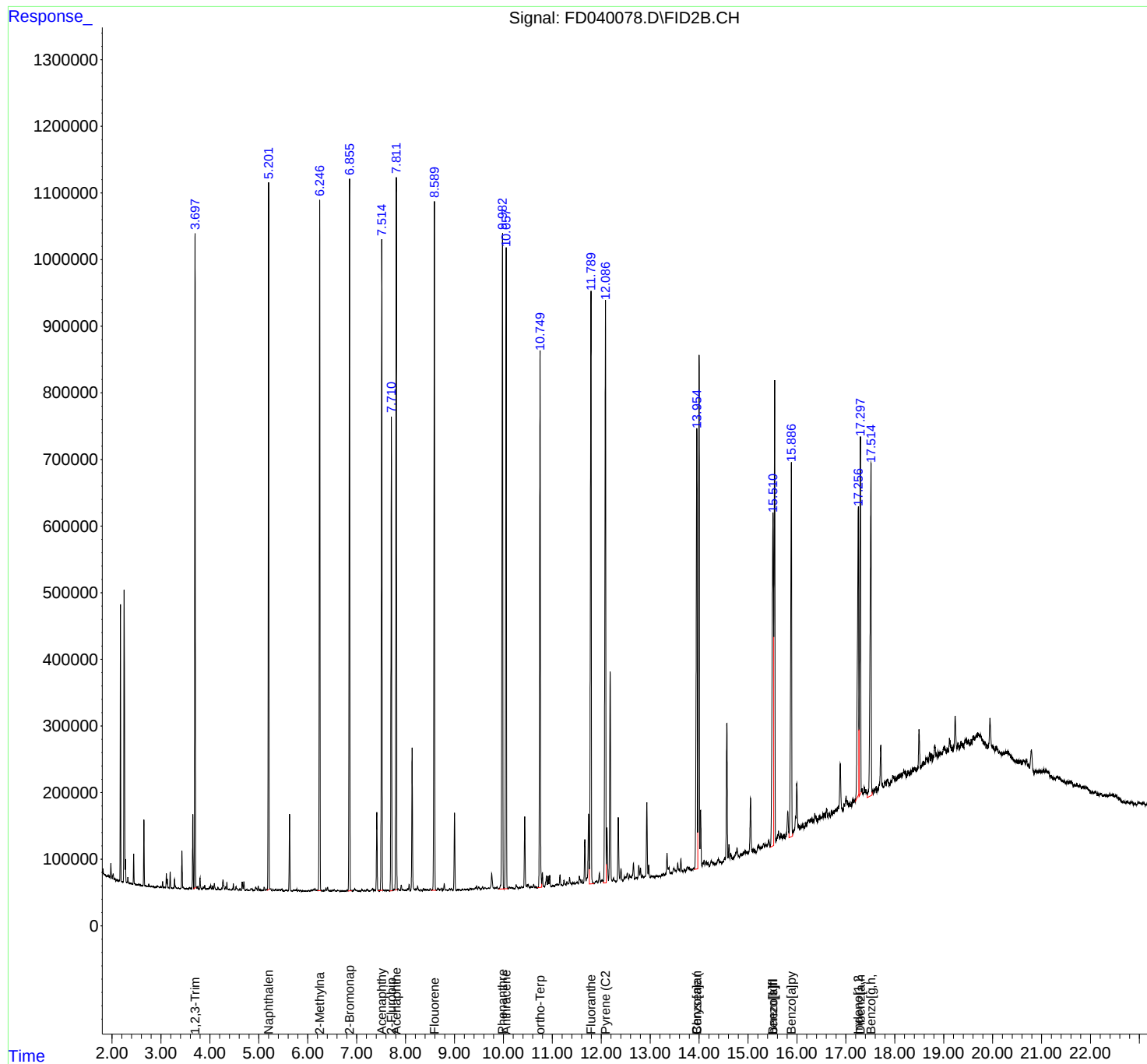
(f)=RT Delta > 1/2 Window

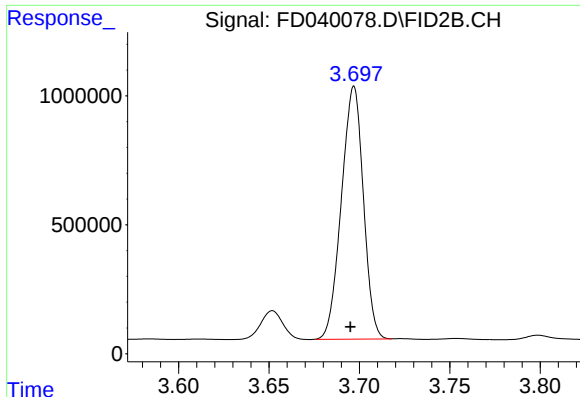
(m)=manual int.

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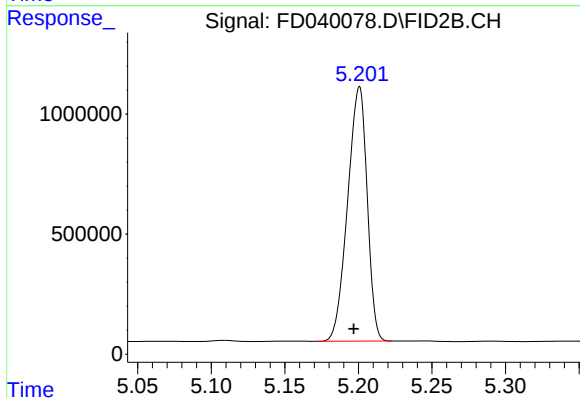
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Signal Info : 20M x 0.18mm x 0.18µm





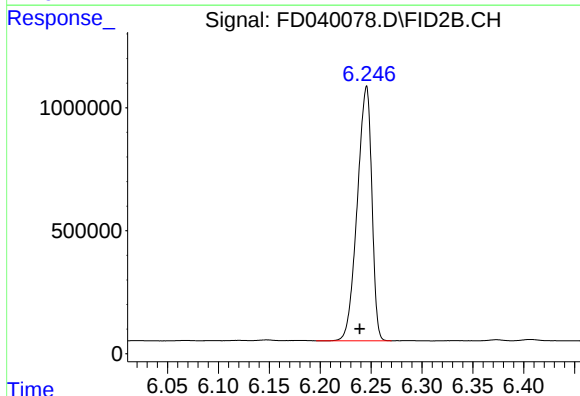
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.697 min
Delta R.T.: 0.002 min
Response: 8300229
Conc: 57.31 ug/ml m



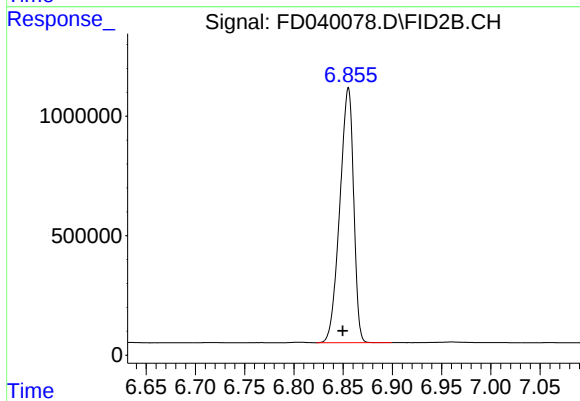
#2 Naphthalene (C11.7)

R.T.: 5.201 min
Delta R.T.: 0.004 min
Response: 9798306
Conc: 64.78 ug/ml



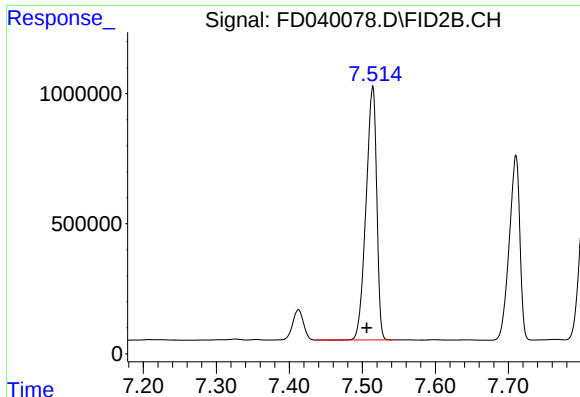
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.246 min
Delta R.T.: 0.007 min
Response: 10279413
Conc: 67.78 ug/ml



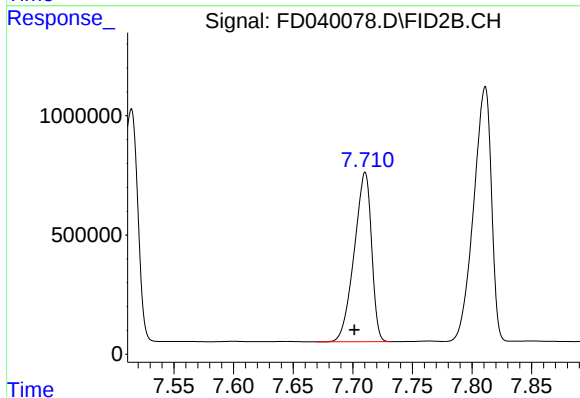
#4 2-Bromonaphthalene (SURR)

R.T.: 6.855 min
Delta R.T.: 0.006 min
Response: 10427123
Conc: 78.13 ug/ml



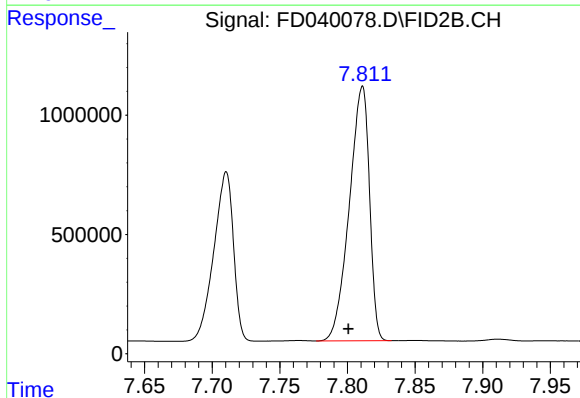
#5 Acenaphthylene (C15.06)

R.T.: 7.514 min
Delta R.T.: 0.008 min
Response: 9899030
Conc: 71.76 ug/ml



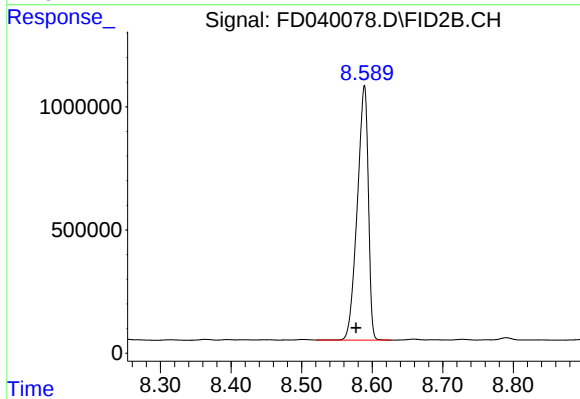
#6 2-Fluorobiphenyl (SURRE)

R.T.: 7.710 min
Delta R.T.: 0.009 min
Response: 7177034
Conc: 79.76 ug/ml



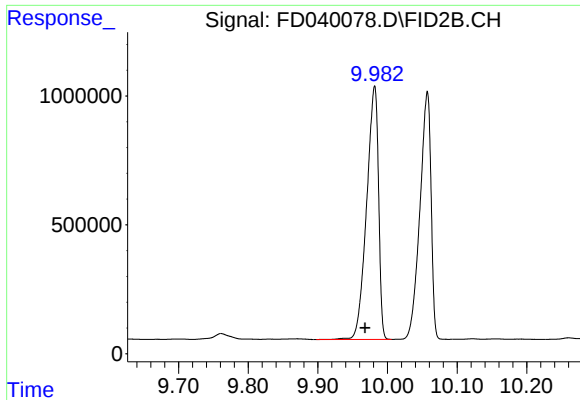
#7 Acenaphthene (C15.5)

R.T.: 7.811 min
Delta R.T.: 0.011 min
Response: 11053804
Conc: 75.59 ug/ml



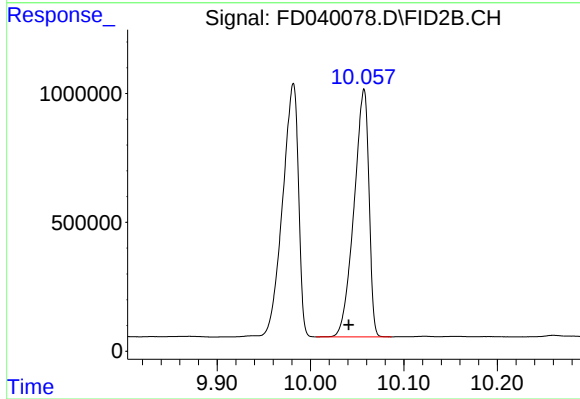
#8 Fluorene (C16.55)

R.T.: 8.589 min
Delta R.T.: 0.012 min
Response: 11201715
Conc: 78.02 ug/ml



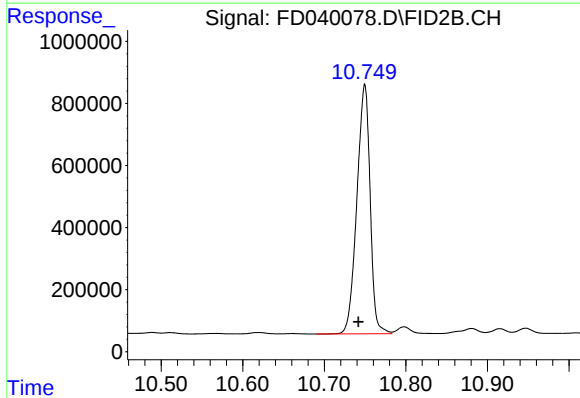
#9 Phenanthrene (C19.36)

R.T.: 9.982 min
Delta R.T.: 0.014 min
Response: 11684306
Conc: 83.73 ug/ml



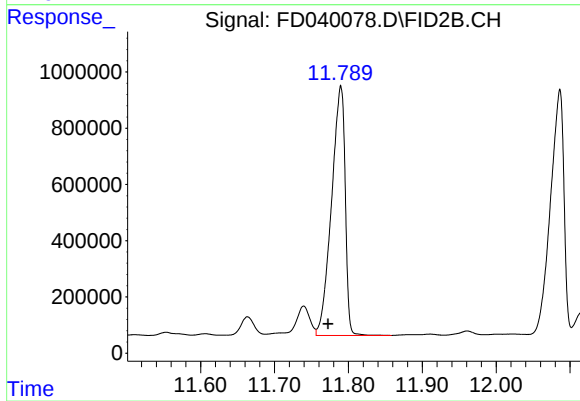
#10 Anthracene (C19.43)

R.T.: 10.057 min
Delta R.T.: 0.017 min
Response: 10696292
Conc: 79.80 ug/ml



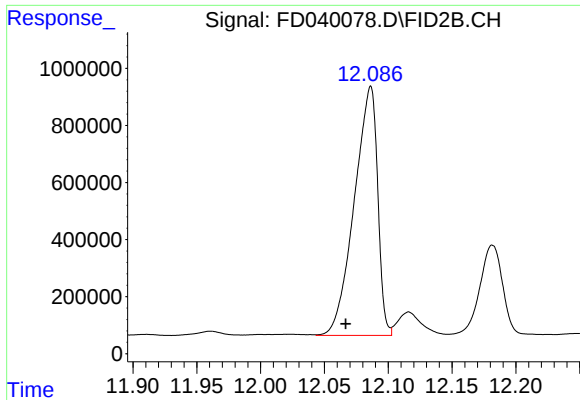
#11 ortho-Terphenyl (SURR)

R.T.: 10.750 min
Delta R.T.: 0.008 min
Response: 9066846
Conc: 65.89 ug/ml



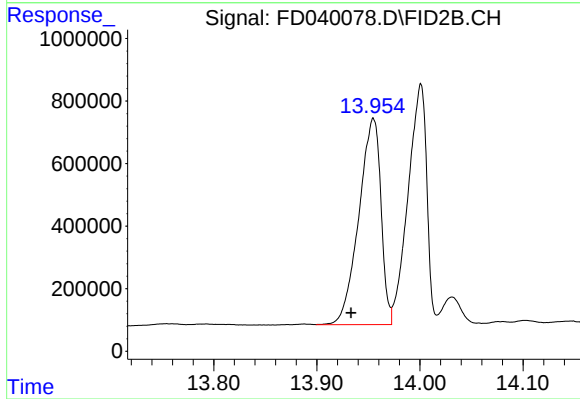
#12 Fluoranthene (C21.85)

R.T.: 11.790 min
Delta R.T.: 0.017 min
Response: 11404339
Conc: 84.14 ug/ml



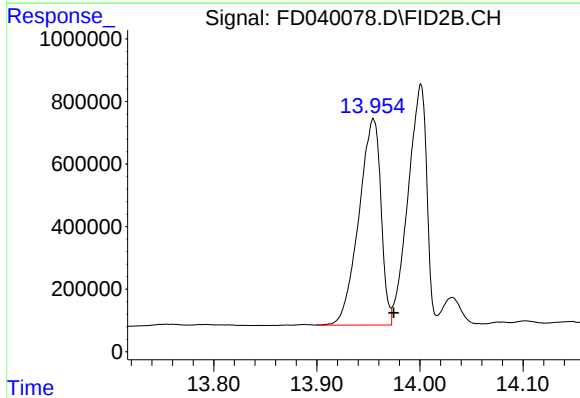
#13 Pyrene (C20.8)

R.T.: 12.086 min
Delta R.T.: 0.019 min
Response: 11116357
Conc: 84.50 ug/ml



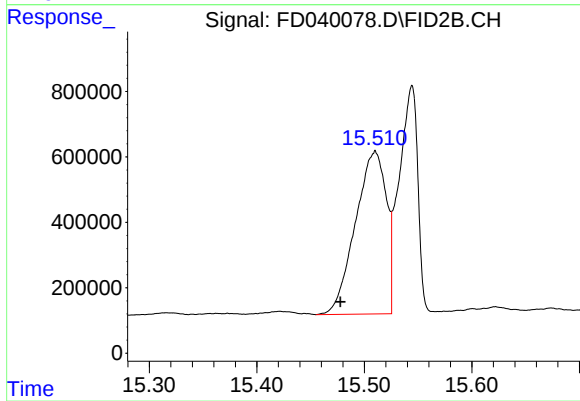
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.955 min
Delta R.T.: 0.022 min
Response: 9820928
Conc: 81.38 ug/ml



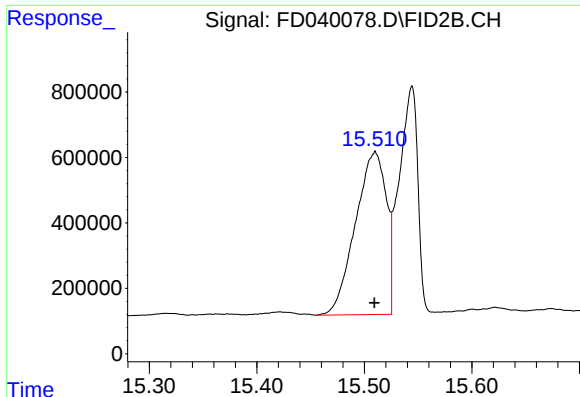
#15 Chrysene (C27.41)

R.T.: 13.955 min
Delta R.T.: -0.020 min
Response: 9820928
Conc: 77.99 ug/ml



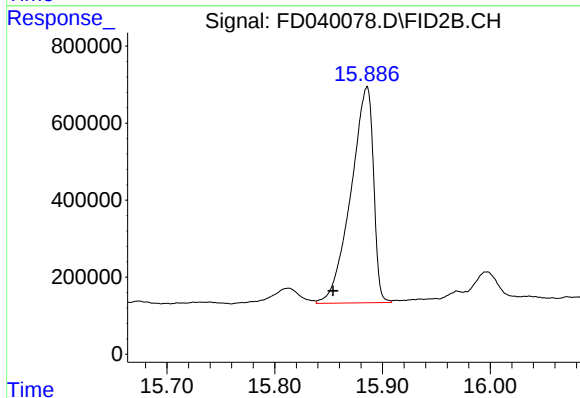
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.510 min
Delta R.T.: 0.032 min
Response: 9912098
Conc: 80.51 ug/ml



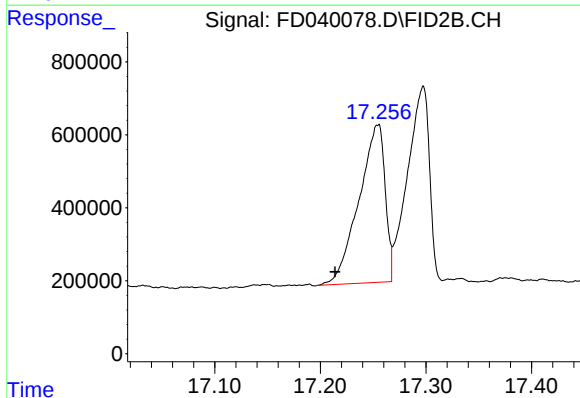
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.510 min
Delta R.T.: 0.000 min
Response: 9912098
Conc: 81.30 ug/ml



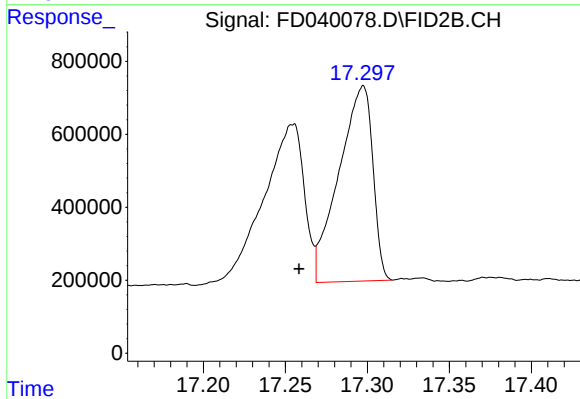
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.886 min
Delta R.T.: 0.032 min
Response: 8143292
Conc: 67.60 ug/ml



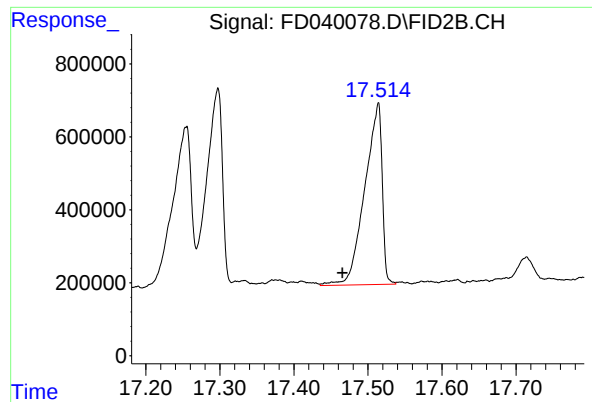
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.256 min
Delta R.T.: 0.041 min
Response: 7462347
Conc: 63.22 ug/ml m



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

R.T.: 17.297 min
Delta R.T.: 0.039 min
Response: 7678334
Conc: 66.25 ug/ml m



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

R.T.: 17.514 min
Delta R.T.: 0.048 min
Response: 8095292
Conc: 67.07 ug/ml