

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111720AR\
 Data File : FD035577.D
 Signal(s) : FID2B.CH
 Acq On : 17 Nov 2020 22:15
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 18 00:33:15 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...	7.628	2124322	18.316 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
6) S 2-Fluorobiphenyl (SURR)	8.495	1419334	17.638 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.28%
11) S ortho-Terphenyl (SURR)	11.531	2408511	17.331 ug/ml
Spiked Amount 50.000		Recovery =	34.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.425	2469470	19.145 ug/ml
2) T Naphthalene (C11.7)	5.967	2509432	18.533 ug/ml
3) T 2-Methylnaphthalene (...)	7.020	2506529	18.388 ug/ml
5) T Acenaphthylene (C15.06)	8.297	2375857	17.623 ug/ml
7) T Acenaphthene (C15.5)	8.591	2478737	17.855 ug/ml
8) T Flouorene (C16.55)	9.374	2344967	17.685 ug/ml
9) T Phenanthrene (C19.36)	10.772	2268112	17.158 ug/ml
10) T Anthracene (C19.43)	10.848	2265963	16.760 ug/ml
12) T Fluoranthene (C21.85)	12.586	2229219	16.594 ug/ml
13) T Pyrene (C20.8)	12.883	2166807	16.293 ug/ml
14) T Benzo[a]anthracene (C...	14.757	2071233	17.405 ug/ml
15) T Chrysene (C27.41)	14.800	2214581	16.721 ug/ml
16) T benzo[b]fluoranthene ...	16.311	2160611	18.283 ug/ml
17) T Bnezo[k]fluoranthene ...	16.343	2146054	17.633 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.691	1994827	18.239 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.062	1970489	19.280 ug/ml
20) T Dibenz[a,h]anthracene...	18.096	2124842	18.577 ug/ml
21) T Benzo[g,h,i]perylene ...	18.316	2108218	19.691 ug/ml

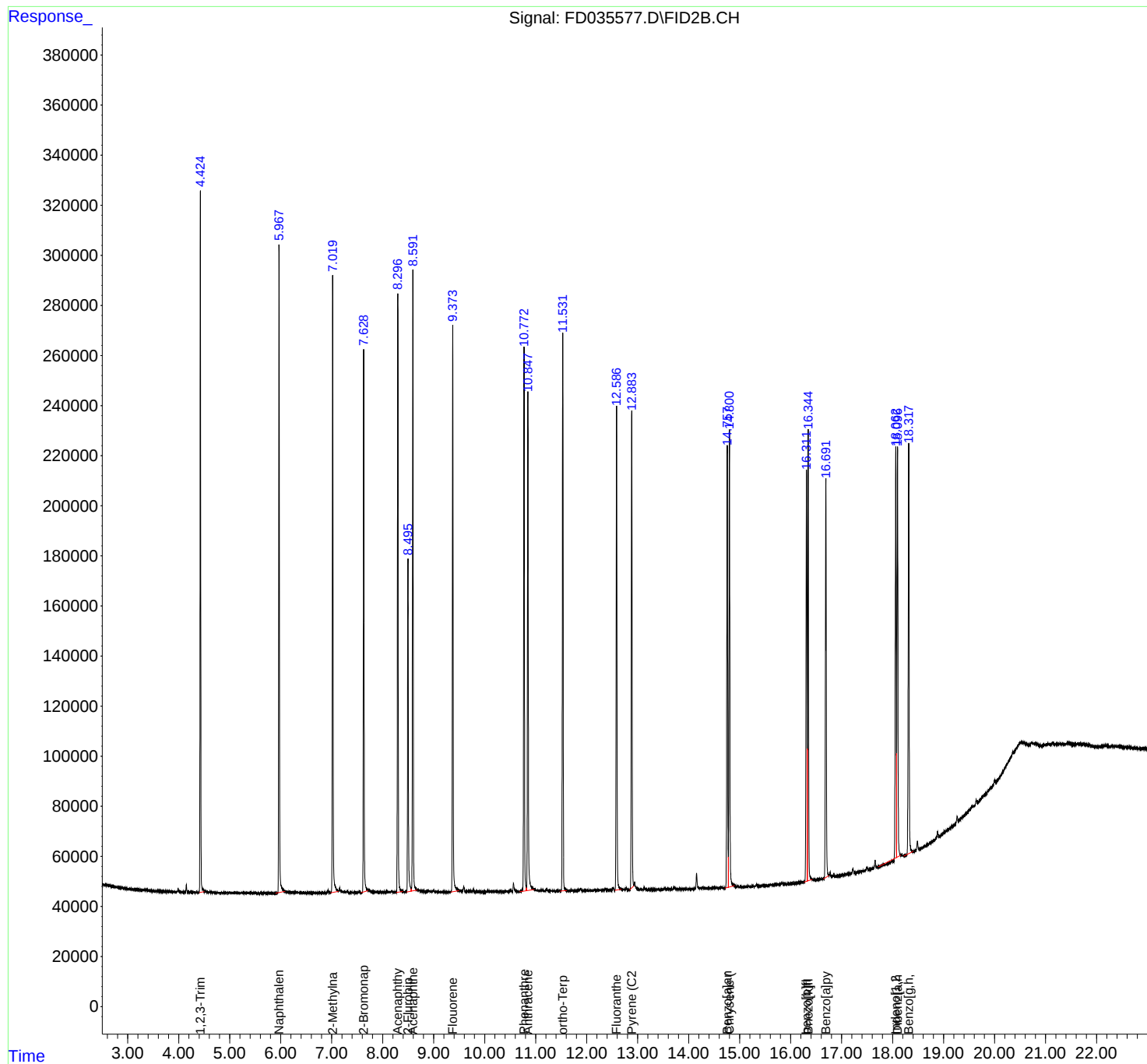
(f)=RT Delta > 1/2 Window

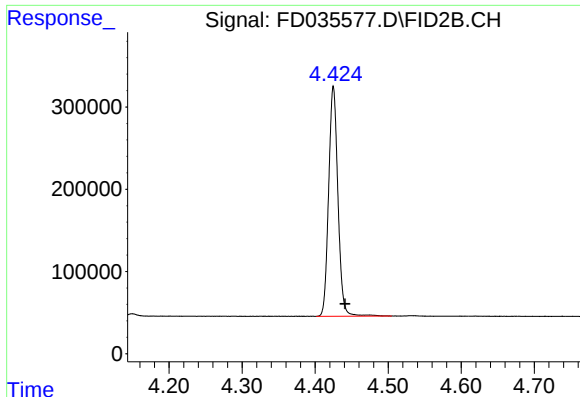
(m)=manual int.

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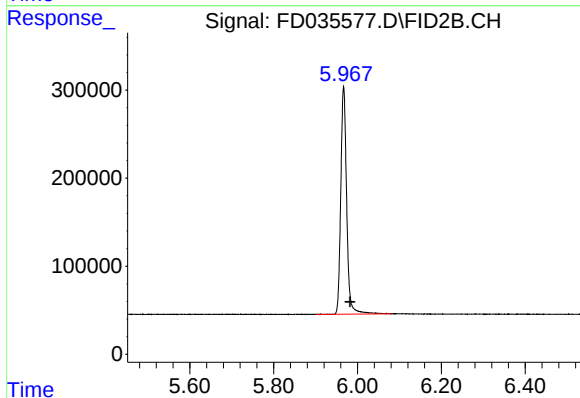
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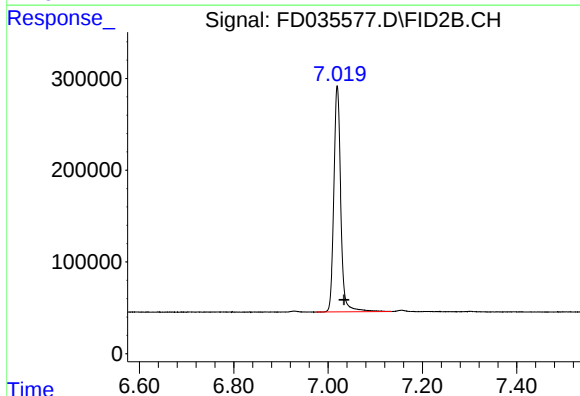
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.425 min
Delta R.T.: -0.016 min
Response: 2469470
Conc: 19.15 ug/ml



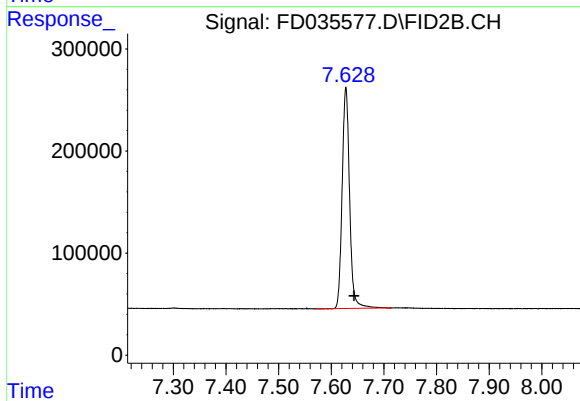
#2 Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.015 min
Response: 2509432
Conc: 18.53 ug/ml



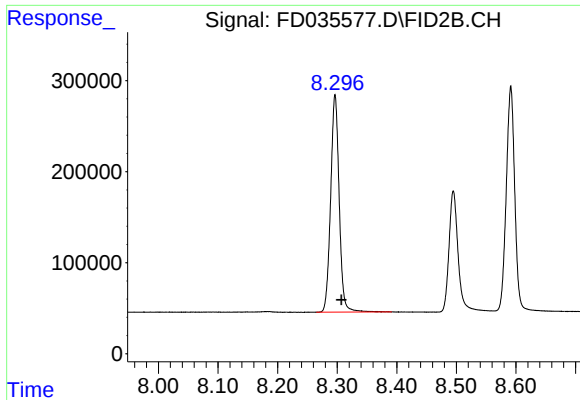
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.020 min
Delta R.T.: -0.014 min
Response: 2506529
Conc: 18.39 ug/ml



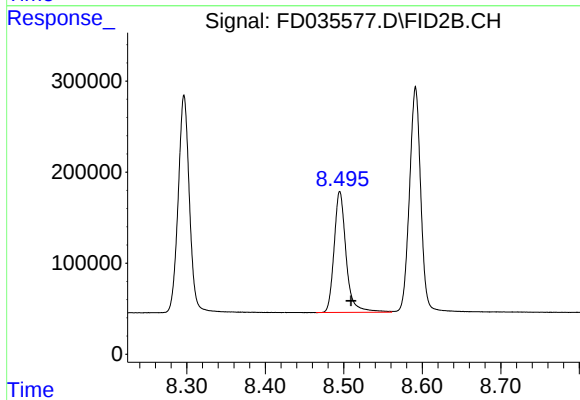
#4 2-Bromonaphthalene (SURR)

R.T.: 7.628 min
Delta R.T.: -0.016 min
Response: 2124322
Conc: 18.32 ug/ml



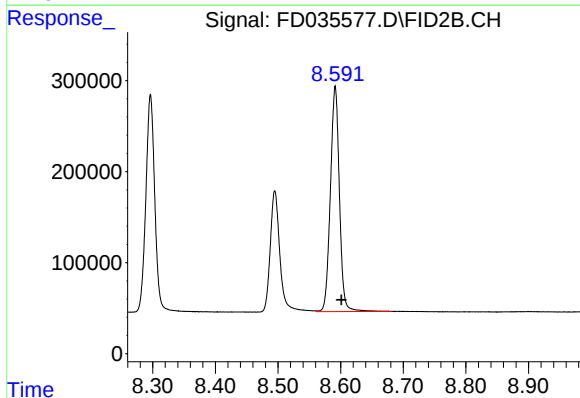
#5 Acenaphthylene (C15.06)

R.T.: 8.297 min
Delta R.T.: -0.011 min
Response: 2375857
Conc: 17.62 ug/ml



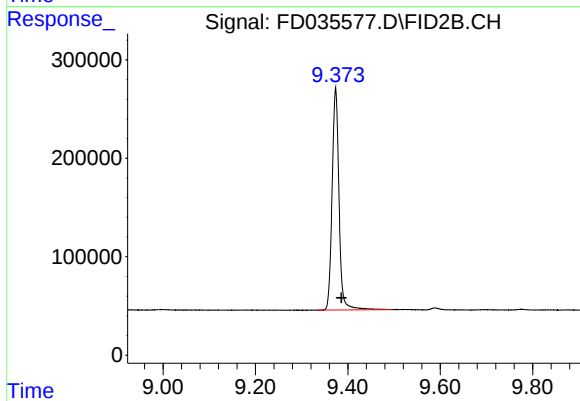
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.495 min
Delta R.T.: -0.014 min
Response: 1419334
Conc: 17.64 ug/ml



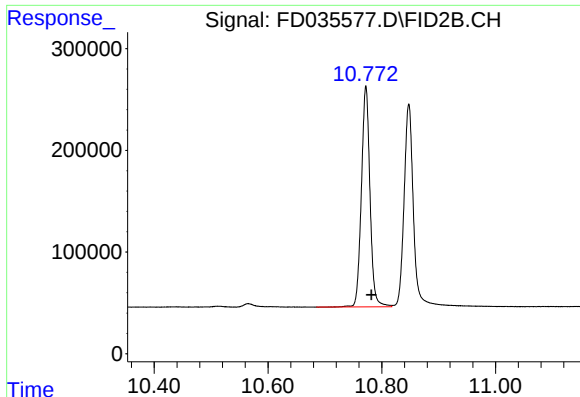
#7 Acenaphthene (C15.5)

R.T.: 8.591 min
Delta R.T.: -0.010 min
Response: 2478737
Conc: 17.86 ug/ml



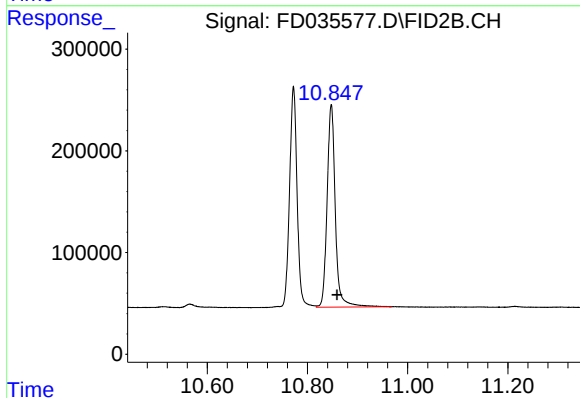
#8 Flouorene (C16.55)

R.T.: 9.374 min
Delta R.T.: -0.013 min
Response: 2344967
Conc: 17.68 ug/ml



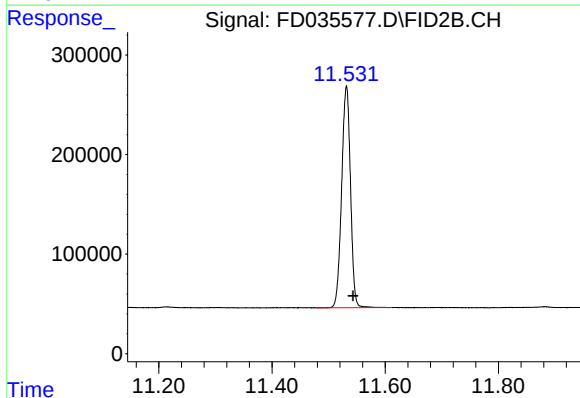
#9 Phenanthrene (C19.36)

R.T.: 10.772 min
Delta R.T.: -0.009 min
Response: 2268112
Conc: 17.16 ug/ml



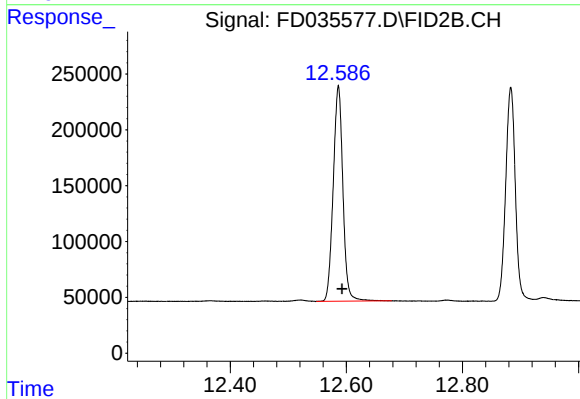
#10 Anthracene (C19.43)

R.T.: 10.848 min
Delta R.T.: -0.011 min
Response: 2265963
Conc: 16.76 ug/ml



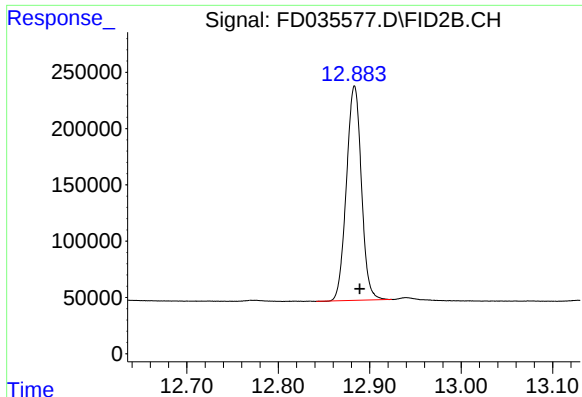
#11 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.011 min
Response: 2408511
Conc: 17.33 ug/ml



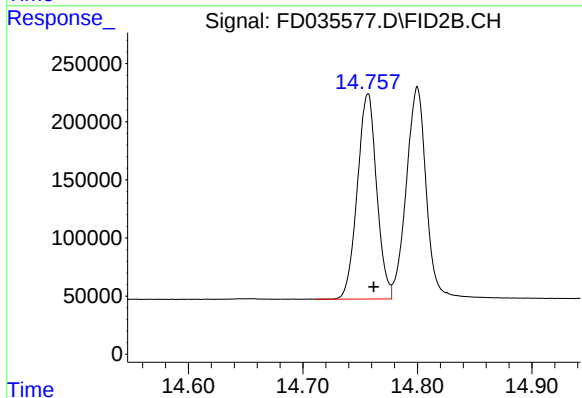
#12 Fluoranthene (C21.85)

R.T.: 12.586 min
Delta R.T.: -0.006 min
Response: 2229219
Conc: 16.59 ug/ml



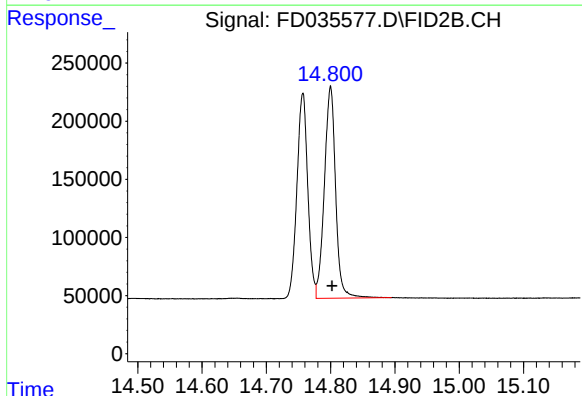
#13 Pyrene (C20.8)

R.T.: 12.883 min
Delta R.T.: -0.006 min
Response: 2166807
Conc: 16.29 ug/ml



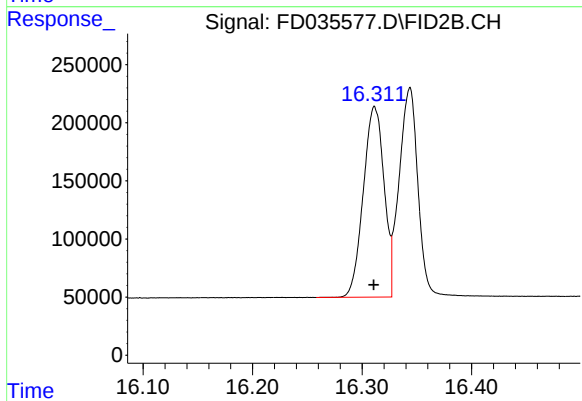
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.757 min
Delta R.T.: -0.005 min
Response: 2071233
Conc: 17.41 ug/ml



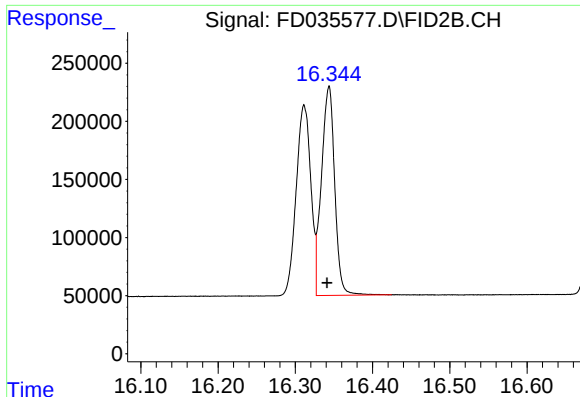
#15 Chrysene (C27.41)

R.T.: 14.800 min
Delta R.T.: -0.003 min
Response: 2214581
Conc: 16.72 ug/ml



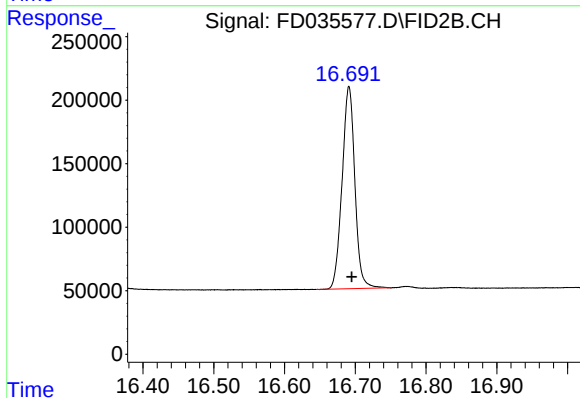
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.311 min
Delta R.T.: 0.000 min
Response: 2160611
Conc: 18.28 ug/ml



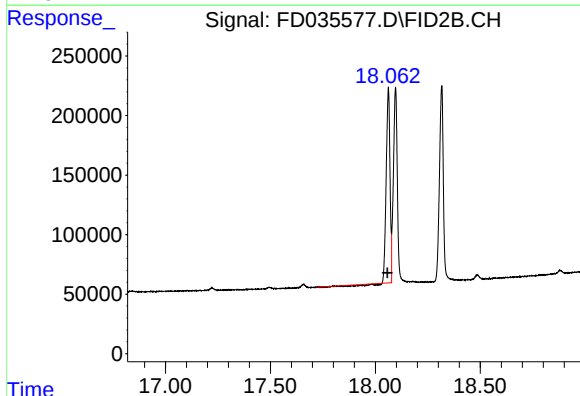
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.343 min
Delta R.T.: 0.002 min
Response: 2146054
Conc: 17.63 ug/ml



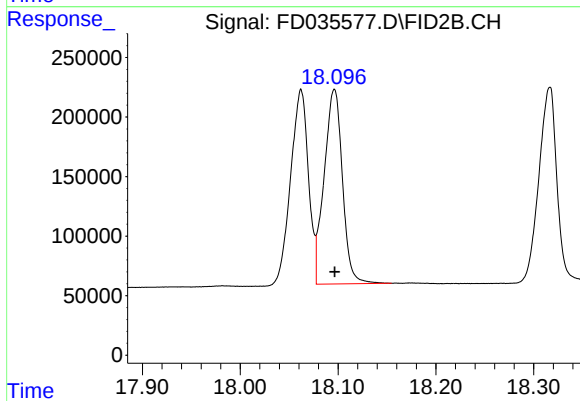
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.691 min
Delta R.T.: -0.004 min
Response: 1994827
Conc: 18.24 ug/ml



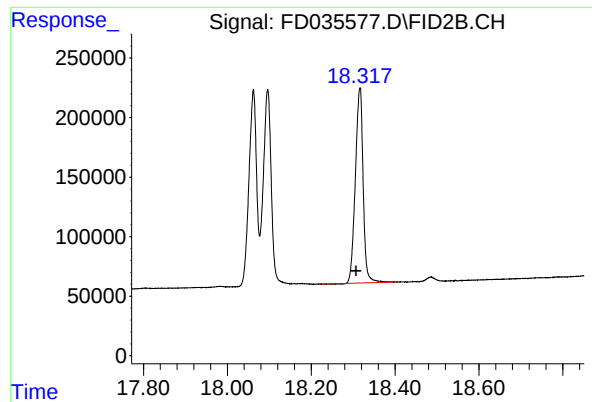
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.062 min
Delta R.T.: 0.004 min
Response: 1970489
Conc: 19.28 ug/ml



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

R.T.: 18.096 min
Delta R.T.: 0.000 min
Response: 2124842
Conc: 18.58 ug/ml



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

R.T.: 18.316 min
Delta R.T.: 0.009 min
Response: 2108218
Conc: 19.69 ug/ml