

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AR\
 Data File : FD038230.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jul 2021 00:52
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 04:52:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.522	2806542	21.534 ug/ml
Spiked Amount 50.000		Recovery =	43.07%
6) S 2-Fluorobiphenyl (SURR)	8.384	1811973	20.476 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.95%
11) S ortho-Terphenyl (SURR)	11.420	2972575	19.615 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.326	3045928	21.504 ug/ml
2) T Naphthalene (C11.7)	5.861	3173912	21.468 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	3166987	21.579 ug/ml
5) T Acenaphthylene (C15.06)	8.186	2943322	19.731 ug/ml
7) T Acenaphthene (C15.5)	8.481	3082308	19.907 ug/ml
8) T Fluorene (C16.55)	9.262	2896923	19.762 ug/ml
9) T Phenanthrene (C19.36)	10.657	2728652	18.876 ug/ml
10) T Anthracene (C19.43)	10.732	2377513	16.806 ug/ml
12) T Fluoranthene (C21.85)	12.469	2617384	18.067 ug/ml
13) T Pyrene (C20.8)	12.766	2584623	18.139 ug/ml
14) T Benzo[a]anthracene (C...	14.638	2426762	19.007 ug/ml
15) T Chrysene (C27.41)	14.681	2607893	18.421 ug/ml
16) T benzo[b]fluoranthene ...	16.193	2572042	20.626 ug/ml
17) T Bnezo[k]fluoranthene ...	16.224	2557967	19.500 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.571	2303405	19.636 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.942	2487469	24.033 ug/ml
20) T Dibenz[a,h]anthracene...	17.976	2640338	22.401 ug/ml
21) T Benzo[g,h,i]perylene ...	18.197	2549054	23.353 ug/ml

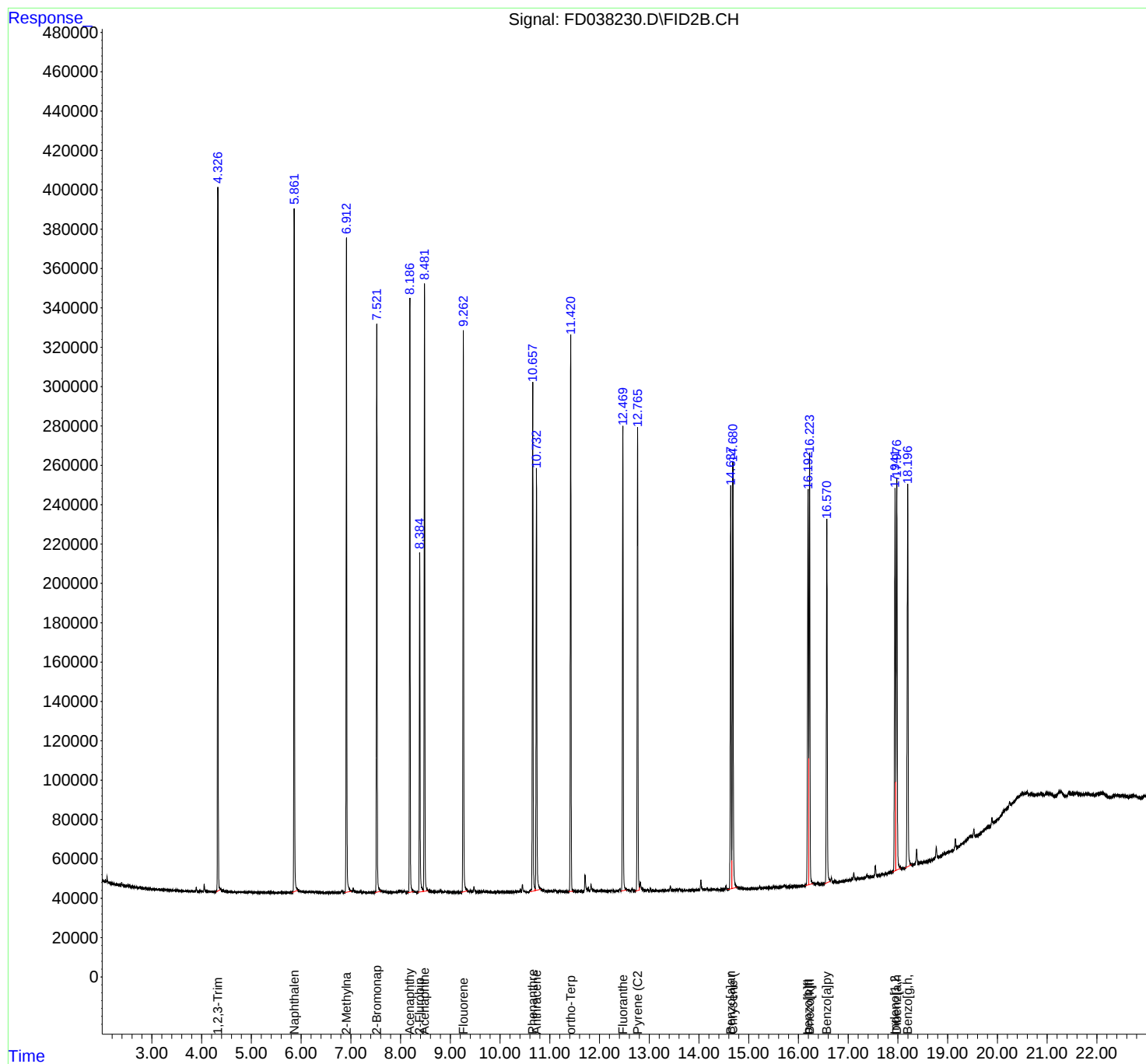
(f)=RT Delta > 1/2 Window

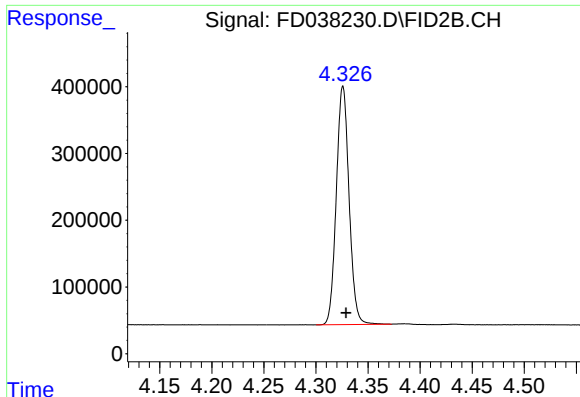
(m)=manual int.

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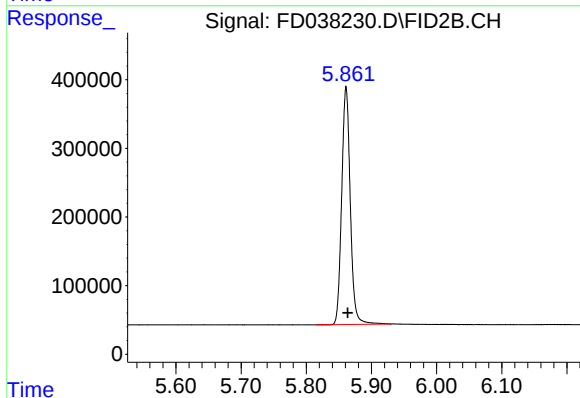
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





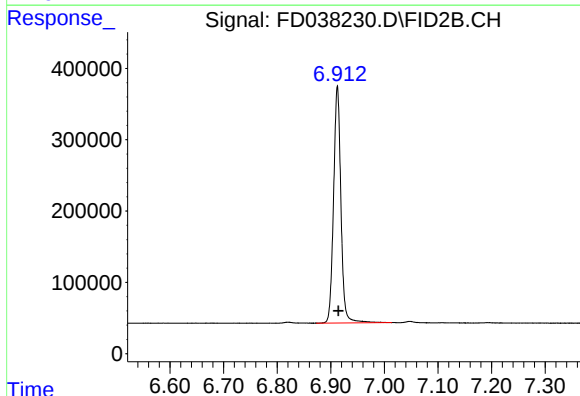
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.326 min
Delta R.T.: -0.003 min
Response: 3045928
Conc: 21.50 ug/ml



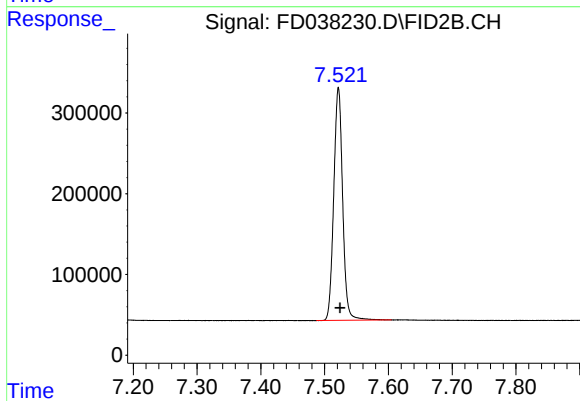
#2 Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: -0.003 min
Response: 3173912
Conc: 21.47 ug/ml



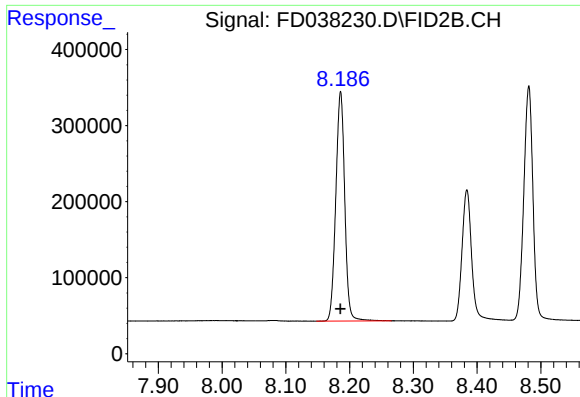
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.002 min
Response: 3166987
Conc: 21.58 ug/ml



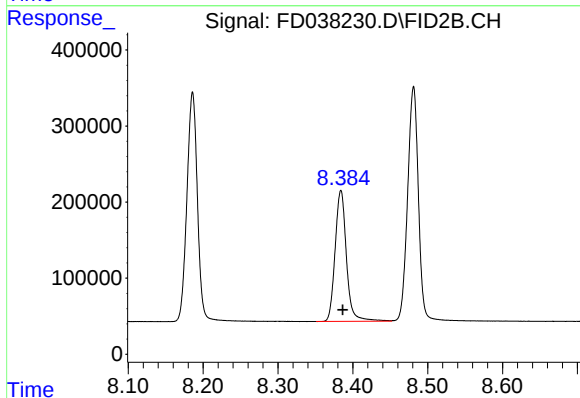
#4 2-Bromonaphthalene (SURR)

R.T.: 7.522 min
Delta R.T.: -0.003 min
Response: 2806542
Conc: 21.53 ug/ml



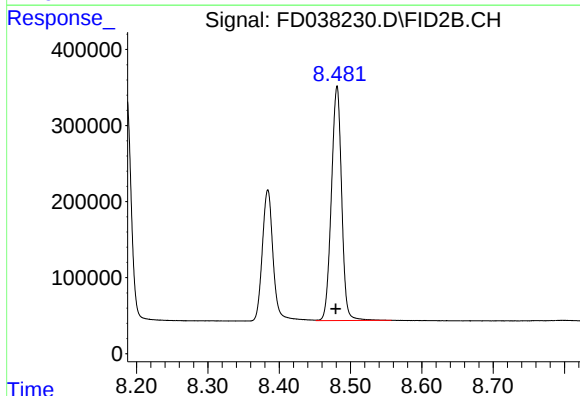
#5 Acenaphthylene (C15.06)

R.T.: 8.186 min
Delta R.T.: 0.000 min
Response: 2943322
Conc: 19.73 ug/ml



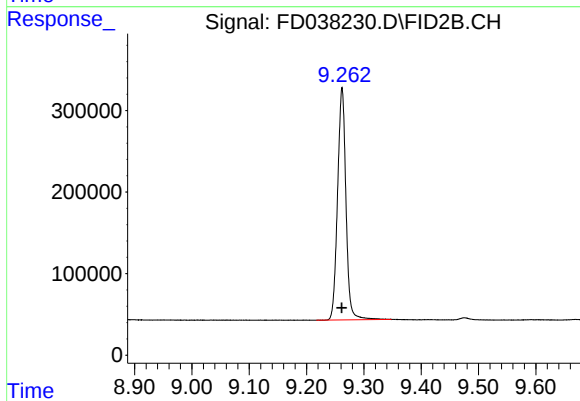
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.384 min
Delta R.T.: -0.002 min
Response: 1811973
Conc: 20.48 ug/ml



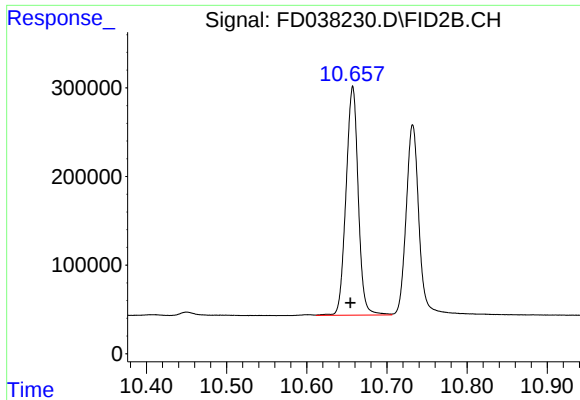
#7 Acenaphthene (C15.5)

R.T.: 8.481 min
Delta R.T.: 0.002 min
Response: 3082308
Conc: 19.91 ug/ml



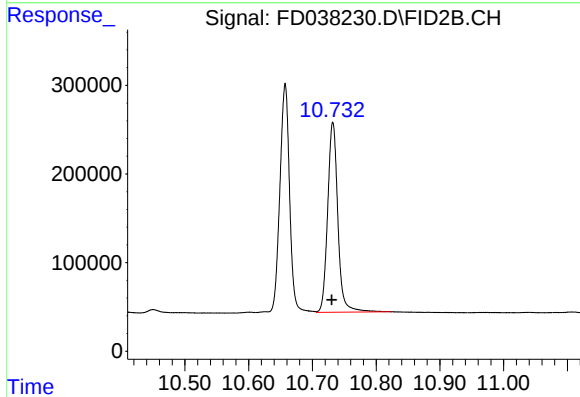
#8 Fluorene (C16.55)

R.T.: 9.262 min
Delta R.T.: 0.000 min
Response: 2896923
Conc: 19.76 ug/ml



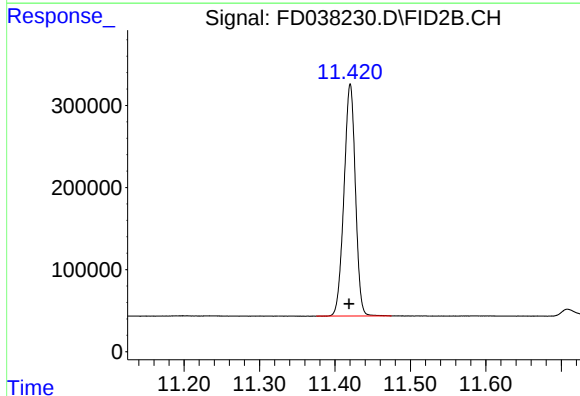
#9 Phenanthrene (C19.36)

R.T.: 10.657 min
Delta R.T.: 0.003 min
Response: 2728652
Conc: 18.88 ug/ml



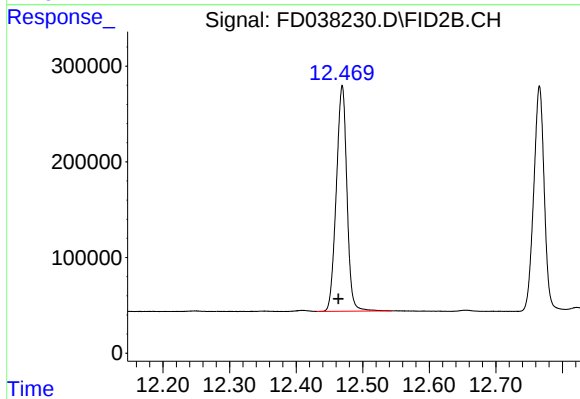
#10 Anthracene (C19.43)

R.T.: 10.732 min
Delta R.T.: 0.002 min
Response: 2377513
Conc: 16.81 ug/ml



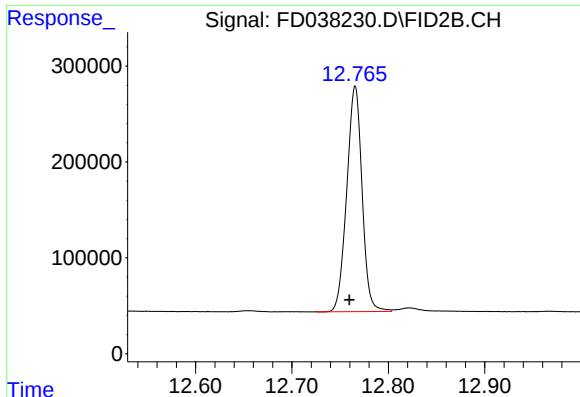
#11 ortho-Terphenyl (SURR)

R.T.: 11.420 min
Delta R.T.: 0.002 min
Response: 2972575
Conc: 19.61 ug/ml



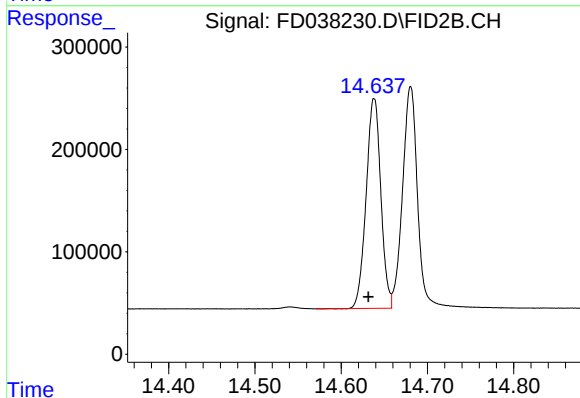
#12 Fluoranthene (C21.85)

R.T.: 12.469 min
Delta R.T.: 0.006 min
Response: 2617384
Conc: 18.07 ug/ml



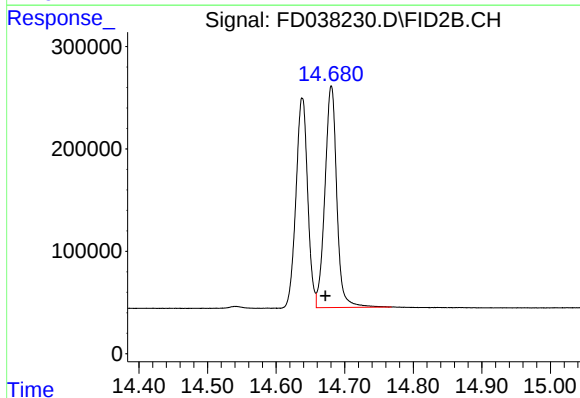
#13 Pyrene (C20.8)

R.T.: 12.766 min
Delta R.T.: 0.006 min
Response: 2584623
Conc: 18.14 ug/ml



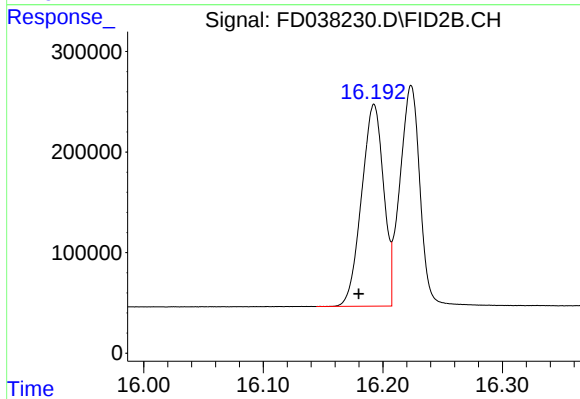
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.007 min
Response: 2426762
Conc: 19.01 ug/ml



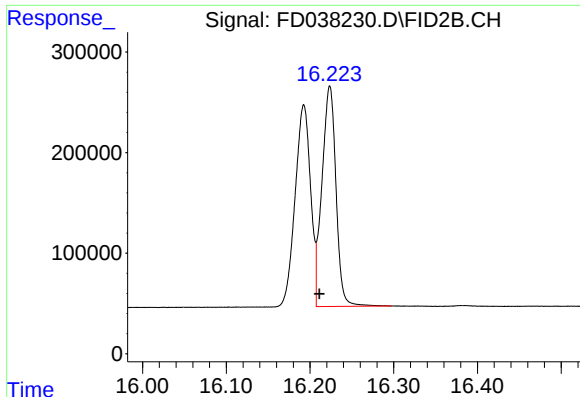
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: 0.009 min
Response: 2607893
Conc: 18.42 ug/ml



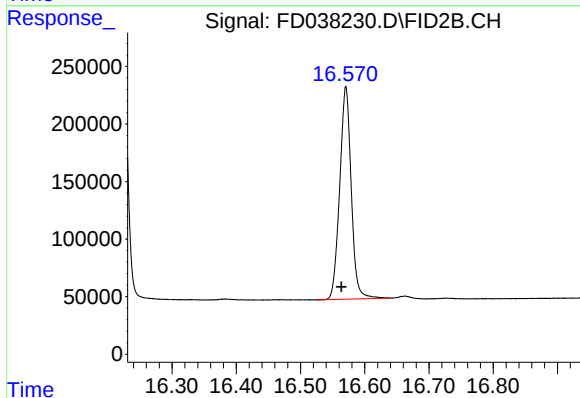
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.193 min
Delta R.T.: 0.013 min
Response: 2572042
Conc: 20.63 ug/ml



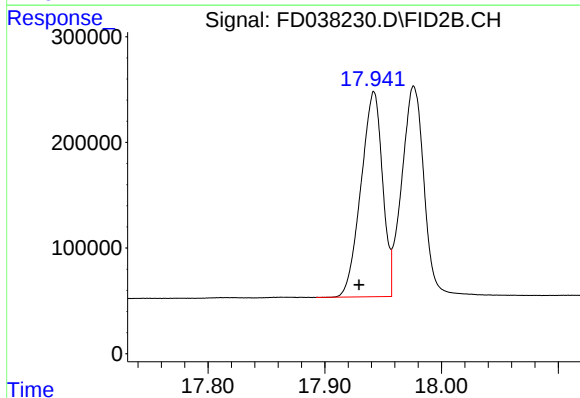
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.224 min
Delta R.T.: 0.013 min
Response: 2557967
Conc: 19.50 ug/ml



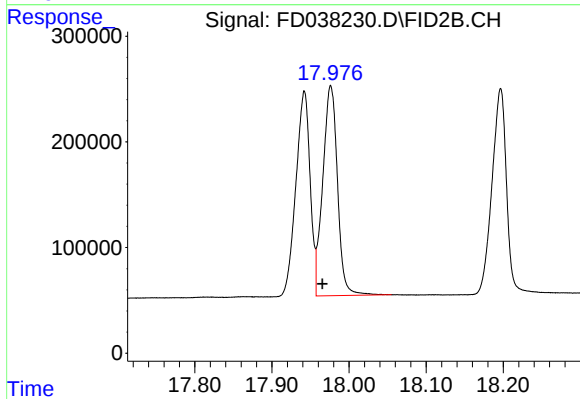
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.571 min
Delta R.T.: 0.007 min
Response: 2303405
Conc: 19.64 ug/ml



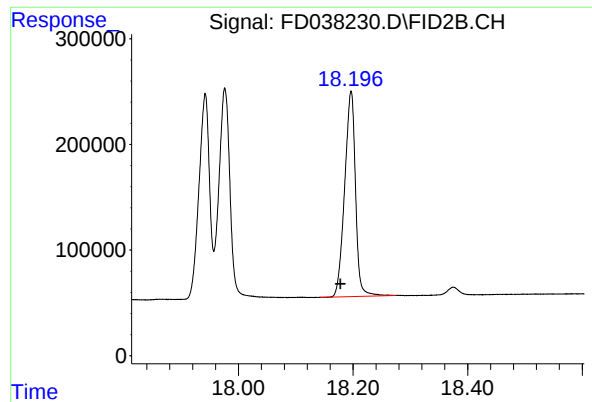
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.942 min
Delta R.T.: 0.013 min
Response: 2487469
Conc: 24.03 ug/ml



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

R.T.: 17.976 min
Delta R.T.: 0.011 min
Response: 2640338
Conc: 22.40 ug/ml



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

R.T.: 18.197 min
Delta R.T.: 0.019 min
Response: 2549054
Conc: 23.35 ug/ml