

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AR\
 Data File : FD038234.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jul 2021 6:04
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 06:47:13 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...	7.520	2932862	22.504 ug/ml
Spiked Amount 50.000		Recovery =	45.01%
6) S 2-Fluorobiphenyl (SURR)	8.382	1887034	21.324 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.65%
11) S ortho-Terphenyl (SURR)	11.418	3080417	20.326 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.324	3205480	22.630 ug/ml
2) T Naphthalene (C11.7)	5.859	3348511	22.649 ug/ml
3) T 2-Methylnaphthalene (...)	6.911	3306302	22.528 ug/ml
5) T Acenaphthylene (C15.06)	8.184	3052312	20.461 ug/ml
7) T Acenaphthene (C15.5)	8.479	3212563	20.748 ug/ml
8) T Fluorene (C16.55)	9.260	3003622	20.490 ug/ml
9) T Phenanthrene (C19.36)	10.655	2794585	19.332 ug/ml
10) T Anthracene (C19.43)	10.730	2427096	17.156 ug/ml
12) T Fluoranthene (C21.85)	12.465	2687788	18.553 ug/ml
13) T Pyrene (C20.8)	12.762	2647679	18.581 ug/ml
14) T Benzo[a]anthracene (C...	14.635	2484979	19.463 ug/ml
15) T Chrysene (C27.41)	14.677	2678934	18.922 ug/ml
16) T benzo[b]fluoranthene ...	16.188	2631202	21.100 ug/ml
17) T Bnezo[k]fluoranthene ...	16.221	2622923	19.995 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.567	2351940	20.050 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.938	2547883	24.616 ug/ml
20) T Dibenz[a,h]anthracene...	17.973	2725456	23.123 ug/ml
21) T Benzo[g,h,i]perylene ...	18.192	2608135	23.895 ug/ml

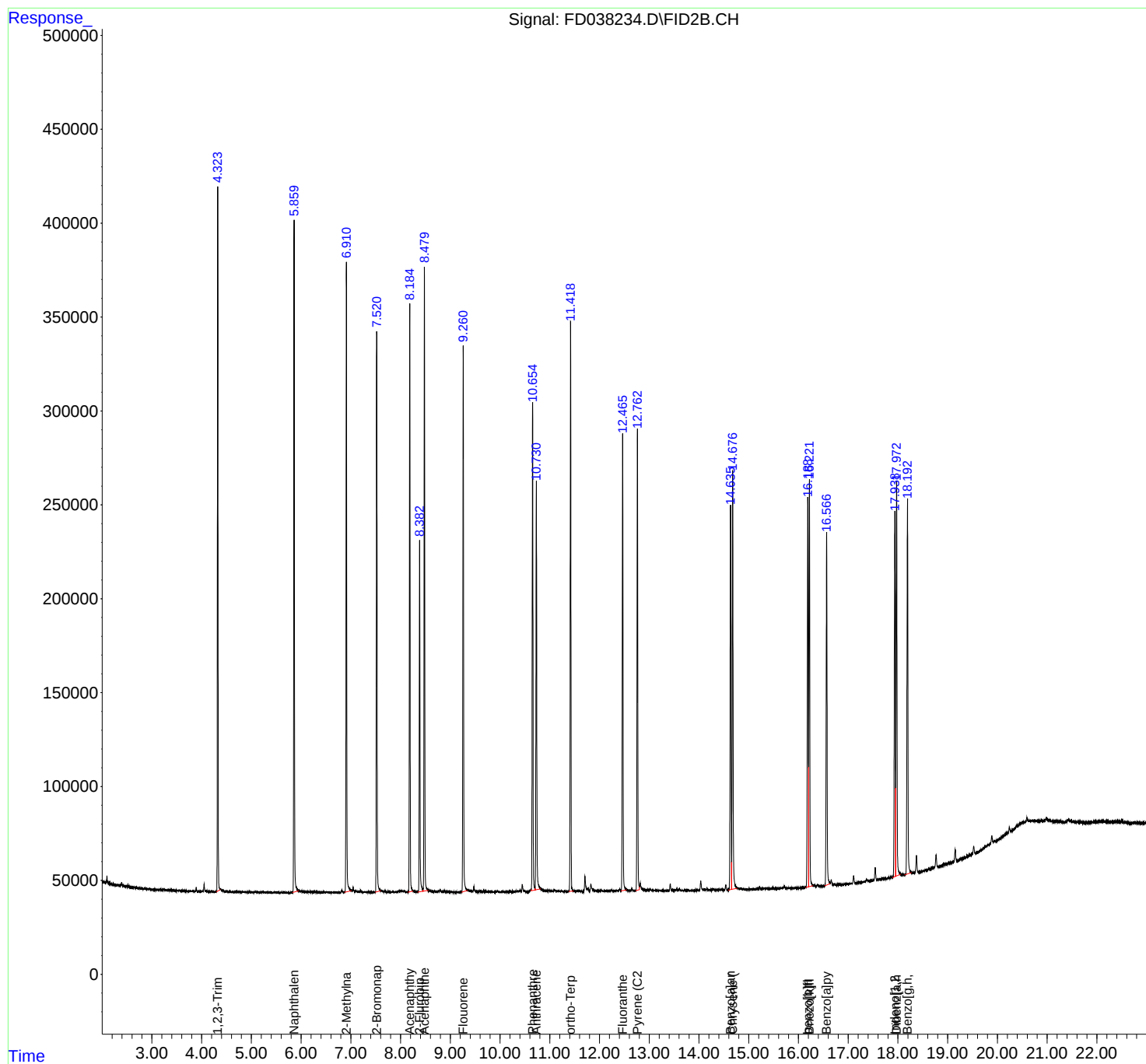
(f)=RT Delta > 1/2 Window

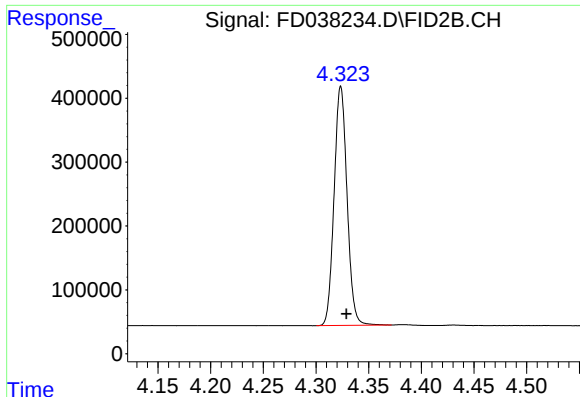
(m)=manual int.

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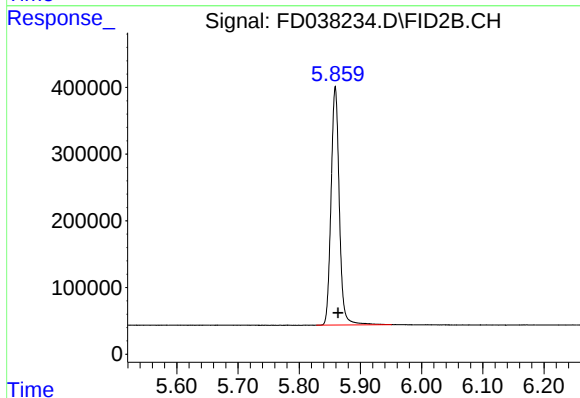
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Signal Info : 20M x 0.18mm x 0.18µm





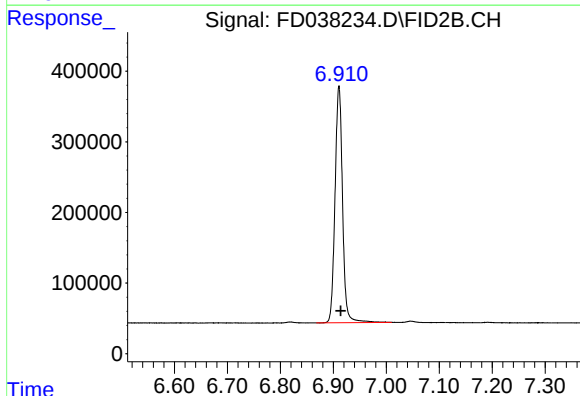
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.324 min
Delta R.T.: -0.005 min
Response: 3205480
Conc: 22.63 ug/ml



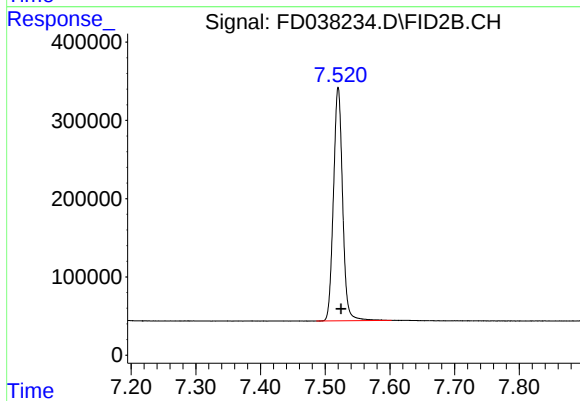
#2 Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: -0.005 min
Response: 3348511
Conc: 22.65 ug/ml



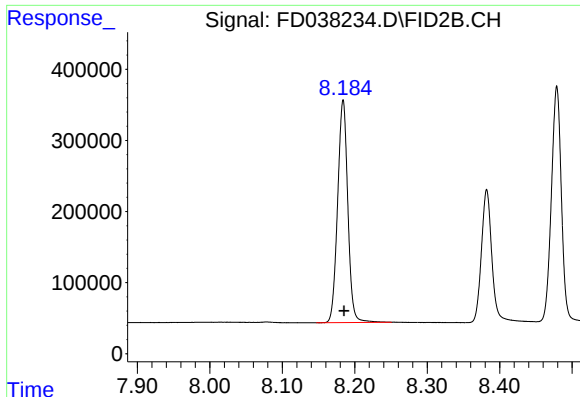
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.911 min
Delta R.T.: -0.003 min
Response: 3306302
Conc: 22.53 ug/ml



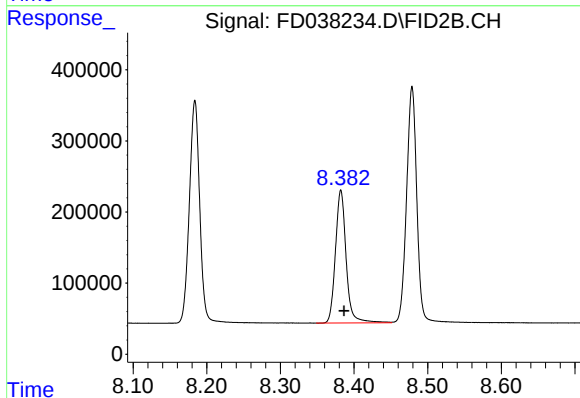
#4 2-Bromonaphthalene (SURR)

R.T.: 7.520 min
Delta R.T.: -0.004 min
Response: 2932862
Conc: 22.50 ug/ml



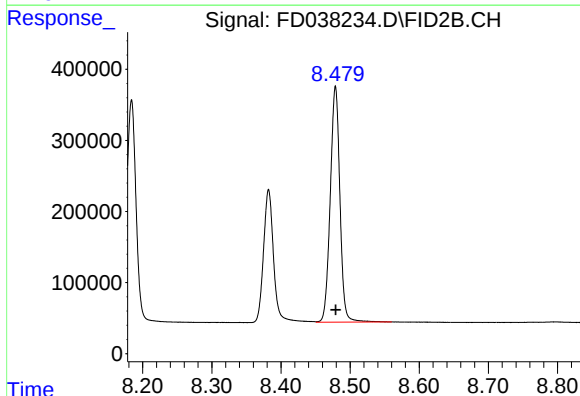
#5 Acenaphthylene (C15.06)

R.T.: 8.184 min
Delta R.T.: -0.001 min
Response: 3052312
Conc: 20.46 ug/ml



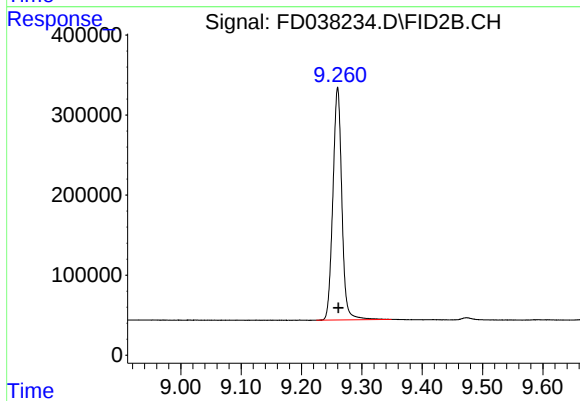
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.382 min
Delta R.T.: -0.004 min
Response: 1887034
Conc: 21.32 ug/ml



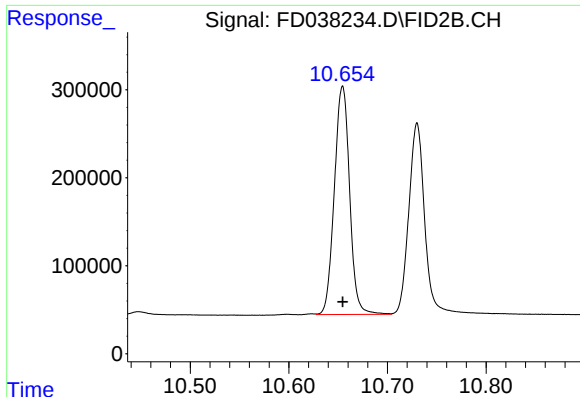
#7 Acenaphthene (C15.5)

R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 3212563
Conc: 20.75 ug/ml



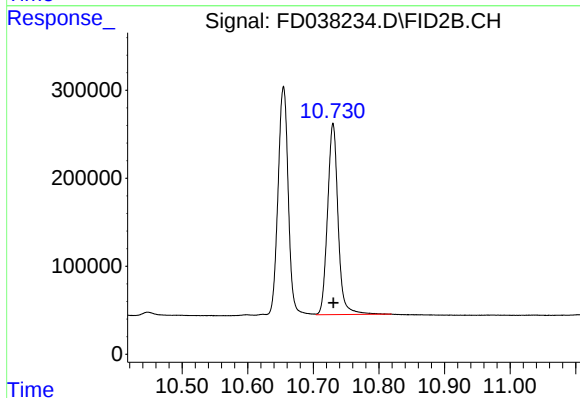
#8 Fluorene (C16.55)

R.T.: 9.260 min
Delta R.T.: -0.001 min
Response: 3003622
Conc: 20.49 ug/ml



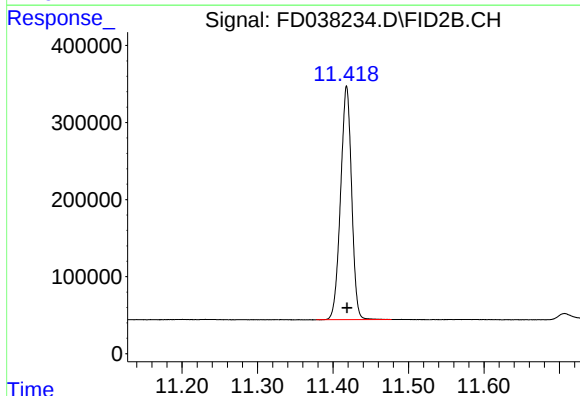
#9 Phenanthrene (C19.36)

R.T.: 10.655 min
Delta R.T.: 0.000 min
Response: 2794585
Conc: 19.33 ug/ml



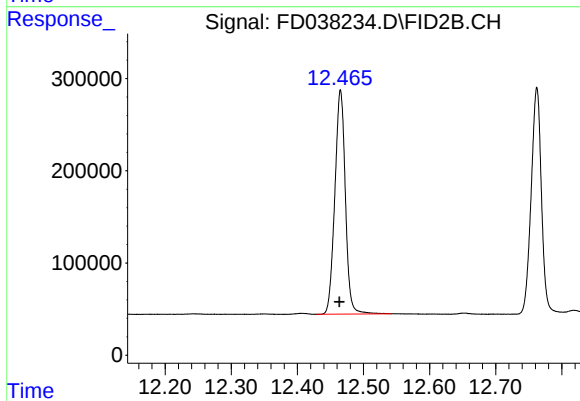
#10 Anthracene (C19.43)

R.T.: 10.730 min
Delta R.T.: 0.000 min
Response: 2427096
Conc: 17.16 ug/ml



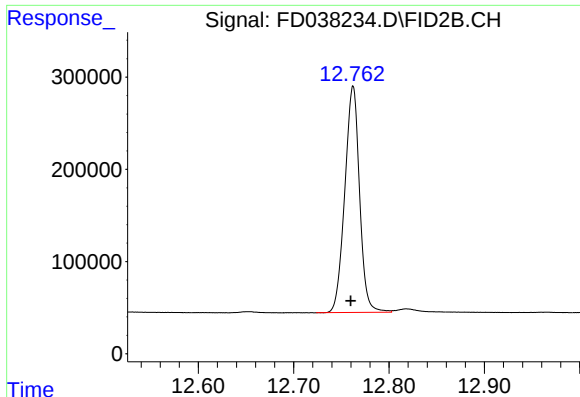
#11 ortho-Terphenyl (SURR)

R.T.: 11.418 min
Delta R.T.: 0.000 min
Response: 3080417
Conc: 20.33 ug/ml



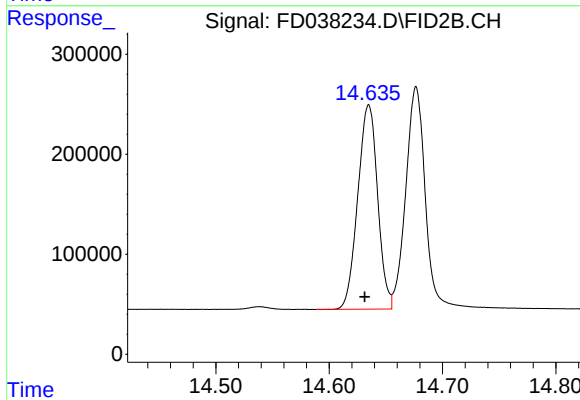
#12 Fluoranthene (C21.85)

R.T.: 12.465 min
Delta R.T.: 0.002 min
Response: 2687788
Conc: 18.55 ug/ml



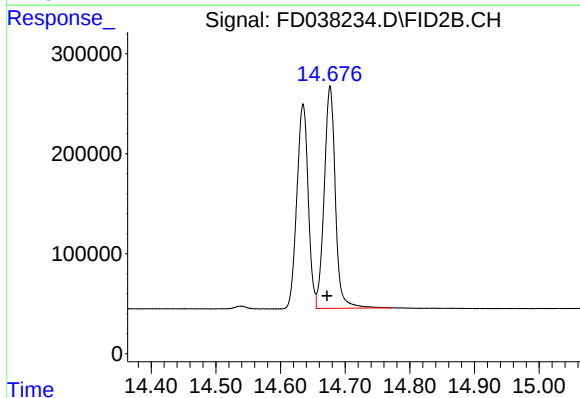
#13 Pyrene (C20.8)

R.T.: 12.762 min
Delta R.T.: 0.003 min
Response: 2647679
Conc: 18.58 ug/ml



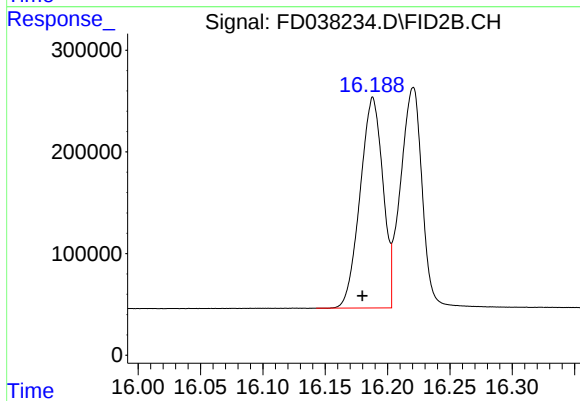
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.635 min
Delta R.T.: 0.003 min
Response: 2484979
Conc: 19.46 ug/ml



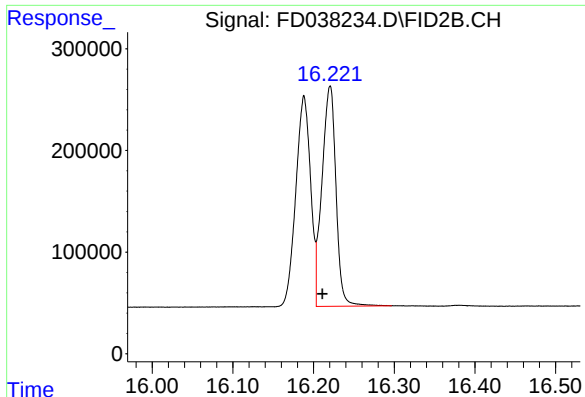
#15 Chrysene (C27.41)

R.T.: 14.677 min
Delta R.T.: 0.005 min
Response: 2678934
Conc: 18.92 ug/ml



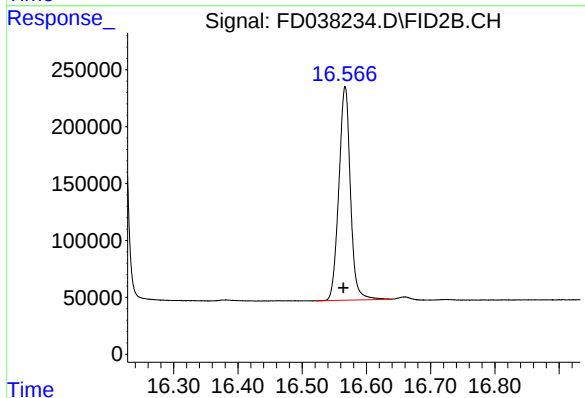
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.188 min
Delta R.T.: 0.008 min
Response: 2631202
Conc: 21.10 ug/ml



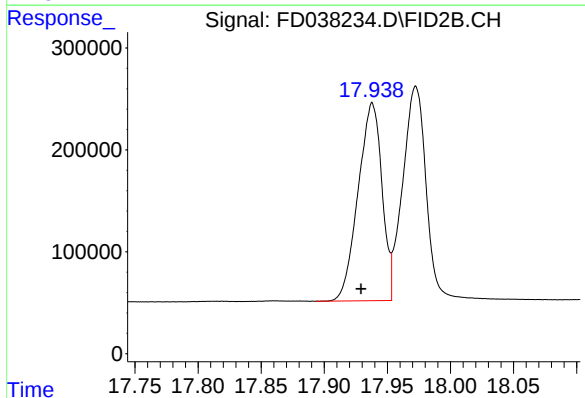
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.221 min
Delta R.T.: 0.009 min
Response: 2622923
Conc: 19.99 ug/ml



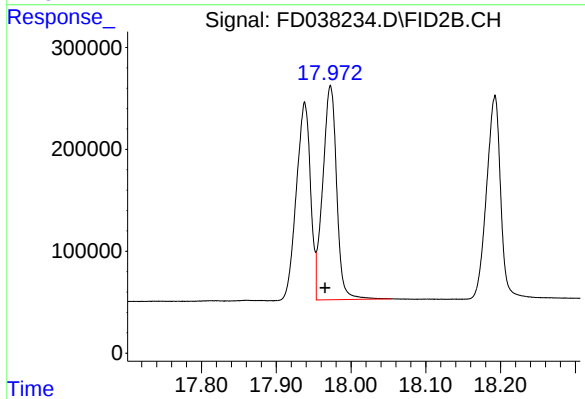
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min
Delta R.T.: 0.003 min
Response: 2351940
Conc: 20.05 ug/ml



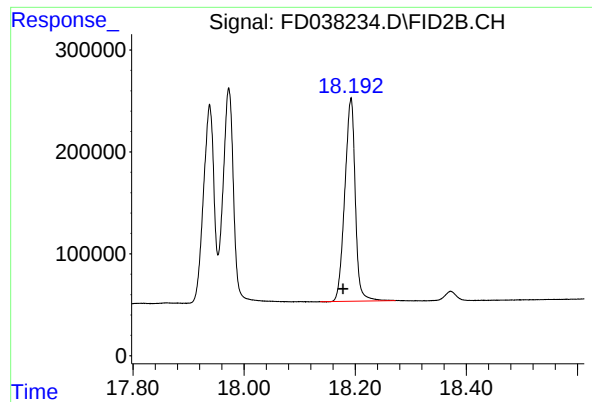
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.938 min
Delta R.T.: 0.009 min
Response: 2547883
Conc: 24.62 ug/ml



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

R.T.: 17.973 min
Delta R.T.: 0.007 min
Response: 2725456
Conc: 23.12 ug/ml



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

R.T.: 18.192 min
Delta R.T.: 0.015 min
Response: 2608135
Conc: 23.89 ug/ml