

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101320AR\
 Data File : FD035022.D
 Signal(s) : FID2B.CH
 Acq On : 14 Oct 2020 4:39
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 14 05:41:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 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...	7.668	2392810	20.527 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
6) S 2-Fluorobiphenyl (SURR)	8.534	1643215	20.015 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.03%
11) S ortho-Terphenyl (SURR)	11.574	2680210	19.546 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.465	2679663	20.638 ug/ml
2) T Naphthalene (C11.7)	6.006	2835131	20.714 ug/ml
3) T 2-Methylnaphthalene (...)	7.059	2827799	20.616 ug/ml
5) T Acenaphthylene (C15.06)	8.336	2670888	19.728 ug/ml
7) T Acenaphthene (C15.5)	8.631	2799182	20.276 ug/ml
8) T Flouorene (C16.55)	9.413	2656023	19.758 ug/ml
9) T Phenanthrene (C19.36)	10.810	2549603	19.089 ug/ml
10) T Anthracene (C19.43)	10.885	2383152	17.647 ug/ml
12) T Fluoranthene (C21.85)	12.624	2409416	18.309 ug/ml
13) T Pyrene (C20.8)	12.921	2285151	17.849 ug/ml
14) T Benzo[a]anthracene (C...	14.793	2019939	17.743 ug/ml
15) T Chrysene (C27.41)	14.835	2168382	17.704 ug/ml
16) T benzo[b]fluoranthene ...	16.343	2001724	18.675 ug/ml
17) T Bnezo[k]fluoranthene ...	16.375	2057551	19.047 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.723	1850405	18.990 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.088	1896345	20.470 ug/ml
20) T Dibenz[a,h]anthracene...	18.125	2119419	20.986 ug/ml
21) T Benzo[g,h,i]perylene ...	18.341	2000424	20.760 ug/ml

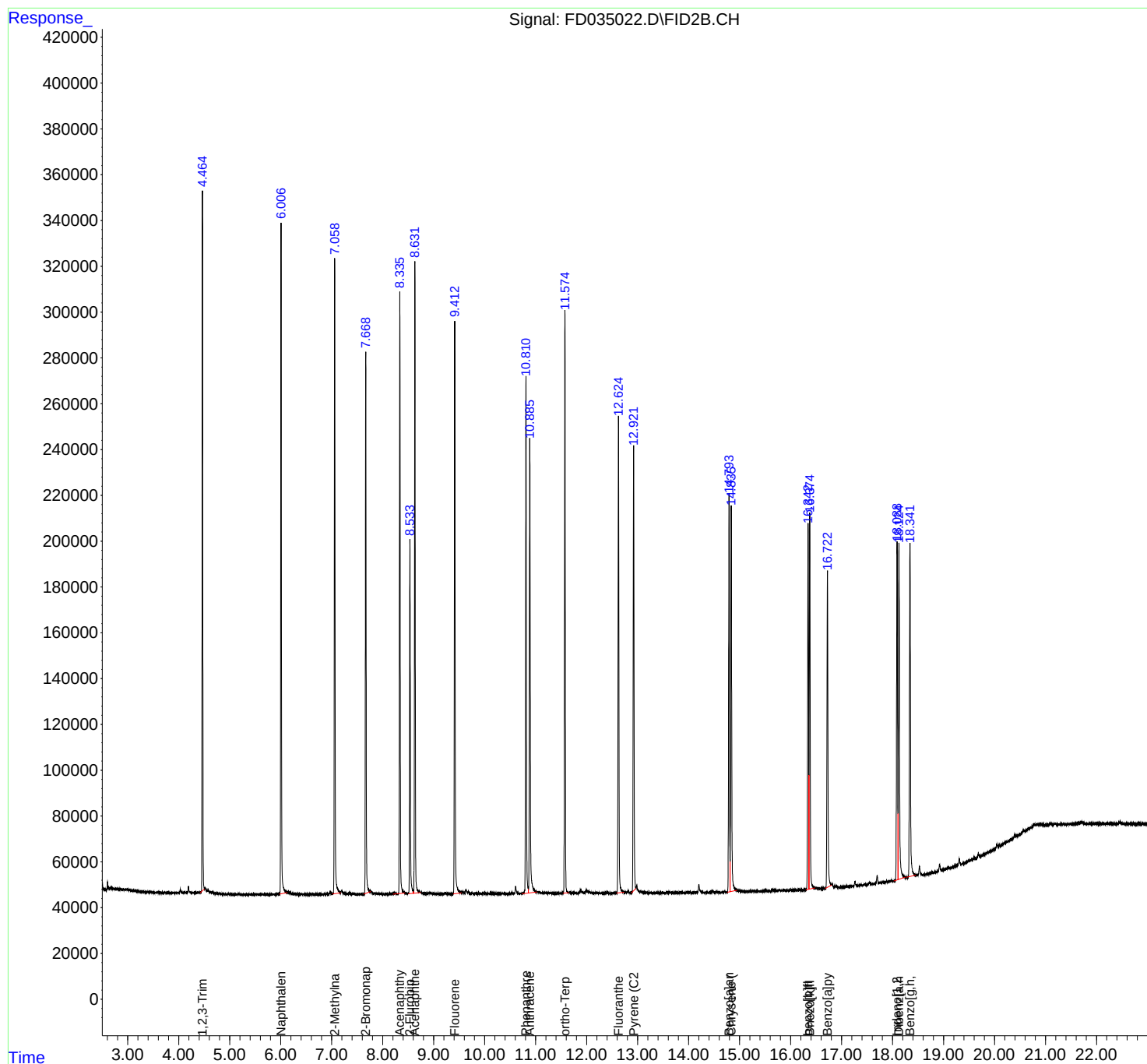
(f)=RT Delta > 1/2 Window

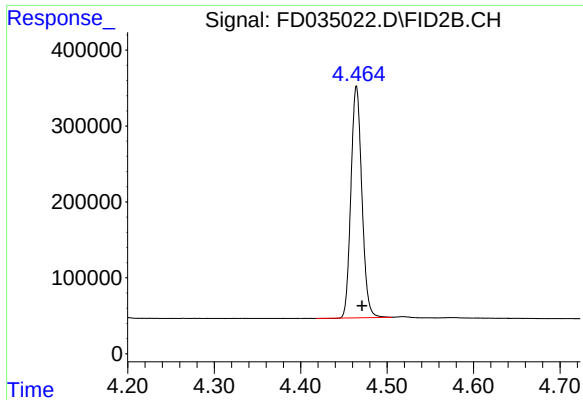
(m)=manual int.

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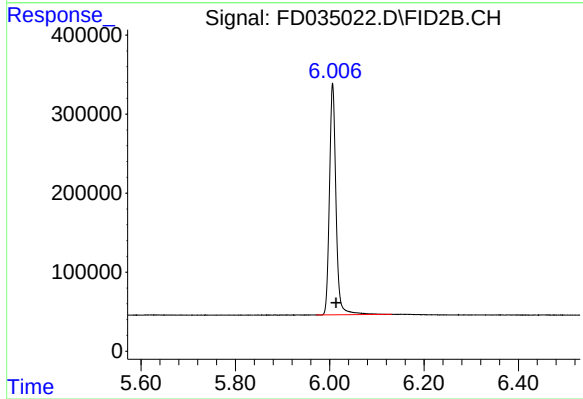
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





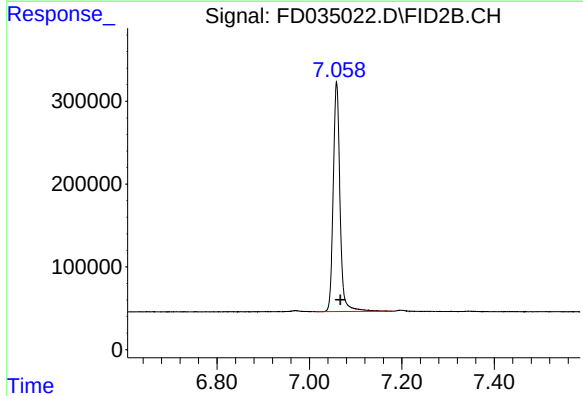
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.465 min
Delta R.T.: -0.006 min
Response: 2679663
Conc: 20.64 ug/ml



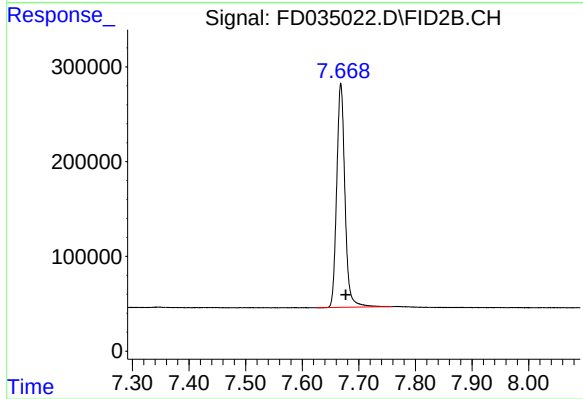
#2 Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: -0.007 min
Response: 2835131
Conc: 20.71 ug/ml



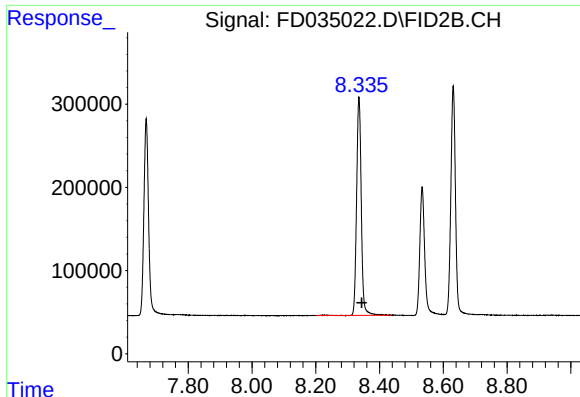
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.059 min
Delta R.T.: -0.008 min
Response: 2827799
Conc: 20.62 ug/ml



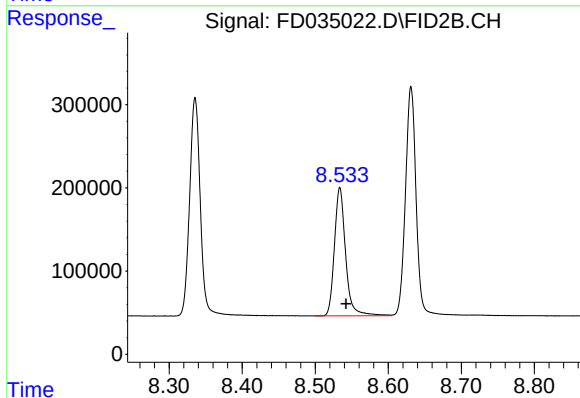
#4 2-Bromonaphthalene (SURR)

R.T.: 7.668 min
Delta R.T.: -0.009 min
Response: 2392810
Conc: 20.53 ug/ml



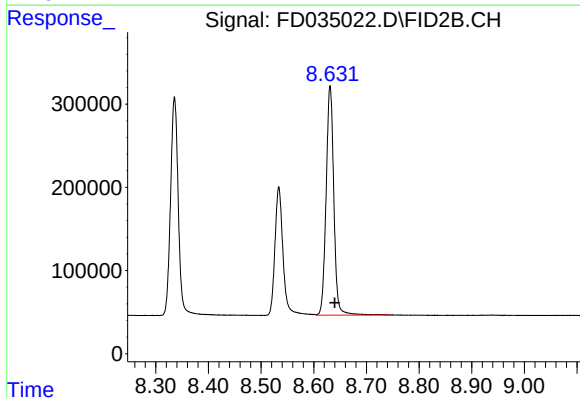
#5 Acenaphthylene (C15.06)

R.T.: 8.336 min
Delta R.T.: -0.009 min
Response: 2670888
Conc: 19.73 ug/ml



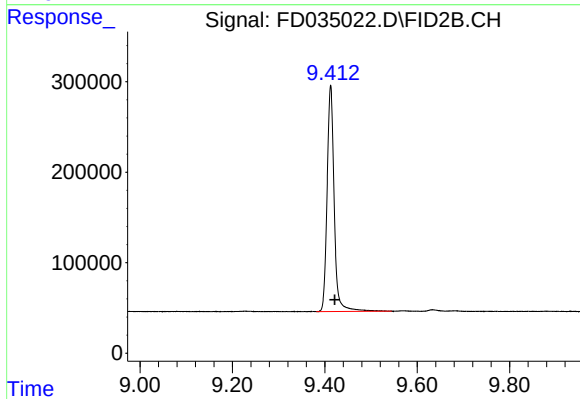
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.534 min
Delta R.T.: -0.009 min
Response: 1643215
Conc: 20.02 ug/ml



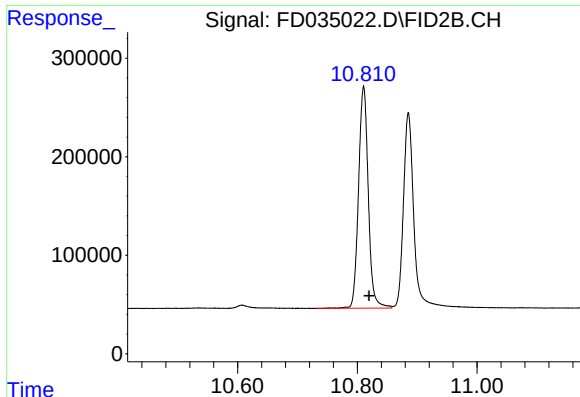
#7 Acenaphthene (C15.5)

R.T.: 8.631 min
Delta R.T.: -0.009 min
Response: 2799182
Conc: 20.28 ug/ml



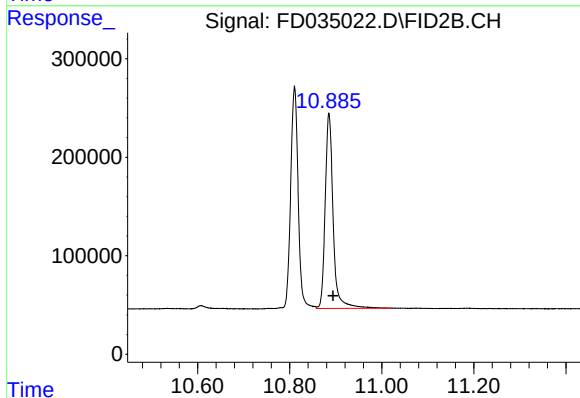
#8 Fluorene (C16.55)

R.T.: 9.413 min
Delta R.T.: -0.009 min
Response: 2656023
Conc: 19.76 ug/ml



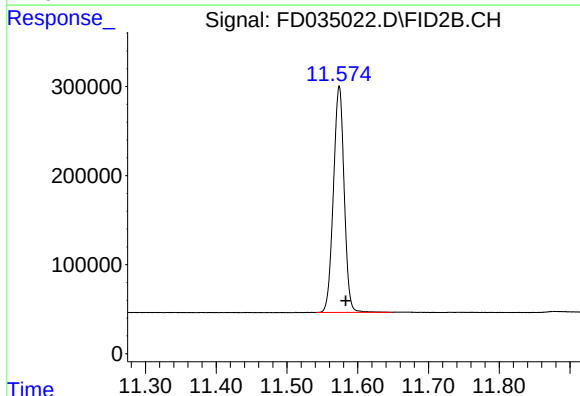
#9 Phenanthrene (C19.36)

R.T.: 10.810 min
Delta R.T.: -0.009 min
Response: 2549603
Conc: 19.09 ug/ml



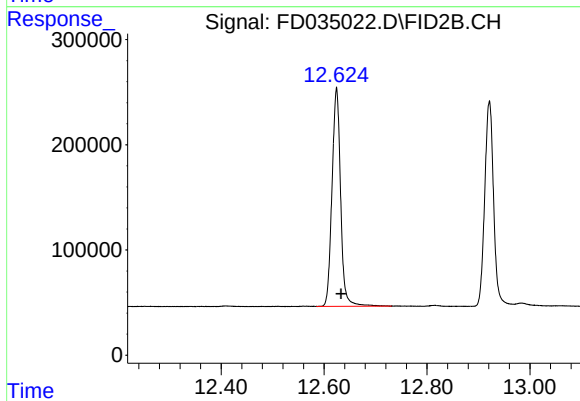
#10 Anthracene (C19.43)

R.T.: 10.885 min
Delta R.T.: -0.009 min
Response: 2383152
Conc: 17.65 ug/ml



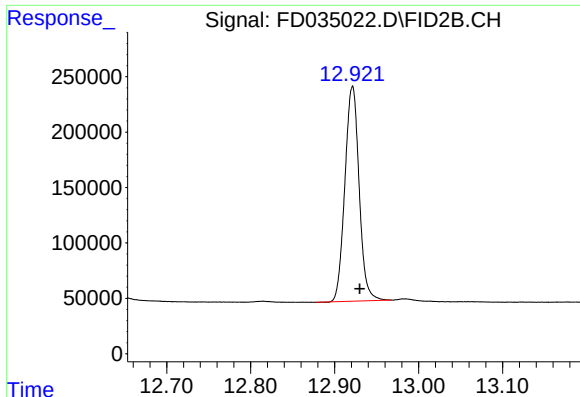
#11 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: -0.009 min
Response: 2680210
Conc: 19.55 ug/ml



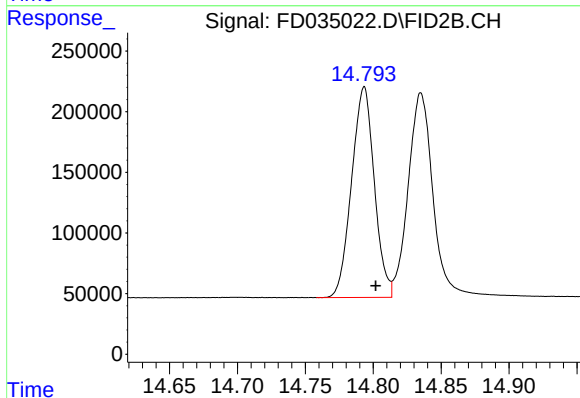
#12 Fluoranthene (C21.85)

R.T.: 12.624 min
Delta R.T.: -0.009 min
Response: 2409416
Conc: 18.31 ug/ml



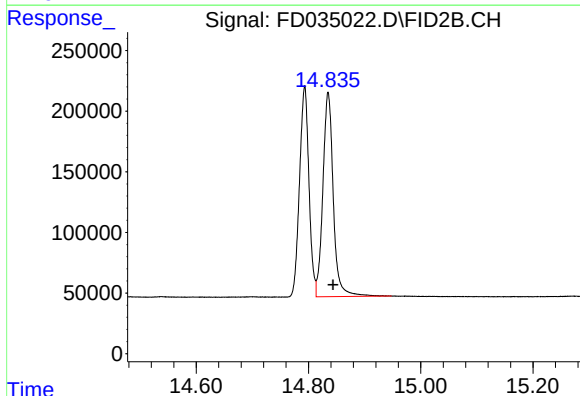
#13 Pyrene (C20.8)

R.T.: 12.921 min
Delta R.T.: -0.009 min
Response: 2285151
Conc: 17.85 ug/ml



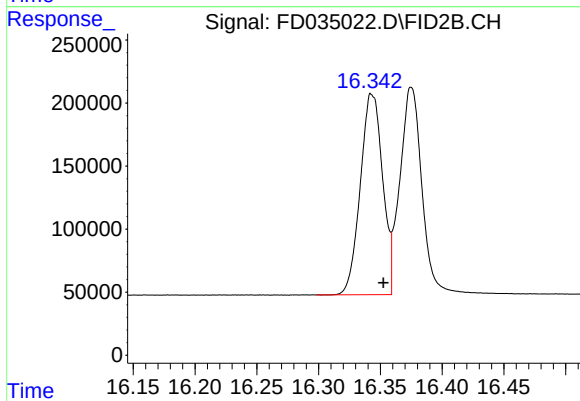
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.793 min
Delta R.T.: -0.009 min
Response: 2019939
Conc: 17.74 ug/ml



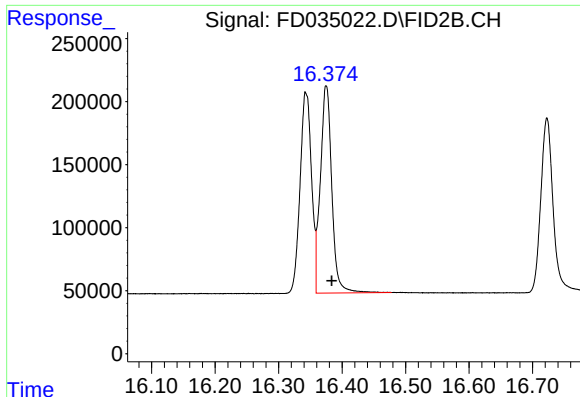
#15 Chrysene (C27.41)

R.T.: 14.835 min
Delta R.T.: -0.008 min
Response: 2168382
Conc: 17.70 ug/ml



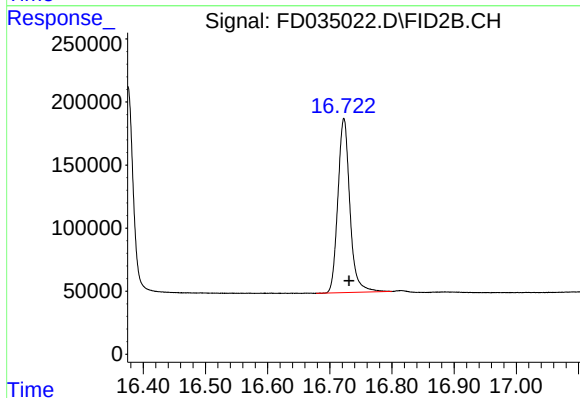
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.343 min
Delta R.T.: -0.009 min
Response: 2001724
Conc: 18.68 ug/ml



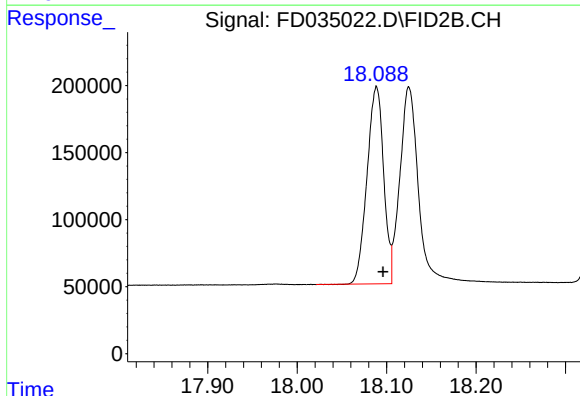
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.375 min
Delta R.T.: -0.009 min
Response: 2057551
Conc: 19.05 ug/ml



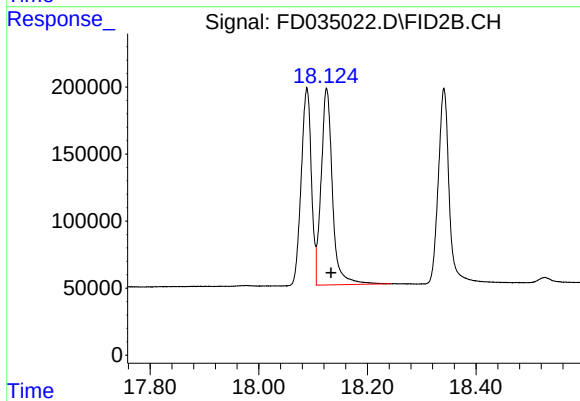
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.723 min
Delta R.T.: -0.008 min
Response: 1850405
Conc: 18.99 ug/ml



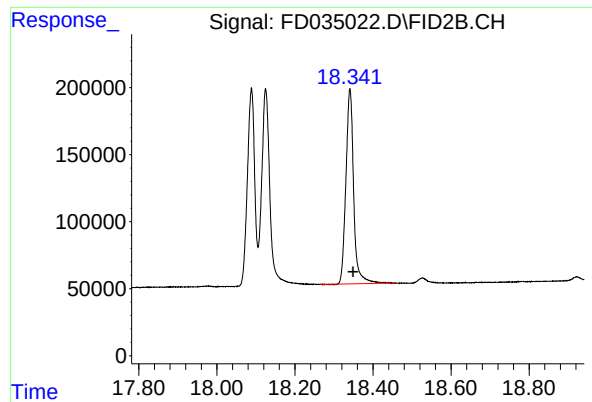
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.088 min
Delta R.T.: -0.008 min
Response: 1896345
Conc: 20.47 ug/ml



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

R.T.: 18.125 min
Delta R.T.: -0.008 min
Response: 2119419
Conc: 20.99 ug/ml



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

R.T.: 18.341 min
Delta R.T.: -0.008 min
Response: 2000424
Conc: 20.76 ug/ml