

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102519AR\
 Data File : FD031230.D
 Signal(s) : FID2B.CH
 Acq On : 25 Oct 2019 9:10
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 23:49:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 2019
 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...	7.538	2046435	21.409 ug/ml
Spiked Amount 50.000		Recovery =	42.82%
6) S 2-Fluorobiphenyl (SURR)	8.400	1322946	20.850 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.70%
11) S ortho-Terphenyl (SURR)	11.427	2232136	20.366 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.348	2195108	22.128 ug/ml
2) T Naphthalene (C11.7)	5.881	2237547	22.099 ug/ml
3) T 2-Methylnaphthalene (...)	6.930	2224654	21.697 ug/ml
5) T Acenaphthylene (C15.06)	8.200	2143869	20.768 ug/ml
7) T Acenaphthene (C15.5)	8.494	2302957	21.098 ug/ml
8) T Fluorene (C16.55)	9.275	2175164	20.983 ug/ml
9) T Phenanthrene (C19.36)	10.667	2158835	20.665 ug/ml
10) T Anthracene (C19.43)	10.743	1930559	18.399 ug/ml
12) T Fluoranthene (C21.85)	12.474	2192602	20.640 ug/ml
13) T Pyrene (C20.8)	12.769	2236641	21.108 ug/ml
14) T Benzo[a]anthracene (C...	14.639	2004121	20.861 ug/ml
15) T Chrysene (C27.41)	14.680	2265454	20.607 ug/ml
16) T benzo[b]fluoranthene ...	16.218	2257399	23.272 ug/ml
17) T Bnezo[k]fluoranthene ...	16.218	2257399	20.739 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	2062765	21.020 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.967	2347596	25.973 ug/ml
20) T Dibenz[a,h]anthracene...	17.967	2347596	22.868 ug/ml
21) T Benzo[g,h,i]perylene ...	18.185	2129743	22.343 ug/ml

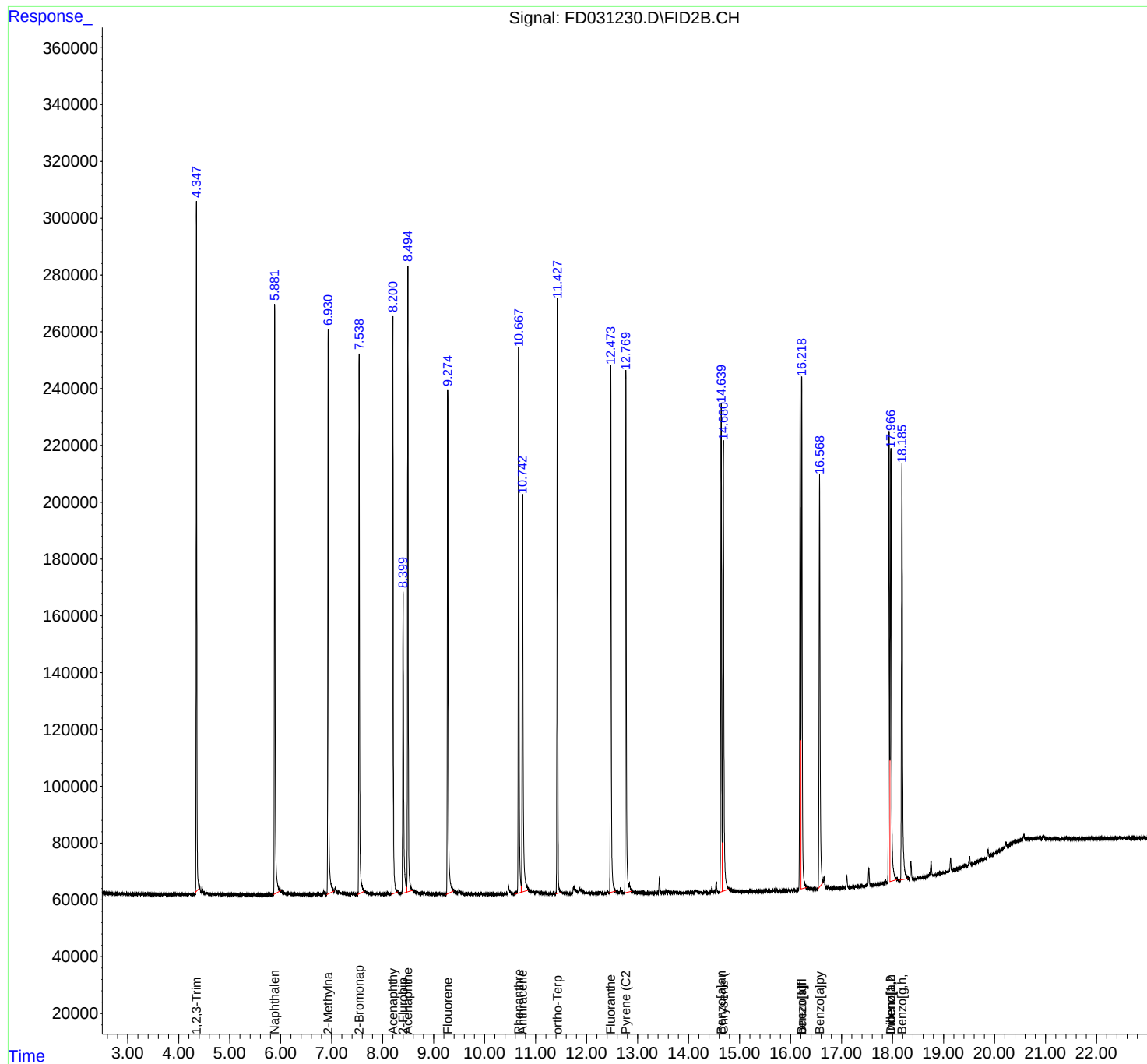
(f)=RT Delta > 1/2 Window

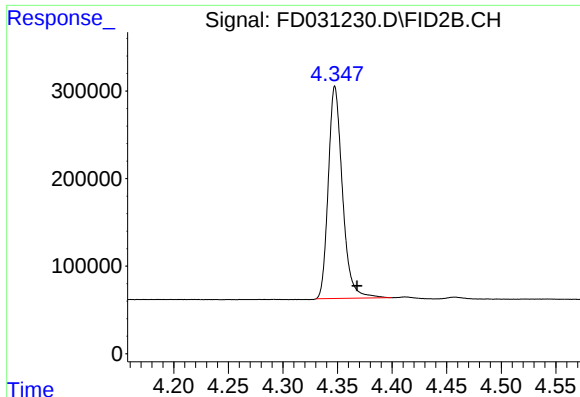
(m)=manual int.

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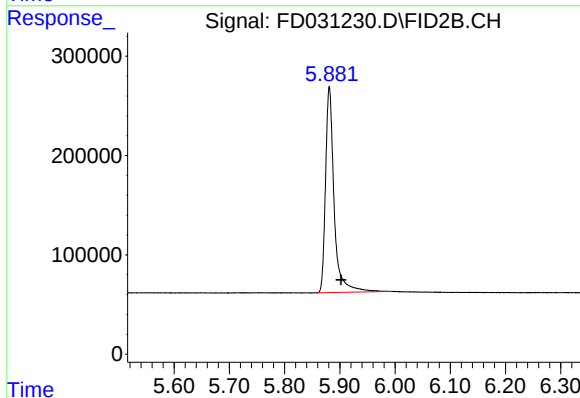
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





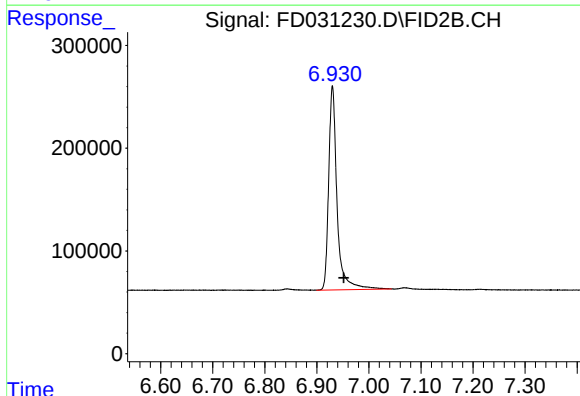
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.348 min
Delta R.T.: -0.020 min
Response: 2195108
Conc: 22.13 ug/ml



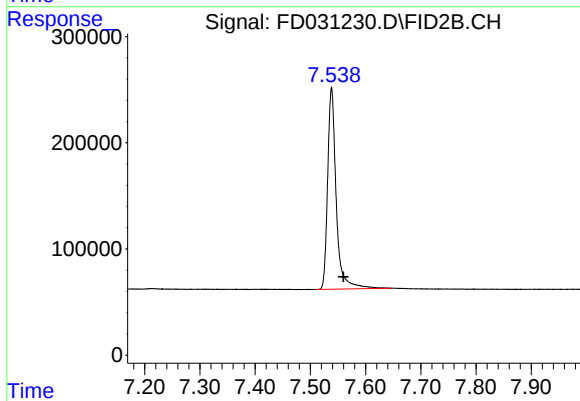
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: -0.021 min
Response: 2237547
Conc: 22.10 ug/ml



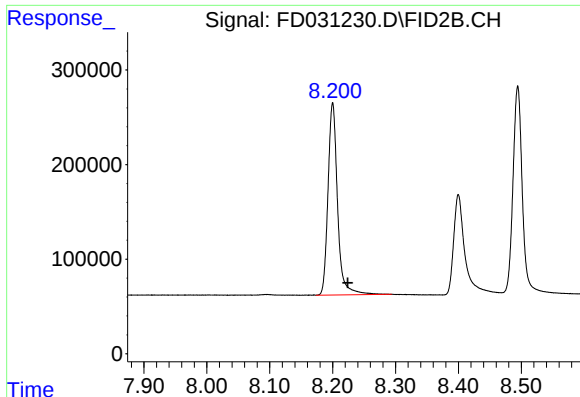
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.930 min
Delta R.T.: -0.022 min
Response: 2224654
Conc: 21.70 ug/ml



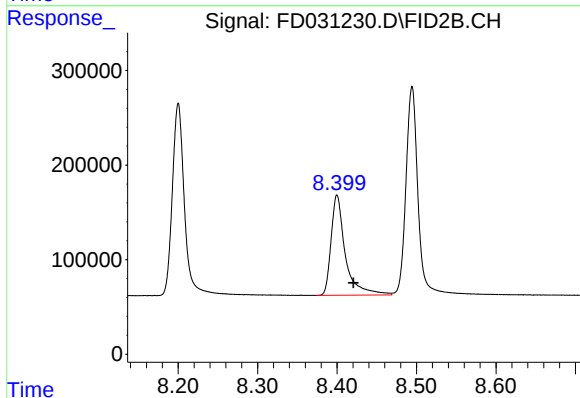
#4 2-Bromonaphthalene (SURR)

R.T.: 7.538 min
Delta R.T.: -0.022 min
Response: 2046435
Conc: 21.41 ug/ml



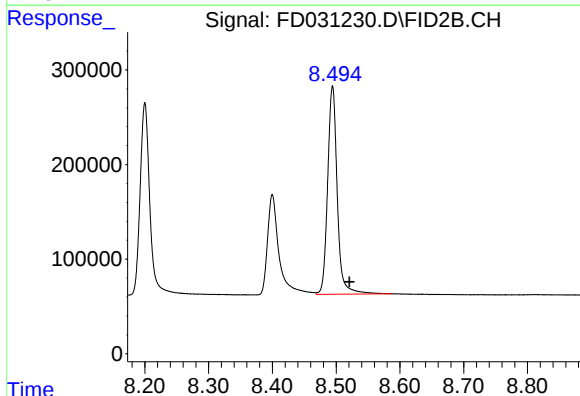
#5 Acenaphthylene (C15.06)

R.T.: 8.200 min
Delta R.T.: -0.024 min
Response: 2143869
Conc: 20.77 ug/ml



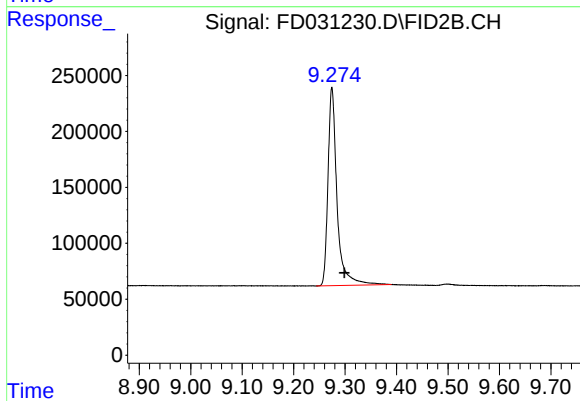
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: -0.021 min
Response: 1322946
Conc: 20.85 ug/ml



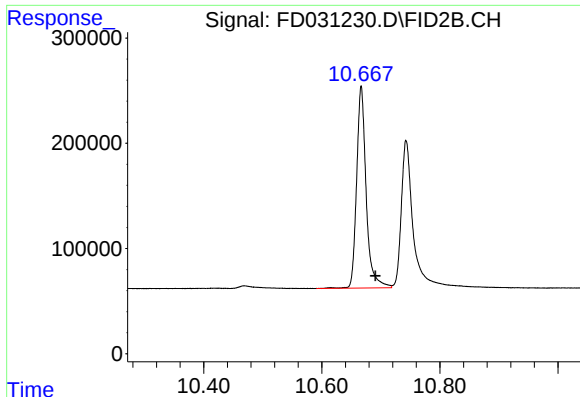
#7 Acenaphthene (C15.5)

R.T.: 8.494 min
Delta R.T.: -0.026 min
Response: 2302957
Conc: 21.10 ug/ml



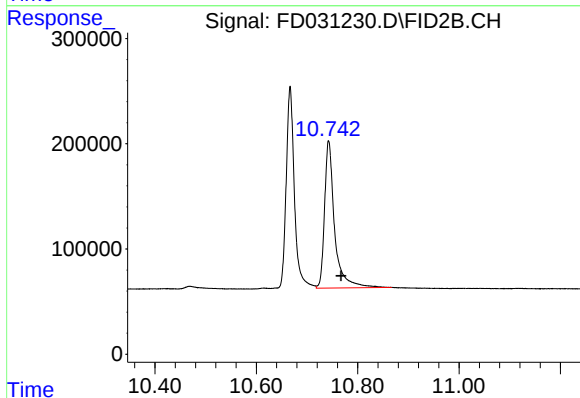
#8 Flouorene (C16.55)

R.T.: 9.275 min
Delta R.T.: -0.024 min
Response: 2175164
Conc: 20.98 ug/ml



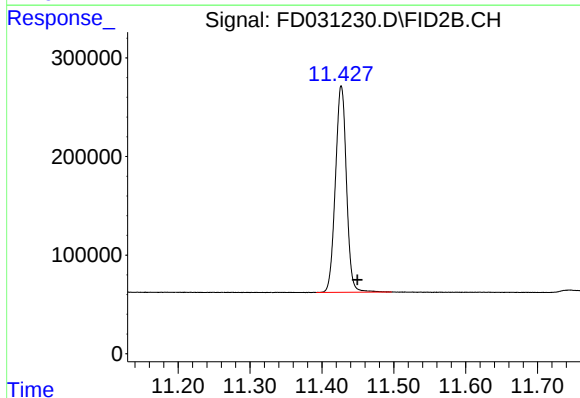
#9 Phenanthrene (C19.36)

R.T.: 10.667 min
Delta R.T.: -0.024 min
Response: 2158835
Conc: 20.67 ug/ml



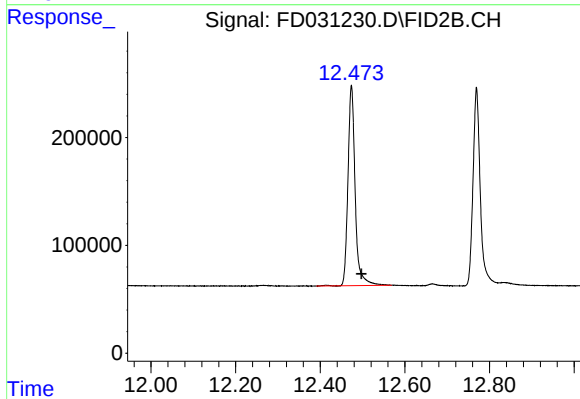
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: -0.025 min
Response: 1930559
Conc: 18.40 ug/ml



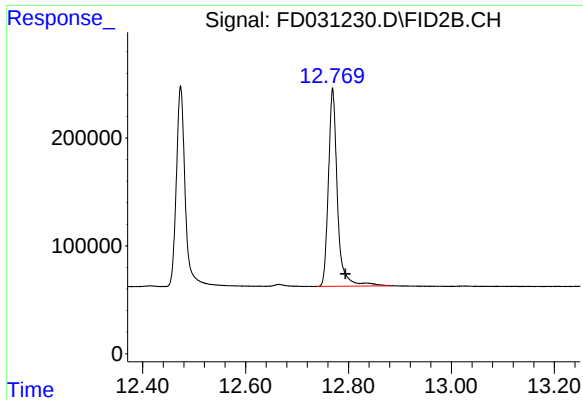
#11 ortho-Terphenyl (SURR)

R.T.: 11.427 min
Delta R.T.: -0.022 min
Response: 2232136
Conc: 20.37 ug/ml



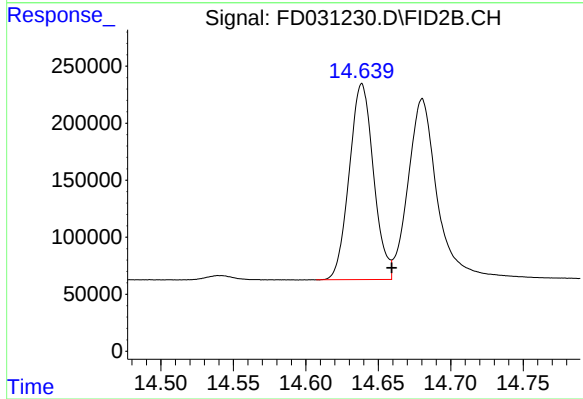
#12 Fluoranthene (C21.85)

R.T.: 12.474 min
Delta R.T.: -0.024 min
Response: 2192602
Conc: 20.64 ug/ml



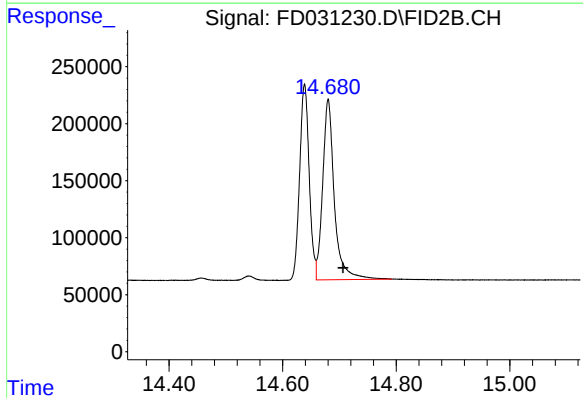
#13 Pyrene (C20.8)

R.T.: 12.769 min
Delta R.T.: -0.025 min
Response: 2236641
Conc: 21.11 ug/ml



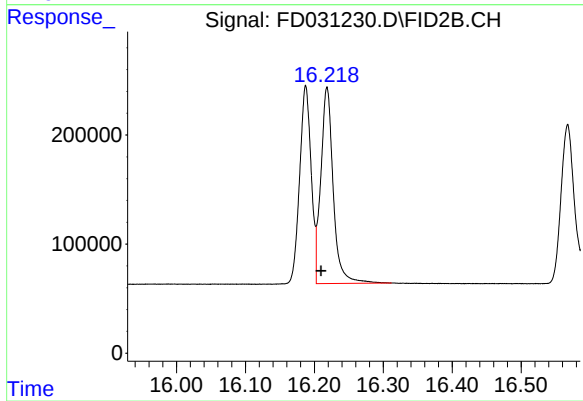
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min
Delta R.T.: -0.021 min
Response: 2004121
Conc: 20.86 ug/ml



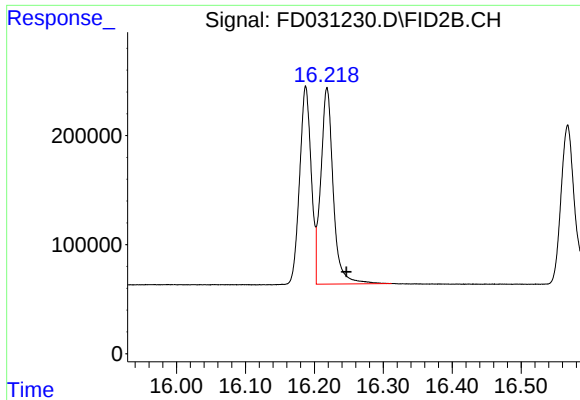
#15 Chrysene (C27.41)

R.T.: 14.680 min
Delta R.T.: -0.026 min
Response: 2265454
Conc: 20.61 ug/ml



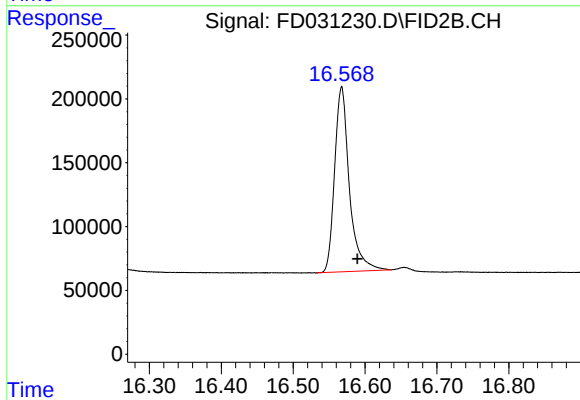
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.218 min
Delta R.T.: 0.009 min
Response: 2257399
Conc: 23.27 ug/ml



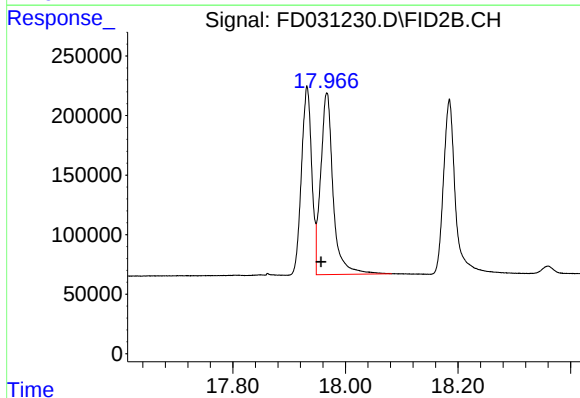
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.218 min
Delta R.T.: -0.028 min
Response: 2257399
Conc: 20.74 ug/ml



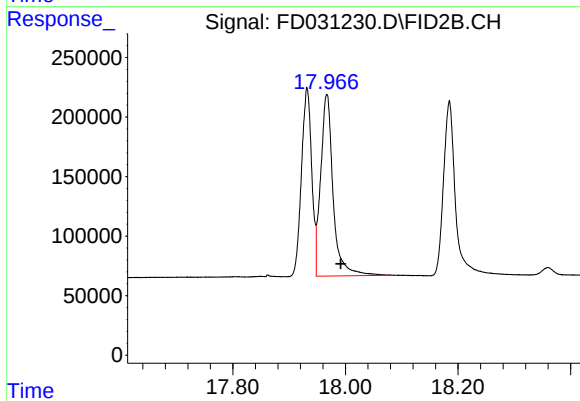
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.568 min
Delta R.T.: -0.022 min
Response: 2062765
Conc: 21.02 ug/ml



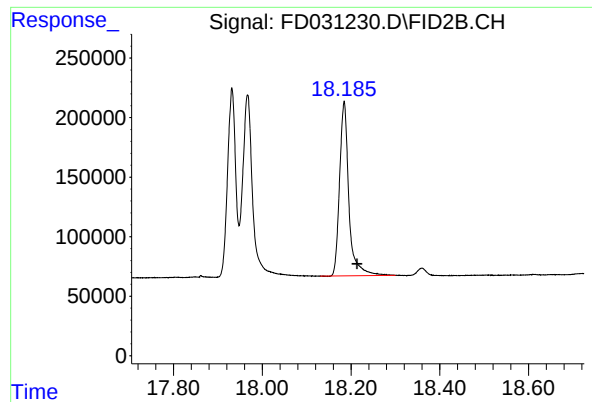
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.967 min
Delta R.T.: 0.010 min
Response: 2347596
Conc: 25.97 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.025 min
Response: 2347596
Conc: 22.87 ug/ml



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

R.T.: 18.185 min
Delta R.T.: -0.029 min
Response: 2129743
Conc: 22.34 ug/ml