

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120618AR\
 Data File : FD026764.D
 Signal(s) : FID2B.CH
 Acq On : 06 Dec 2018 14:10
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 06 15:56:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110818.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 08 18:15:51 2018
 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...	7.380	1656506	21.817 ug/ml
Spiked Amount 50.000		Recovery =	43.63%
6) S 2-Fluorobiphenyl (SURR)	8.231	1152614	22.043 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.09%
11) S ortho-Terphenyl (SURR)	11.275	1968520	23.224 ug/ml
Spiked Amount 50.000		Recovery =	46.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	1741223	21.814 ug/ml
2) T Naphthalene (C11.7)	5.715	1900262	21.653 ug/ml
3) T 2-Methylnaphthalene (...)	6.766	1891191	21.820 ug/ml
5) T Acenaphthylene (C15.06)	8.034	1863963	21.991 ug/ml
7) T Acenaphthene (C15.5)	8.330	1950939	22.066 ug/ml
8) T Fluorene (C16.55)	9.108	1939559	22.008 ug/ml
9) T Phenanthrene (C19.36)	10.497	1975263	22.500 ug/ml
10) T Anthracene (C19.43)	10.571	1962512	22.415 ug/ml
12) T Fluoranthene (C21.85)	12.302	2069192	23.759 ug/ml
13) T Pyrene (C20.8)	12.597	2082120	24.022 ug/ml
14) T Benzo[a]anthracene (C...	14.466	1986812	23.364 ug/ml
15) T Chrysene (C27.41)	14.507	2011505	23.472 ug/ml
16) T benzo[b]fluoranthene ...	16.011	2011228	21.605 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	2041838	22.050 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	1989368	21.077 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	1949981	20.307 ug/ml
20) T Dibenz[a,h]anthracene...	17.790	1849673	19.705 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	2004740	20.392 ug/ml

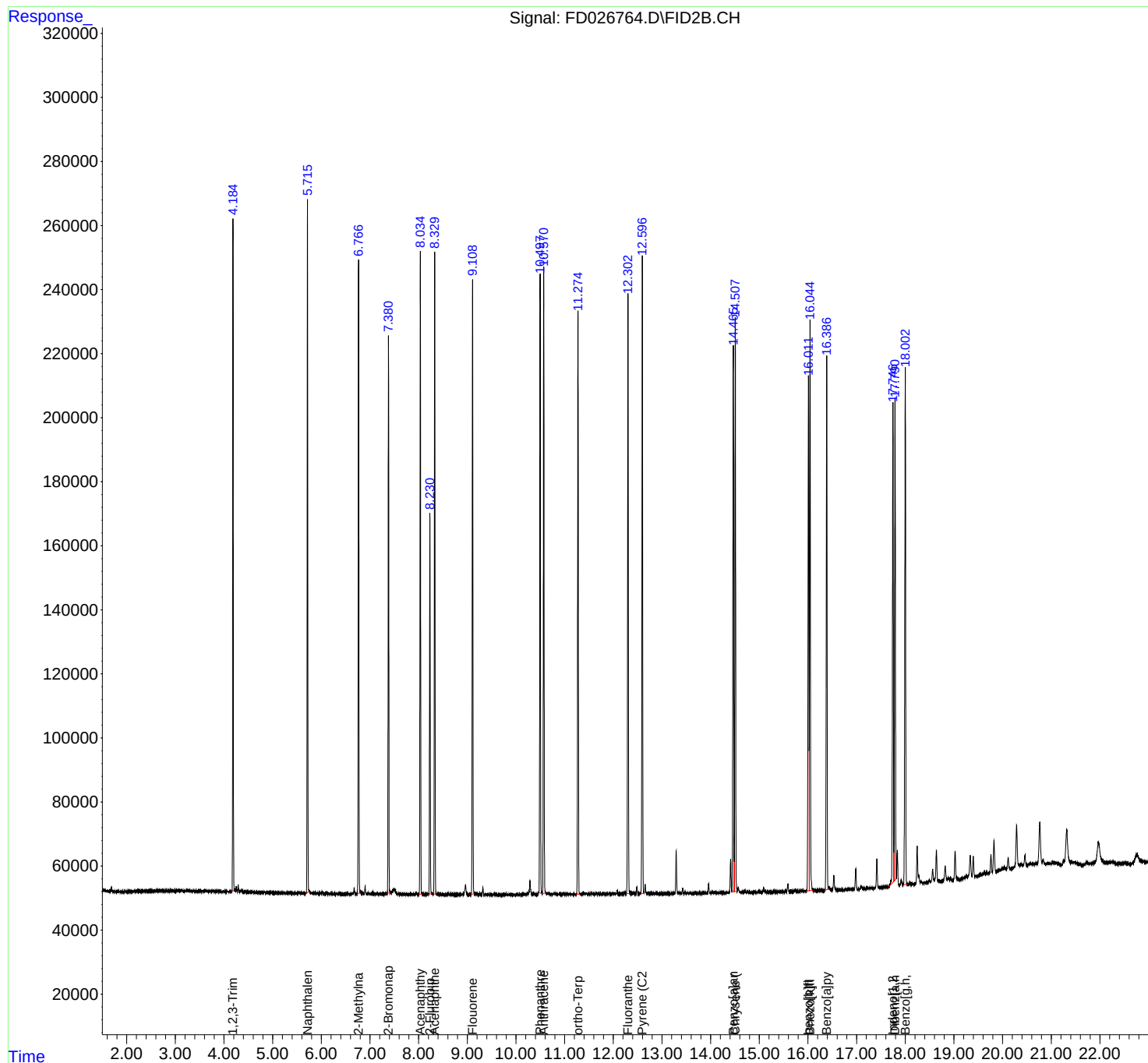
(f)=RT Delta > 1/2 Window

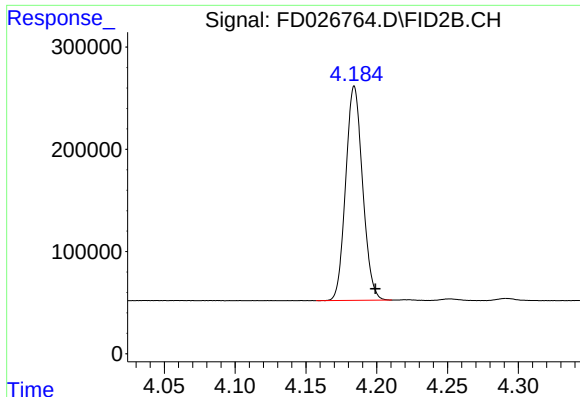
(m)=manual int.

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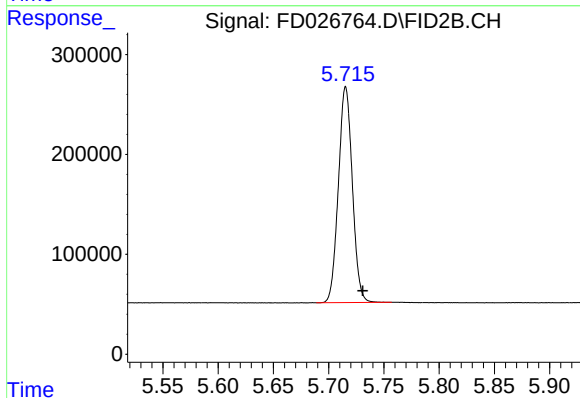
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





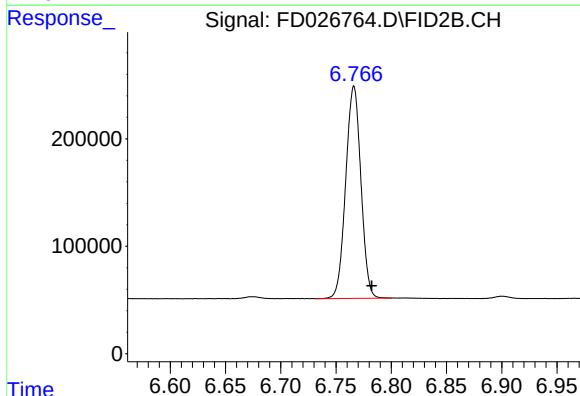
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.184 min
Delta R.T.: -0.015 min
Response: 1741223
Conc: 21.81 ug/ml



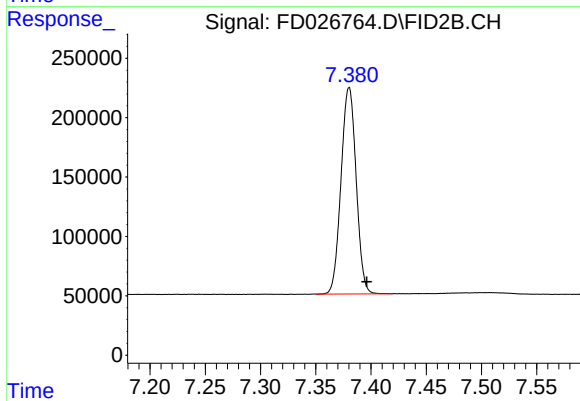
#2 Naphthalene (C11.7)

R.T.: 5.715 min
Delta R.T.: -0.016 min
Response: 1900262
Conc: 21.65 ug/ml



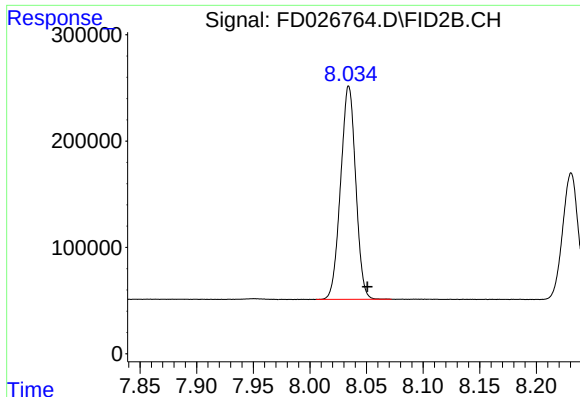
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.766 min
Delta R.T.: -0.016 min
Response: 1891191
Conc: 21.82 ug/ml



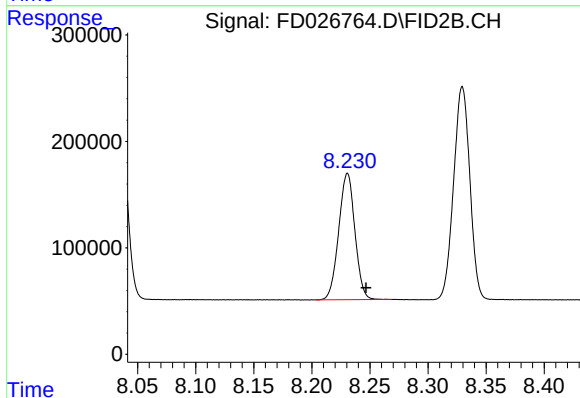
#4 2-Bromonaphthalene (SURR)

R.T.: 7.380 min
Delta R.T.: -0.016 min
Response: 1656506
Conc: 21.82 ug/ml



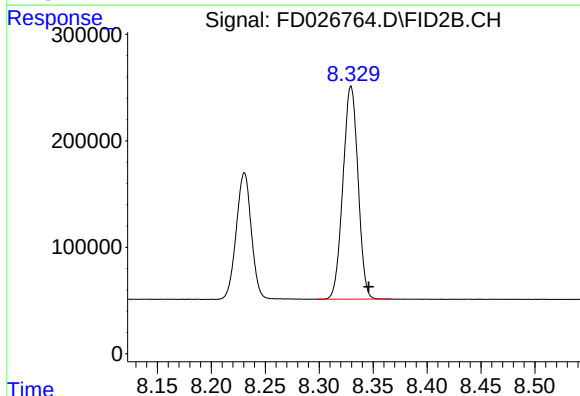
#5 Acenaphthylene (C15.06)

R.T.: 8.034 min
Delta R.T.: -0.016 min
Response: 1863963
Conc: 21.99 ug/ml



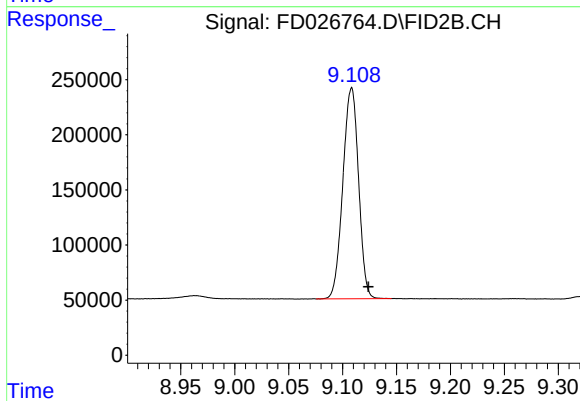
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: -0.016 min
Response: 1152614
Conc: 22.04 ug/ml



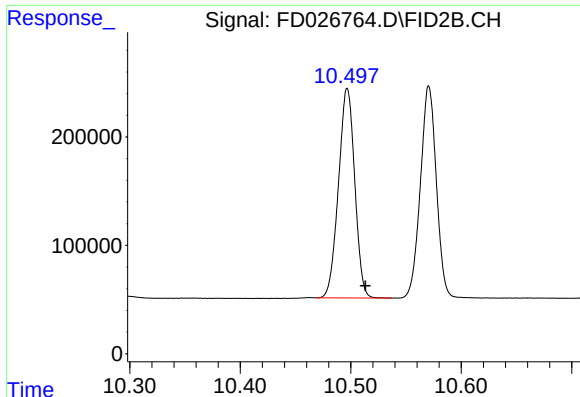
#7 Acenaphthene (C15.5)

R.T.: 8.330 min
Delta R.T.: -0.016 min
Response: 1950939
Conc: 22.07 ug/ml



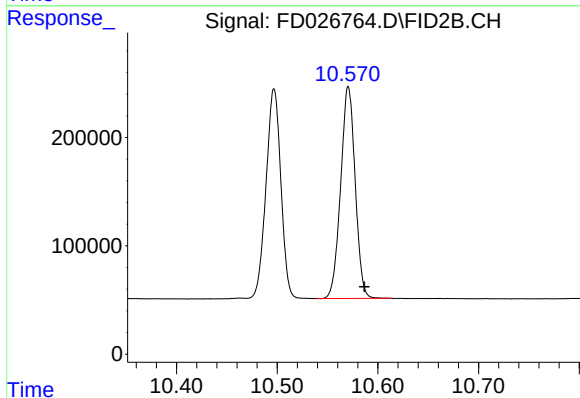
#8 Fluorene (C16.55)

R.T.: 9.108 min
Delta R.T.: -0.015 min
Response: 1939559
Conc: 22.01 ug/ml



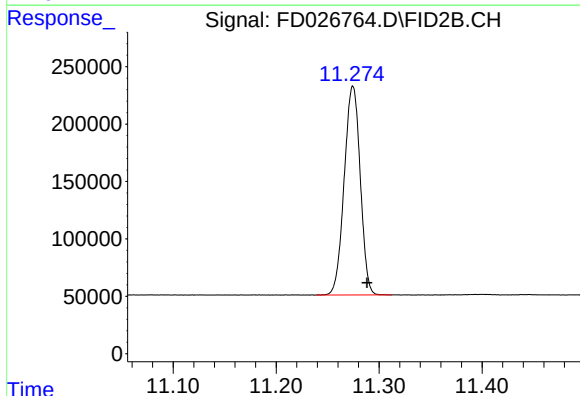
#9 Phenanthrene (C19.36)

R.T.: 10.497 min
Delta R.T.: -0.016 min
Response: 1975263
Conc: 22.50 ug/ml



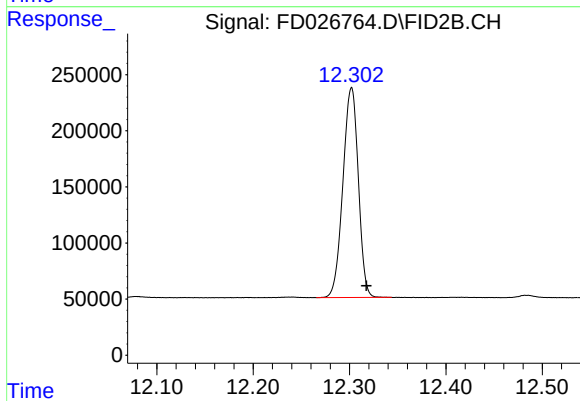
#10 Anthracene (C19.43)

R.T.: 10.571 min
Delta R.T.: -0.016 min
Response: 1962512
Conc: 22.42 ug/ml



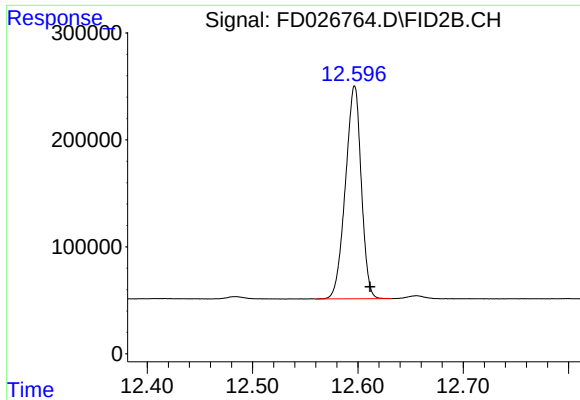
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: -0.014 min
Response: 1968520
Conc: 23.22 ug/ml



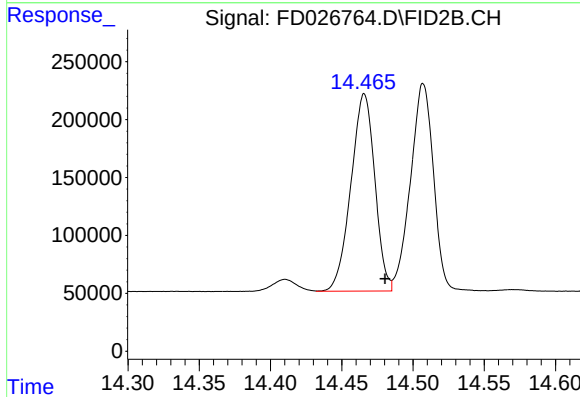
#12 Fluoranthene (C21.85)

R.T.: 12.302 min
Delta R.T.: -0.015 min
Response: 2069192
Conc: 23.76 ug/ml



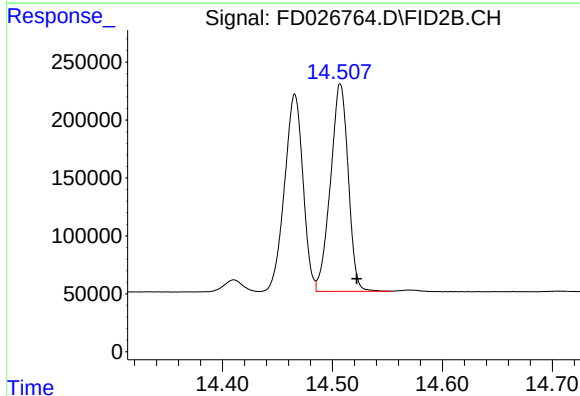
#13 Pyrene (C20.8)

R.T.: 12.597 min
Delta R.T.: -0.015 min
Response: 2082120
Conc: 24.02 ug/ml



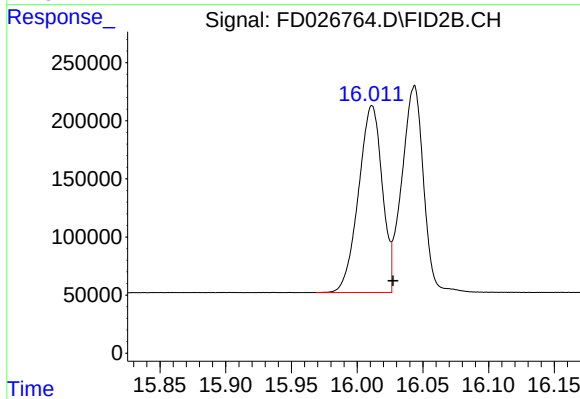
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.466 min
Delta R.T.: -0.014 min
Response: 1986812
Conc: 23.36 ug/ml



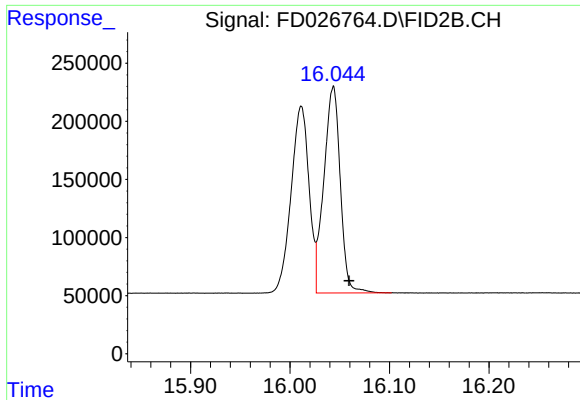
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: -0.015 min
Response: 2011505
Conc: 23.47 ug/ml



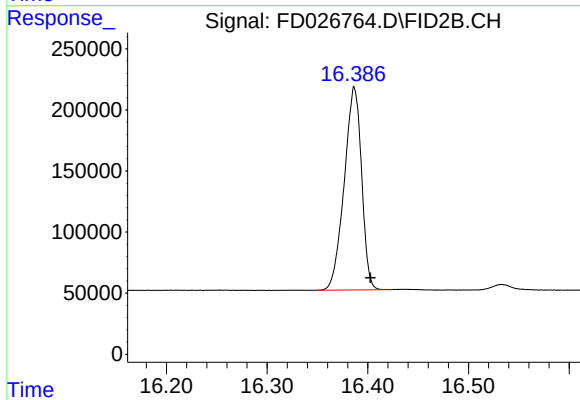
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.011 min
Delta R.T.: -0.016 min
Response: 2011228
Conc: 21.60 ug/ml



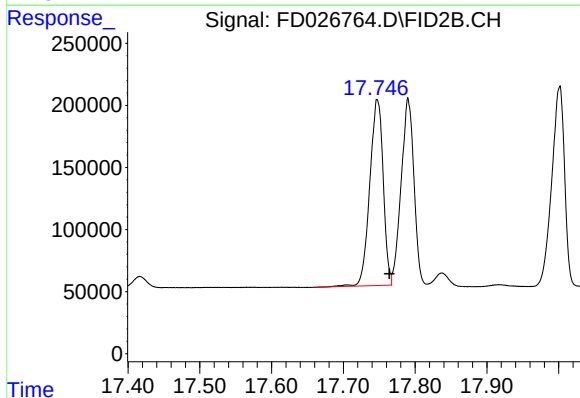
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.043 min
Delta R.T.: -0.016 min
Response: 2041838
Conc: 22.05 ug/ml



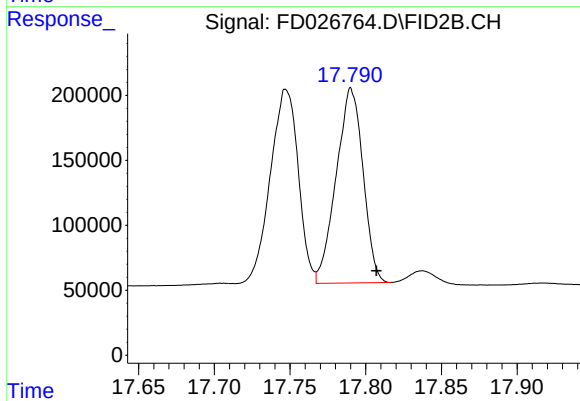
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: -0.016 min
Response: 1989368
Conc: 21.08 ug/ml



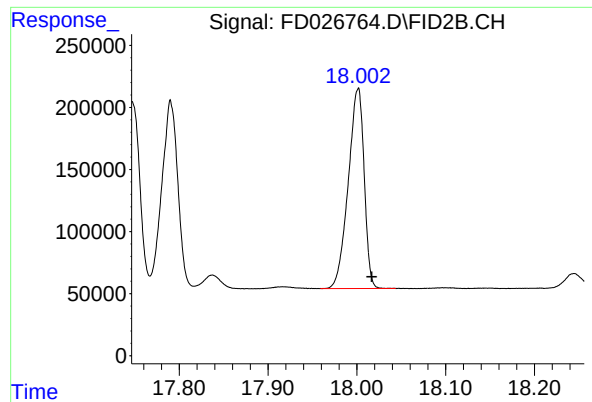
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: -0.017 min
Response: 1949981
Conc: 20.31 ug/ml



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

R.T.: 17.790 min
Delta R.T.: -0.017 min
Response: 1849673
Conc: 19.71 ug/ml



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

R.T.: 18.001 min
Delta R.T.: -0.016 min
Response: 2004740
Conc: 20.39 ug/ml