

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120418AR\
 Data File : FD026720.D
 Signal(s) : FID2B.CH
 Acq On : 04 Dec 2018 11:12
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 05 02:47:38 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...	7.381	1501578	19.776 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
6) S 2-Fluorobiphenyl (SURR)	8.231	1046839	20.020 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.04%
11) S ortho-Terphenyl (SURR)	11.274	1756800	20.727 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.185	1649362	20.663 ug/ml
2) T Naphthalene (C11.7)	5.716	1769341	20.161 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	1735653	20.025 ug/ml
5) T Acenaphthylene (C15.06)	8.035	1708025	20.151 ug/ml
7) T Acenaphthene (C15.5)	8.330	1783963	20.178 ug/ml
8) T Flouorene (C16.55)	9.109	1764891	20.026 ug/ml
9) T Phenanthrene (C19.36)	10.498	1809380	20.610 ug/ml
10) T Anthracene (C19.43)	10.572	1787686	20.418 ug/ml
12) T Fluoranthene (C21.85)	12.303	1911712	21.951 ug/ml
13) T Pyrene (C20.8)	12.597	1941842	22.404 ug/ml
14) T Benzo[a]anthracene (C...	14.465	1916659	22.539 ug/ml
15) T Chrysene (C27.41)	14.507	1955118	22.814 ug/ml
16) T benzo[b]fluoranthene ...	16.011	2030264	21.809 ug/ml
17) T Bnezo[k]fluoranthene ...	16.044	2029866	21.920 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	2002817	21.220 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	1909829	19.888 ug/ml
20) T Dibenz[a,h]anthracene...	17.791	1801467	19.192 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	2009776	20.443 ug/ml

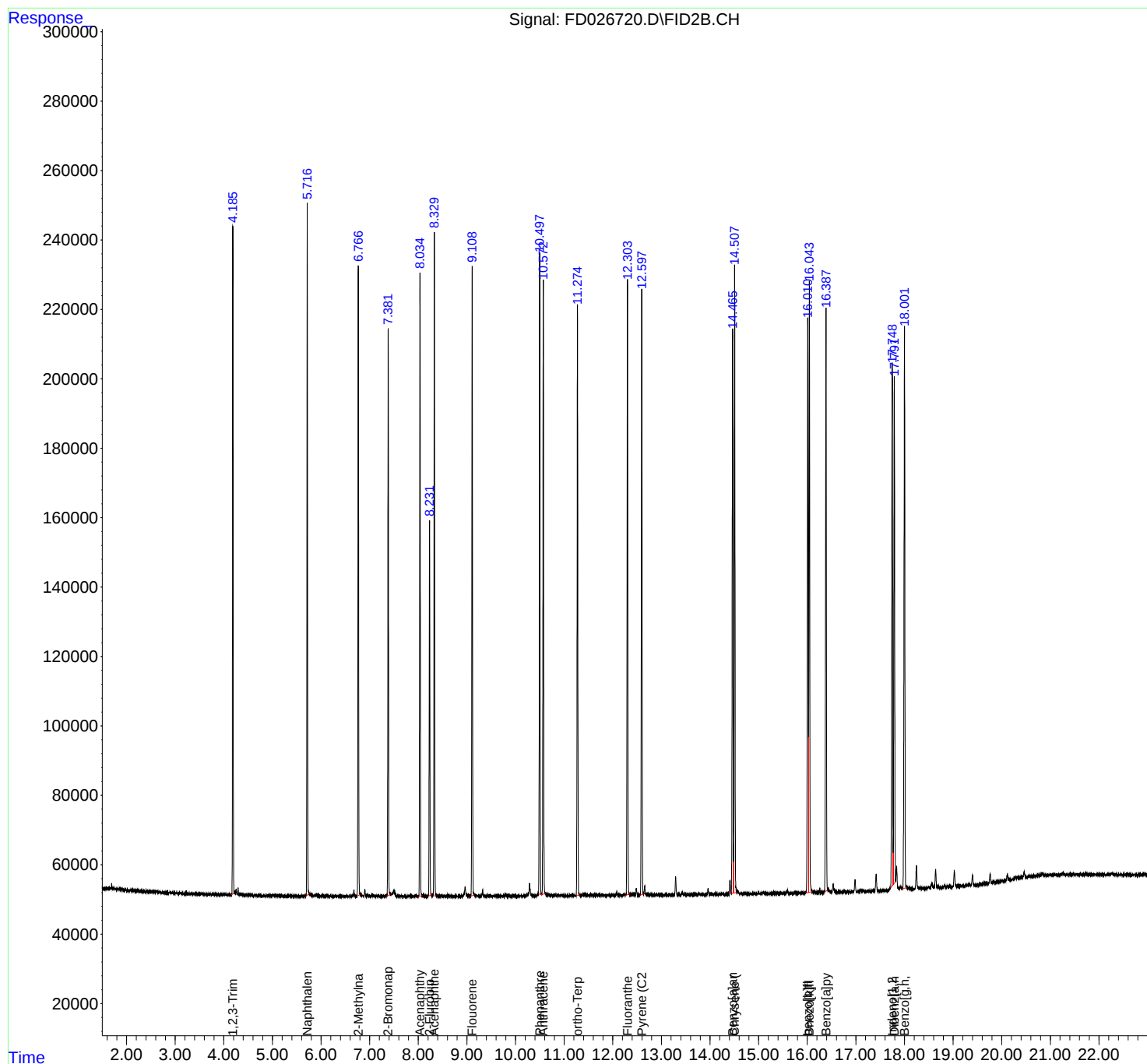
(f)=RT Delta > 1/2 Window

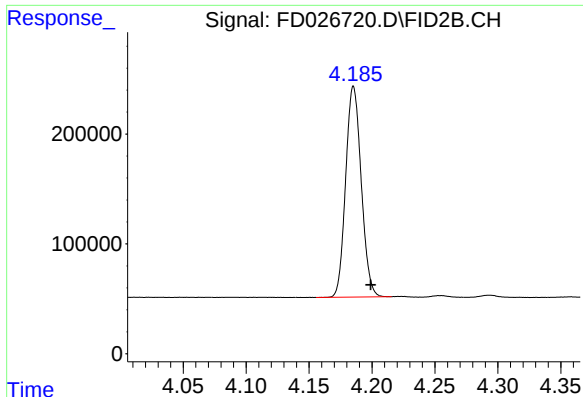
(m)=manual int.

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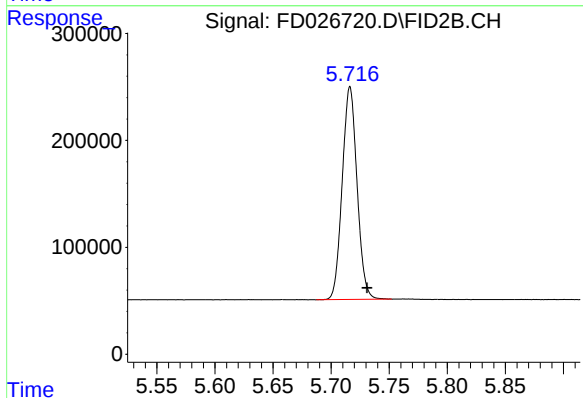
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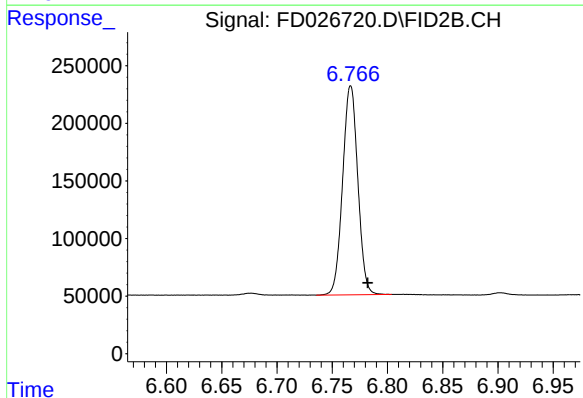
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.185 min
Delta R.T.: -0.014 min
Response: 1649362
Conc: 20.66 ug/ml



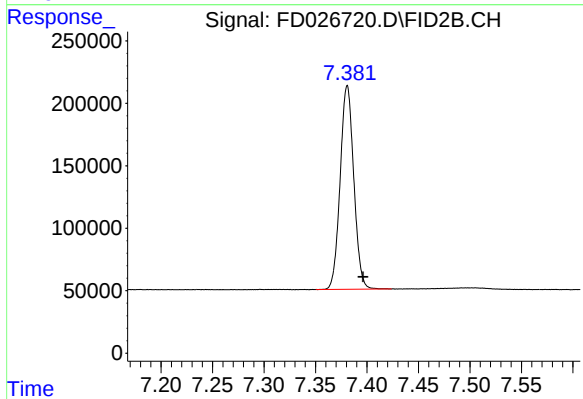
#2 Naphthalene (C11.7)

R.T.: 5.716 min
Delta R.T.: -0.015 min
Response: 1769341
Conc: 20.16 ug/ml



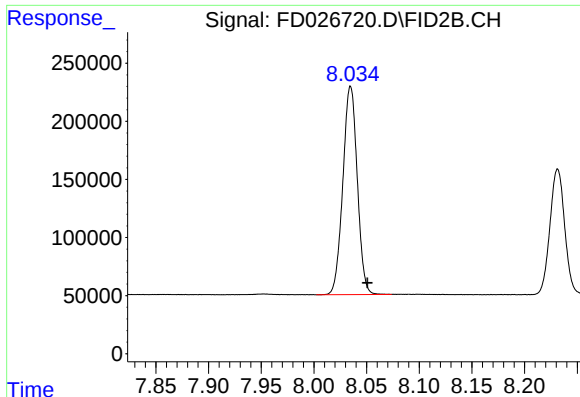
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: -0.015 min
Response: 1735653
Conc: 20.03 ug/ml



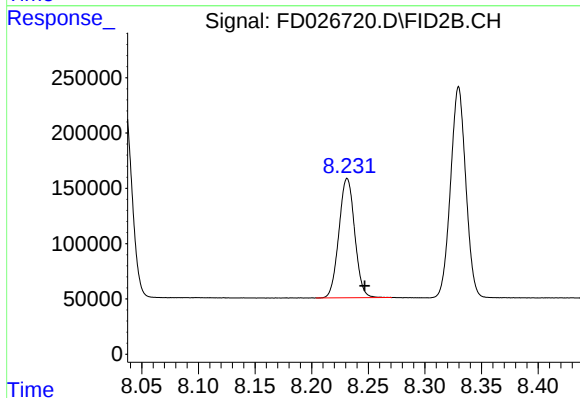
#4 2-Bromonaphthalene (SURR)

R.T.: 7.381 min
Delta R.T.: -0.015 min
Response: 1501578
Conc: 19.78 ug/ml



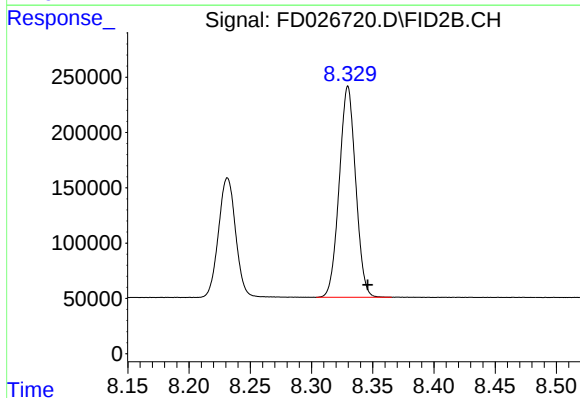
#5 Acenaphthylene (C15.06)

R.T.: 8.035 min
Delta R.T.: -0.016 min
Response: 1708025
Conc: 20.15 ug/ml



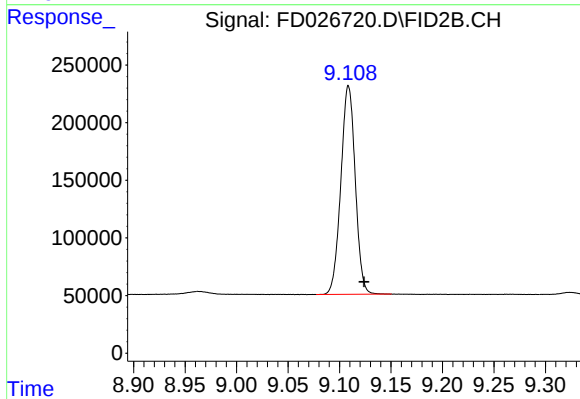
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: -0.015 min
Response: 1046839
Conc: 20.02 ug/ml



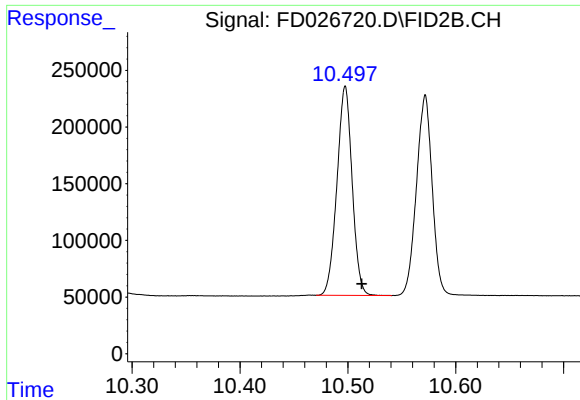
#7 Acenaphthene (C15.5)

R.T.: 8.330 min
Delta R.T.: -0.016 min
Response: 1783963
Conc: 20.18 ug/ml



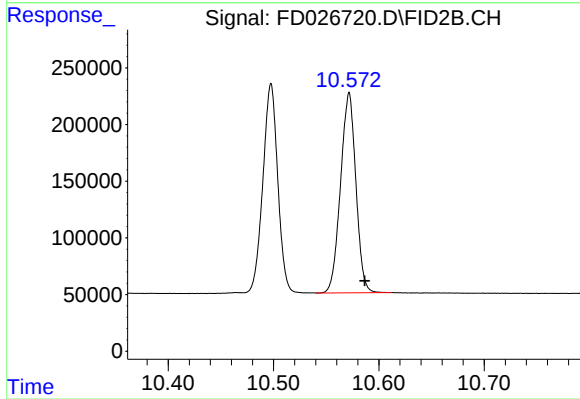
#8 Fluorene (C16.55)

R.T.: 9.109 min
Delta R.T.: -0.015 min
Response: 1764891
Conc: 20.03 ug/ml



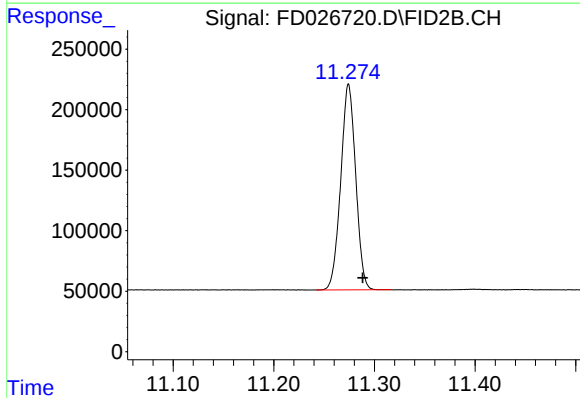
#9 Phenanthrene (C19.36)

R.T.: 10.498 min
Delta R.T.: -0.015 min
Response: 1809380
Conc: 20.61 ug/ml



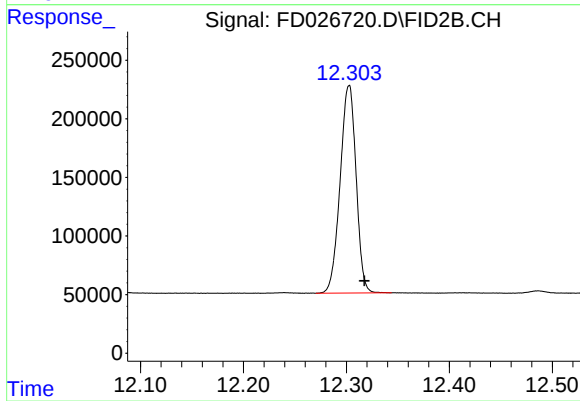
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: -0.015 min
Response: 1787686
Conc: 20.42 ug/ml



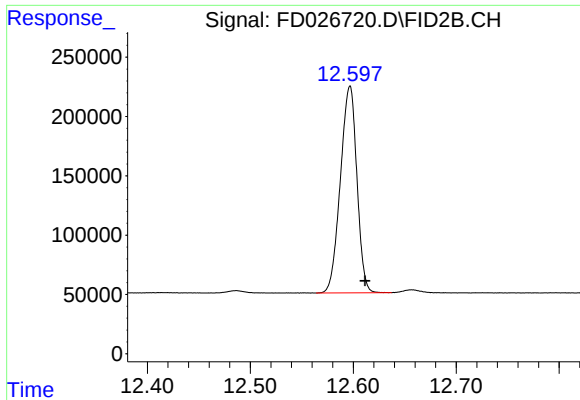
#11 ortho-Terphenyl (SURR)

R.T.: 11.274 min
Delta R.T.: -0.014 min
Response: 1756800
Conc: 20.73 ug/ml



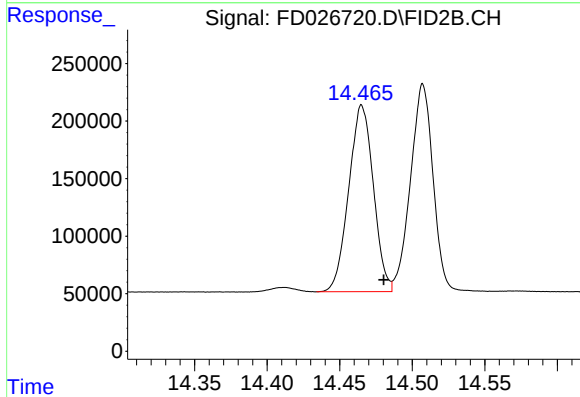
#12 Fluoranthene (C21.85)

R.T.: 12.303 min
Delta R.T.: -0.015 min
Response: 1911712
Conc: 21.95 ug/ml



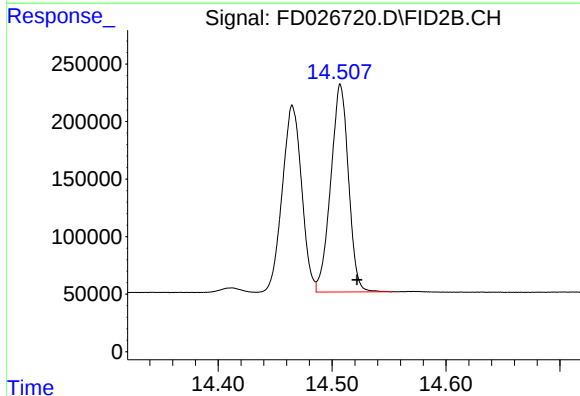
#13 Pyrene (C20.8)

R.T.: 12.597 min
Delta R.T.: -0.015 min
Response: 1941842
Conc: 22.40 ug/ml



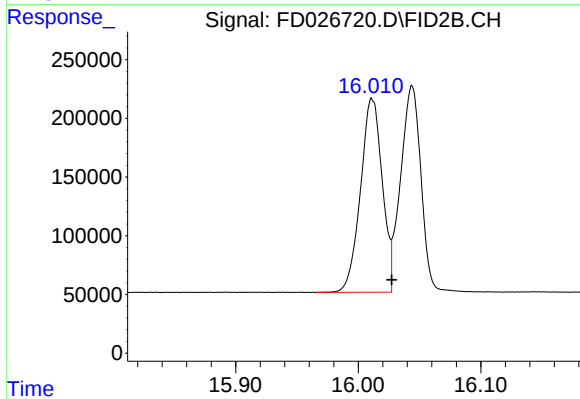
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: -0.015 min
Response: 1916659
Conc: 22.54 ug/ml



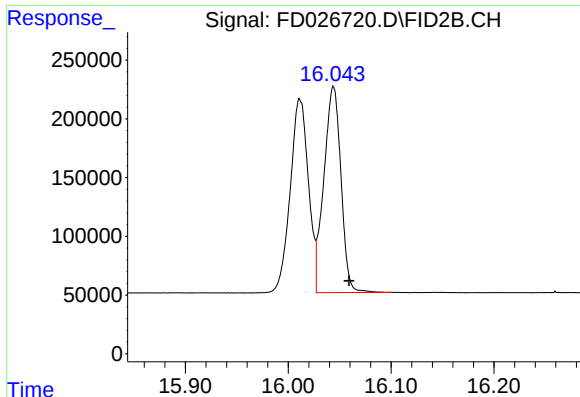
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: -0.015 min
Response: 1955118
Conc: 22.81 ug/ml



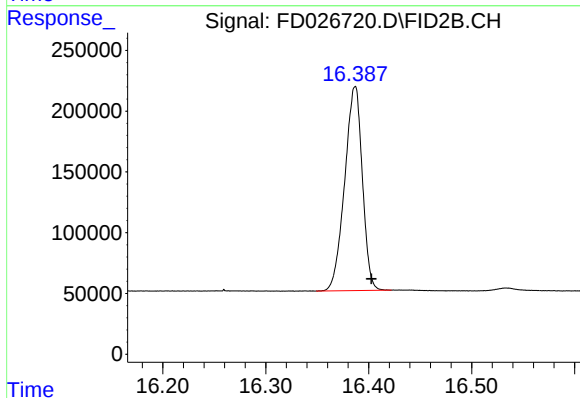
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.011 min
Delta R.T.: -0.016 min
Response: 2030264
Conc: 21.81 ug/ml



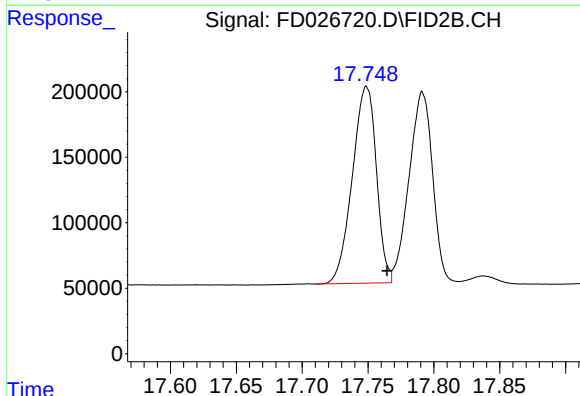
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.044 min
Delta R.T.: -0.015 min
Response: 2029866
Conc: 21.92 ug/ml



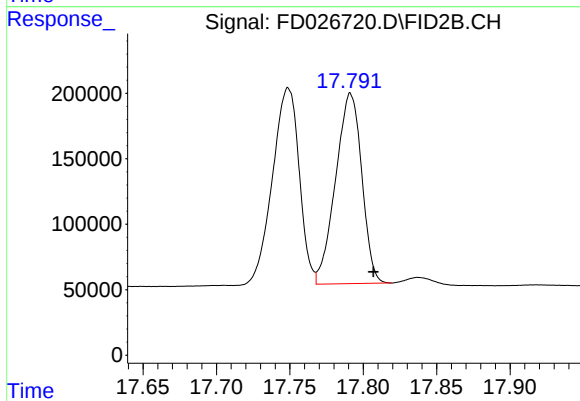
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: -0.016 min
Response: 2002817
Conc: 21.22 ug/ml



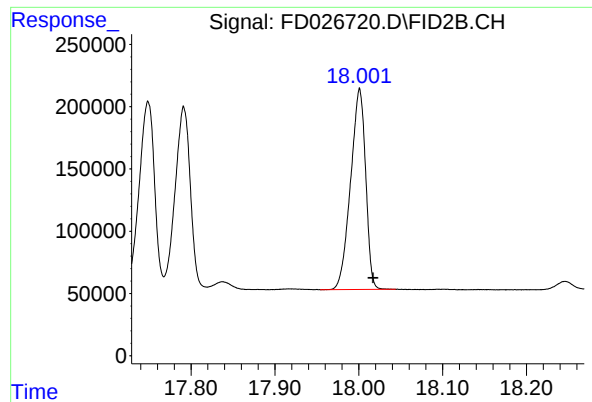
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: -0.016 min
Response: 1909829
Conc: 19.89 ug/ml



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

R.T.: 17.791 min
Delta R.T.: -0.016 min
Response: 1801467
Conc: 19.19 ug/ml



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

R.T.: 18.001 min
Delta R.T.: -0.016 min
Response: 2009776
Conc: 20.44 ug/ml