

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120518AR\
 Data File : FD026758.D
 Signal(s) : FID2B.CH
 Acq On : 05 Dec 2018 23:59
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 06 04:21:20 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	1441362	18.983 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
6) S 2-Fluorobiphenyl (SURR)	8.231	1007026	19.259 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.52%
11) S ortho-Terphenyl (SURR)	11.275	1671034	19.715 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.185	1625139	20.359 ug/ml
2) T Naphthalene (C11.7)	5.716	1720865	19.609 ug/ml
3) T 2-Methylnaphthalene (...)	6.766	1673633	19.310 ug/ml
5) T Acenaphthylene (C15.06)	8.035	1635670	19.297 ug/ml
7) T Acenaphthene (C15.5)	8.330	1706256	19.299 ug/ml
8) T Fluorene (C16.55)	9.108	1687431	19.147 ug/ml
9) T Phenanthrene (C19.36)	10.497	1722549	19.621 ug/ml
10) T Anthracene (C19.43)	10.571	1717090	19.612 ug/ml
12) T Fluoranthene (C21.85)	12.303	1833438	21.052 ug/ml
13) T Pyrene (C20.8)	12.597	1867160	21.542 ug/ml
14) T Benzo[a]anthracene (C...	14.466	1858480	21.855 ug/ml
15) T Chrysene (C27.41)	14.508	1884126	21.986 ug/ml
16) T benzo[b]fluoranthene ...	16.011	1946262	20.907 ug/ml
17) T Bnezo[k]fluoranthene ...	16.044	1941783	20.969 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	1944325	20.600 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.748	1893504	19.718 ug/ml
20) T Dibenz[a,h]anthracene...	17.791	1825305	19.446 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	1947613	19.811 ug/ml

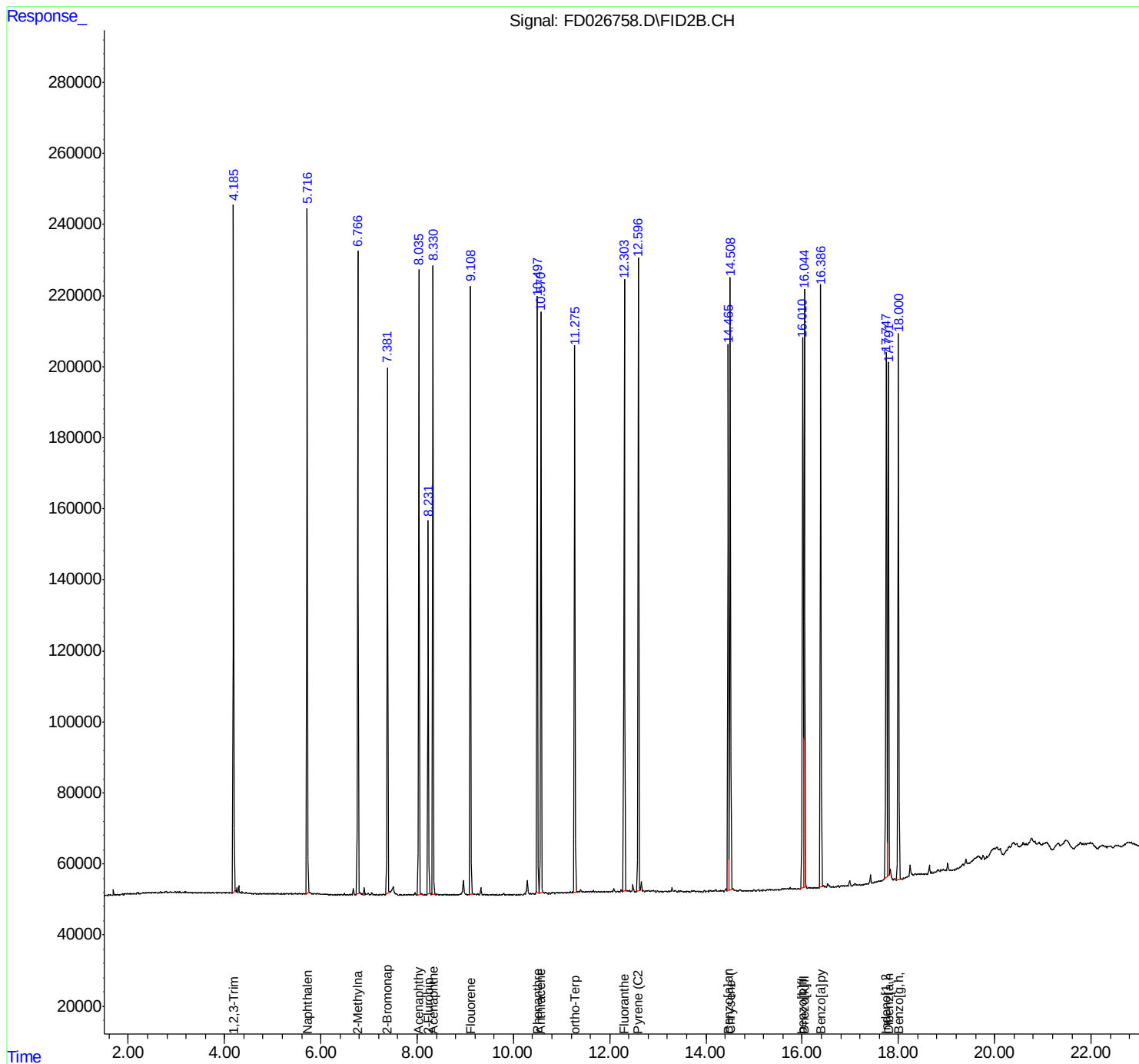
(f)=RT Delta > 1/2 Window

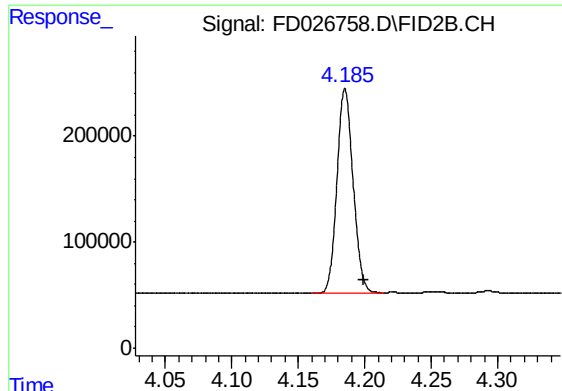
(m)=manual int.

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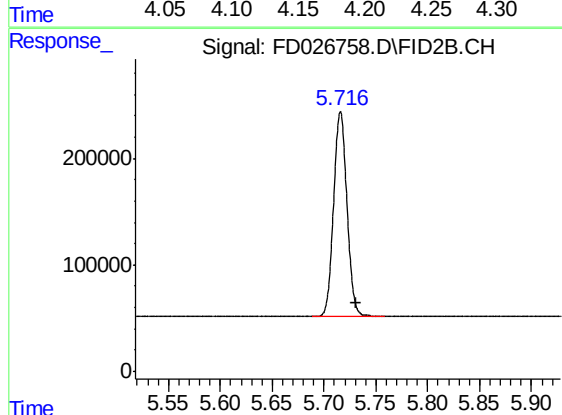
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Signal Info : 20M x 0.18mm x 0.18µm





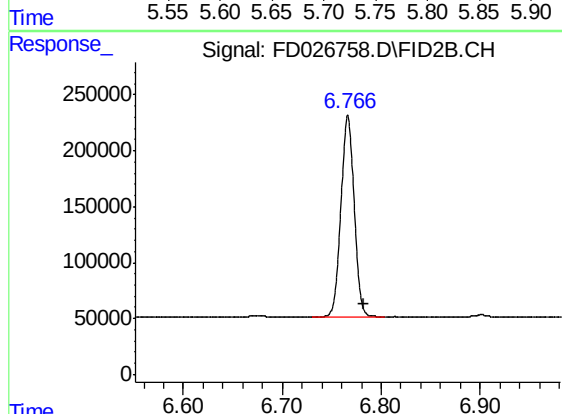
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.185 min
Delta R.T.: -0.014 min
Response: 1625139
Conc: 20.36 ug/ml



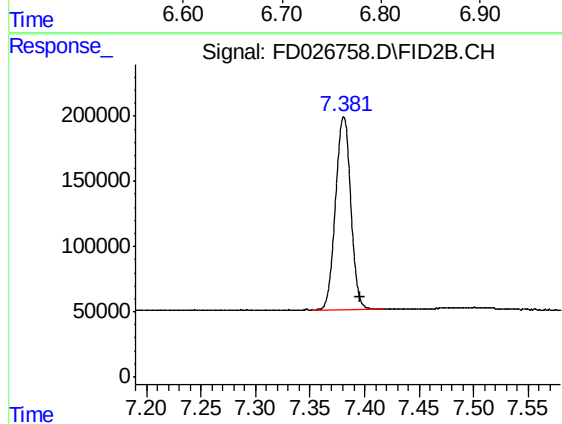
#2 Naphthalene (C11.7)

R.T.: 5.716 min
Delta R.T.: -0.015 min
Response: 1720865
Conc: 19.61 ug/ml



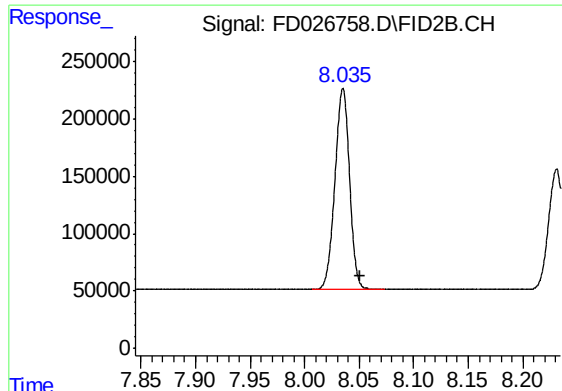
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.766 min
Delta R.T.: -0.016 min
Response: 1673633
Conc: 19.31 ug/ml



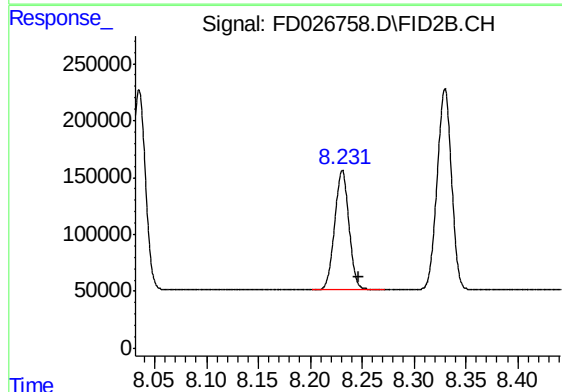
#4 2-Bromonaphthalene (SURR)

R.T.: 7.381 min
Delta R.T.: -0.015 min
Response: 1441362
Conc: 18.98 ug/ml



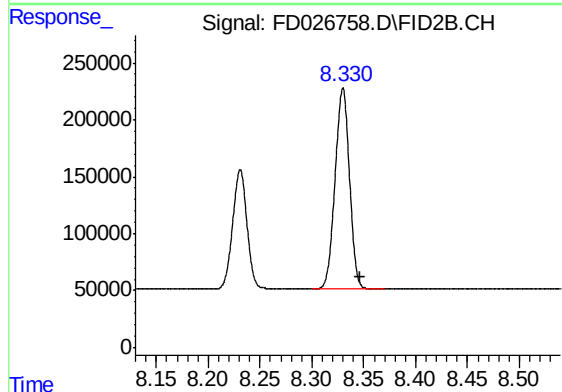
#5 Acenaphthylene (C15.06)

R.T.: 8.035 min
Delta R.T.: -0.015 min
Response: 1635670
Conc: 19.30 ug/ml



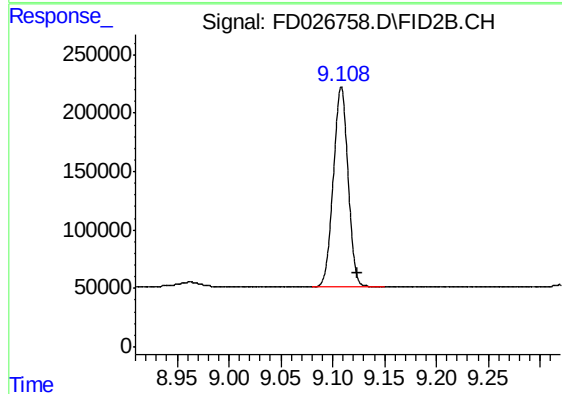
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.231 min
Delta R.T.: -0.016 min
Response: 1007026
Conc: 19.26 ug/ml



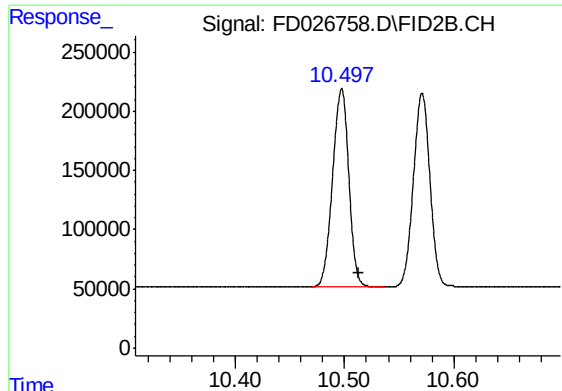
#7 Acenaphthene (C15.5)

R.T.: 8.330 min
Delta R.T.: -0.016 min
Response: 1706256
Conc: 19.30 ug/ml



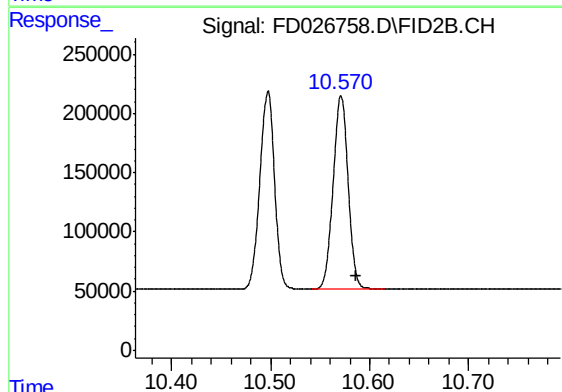
#8 Fluorene (C16.55)

R.T.: 9.108 min
Delta R.T.: -0.015 min
Response: 1687431
Conc: 19.15 ug/ml



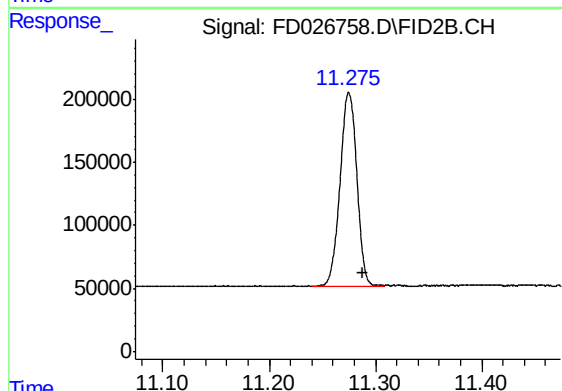
#9 Phenanthrene (C19.36)

R.T.: 10.497 min
Delta R.T.: -0.016 min
Response: 1722549
Conc: 19.62 ug/ml



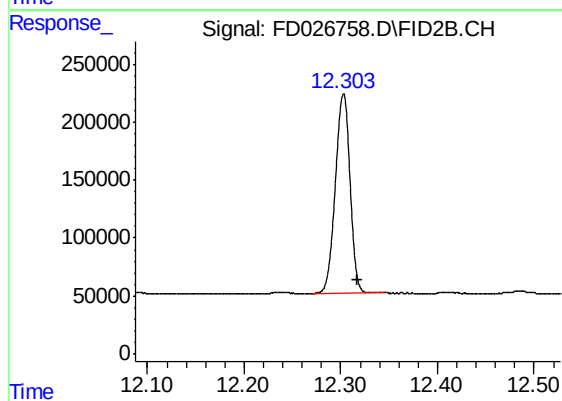
#10 Anthracene (C19.43)

R.T.: 10.571 min
Delta R.T.: -0.015 min
Response: 1717090
Conc: 19.61 ug/ml



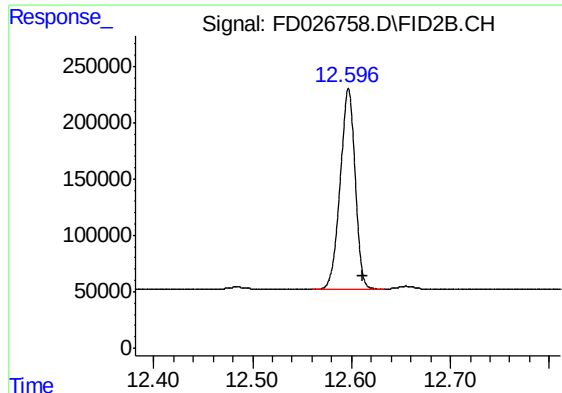
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: -0.013 min
Response: 1671034
Conc: 19.71 ug/ml



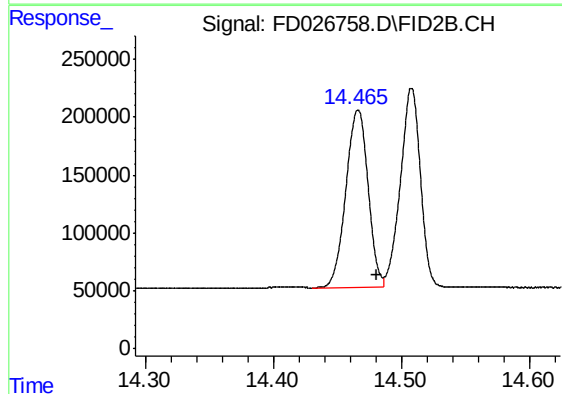
#12 Fluoranthene (C21.85)

R.T.: 12.303 min
Delta R.T.: -0.015 min
Response: 1833438
Conc: 21.05 ug/ml



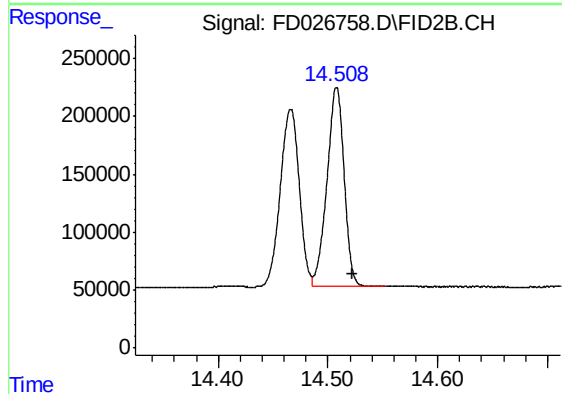
#13 Pyrene (C20.8)

R.T.: 12.597 min
Delta R.T.: -0.014 min
Response: 1867160
Conc: 21.54 ug/ml



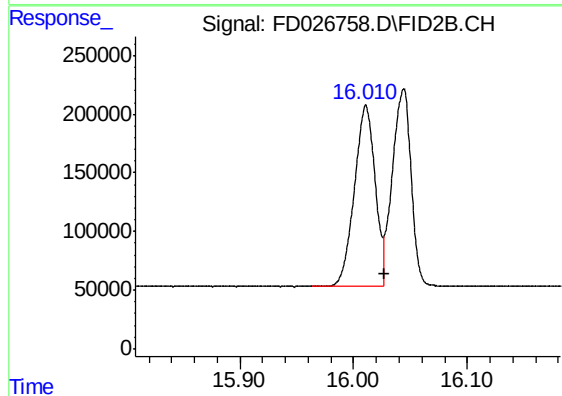
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.466 min
Delta R.T.: -0.014 min
Response: 1858480
Conc: 21.85 ug/ml



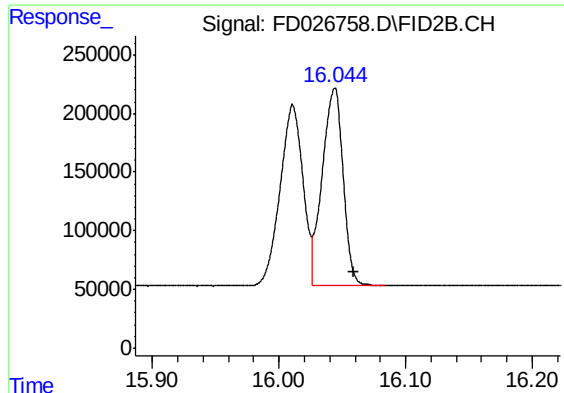
#15 Chrysene (C27.41)

R.T.: 14.508 min
Delta R.T.: -0.014 min
Response: 1884126
Conc: 21.99 ug/ml



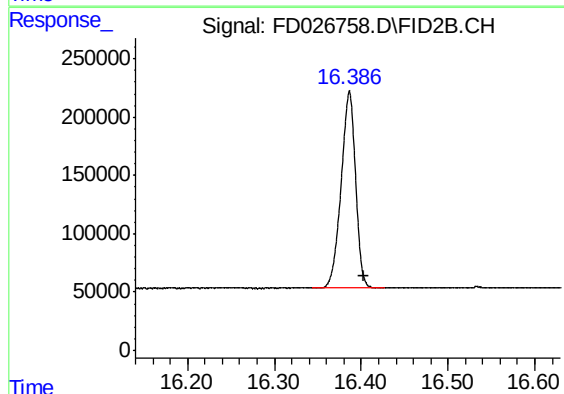
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.011 min
Delta R.T.: -0.016 min
Response: 1946262
Conc: 20.91 ug/ml



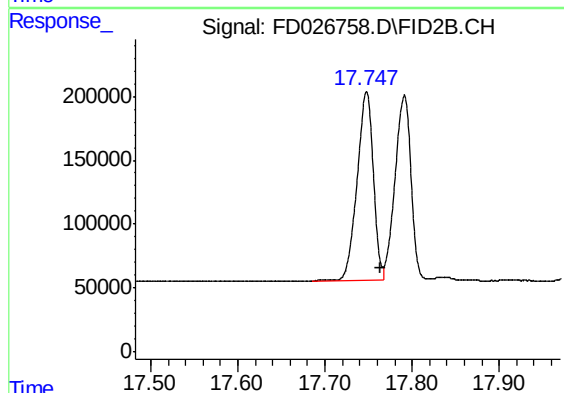
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.044 min
Delta R.T.: -0.015 min
Response: 1941783
Conc: 20.97 ug/ml



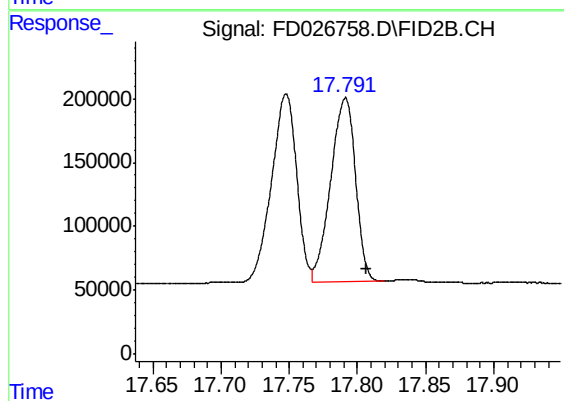
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: -0.016 min
Response: 1944325
Conc: 20.60 ug/ml



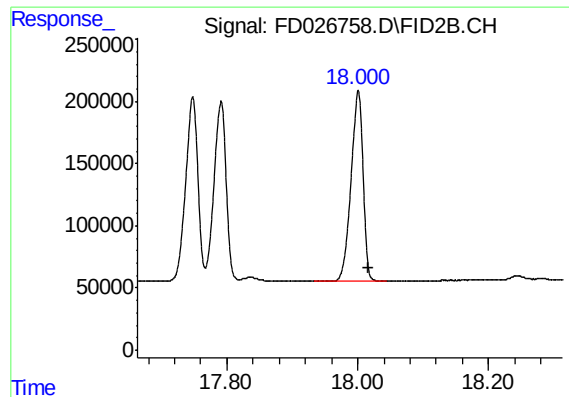
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.748 min
Delta R.T.: -0.017 min
Response: 1893504
Conc: 19.72 ug/ml



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

R.T.: 17.791 min
Delta R.T.: -0.016 min
Response: 1825305
Conc: 19.45 ug/ml



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

R.T.: 18.001 min
Delta R.T.: -0.016 min
Response: 1947613
Conc: 19.81 ug/ml