

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111318AR\
 Data File : FD026618.D
 Signal(s) : FID2B.CH
 Acq On : 14 Nov 2018 9:58
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 14 10:48:06 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...	7.389	1586569	20.896 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
6) S 2-Fluorobiphenyl (SURR)	8.239	1124392	21.503 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.01%
11) S ortho-Terphenyl (SURR)	11.282	1945913	22.958 ug/ml
Spiked Amount 50.000		Recovery =	45.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.192	1740217	21.801 ug/ml
2) T Naphthalene (C11.7)	5.724	1866390	21.267 ug/ml
3) T 2-Methylnaphthalene (...)	6.774	1832484	21.142 ug/ml
5) T Acenaphthylene (C15.06)	8.043	1801677	21.256 ug/ml
7) T Acenaphthene (C15.5)	8.338	1891226	21.391 ug/ml
8) T Flouorene (C16.55)	9.116	1901191	21.572 ug/ml
9) T Phenanthrene (C19.36)	10.506	1992249	22.694 ug/ml
10) T Anthracene (C19.43)	10.580	1986410	22.688 ug/ml
12) T Fluoranthene (C21.85)	12.312	2138090	24.550 ug/ml
13) T Pyrene (C20.8)	12.605	2159777	24.918 ug/ml
14) T Benzo[a]anthracene (C...	14.474	2121276	24.945 ug/mlm
15) T Chrysene (C27.41)	14.516	2129020	24.844 ug/mlm
16) T benzo[b]fluoranthene ...	16.021	2168814	23.297 ug/ml
17) T Bnezo[k]fluoranthene ...	16.054	2203066	23.791 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.396	2147873	22.756 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.759	2054463	21.395 ug/ml
20) T Dibenz[a,h]anthracene...	17.800	2050779	21.848 ug/ml
21) T Benzo[g,h,i]perylene ...	18.011	2065980	21.015 ug/ml

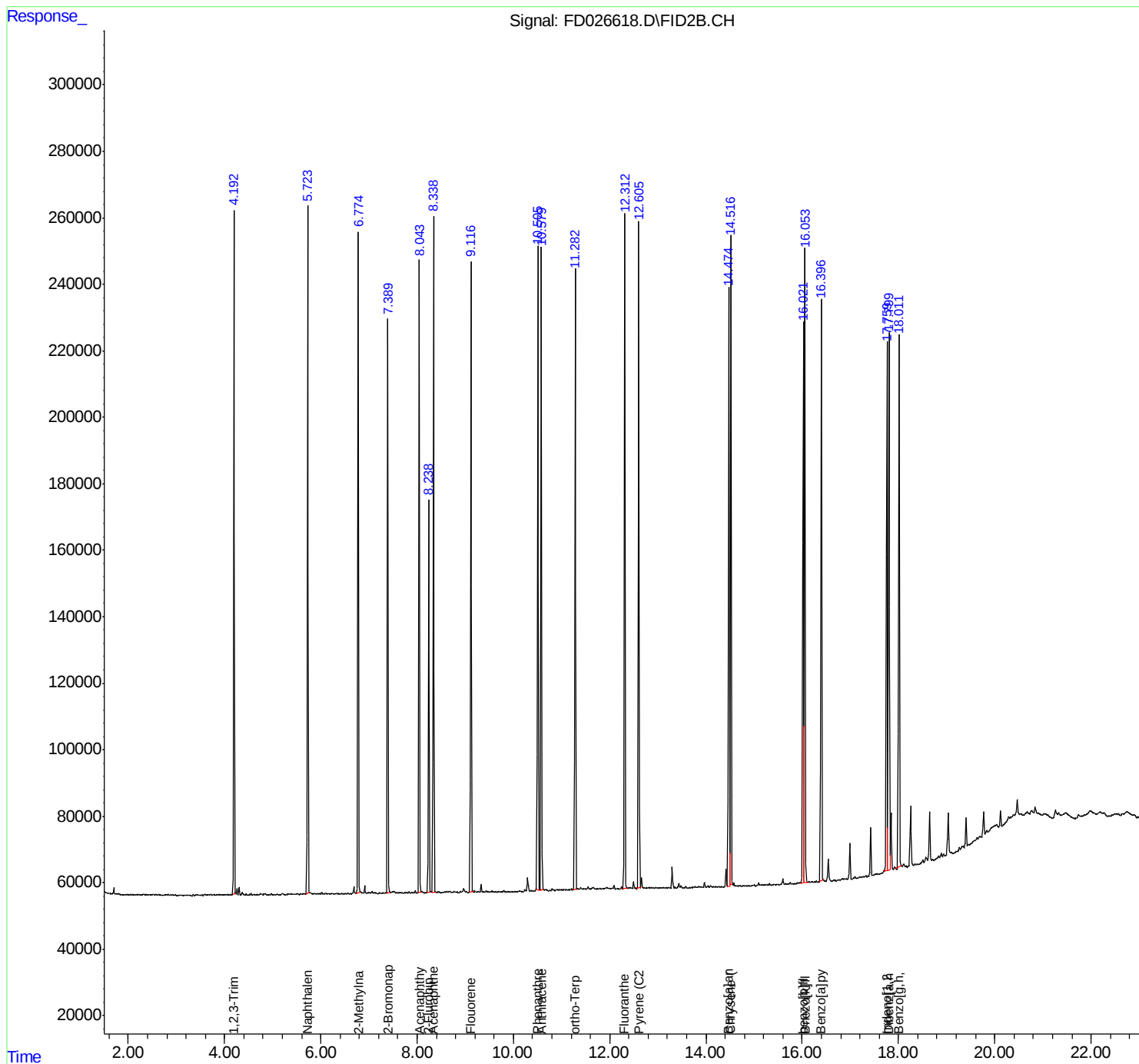
(f)=RT Delta > 1/2 Window

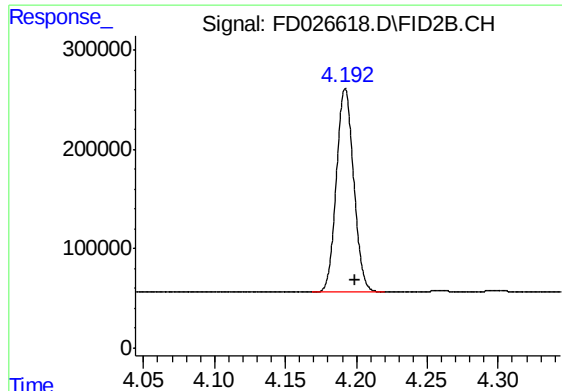
(m)=manual int.

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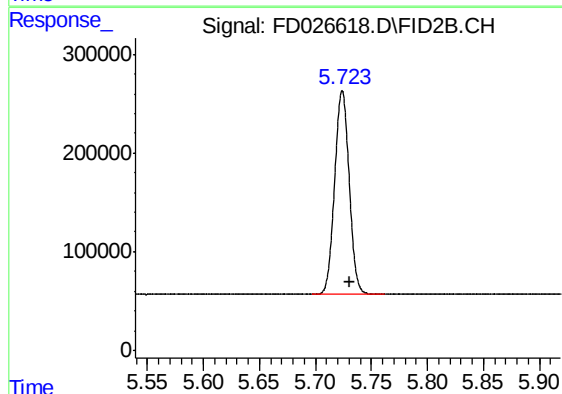
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Signal Info : 20M x 0.18mm x 0.18µm





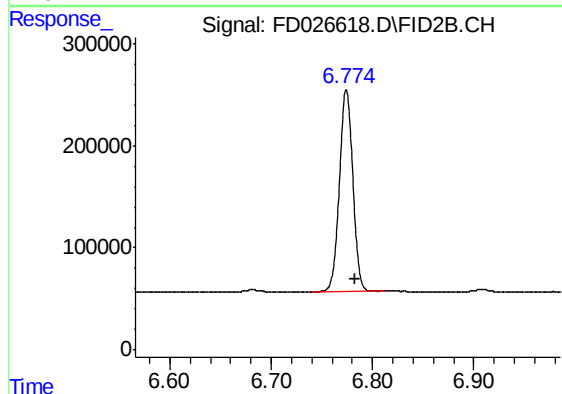
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.192 min
Delta R.T.: -0.007 min
Response: 1740217
Conc: 21.80 ug/ml



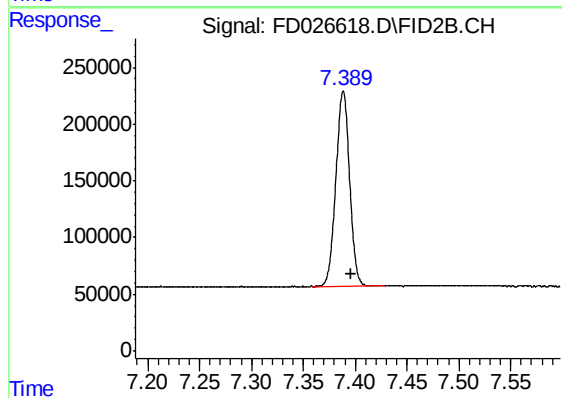
#2 Naphthalene (C11.7)

R.T.: 5.724 min
Delta R.T.: -0.007 min
Response: 1866390
Conc: 21.27 ug/ml



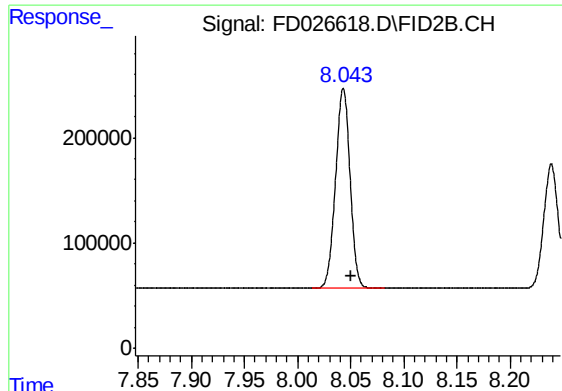
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.774 min
Delta R.T.: -0.008 min
Response: 1832484
Conc: 21.14 ug/ml



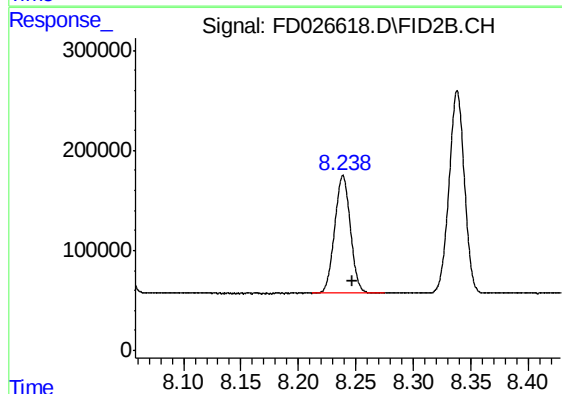
#4 2-Bromonaphthalene (SURR)

R.T.: 7.389 min
Delta R.T.: -0.007 min
Response: 1586569
Conc: 20.90 ug/ml



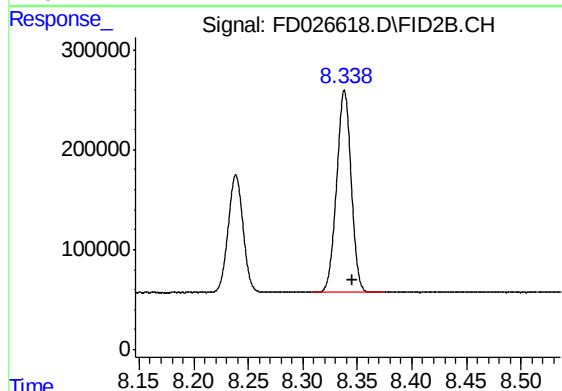
#5 Acenaphthylene (C15.06)

R.T.: 8.043 min
Delta R.T.: -0.007 min
Response: 1801677
Conc: 21.26 ug/ml



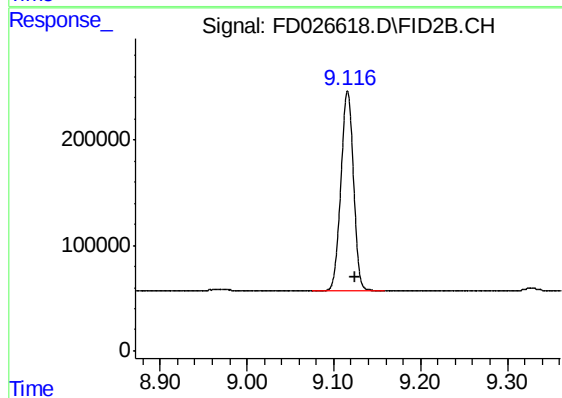
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.239 min
Delta R.T.: -0.008 min
Response: 1124392
Conc: 21.50 ug/ml



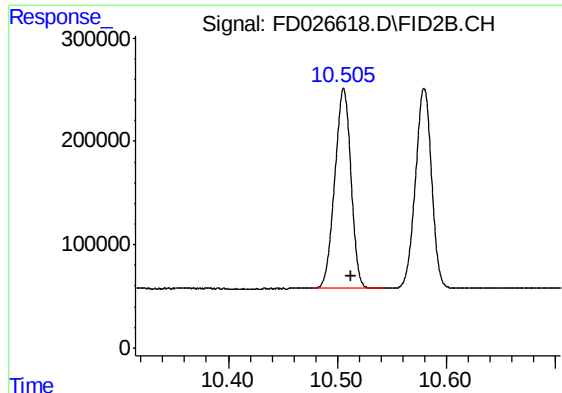
#7 Acenaphthene (C15.5)

R.T.: 8.338 min
Delta R.T.: -0.008 min
Response: 1891226
Conc: 21.39 ug/ml



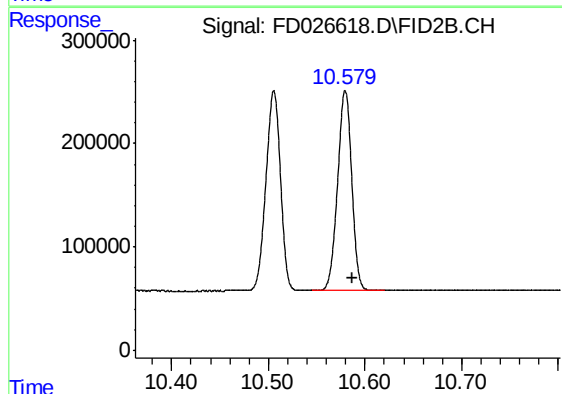
#8 Fluorene (C16.55)

R.T.: 9.116 min
Delta R.T.: -0.008 min
Response: 1901191
Conc: 21.57 ug/ml



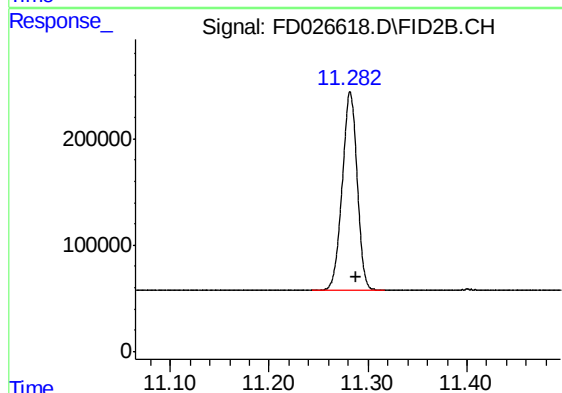
#9 Phenanthrene (C19.36)

R.T.: 10.506 min
Delta R.T.: -0.007 min
Response: 1992249
Conc: 22.69 ug/ml



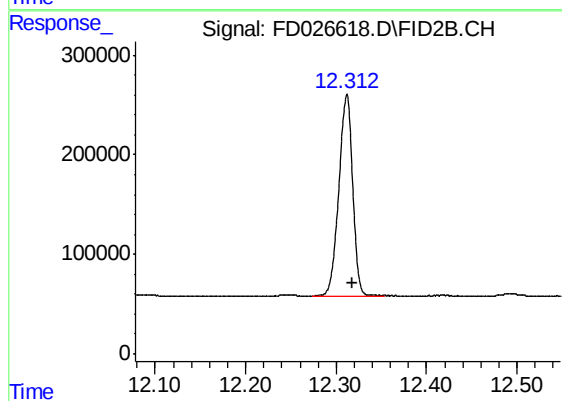
#10 Anthracene (C19.43)

R.T.: 10.580 min
Delta R.T.: -0.007 min
Response: 1986410
Conc: 22.69 ug/ml



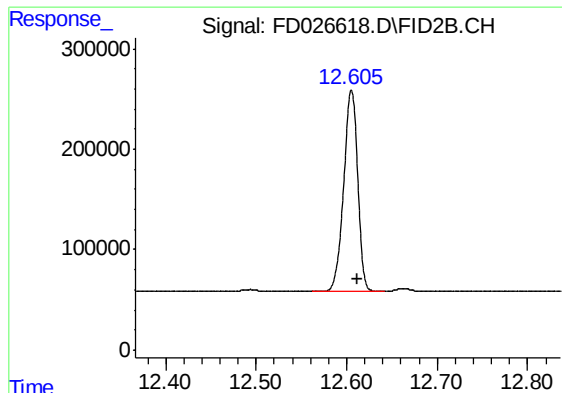
#11 ortho-Terphenyl (SURR)

R.T.: 11.282 min
Delta R.T.: -0.006 min
Response: 1945913
Conc: 22.96 ug/ml



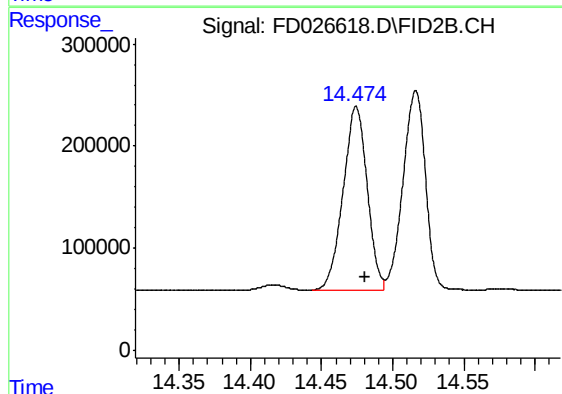
#12 Fluoranthene (C21.85)

R.T.: 12.312 min
Delta R.T.: -0.006 min
Response: 2138090
Conc: 24.55 ug/ml



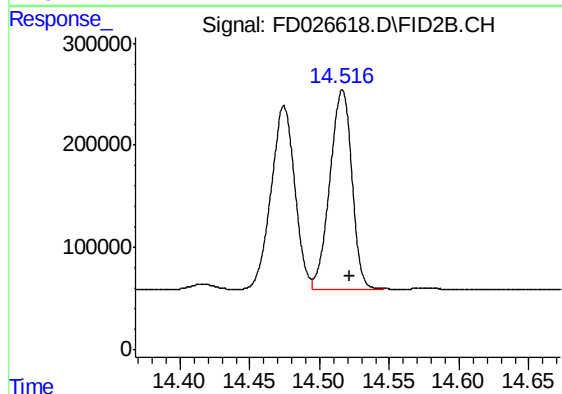
#13 Pyrene (C20.8)

R.T.: 12.605 min
Delta R.T.: -0.006 min
Response: 2159777
Conc: 24.92 ug/ml



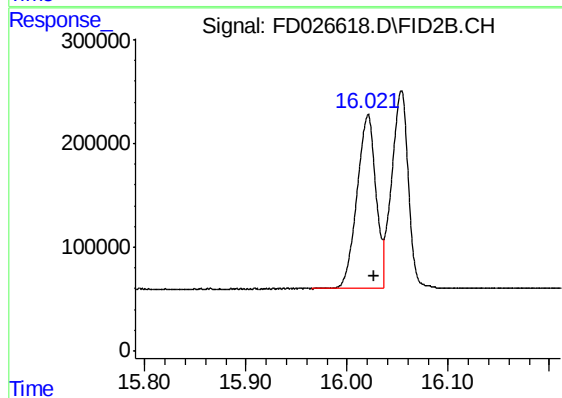
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.474 min
Delta R.T.: -0.007 min
Response: 2121276
Conc: 24.95 ug/ml m



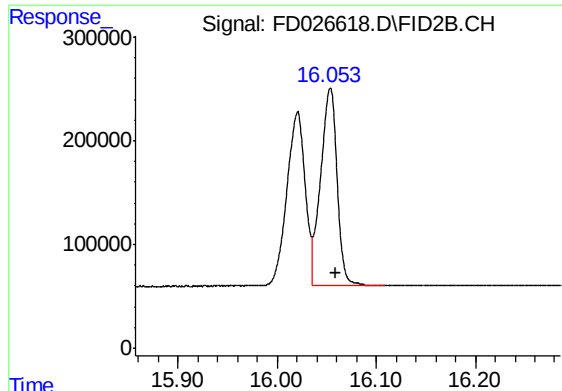
#15 Chrysene (C27.41)

R.T.: 14.516 min
Delta R.T.: -0.006 min
Response: 2129020
Conc: 24.84 ug/ml m



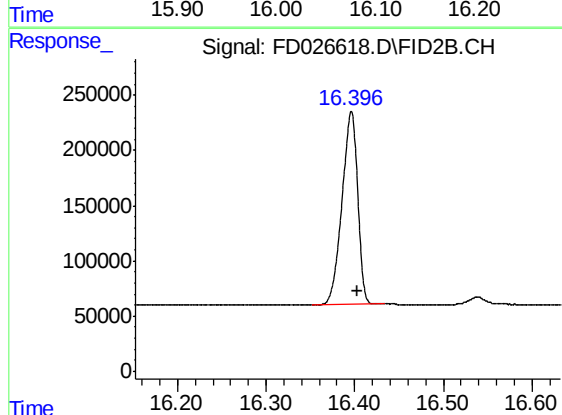
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.021 min
Delta R.T.: -0.007 min
Response: 2168814
Conc: 23.30 ug/ml



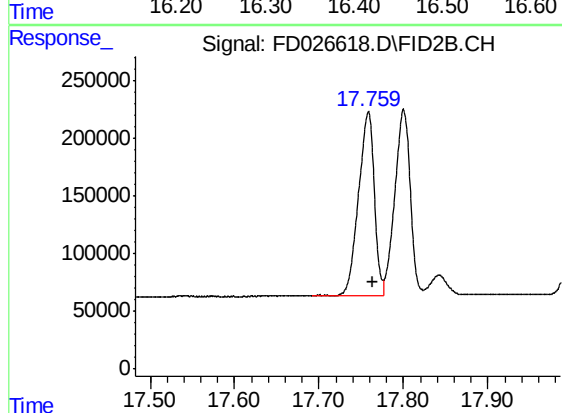
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.054 min
Delta R.T.: -0.005 min
Response: 2203066
Conc: 23.79 ug/ml



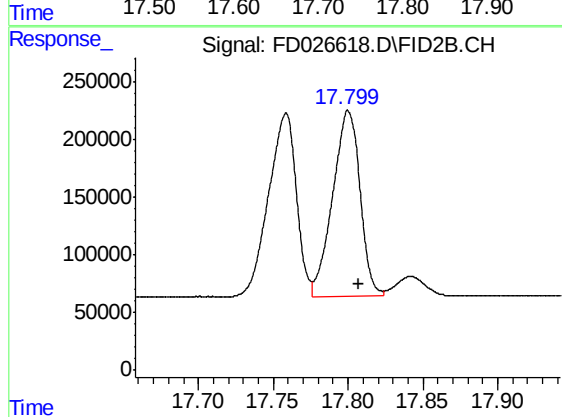
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.396 min
Delta R.T.: -0.006 min
Response: 2147873
Conc: 22.76 ug/ml



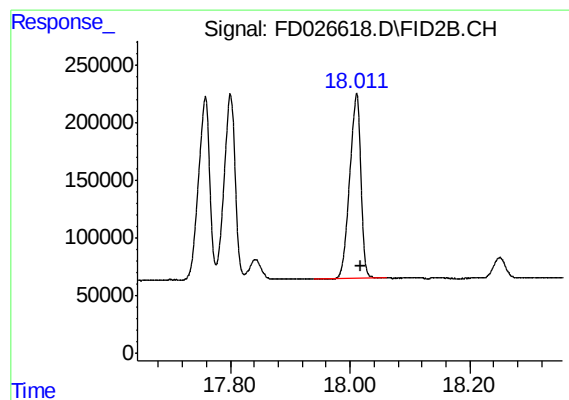
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.759 min
Delta R.T.: -0.006 min
Response: 2054463
Conc: 21.39 ug/ml



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

R.T.: 17.800 min
Delta R.T.: -0.007 min
Response: 2050779
Conc: 21.85 ug/ml



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

R.T.: 18.011 min
Delta R.T.: -0.006 min
Response: 2065980
Conc: 21.01 ug/ml