

Data Path : \\74.0.250.170\Terastorage\pestpcbsrv\HPCHEM1\FID_D\Data\FD110418AR\
 Data File : FD026330.D
 Signal(s) : FID2B.CH
 Acq On : 05 Nov 2018 12:42
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 05 13:06:49 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 11:23:05 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...	7.404	1612542	21.812 ug/ml
Spiked Amount 50.000		Recovery =	43.62%
6) S 2-Fluorobiphenyl (SURR)	8.255	1123072	21.878 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.76%
11) S ortho-Terphenyl (SURR)	11.299	1833750	23.212 ug/ml
Spiked Amount 50.000		Recovery =	46.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.206	1757160	21.964 ug/ml
2) T Naphthalene (C11.7)	5.739	1870698	21.768 ug/ml
3) T 2-Methylnaphthalene (...)	6.790	1826375	21.737 ug/ml
5) T Acenaphthylene (C15.06)	8.059	1768626	21.773 ug/ml
7) T Acenaphthene (C15.5)	8.354	1847523	21.806 ug/ml
8) T Fluorene (C16.55)	9.133	1840244	21.826 ug/ml
9) T Phenanthrene (C19.36)	10.523	1907087	22.618 ug/ml
10) T Anthracene (C19.43)	10.597	1862780	22.650 ug/ml
12) T Fluoranthene (C21.85)	12.330	2004502	23.555 ug/ml
13) T Pyrene (C20.8)	12.624	2027393	23.654 ug/ml
14) T Benzo[a]anthracene (C...	14.493	1988775	23.906 ug/ml
15) T Chrysene (C27.41)	14.535	2003798	23.852 ug/ml
16) T benzo[b]fluoranthene ...	16.039	2042722	22.828 ug/ml
17) T Bnezo[k]fluoranthene ...	16.072	2046826	22.962 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.415	2023128	22.436 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.778	1939423	20.694 ug/ml
20) T Dibenz[a,h]anthracene...	17.820	1914774	21.129 ug/ml
21) T Benzo[g,h,i]perylene ...	18.030	1982925	20.602 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Thu Oct 18 11:23:05 2018

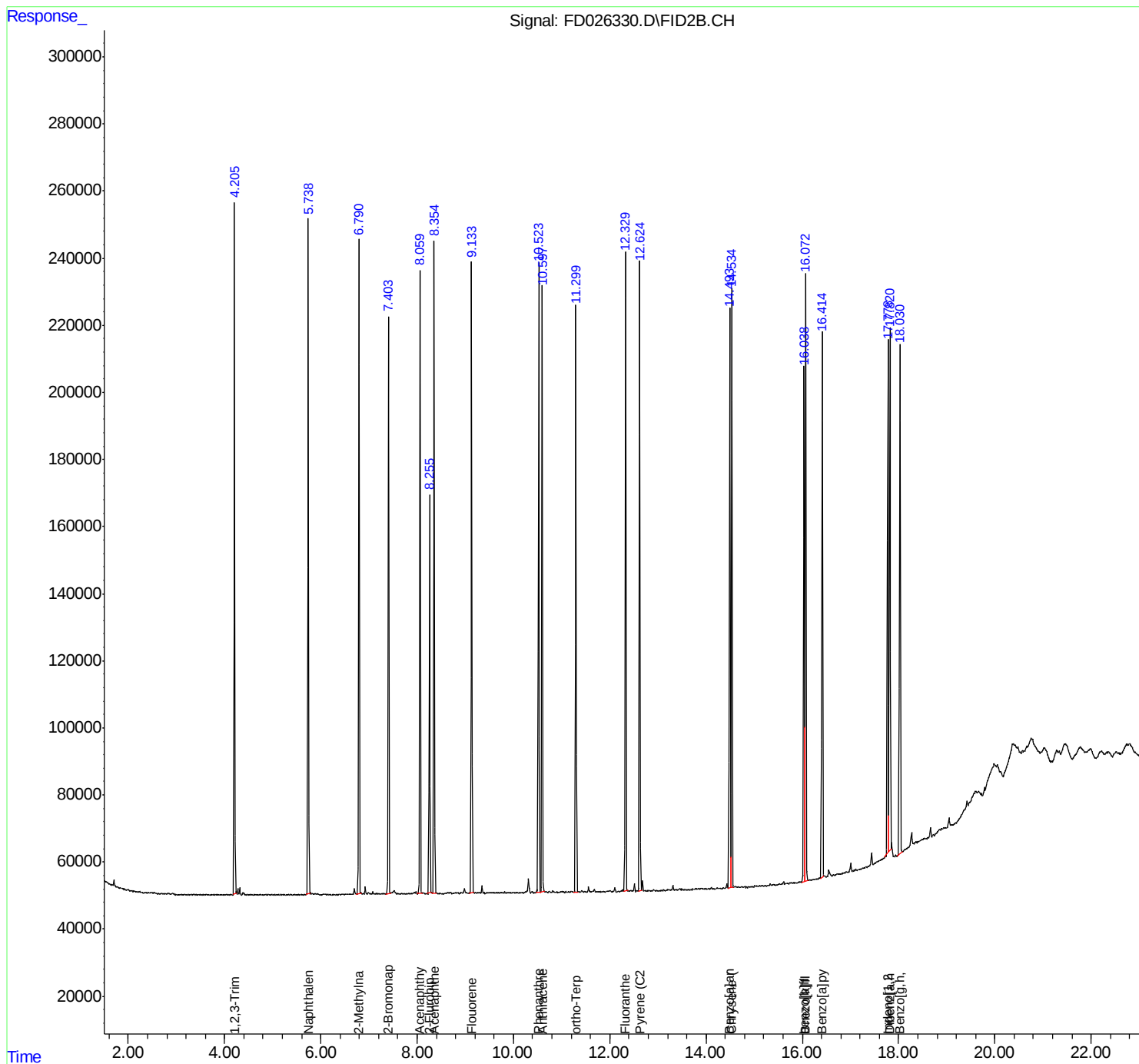
Response via : Initial Calibration

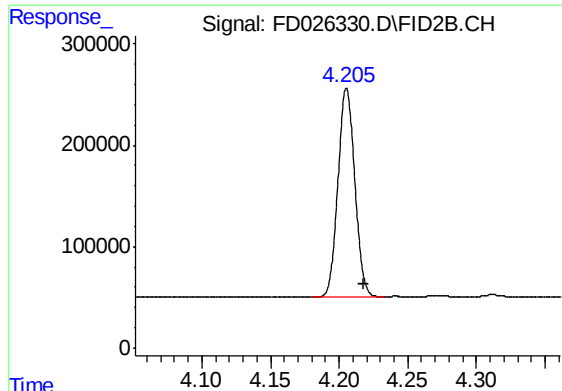
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

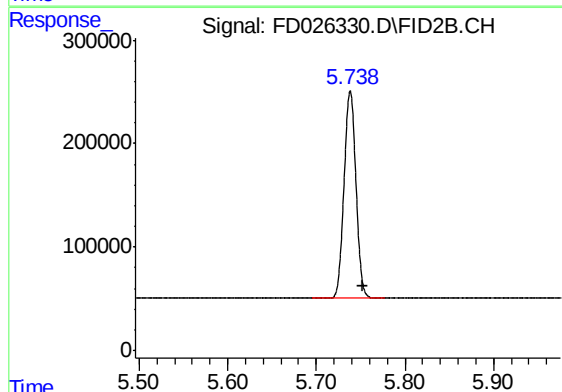
Signal Info : 20M x 0.18mm x 0.18µm





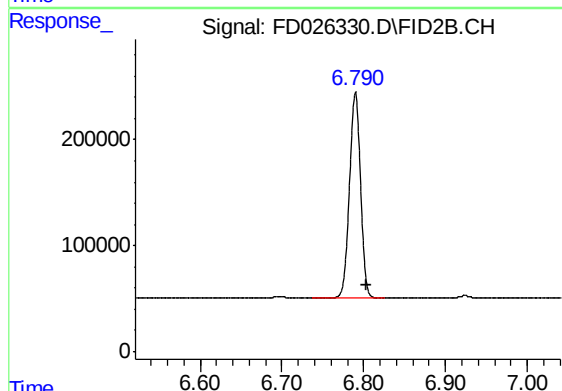
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.206 min
Delta R.T.: -0.012 min
Response: 1757160
Conc: 21.96 ug/ml



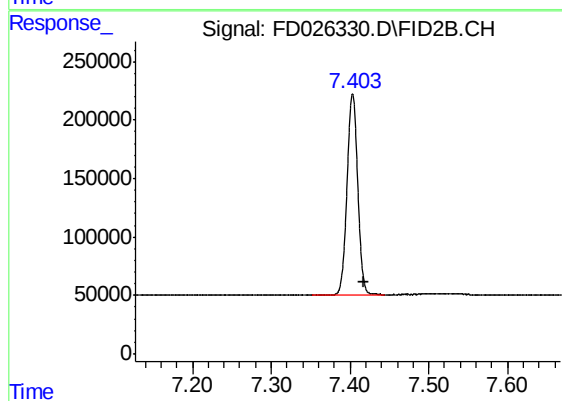
#2 Naphthalene (C11.7)

R.T.: 5.739 min
Delta R.T.: -0.014 min
Response: 1870698
Conc: 21.77 ug/ml



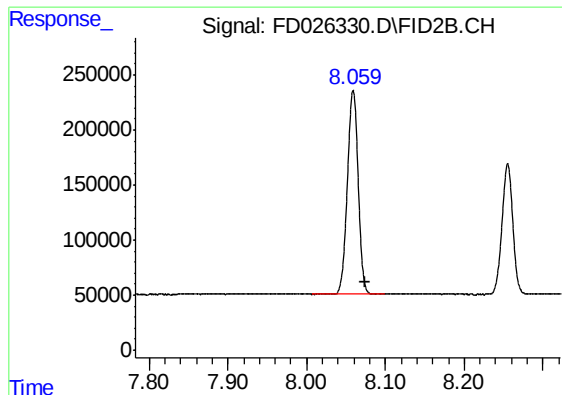
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.790 min
Delta R.T.: -0.014 min
Response: 1826375
Conc: 21.74 ug/ml



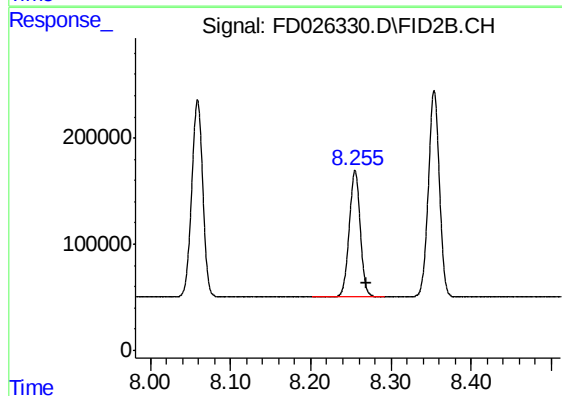
#4 2-Bromonaphthalene (SURR)

R.T.: 7.404 min
Delta R.T.: -0.015 min
Response: 1612542
Conc: 21.81 ug/ml



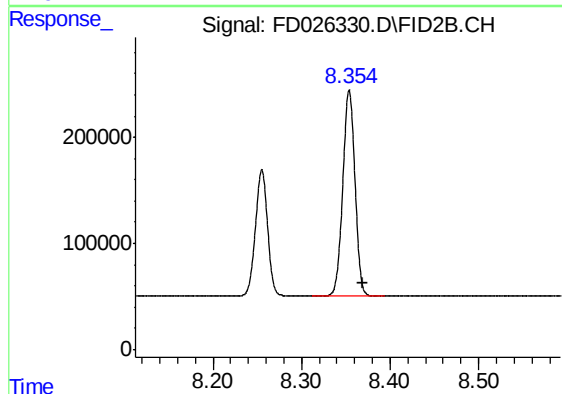
#5 Acenaphthylene (C15.06)

R.T.: 8.059 min
Delta R.T.: -0.014 min
Response: 1768626
Conc: 21.77 ug/ml



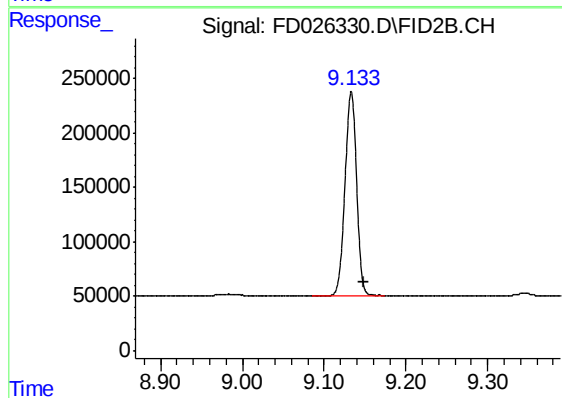
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.255 min
Delta R.T.: -0.014 min
Response: 1123072
Conc: 21.88 ug/ml



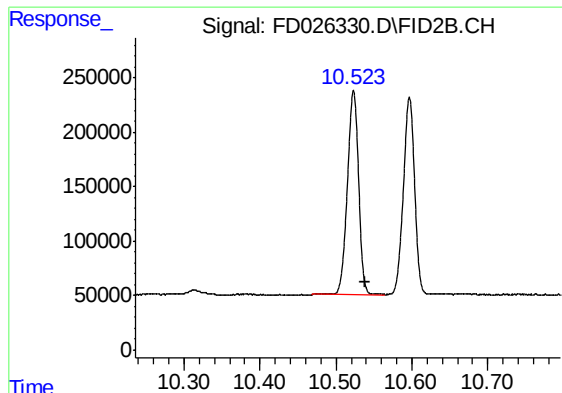
#7 Acenaphthene (C15.5)

R.T.: 8.354 min
Delta R.T.: -0.015 min
Response: 1847523
Conc: 21.81 ug/ml



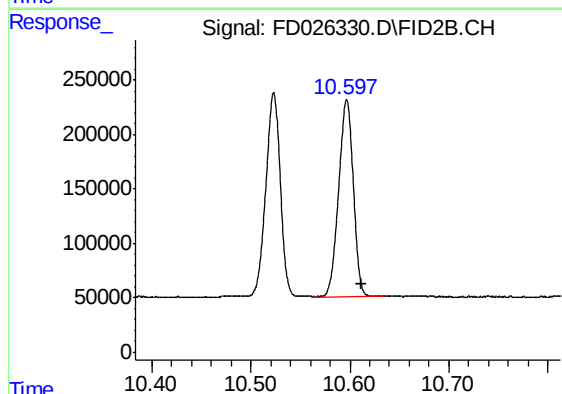
#8 Flouorene (C16.55)

R.T.: 9.133 min
Delta R.T.: -0.015 min
Response: 1840244
Conc: 21.83 ug/ml



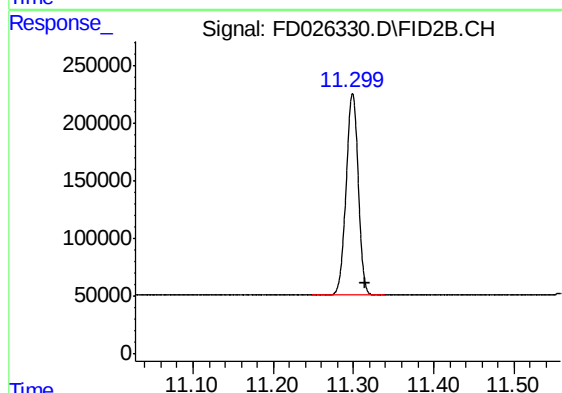
#9 Phenanthrene (C19.36)

R.T.: 10.523 min
Delta R.T.: -0.016 min
Response: 1907087
Conc: 22.62 ug/ml



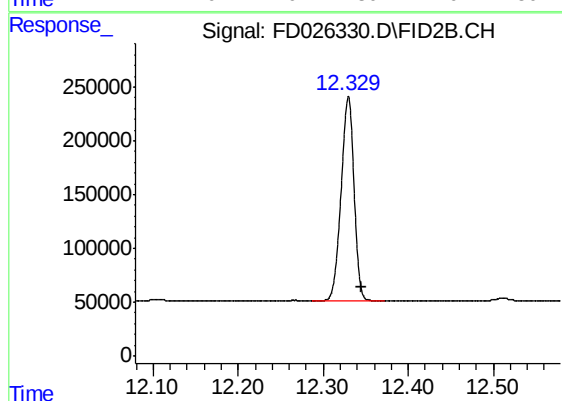
#10 Anthracene (C19.43)

R.T.: 10.597 min
Delta R.T.: -0.015 min
Response: 1862780
Conc: 22.65 ug/ml



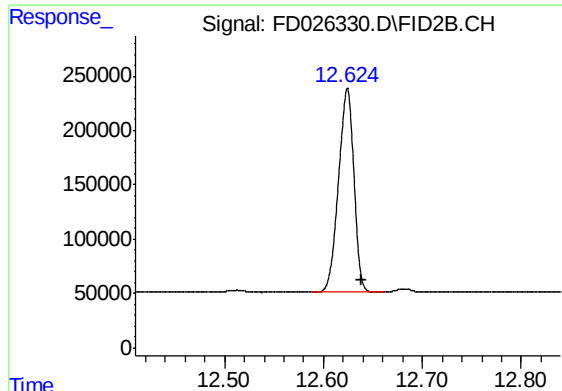
#11 ortho-Terphenyl (SURR)

R.T.: 11.299 min
Delta R.T.: -0.016 min
Response: 1833750
Conc: 23.21 ug/ml



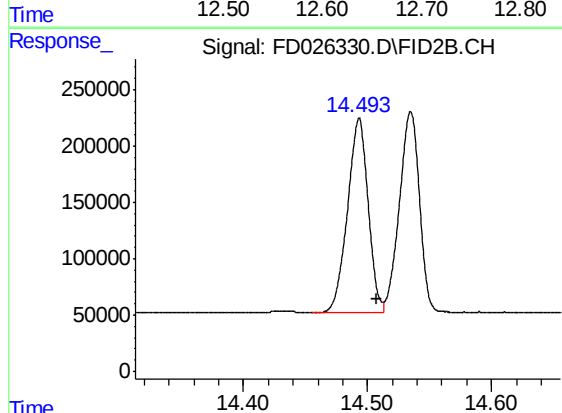
#12 Fluoranthene (C21.85)

R.T.: 12.330 min
Delta R.T.: -0.015 min
Response: 2004502
Conc: 23.55 ug/ml



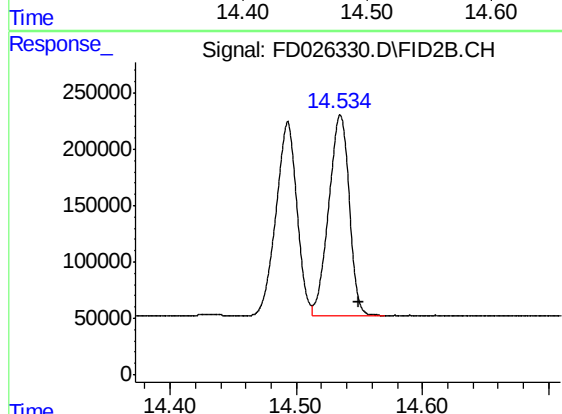
#13 Pyrene (C20.8)

R.T.: 12.624 min
Delta R.T.: -0.014 min
Response: 2027393
Conc: 23.65 ug/ml



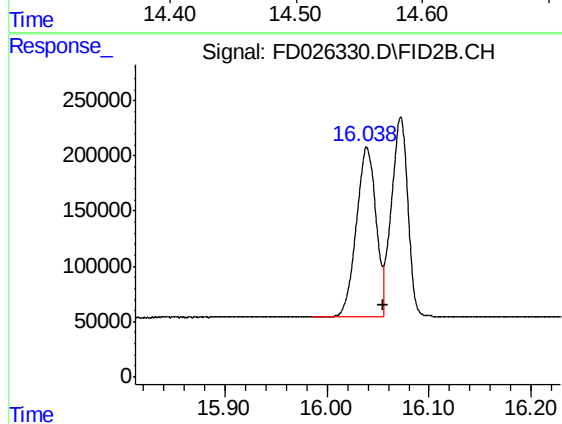
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.493 min
Delta R.T.: -0.014 min
Response: 1988775
Conc: 23.91 ug/ml



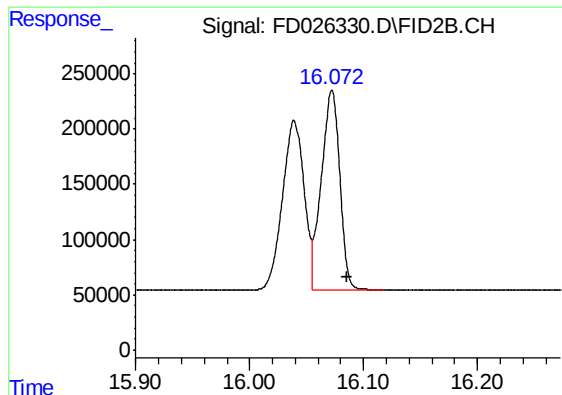
#15 Chrysene (C27.41)

R.T.: 14.535 min
Delta R.T.: -0.014 min
Response: 2003798
Conc: 23.85 ug/ml



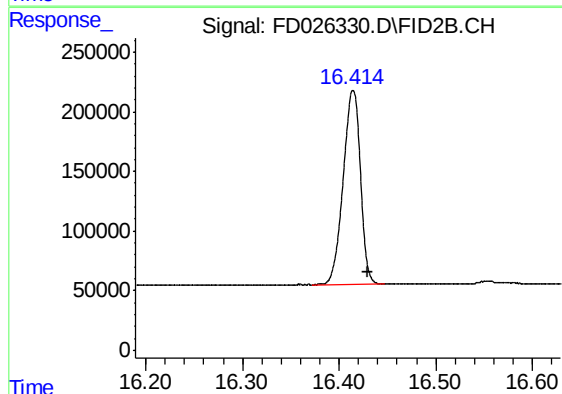
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.039 min
Delta R.T.: -0.015 min
Response: 2042722
Conc: 22.83 ug/ml



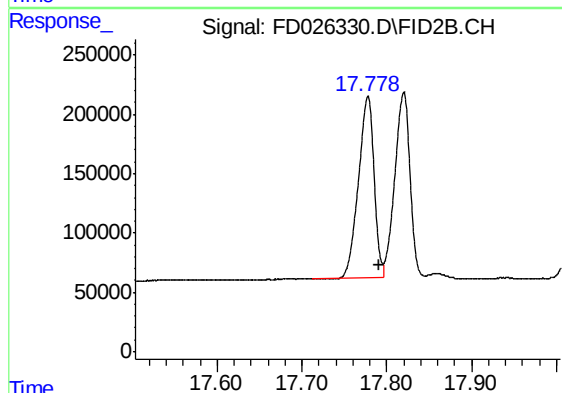
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.072 min
Delta R.T.: -0.014 min
Response: 2046826
Conc: 22.96 ug/ml



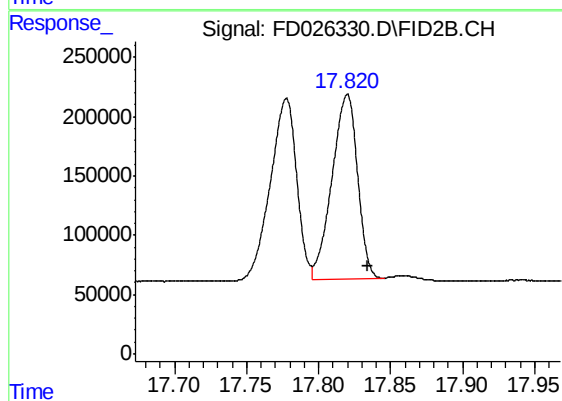
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.415 min
Delta R.T.: -0.015 min
Response: 2023128
Conc: 22.44 ug/ml



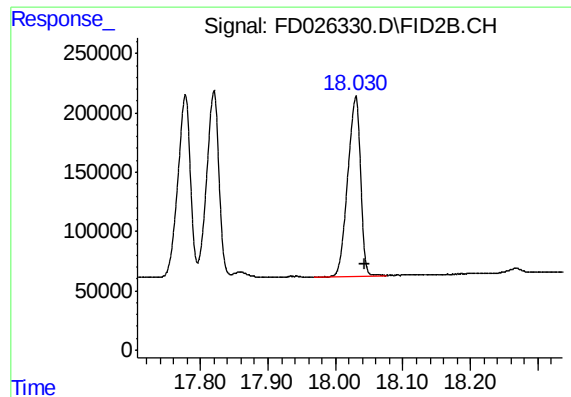
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.778 min
Delta R.T.: -0.014 min
Response: 1939423
Conc: 20.69 ug/ml



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

R.T.: 17.820 min
Delta R.T.: -0.014 min
Response: 1914774
Conc: 21.13 ug/ml



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

R.T.: 18.030 min
Delta R.T.: -0.013 min
Response: 1982925
Conc: 20.60 ug/ml