

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120518AR\
 Data File : FD026747.D
 Signal(s) : FID2B.CH
 Acq On : 05 Dec 2018 15:48
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 06 04:19:02 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	1339752	17.645 ug/ml
Spiked Amount 50.000		Recovery =	35.29%
6) S 2-Fluorobiphenyl (SURR)	8.230	934458	17.871 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.74%
11) S ortho-Terphenyl (SURR)	11.275	1541240	18.183 ug/ml
Spiked Amount 50.000		Recovery =	36.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.185	1509754	18.914 ug/ml
2) T Naphthalene (C11.7)	5.716	1601495	18.248 ug/ml
3) T 2-Methylnaphthalene (...)	6.766	1557502	17.970 ug/ml
5) T Acenaphthylene (C15.06)	8.034	1523996	17.980 ug/ml
7) T Acenaphthene (C15.5)	8.329	1589681	17.980 ug/ml
8) T Flouorene (C16.55)	9.108	1567155	17.782 ug/ml
9) T Phenanthrene (C19.36)	10.497	1606437	18.299 ug/ml
10) T Anthracene (C19.43)	10.571	1590440	18.165 ug/ml
12) T Fluoranthene (C21.85)	12.302	1688767	19.391 ug/ml
13) T Pyrene (C20.8)	12.595	1718384	19.826 ug/ml
14) T Benzo[a]anthracene (C...	14.465	1713318	20.148 ug/ml
15) T Chrysene (C27.41)	14.507	1736553	20.264 ug/ml
16) T benzo[b]fluoranthene ...	16.011	1803008	19.368 ug/ml
17) T Bnezo[k]fluoranthene ...	16.045	1804144	19.483 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.386	1803340	19.106 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.748	1740733	18.127 ug/ml
20) T Dibenz[a,h]anthracene...	17.792	1672000	17.812 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	1809817	18.409 ug/ml

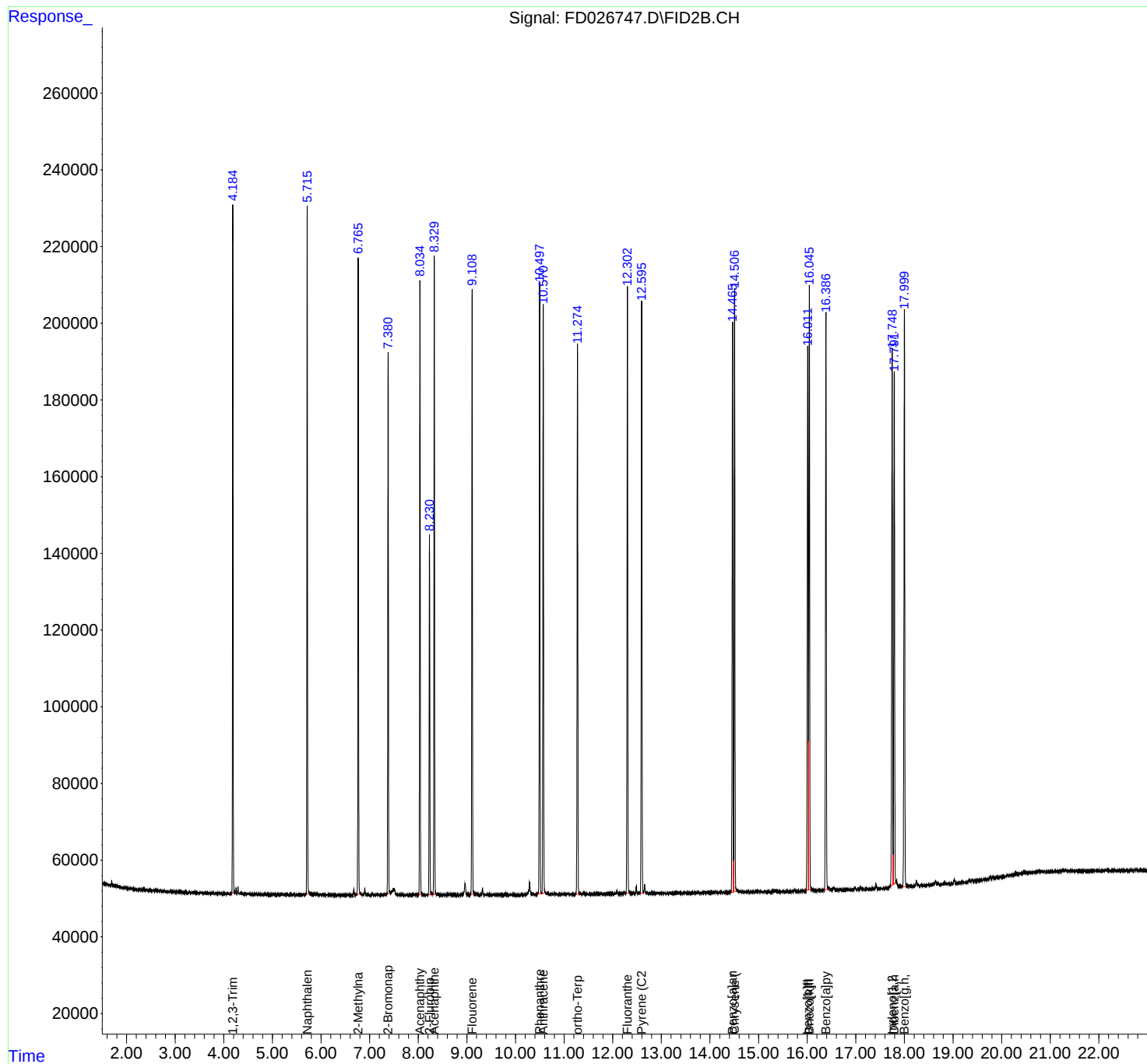
(f)=RT Delta > 1/2 Window

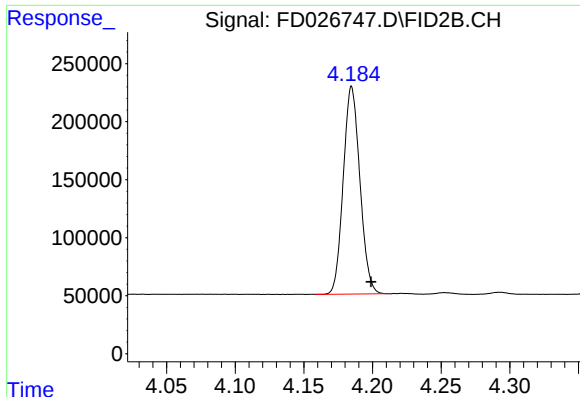
(m)=manual int.

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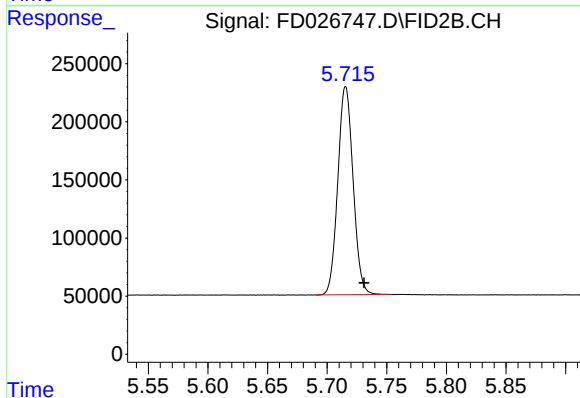
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





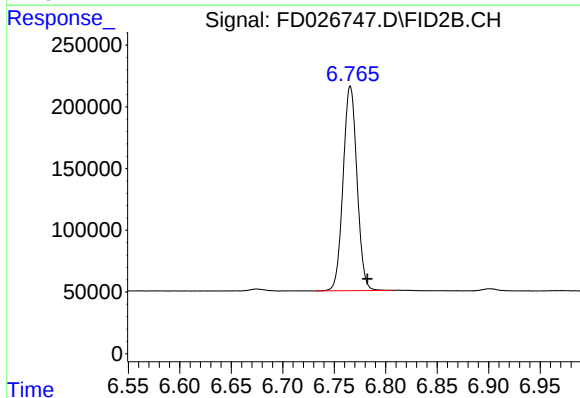
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.185 min
Delta R.T.: -0.014 min
Response: 1509754
Conc: 18.91 ug/ml



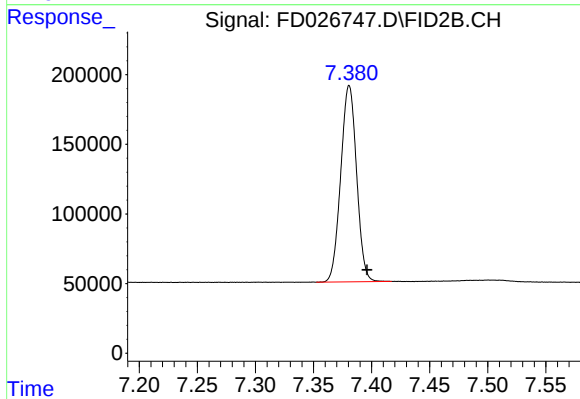
#2 Naphthalene (C11.7)

R.T.: 5.716 min
Delta R.T.: -0.015 min
Response: 1601495
Conc: 18.25 ug/ml



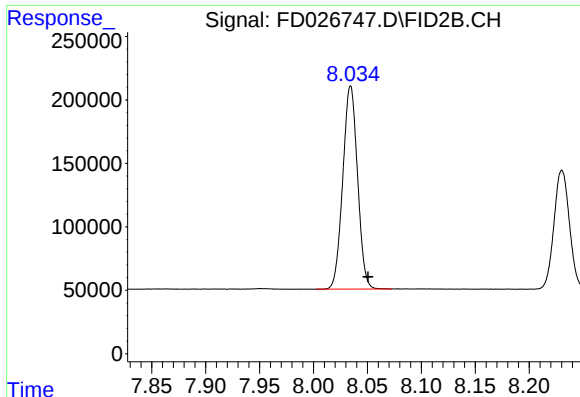
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.766 min
Delta R.T.: -0.017 min
Response: 1557502
Conc: 17.97 ug/ml



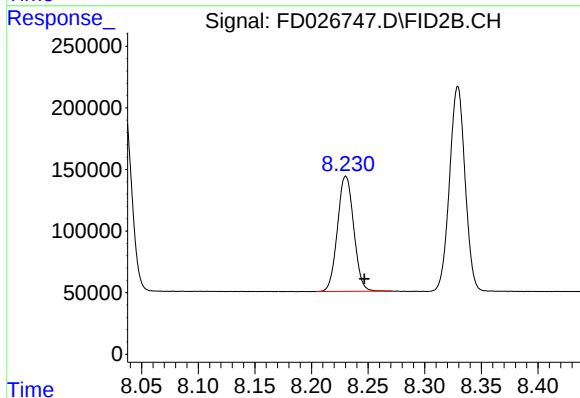
#4 2-Bromonaphthalene (SURR)

R.T.: 7.381 min
Delta R.T.: -0.015 min
Response: 1339752
Conc: 17.65 ug/ml



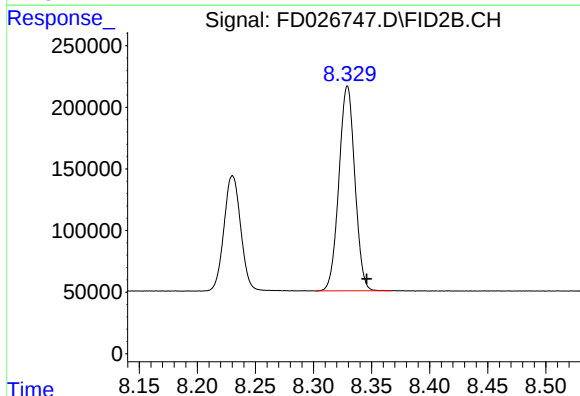
#5 Acenaphthylene (C15.06)

R.T.: 8.034 min
Delta R.T.: -0.016 min
Response: 1523996
Conc: 17.98 ug/ml



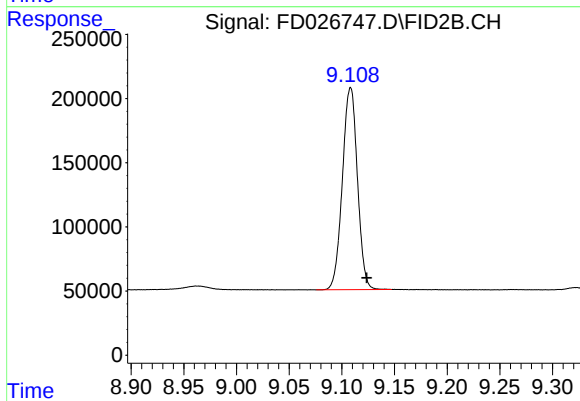
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.230 min
Delta R.T.: -0.016 min
Response: 934458
Conc: 17.87 ug/ml



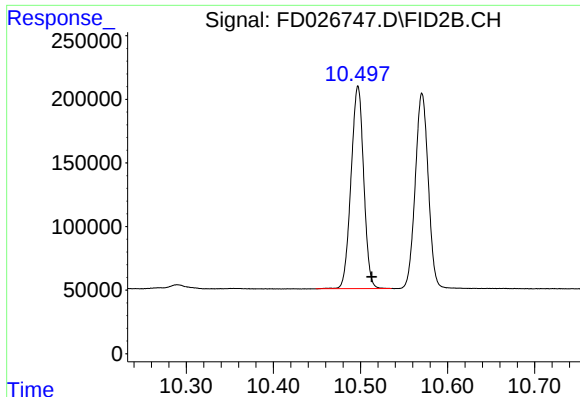
#7 Acenaphthene (C15.5)

R.T.: 8.329 min
Delta R.T.: -0.017 min
Response: 1589681
Conc: 17.98 ug/ml



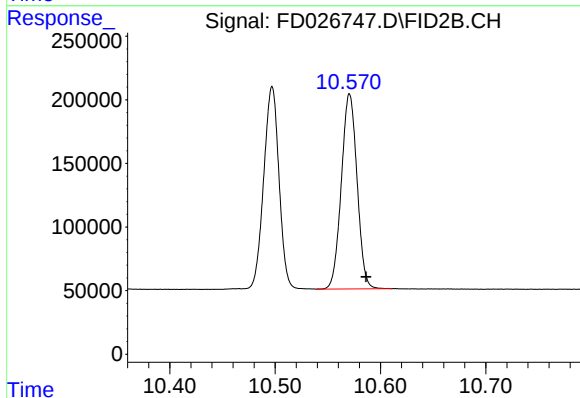
#8 Fluorene (C16.55)

R.T.: 9.108 min
Delta R.T.: -0.015 min
Response: 1567155
Conc: 17.78 ug/ml



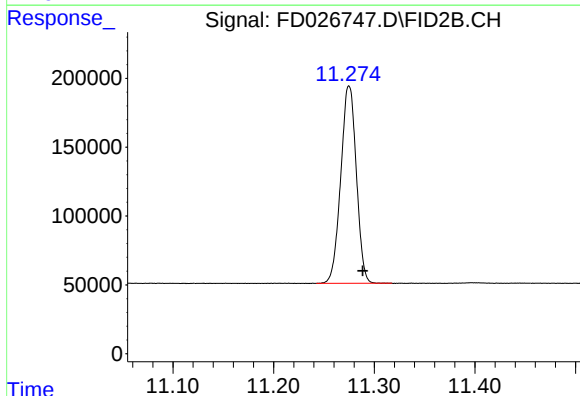
#9 Phenanthrene (C19.36)

R.T.: 10.497 min
Delta R.T.: -0.016 min
Response: 1606437
Conc: 18.30 ug/ml



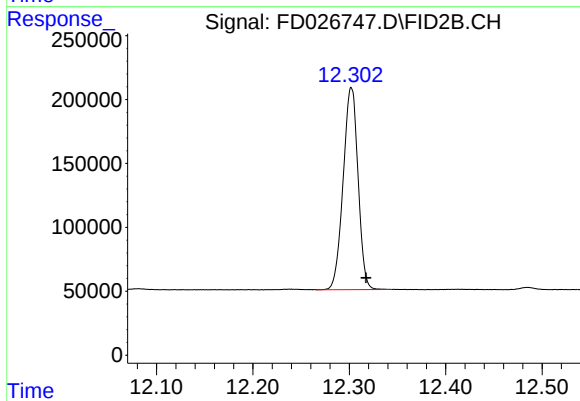
#10 Anthracene (C19.43)

R.T.: 10.571 min
Delta R.T.: -0.016 min
Response: 1590440
Conc: 18.17 ug/ml



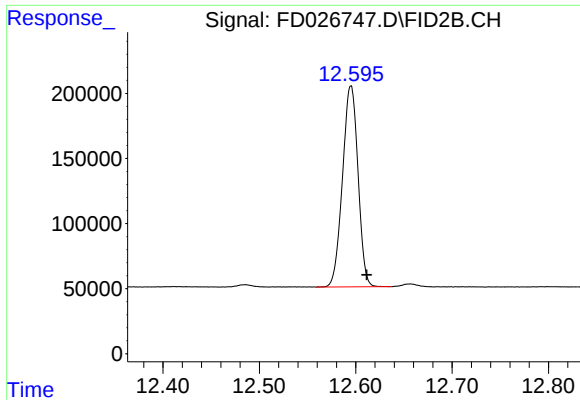
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: -0.013 min
Response: 1541240
Conc: 18.18 ug/ml



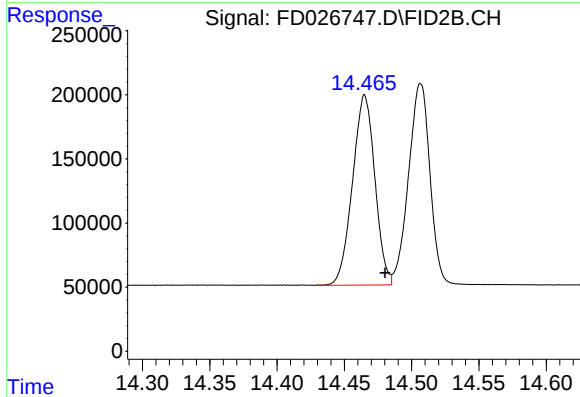
#12 Fluoranthene (C21.85)

R.T.: 12.302 min
Delta R.T.: -0.015 min
Response: 1688767
Conc: 19.39 ug/ml



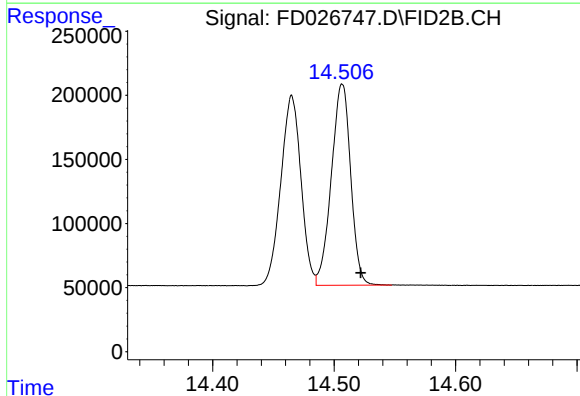
#13 Pyrene (C20.8)

R.T.: 12.595 min
Delta R.T.: -0.016 min
Response: 1718384
Conc: 19.83 ug/ml



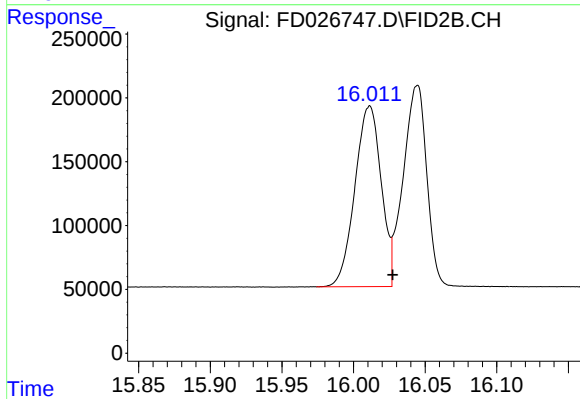
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: -0.015 min
Response: 1713318
Conc: 20.15 ug/ml



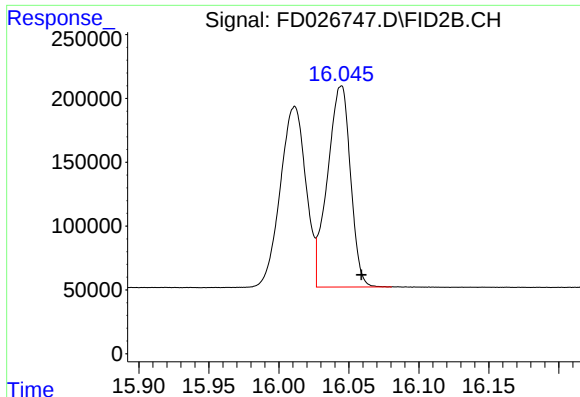
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: -0.015 min
Response: 1736553
Conc: 20.26 ug/ml



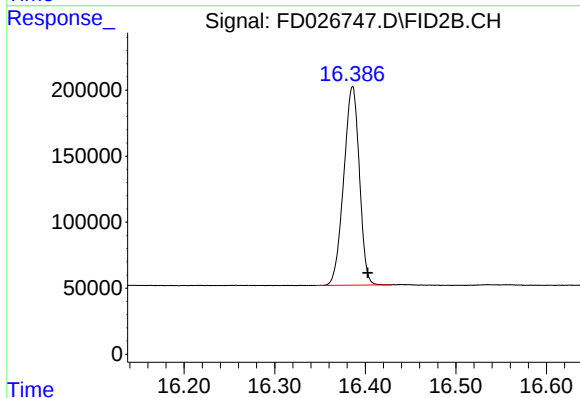
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.011 min
Delta R.T.: -0.016 min
Response: 1803008
Conc: 19.37 ug/ml



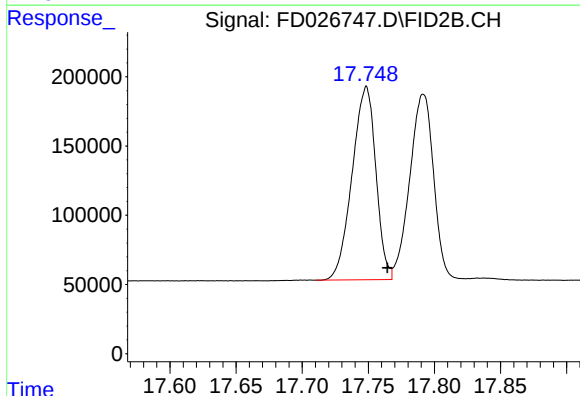
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.045 min
Delta R.T.: -0.015 min
Response: 1804144
Conc: 19.48 ug/ml



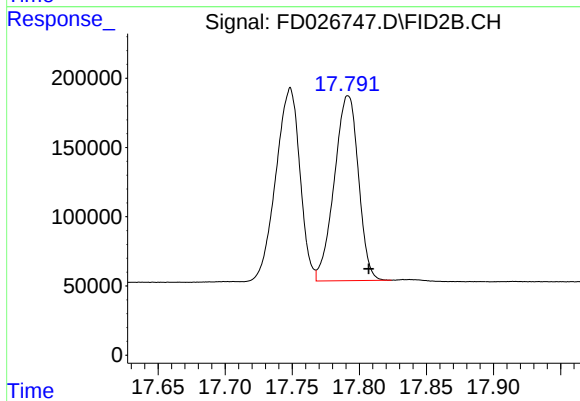
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: -0.017 min
Response: 1803340
Conc: 19.11 ug/ml



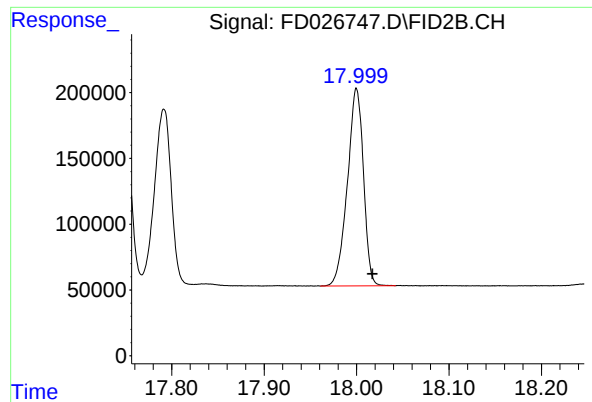
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.748 min
Delta R.T.: -0.016 min
Response: 1740733
Conc: 18.13 ug/ml



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

R.T.: 17.792 min
Delta R.T.: -0.015 min
Response: 1672000
Conc: 17.81 ug/ml



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

R.T.: 18.000 min
Delta R.T.: -0.017 min
Response: 1809817
Conc: 18.41 ug/ml