

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061220AR\
 Data File : FD033694.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jun 2020 18:39
 Operator : DD\AJ
 Sample : L2970-02D
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 13 00:07:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:14:43 2020
 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...	7.573	10446072	100.458 ug/ml
Spiked Amount 50.000		Recovery =	200.92%
6) S 2-Fluorobiphenyl (SURR)	8.436	7182619	103.918 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	207.84%#
11) S ortho-Terphenyl (SURR)	11.468	7973774	60.816 ug/ml
Spiked Amount 50.000		Recovery =	121.63%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.964	249358	2.100 ug/ml
5) T Acenaphthylene (C15.06)	8.222	295021	2.408 ug/ml
7) T Acenaphthene (C15.5)	8.527	888295	6.878 ug/ml
8) T Flouorene (C16.55)	9.307	729702	6.143 ug/ml
9) T Phenanthrene (C19.36)	10.704	4661194	38.000 ug/ml
10) T Anthracene (C19.43)	10.778	1348564	11.079 ug/ml
12) T Fluoranthene (C21.85)	12.516	4246988	33.688 ug/ml
13) T Pyrene (C20.8)	12.813	4727745	38.788 ug/ml
14) T Benzo[a]anthracene (C...	14.684	1590913	14.122 ug/ml
15) T Chrysene (C27.41)	14.725	1689883	13.000 ug/ml
16) T benzo[b]fluoranthene ...	16.242	1765567	15.463 ug/ml
17) T Bnezo[k]fluoranthene ...	16.269	607626	4.882 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.622	1309195	11.166 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.997	1054725	10.332 ug/ml
20) T Dibenz[a,h]anthracene...	18.036	227607	1.886 ug/ml
21) T Benzo[g,h,i]perylene ...	18.248	954532	8.567 ug/ml

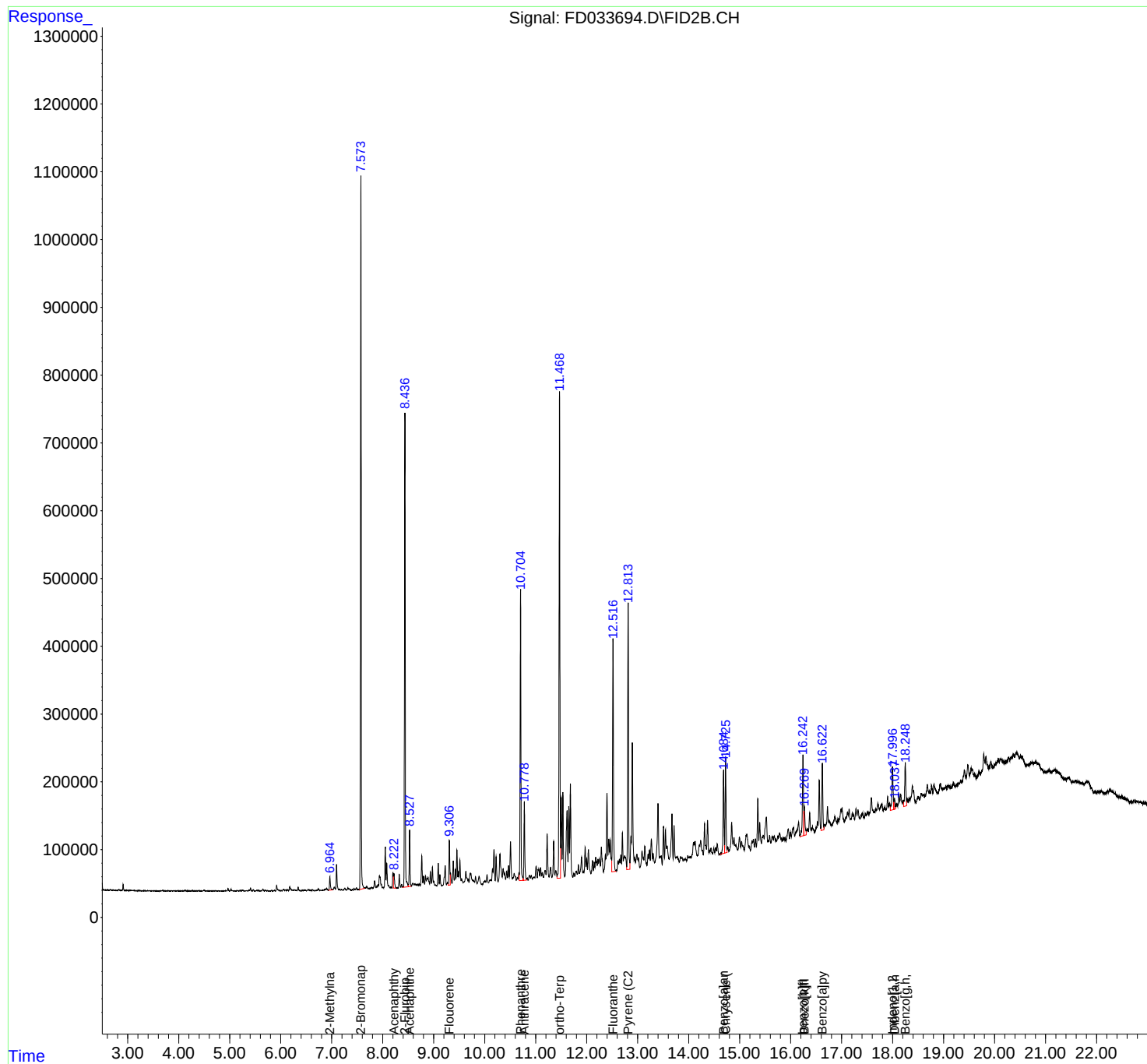
(f)=RT Delta > 1/2 Window

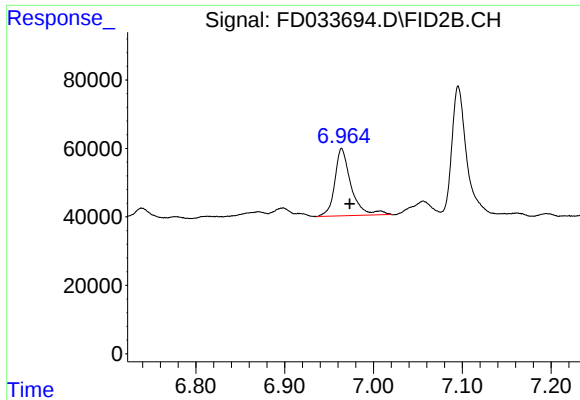
(m)=manual int.

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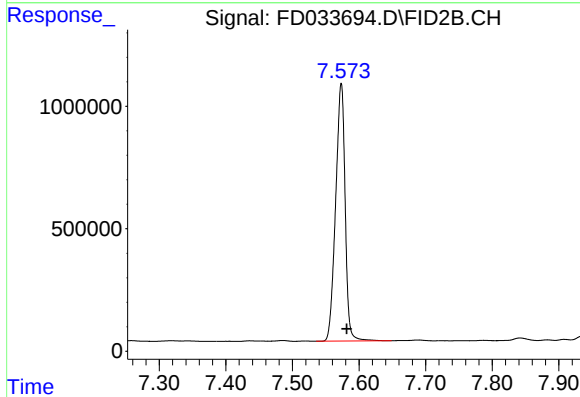
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Signal Info : 20M x 0.18mm x 0.18µm





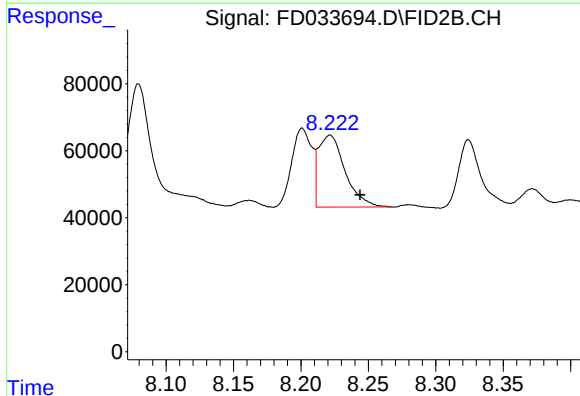
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.964 min
Delta R.T.: -0.009 min
Response: 249358
Conc: 2.10 ug/ml



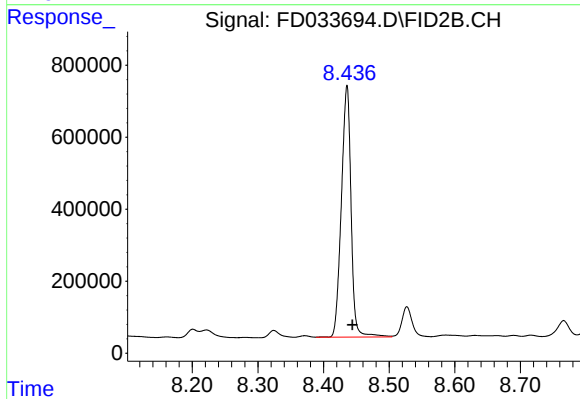
#4 2-Bromonaphthalene (SURR)

R.T.: 7.573 min
Delta R.T.: -0.008 min
Response: 10446072
Conc: 100.46 ug/ml



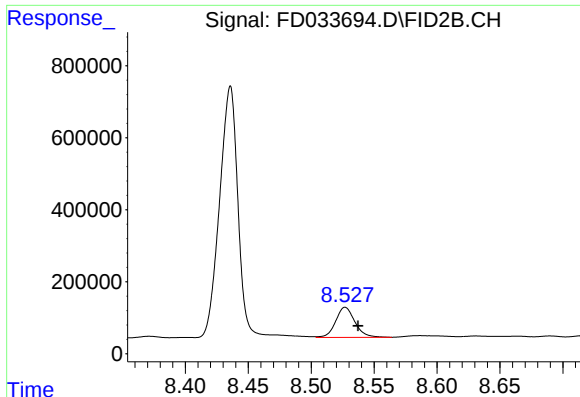
#5 Acenaphthylene (C15.06)

R.T.: 8.222 min
Delta R.T.: -0.022 min
Response: 295021
Conc: 2.41 ug/ml



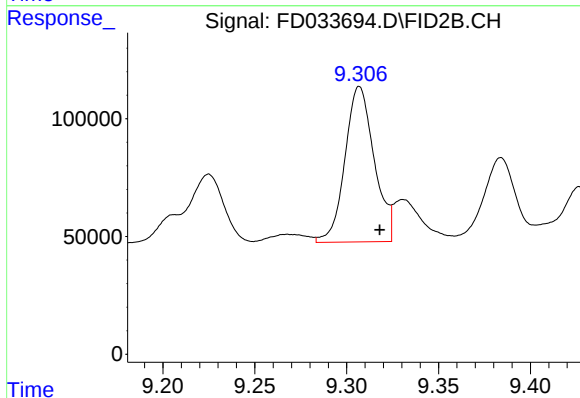
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.436 min
Delta R.T.: -0.008 min
Response: 7182619
Conc: 103.92 ug/ml



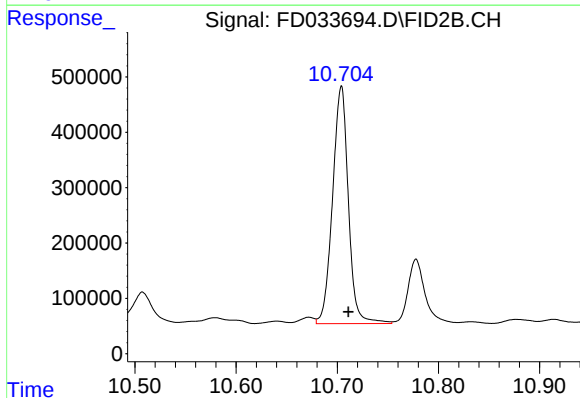
#7 Acenaphthene (C15.5)

R.T.: 8.527 min
Delta R.T.: -0.010 min
Response: 888295
Conc: 6.88 ug/ml



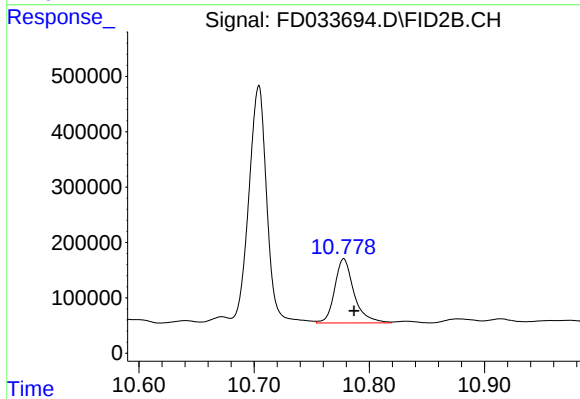
#8 Flouorene (C16.55)

R.T.: 9.307 min
Delta R.T.: -0.011 min
Response: 729702
Conc: 6.14 ug/ml



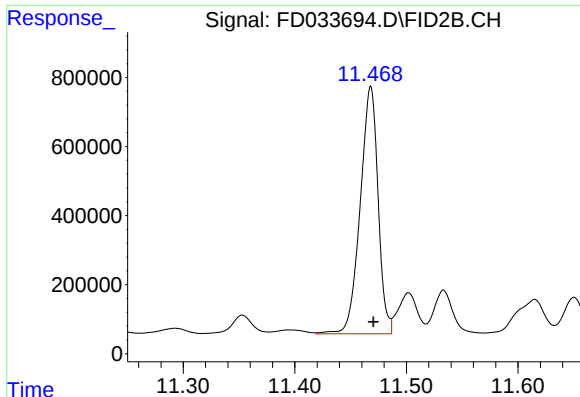
#9 Phenanthrene (C19.36)

R.T.: 10.704 min
Delta R.T.: -0.007 min
Response: 4661194
Conc: 38.00 ug/ml



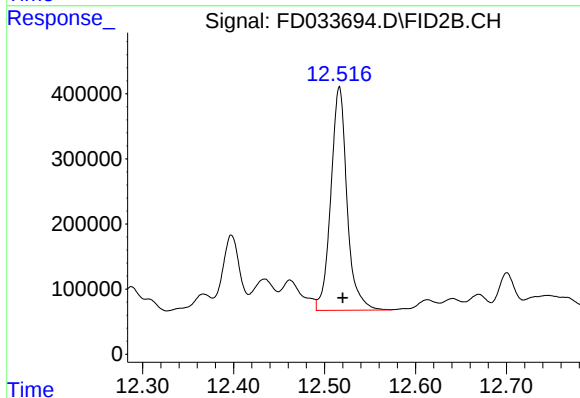
#10 Anthracene (C19.43)

R.T.: 10.778 min
Delta R.T.: -0.009 min
Response: 1348564
Conc: 11.08 ug/ml



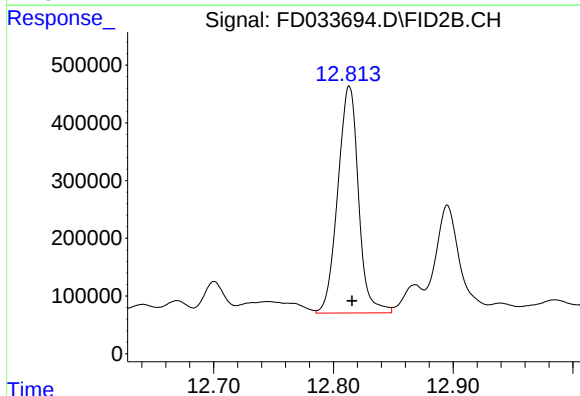
#11 ortho-Terphenyl (SURR)

R.T.: 11.468 min
Delta R.T.: -0.002 min
Response: 7973774
Conc: 60.82 ug/ml



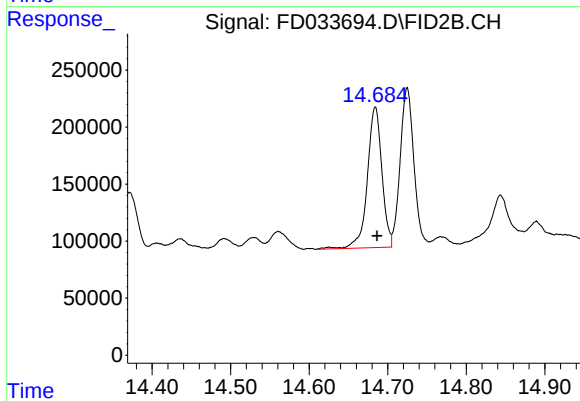
#12 Fluoranthene (C21.85)

R.T.: 12.516 min
Delta R.T.: -0.004 min
Response: 4246988
Conc: 33.69 ug/ml



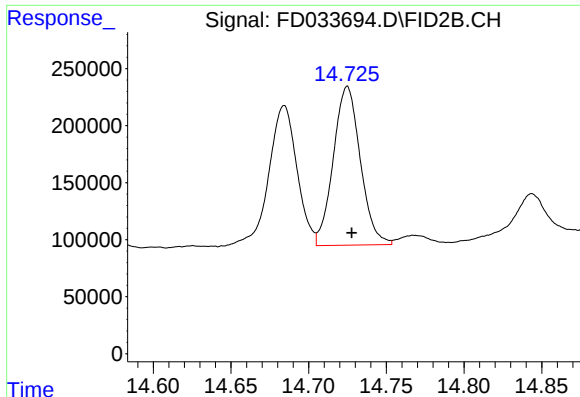
#13 Pyrene (C20.8)

R.T.: 12.813 min
Delta R.T.: -0.002 min
Response: 4727745
Conc: 38.79 ug/ml



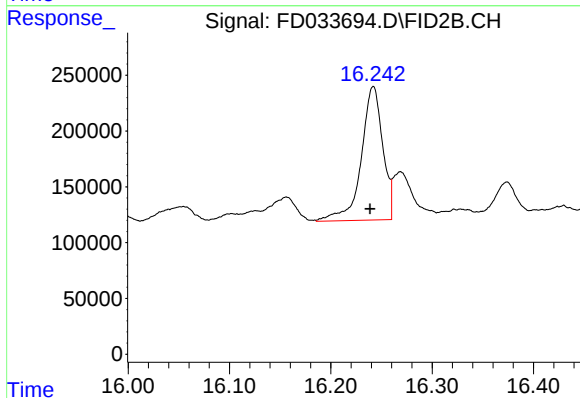
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.684 min
Delta R.T.: -0.002 min
Response: 1590913
Conc: 14.12 ug/ml



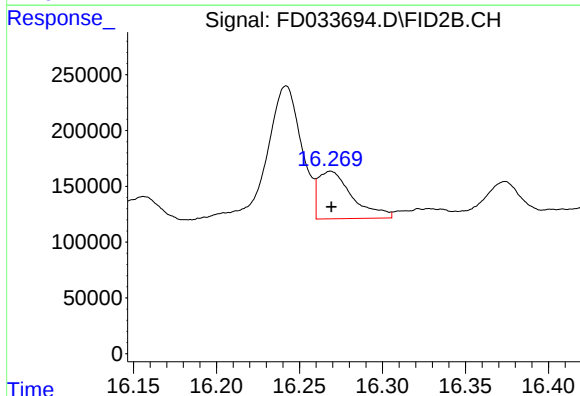
#15 Chrysene (C27.41)

R.T.: 14.725 min
Delta R.T.: -0.003 min
Response: 1689883
Conc: 13.00 ug/ml



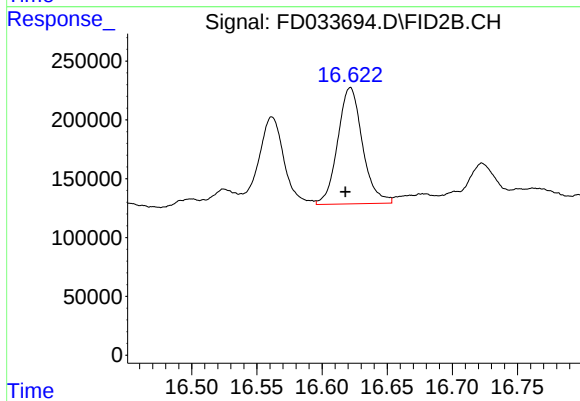
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.242 min
Delta R.T.: 0.003 min
Response: 1765567
Conc: 15.46 ug/ml



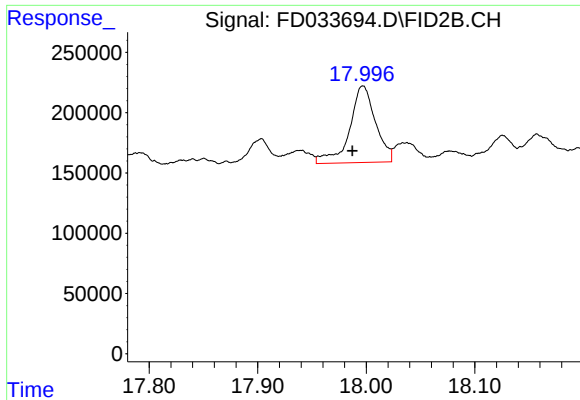
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.269 min
Delta R.T.: 0.000 min
Response: 607626
Conc: 4.88 ug/ml



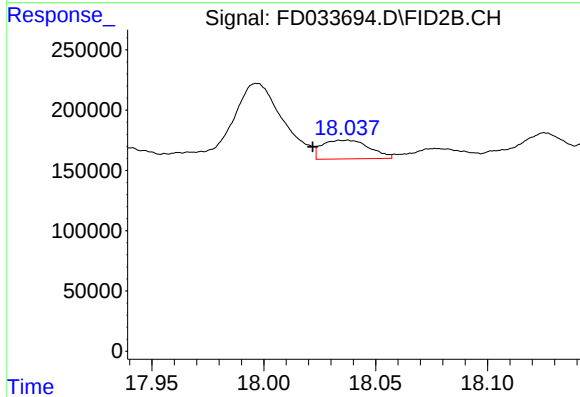
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.622 min
Delta R.T.: 0.004 min
Response: 1309195
Conc: 11.17 ug/ml



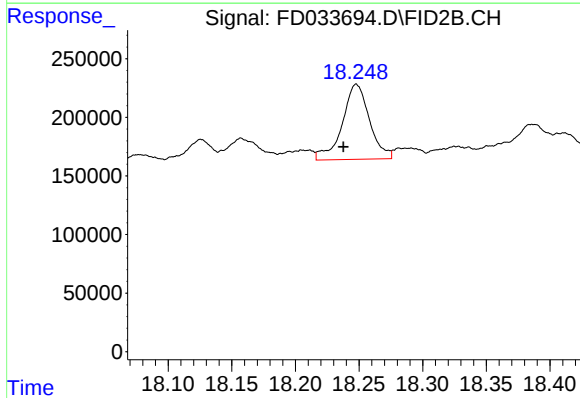
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.997 min
Delta R.T.: 0.010 min
Response: 1054725
Conc: 10.33 ug/ml



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

R.T.: 18.036 min
Delta R.T.: 0.015 min
Response: 227607
Conc: 1.89 ug/ml



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

R.T.: 18.248 min
Delta R.T.: 0.010 min
Response: 954532
Conc: 8.57 ug/ml