

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061820AR\
 Data File : FD033718.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jun 2020 4:59
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 19 06:33:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 06:33:10 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...	7.568	5593313	51.062 ug/ml
Spiked Amount 50.000		Recovery =	102.12%
6) S 2-Fluorobiphenyl (SURR)	8.431	3879318	52.405 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.81%
11) S ortho-Terphenyl (SURR)	11.459	6677770	49.157 ug/ml
Spiked Amount 50.000		Recovery =	98.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.377	6180286	50.008 ug/ml
2) T Naphthalene (C11.7)	5.911	6375976	51.161 ug/ml
3) T 2-Methylnaphthalene (...)	6.961	6479916	51.163 ug/ml
5) T Acenaphthylene (C15.06)	8.232	6374140	50.144 ug/ml
7) T Acenaphthene (C15.5)	8.527	6564753	49.734 ug/ml
8) T Fluorene (C16.55)	9.306	6329877	50.943 ug/ml
9) T Phenanthrene (C19.36)	10.700	6419663	50.335 ug/ml
10) T Anthracene (C19.43)	10.776	6353992	50.778 ug/ml
12) T Fluoranthene (C21.85)	12.511	6542041	50.267 ug/ml
13) T Pyrene (C20.8)	12.807	6328435	50.314 ug/ml
14) T Benzo[a]anthracene (C...	14.681	6190981	52.028 ug/ml
15) T Chrysene (C27.41)	14.724	6385020	49.264 ug/ml
16) T benzo[b]fluoranthene ...	16.235	6107965	51.782 ug/ml
17) T Bnezo[k]fluoranthene ...	16.267	6154205	49.294 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.614	6077175	51.183 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	5652428	55.267 ug/ml
20) T Dibenz[a,h]anthracene...	18.019	5895787	47.556 ug/ml
21) T Benzo[g,h,i]perylene ...	18.241	5797338	51.501 ug/ml

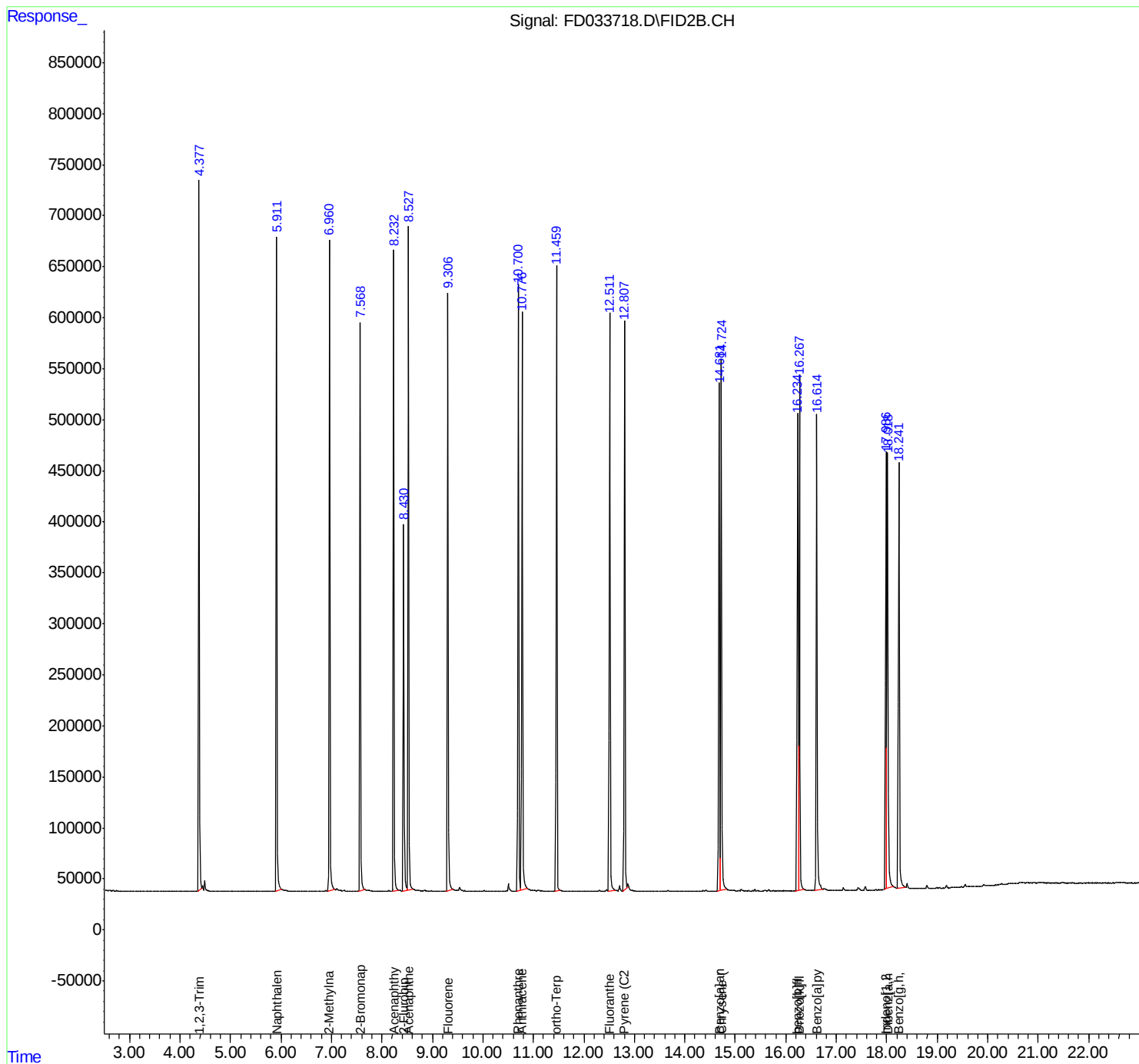
(f)=RT Delta > 1/2 Window

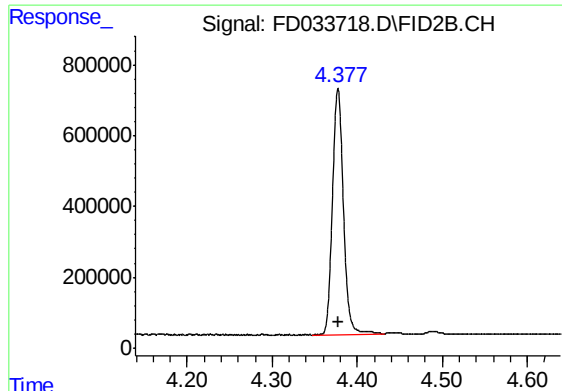
(m)=manual int.

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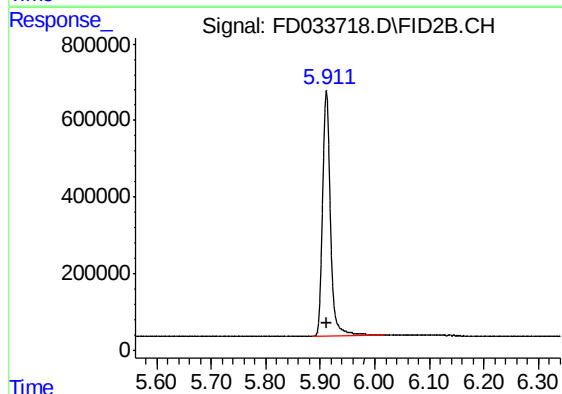
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Signal Info : 20M x 0.18mm x 0.18µm





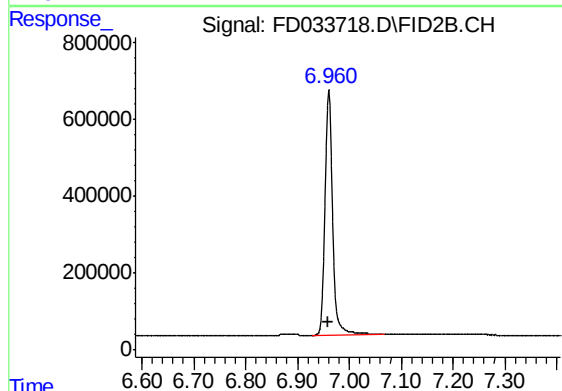
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 6180286
Conc: 50.01 ug/ml



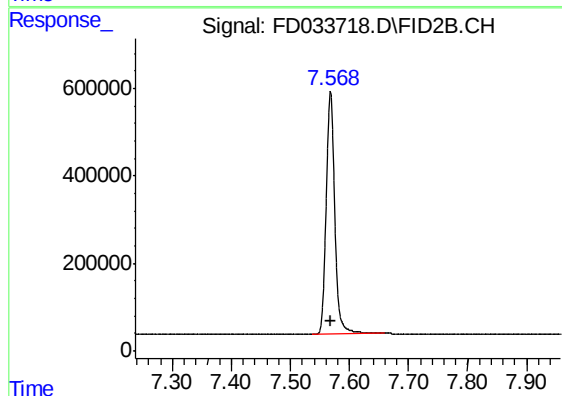
#2 Naphthalene (C11.7)

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 6375976
Conc: 51.16 ug/ml



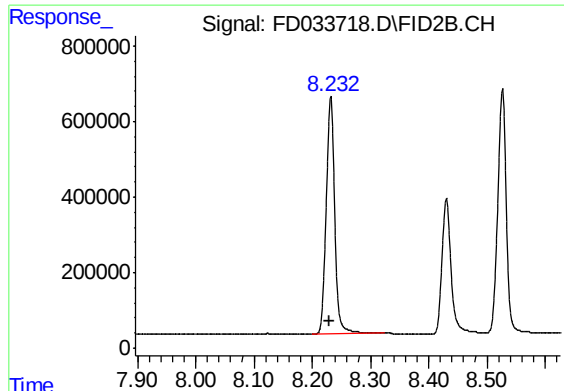
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.961 min
Delta R.T.: 0.001 min
Response: 6479916
Conc: 51.16 ug/ml



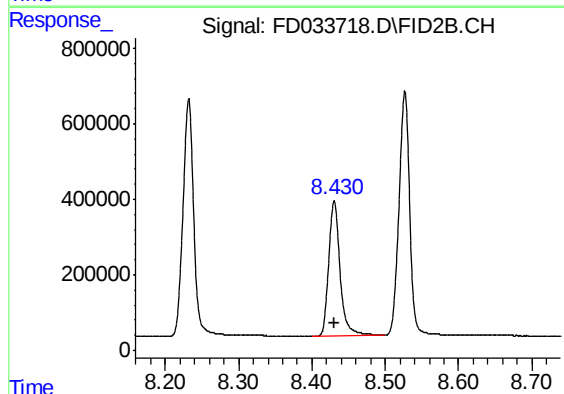
#4 2-Bromonaphthalene (SURR)

R.T.: 7.568 min
Delta R.T.: 0.000 min
Response: 5593313
Conc: 51.06 ug/ml



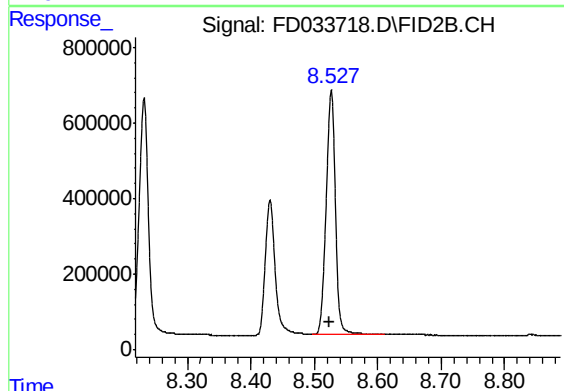
#5 Acenaphthylene (C15.06)

R.T.: 8.232 min
Delta R.T.: 0.002 min
Response: 6374140
Conc: 50.14 ug/ml



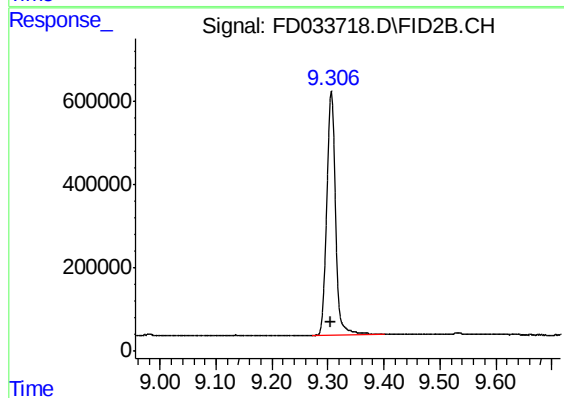
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.431 min
Delta R.T.: 0.000 min
Response: 3879318
Conc: 52.40 ug/ml



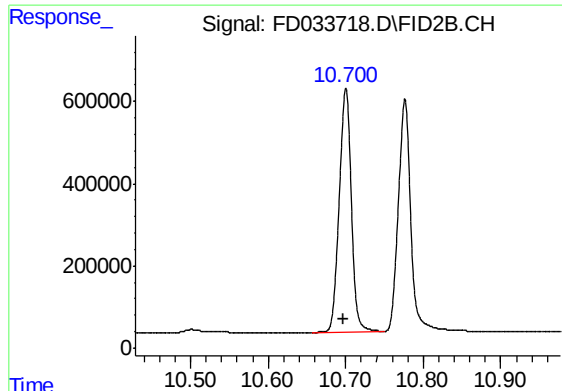
#7 Acenaphthene (C15.5)

R.T.: 8.527 min
Delta R.T.: 0.004 min
Response: 6564753
Conc: 49.73 ug/ml



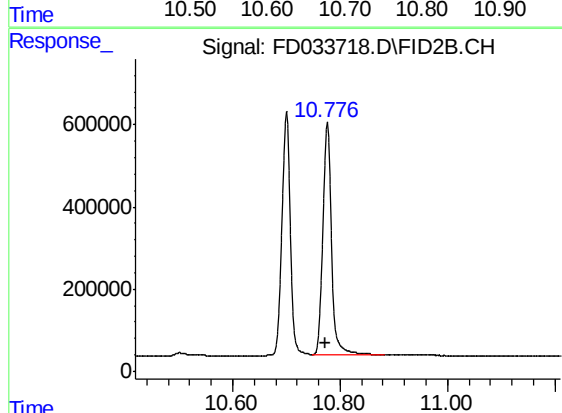
#8 Flouorene (C16.55)

R.T.: 9.306 min
Delta R.T.: 0.002 min
Response: 6329877
Conc: 50.94 ug/ml



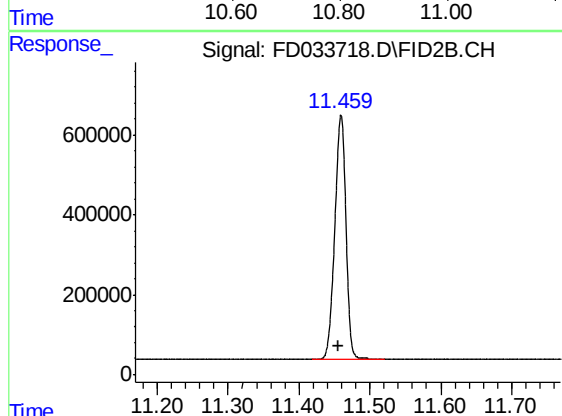
#9 Phenanthrene (C19.36)

R.T.: 10.700 min
Delta R.T.: 0.003 min
Response: 6419663
Conc: 50.34 ug/ml



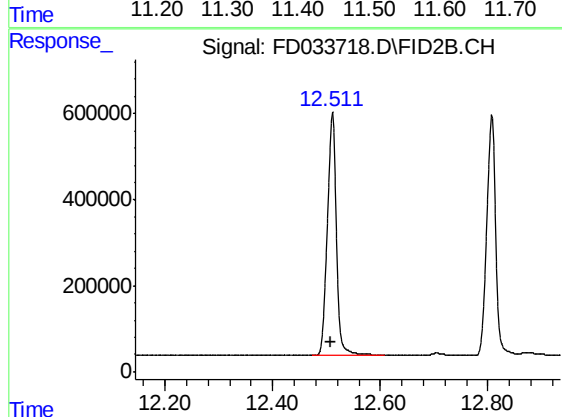
#10 Anthracene (C19.43)

R.T.: 10.776 min
Delta R.T.: 0.003 min
Response: 6353992
Conc: 50.78 ug/ml



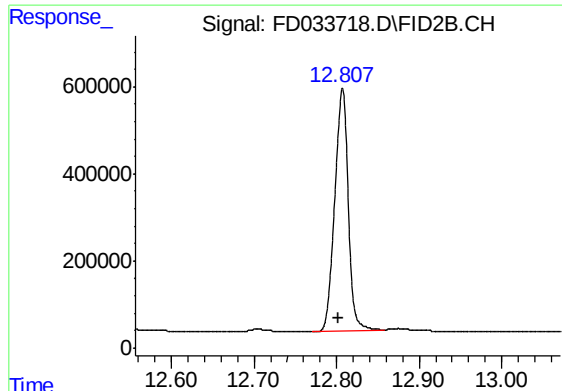
#11 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: 0.003 min
Response: 6677770
Conc: 49.16 ug/ml



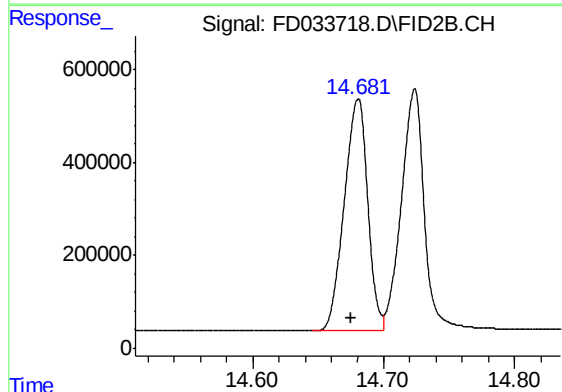
#12 Fluoranthene (C21.85)

R.T.: 12.511 min
Delta R.T.: 0.004 min
Response: 6542041
Conc: 50.27 ug/ml



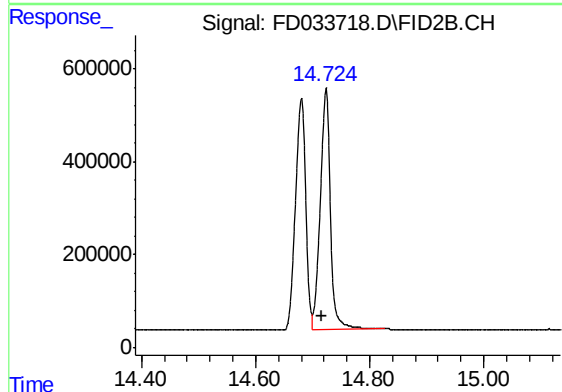
#13 Pyrene (C20.8)

R.T.: 12.807 min
Delta R.T.: 0.005 min
Response: 6328435
Conc: 50.31 ug/ml



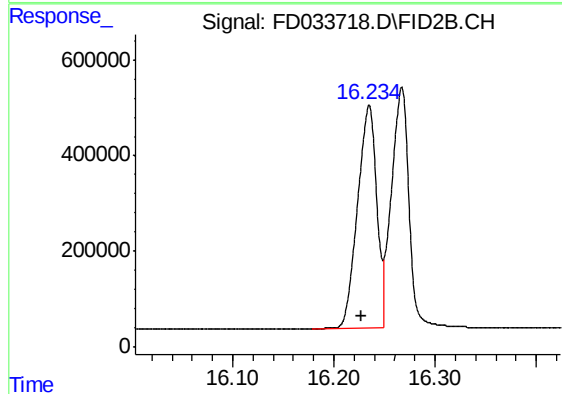
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.681 min
Delta R.T.: 0.005 min
Response: 6190981
Conc: 52.03 ug/ml



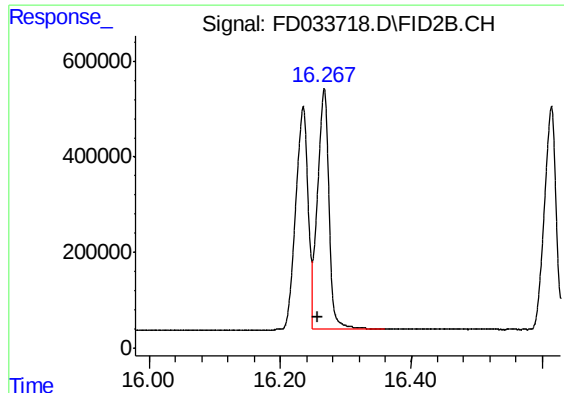
#15 Chrysene (C27.41)

R.T.: 14.724 min
Delta R.T.: 0.007 min
Response: 6385020
Conc: 49.26 ug/ml



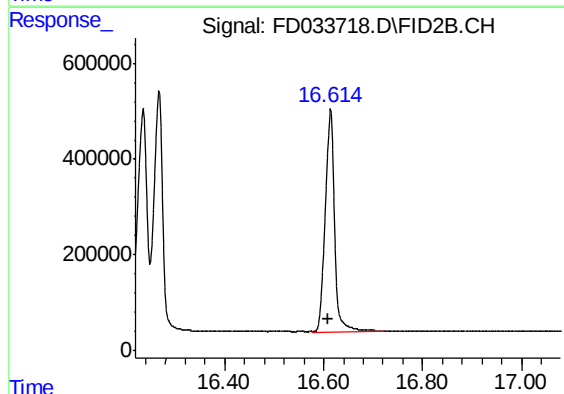
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.235 min
Delta R.T.: 0.008 min
Response: 6107965
Conc: 51.78 ug/ml



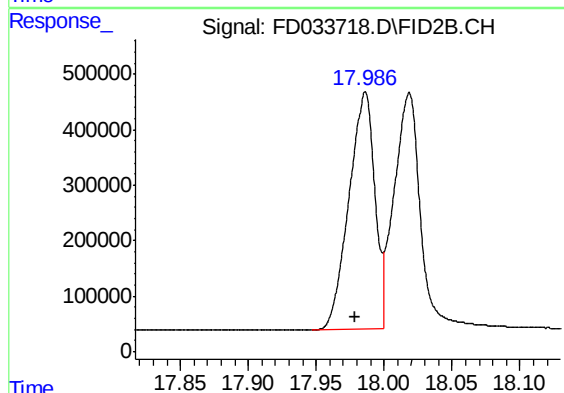
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.267 min
Delta R.T.: 0.009 min
Response: 6154205
Conc: 49.29 ug/ml



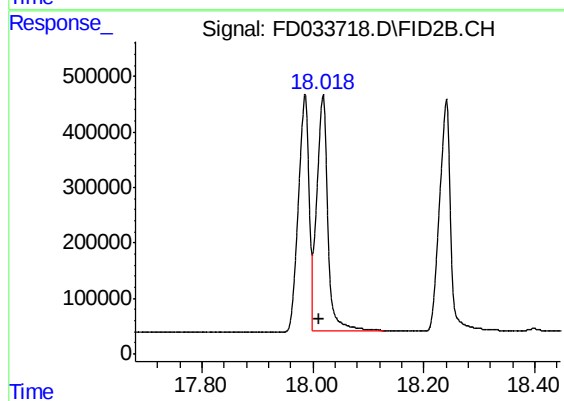
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.614 min
Delta R.T.: 0.006 min
Response: 6077175
Conc: 51.18 ug/ml



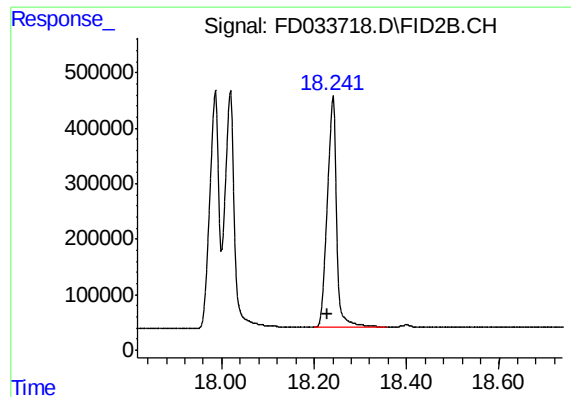
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: 0.008 min
Response: 5652428
Conc: 55.27 ug/ml



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

R.T.: 18.019 min
Delta R.T.: 0.007 min
Response: 5895787
Conc: 47.56 ug/ml



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

R.T.: 18.241 min
Delta R.T.: 0.011 min
Response: 5797338
Conc: 51.50 ug/ml