

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071020AR\
 Data File : FD033937.D
 Signal(s) : FID2B.CH
 Acq On : 09 Jul 2020 10:08
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 10 03:47:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 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...	7.709	2553965	21.264 ug/ml
Spiked Amount 50.000		Recovery =	42.53%
6) S 2-Fluorobiphenyl (SURR)	8.574	1791563	21.137 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.27%
11) S ortho-Terphenyl (SURR)	11.617	2851335	21.075 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	2828784	21.418 ug/ml
2) T Naphthalene (C11.7)	6.046	2953698	21.325 ug/ml
3) T 2-Methylnaphthalene (...)	7.099	2962858	21.274 ug/ml
5) T Acenaphthylene (C15.06)	8.377	2828280	21.037 ug/ml
7) T Acenaphthene (C15.5)	8.673	2893453	21.140 ug/ml
8) T Fluorene (C16.55)	9.453	2838341	21.110 ug/ml
9) T Phenanthrene (C19.36)	10.851	2800269	20.954 ug/ml
10) T Anthracene (C19.43)	10.925	2762598	20.819 ug/ml
12) T Fluoranthene (C21.85)	12.663	2812607	21.170 ug/ml
13) T Pyrene (C20.8)	12.960	2732057	21.075 ug/ml
14) T Benzo[a]anthracene (C...	14.828	2625959	21.094 ug/ml
15) T Chrysene (C27.41)	14.871	2622350	21.117 ug/ml
16) T benzo[b]fluoranthene ...	16.376	2515439	21.143 ug/ml
17) T Bnezo[k]fluoranthene ...	16.409	2465293	21.276 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.755	2470489	21.230 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.116	2343413	21.047 ug/ml
20) T Dibenz[a,h]anthracene...	18.156	2357235	21.335 ug/ml
21) T Benzo[g,h,i]perylene ...	18.371	2344320	21.229 ug/ml

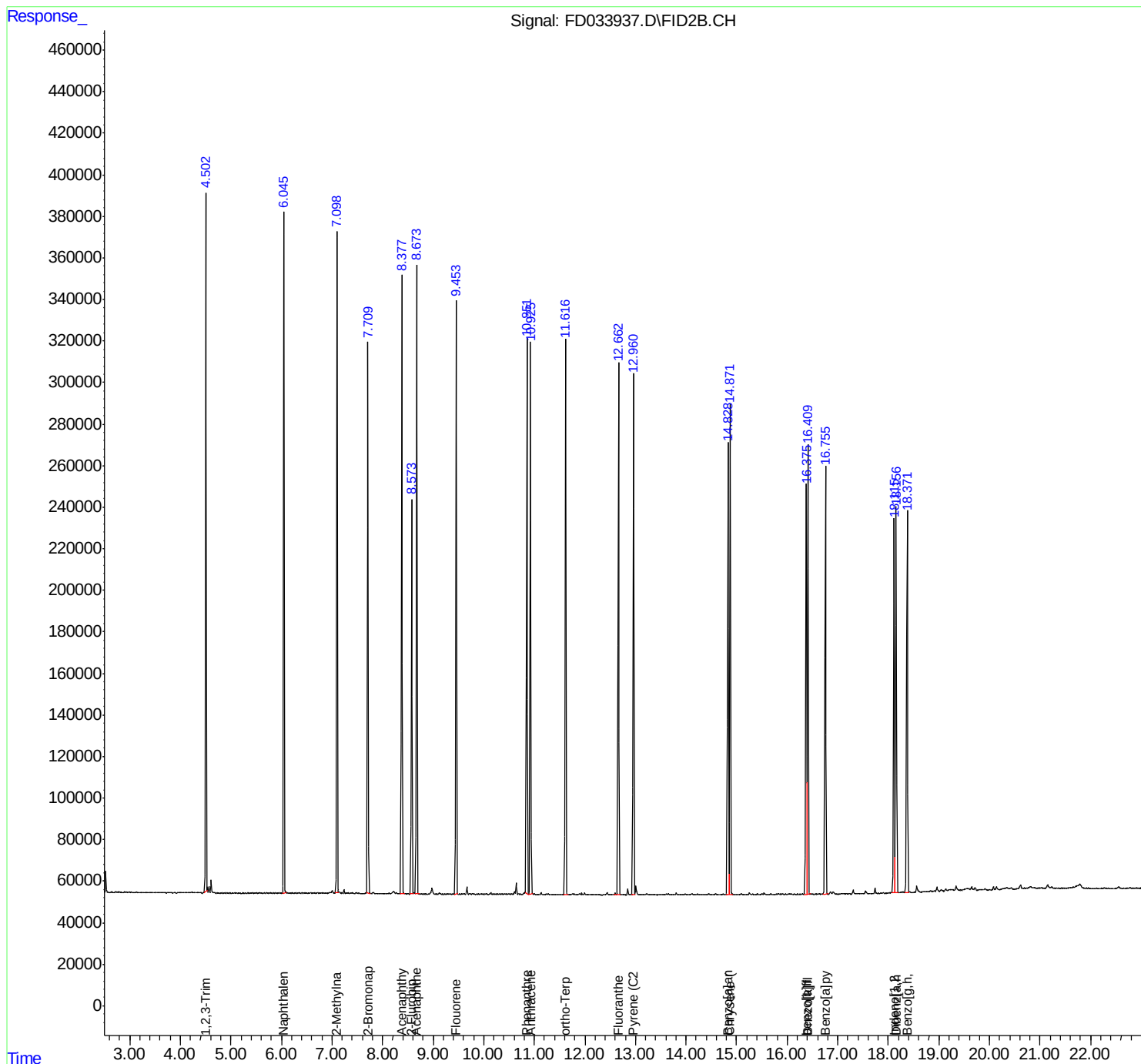
(f)=RT Delta > 1/2 Window

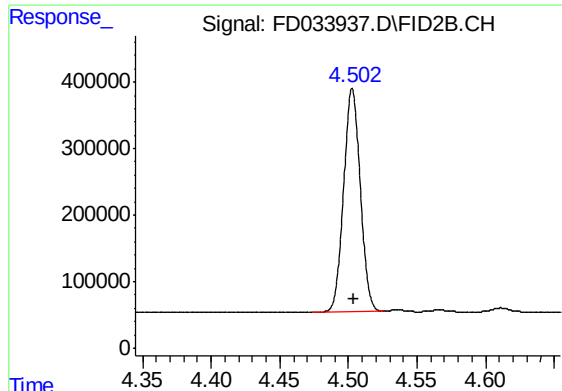
(m)=manual int.

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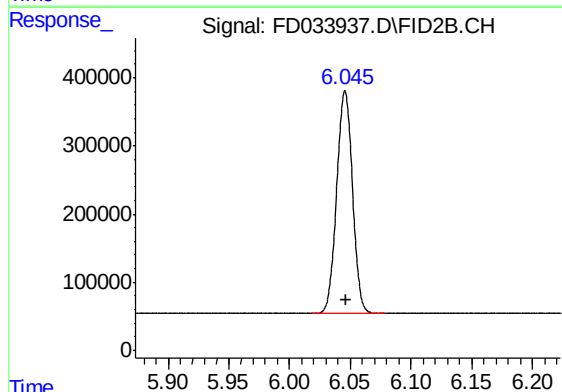
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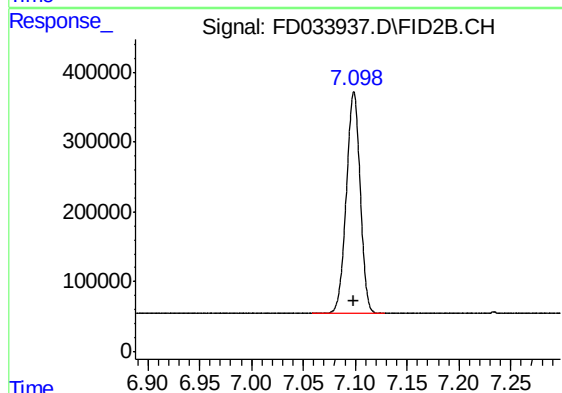
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 2828784
Conc: 21.42 ug/ml



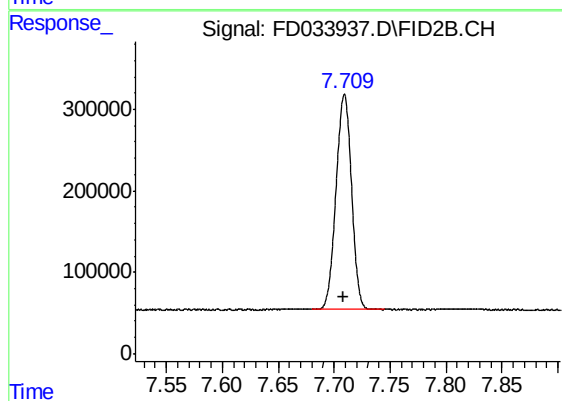
#2 Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 2953698
Conc: 21.32 ug/ml



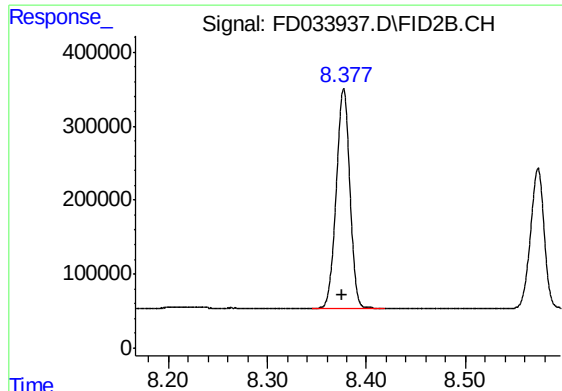
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 2962858
Conc: 21.27 ug/ml



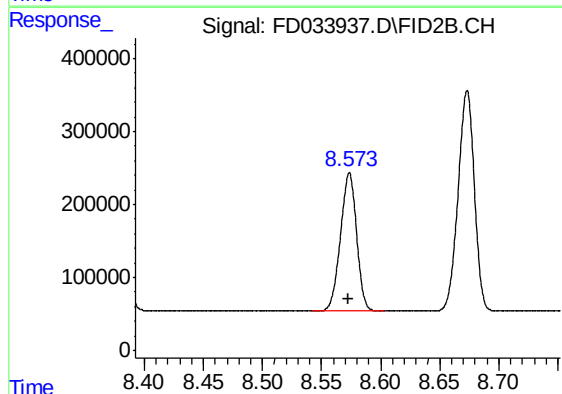
#4 2-Bromonaphthalene (SURR)

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 2553965
Conc: 21.26 ug/ml



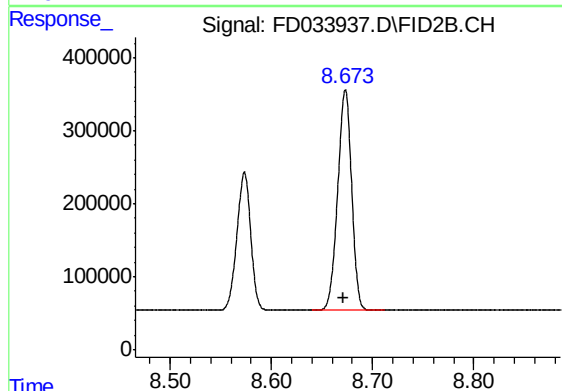
#5 Acenaphthylene (C15.06)

R.T.: 8.377 min
Delta R.T.: 0.002 min
Response: 2828280
Conc: 21.04 ug/ml



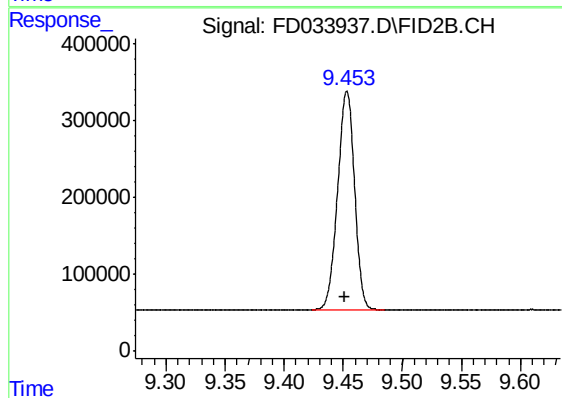
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.574 min
Delta R.T.: 0.001 min
Response: 1791563
Conc: 21.14 ug/ml



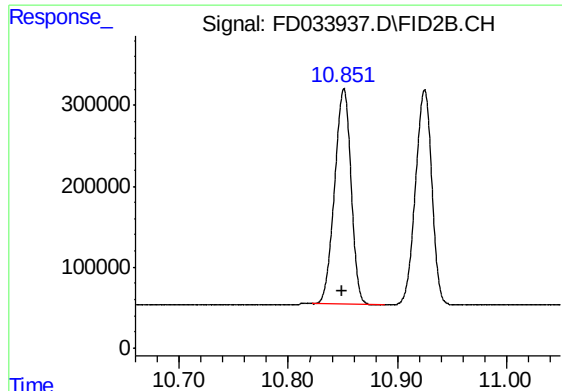
#7 Acenaphthene (C15.5)

R.T.: 8.673 min
Delta R.T.: 0.002 min
Response: 2893453
Conc: 21.14 ug/ml



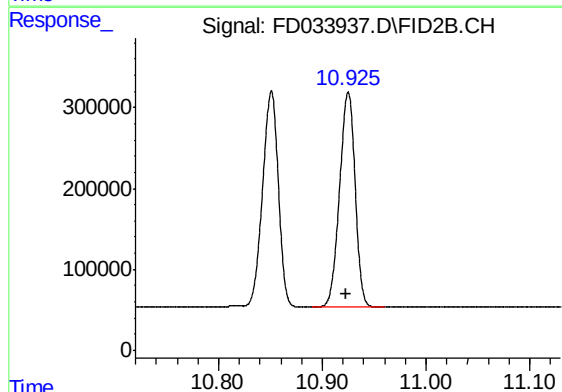
#8 Flouorene (C16.55)

R.T.: 9.453 min
Delta R.T.: 0.002 min
Response: 2838341
Conc: 21.11 ug/ml



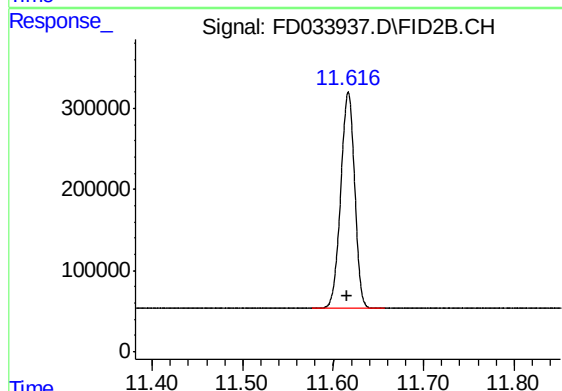
#9 Phenanthrene (C19.36)

R.T.: 10.851 min
Delta R.T.: 0.002 min
Response: 2800269
Conc: 20.95 ug/ml



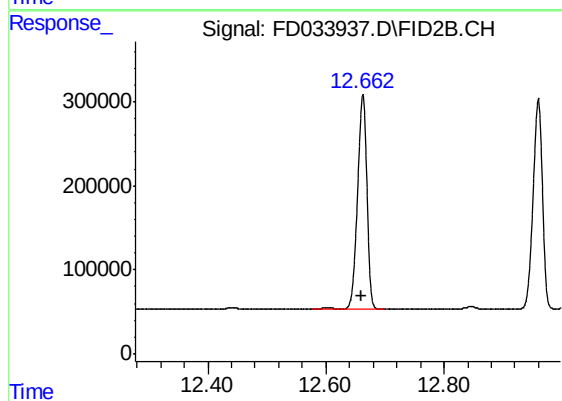
#10 Anthracene (C19.43)

R.T.: 10.925 min
Delta R.T.: 0.002 min
Response: 2762598
Conc: 20.82 ug/ml



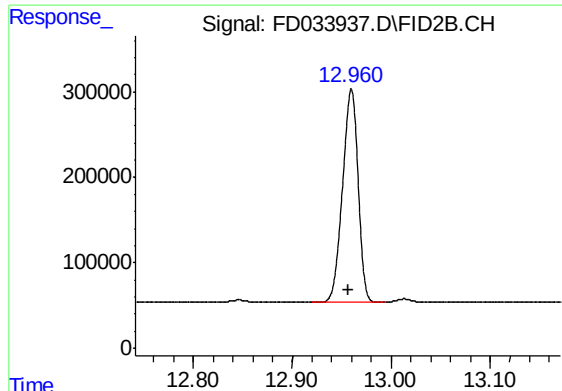
#11 ortho-Terphenyl (SURR)

R.T.: 11.617 min
Delta R.T.: 0.000 min
Response: 2851335
Conc: 21.07 ug/ml



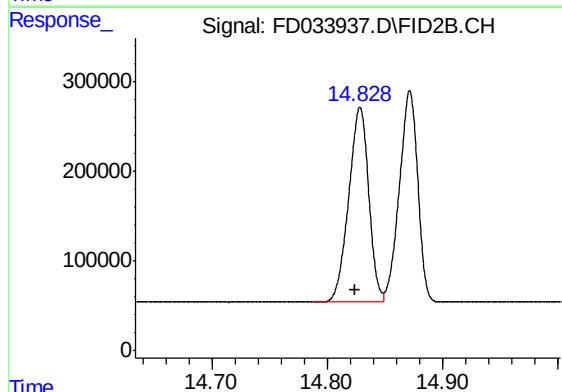
#12 Fluoranthene (C21.85)

R.T.: 12.663 min
Delta R.T.: 0.003 min
Response: 2812607
Conc: 21.17 ug/ml



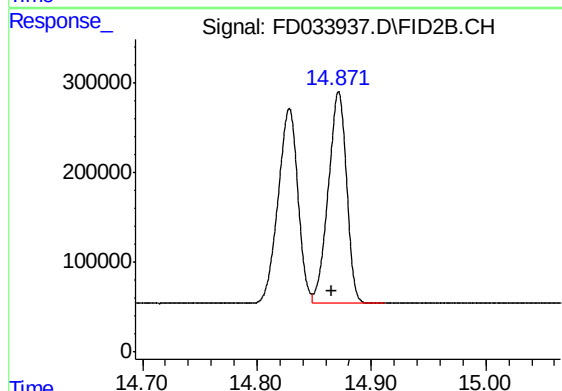
#13 Pyrene (C20.8)

R.T.: 12.960 min
Delta R.T.: 0.003 min
Response: 2732057
Conc: 21.07 ug/ml



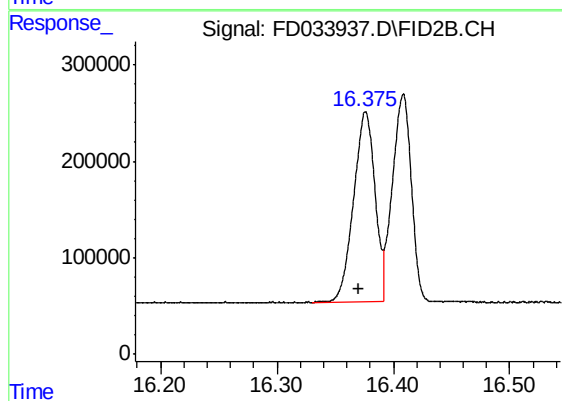
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.004 min
Response: 2625959
Conc: 21.09 ug/ml



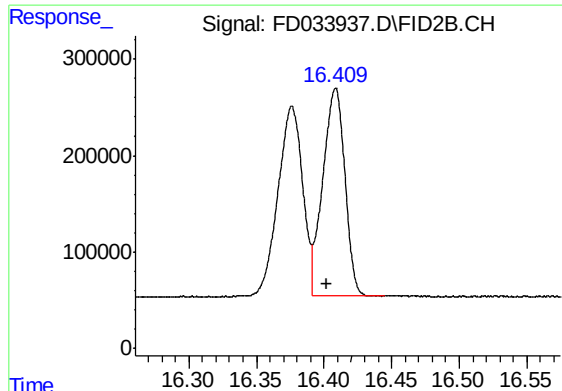
#15 Chrysene (C27.41)

R.T.: 14.871 min
Delta R.T.: 0.006 min
Response: 2622350
Conc: 21.12 ug/ml



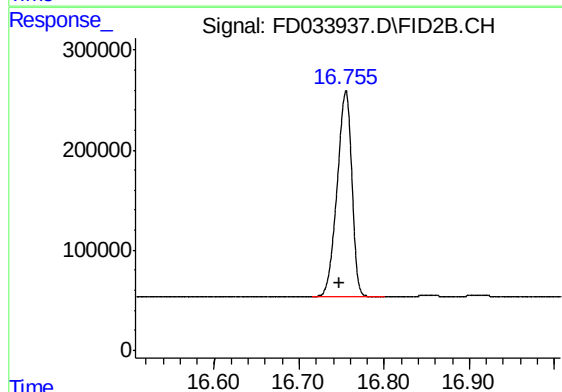
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.376 min
Delta R.T.: 0.006 min
Response: 2515439
Conc: 21.14 ug/ml



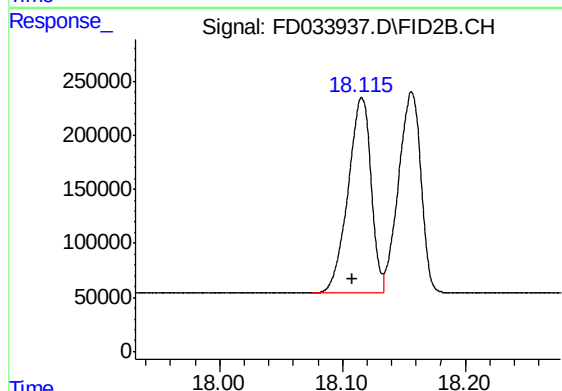
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.409 min
Delta R.T.: 0.007 min
Response: 2465293
Conc: 21.28 ug/ml



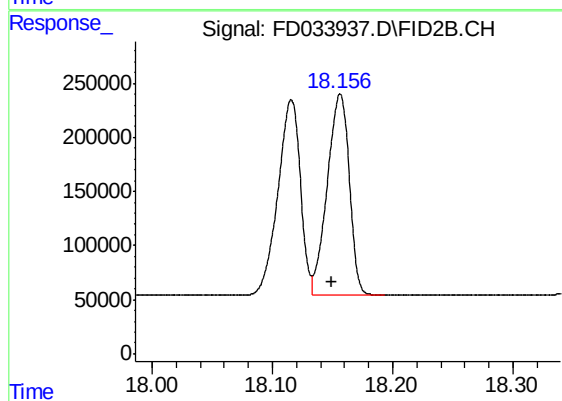
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.755 min
Delta R.T.: 0.007 min
Response: 2470489
Conc: 21.23 ug/ml



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

R.T.: 18.116 min
Delta R.T.: 0.008 min
Response: 2343413
Conc: 21.05 ug/ml



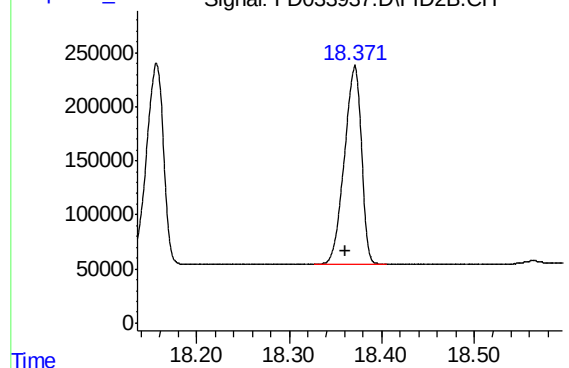
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.156 min
Delta R.T.: 0.007 min
Response: 2357235
Conc: 21.33 ug/ml

Response_

Signal: FD033937.D\FID2B.CH

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



R.T.: 18.371 min
Delta R.T.: 0.011 min
Response: 2344320
Conc: 21.23 ug/ml