

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071020AR\
 Data File : FD033953.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jul 2020 1:35
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 10 03:52:11 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	2499945	20.814 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
6) S 2-Fluorobiphenyl (SURR)	8.573	1752859	20.680 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.36%
11) S ortho-Terphenyl (SURR)	11.616	2766453	20.448 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	2777696	21.031 ug/ml
2) T Naphthalene (C11.7)	6.046	2896399	20.911 ug/ml
3) T 2-Methylnaphthalene (...)	7.098	2899889	20.822 ug/ml
5) T Acenaphthylene (C15.06)	8.376	2761590	20.541 ug/ml
7) T Acenaphthene (C15.5)	8.673	2827680	20.659 ug/ml
8) T Flouorene (C16.55)	9.453	2766252	20.574 ug/ml
9) T Phenanthrene (C19.36)	10.850	2735670	20.470 ug/ml
10) T Anthracene (C19.43)	10.924	2668569	20.111 ug/ml
12) T Fluoranthene (C21.85)	12.662	2705162	20.361 ug/ml
13) T Pyrene (C20.8)	12.959	2638121	20.350 ug/ml
14) T Benzo[a]anthracene (C...	14.828	2530973	20.331 ug/ml
15) T Chrysene (C27.41)	14.871	2530099	20.374 ug/ml
16) T benzo[b]fluoranthene ...	16.376	2430477	20.429 ug/ml
17) T Bnezo[k]fluoranthene ...	16.409	2376888	20.513 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.754	2382140	20.471 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.116	2269236	20.381 ug/ml
20) T Dibenz[a,h]anthracene...	18.155	2296086	20.781 ug/ml
21) T Benzo[g,h,i]perylene ...	18.371	2263137	20.494 ug/ml

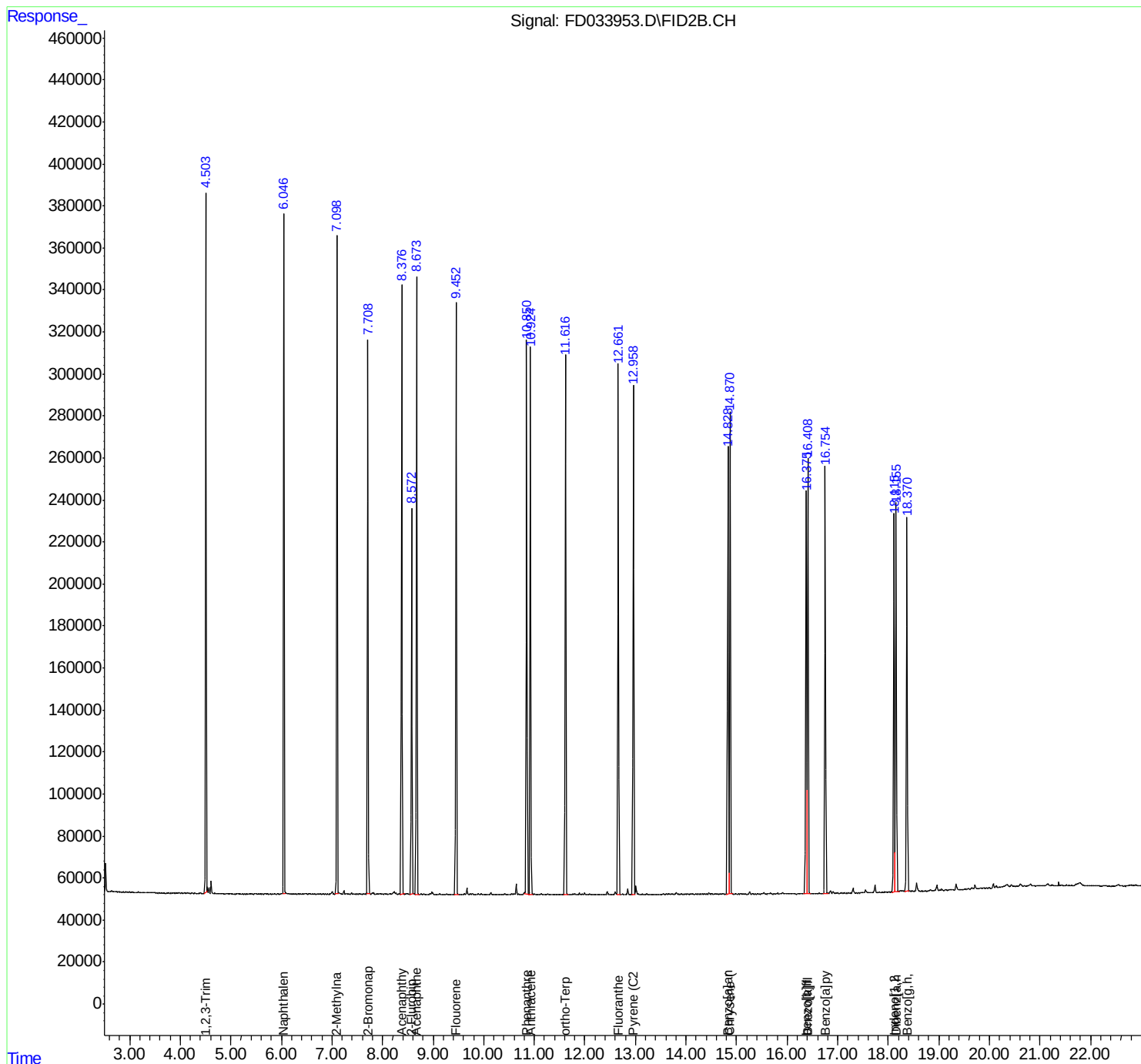
(f)=RT Delta > 1/2 Window

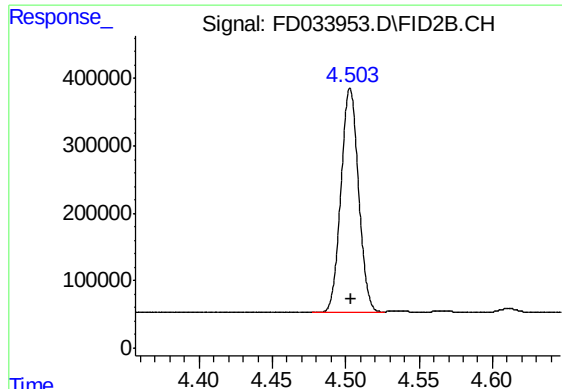
(m)=manual int.

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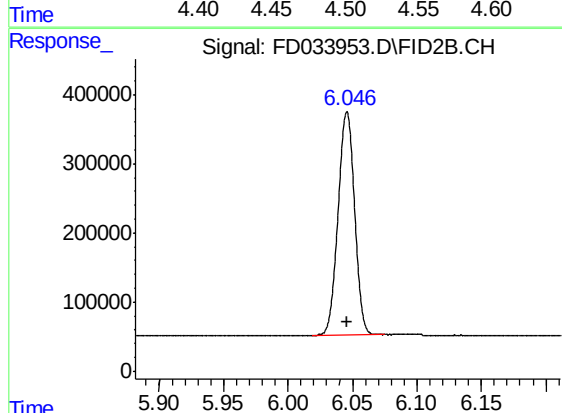
Volume Inj. : 1 µl
Signal Phase : Rx1-1ms
Signal Info : 20M x 0.18mm x 0.18µm





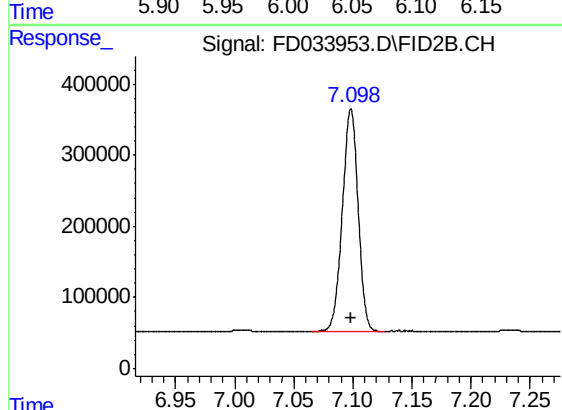
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 2777696
Conc: 21.03 ug/ml



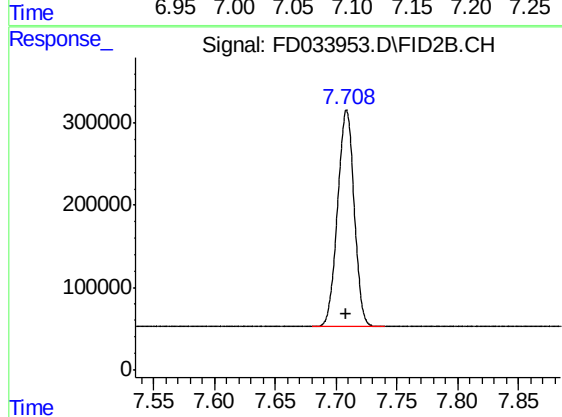
#2 Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 2896399
Conc: 20.91 ug/ml



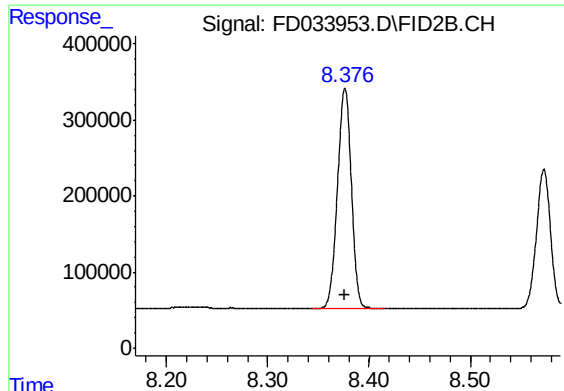
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 2899889
Conc: 20.82 ug/ml



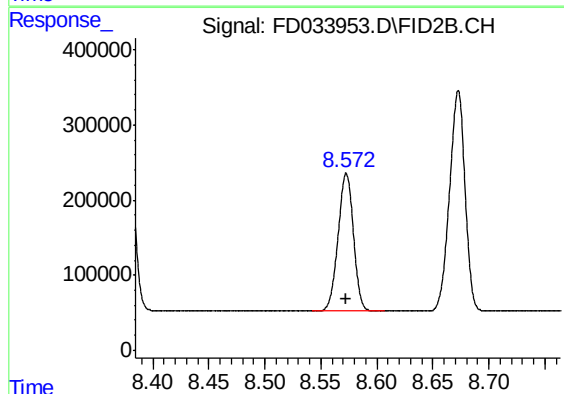
#4 2-Bromonaphthalene (SURR)

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 2499945
Conc: 20.81 ug/ml



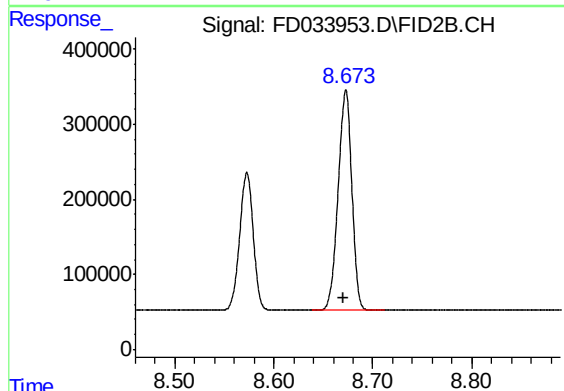
#5 Acenaphthylene (C15.06)

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 2761590
Conc: 20.54 ug/ml



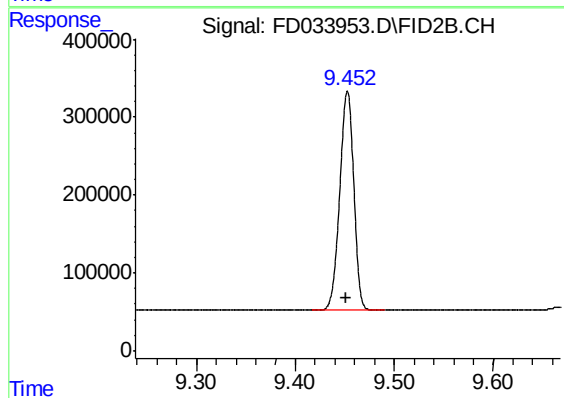
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 1752859
Conc: 20.68 ug/ml



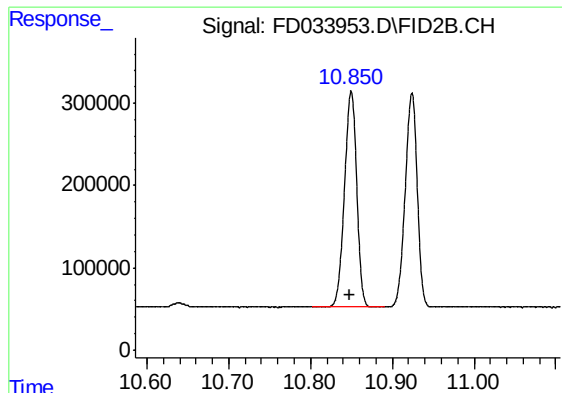
#7 Acenaphthene (C15.5)

R.T.: 8.673 min
Delta R.T.: 0.002 min
Response: 2827680
Conc: 20.66 ug/ml



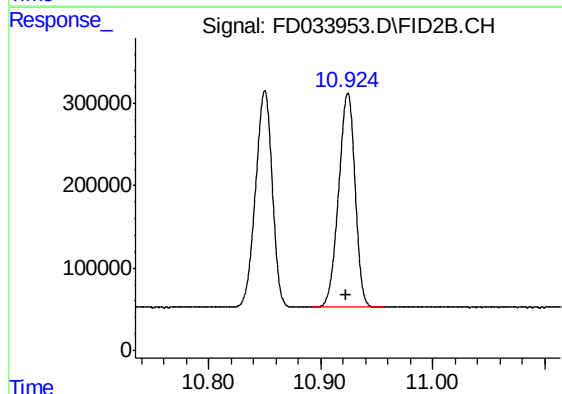
#8 Fluorene (C16.55)

R.T.: 9.453 min
Delta R.T.: 0.001 min
Response: 2766252
Conc: 20.57 ug/ml



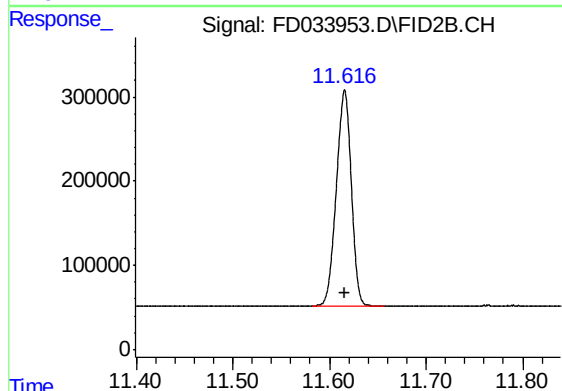
#9 Phenanthrene (C19.36)

R.T.: 10.850 min
Delta R.T.: 0.001 min
Response: 2735670
Conc: 20.47 ug/ml



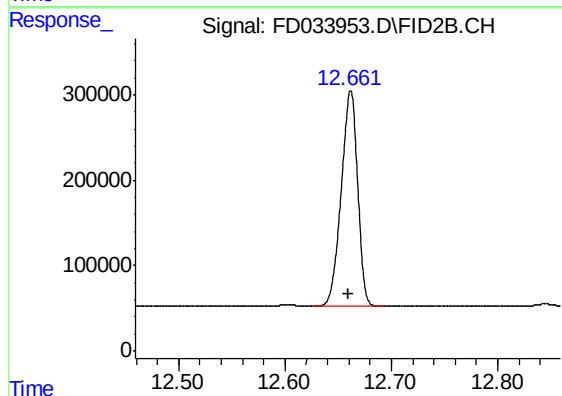
#10 Anthracene (C19.43)

R.T.: 10.924 min
Delta R.T.: 0.001 min
Response: 2668569
Conc: 20.11 ug/ml



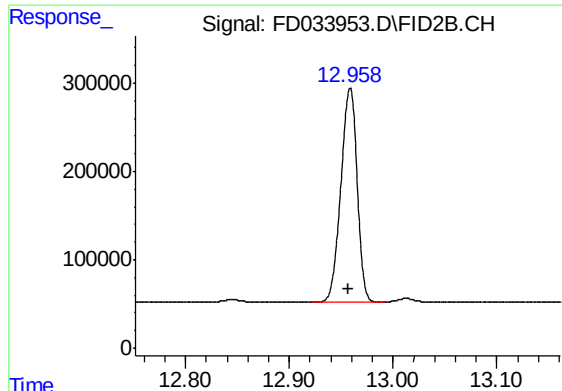
#11 ortho-Terphenyl (SURR)

R.T.: 11.616 min
Delta R.T.: 0.000 min
Response: 2766453
Conc: 20.45 ug/ml



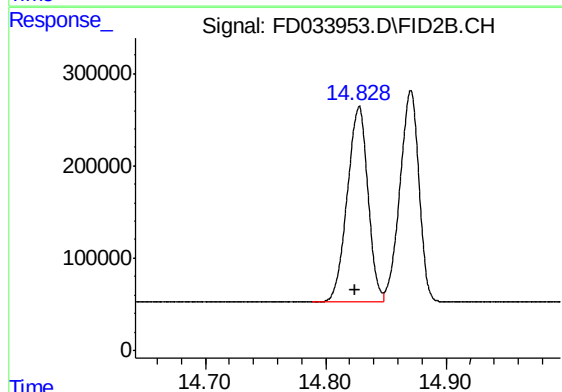
#12 Fluoranthene (C21.85)

R.T.: 12.662 min
Delta R.T.: 0.002 min
Response: 2705162
Conc: 20.36 ug/ml



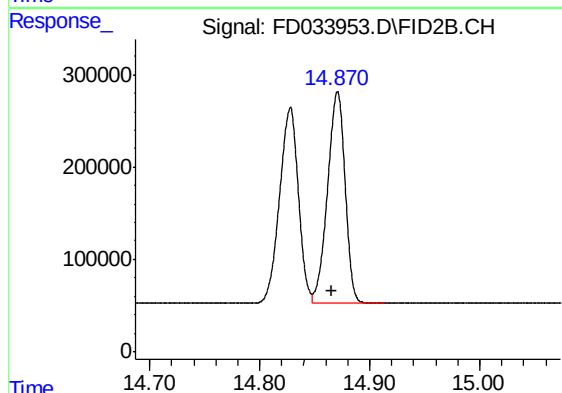
#13 Pyrene (C20.8)

R.T.: 12.959 min
Delta R.T.: 0.002 min
Response: 2638121
Conc: 20.35 ug/ml



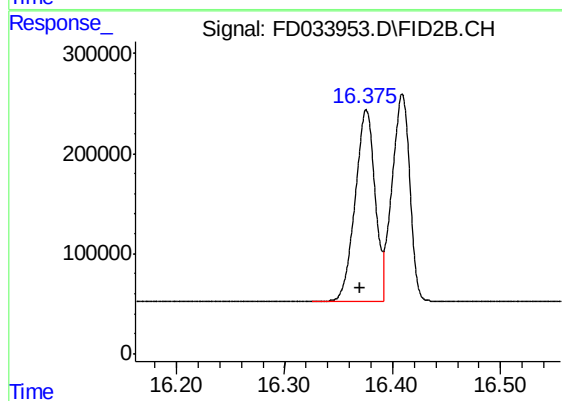
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.004 min
Response: 2530973
Conc: 20.33 ug/ml



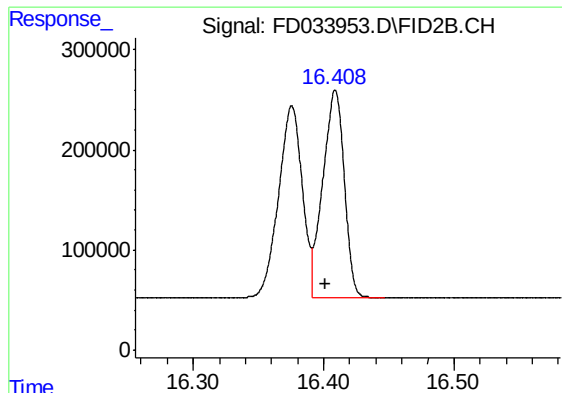
#15 Chrysene (C27.41)

R.T.: 14.871 min
Delta R.T.: 0.005 min
Response: 2530099
Conc: 20.37 ug/ml



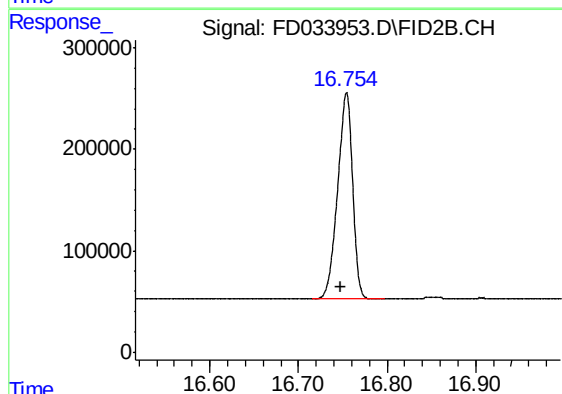
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.376 min
Delta R.T.: 0.005 min
Response: 2430477
Conc: 20.43 ug/ml



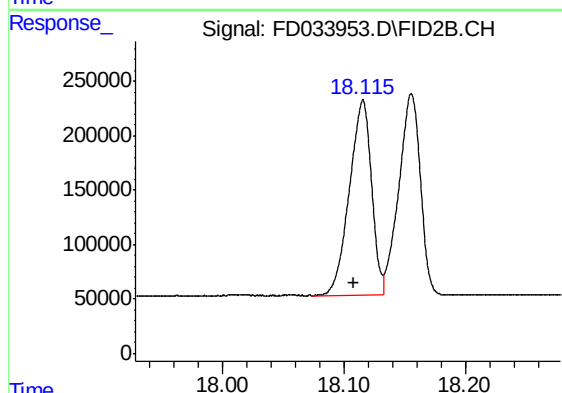
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.409 min
Delta R.T.: 0.007 min
Response: 2376888
Conc: 20.51 ug/ml



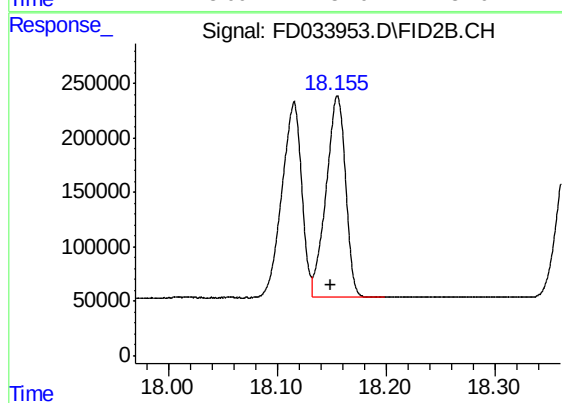
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.754 min
Delta R.T.: 0.007 min
Response: 2382140
Conc: 20.47 ug/ml



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

R.T.: 18.116 min
Delta R.T.: 0.007 min
Response: 2269236
Conc: 20.38 ug/ml



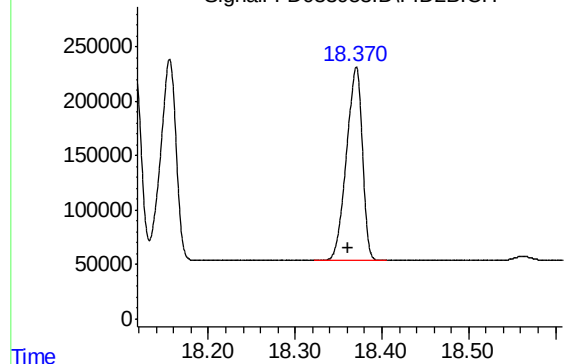
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.155 min
Delta R.T.: 0.006 min
Response: 2296086
Conc: 20.78 ug/ml

Response_

Signal: FD033953.D\FID2B.CH

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



R.T.: 18.371 min
Delta R.T.: 0.010 min
Response: 2263137
Conc: 20.49 ug/ml