

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071120AR\
 Data File : FD033977.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jul 2020 17:41
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 11 02:14:34 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...	7.707	2607258	21.707 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
6) S 2-Fluorobiphenyl (SURR)	8.573	1834027	21.638 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.28%
11) S ortho-Terphenyl (SURR)	11.616	2911341	21.518 ug/ml
Spiked Amount 50.000		Recovery =	43.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.502	2877837	21.789 ug/ml
2) T Naphthalene (C11.7)	6.045	3010400	21.734 ug/ml
3) T 2-Methylnaphthalene (...)	7.098	3021019	21.692 ug/ml
5) T Acenaphthylene (C15.06)	8.376	2891360	21.506 ug/ml
7) T Acenaphthene (C15.5)	8.672	2959620	21.623 ug/ml
8) T Fluorene (C16.55)	9.452	2905963	21.613 ug/ml
9) T Phenanthrene (C19.36)	10.851	2905742	21.743 ug/ml
10) T Anthracene (C19.43)	10.925	2785564	20.992 ug/ml
12) T Fluoranthene (C21.85)	12.662	2853730	21.479 ug/ml
13) T Pyrene (C20.8)	12.960	2781201	21.454 ug/ml
14) T Benzo[a]anthracene (C...	14.830	2657348	21.346 ug/ml
15) T Chrysene (C27.41)	14.873	2656846	21.394 ug/ml
16) T benzo[b]fluoranthene ...	16.378	2544429	21.386 ug/ml
17) T Bnezo[k]fluoranthene ...	16.411	2472253	21.336 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.757	2478265	21.297 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.119	2343880	21.051 ug/ml
20) T Dibenz[a,h]anthracene...	18.158	2391795	21.647 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	2334809	21.143 ug/ml

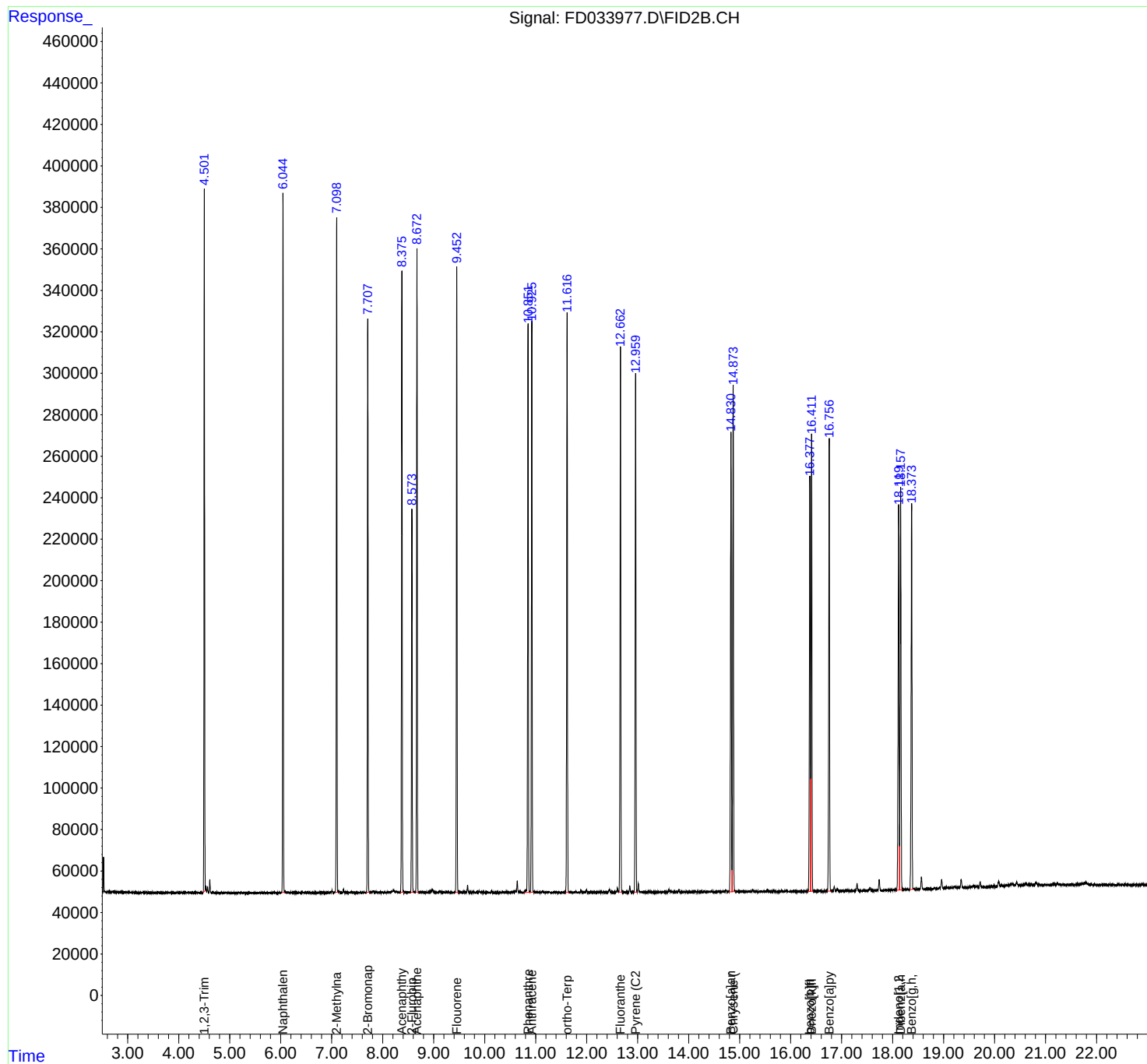
(f)=RT Delta > 1/2 Window

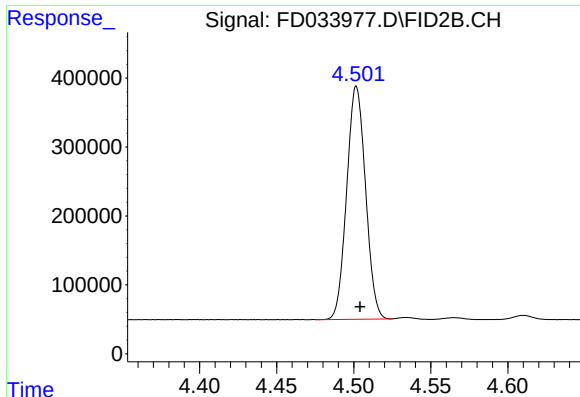
(m)=manual int.

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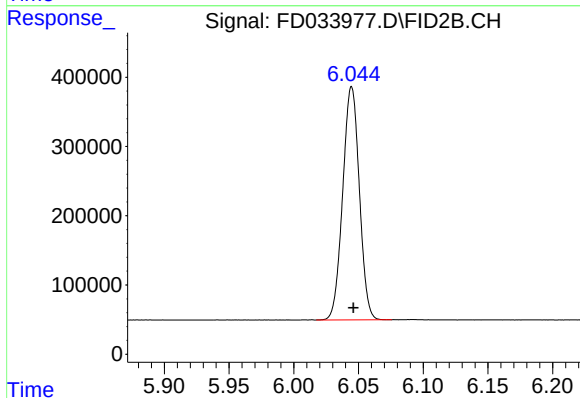
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Signal Info : 20M x 0.18mm x 0.18µm





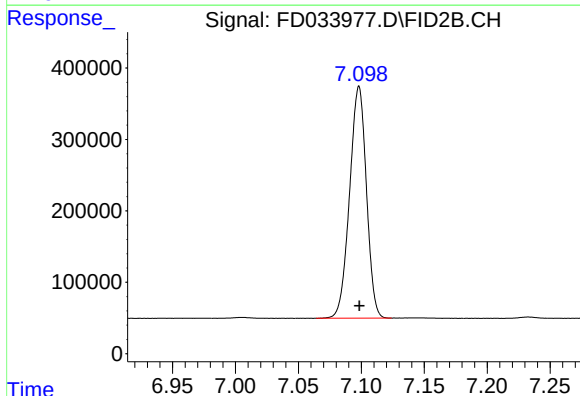
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 2877837
Conc: 21.79 ug/ml



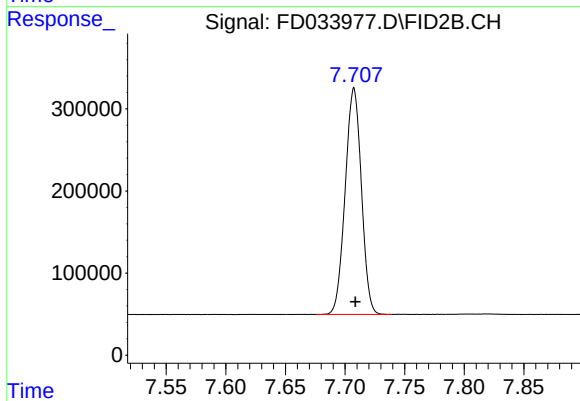
#2 Naphthalene (C11.7)

R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 3010400
Conc: 21.73 ug/ml



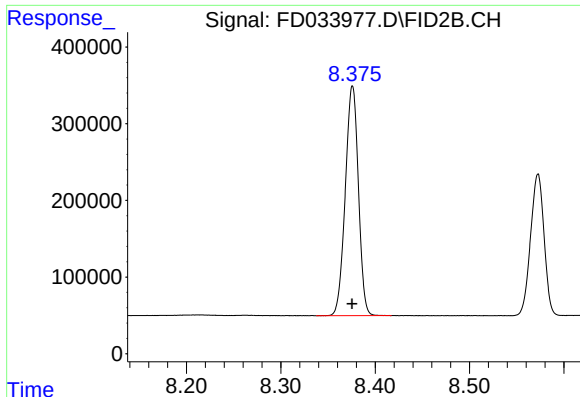
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 3021019
Conc: 21.69 ug/ml



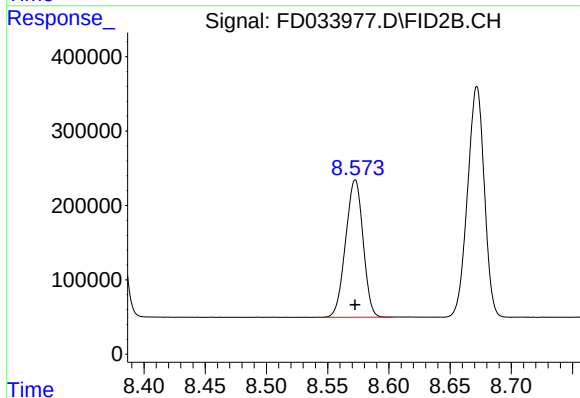
#4 2-Bromonaphthalene (SURR)

R.T.: 7.707 min
Delta R.T.: -0.001 min
Response: 2607258
Conc: 21.71 ug/ml



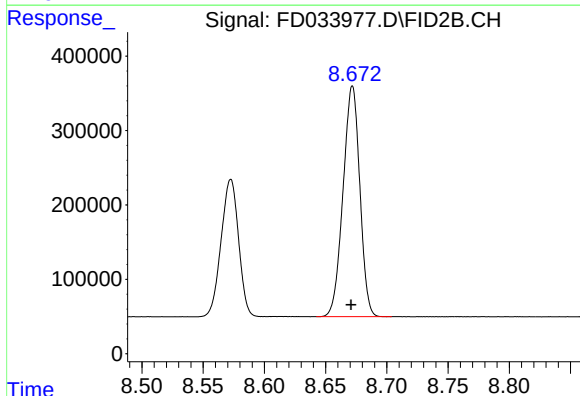
#5 Acenaphthylene (C15.06)

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 2891360
Conc: 21.51 ug/ml



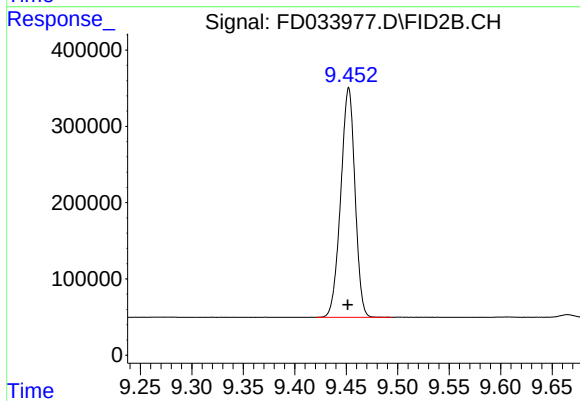
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 1834027
Conc: 21.64 ug/ml



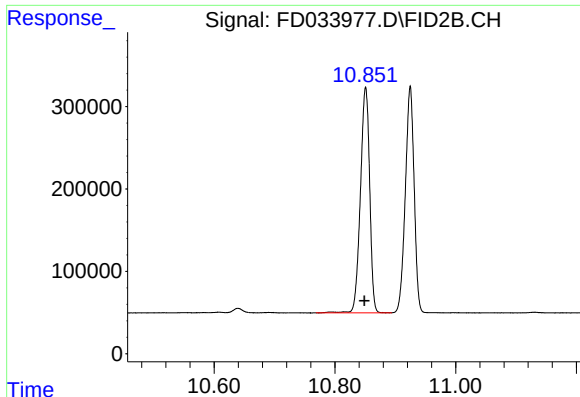
#7 Acenaphthene (C15.5)

R.T.: 8.672 min
Delta R.T.: 0.001 min
Response: 2959620
Conc: 21.62 ug/ml



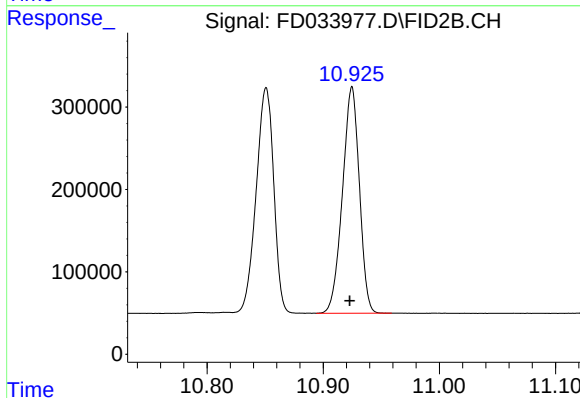
#8 Fluorene (C16.55)

R.T.: 9.452 min
Delta R.T.: 0.000 min
Response: 2905963
Conc: 21.61 ug/ml



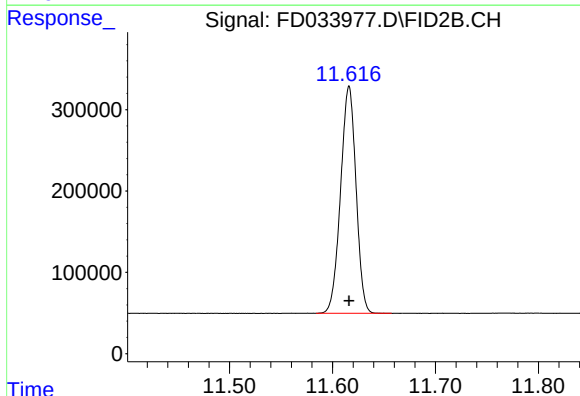
#9 Phenanthrene (C19.36)

R.T.: 10.851 min
Delta R.T.: 0.002 min
Response: 2905742
Conc: 21.74 ug/ml



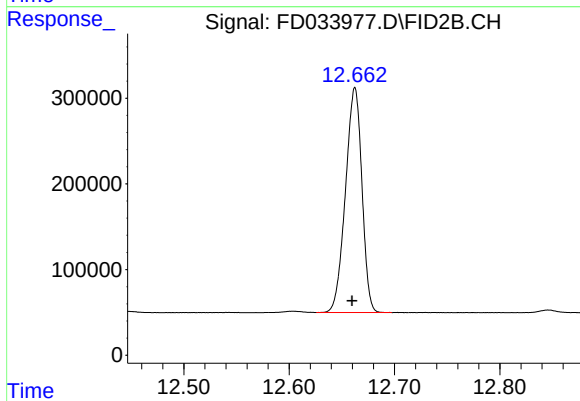
#10 Anthracene (C19.43)

R.T.: 10.925 min
Delta R.T.: 0.002 min
Response: 2785564
Conc: 20.99 ug/ml



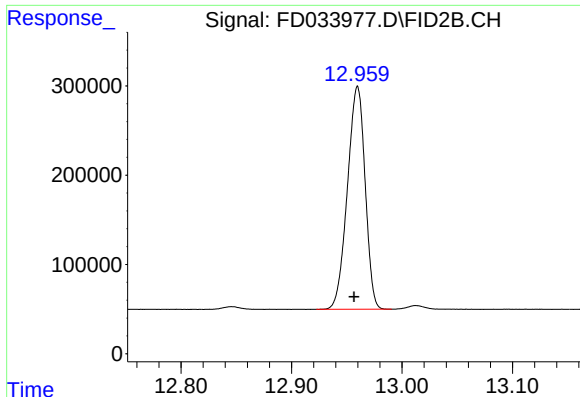
#11 ortho-Terphenyl (SURR)

R.T.: 11.616 min
Delta R.T.: 0.000 min
Response: 2911341
Conc: 21.52 ug/ml



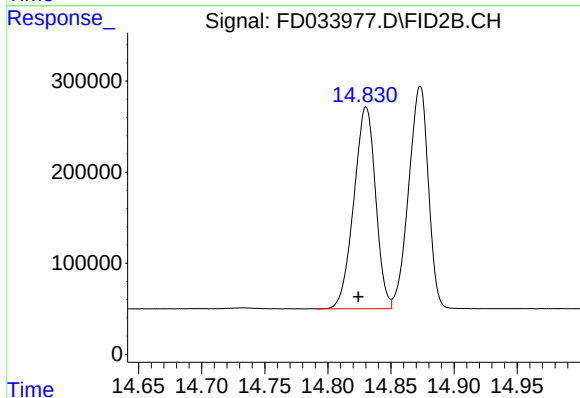
#12 Fluoranthene (C21.85)

R.T.: 12.662 min
Delta R.T.: 0.003 min
Response: 2853730
Conc: 21.48 ug/ml



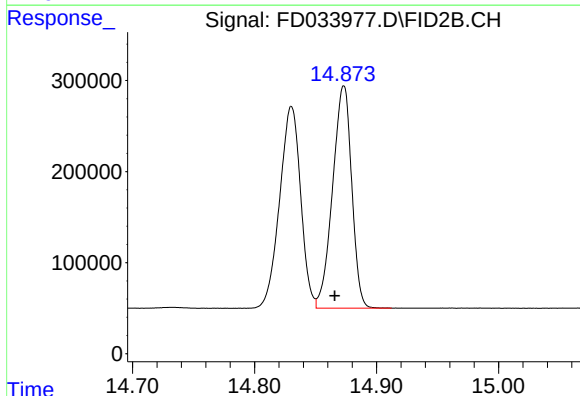
#13 Pyrene (C20.8)

R.T.: 12.960 min
Delta R.T.: 0.003 min
Response: 2781201
Conc: 21.45 ug/ml



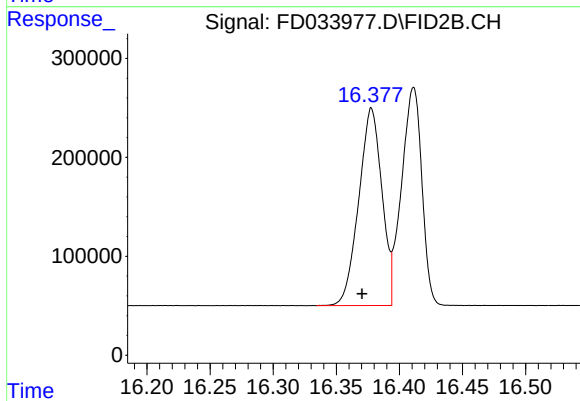
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.830 min
Delta R.T.: 0.006 min
Response: 2657348
Conc: 21.35 ug/ml



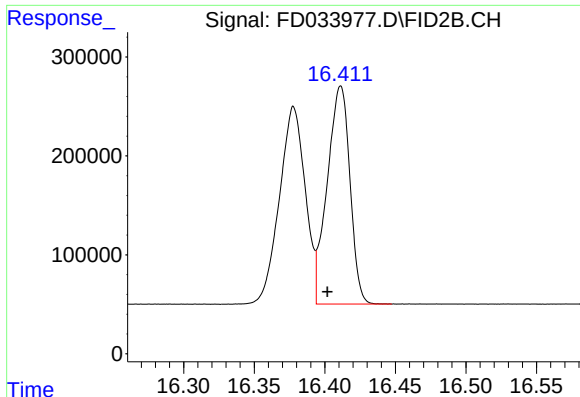
#15 Chrysene (C27.41)

R.T.: 14.873 min
Delta R.T.: 0.007 min
Response: 2656846
Conc: 21.39 ug/ml



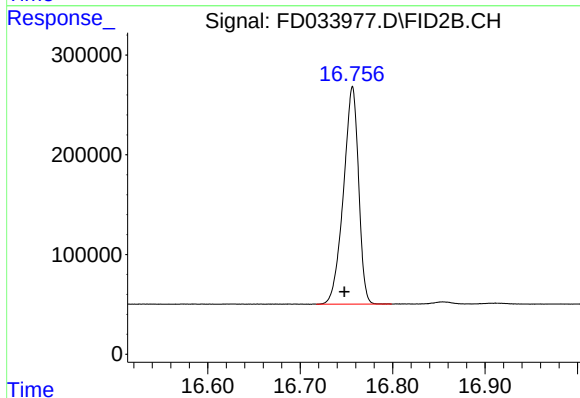
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.378 min
Delta R.T.: 0.007 min
Response: 2544429
Conc: 21.39 ug/ml



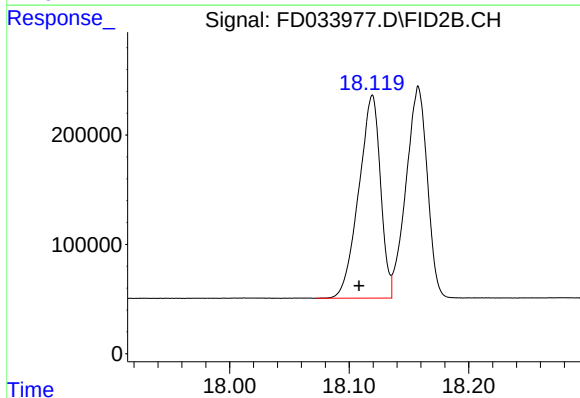
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.411 min
Delta R.T.: 0.009 min
Response: 2472253
Conc: 21.34 ug/ml



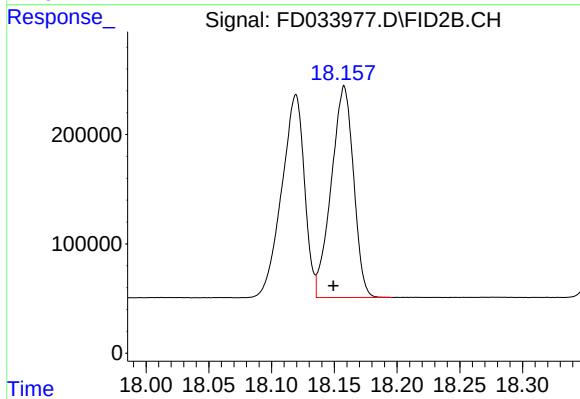
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.757 min
Delta R.T.: 0.009 min
Response: 2478265
Conc: 21.30 ug/ml



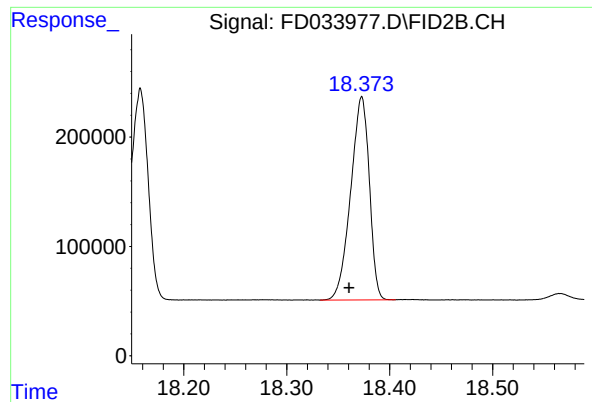
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.119 min
Delta R.T.: 0.011 min
Response: 2343880
Conc: 21.05 ug/ml



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

R.T.: 18.158 min
Delta R.T.: 0.008 min
Response: 2391795
Conc: 21.65 ug/ml



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

R.T.: 18.373 min
Delta R.T.: 0.012 min
Response: 2334809
Conc: 21.14 ug/ml