

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070820AR\
 Data File : FD033930.D
 Signal(s) : FID2B.CH
 Acq On : 08 Jul 2020 5:23
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 08 06:17:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:16:04 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	1268257	10.468 ug/ml
Spiked Amount 50.000		Recovery =	20.94%
6) S 2-Fluorobiphenyl (SURR)	8.573	894656	10.471 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.94%
11) S ortho-Terphenyl (SURR)	11.617	1433590	10.487 ug/ml
Spiked Amount 50.000		Recovery =	20.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.504	1386124	10.429 ug/ml
2) T Naphthalene (C11.7)	6.046	1456880	10.441 ug/ml
3) T 2-Methylnaphthalene (...)	7.099	1467024	10.447 ug/ml
5) T Acenaphthylene (C15.06)	8.377	1420560	10.505 ug/ml
7) T Acenaphthene (C15.5)	8.672	1443716	10.453 ug/ml
8) T Fluorene (C16.55)	9.453	1421445	10.481 ug/ml
9) T Phenanthrene (C19.36)	10.850	1411254	10.428 ug/ml
10) T Anthracene (C19.43)	10.924	1408487	10.532 ug/ml
12) T Fluoranthene (C21.85)	12.661	1414239	10.551 ug/ml
13) T Pyrene (C20.8)	12.958	1381510	10.568 ug/ml
14) T Benzo[a]anthracene (C...	14.827	1331393	10.668 ug/ml
15) T Chrysene (C27.41)	14.869	1326999	10.648 ug/ml
16) T benzo[b]fluoranthene ...	16.375	1270258	10.746 ug/ml
17) T Bnezo[k]fluoranthene ...	16.407	1235266	10.720 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.752	1239330	10.737 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.112	1169680	10.725 ug/ml
20) T Dibenz[a,h]anthracene...	18.153	1181137	10.828 ug/ml
21) T Benzo[g,h,i]perylene ...	18.367	1171729	10.763 ug/ml

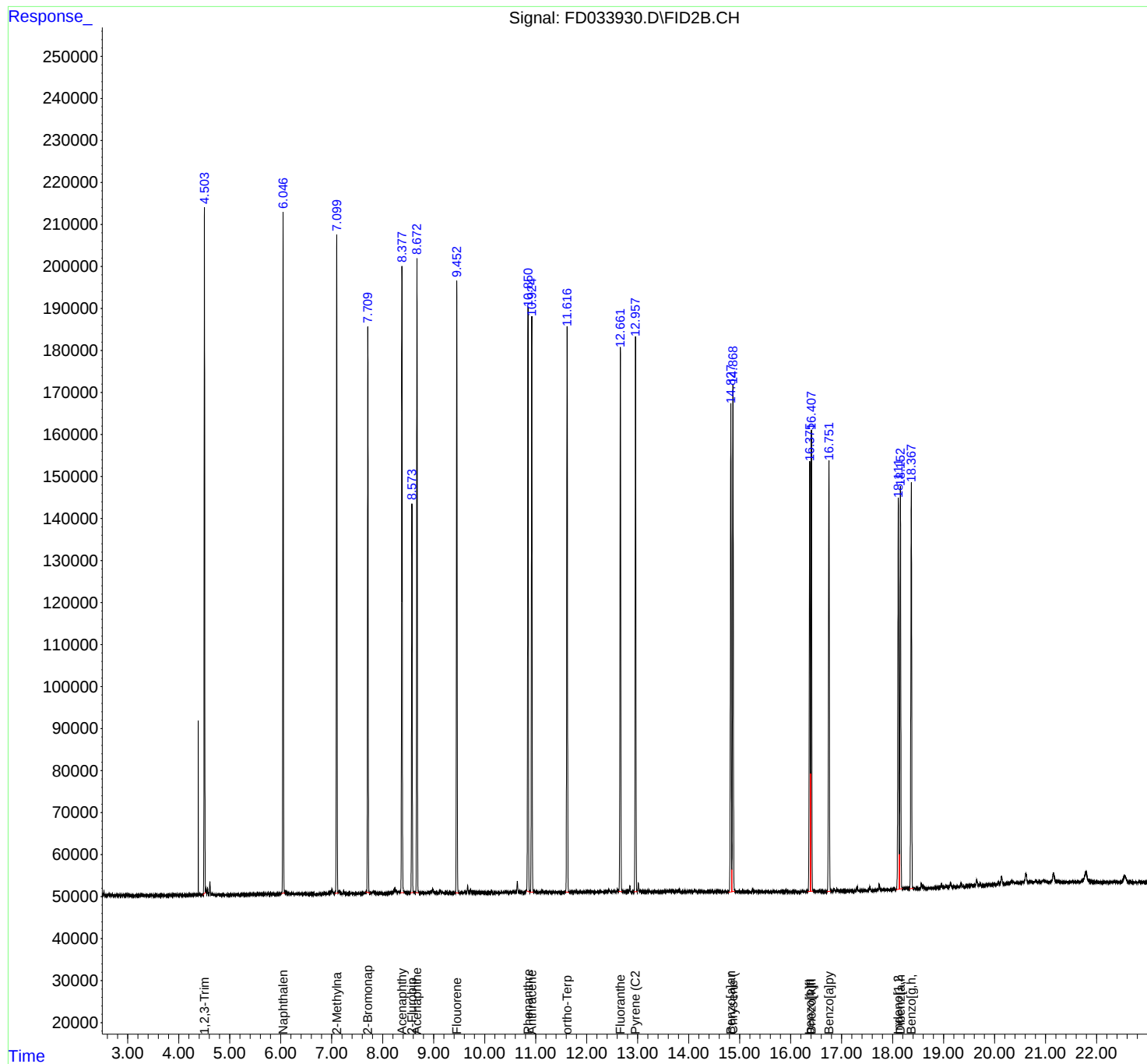
(f)=RT Delta > 1/2 Window

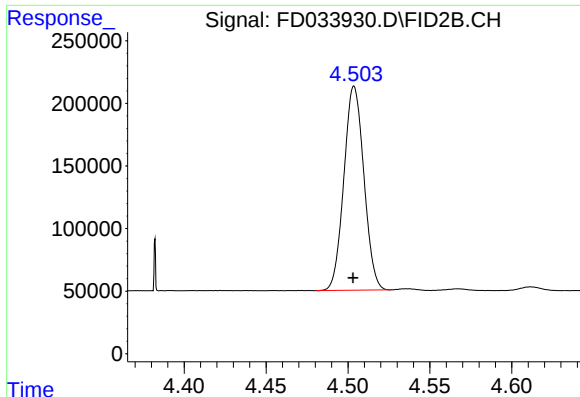
(m)=manual int.

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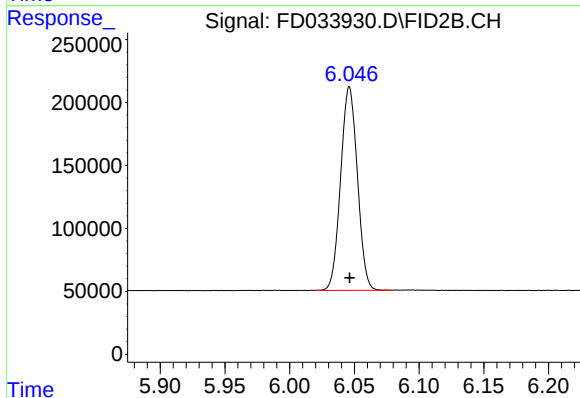
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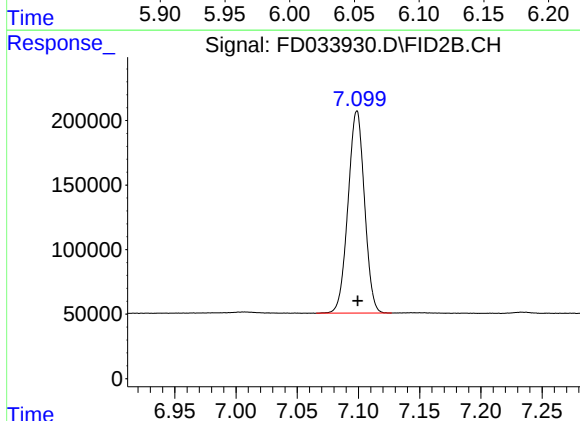
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 1386124
Conc: 10.43 ug/ml



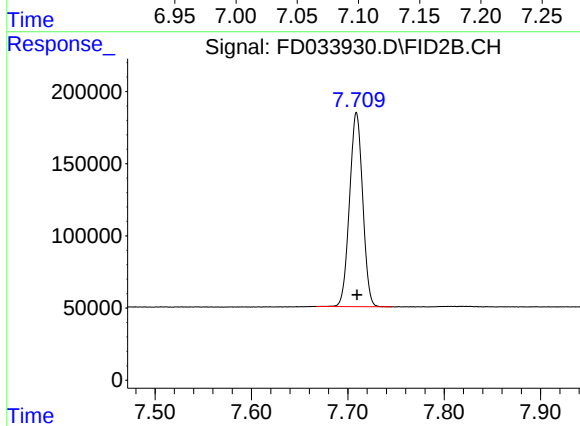
#2 Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 1456880
Conc: 10.44 ug/ml



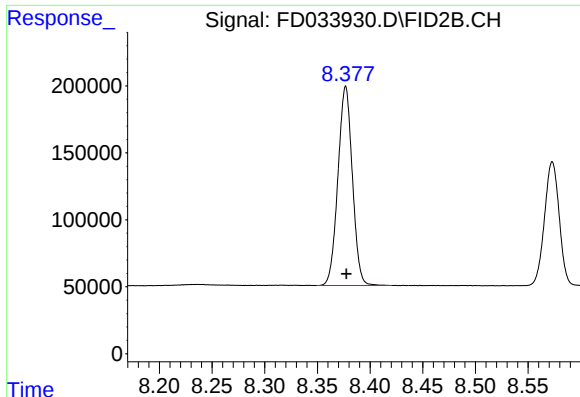
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 1467024
Conc: 10.45 ug/ml



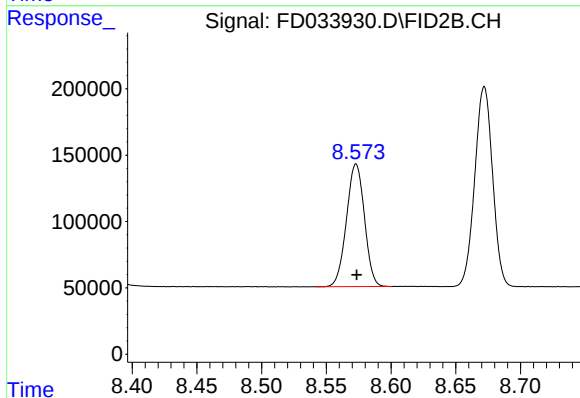
#4 2-Bromonaphthalene (SURR)

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 1268257
Conc: 10.47 ug/ml



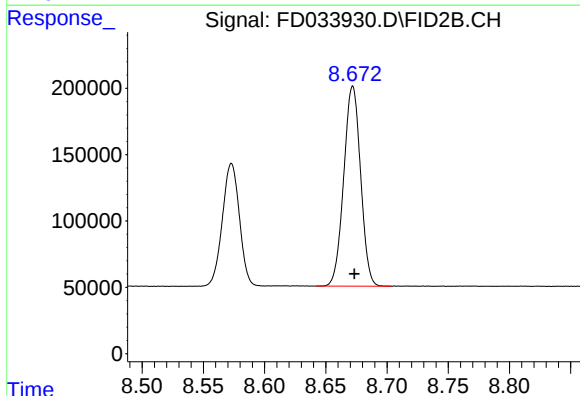
#5 Acenaphthylene (C15.06)

R.T.: 8.377 min
Delta R.T.: 0.000 min
Response: 1420560
Conc: 10.51 ug/ml



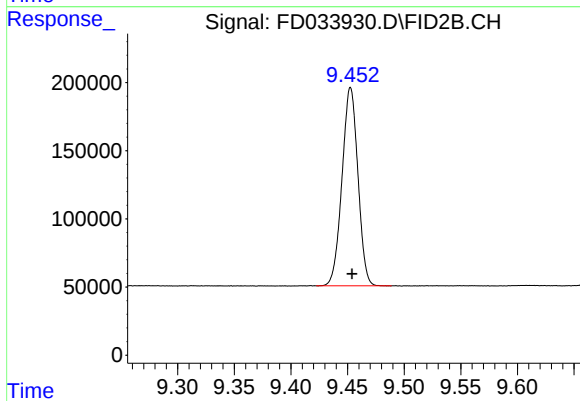
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 894656
Conc: 10.47 ug/ml



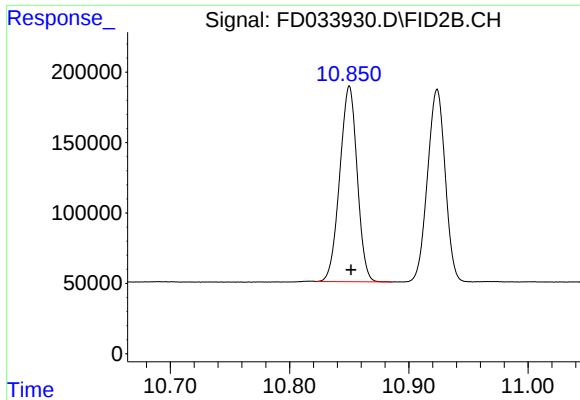
#7 Acenaphthene (C15.5)

R.T.: 8.672 min
Delta R.T.: -0.001 min
Response: 1443716
Conc: 10.45 ug/ml



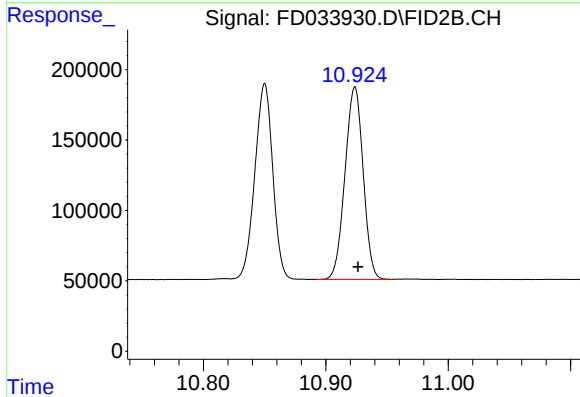
#8 Fluorene (C16.55)

R.T.: 9.453 min
Delta R.T.: -0.001 min
Response: 1421445
Conc: 10.48 ug/ml



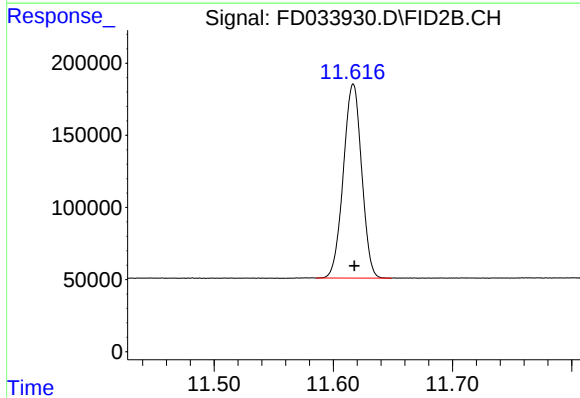
#9 Phenanthrene (C19.36)

R.T.: 10.850 min
Delta R.T.: -0.001 min
Response: 1411254
Conc: 10.43 ug/ml



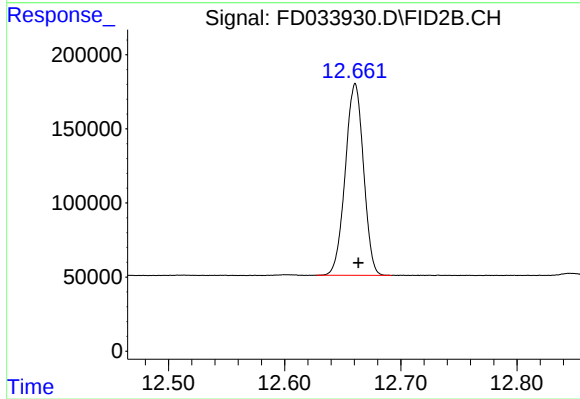
#10 Anthracene (C19.43)

R.T.: 10.924 min
Delta R.T.: -0.003 min
Response: 1408487
Conc: 10.53 ug/ml



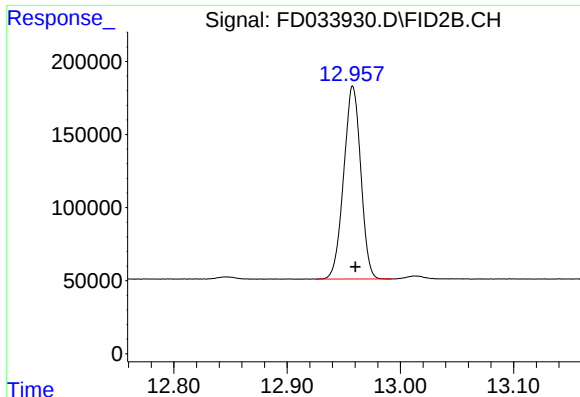
#11 ortho-Terphenyl (SURR)

R.T.: 11.617 min
Delta R.T.: -0.001 min
Response: 1433590
Conc: 10.49 ug/ml



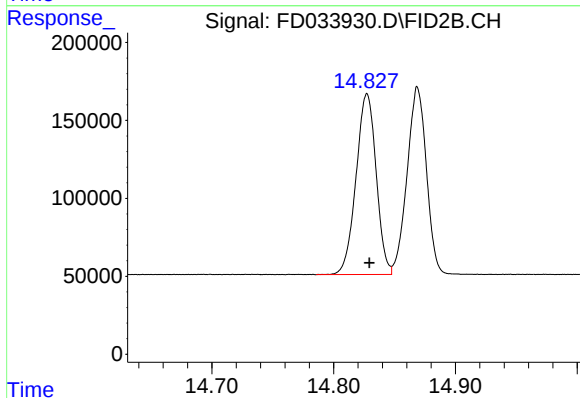
#12 Fluoranthene (C21.85)

R.T.: 12.661 min
Delta R.T.: -0.003 min
Response: 1414239
Conc: 10.55 ug/ml



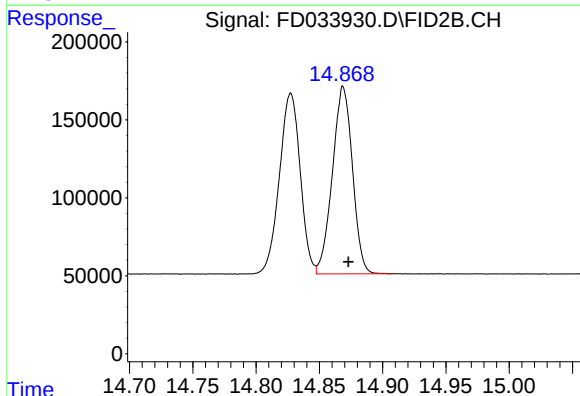
#13 Pyrene (C20.8)

R.T.: 12.958 min
Delta R.T.: -0.002 min
Response: 1381510
Conc: 10.57 ug/ml



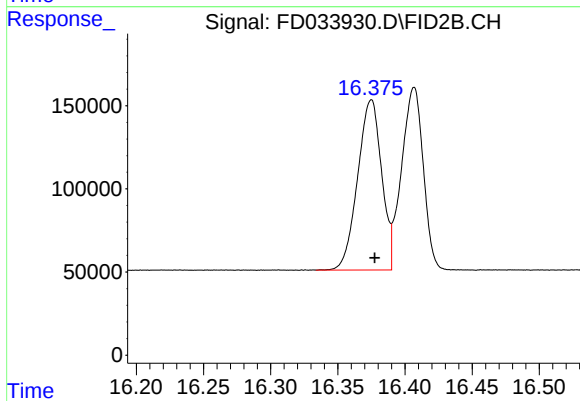
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.827 min
Delta R.T.: -0.002 min
Response: 1331393
Conc: 10.67 ug/ml



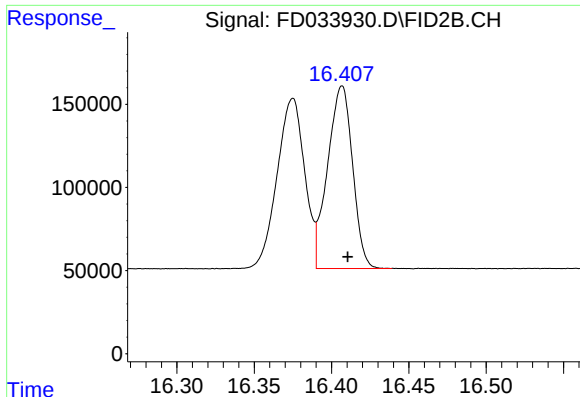
#15 Chrysene (C27.41)

R.T.: 14.869 min
Delta R.T.: -0.004 min
Response: 1326999
Conc: 10.65 ug/ml



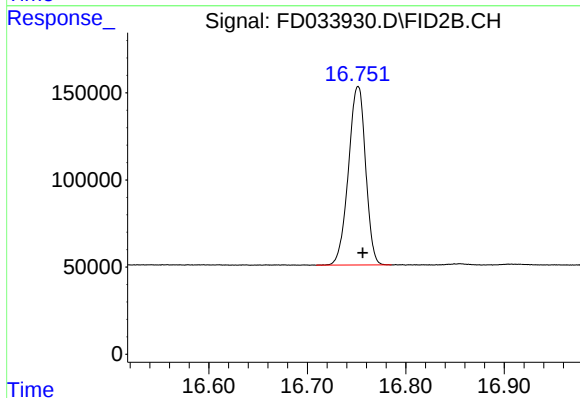
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.375 min
Delta R.T.: -0.003 min
Response: 1270258
Conc: 10.75 ug/ml



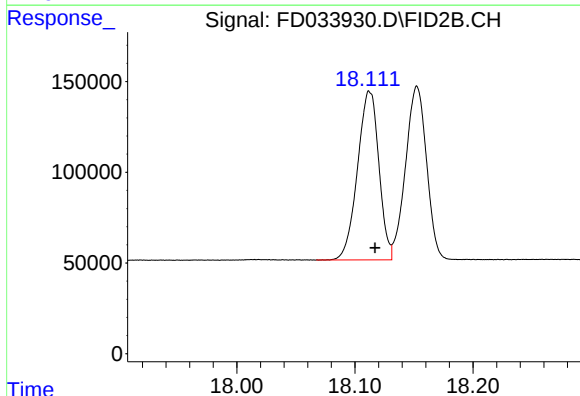
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.407 min
Delta R.T.: -0.004 min
Response: 1235266
Conc: 10.72 ug/ml



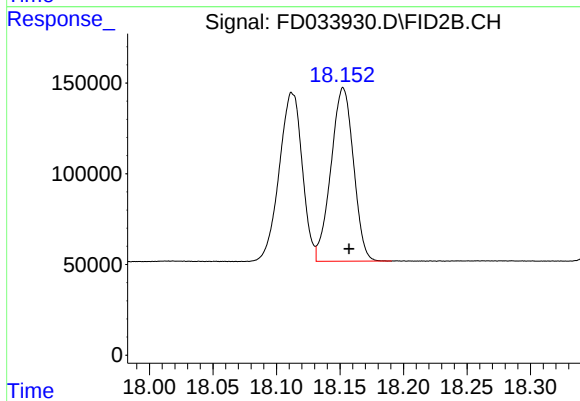
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.752 min
Delta R.T.: -0.005 min
Response: 1239330
Conc: 10.74 ug/ml



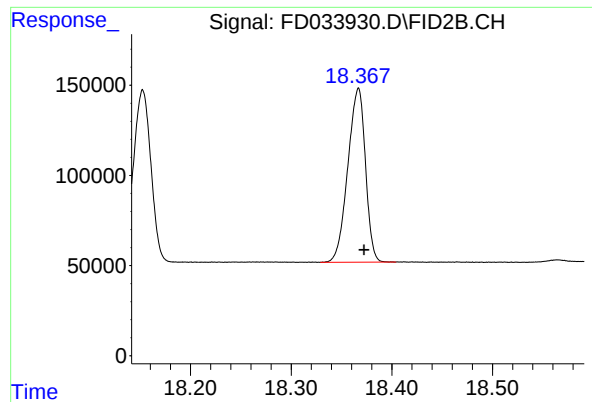
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.112 min
Delta R.T.: -0.005 min
Response: 1169680
Conc: 10.72 ug/ml



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

R.T.: 18.153 min
Delta R.T.: -0.005 min
Response: 1181137
Conc: 10.83 ug/ml



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

R.T.: 18.367 min
Delta R.T.: -0.006 min
Response: 1171729
Conc: 10.76 ug/ml