

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AR\
 Data File : FD042775.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2022 12:48
 Operator : UA/NP
 Sample : N1645-01
 Misc : 4 PPM LOD SOIL
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 07 02:03:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.666	6826306	44.672 ug/ml
Spiked Amount 50.000		Recovery =	89.34%
6) S 2-Fluorobiphenyl (SURR)	8.531	4544283	44.185 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	88.37%
11) S ortho-Terphenyl (SURR)	11.581	6871123	38.706 ug/ml
Spiked Amount 50.000		Recovery =	77.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.454	524062	3.130 ug/ml
2) T Naphthalene (C11.7)	5.998	604435	3.496 ug/ml
3) T 2-Methylnaphthalene (...)	7.051	596779	3.742 ug/ml
5) T Acenaphthylene (C15.06)	8.330	566835	3.281 ug/ml
7) T Acenaphthene (C15.5)	8.626	587418	3.414 ug/ml
8) T Fluorene (C16.55)	9.408	583000	3.473 ug/ml
9) T Phenanthrene (C19.36)	10.806	563510	3.427 ug/ml
10) T Anthracene (C19.43)	10.880	527626	3.452 ug/ml
12) T Fluoranthene (C21.85)	12.620	541959	3.440 ug/ml
13) T Pyrene (C20.8)	12.918	530733	3.409 ug/ml
14) T Benzo[a]anthracene (C...	14.790	439967	3.300 ug/ml
15) T Chrysene (C27.41)	14.831	431980	3.270 ug/ml
16) T benzo[b]fluoranthene ...	16.341	489615	3.675 ug/ml
17) T Bnezo[k]fluoranthene ...	16.372	482490	3.896 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.719	436370	3.526 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.083	441130	3.958 ug/ml
20) T Dibenz[a,h]anthracene...	18.124	468872	4.215 ug/ml
21) T Benzo[g,h,i]perylene ...	18.337	483011	4.064 ug/ml

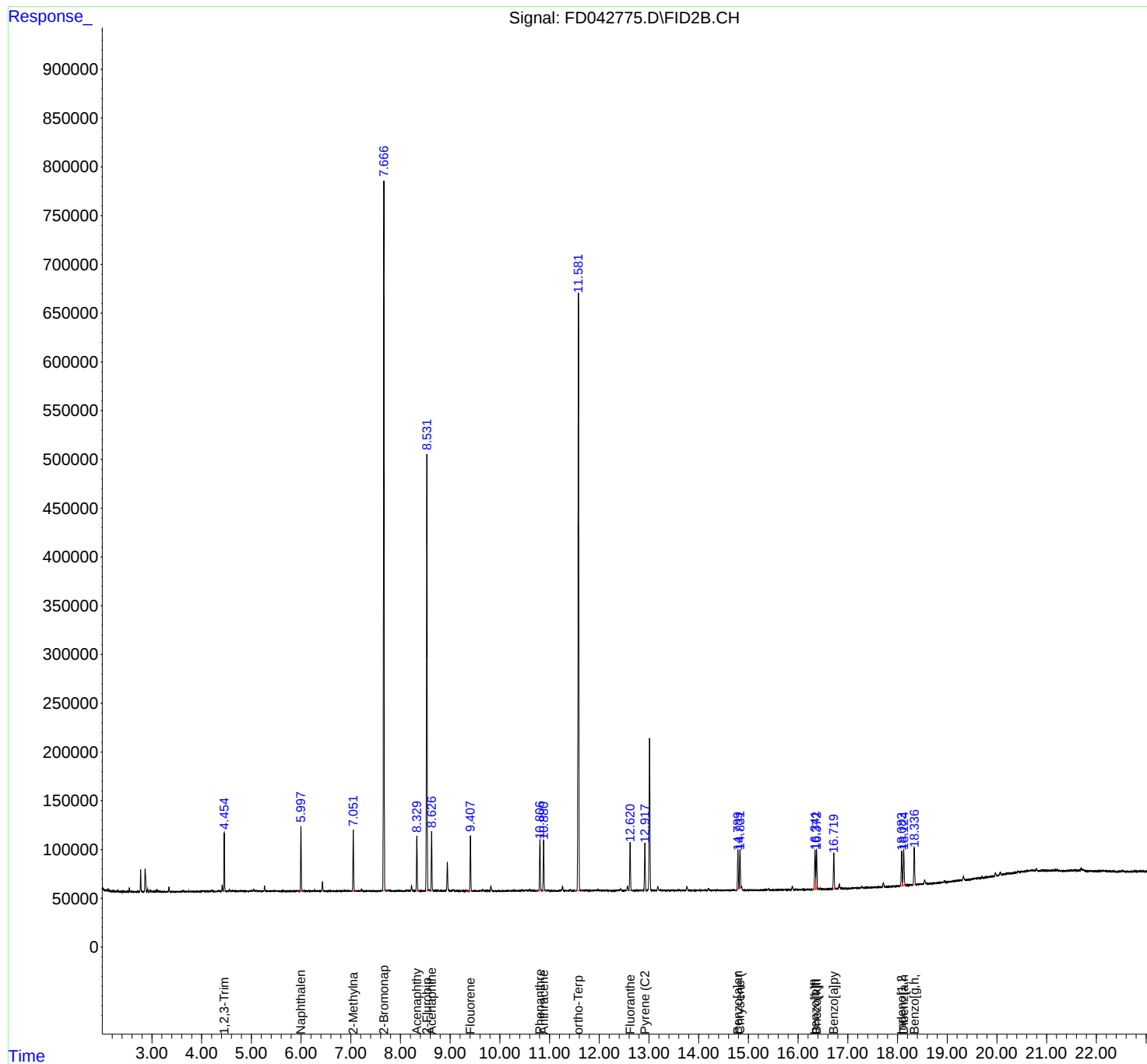
(f)=RT Delta > 1/2 Window

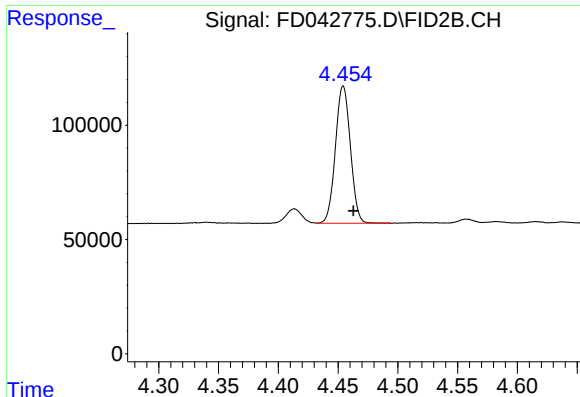
(m)=manual int.

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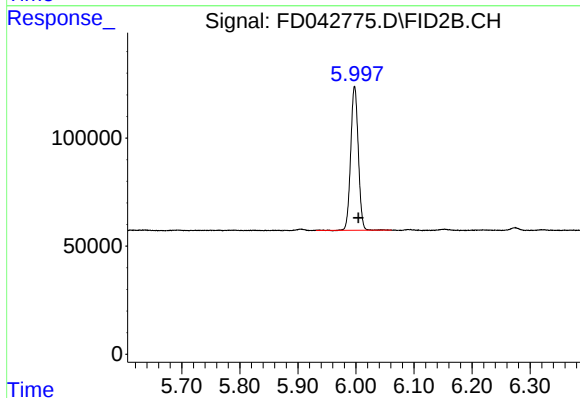
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





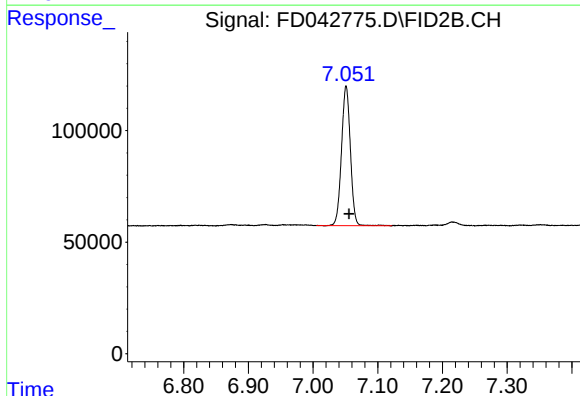
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.454 min
Delta R.T.: -0.009 min
Response: 524062
Conc: 3.13 ug/ml



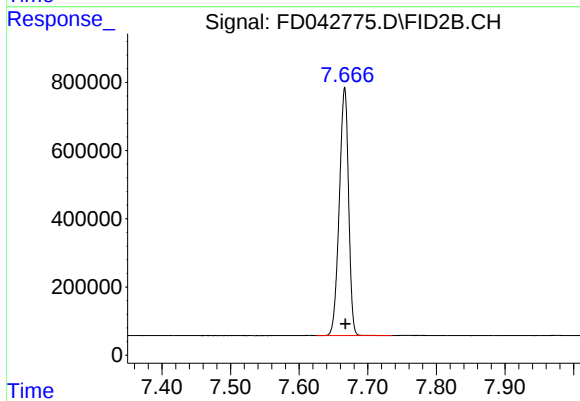
#2 Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.006 min
Response: 604435
Conc: 3.50 ug/ml



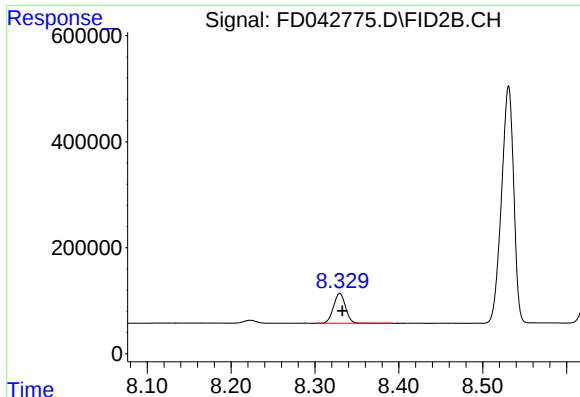
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.004 min
Response: 596779
Conc: 3.74 ug/ml



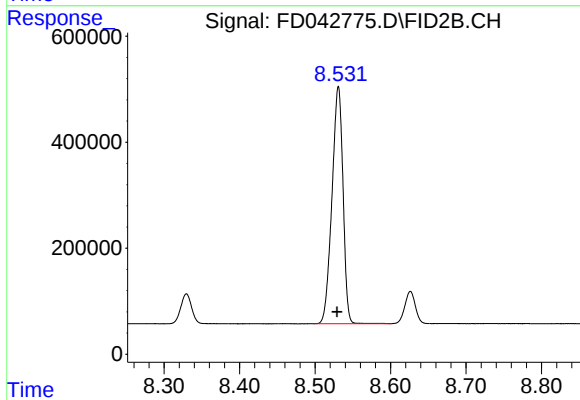
#4 2-Bromonaphthalene (SURR)

R.T.: 7.666 min
Delta R.T.: -0.001 min
Response: 6826306
Conc: 44.67 ug/ml



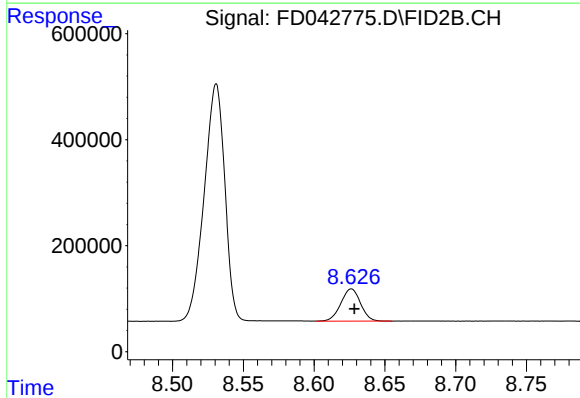
#5 Acenaphthylene (C15.06)

R.T.: 8.330 min
Delta R.T.: -0.003 min
Response: 566835
Conc: 3.28 ug/ml



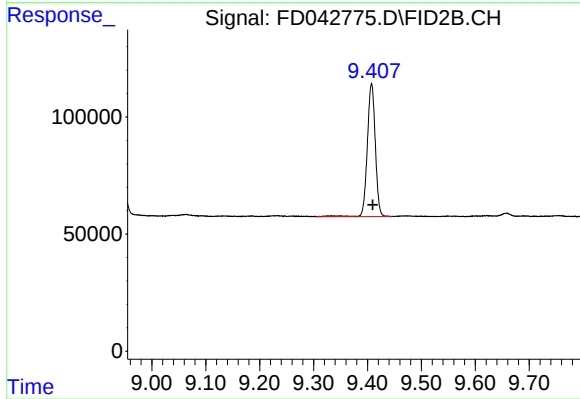
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.531 min
Delta R.T.: 0.001 min
Response: 4544283
Conc: 44.19 ug/ml



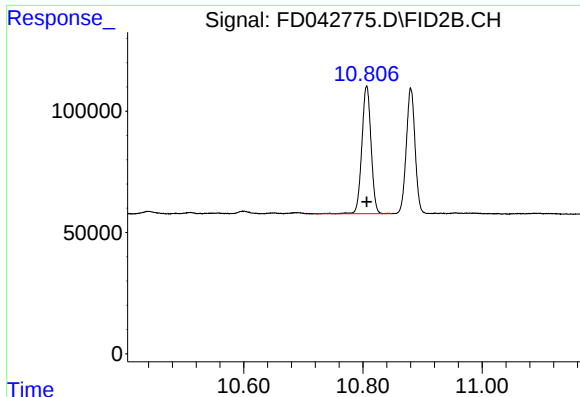
#7 Acenaphthene (C15.5)

R.T.: 8.626 min
Delta R.T.: -0.002 min
Response: 587418
Conc: 3.41 ug/ml



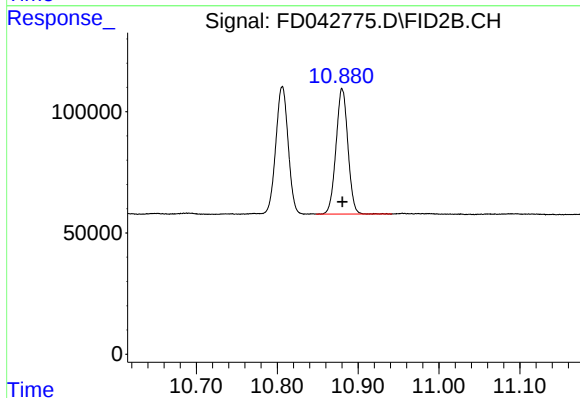
#8 Flouorene (C16.55)

R.T.: 9.408 min
Delta R.T.: -0.002 min
Response: 583000
Conc: 3.47 ug/ml



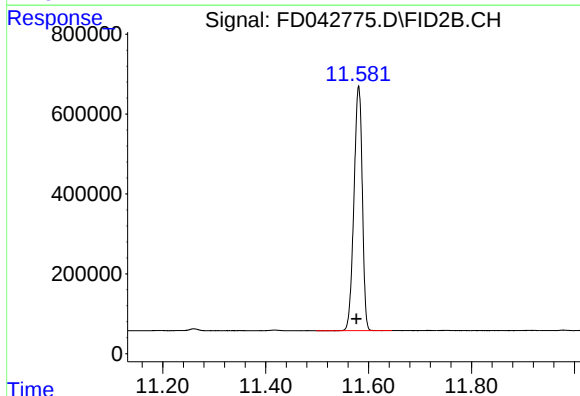
#9 Phenanthrene (C19.36)

R.T.: 10.806 min
Delta R.T.: 0.000 min
Response: 563510
Conc: 3.43 ug/ml



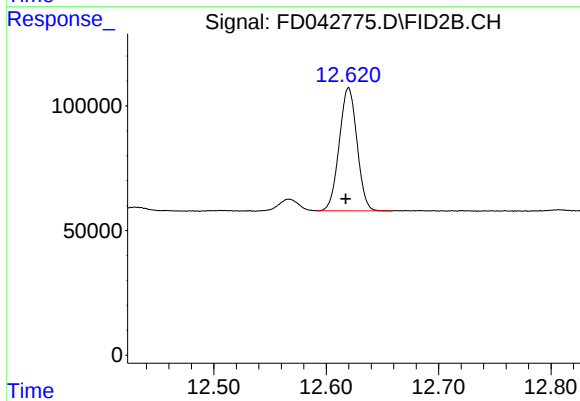
#10 Anthracene (C19.43)

R.T.: 10.880 min
Delta R.T.: 0.000 min
Response: 527626
Conc: 3.45 ug/ml



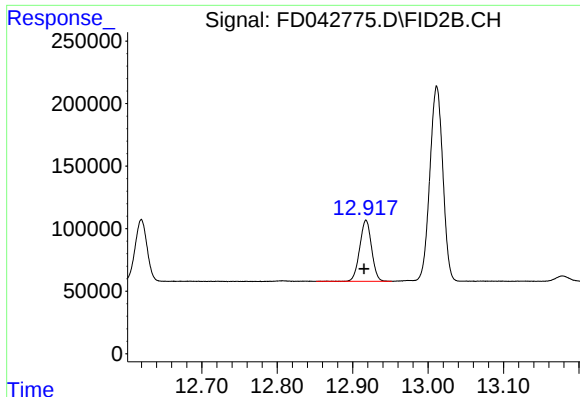
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: 0.004 min
Response: 6871123
Conc: 38.71 ug/ml



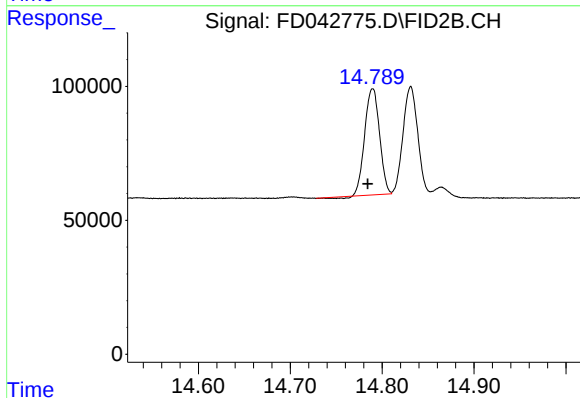
#12 Fluoranthene (C21.85)

R.T.: 12.620 min
Delta R.T.: 0.002 min
Response: 541959
Conc: 3.44 ug/ml



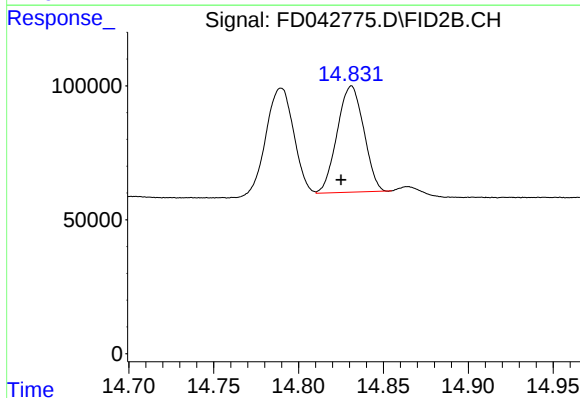
#13 Pyrene (C20.8)

R.T.: 12.918 min
Delta R.T.: 0.003 min
Response: 530733
Conc: 3.41 ug/ml



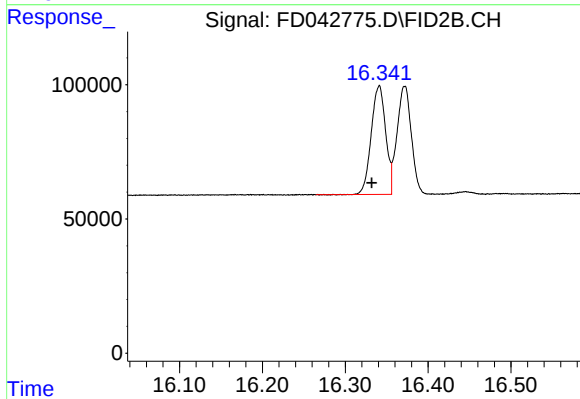
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.790 min
Delta R.T.: 0.005 min
Response: 439967
Conc: 3.30 ug/ml



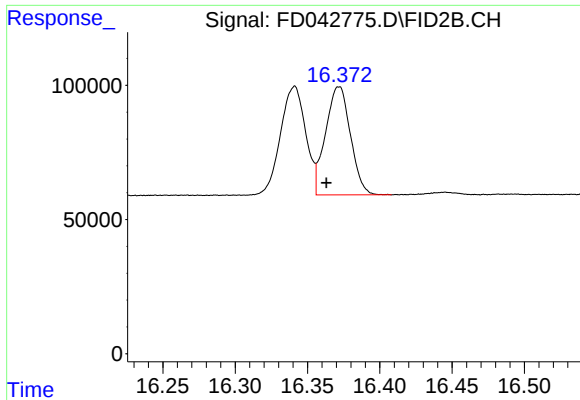
#15 Chrysene (C27.41)

R.T.: 14.831 min
Delta R.T.: 0.006 min
Response: 431980
Conc: 3.27 ug/ml



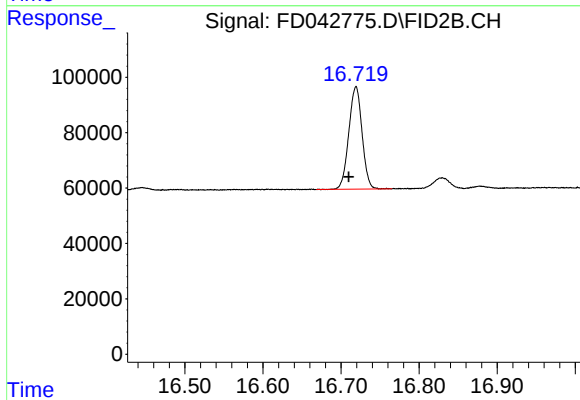
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.341 min
Delta R.T.: 0.009 min
Response: 489615
Conc: 3.68 ug/ml



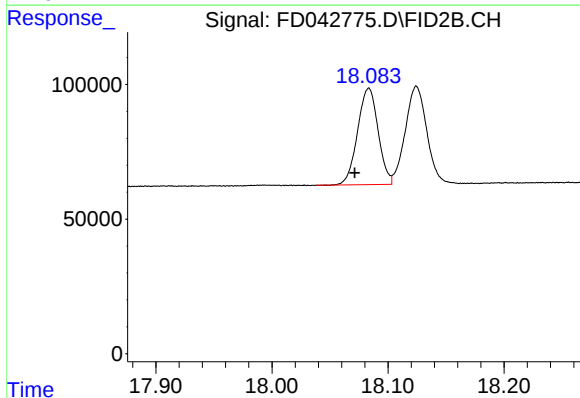
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.372 min
Delta R.T.: 0.008 min
Response: 482490
Conc: 3.90 ug/ml



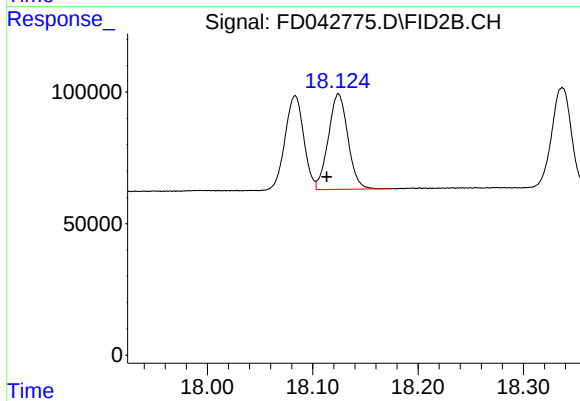
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.719 min
Delta R.T.: 0.009 min
Response: 436370
Conc: 3.53 ug/ml



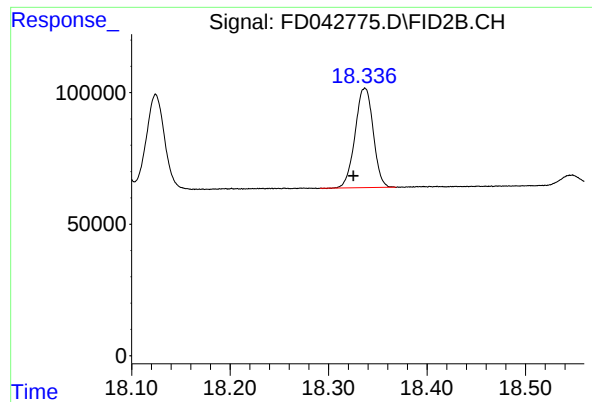
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.083 min
Delta R.T.: 0.012 min
Response: 441130
Conc: 3.96 ug/ml



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

R.T.: 18.124 min
Delta R.T.: 0.011 min
Response: 468872
Conc: 4.22 ug/ml



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

R.T.: 18.337 min
Delta R.T.: 0.012 min
Response: 483011
Conc: 4.06 ug/ml