

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AR\
 Data File : FD042776.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2022 14:10
 Operator : UA/NP
 Sample : N1645-02
 Misc : 5 PPM LOQ SOIL
 ALS Vial : 56 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 07 02:03:47 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	7402949	48.445 ug/ml
Spiked Amount 50.000		Recovery =	96.89%
6) S 2-Fluorobiphenyl (SURR)	8.531	4954434	48.174 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	96.35%
11) S ortho-Terphenyl (SURR)	11.581	7405466	41.716 ug/ml
Spiked Amount 50.000		Recovery =	83.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.454	711066	4.247 ug/ml
2) T Naphthalene (C11.7)	5.997	817375	4.728 ug/ml
3) T 2-Methylnaphthalene (...)	7.051	814542	5.108 ug/ml
5) T Acenaphthylene (C15.06)	8.330	771547	4.466 ug/ml
7) T Acenaphthene (C15.5)	8.626	808721	4.700 ug/ml
8) T Flouorene (C16.55)	9.407	784962	4.676 ug/ml
9) T Phenanthrene (C19.36)	10.806	774954	4.713 ug/ml
10) T Anthracene (C19.43)	10.880	730588	4.780 ug/ml
12) T Fluoranthene (C21.85)	12.621	753128	4.780 ug/ml
13) T Pyrene (C20.8)	12.917	740059	4.753 ug/mlm
14) T Benzo[a]anthracene (C...	14.791	678469	5.089 ug/ml
15) T Chrysene (C27.41)	14.832	688061	5.208 ug/ml
16) T benzo[b]fluoranthene ...	16.341	688476	5.168 ug/ml
17) T Bnezo[k]fluoranthene ...	16.373	682803	5.513 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.720	616935	4.984 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.084	617518	5.540 ug/ml
20) T Dibenz[a,h]anthracene...	18.127	680925	6.121 ug/ml
21) T Benzo[g,h,i]perylene ...	18.338	676205	5.689 ug/ml

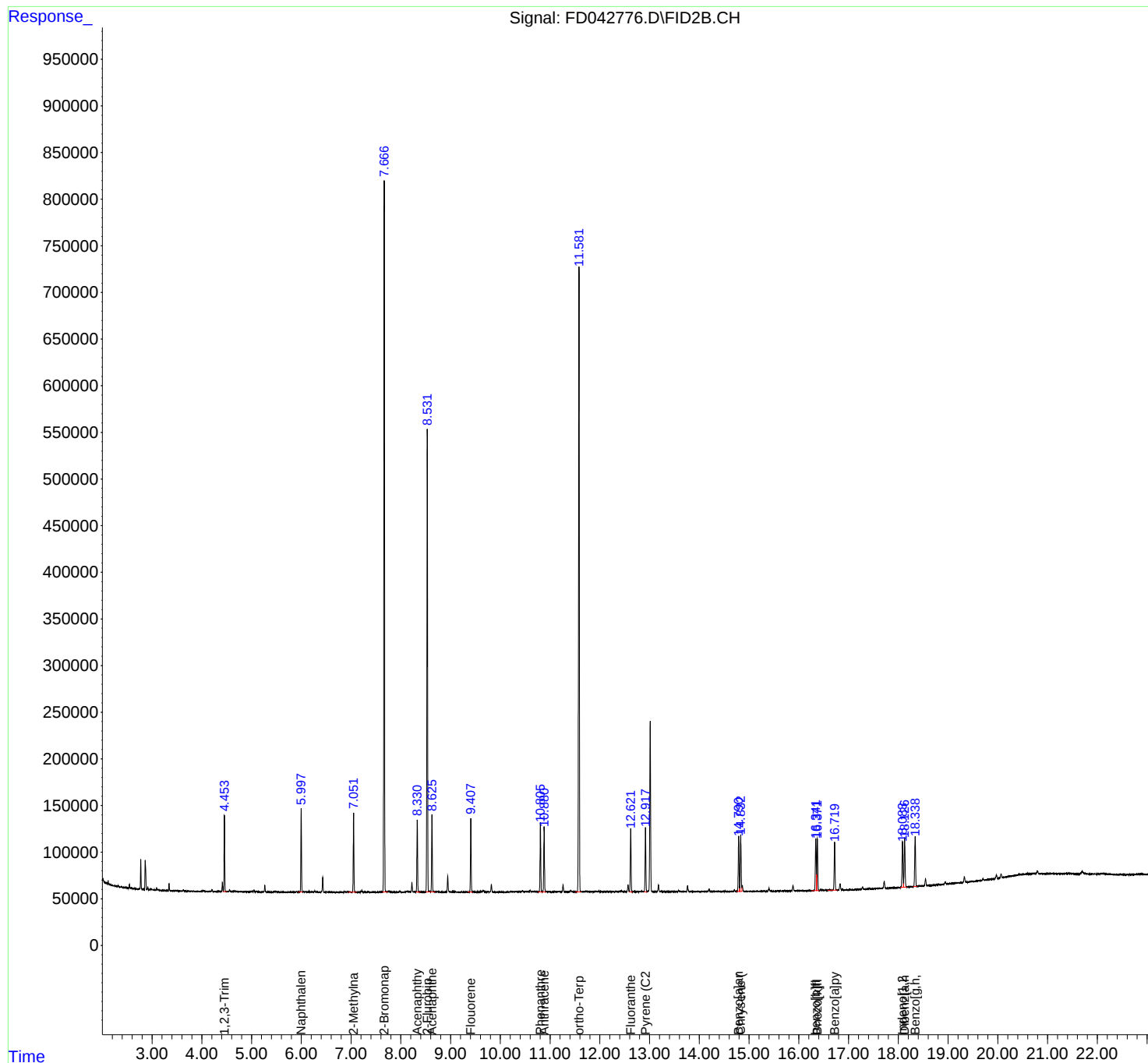
(f)=RT Delta > 1/2 Window

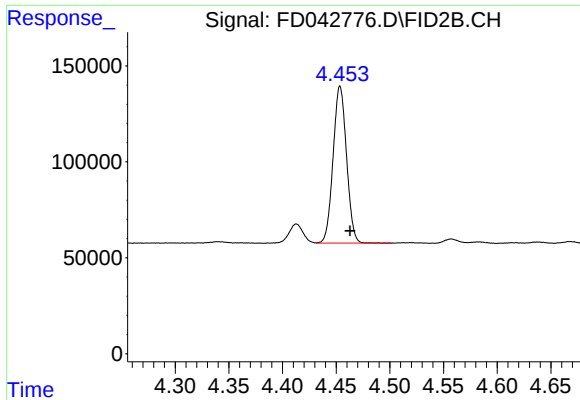
(m)=manual int.

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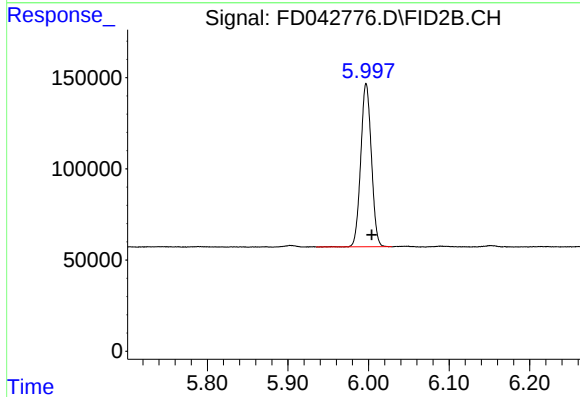
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Signal Info : 20M x 0.18mm x 0.18µm





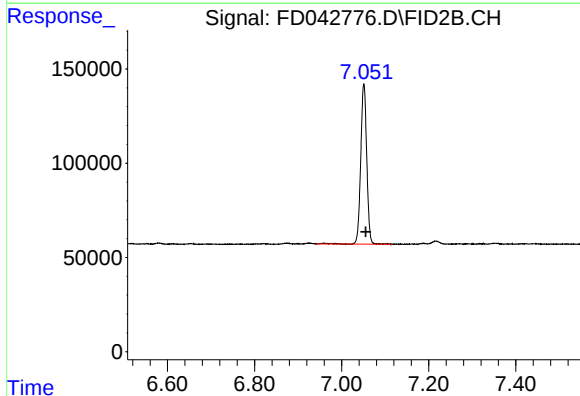
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.454 min
Delta R.T.: -0.009 min
Response: 711066
Conc: 4.25 ug/ml



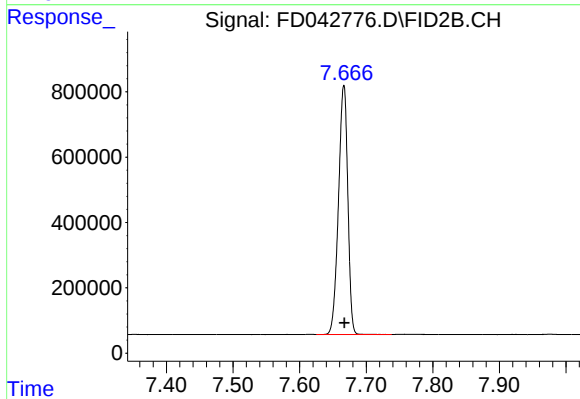
#2 Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.007 min
Response: 817375
Conc: 4.73 ug/ml



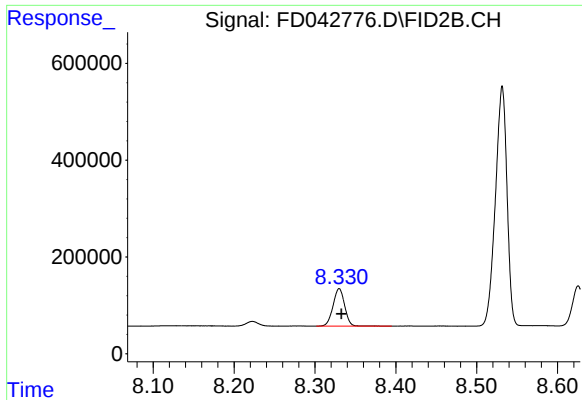
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.005 min
Response: 814542
Conc: 5.11 ug/ml



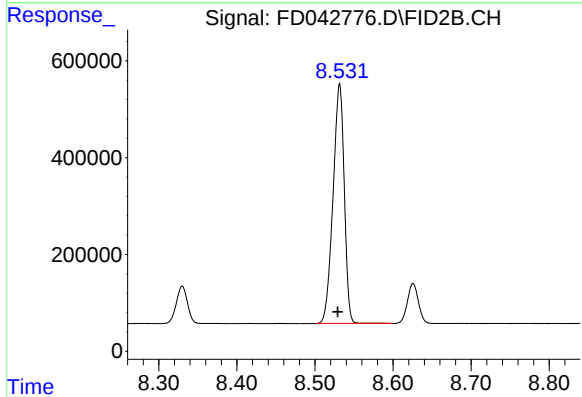
#4 2-Bromonaphthalene (SURR)

R.T.: 7.666 min
Delta R.T.: -0.001 min
Response: 7402949
Conc: 48.45 ug/ml



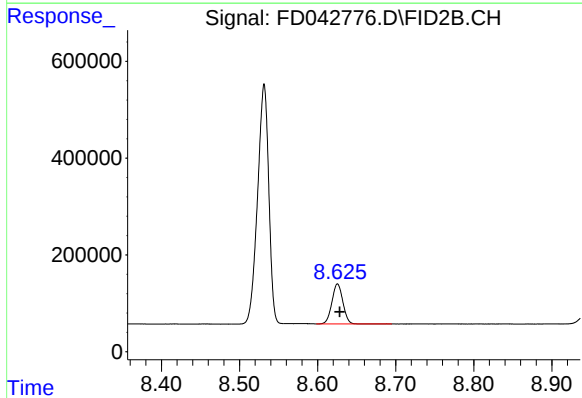
#5 Acenaphthylene (C15.06)

R.T.: 8.330 min
Delta R.T.: -0.003 min
Response: 771547
Conc: 4.47 ug/ml



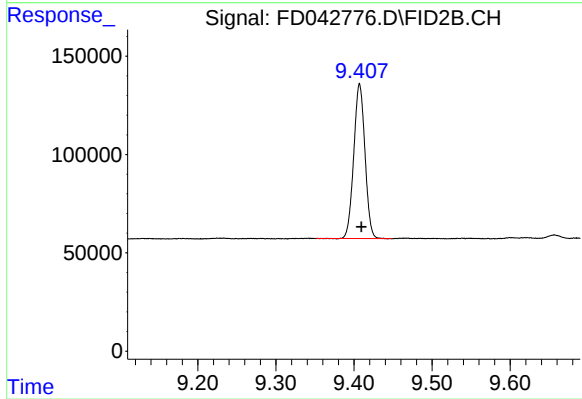
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.531 min
Delta R.T.: 0.002 min
Response: 4954434
Conc: 48.17 ug/ml



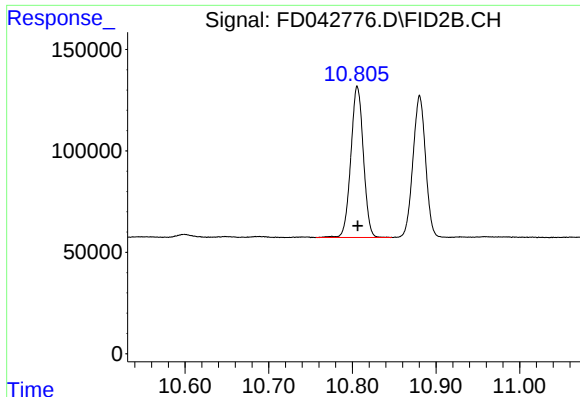
#7 Acenaphthene (C15.5)

R.T.: 8.626 min
Delta R.T.: -0.003 min
Response: 808721
Conc: 4.70 ug/ml



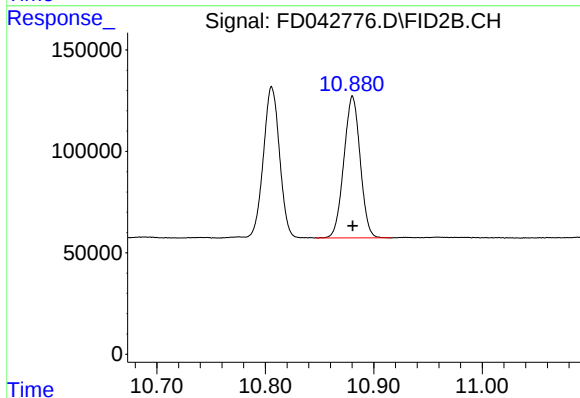
#8 Flouorene (C16.55)

R.T.: 9.407 min
Delta R.T.: -0.002 min
Response: 784962
Conc: 4.68 ug/ml



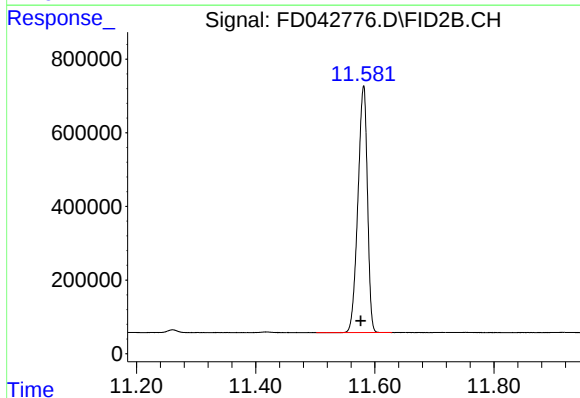
#9 Phenanthrene (C19.36)

R.T.: 10.806 min
Delta R.T.: 0.000 min
Response: 774954
Conc: 4.71 ug/ml



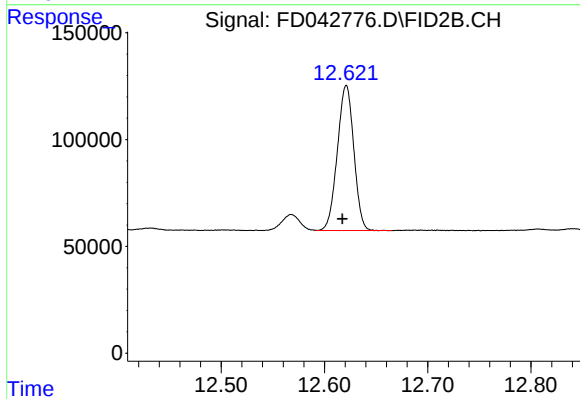
#10 Anthracene (C19.43)

R.T.: 10.880 min
Delta R.T.: 0.000 min
Response: 730588
Conc: 4.78 ug/ml



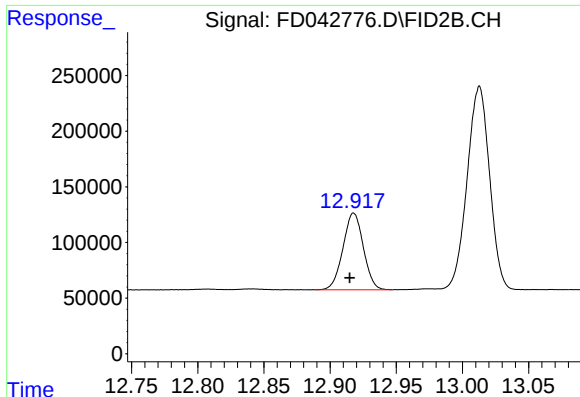
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: 0.005 min
Response: 7405466
Conc: 41.72 ug/ml



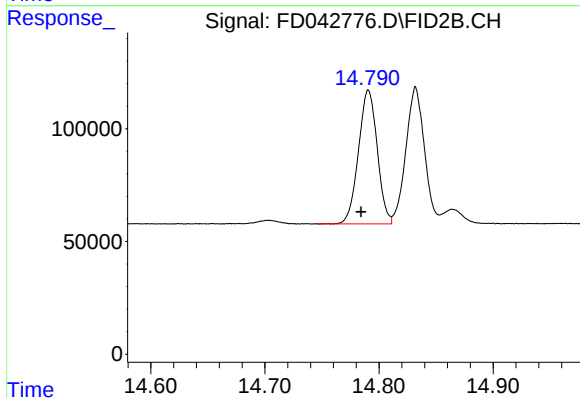
#12 Fluoranthene (C21.85)

R.T.: 12.621 min
Delta R.T.: 0.004 min
Response: 753128
Conc: 4.78 ug/ml



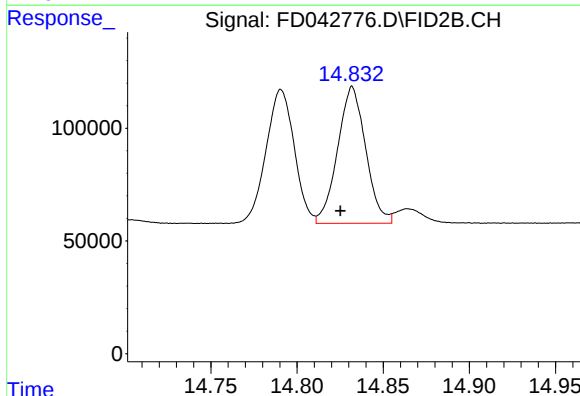
#13 Pyrene (C20.8)

R.T.: 12.917 min
Delta R.T.: 0.002 min
Response: 740059
Conc: 4.75 ug/ml m



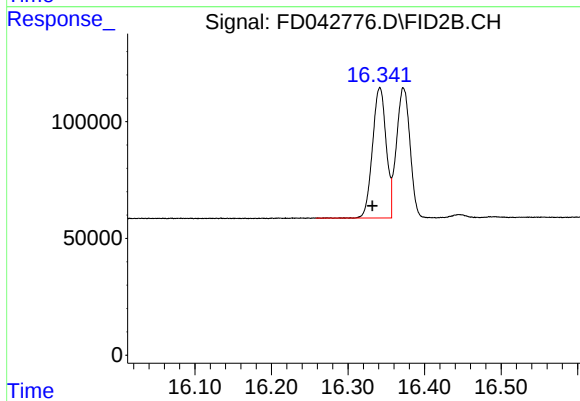
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.791 min
Delta R.T.: 0.007 min
Response: 678469
Conc: 5.09 ug/ml



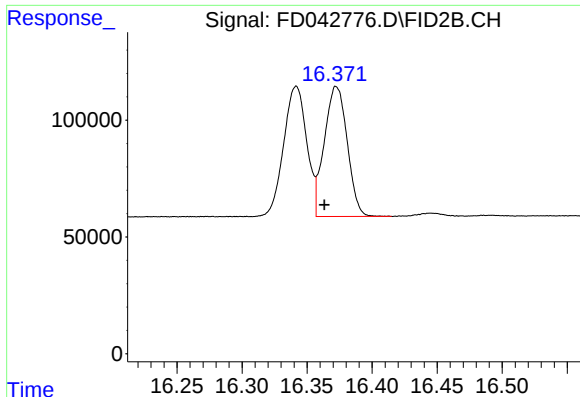
#15 Chrysene (C27.41)

R.T.: 14.832 min
Delta R.T.: 0.007 min
Response: 688061
Conc: 5.21 ug/ml



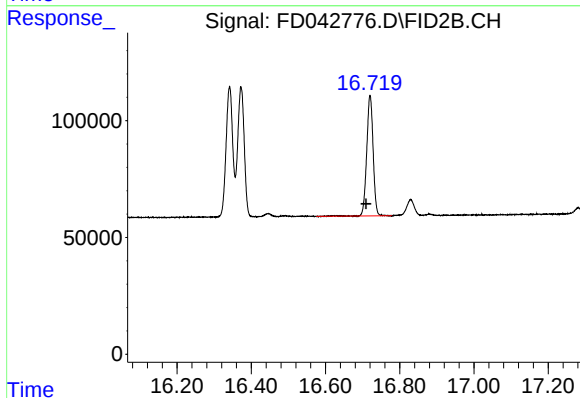
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.341 min
Delta R.T.: 0.010 min
Response: 688476
Conc: 5.17 ug/ml



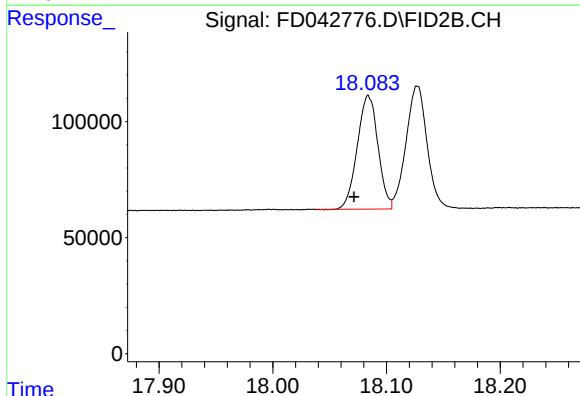
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.373 min
Delta R.T.: 0.009 min
Response: 682803
Conc: 5.51 ug/ml



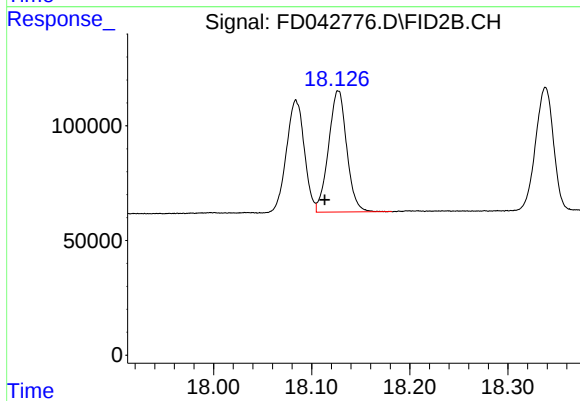
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.720 min
Delta R.T.: 0.010 min
Response: 616935
Conc: 4.98 ug/ml



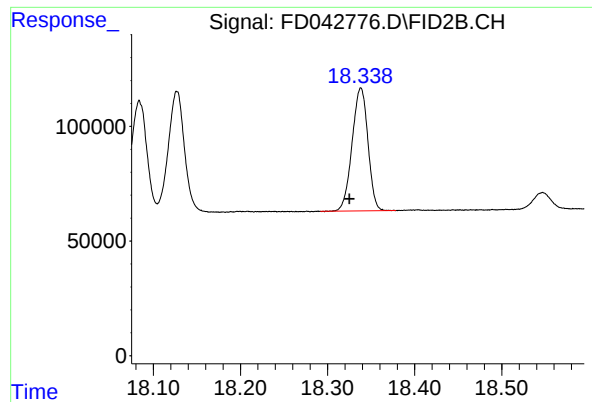
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.084 min
Delta R.T.: 0.013 min
Response: 617518
Conc: 5.54 ug/ml



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

R.T.: 18.127 min
Delta R.T.: 0.014 min
Response: 680925
Conc: 6.12 ug/ml



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

R.T.: 18.338 min
Delta R.T.: 0.013 min
Response: 676205
Conc: 5.69 ug/ml