

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040621AR\
 Data File : FD036732.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2021 11:55
 Operator : DD\AJ
 Sample : M1458-03
 Misc : MDL-SOIL- 2.5 PPM
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 07 02:21:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 2021
 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...	7.589	6641798	47.224 ug/ml
Spiked Amount 50.000		Recovery =	94.45%
6) S 2-Fluorobiphenyl (SURR)	8.449	4297181	45.779 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	91.56%
11) S ortho-Terphenyl (SURR)	11.491	5785464	37.880 ug/ml
Spiked Amount 50.000		Recovery =	75.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.386	283018	1.931 ug/ml
2) T Naphthalene (C11.7)	5.923	322845	2.054 ug/ml
3) T 2-Methylnaphthalene (...)	6.974	341234	2.171 ug/ml
5) T Acenaphthylene (C15.06)	8.248	301609	2.013 ug/ml
7) T Acenaphthene (C15.5)	8.543	306867	1.977 ug/ml
8) T Fluorene (C16.55)	9.322	301537	2.003 ug/ml
9) T Phenanthrene (C19.36)	10.716	270861	1.848 ug/mlm
10) T Anthracene (C19.43)	10.790	266042	1.838 ug/mlm
12) T Fluoranthene (C21.85)	12.524	262674	1.871 ug/ml
13) T Pyrene (C20.8)	12.820	258782	1.886 ug/ml
14) T Benzo[a]anthracene (C...	14.687	223579	1.883 ug/mlm
15) T Chrysene (C27.41)	14.729	284305	2.351 ug/mlm
16) T benzo[b]fluoranthene ...	16.232	240123	2.188 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.263	243180	2.288 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.611	226037	2.268 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.971	208412	2.073 ug/ml
20) T Dibenz[a,h]anthracene...	18.014	263942	2.618 ug/ml
21) T Benzo[g,h,i]perylene ...	18.222	231830	2.288 ug/ml

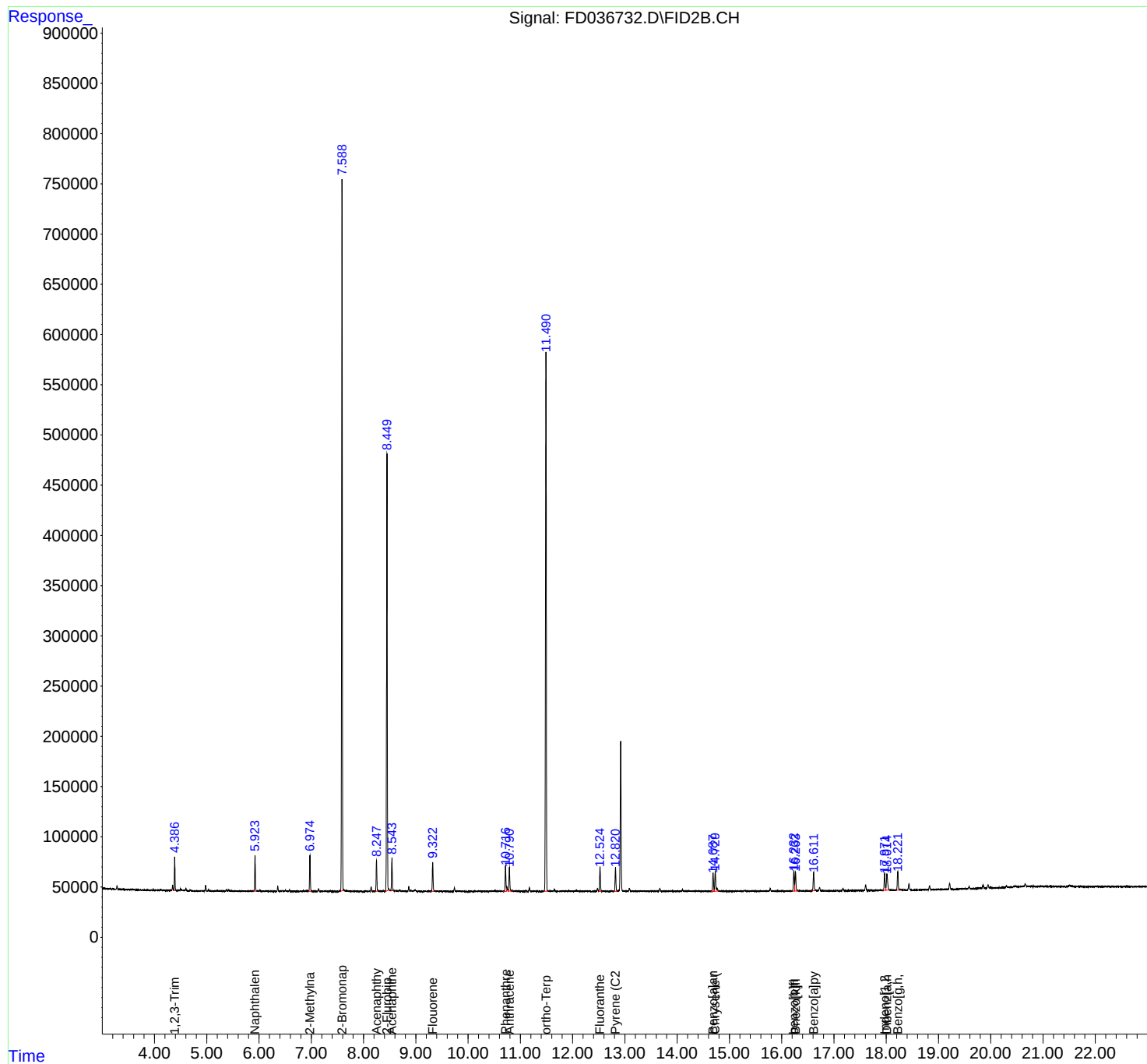
(f)=RT Delta > 1/2 Window

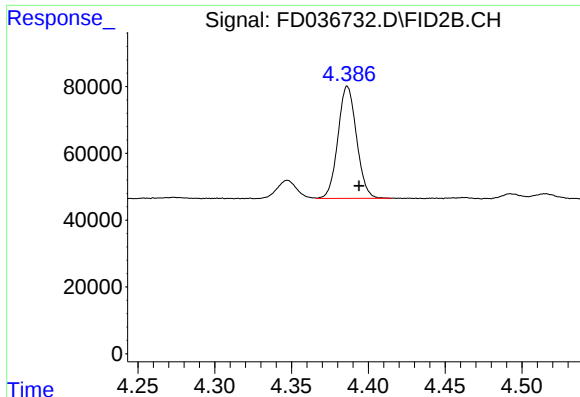
(m)=manual int.

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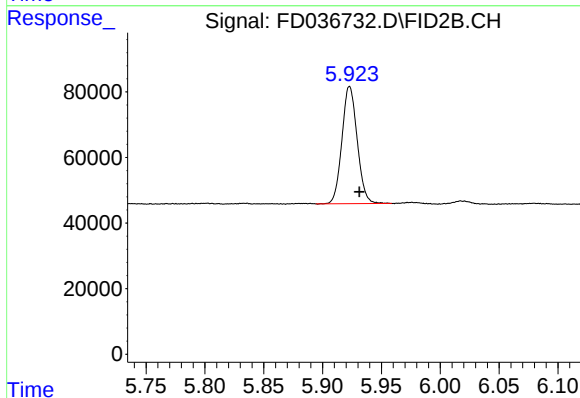
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





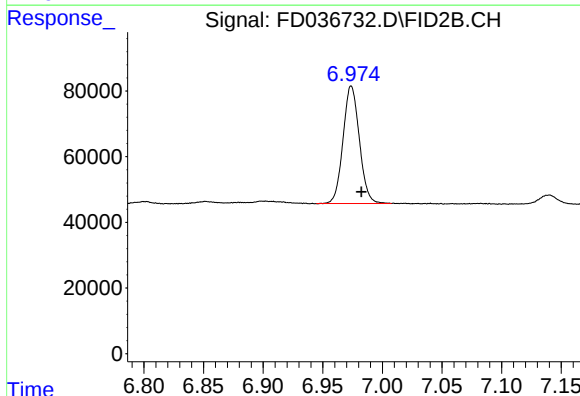
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.386 min
Delta R.T.: -0.008 min
Response: 283018
Conc: 1.93 ug/ml



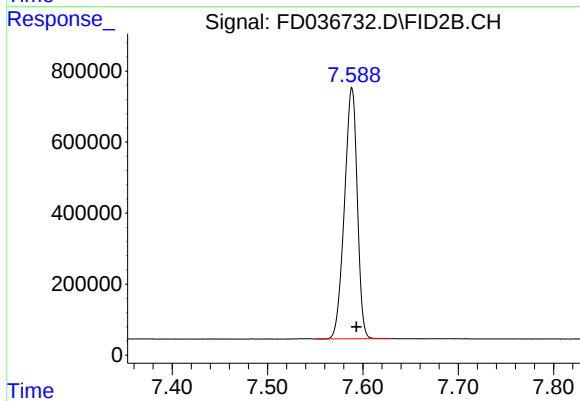
#2 Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.008 min
Response: 322845
Conc: 2.05 ug/ml



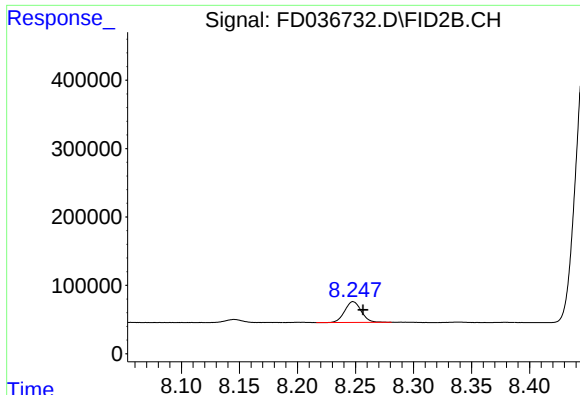
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.974 min
Delta R.T.: -0.009 min
Response: 341234
Conc: 2.17 ug/ml



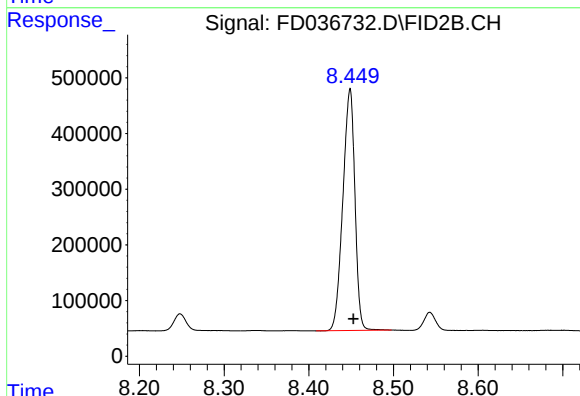
#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: -0.005 min
Response: 6641798
Conc: 47.22 ug/ml



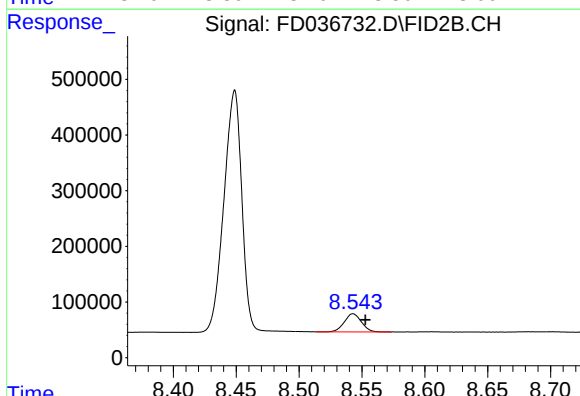
#5 Acenaphthylene (C15.06)

R.T.: 8.248 min
Delta R.T.: -0.009 min
Response: 301609
Conc: 2.01 ug/ml



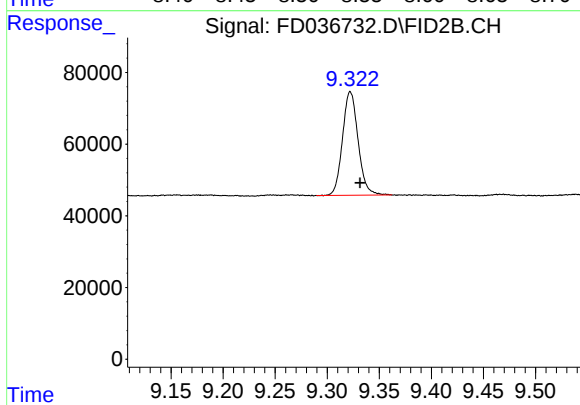
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.004 min
Response: 4297181
Conc: 45.78 ug/ml



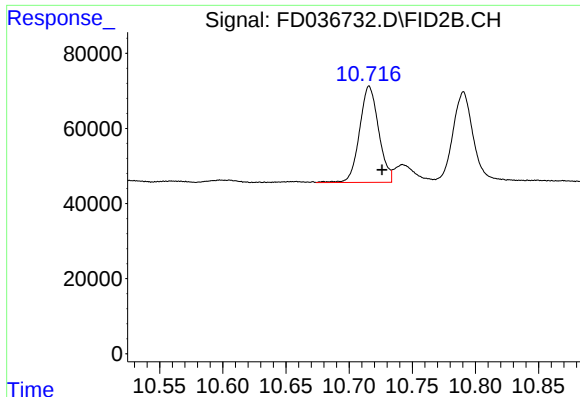
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.010 min
Response: 306867
Conc: 1.98 ug/ml



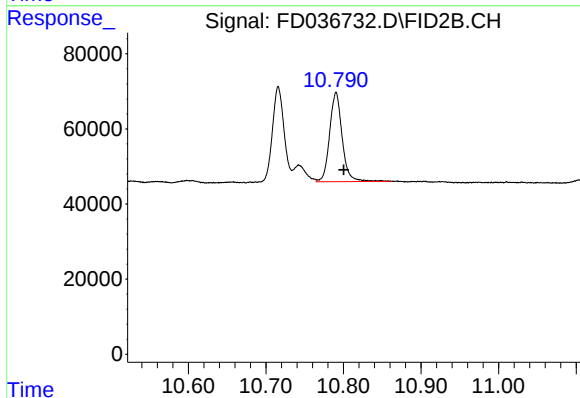
#8 Fluorene (C16.55)

R.T.: 9.322 min
Delta R.T.: -0.009 min
Response: 301537
Conc: 2.00 ug/ml



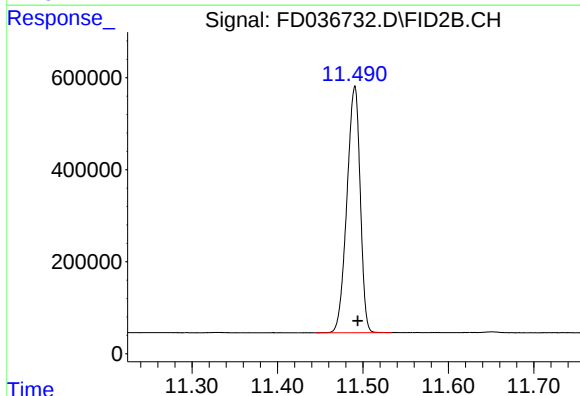
#9 Phenanthrene (C19.36)

R.T.: 10.716 min
Delta R.T.: -0.010 min
Response: 270861
Conc: 1.85 ug/ml m



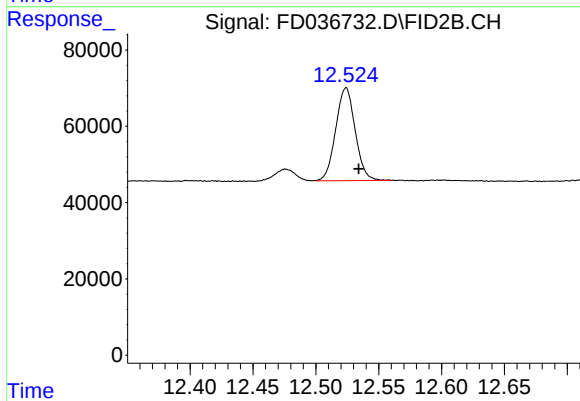
#10 Anthracene (C19.43)

R.T.: 10.790 min
Delta R.T.: -0.010 min
Response: 266042
Conc: 1.84 ug/ml m



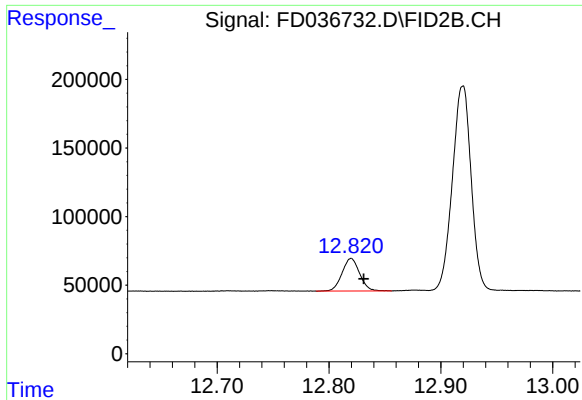
#11 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: -0.003 min
Response: 5785464
Conc: 37.88 ug/ml



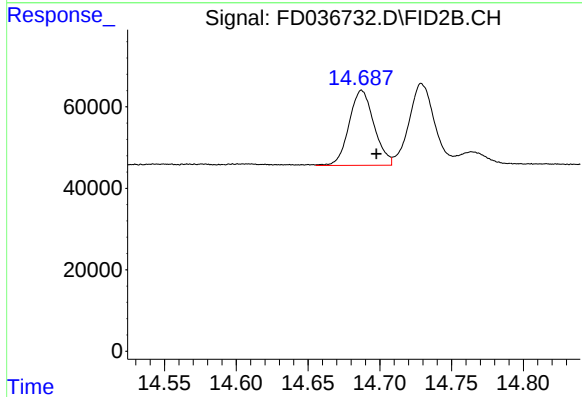
#12 Fluoranthene (C21.85)

R.T.: 12.524 min
Delta R.T.: -0.010 min
Response: 262674
Conc: 1.87 ug/ml



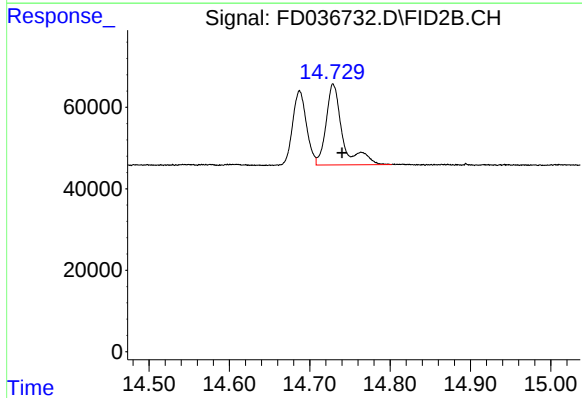
#13 Pyrene (C20.8)

R.T.: 12.820 min
Delta R.T.: -0.011 min
Response: 258782
Conc: 1.89 ug/ml



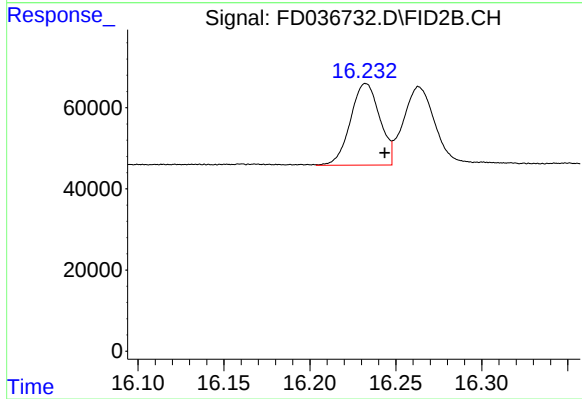
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.687 min
Delta R.T.: -0.011 min
Response: 223579
Conc: 1.88 ug/ml m



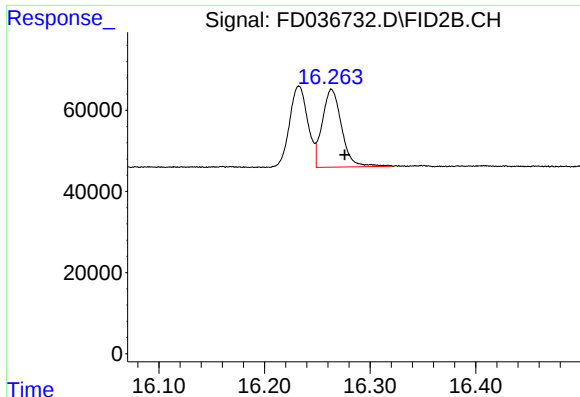
#15 Chrysene (C27.41)

R.T.: 14.729 min
Delta R.T.: -0.012 min
Response: 284305
Conc: 2.35 ug/ml m



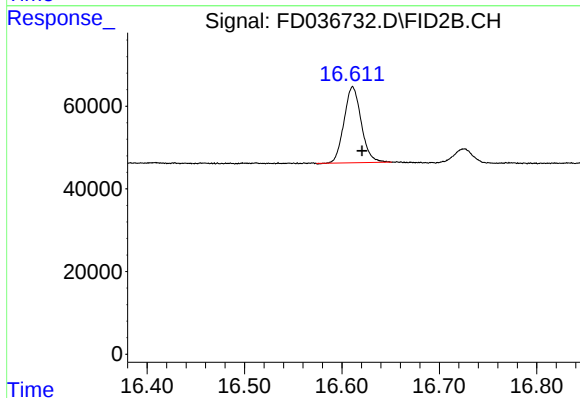
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.232 min
Delta R.T.: -0.012 min
Response: 240123
Conc: 2.19 ug/ml m



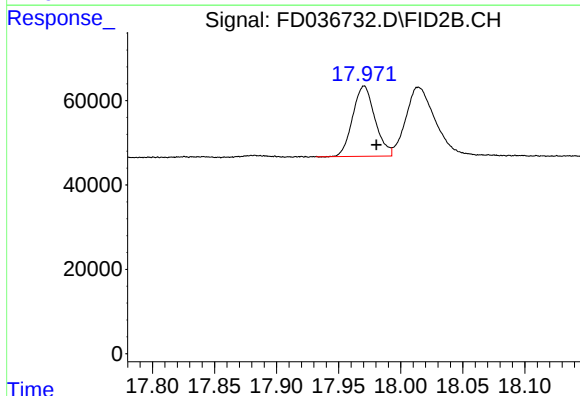
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.263 min
Delta R.T.: -0.013 min
Response: 243180
Conc: 2.29 ug/ml m



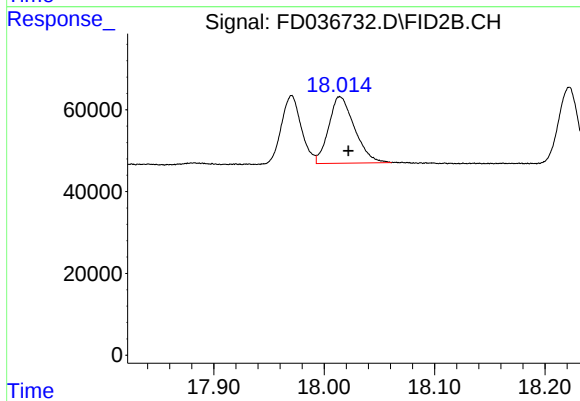
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.611 min
Delta R.T.: -0.010 min
Response: 226037
Conc: 2.27 ug/ml



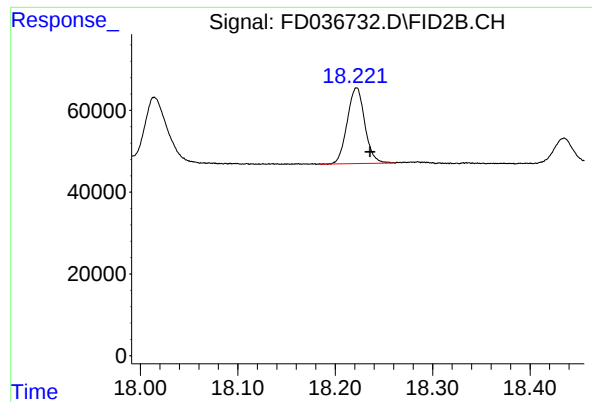
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.971 min
Delta R.T.: -0.010 min
Response: 208412
Conc: 2.07 ug/ml



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

R.T.: 18.014 min
Delta R.T.: -0.008 min
Response: 263942
Conc: 2.62 ug/ml



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

R.T.: 18.222 min
Delta R.T.: -0.014 min
Response: 231830
Conc: 2.29 ug/ml