

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122120AR\
 Data File : FD035829.D
 Signal(s) : FID2B.CH
 Acq On : 22 Dec 2020 2:05
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 02:52:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 02:27:00 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...	7.596	447106	3.920 ug/ml
Spiked Amount 50.000		Recovery =	7.84%
6) S 2-Fluorobiphenyl (SURR)	8.473	240799	3.222 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.44%
11) S ortho-Terphenyl (SURR)	11.487	596507	4.528 ug/ml
Spiked Amount 50.000		Recovery =	9.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.392	544408	4.236 ug/ml
2) T Naphthalene (C11.7)	5.935	509799	3.848 ug/mlm
3) T 2-Methylnaphthalene (...)	6.987	517084	3.910 ug/mlm
5) T Acenaphthylene (C15.06)	8.258	562713	4.329 ug/ml
7) T Acenaphthene (C15.5)	8.549	627932	4.545 ug/ml
8) T Fluorene (C16.55)	9.342	512637	4.008 ug/mlm
9) T Phenanthrene (C19.36)	10.737	524831	4.158 ug/mlm
10) T Anthracene (C19.43)	10.816	565402	4.411 ug/mlm
12) T Fluoranthene (C21.85)	12.551	534800	4.258 ug/ml
13) T Pyrene (C20.8)	12.846	534739	4.237 ug/ml
14) T Benzo[a]anthracene (C...	14.724	364898	3.487 ug/mlm
15) T Chrysene (C27.41)	14.765	617478	5.049 ug/mlm
16) T benzo[b]fluoranthene ...	16.277	367962	3.656 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.309	558904	5.064 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	388281	4.114 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	285921	3.278 ug/mlm
20) T Dibenz[a,h]anthracene...	18.073	522502	4.891 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	392524	4.091 ug/ml

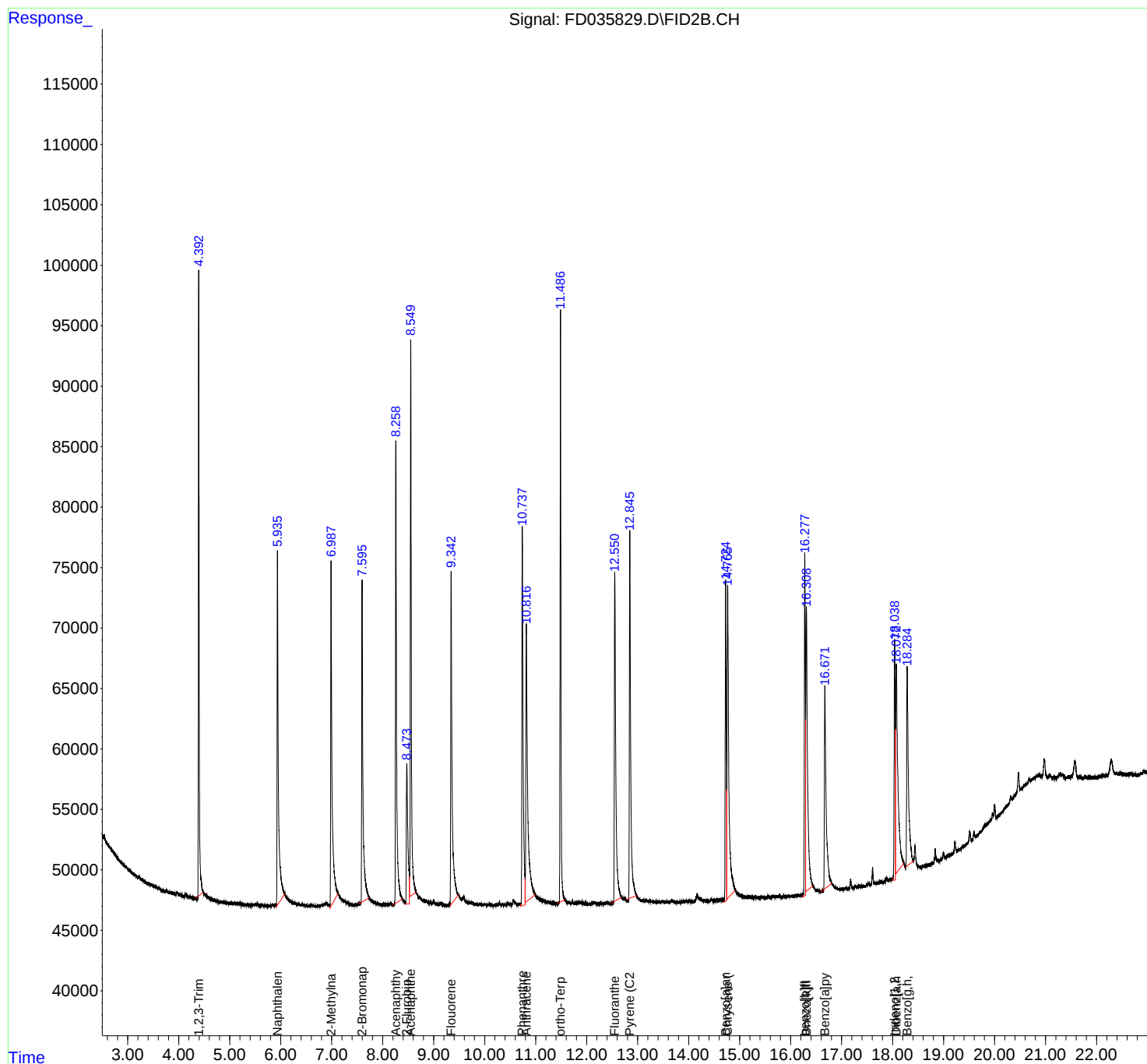
(f)=RT Delta > 1/2 Window

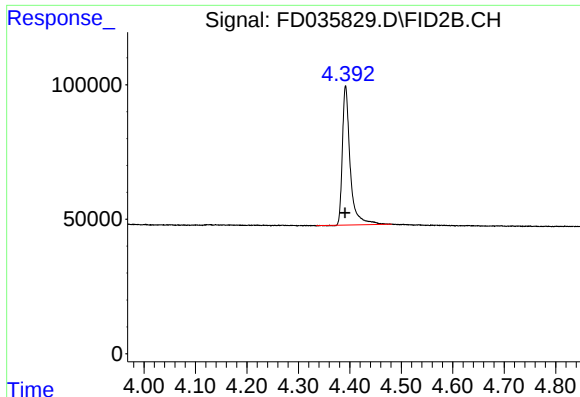
(m)=manual int.

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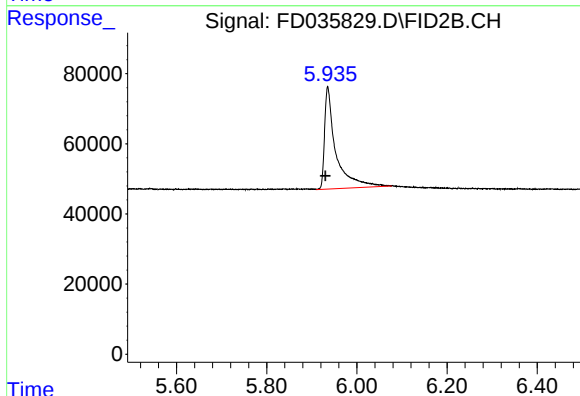
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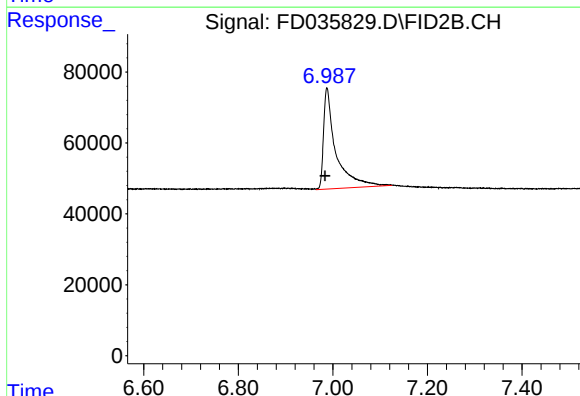
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.392 min
Delta R.T.: 0.001 min
Response: 544408
Conc: 4.24 ug/ml



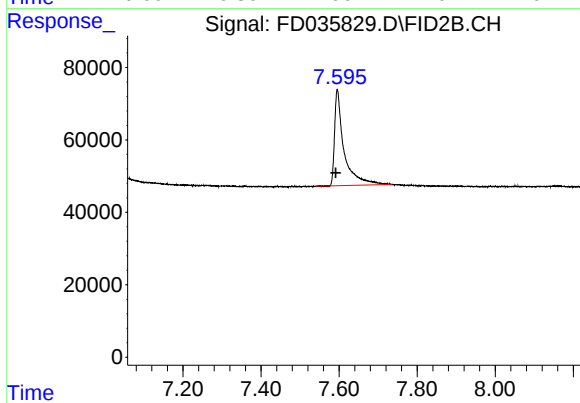
#2 Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: 0.005 min
Response: 509799
Conc: 3.85 ug/ml m



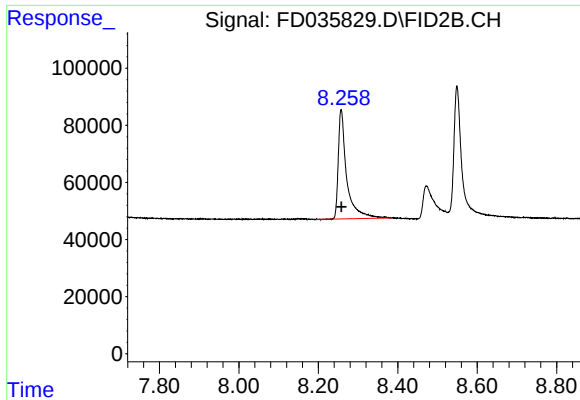
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: 0.003 min
Response: 517084
Conc: 3.91 ug/ml m



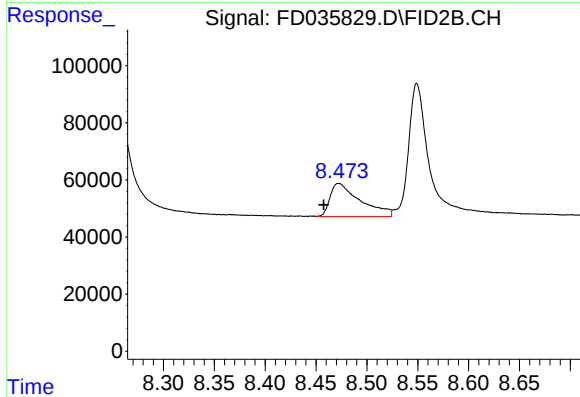
#4 2-Bromonaphthalene (SURR)

R.T.: 7.596 min
Delta R.T.: 0.005 min
Response: 447106
Conc: 3.92 ug/ml



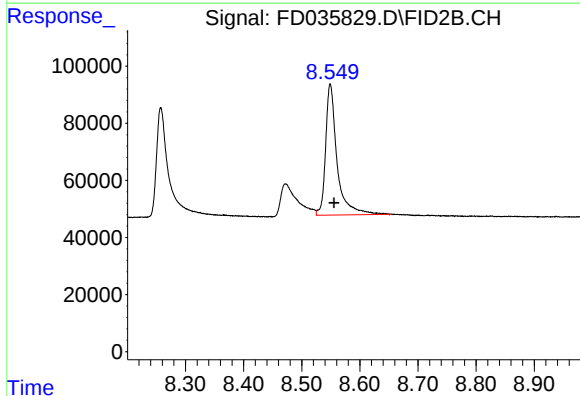
#5 Acenaphthylene (C15.06)

R.T.: 8.258 min
Delta R.T.: 0.000 min
Response: 562713
Conc: 4.33 ug/ml



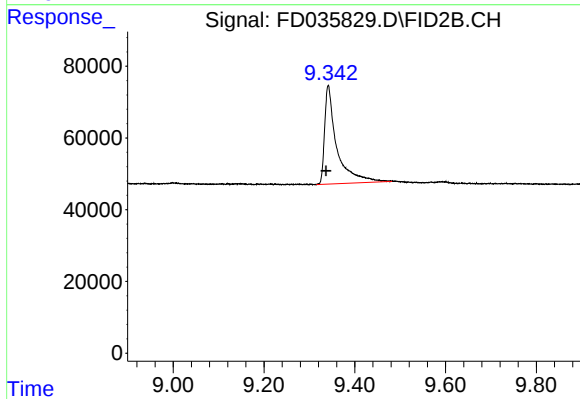
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.473 min
Delta R.T.: 0.015 min
Response: 240799
Conc: 3.22 ug/ml m



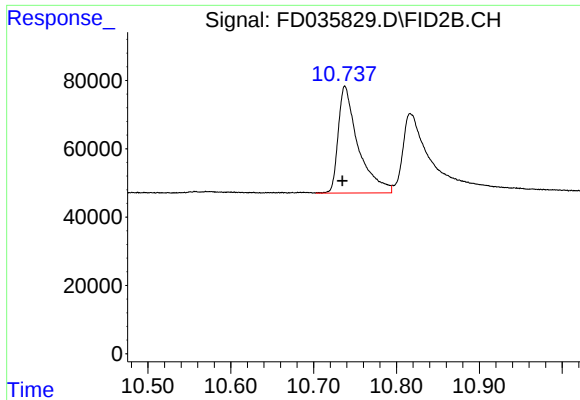
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: -0.006 min
Response: 627932
Conc: 4.55 ug/ml



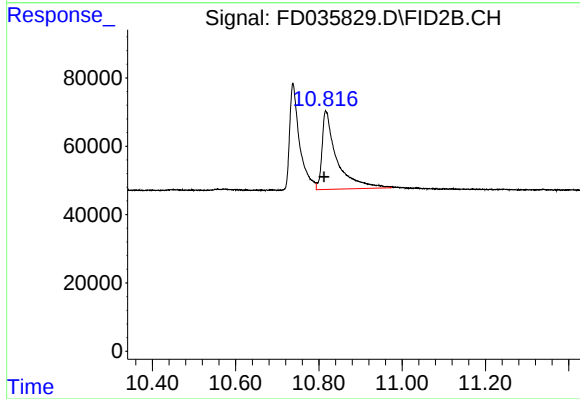
#8 Flouorene (C16.55)

R.T.: 9.342 min
Delta R.T.: 0.005 min
Response: 512637
Conc: 4.01 ug/ml m



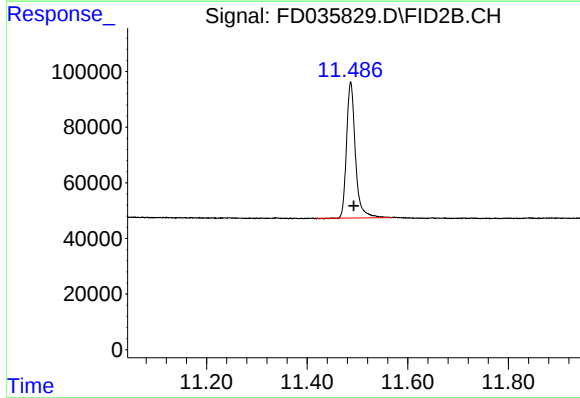
#9 Phenanthrene (C19.36)

R.T.: 10.737 min
Delta R.T.: 0.003 min
Response: 524831
Conc: 4.16 ug/ml m



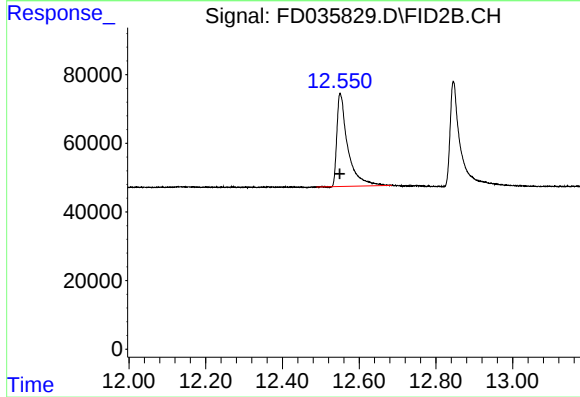
#10 Anthracene (C19.43)

R.T.: 10.816 min
Delta R.T.: 0.004 min
Response: 565402
Conc: 4.41 ug/ml m



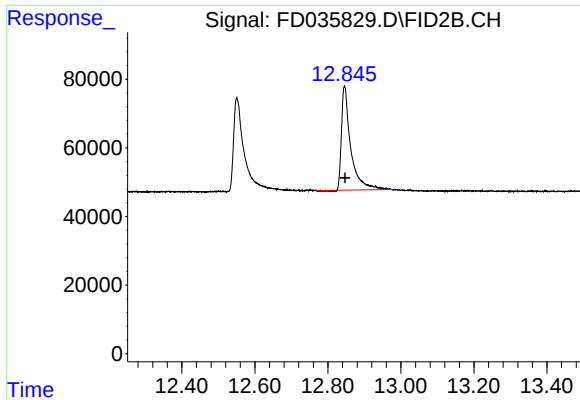
#11 ortho-Terphenyl (SURR)

R.T.: 11.487 min
Delta R.T.: -0.006 min
Response: 596507
Conc: 4.53 ug/ml



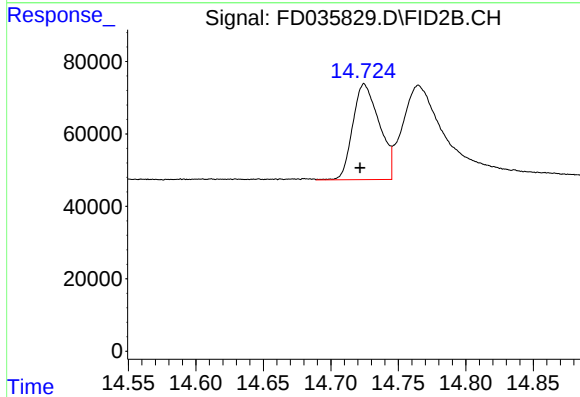
#12 Fluoranthene (C21.85)

R.T.: 12.551 min
Delta R.T.: 0.002 min
Response: 534800
Conc: 4.26 ug/ml



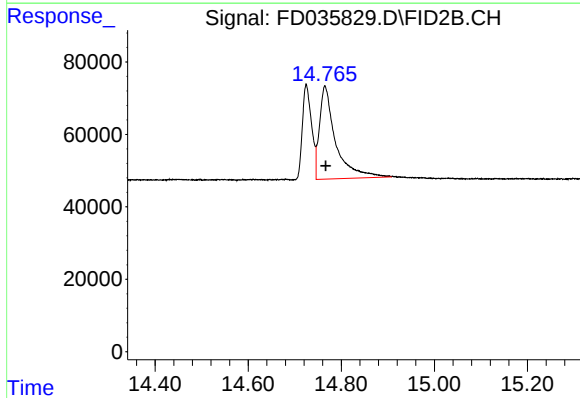
#13 Pyrene (C20.8)

R.T.: 12.846 min
Delta R.T.: -0.001 min
Response: 534739
Conc: 4.24 ug/ml



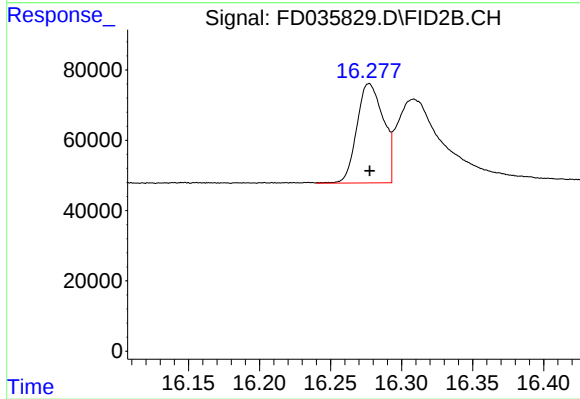
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.724 min
Delta R.T.: 0.002 min
Response: 364898
Conc: 3.49 ug/ml m



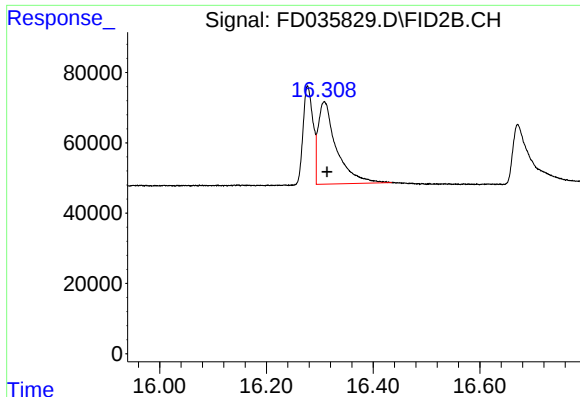
#15 Chrysene (C27.41)

R.T.: 14.765 min
Delta R.T.: -0.002 min
Response: 617478
Conc: 5.05 ug/ml m



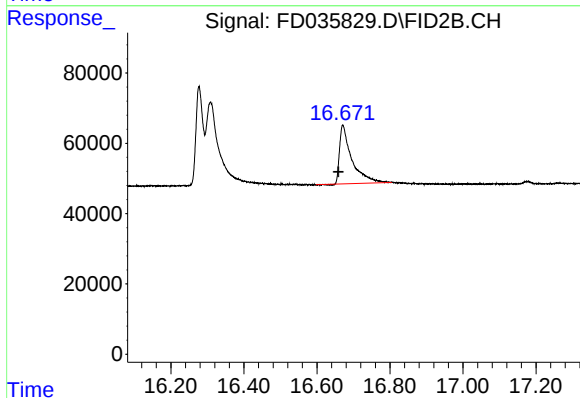
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.277 min
Delta R.T.: 0.000 min
Response: 367962
Conc: 3.66 ug/ml m



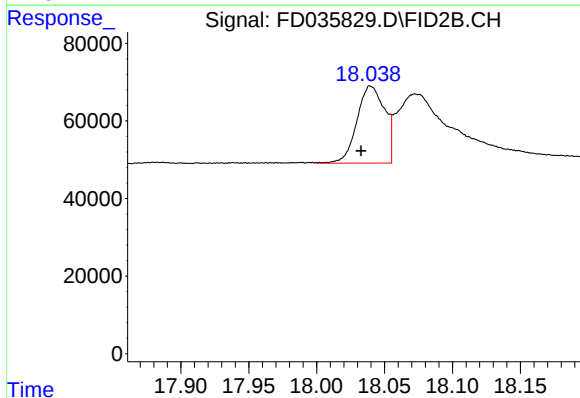
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.309 min
Delta R.T.: -0.005 min
Response: 558904
Conc: 5.06 ug/ml



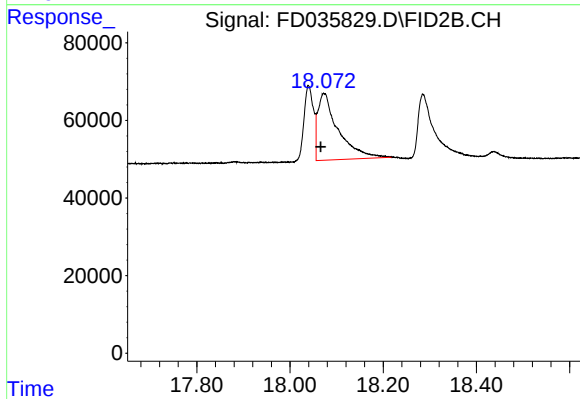
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min
Delta R.T.: 0.013 min
Response: 388281
Conc: 4.11 ug/ml



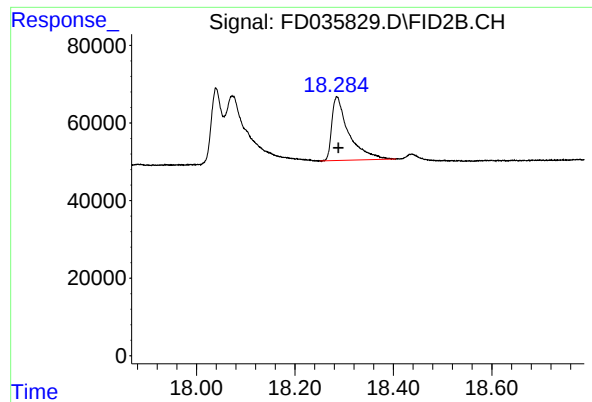
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.038 min
Delta R.T.: 0.006 min
Response: 285921
Conc: 3.28 ug/ml m



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

R.T.: 18.073 min
Delta R.T.: 0.008 min
Response: 522502
Conc: 4.89 ug/ml



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

R.T.: 18.286 min
Delta R.T.: -0.003 min
Response: 392524
Conc: 4.09 ug/ml