

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080321AR\
 Data File : FD038396.D
 Signal(s) : FID2B.CH
 Acq On : 03 Aug 2021 23:23
 Operator : AJ\MA
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 04 10:57:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:20 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...	7.481	12852450	101.414 ug/ml
Spiked Amount 50.000		Recovery =	202.83%
6) S 2-Fluorobiphenyl (SURR)	8.341	8878587	102.259 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	204.52%#
11) S ortho-Terphenyl (SURR)	11.380	14058310	98.003 ug/ml
Spiked Amount 50.000		Recovery =	196.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	14145993	100.869 ug/ml
2) T Naphthalene (C11.7)	5.819	14919099	102.446 ug/ml
3) T 2-Methylnaphthalene (...)	6.872	14674395	101.188 ug/ml
5) T Acenaphthylene (C15.06)	8.145	14294737	99.006 ug/ml
7) T Acenaphthene (C15.5)	8.442	14732581	98.423 ug/ml
8) T Fluorene (C16.55)	9.222	14254167	100.035 ug/ml
9) T Phenanthrene (C19.36)	10.617	13932476	98.706 ug/ml
10) T Anthracene (C19.43)	10.694	13375130	97.838 ug/ml
12) T Fluoranthene (C21.85)	12.429	13694020	97.492 ug/ml
13) T Pyrene (C20.8)	12.726	13581893	96.955 ug/ml
14) T Benzo[a]anthracene (C...	14.598	12544063	97.967 ug/ml
15) T Chrysene (C27.41)	14.646	12991417	94.064 ug/ml
16) T benzo[b]fluoranthene ...	16.154	12139173	97.075 ug/ml
17) T Bnezo[k]fluoranthene ...	16.192	11845650	89.853 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.535	11357698	95.033 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.906	11252882	102.132 ug/ml
20) T Dibenz[a,h]anthracene...	17.943	10592542	86.055 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.166	10811643	94.385 ug/ml

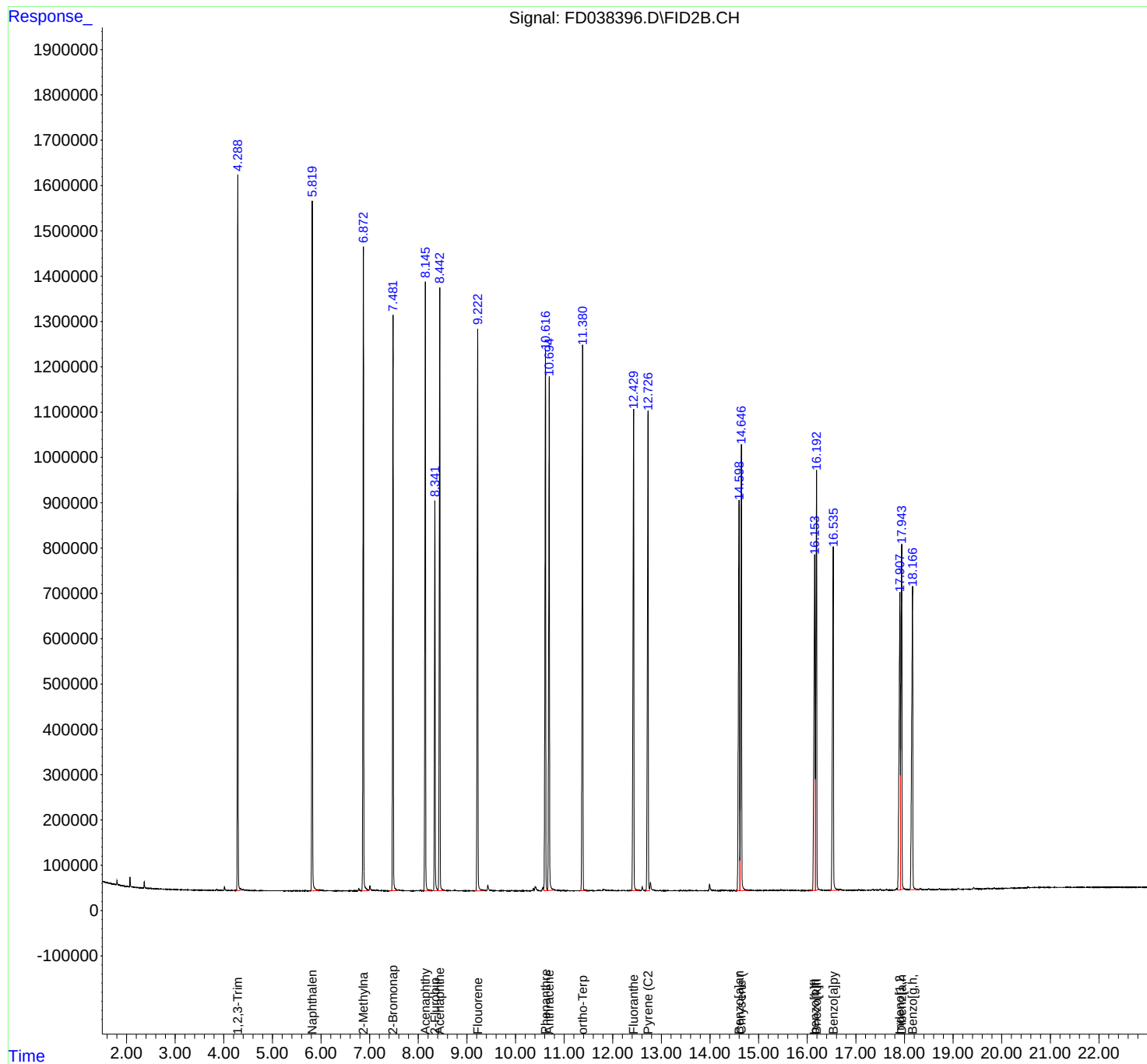
(f)=RT Delta > 1/2 Window

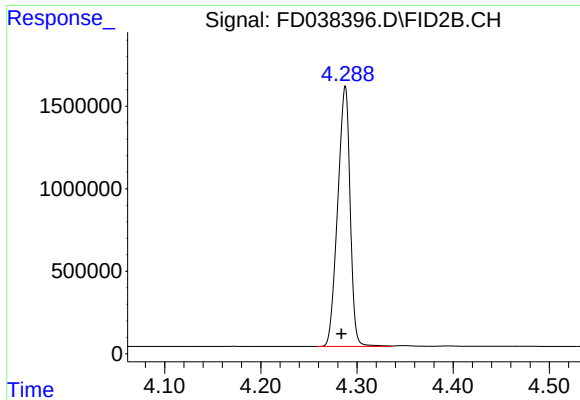
(m)=manual int.

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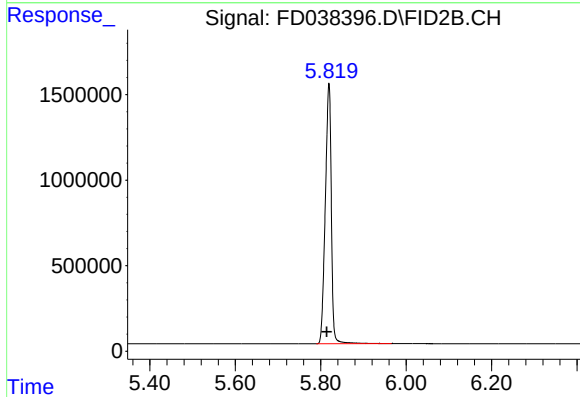
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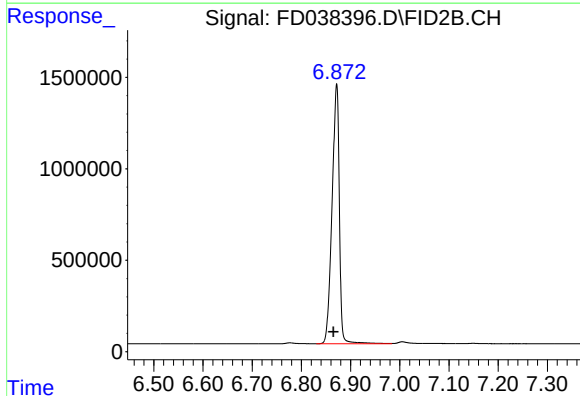
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.288 min
Delta R.T.: 0.004 min
Response: 14145993
Conc: 100.87 ug/ml



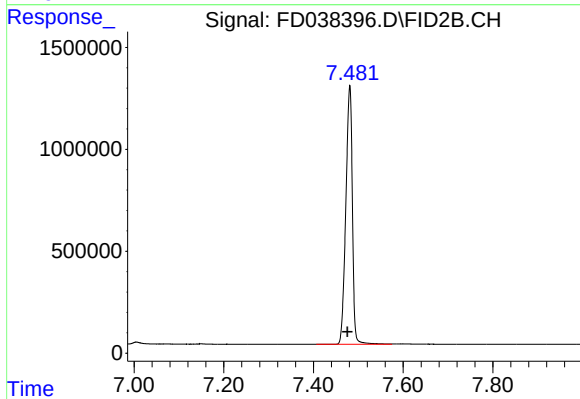
#2 Naphthalene (C11.7)

R.T.: 5.819 min
Delta R.T.: 0.005 min
Response: 14919099
Conc: 102.45 ug/ml



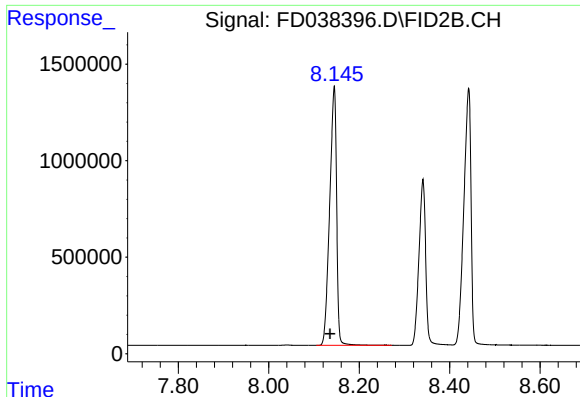
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.872 min
Delta R.T.: 0.007 min
Response: 14674395
Conc: 101.19 ug/ml



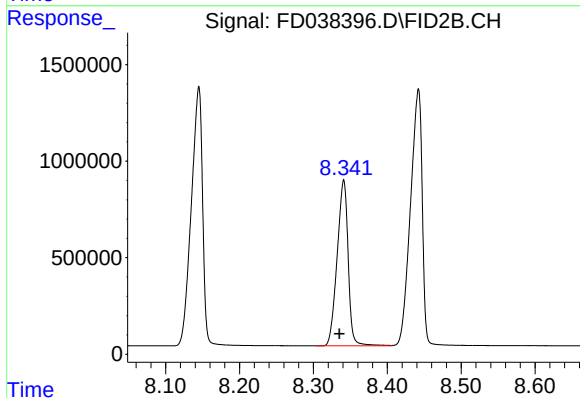
#4 2-Bromonaphthalene (SURR)

R.T.: 7.481 min
Delta R.T.: 0.006 min
Response: 12852450
Conc: 101.41 ug/ml



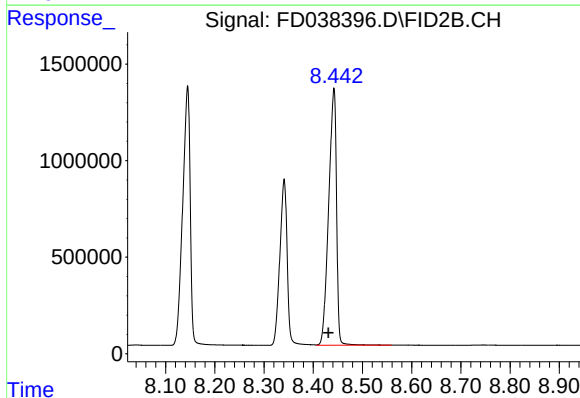
#5 Acenaphthylene (C15.06)

R.T.: 8.145 min
Delta R.T.: 0.009 min
Response: 14294737
Conc: 99.01 ug/ml



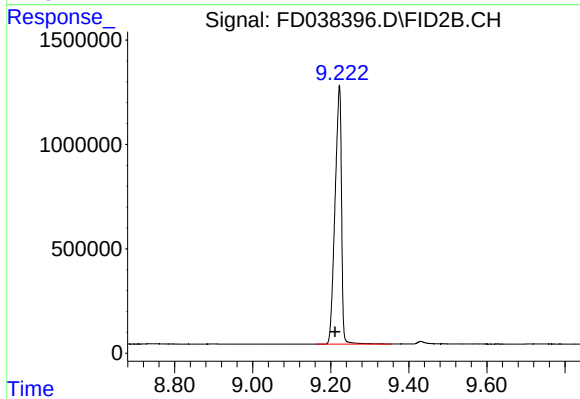
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.341 min
Delta R.T.: 0.006 min
Response: 8878587
Conc: 102.26 ug/ml



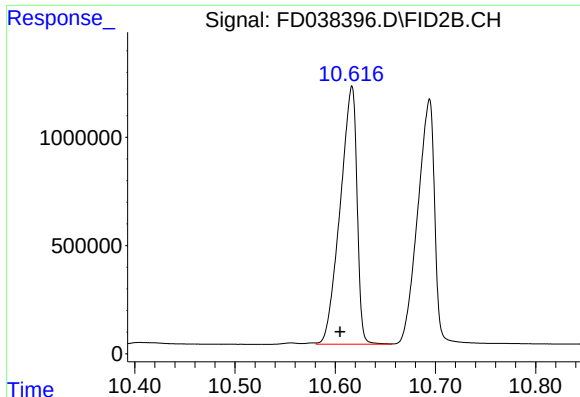
#7 Acenaphthene (C15.5)

R.T.: 8.442 min
Delta R.T.: 0.011 min
Response: 14732581
Conc: 98.42 ug/ml



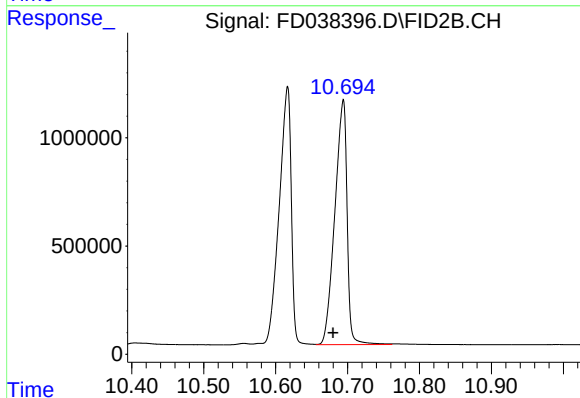
#8 Fluorene (C16.55)

R.T.: 9.222 min
Delta R.T.: 0.011 min
Response: 14254167
Conc: 100.03 ug/ml



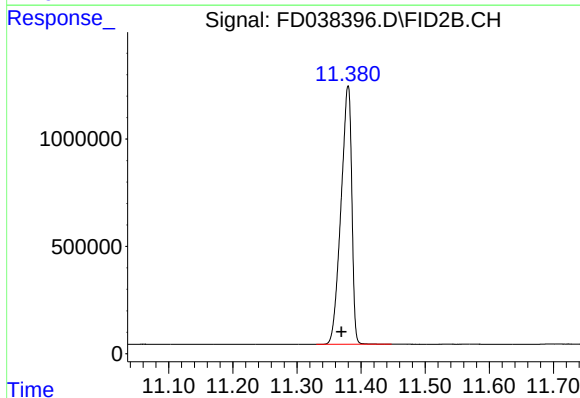
#9 Phenanthrene (C19.36)

R.T.: 10.617 min
Delta R.T.: 0.012 min
Response: 13932476
Conc: 98.71 ug/ml



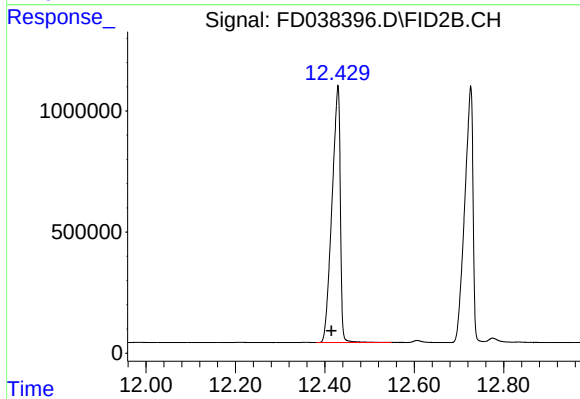
#10 Anthracene (C19.43)

R.T.: 10.694 min
Delta R.T.: 0.014 min
Response: 13375130
Conc: 97.84 ug/ml



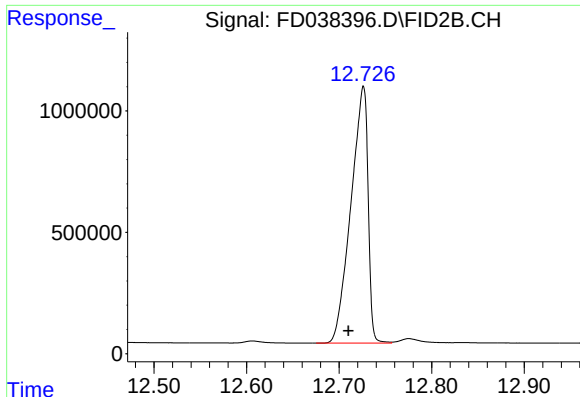
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: 0.011 min
Response: 14058310
Conc: 98.00 ug/ml



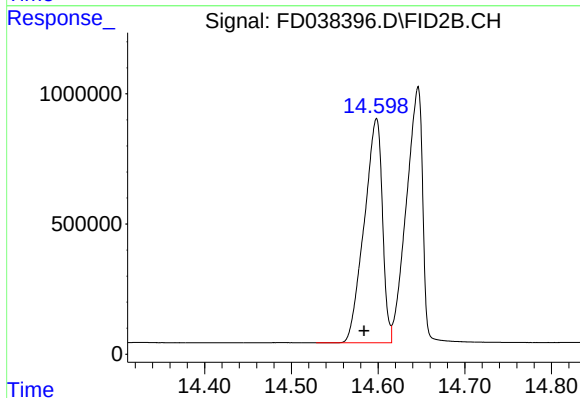
#12 Fluoranthene (C21.85)

R.T.: 12.429 min
Delta R.T.: 0.015 min
Response: 13694020
Conc: 97.49 ug/ml



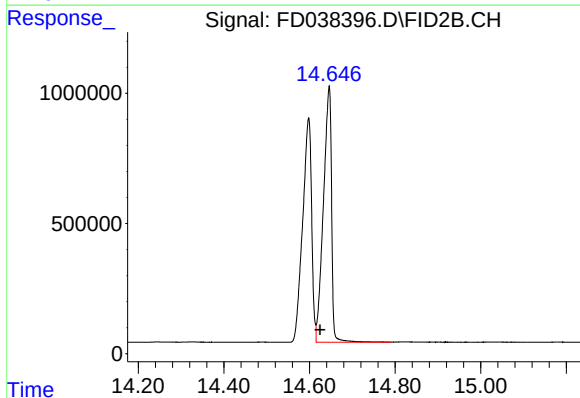
#13 Pyrene (C20.8)

R.T.: 12.726 min
Delta R.T.: 0.016 min
Response: 13581893
Conc: 96.96 ug/ml



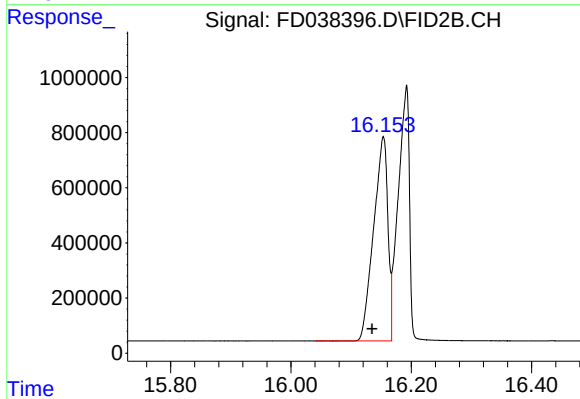
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.598 min
Delta R.T.: 0.014 min
Response: 12544063
Conc: 97.97 ug/ml



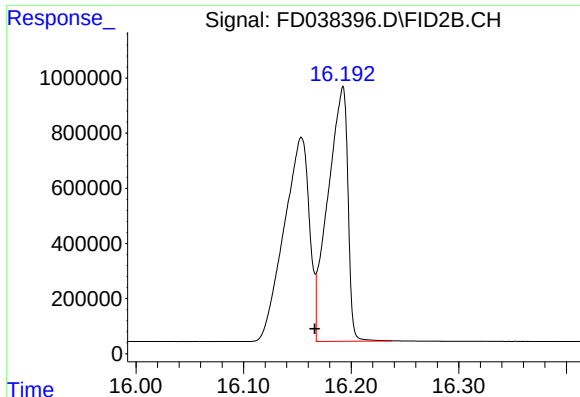
#15 Chrysene (C27.41)

R.T.: 14.646 min
Delta R.T.: 0.021 min
Response: 12991417
Conc: 94.06 ug/ml



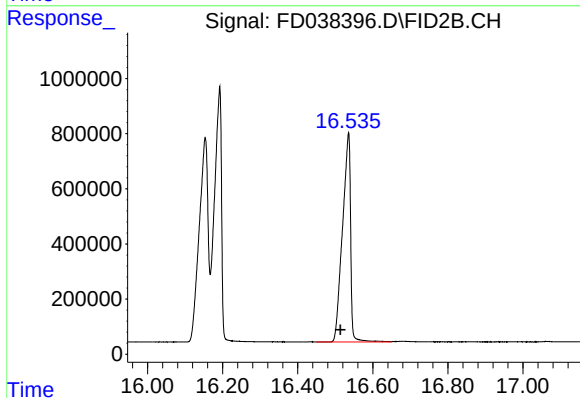
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.154 min
Delta R.T.: 0.019 min
Response: 12139173
Conc: 97.07 ug/ml



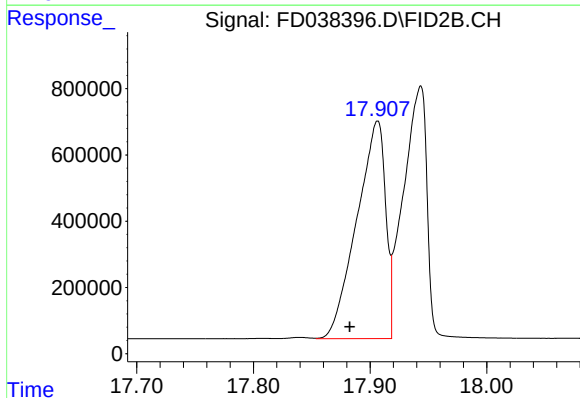
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.192 min
Delta R.T.: 0.026 min
Response: 11845650
Conc: 89.85 ug/ml m



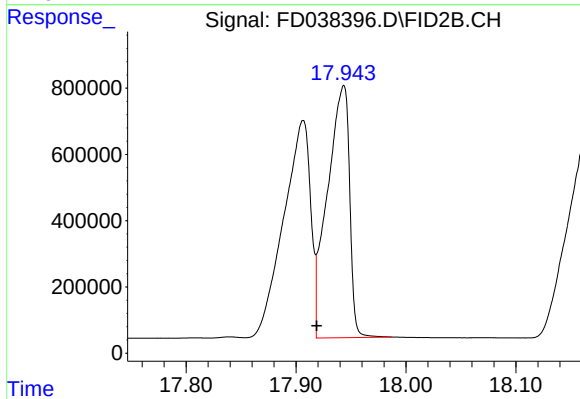
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.535 min
Delta R.T.: 0.022 min
Response: 11357698
Conc: 95.03 ug/ml



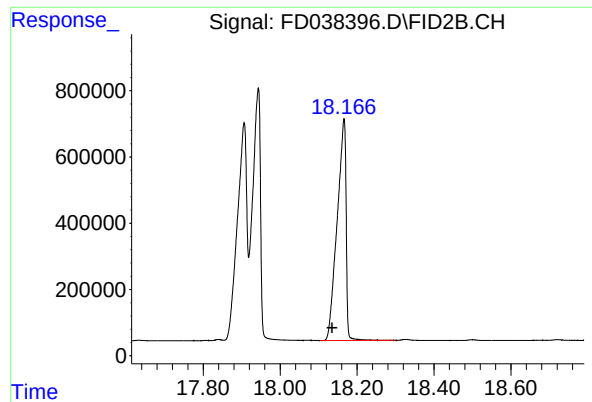
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.906 min
Delta R.T.: 0.024 min
Response: 11252882
Conc: 102.13 ug/ml



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

R.T.: 17.943 min
Delta R.T.: 0.024 min
Response: 10592542
Conc: 86.06 ug/ml m



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

R.T.: 18.166 min
Delta R.T.: 0.031 min
Response: 10811643
Conc: 94.38 ug/ml