

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092021AR\
 Data File : FD038827.D
 Signal(s) : FID2B.CH
 Acq On : 20 Sep 2021 20:44
 Operator : AJ\MA
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 04:22:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 04:21:35 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...	7.773	13833365	98.271 ug/ml
Spiked Amount 50.000		Recovery =	196.54%
6) S 2-Fluorobiphenyl (SURR)	8.644	9492409	98.044 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	196.09%#
11) S ortho-Terphenyl (SURR)	11.687	14593072	97.729 ug/ml
Spiked Amount 50.000		Recovery =	195.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.559	14597792	97.884 ug/ml
2) T Naphthalene (C11.7)	6.108	15492461	98.022 ug/ml
3) T 2-Methylnaphthalene (...)	7.165	15718602	98.139 ug/ml
5) T Acenaphthylene (C15.06)	8.447	14520661	97.897 ug/ml
7) T Acenaphthene (C15.5)	8.745	15314231	98.148 ug/ml
8) T Fluorene (C16.55)	9.527	15185302	97.943 ug/ml
9) T Phenanthrene (C19.36)	10.928	14934085	98.451 ug/ml
10) T Anthracene (C19.43)	11.006	14853729	97.685 ug/ml
12) T Fluoranthene (C21.85)	12.745	14478928	97.181 ug/ml
13) T Pyrene (C20.8)	13.045	14021062	97.222 ug/ml
14) T Benzo[a]anthracene (C...	14.914	12402331	97.471 ug/ml
15) T Chrysene (C27.41)	14.963	12914003	97.208 ug/ml
16) T benzo[b]fluoranthene ...	16.466	11381839	98.727 ug/ml
17) T Bnezo[k]fluoranthene ...	16.506	11184156	97.807 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.850	10808998	98.814 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.214	10273691	102.170 ug/ml
20) T Dibenz[a,h]anthracene...	18.253	9350852	92.131 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.476	9947096	98.261 ug/ml

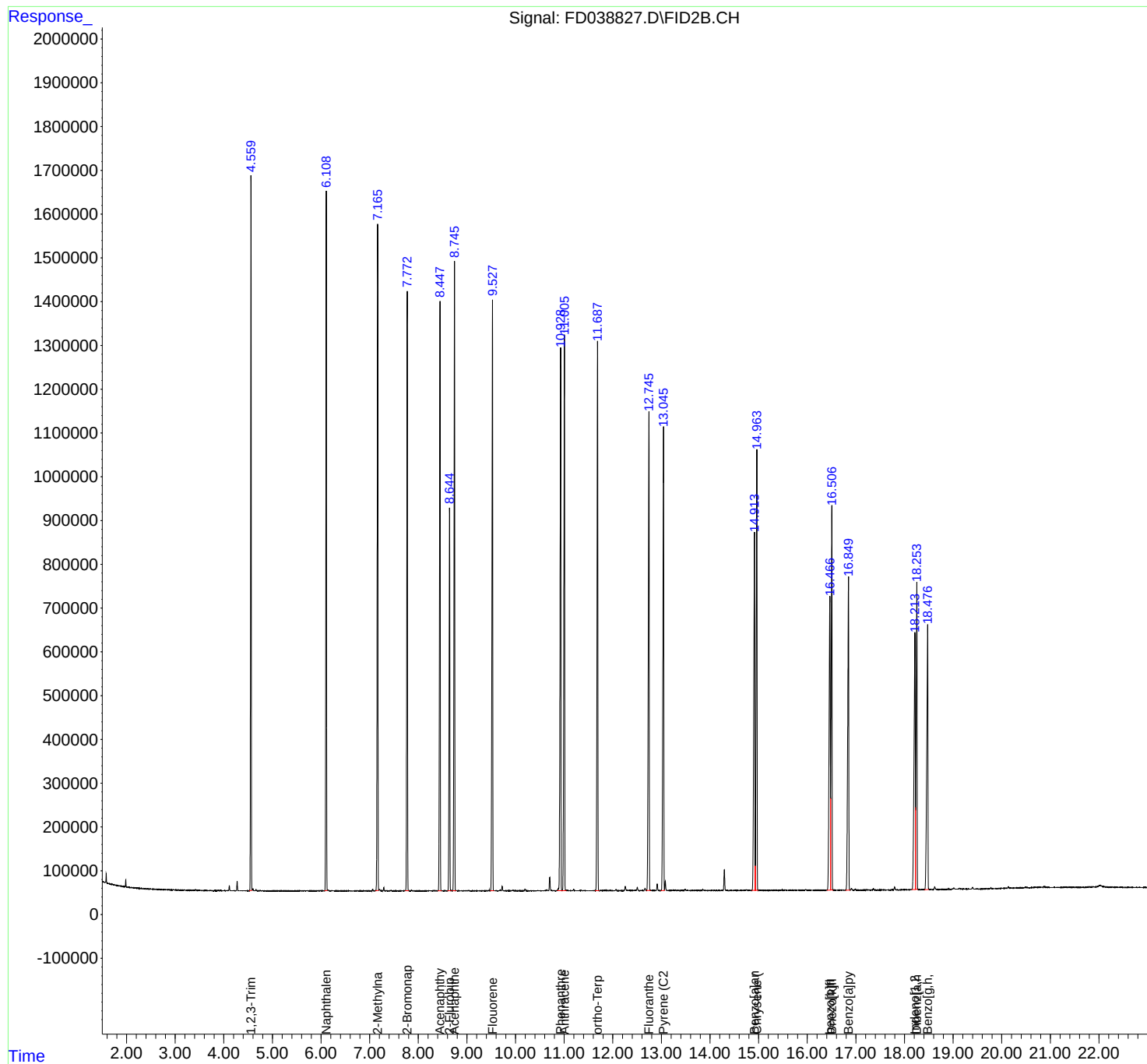
(f)=RT Delta > 1/2 Window

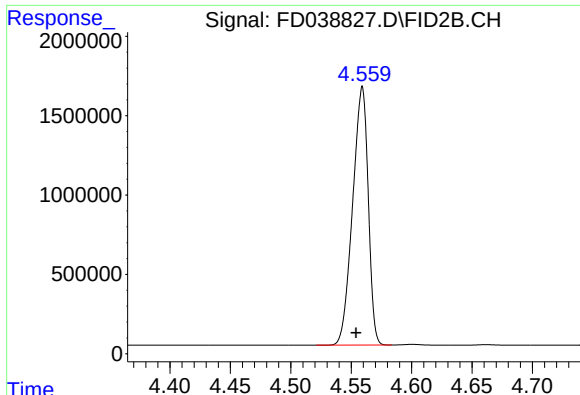
(m)=manual int.

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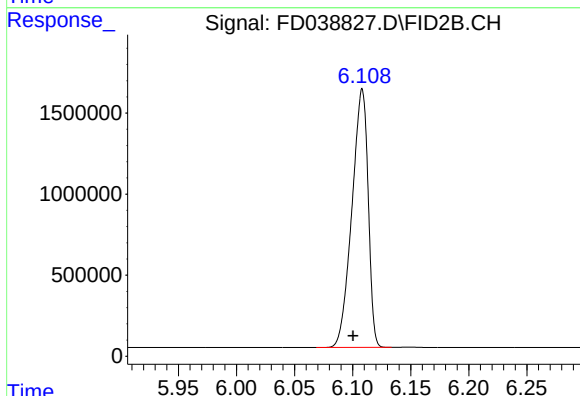
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





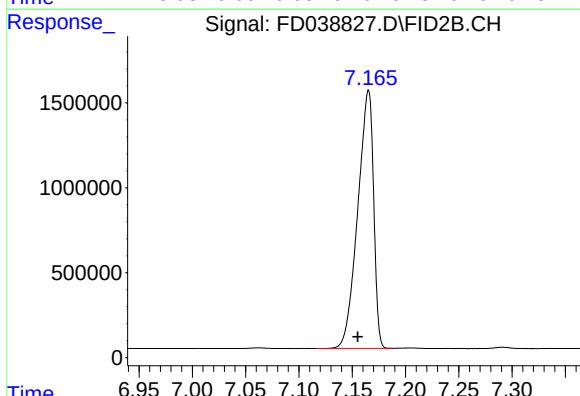
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.559 min
Delta R.T.: 0.005 min
Response: 14597792
Conc: 97.88 ug/ml



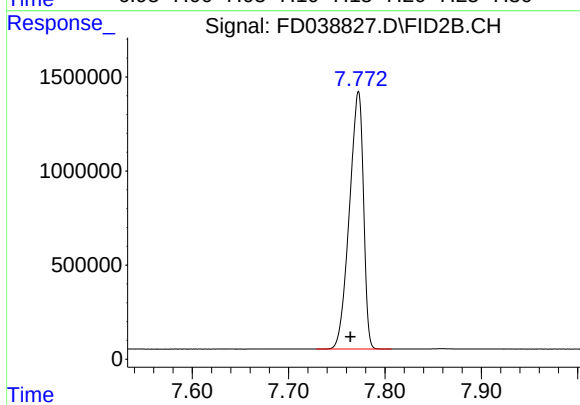
#2 Naphthalene (C11.7)

R.T.: 6.108 min
Delta R.T.: 0.008 min
Response: 15492461
Conc: 98.02 ug/ml



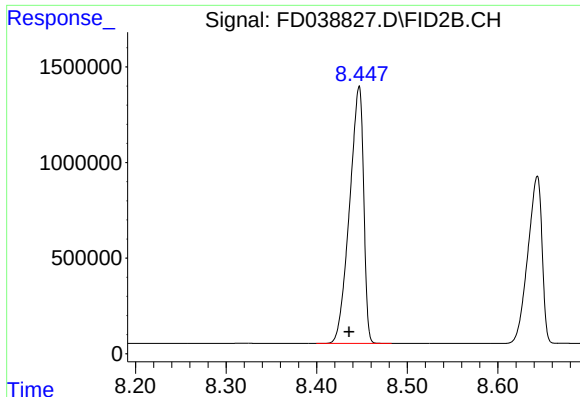
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.165 min
Delta R.T.: 0.010 min
Response: 15718602
Conc: 98.14 ug/ml



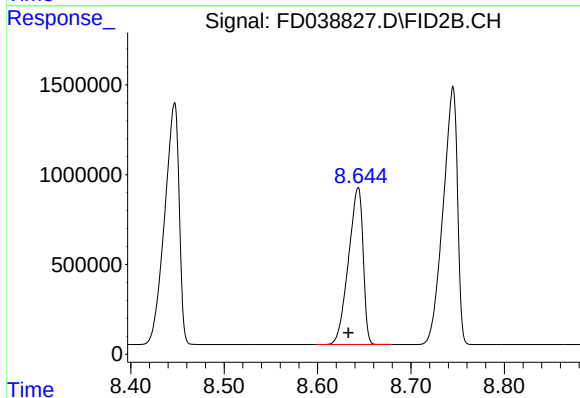
#4 2-Bromonaphthalene (SURR)

R.T.: 7.773 min
Delta R.T.: 0.008 min
Response: 13833365
Conc: 98.27 ug/ml



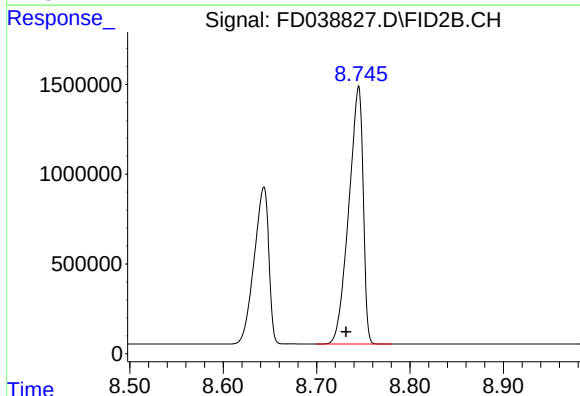
#5 Acenaphthylene (C15.06)

R.T.: 8.447 min
Delta R.T.: 0.011 min
Response: 14520661
Conc: 97.90 ug/ml



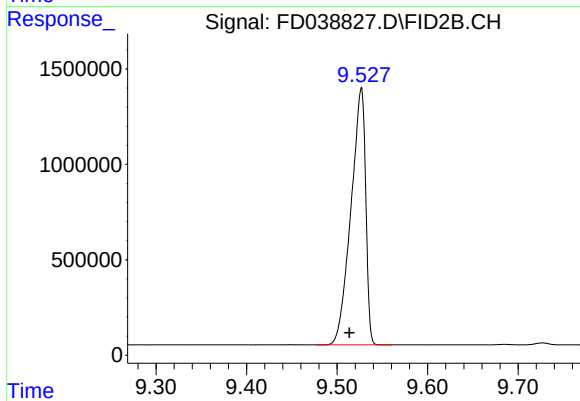
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.644 min
Delta R.T.: 0.011 min
Response: 9492409
Conc: 98.04 ug/ml



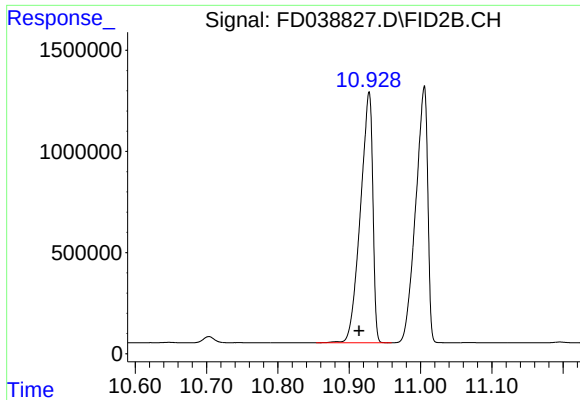
#7 Acenaphthene (C15.5)

R.T.: 8.745 min
Delta R.T.: 0.014 min
Response: 15314231
Conc: 98.15 ug/ml



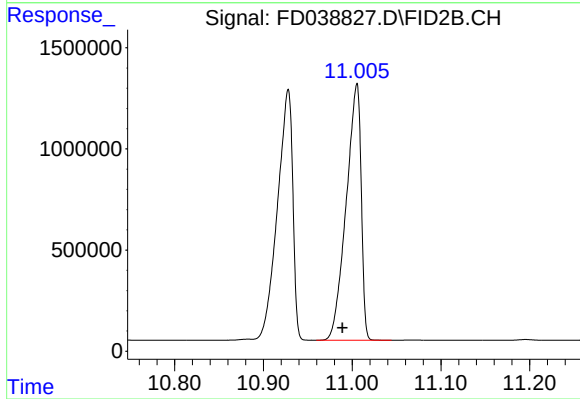
#8 Flouorene (C16.55)

R.T.: 9.527 min
Delta R.T.: 0.013 min
Response: 15185302
Conc: 97.94 ug/ml



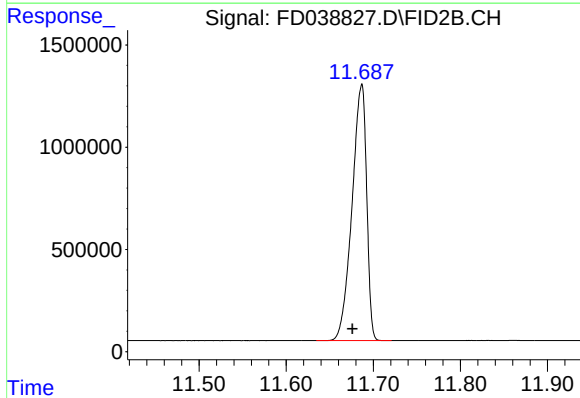
#9 Phenanthrene (C19.36)

R.T.: 10.928 min
Delta R.T.: 0.014 min
Response: 14934085
Conc: 98.45 ug/ml



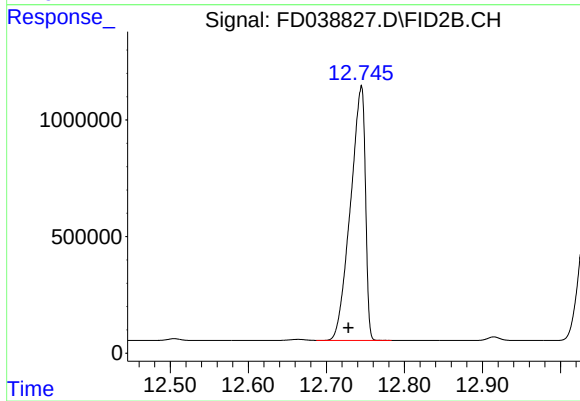
#10 Anthracene (C19.43)

R.T.: 11.006 min
Delta R.T.: 0.017 min
Response: 14853729
Conc: 97.69 ug/ml



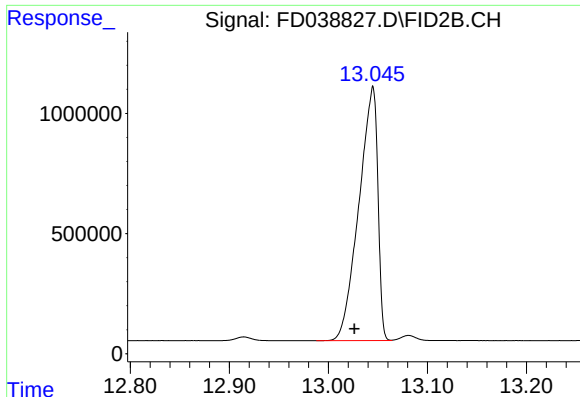
#11 ortho-Terphenyl (SURR)

R.T.: 11.687 min
Delta R.T.: 0.011 min
Response: 14593072
Conc: 97.73 ug/ml



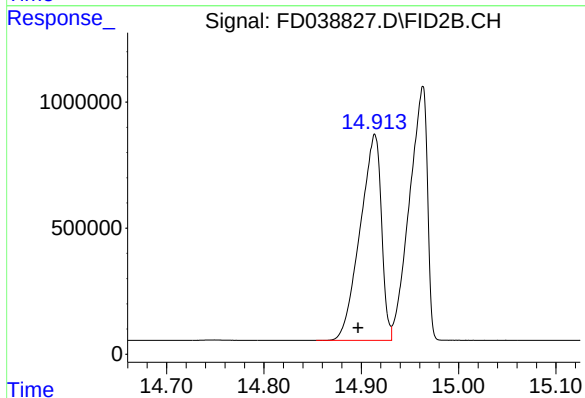
#12 Fluoranthene (C21.85)

R.T.: 12.745 min
Delta R.T.: 0.017 min
Response: 14478928
Conc: 97.18 ug/ml



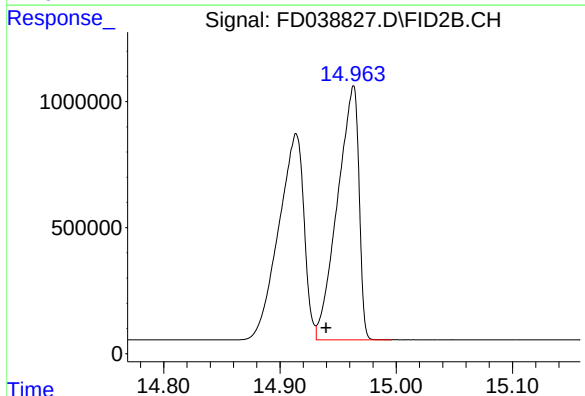
#13 Pyrene (C20.8)

R.T.: 13.045 min
Delta R.T.: 0.019 min
Response: 14021062
Conc: 97.22 ug/ml



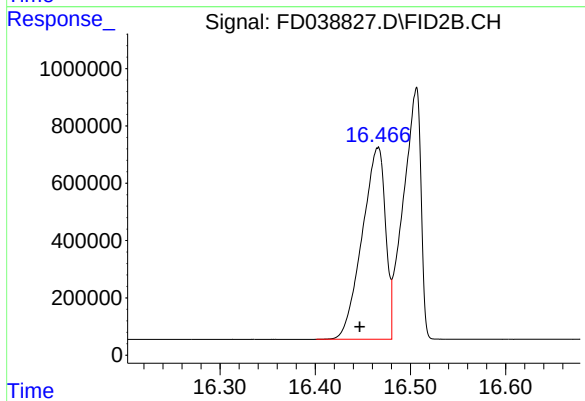
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.914 min
Delta R.T.: 0.017 min
Response: 12402331
Conc: 97.47 ug/ml



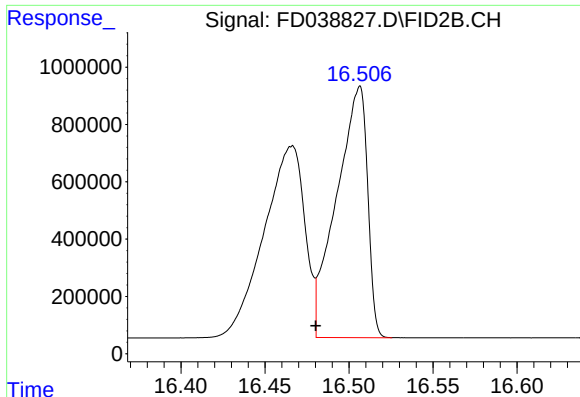
#15 Chrysene (C27.41)

R.T.: 14.963 min
Delta R.T.: 0.024 min
Response: 12914003
Conc: 97.21 ug/ml



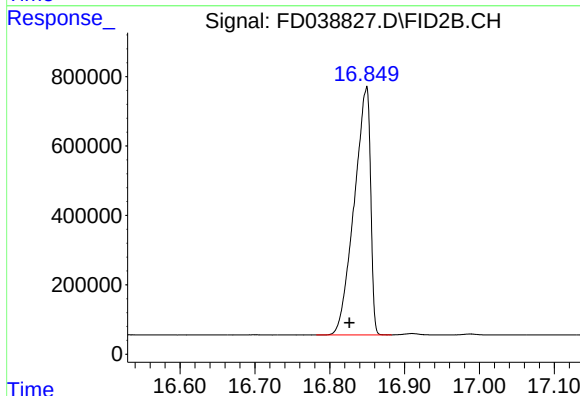
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.466 min
Delta R.T.: 0.020 min
Response: 11381839
Conc: 98.73 ug/ml



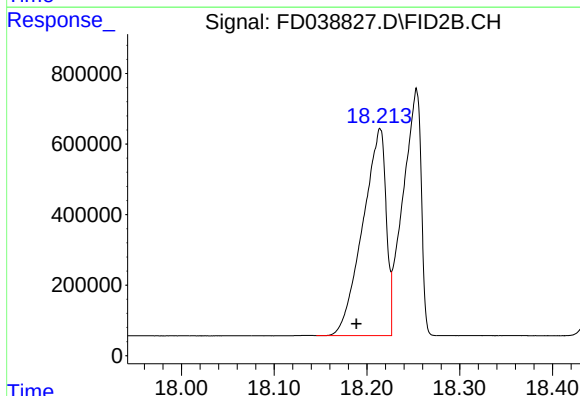
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.506 min
Delta R.T.: 0.026 min
Response: 11184156
Conc: 97.81 ug/ml m



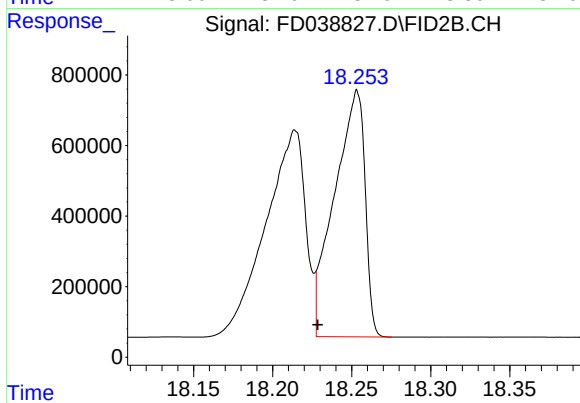
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.850 min
Delta R.T.: 0.023 min
Response: 10808998
Conc: 98.81 ug/ml



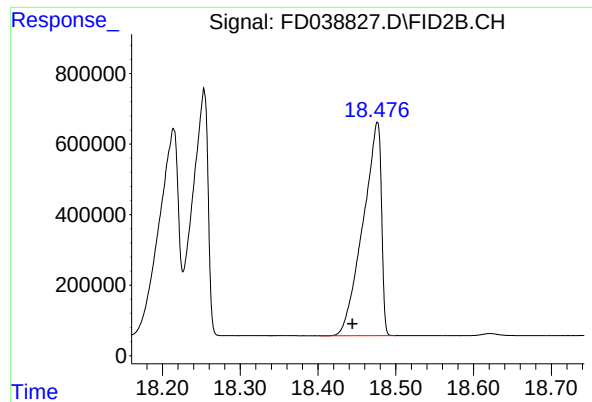
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.214 min
Delta R.T.: 0.025 min
Response: 10273691
Conc: 102.17 ug/ml



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

R.T.: 18.253 min
Delta R.T.: 0.024 min
Response: 9350852
Conc: 92.13 ug/ml m



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

R.T.: 18.476 min
Delta R.T.: 0.032 min
Response: 9947096
Conc: 98.26 ug/ml