

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112720AR\
 Data File : FD035696.D
 Signal(s) : FID2B.CH
 Acq On : 27 Nov 2020 19:01
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 28 00:07:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 28 00:05:48 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...	7.624	13526604	104.249 ug/ml
Spiked Amount 50.000		Recovery =	208.50%
6) S 2-Fluorobiphenyl (SURR)	8.494	9446250	105.587 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	211.17%#
11) S ortho-Terphenyl (SURR)	11.530	15094885	100.964 ug/ml
Spiked Amount 50.000		Recovery =	201.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.421	14881407	100.870 ug/ml
2) T Naphthalene (C11.7)	5.963	15939652	103.883 ug/ml
3) T 2-Methylnaphthalene (...)	7.018	15934798	103.713 ug/ml
5) T Acenaphthylene (C15.06)	8.296	15152585	102.117 ug/ml
7) T Acenaphthene (C15.5)	8.593	15645355	101.491 ug/ml
8) T Fluorene (C16.55)	9.375	15164438	103.795 ug/ml
9) T Phenanthrene (C19.36)	10.775	14878796	102.910 ug/ml
10) T Anthracene (C19.43)	10.853	14748512	101.132 ug/ml
12) T Fluoranthene (C21.85)	12.592	14333223	101.190 ug/ml
13) T Pyrene (C20.8)	12.891	13973641	103.286 ug/ml
14) T Benzo[a]anthracene (C...	14.764	12267454	102.725 ug/ml
15) T Chrysene (C27.41)	14.811	12594558	97.677 ug/ml
16) T benzo[b]fluoranthene ...	16.320	11302687	102.200 ug/ml
17) T Bnezo[k]fluoranthene ...	16.359	10893579	96.427 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.703	10107937	99.907 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.076	11059635	114.978 ug/ml
20) T Dibenz[a,h]anthracene...	18.111	9281036	87.254 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.336	10363402	103.202 ug/ml

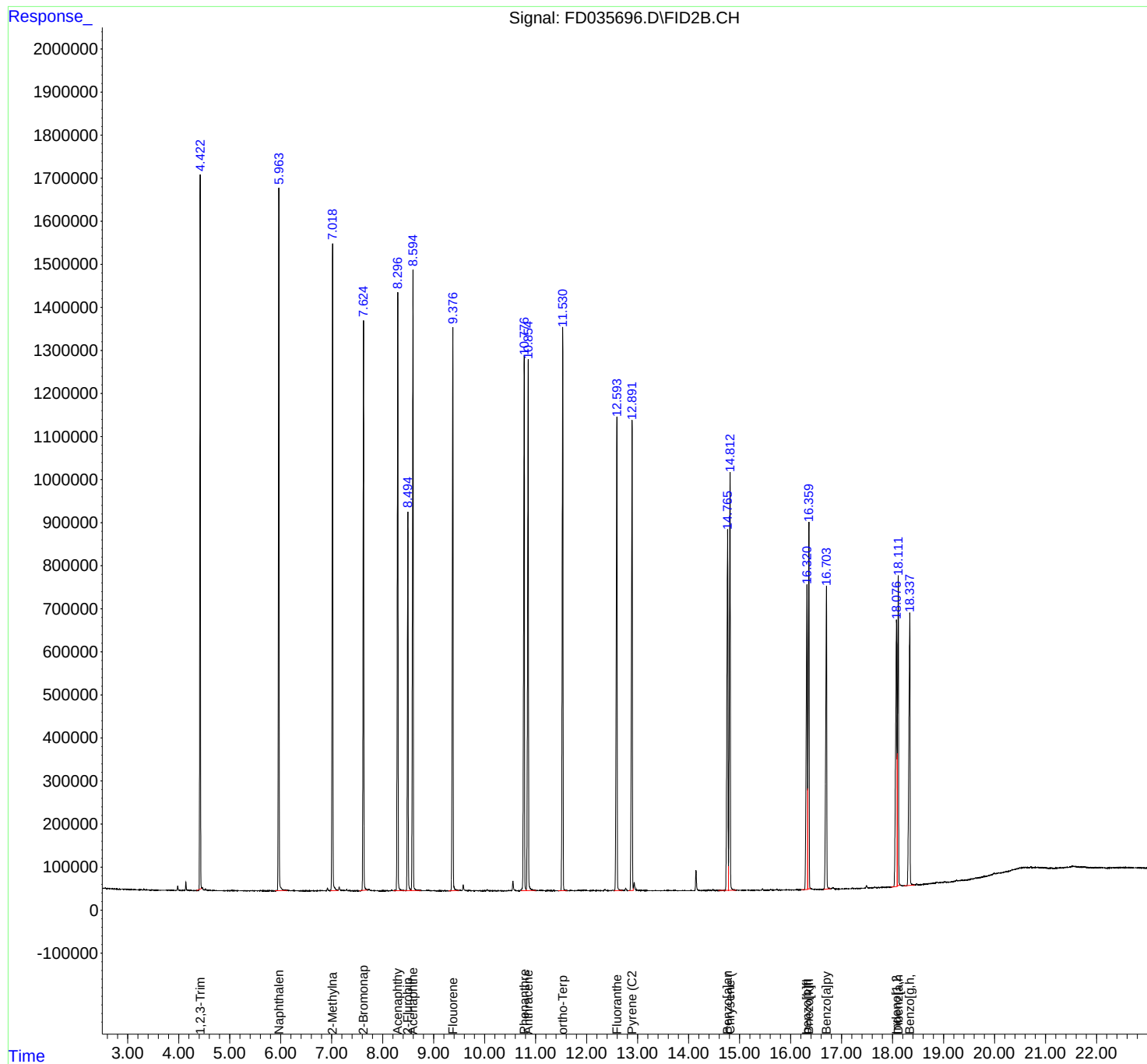
(f)=RT Delta > 1/2 Window

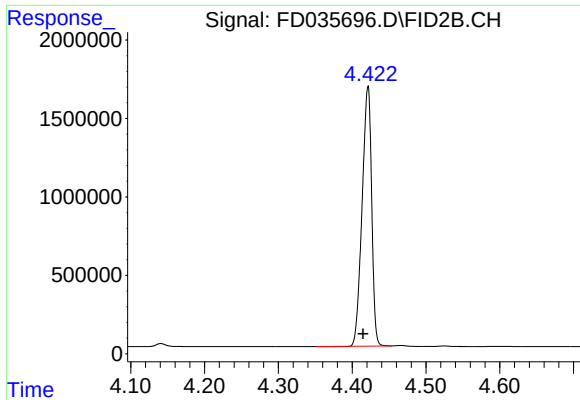
(m)=manual int.

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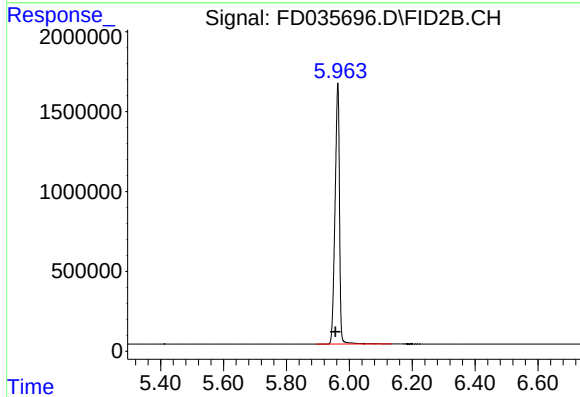
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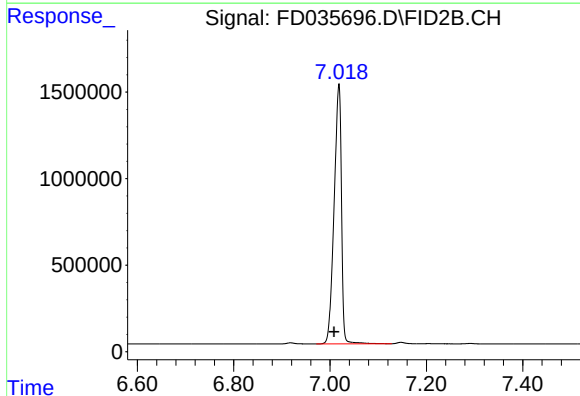
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.421 min
Delta R.T.: 0.006 min
Response: 14881407
Conc: 100.87 ug/ml



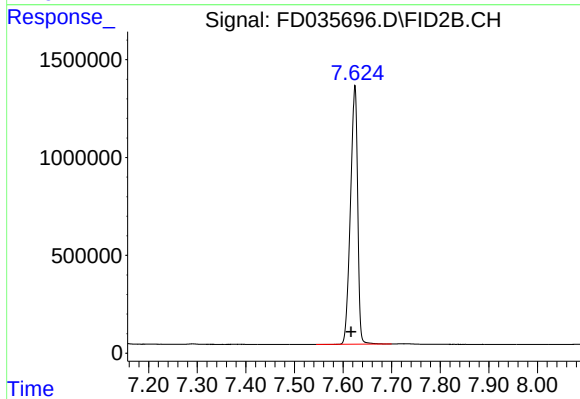
#2 Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.007 min
Response: 15939652
Conc: 103.88 ug/ml



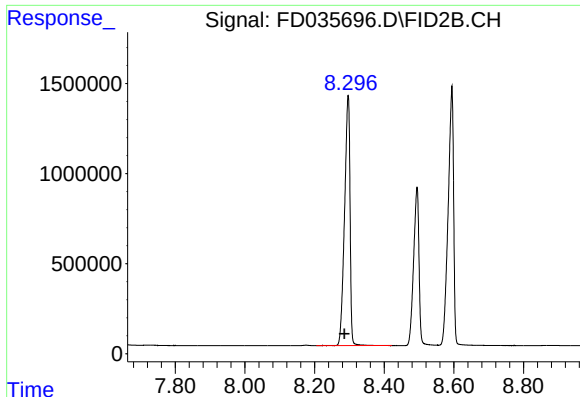
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: 0.009 min
Response: 15934798
Conc: 103.71 ug/ml



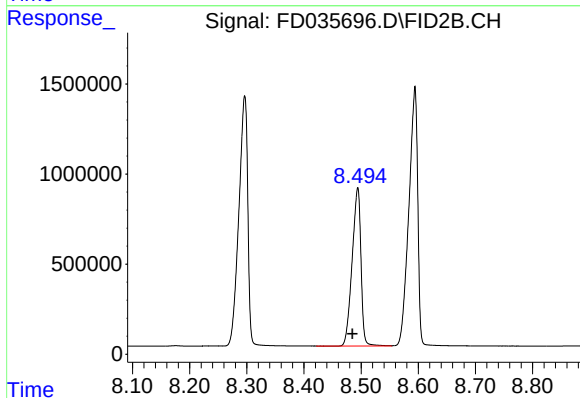
#4 2-Bromonaphthalene (SURR)

R.T.: 7.624 min
Delta R.T.: 0.008 min
Response: 13526604
Conc: 104.25 ug/ml



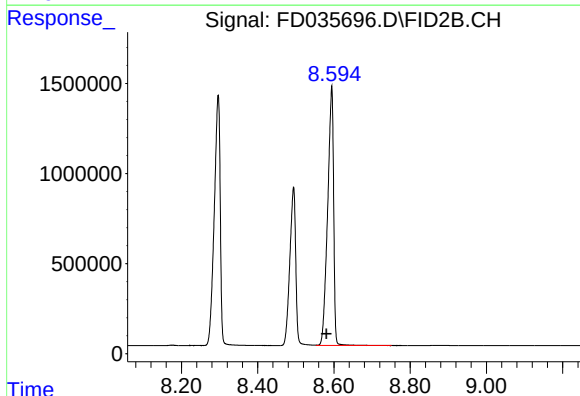
#5 Acenaphthylene (C15.06)

R.T.: 8.296 min
Delta R.T.: 0.011 min
Response: 15152585
Conc: 102.12 ug/ml



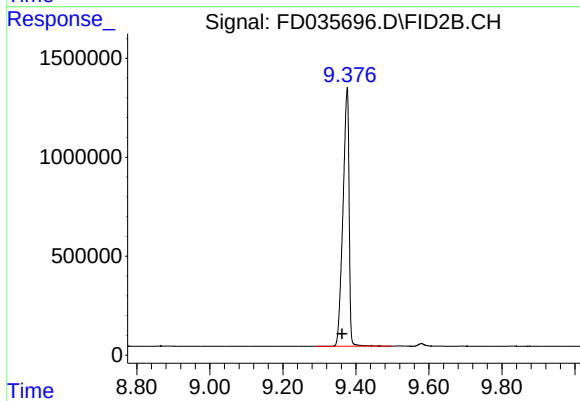
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min
Delta R.T.: 0.009 min
Response: 9446250
Conc: 105.59 ug/ml



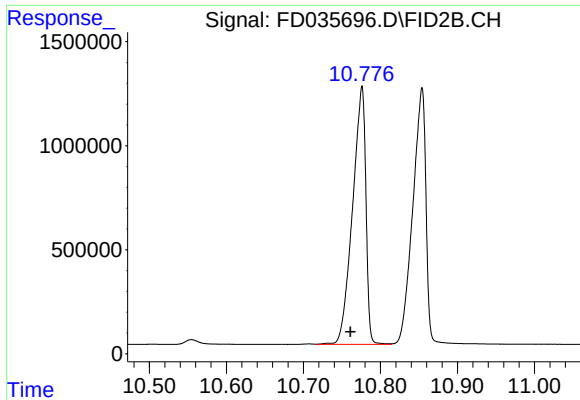
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: 0.013 min
Response: 15645355
Conc: 101.49 ug/ml



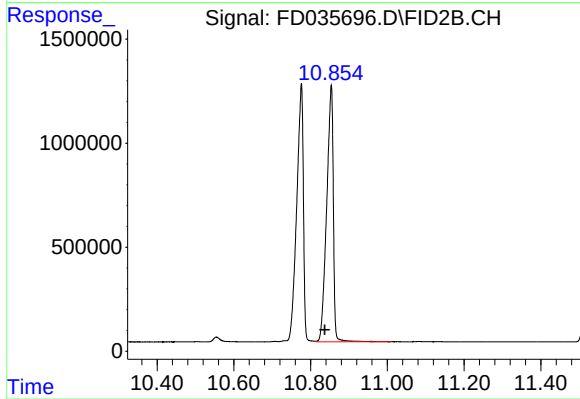
#8 Fluorene (C16.55)

R.T.: 9.375 min
Delta R.T.: 0.013 min
Response: 15164438
Conc: 103.80 ug/ml



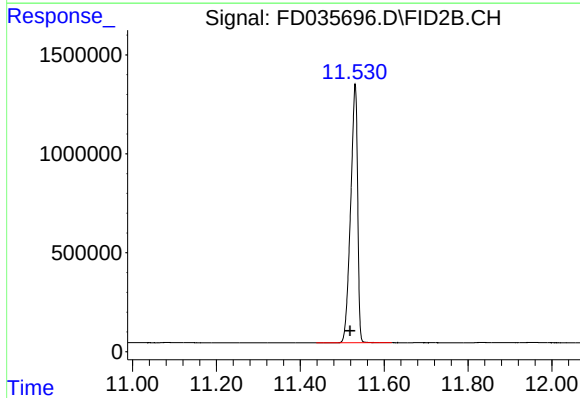
#9 Phenanthrene (C19.36)

R.T.: 10.775 min
Delta R.T.: 0.014 min
Response: 14878796
Conc: 102.91 ug/ml



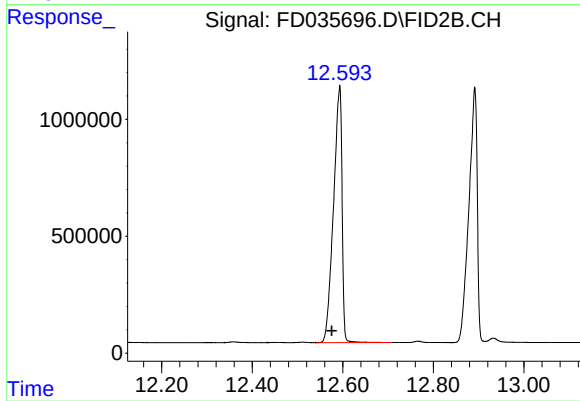
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: 0.017 min
Response: 14748512
Conc: 101.13 ug/ml



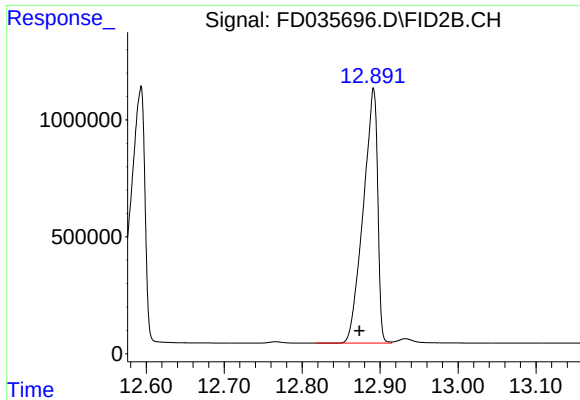
#11 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: 0.011 min
Response: 15094885
Conc: 100.96 ug/ml



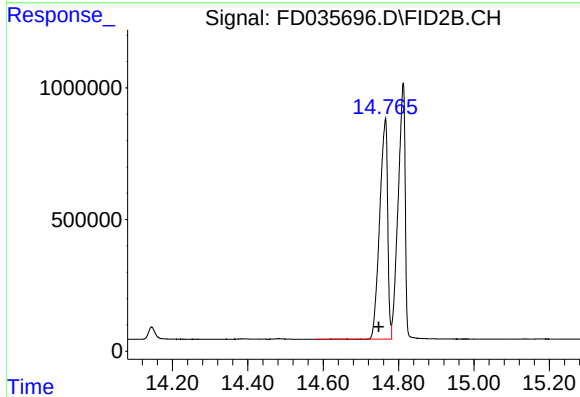
#12 Fluoranthene (C21.85)

R.T.: 12.592 min
Delta R.T.: 0.016 min
Response: 14333223
Conc: 101.19 ug/ml



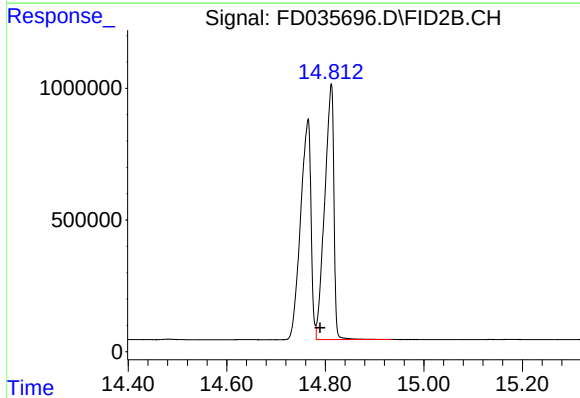
#13 Pyrene (C20.8)

R.T.: 12.891 min
Delta R.T.: 0.017 min
Response: 13973641
Conc: 103.29 ug/ml



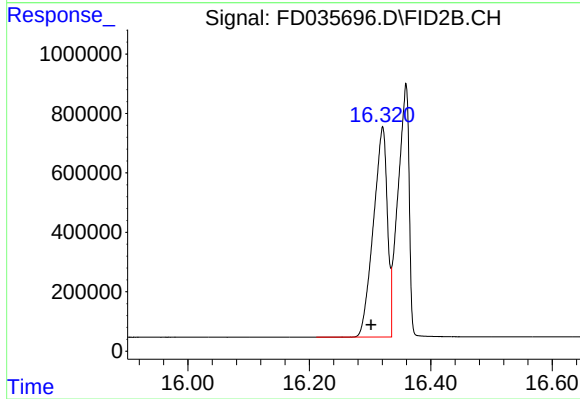
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.764 min
Delta R.T.: 0.016 min
Response: 12267454
Conc: 102.73 ug/ml



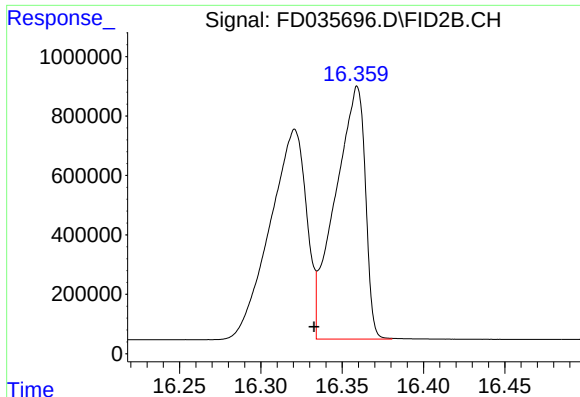
#15 Chrysene (C27.41)

R.T.: 14.811 min
Delta R.T.: 0.022 min
Response: 12594558
Conc: 97.68 ug/ml



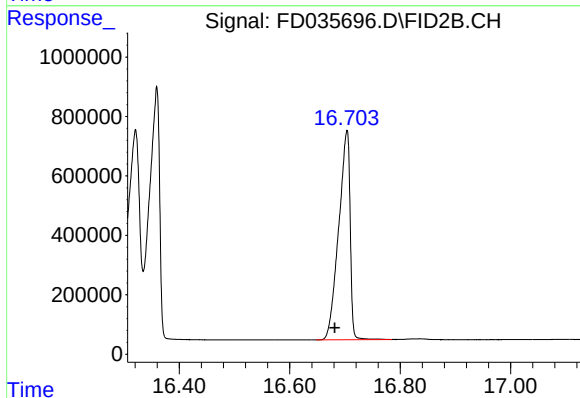
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.320 min
Delta R.T.: 0.019 min
Response: 11302687
Conc: 102.20 ug/ml



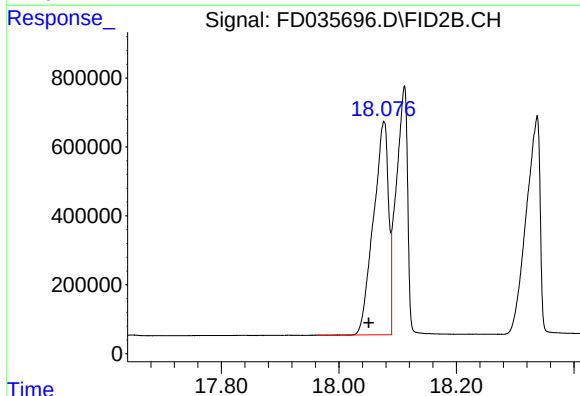
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.359 min
Delta R.T.: 0.026 min
Response: 10893579
Conc: 96.43 ug/ml m



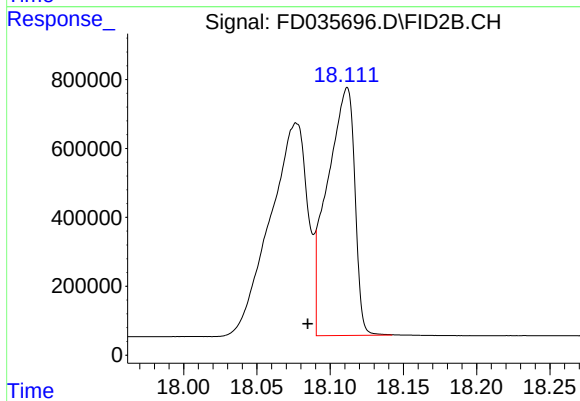
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.703 min
Delta R.T.: 0.021 min
Response: 10107937
Conc: 99.91 ug/ml



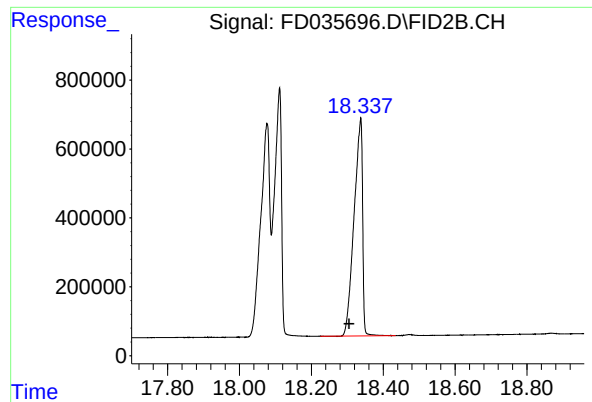
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.076 min
Delta R.T.: 0.025 min
Response: 11059635
Conc: 114.98 ug/ml



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

R.T.: 18.111 min
Delta R.T.: 0.027 min
Response: 9281036
Conc: 87.25 ug/ml m



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

R.T.: 18.336 min
Delta R.T.: 0.031 min
Response: 10363402
Conc: 103.20 ug/ml