

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011923AR\
 Data File : FD044838.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jan 2023 10:19
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 12:18:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 12:13:39 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.671	16201272	92.707 ug/ml
Spiked Amount 50.000		Recovery =	185.41%
6) S 2-Fluorobiphenyl (SURR)	8.530	11109658	92.433 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	184.87%#
11) S ortho-Terphenyl (SURR)	11.559	20928689	91.569 ug/ml
Spiked Amount 50.000		Recovery =	183.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	17312890	92.896 ug/ml
2) T Naphthalene (C11.7)	6.019	18438179	93.075 ug/ml
3) T 2-Methylnaphthalene (...)	7.066	18731761	92.958 ug/ml
5) T Acenaphthylene (C15.06)	8.335	17351877	91.721 ug/ml
7) T Acenaphthene (C15.5)	8.631	18368954	92.669 ug/ml
8) T Fluorene (C16.55)	9.407	18305054	92.307 ug/ml
9) T Phenanthrene (C19.36)	10.796	18358054	92.150 ug/ml
10) T Anthracene (C19.43)	10.871	17544519	92.193 ug/ml
12) T Fluoranthene (C21.85)	12.598	18236923	91.298 ug/ml
13) T Pyrene (C20.8)	12.894	17838050	91.131 ug/ml
14) T Benzo[a]anthracene (C...	14.754	16369468	91.574 ug/ml
15) T Chrysene (C27.41)	14.801	16977499	91.294 ug/ml
16) T benzo[b]fluoranthene ...	16.296	16552404	92.797 ug/ml
17) T Bnezo[k]fluoranthene ...	16.337	16211887	92.369 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.676	15818511	91.372 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	15615844	94.086 ug/ml
20) T Dibenz[a,h]anthracene...	18.075	14439752	87.874 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.292	15034613	91.329 ug/ml

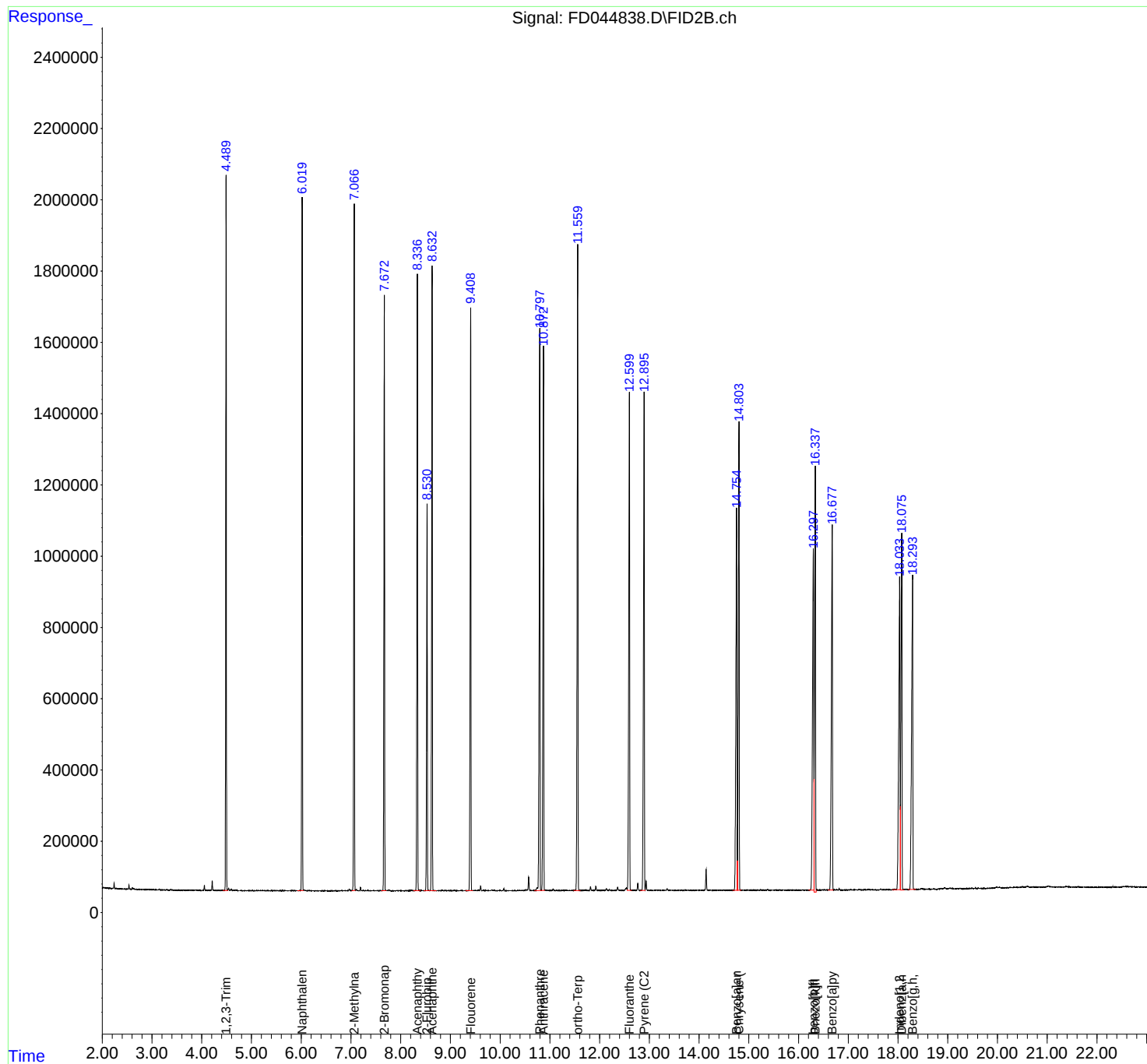
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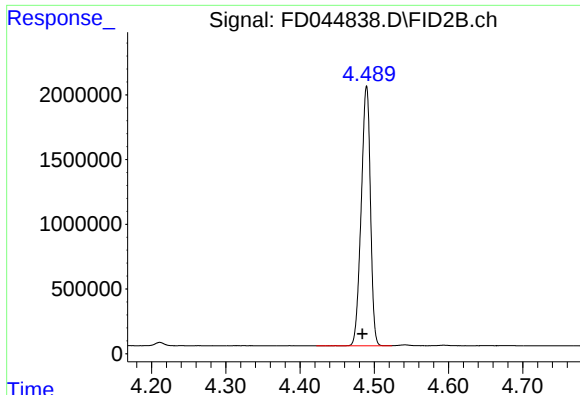
(m)=manual int.

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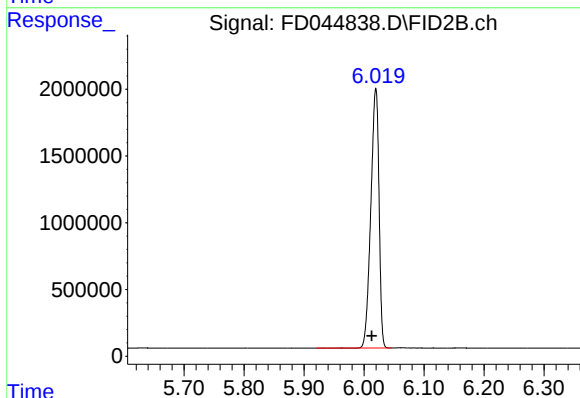
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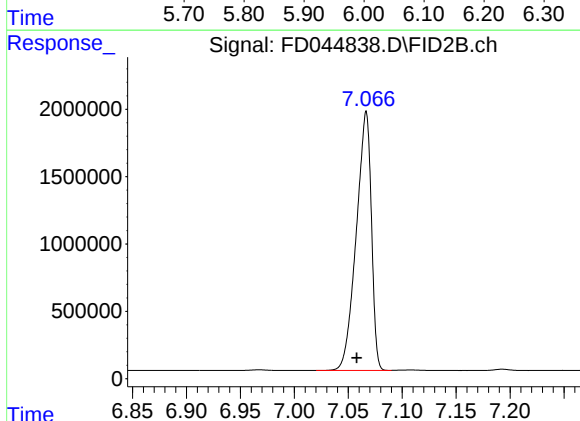
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.489 min
Delta R.T.: 0.005 min
Response: 17312890
Conc: 92.90 ug/ml



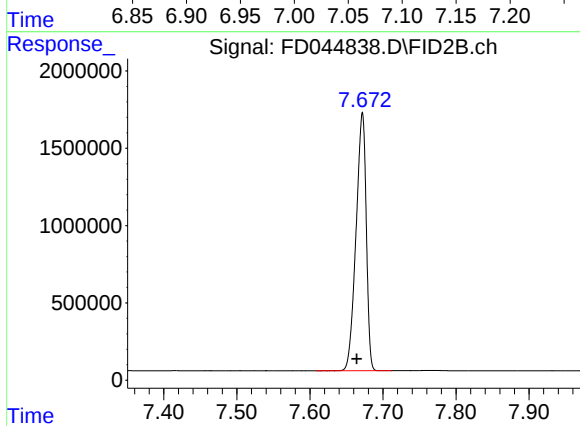
#2 Naphthalene (C11.7)

R.T.: 6.019 min
Delta R.T.: 0.006 min
Response: 18438179
Conc: 93.07 ug/ml



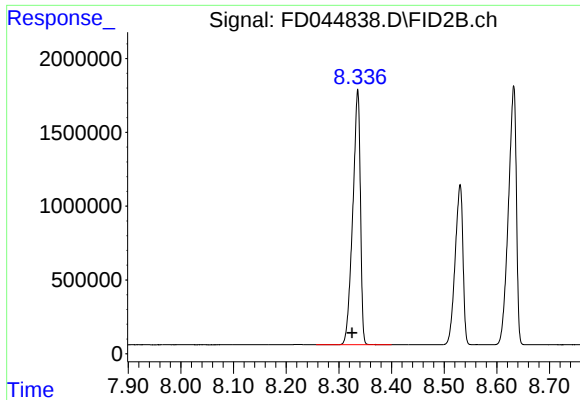
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.066 min
Delta R.T.: 0.008 min
Response: 18731761
Conc: 92.96 ug/ml



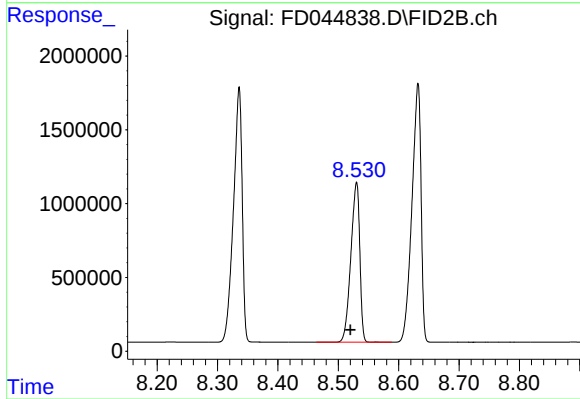
#4 2-Bromonaphthalene (SURR)

R.T.: 7.671 min
Delta R.T.: 0.008 min
Response: 16201272
Conc: 92.71 ug/ml



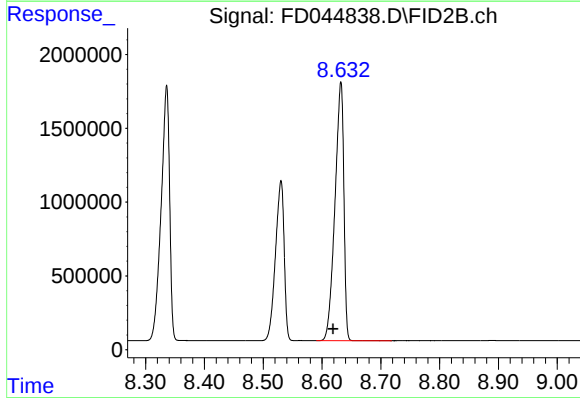
#5 Acenaphthylene (C15.06)

R.T.: 8.335 min
Delta R.T.: 0.011 min
Response: 17351877
Conc: 91.72 ug/ml



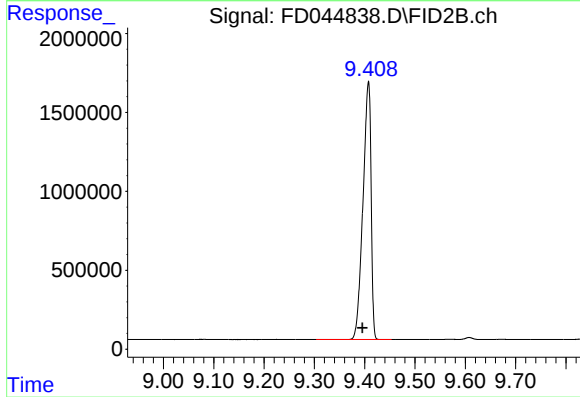
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.530 min
Delta R.T.: 0.010 min
Response: 11109658
Conc: 92.43 ug/ml



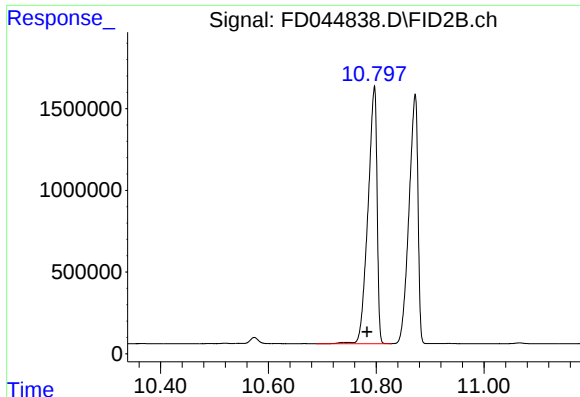
#7 Acenaphthene (C15.5)

R.T.: 8.631 min
Delta R.T.: 0.012 min
Response: 18368954
Conc: 92.67 ug/ml



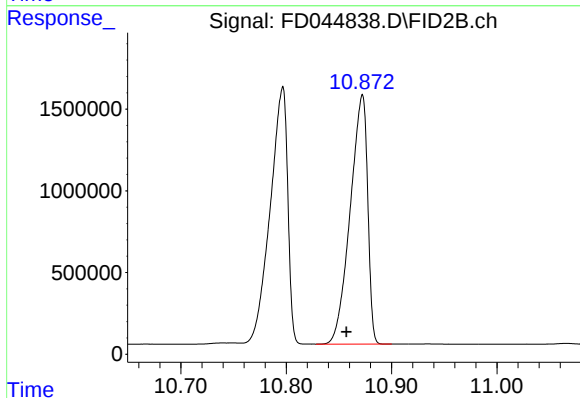
#8 Fluorene (C16.55)

R.T.: 9.407 min
Delta R.T.: 0.012 min
Response: 18305054
Conc: 92.31 ug/ml



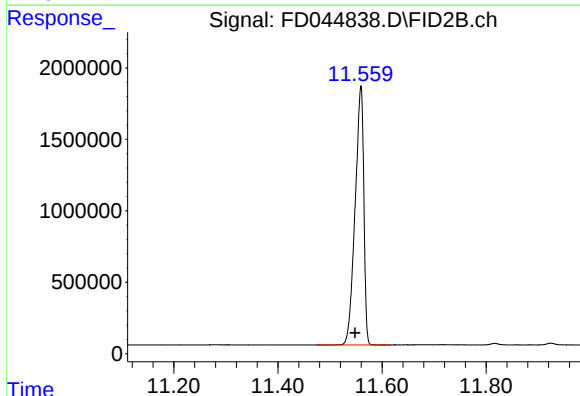
#9 Phenanthrene (C19.36)

R.T.: 10.796 min
Delta R.T.: 0.013 min
Response: 18358054
Conc: 92.15 ug/ml



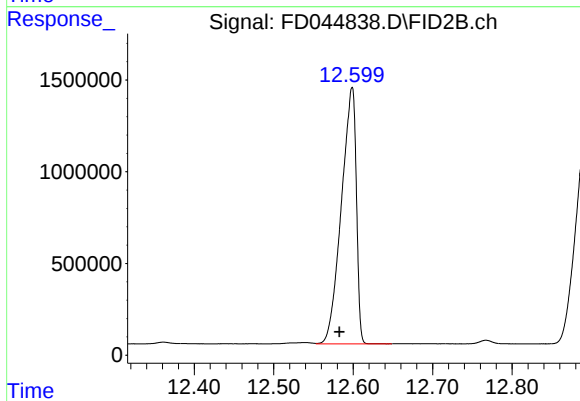
#10 Anthracene (C19.43)

R.T.: 10.871 min
Delta R.T.: 0.014 min
Response: 17544519
Conc: 92.19 ug/ml



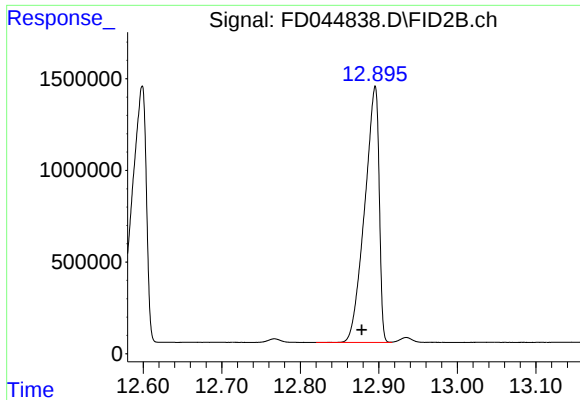
#11 ortho-Terphenyl (SURR)

R.T.: 11.559 min
Delta R.T.: 0.011 min
Response: 20928689
Conc: 91.57 ug/ml



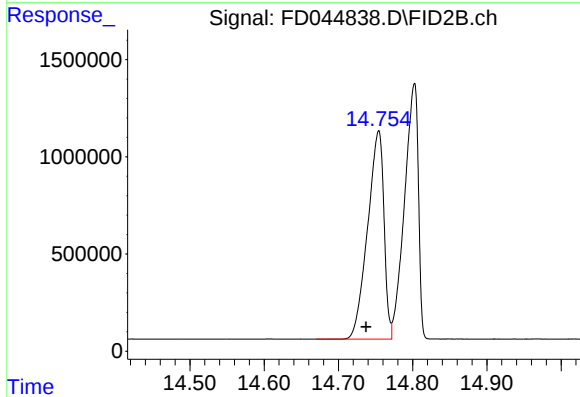
#12 Fluoranthene (C21.85)

R.T.: 12.598 min
Delta R.T.: 0.015 min
Response: 18236923
Conc: 91.30 ug/ml



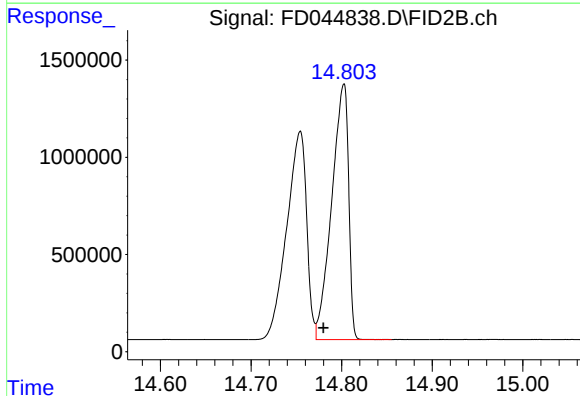
#13 Pyrene (C20.8)

R.T.: 12.894 min
Delta R.T.: 0.016 min
Response: 17838050
Conc: 91.13 ug/ml



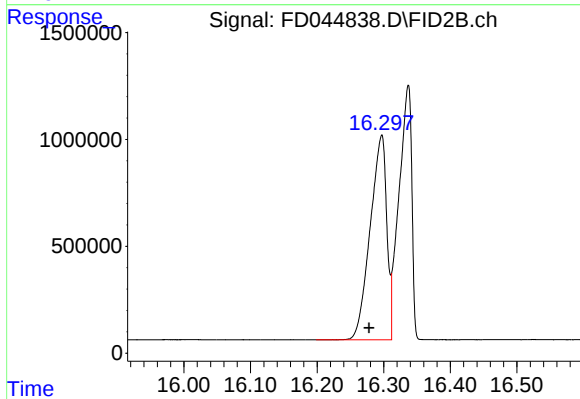
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.754 min
Delta R.T.: 0.016 min
Response: 16369468
Conc: 91.57 ug/ml



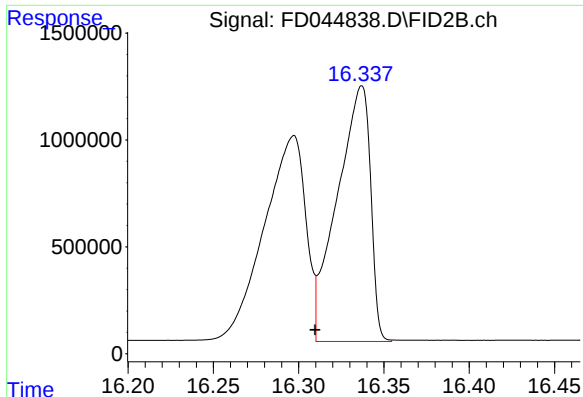
#15 Chrysene (C27.41)

R.T.: 14.801 min
Delta R.T.: 0.021 min
Response: 16977499
Conc: 91.29 ug/ml



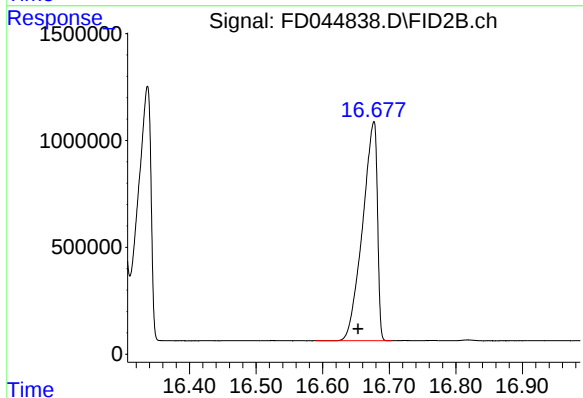
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.296 min
Delta R.T.: 0.018 min
Response: 16552404
Conc: 92.80 ug/ml



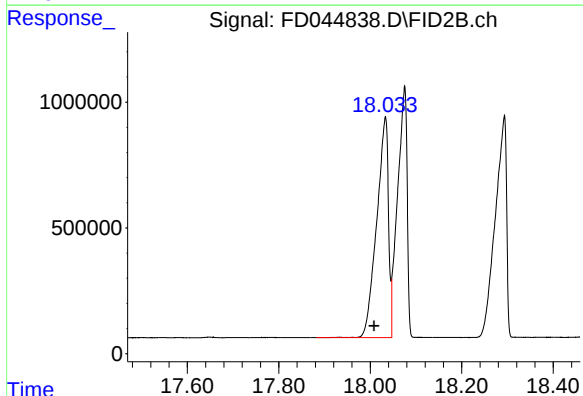
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.337 min
Delta R.T.: 0.027 min
Response: 16211887
Conc: 92.37 ug/ml m



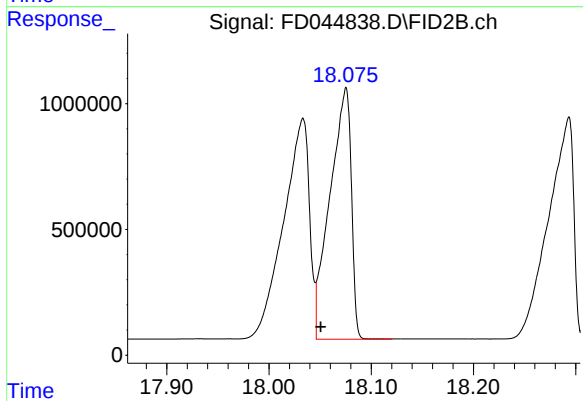
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: 0.022 min
Response: 15818511
Conc: 91.37 ug/ml



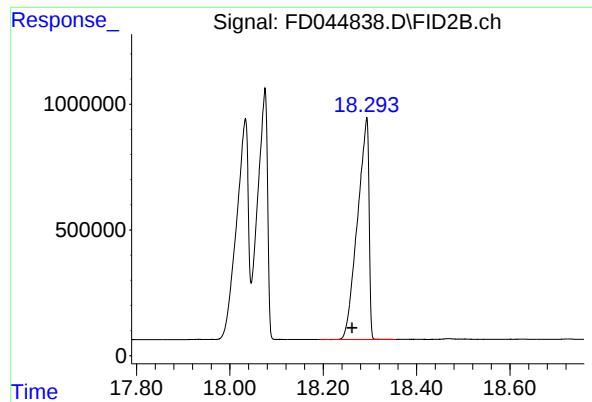
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.032 min
Delta R.T.: 0.024 min
Response: 15615844
Conc: 94.09 ug/ml



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

R.T.: 18.075 min
Delta R.T.: 0.024 min
Response: 14439752
Conc: 87.87 ug/ml m



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

R.T.: 18.292 min
Delta R.T.: 0.030 min
Response: 15034613
Conc: 91.33 ug/ml