

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120921AR\
 Data File : FD039768.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2021 1:10
 Operator : AJ\MA
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 03:12:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 03:12:07 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...	7.585	14373103	99.597 ug/ml
Spiked Amount 50.000		Recovery =	199.19%
6) S 2-Fluorobiphenyl (SURR)	8.448	9833454	102.025 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	204.05%#
11) S ortho-Terphenyl (SURR)	11.488	15552491	96.732 ug/ml
Spiked Amount 50.000		Recovery =	193.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.384	15292258	100.902 ug/ml
2) T Naphthalene (C11.7)	5.923	16133547	101.753 ug/ml
3) T 2-Methylnaphthalene (...)	6.976	16415155	101.542 ug/ml
5) T Acenaphthylene (C15.06)	8.251	15237101	98.482 ug/ml
7) T Acenaphthene (C15.5)	8.549	16122388	97.846 ug/ml
8) T Fluorene (C16.55)	9.329	15874854	100.152 ug/ml
9) T Phenanthrene (C19.36)	10.726	15690241	98.410 ug/ml
10) T Anthracene (C19.43)	10.802	15074108	100.363 ug/ml
12) T Fluoranthene (C21.85)	12.539	15450477	97.189 ug/ml
13) T Pyrene (C20.8)	12.837	14980953	97.161 ug/ml
14) T Benzo[a]anthracene (C...	14.705	13273506	101.141 ug/ml
15) T Chrysene (C27.41)	14.754	13960683	100.015 ug/ml
16) T benzo[b]fluoranthene ...	16.257	12850073	101.420 ug/ml
17) T Bnezo[k]fluoranthene ...	16.296	12483471	95.475 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.638	12236436	103.324 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.004	11375644	108.389 ug/ml
20) T Dibenz[a,h]anthracene...	18.042	10406636	97.426 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.264	11117950	100.295 ug/ml

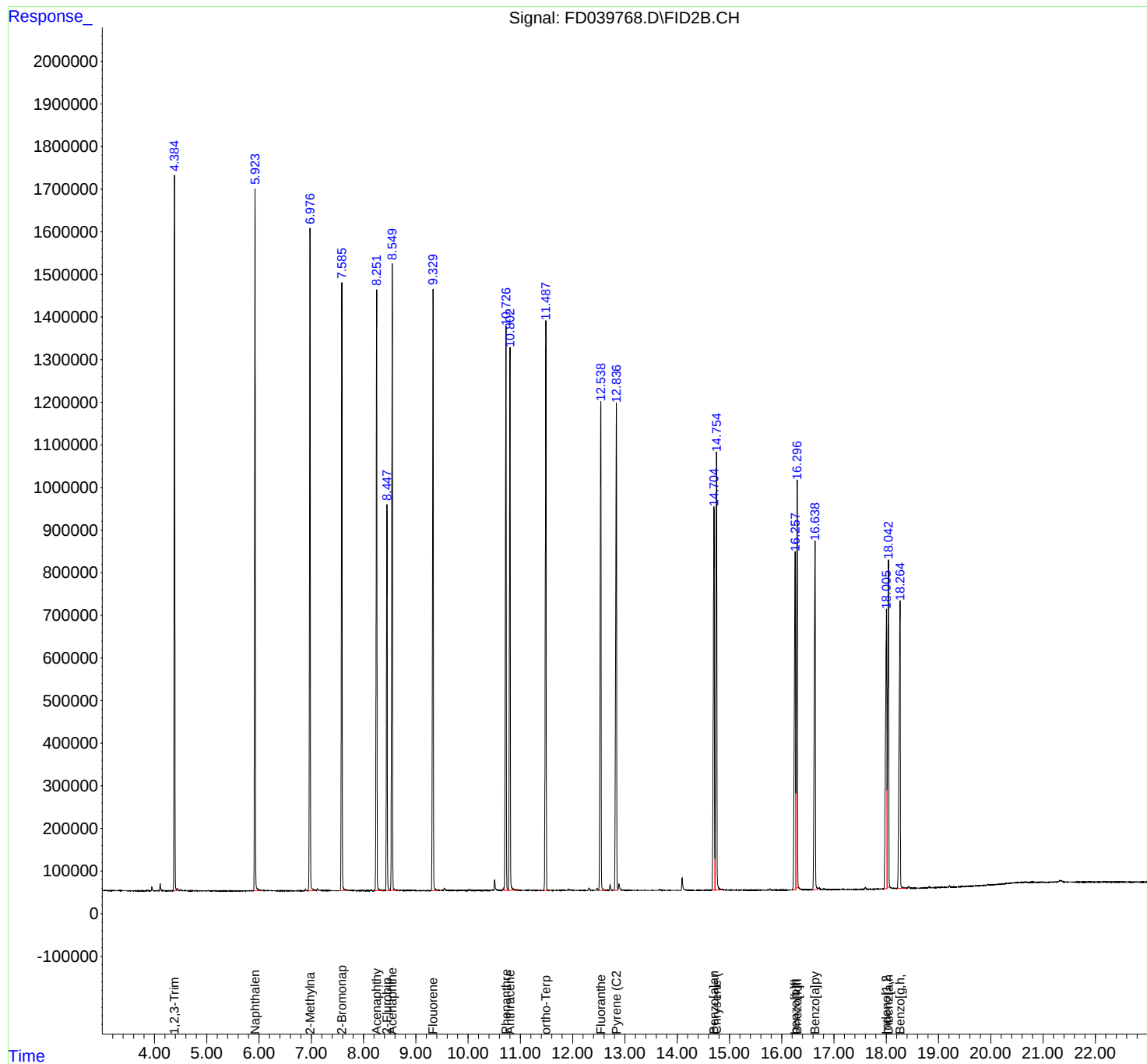
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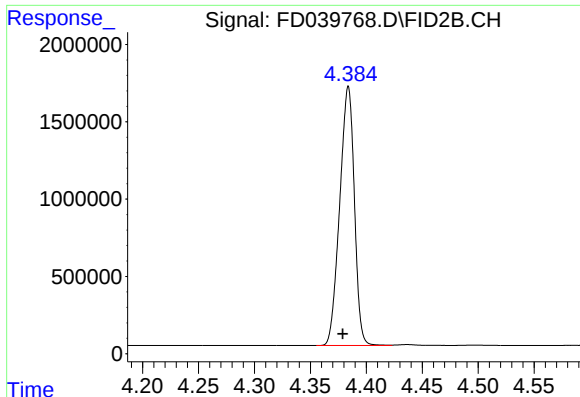
(m)=manual int.

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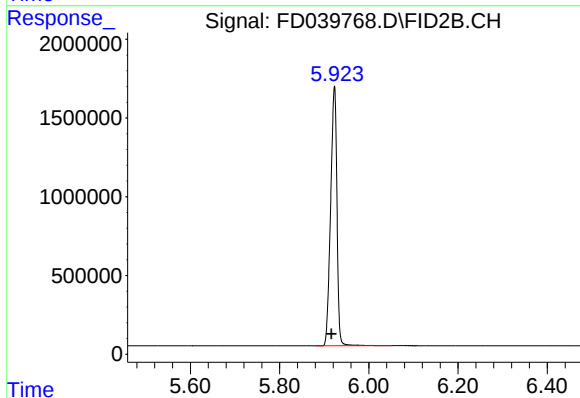
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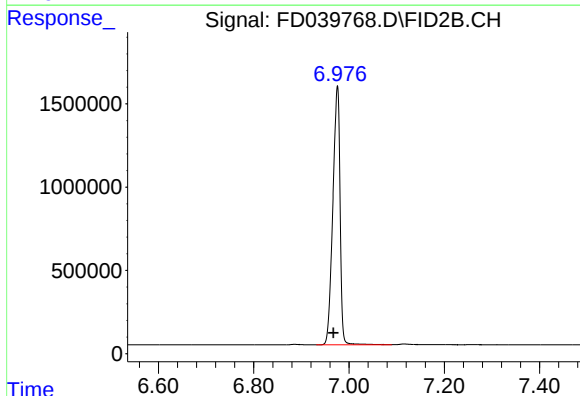
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.384 min
Delta R.T.: 0.005 min
Response: 15292258
Conc: 100.90 ug/ml



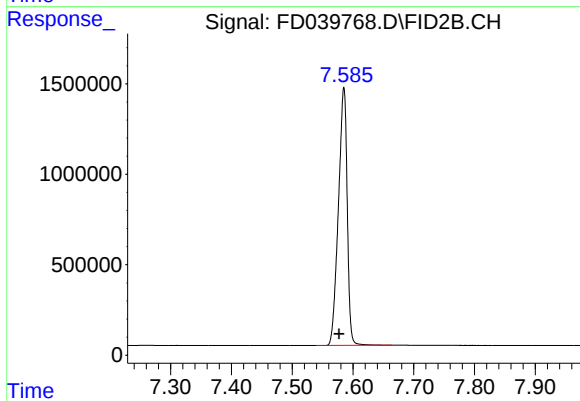
#2 Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: 0.007 min
Response: 16133547
Conc: 101.75 ug/ml



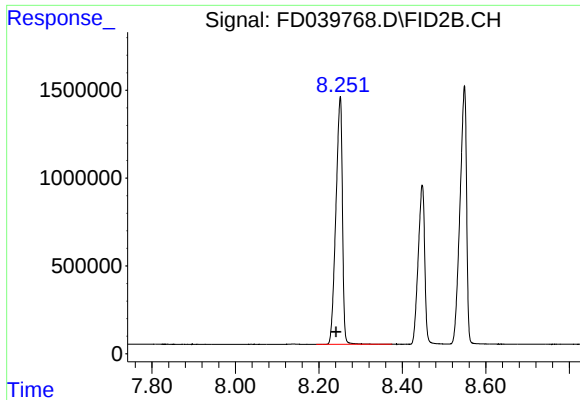
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: 0.009 min
Response: 16415155
Conc: 101.54 ug/ml



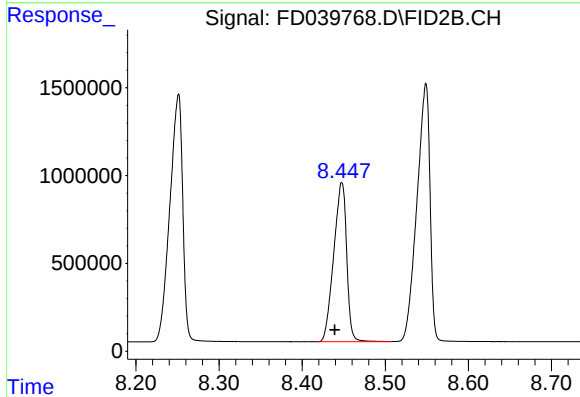
#4 2-Bromonaphthalene (SURR)

R.T.: 7.585 min
Delta R.T.: 0.008 min
Response: 14373103
Conc: 99.60 ug/ml



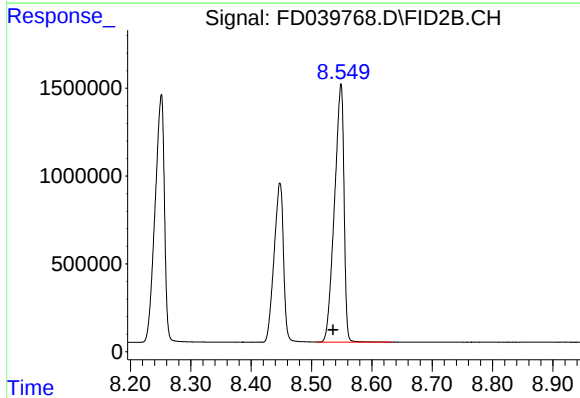
#5 Acenaphthylene (C15.06)

R.T.: 8.251 min
Delta R.T.: 0.011 min
Response: 15237101
Conc: 98.48 ug/ml



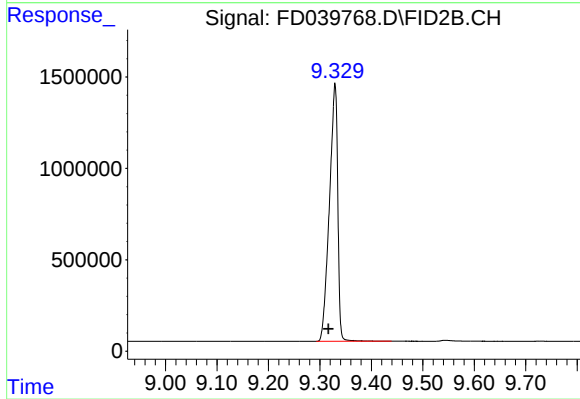
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: 0.009 min
Response: 9833454
Conc: 102.03 ug/ml



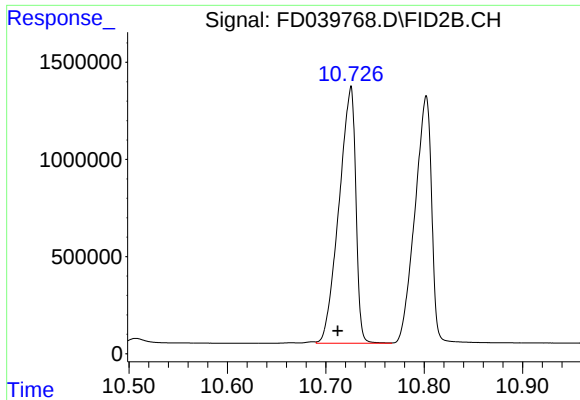
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: 0.013 min
Response: 16122388
Conc: 97.85 ug/ml



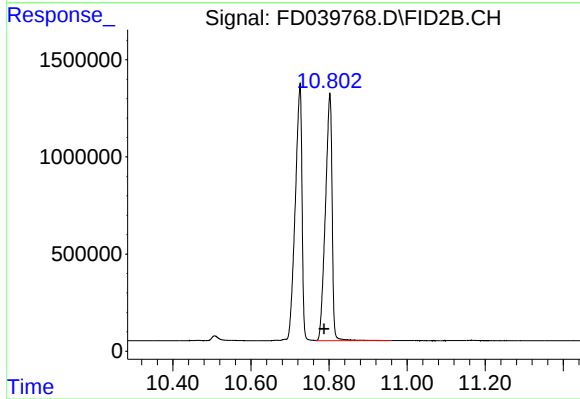
#8 Fluorene (C16.55)

R.T.: 9.329 min
Delta R.T.: 0.013 min
Response: 15874854
Conc: 100.15 ug/ml



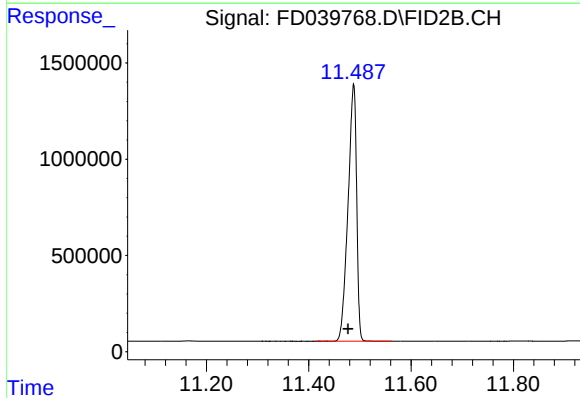
#9 Phenanthrene (C19.36)

R.T.: 10.726 min
Delta R.T.: 0.013 min
Response: 15690241
Conc: 98.41 ug/ml



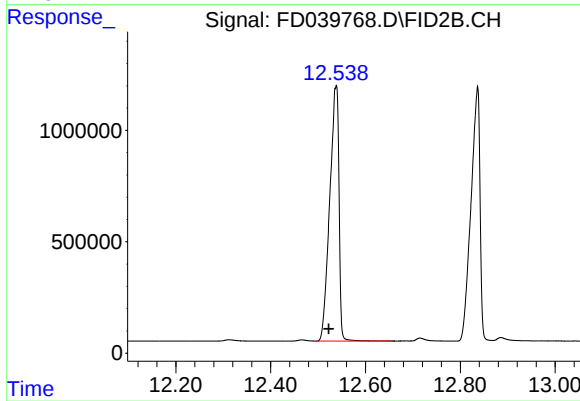
#10 Anthracene (C19.43)

R.T.: 10.802 min
Delta R.T.: 0.015 min
Response: 15074108
Conc: 100.36 ug/ml



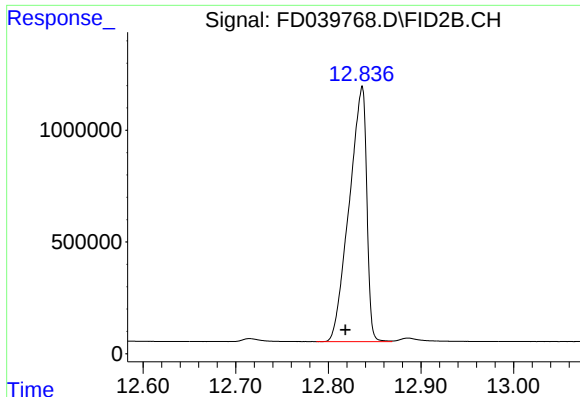
#11 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: 0.011 min
Response: 15552491
Conc: 96.73 ug/ml



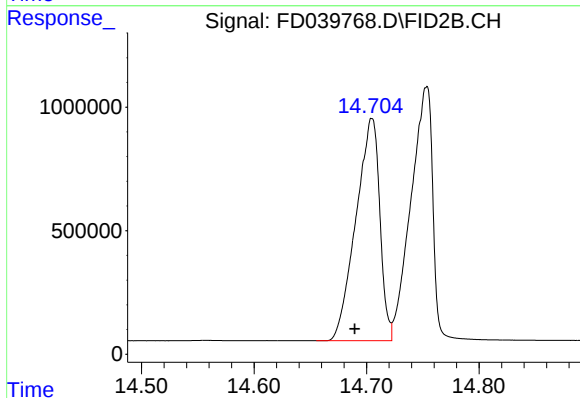
#12 Fluoranthene (C21.85)

R.T.: 12.539 min
Delta R.T.: 0.016 min
Response: 15450477
Conc: 97.19 ug/ml



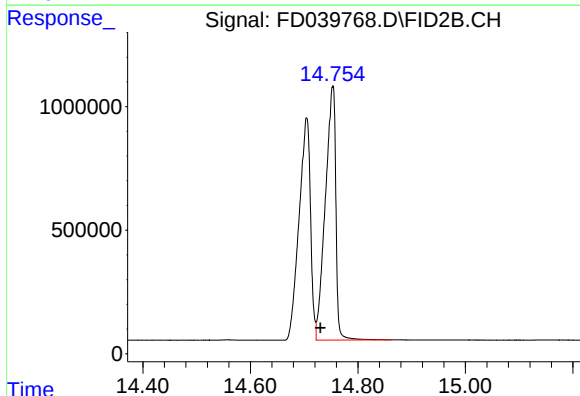
#13 Pyrene (C20.8)

R.T.: 12.837 min
Delta R.T.: 0.018 min
Response: 14980953
Conc: 97.16 ug/ml



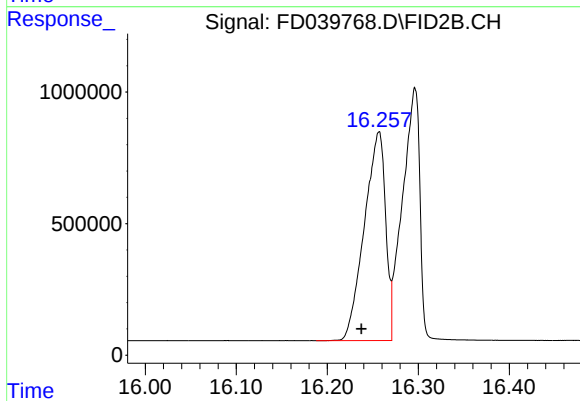
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.705 min
Delta R.T.: 0.015 min
Response: 13273506
Conc: 101.14 ug/ml



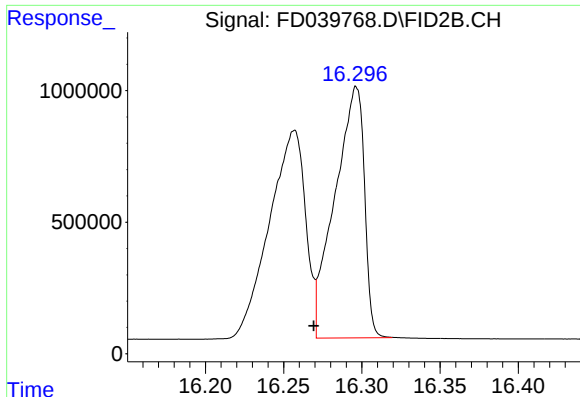
#15 Chrysene (C27.41)

R.T.: 14.754 min
Delta R.T.: 0.024 min
Response: 13960683
Conc: 100.02 ug/ml



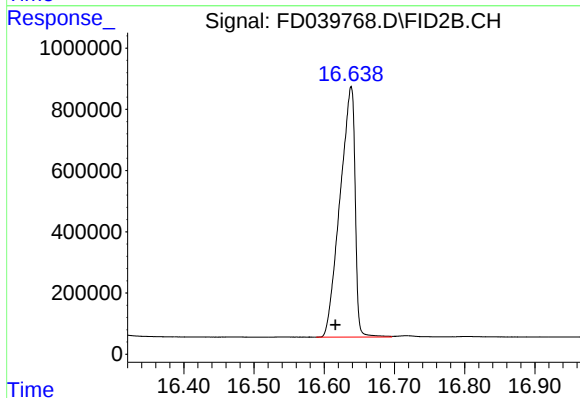
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.257 min
Delta R.T.: 0.020 min
Response: 12850073
Conc: 101.42 ug/ml



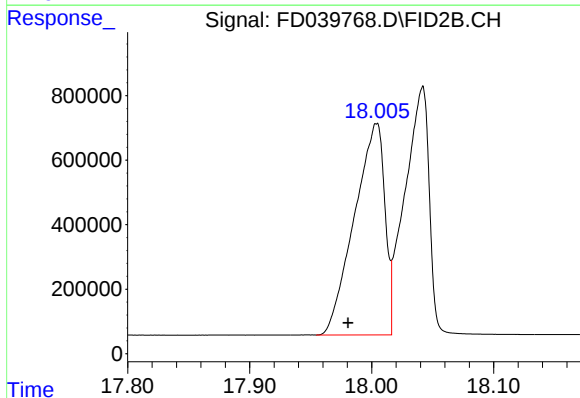
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.296 min
Delta R.T.: 0.026 min
Response: 12483471
Conc: 95.48 ug/ml m



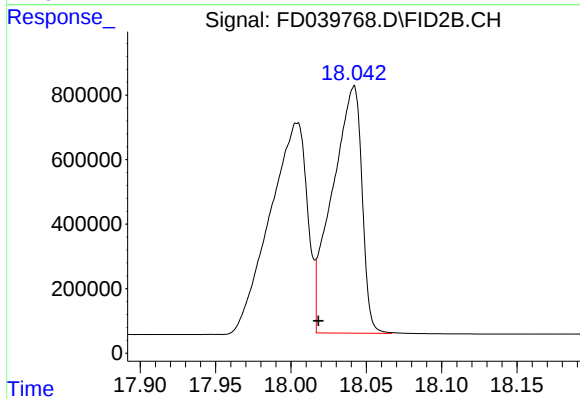
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.638 min
Delta R.T.: 0.023 min
Response: 12236436
Conc: 103.32 ug/ml



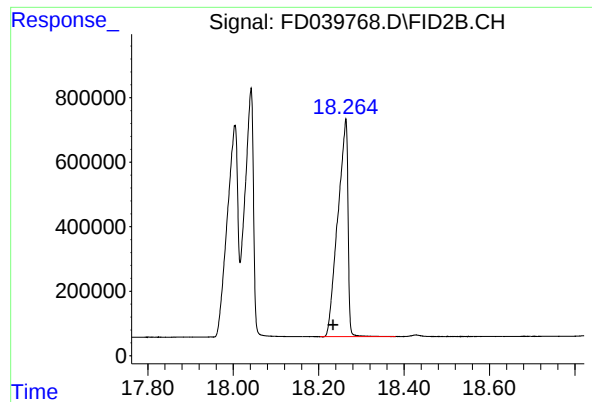
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.004 min
Delta R.T.: 0.024 min
Response: 11375644
Conc: 108.39 ug/ml



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

R.T.: 18.042 min
Delta R.T.: 0.024 min
Response: 10406636
Conc: 97.43 ug/ml m



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

R.T.: 18.264 min
Delta R.T.: 0.030 min
Response: 11117950
Conc: 100.30 ug/ml