

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AR\
 Data File : FG017113.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2025 01:10
 Operator : YP\AJ
 Sample : Q3530-08
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/08/2025
 Supervised By :Yogesh Patel 12/08/2025

Integration File: autoint1.e
 Quant Time: Dec 06 05:16:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:55:13 2025
 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...	8.067	6120764	65.746 ug/ml
Spiked Amount 50.000		Recovery =	131.49%
6) S 2-Fluorobiphenyl (SURR)	8.950	3728179	66.276 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	132.55%#
11) S ortho-Terphenyl (SURR)	12.029	6617237	46.483 ug/ml
Spiked Amount 50.000		Recovery =	92.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.652	582197	4.404 ug/ml
2) T Naphthalene (C11.7)	6.337	549106	4.489 ug/ml
3) T 2-Methylnaphthalene (...)	7.440	522206	4.612 ug/ml
5) T Acenaphthylene (C15.06)	8.747	672635	5.606 ug/ml
7) T Acenaphthene (C15.5)	9.046	1066447	8.000 ug/ml
8) T Flouorene (C16.55)	9.847	630510	5.363 ug/ml
9) T Phenanthrene (C19.36)	11.263	568218	4.968 ug/ml
10) T Anthracene (C19.43)	11.340	677185	5.573 ug/ml
12) T Fluoranthene (C21.85)	13.094	672112	5.321 ug/ml
13) T Pyrene (C20.8)	13.394	645670	5.015 ug/ml
14) T Benzo[a]anthracene (C...	15.294	437976	4.834 ug/ml
15) T Chrysene (C27.41)	15.336	896918	6.325 ug/ml
16) T benzo[b]fluoranthene ...	16.861	461222	4.678 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.891	815673	6.223 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.252	518914	5.226 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.638	413675	4.674 ug/ml
20) T Dibenz[a,h]anthracene...	18.676	895480	6.710 ug/ml
21) T Benzo[g,h,i]perylene ...	18.887	696424	6.040 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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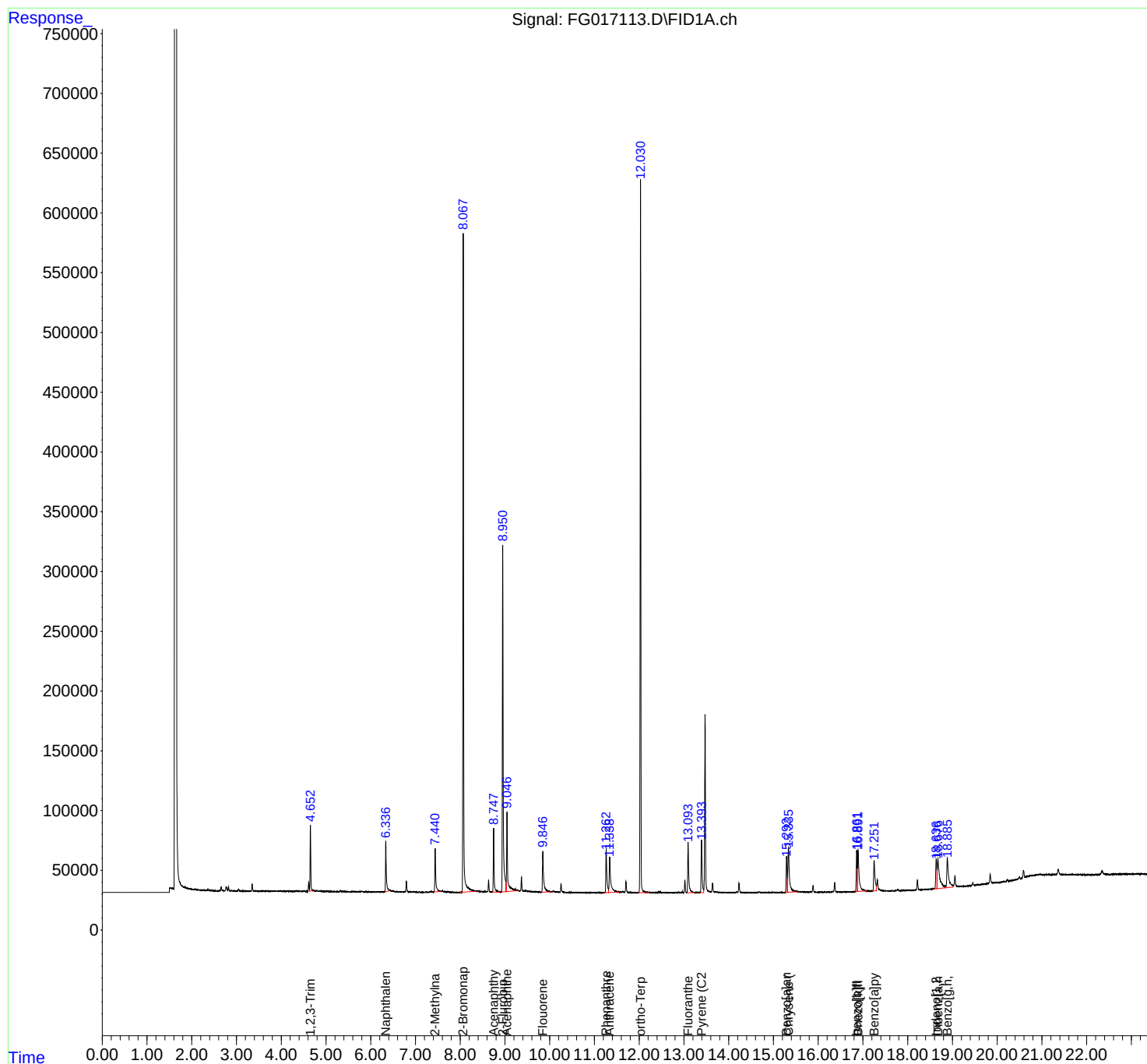
Instrument :
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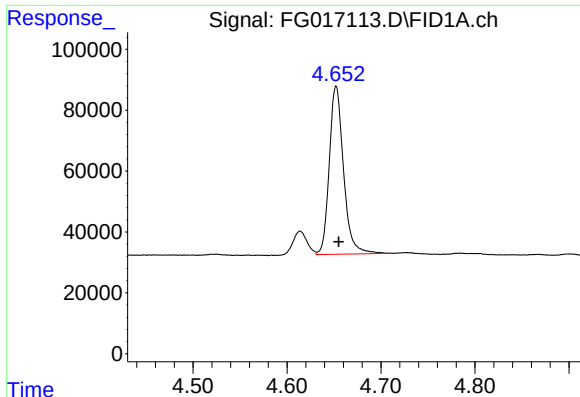
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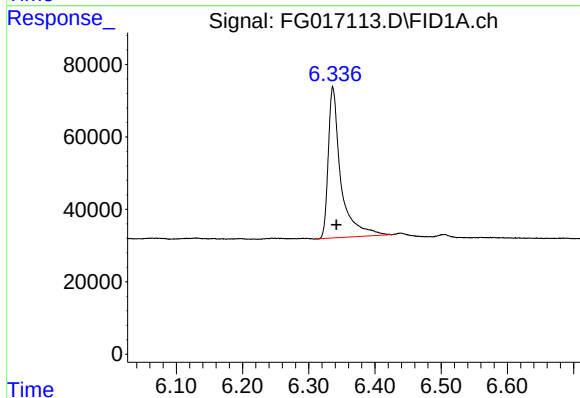
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.652 min
Delta R.T.: -0.003 min
Response: 582197
Conc: 4.40 ug/ml

Instrument : FID_G
ClientSampleId : LOQ-WATER-02-QT4-2025

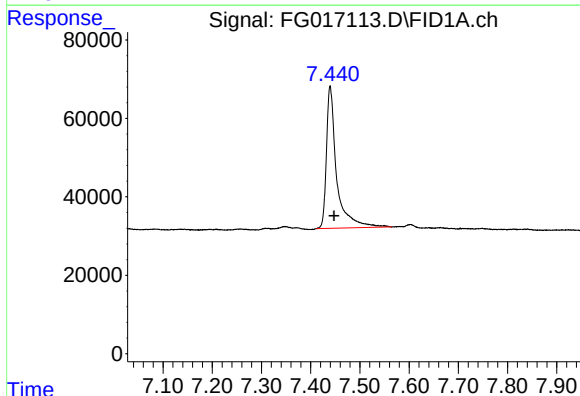
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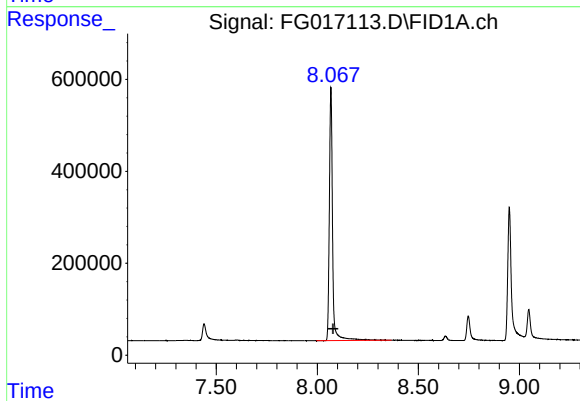
#2 Naphthalene (C11.7)

R.T.: 6.337 min
Delta R.T.: -0.005 min
Response: 549106
Conc: 4.49 ug/ml



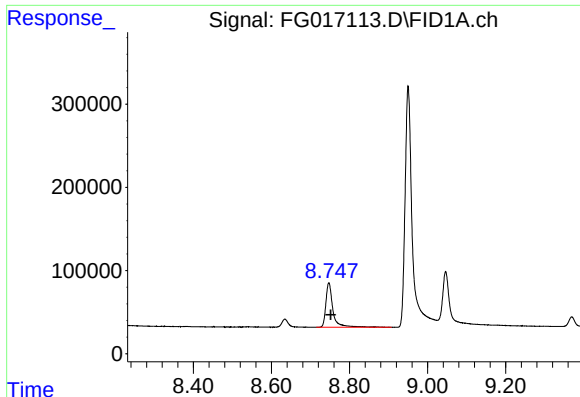
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.440 min
Delta R.T.: -0.007 min
Response: 522206
Conc: 4.61 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.067 min
Delta R.T.: -0.011 min
Response: 6120764
Conc: 65.75 ug/ml



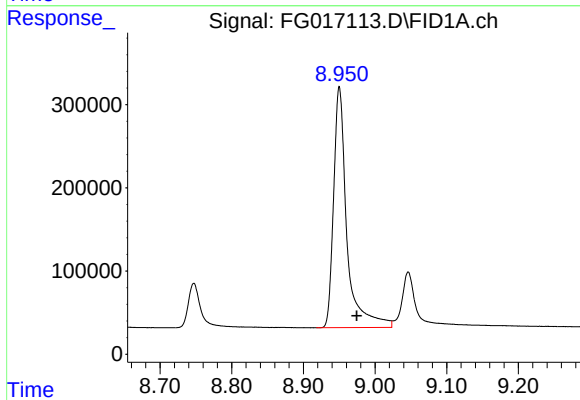
#5 Acenaphthylene (C15.06)

R.T.: 8.747 min
Delta R.T.: -0.005 min
Response: 672635
Conc: 5.61 ug/ml

Instrument :
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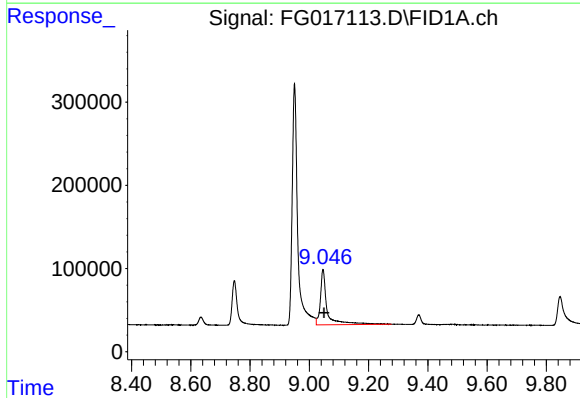
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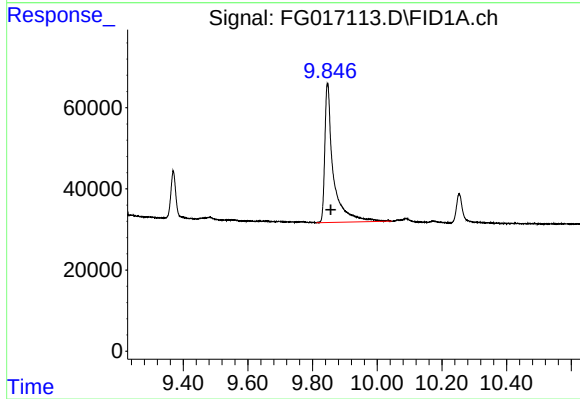
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.950 min
Delta R.T.: -0.024 min
Response: 3728179
Conc: 66.28 ug/ml



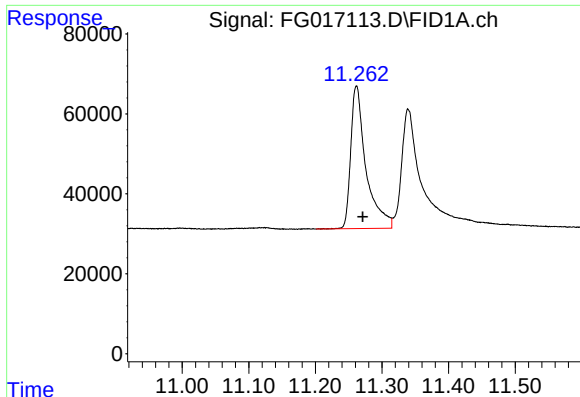
#7 Acenaphthene (C15.5)

R.T.: 9.046 min
Delta R.T.: -0.003 min
Response: 1066447
Conc: 8.00 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.847 min
Delta R.T.: -0.010 min
Response: 630510
Conc: 5.36 ug/ml



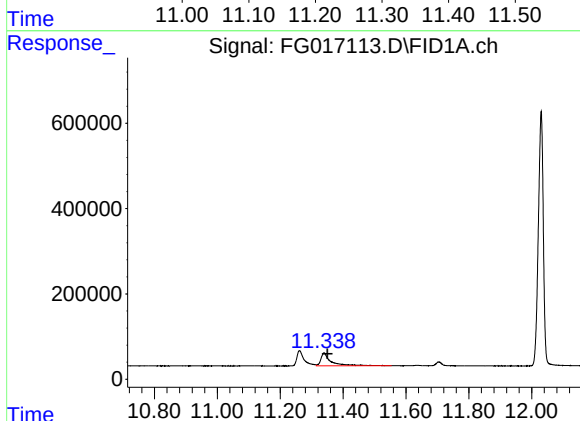
#9 Phenanthrene (C19.36)

R.T.: 11.263 min
Delta R.T.: -0.009 min
Response: 568218
Conc: 4.97 ug/ml

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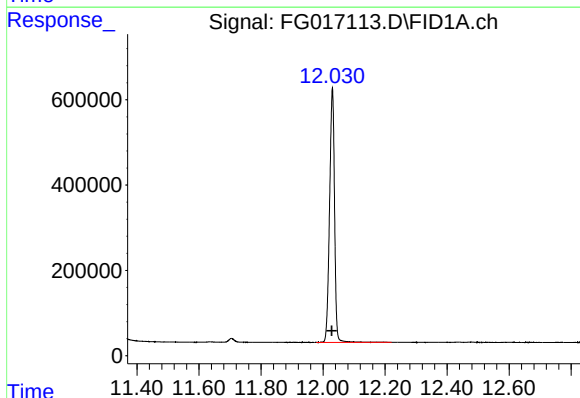
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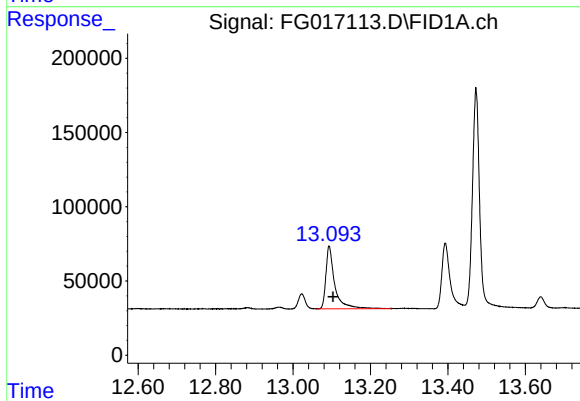
#10 Anthracene (C19.43)

R.T.: 11.340 min
Delta R.T.: -0.010 min
Response: 677185
Conc: 5.57 ug/ml



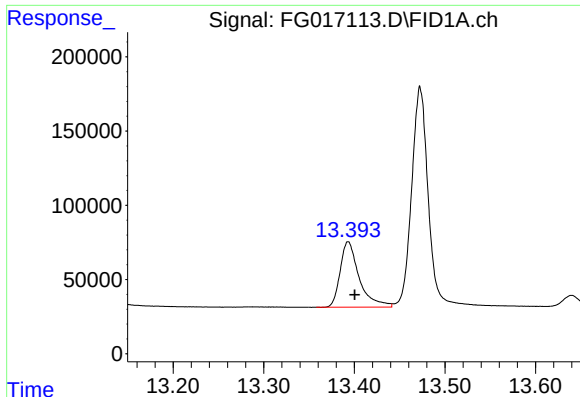
#11 ortho-Terphenyl (SURR)

R.T.: 12.029 min
Delta R.T.: 0.001 min
Response: 6617237
Conc: 46.48 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.094 min
Delta R.T.: -0.009 min
Response: 672112
Conc: 5.32 ug/ml



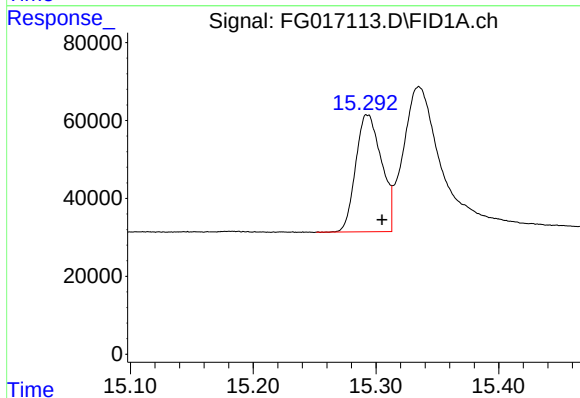
#13 Pyrene (C20.8)

R.T.: 13.394 min
Delta R.T.: -0.006 min
Response: 645670
Conc: 5.01 ug/ml

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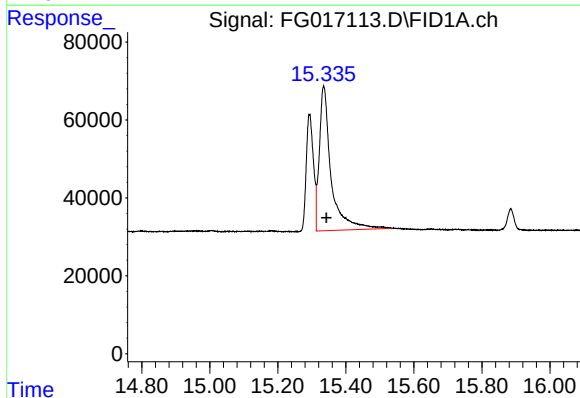
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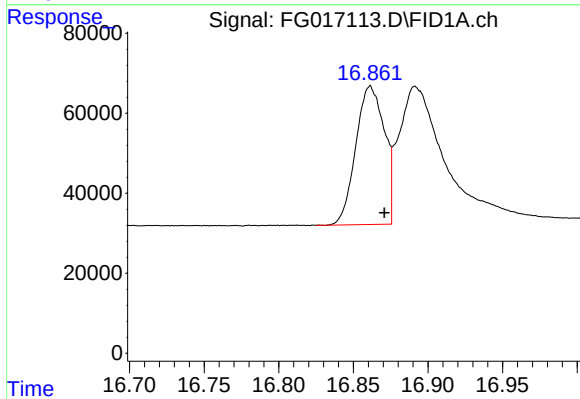
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.294 min
Delta R.T.: -0.011 min
Response: 437976
Conc: 4.83 ug/ml



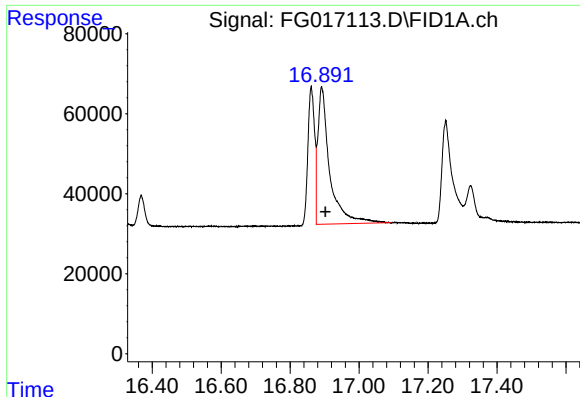
#15 Chrysene (C27.41)

R.T.: 15.336 min
Delta R.T.: -0.007 min
Response: 896918
Conc: 6.33 ug/ml



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

R.T.: 16.861 min
Delta R.T.: -0.009 min
Response: 461222
Conc: 4.68 ug/ml m



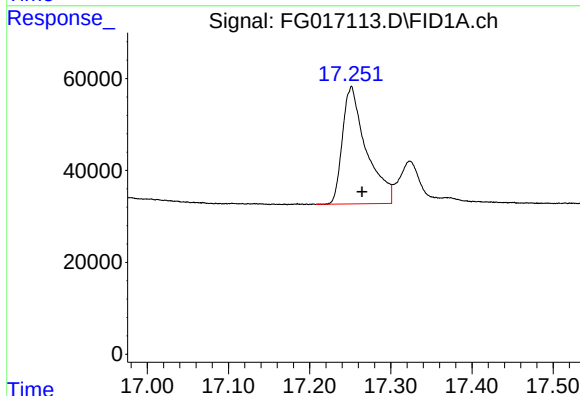
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.891 min
Delta R.T.: -0.011 min
Response: 815673
Conc: 6.22 ug/ml

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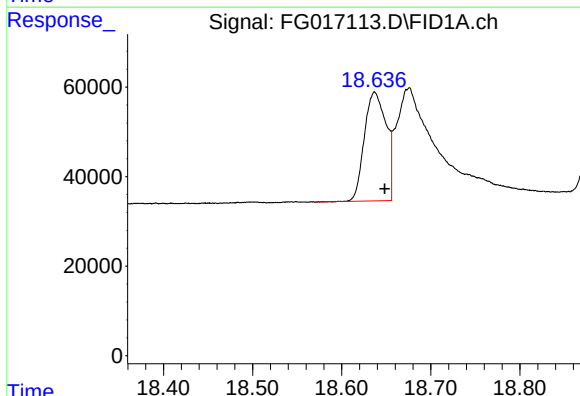
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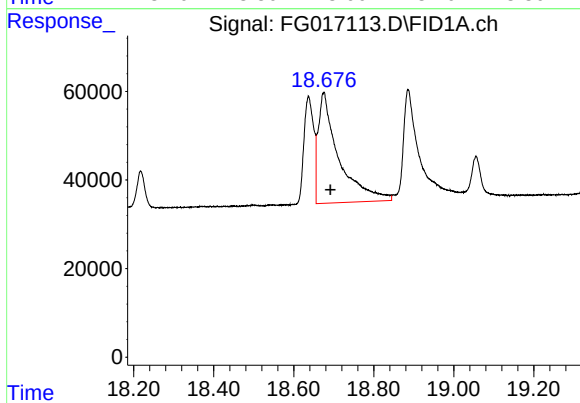
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.252 min
Delta R.T.: -0.013 min
Response: 518914
Conc: 5.23 ug/ml



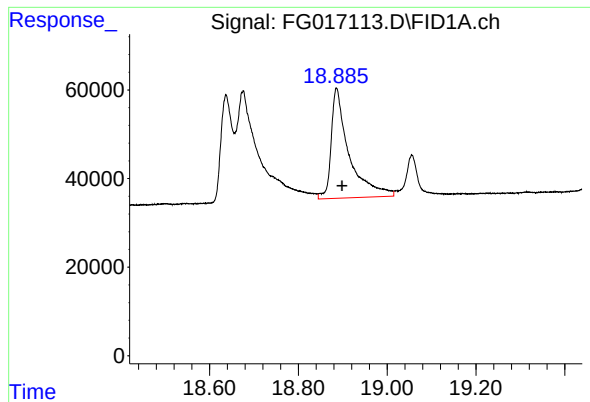
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.638 min
Delta R.T.: -0.010 min
Response: 413675
Conc: 4.67 ug/ml



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

R.T.: 18.676 min
Delta R.T.: -0.016 min
Response: 895480
Conc: 6.71 ug/ml



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

R.T.: 18.887 min
Delta R.T.: -0.011 min
Response: 696424
Conc: 6.04 ug/ml

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