

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AR\
 Data File : FG017112.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2025 00:41
 Operator : YP\AJ
 Sample : Q3530-07
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-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 05:15:43 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...	8.068	6673345	71.681 ug/ml
Spiked Amount 50.000		Recovery =	143.36%
6) S 2-Fluorobiphenyl (SURR)	8.951	4122094	73.278 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	146.56%#
11) S ortho-Terphenyl (SURR)	12.030	6889008	48.393 ug/ml
Spiked Amount 50.000		Recovery =	96.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.652	488733	3.697 ug/ml
2) T Naphthalene (C11.7)	6.338	456814	3.735 ug/ml
3) T 2-Methylnaphthalene (...)	7.440	446699	3.945 ug/ml
5) T Acenaphthylene (C15.06)	8.748	580836	4.841 ug/ml
7) T Acenaphthene (C15.5)	9.047	960858	7.208 ug/ml
8) T Flouorene (C16.55)	9.848	527292	4.485 ug/ml
9) T Phenanthrene (C19.36)	11.265	476919	4.170 ug/ml
10) T Anthracene (C19.43)	11.342	558167	4.594 ug/ml
12) T Fluoranthene (C21.85)	13.096	565485	4.477 ug/ml
13) T Pyrene (C20.8)	13.395	547818	4.255 ug/ml
14) T Benzo[a]anthracene (C...	15.296	352011	3.885 ug/ml
15) T Chrysene (C27.41)	15.338	721040	5.085 ug/ml
16) T benzo[b]fluoranthene ...	16.863	370983	3.763 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.893	669050	5.104 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.255	432456	4.355 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.642	383558	4.333 ug/ml
20) T Dibenz[a,h]anthracene...	18.678	737272	5.525 ug/ml
21) T Benzo[g,h,i]perylene ...	18.889	580080	5.031 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q3530-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

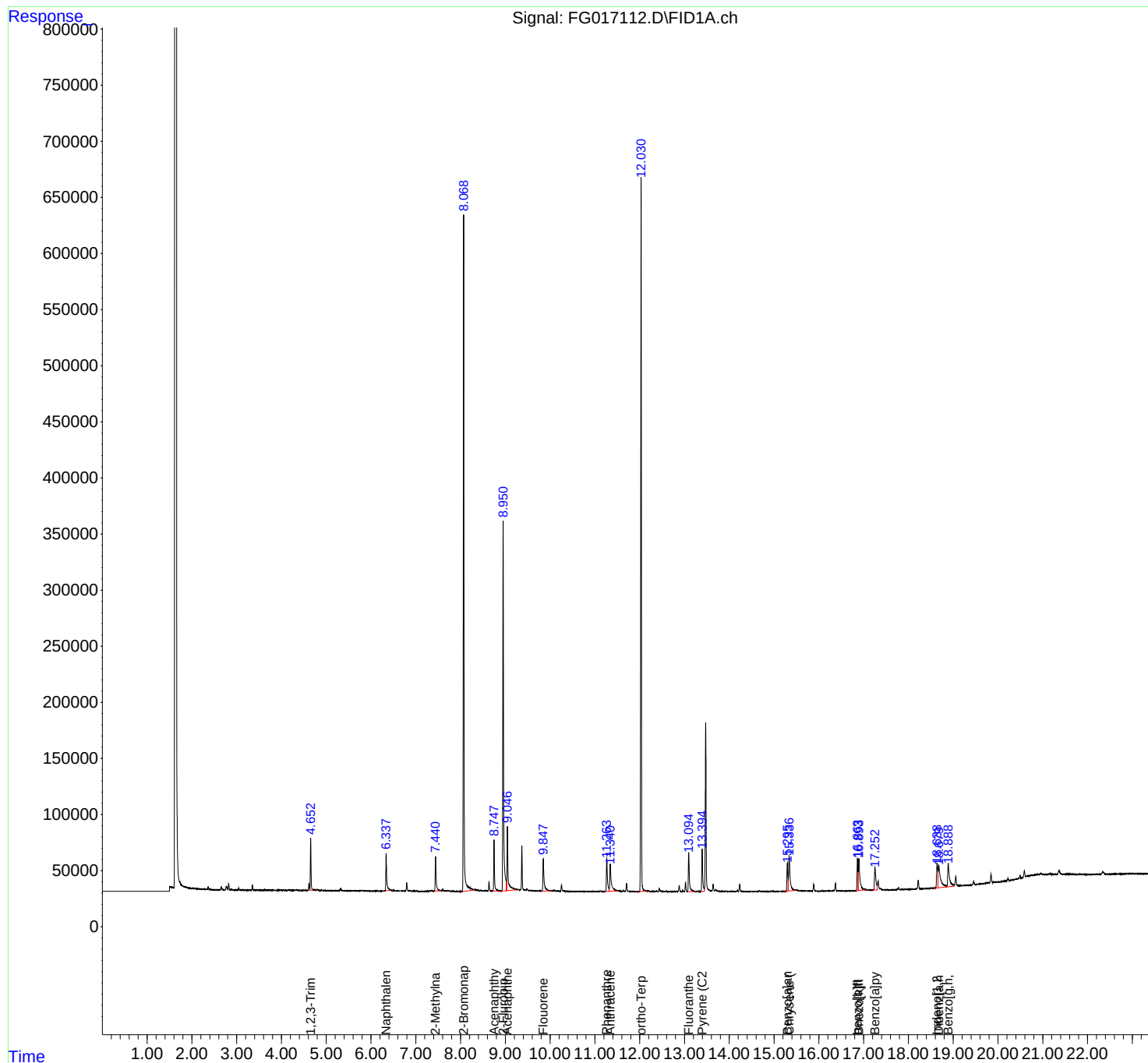
Instrument :
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ClientSampleId :
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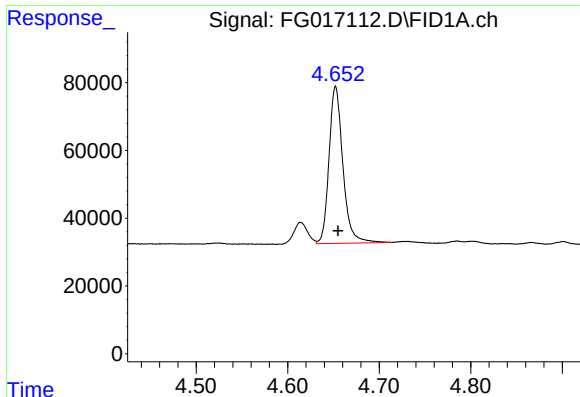
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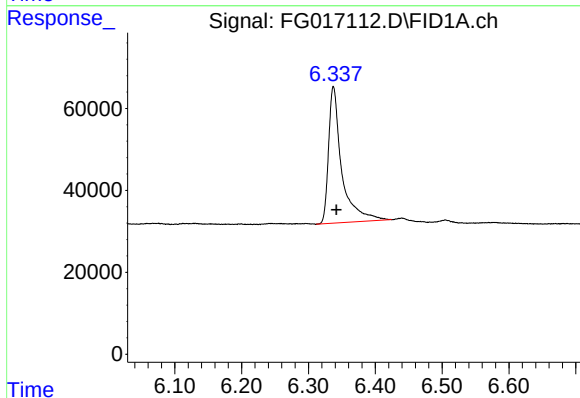
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.652 min
Delta R.T.: -0.003 min
Response: 488733
Conc: 3.70 ug/ml

Instrument : FID_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

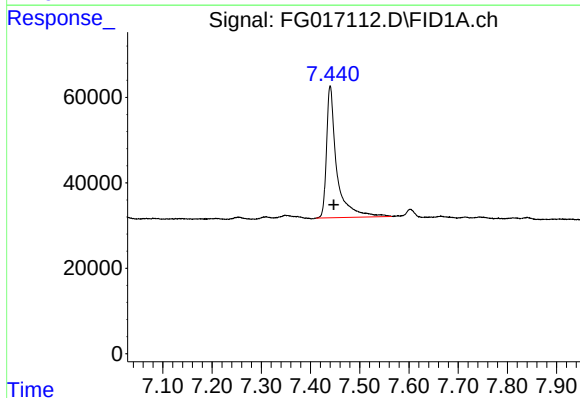
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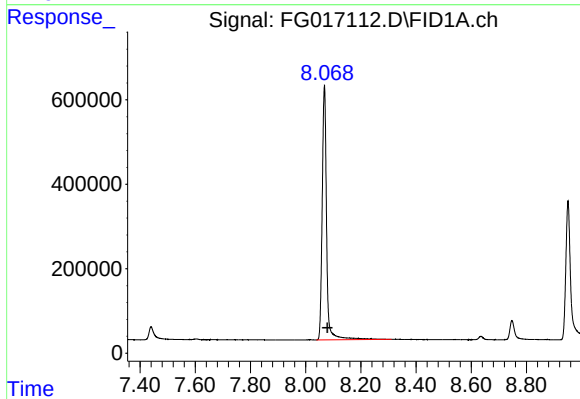
#2 Naphthalene (C11.7)

R.T.: 6.338 min
Delta R.T.: -0.004 min
Response: 456814
Conc: 3.73 ug/ml



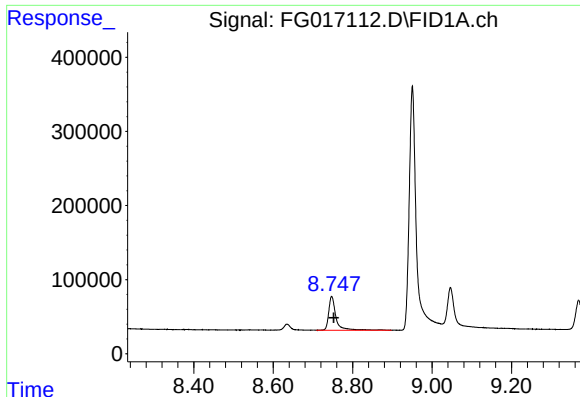
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.440 min
Delta R.T.: -0.007 min
Response: 446699
Conc: 3.95 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.068 min
Delta R.T.: -0.011 min
Response: 6673345
Conc: 71.68 ug/ml



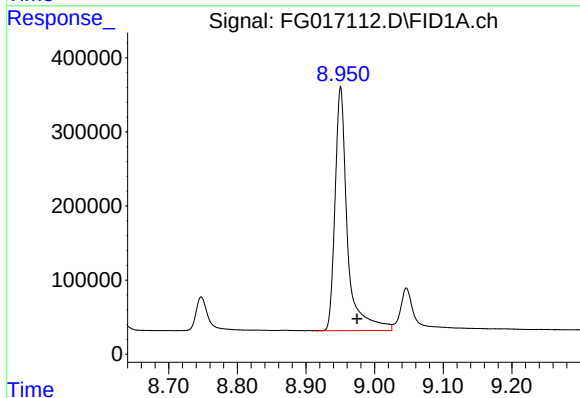
#5 Acenaphthylene (C15.06)

R.T.: 8.748 min
Delta R.T.: -0.004 min
Response: 580836
Conc: 4.84 ug/ml

Instrument :
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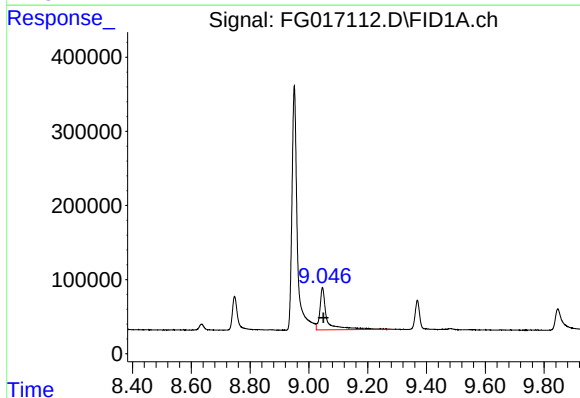
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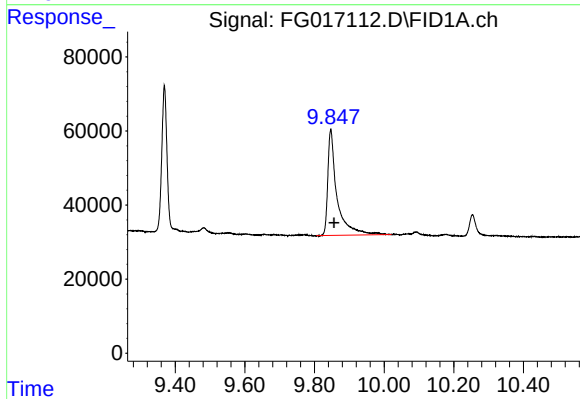
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.951 min
Delta R.T.: -0.024 min
Response: 4122094
Conc: 73.28 ug/ml



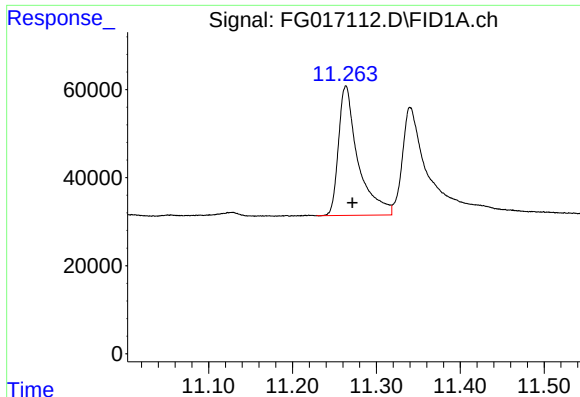
#7 Acenaphthene (C15.5)

R.T.: 9.047 min
Delta R.T.: -0.003 min
Response: 960858
Conc: 7.21 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.848 min
Delta R.T.: -0.009 min
Response: 527292
Conc: 4.49 ug/ml



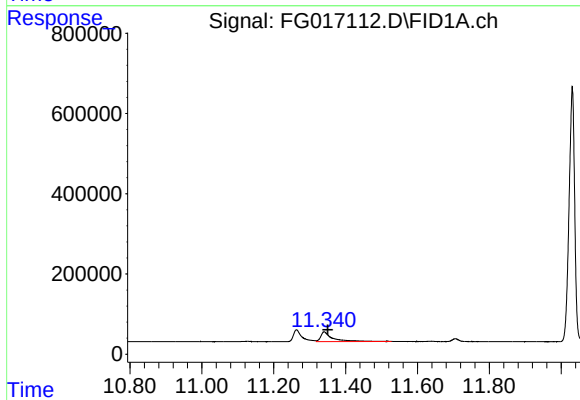
#9 Phenanthrene (C19.36)

R.T.: 11.265 min
Delta R.T.: -0.007 min
Response: 476919
Conc: 4.17 ug/ml

Instrument :
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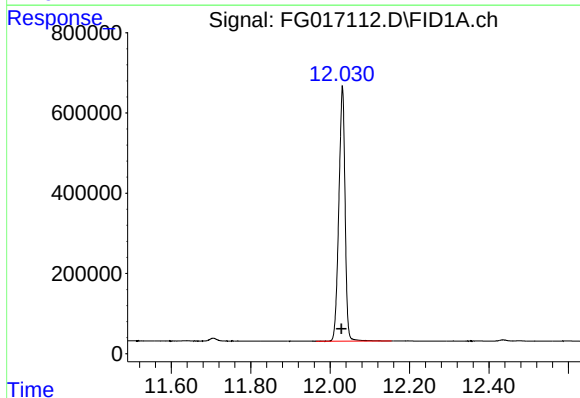
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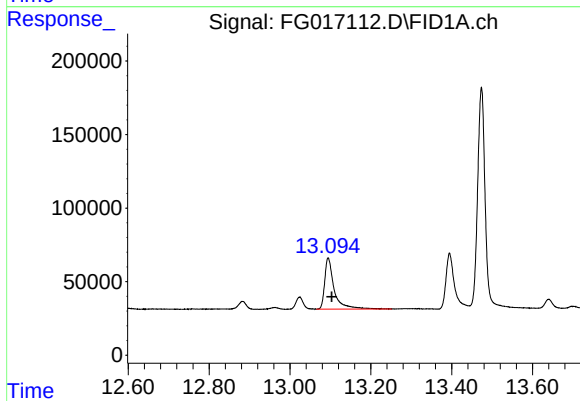
#10 Anthracene (C19.43)

R.T.: 11.342 min
Delta R.T.: -0.009 min
Response: 558167
Conc: 4.59 ug/ml



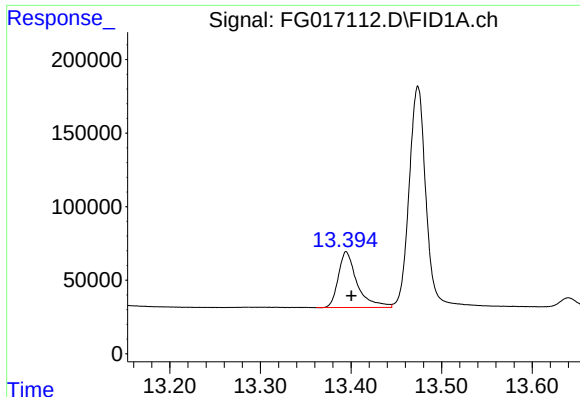
#11 ortho-Terphenyl (SURR)

R.T.: 12.030 min
Delta R.T.: 0.002 min
Response: 6889008
Conc: 48.39 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.096 min
Delta R.T.: -0.008 min
Response: 565485
Conc: 4.48 ug/ml



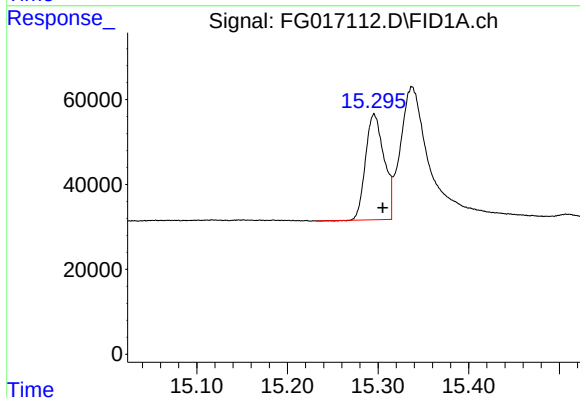
#13 Pyrene (C20.8)

R.T.: 13.395 min
Delta R.T.: -0.005 min
Response: 547818
Conc: 4.25 ug/ml

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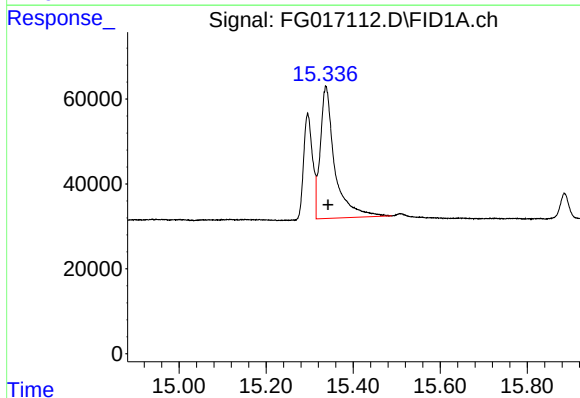
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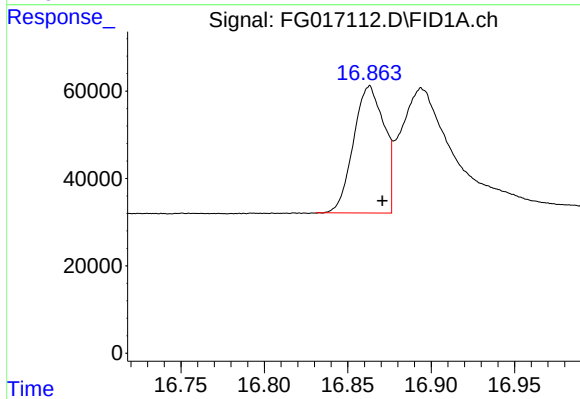
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.296 min
Delta R.T.: -0.009 min
Response: 352011
Conc: 3.89 ug/ml



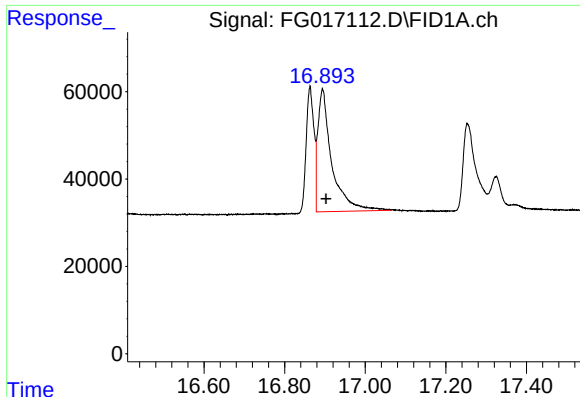
#15 Chrysene (C27.41)

R.T.: 15.338 min
Delta R.T.: -0.005 min
Response: 721040
Conc: 5.08 ug/ml



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

R.T.: 16.863 min
Delta R.T.: -0.008 min
Response: 370983
Conc: 3.76 ug/ml m



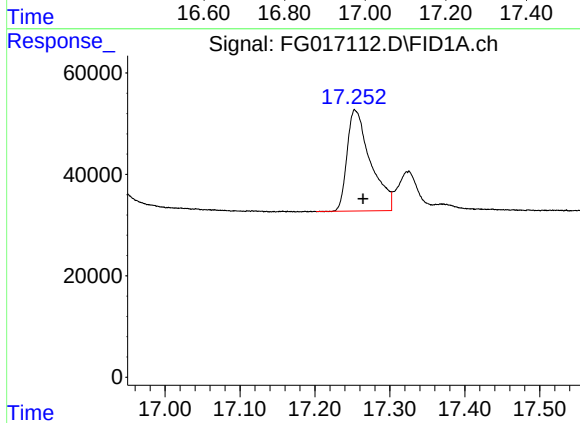
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.893 min
Delta R.T.: -0.009 min
Response: 669050
Conc: 5.10 ug/ml

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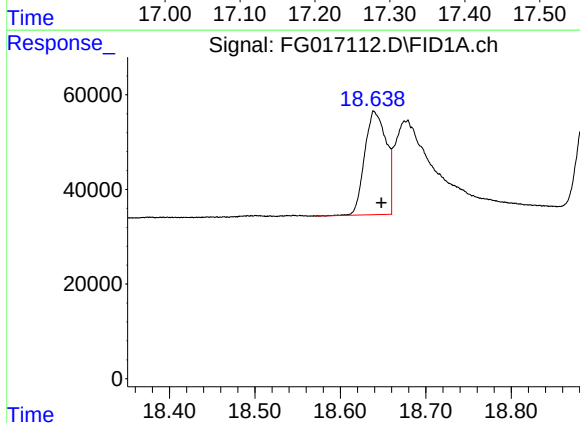
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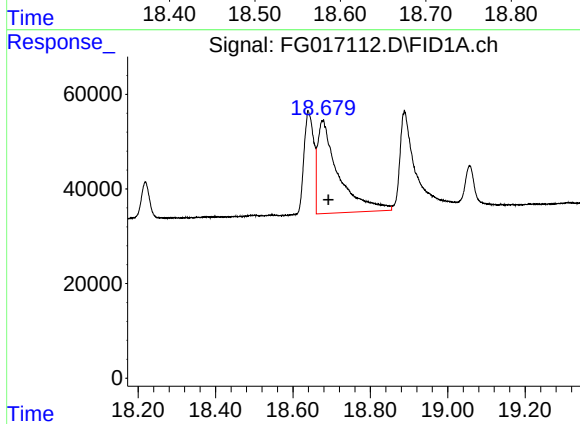
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.255 min
Delta R.T.: -0.009 min
Response: 432456
Conc: 4.36 ug/ml



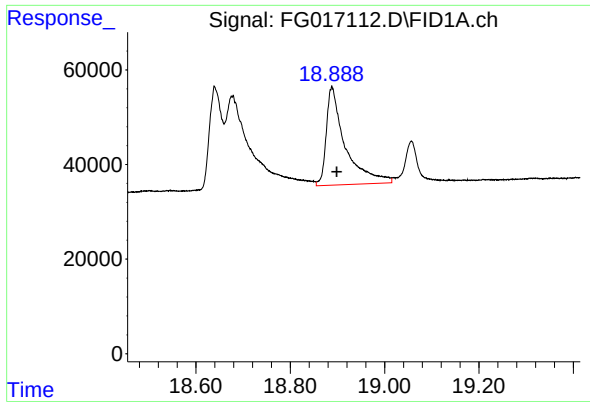
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.642 min
Delta R.T.: -0.006 min
Response: 383558
Conc: 4.33 ug/ml



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

R.T.: 18.678 min
Delta R.T.: -0.014 min
Response: 737272
Conc: 5.52 ug/ml



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

R.T.: 18.889 min
Delta R.T.: -0.009 min
Response: 580080
Conc: 5.03 ug/ml

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