

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AR\
 Data File : FG017111.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2025 00:11
 Operator : YP\AJ
 Sample : Q3530-07
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 06 05:15:11 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	5708420	61.317 ug/ml
Spiked Amount 50.000		Recovery =	122.63%
6) S 2-Fluorobiphenyl (SURR)	8.950	3447564	61.287 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.57%
11) S ortho-Terphenyl (SURR)	12.030	6209880	43.622 ug/ml
Spiked Amount 50.000		Recovery =	87.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.653	290543	2.198 ug/ml
2) T Naphthalene (C11.7)	6.339	267634	2.188 ug/ml
3) T 2-Methylnaphthalene (...)	7.443	232491	2.053 ug/ml
5) T Acenaphthylene (C15.06)	8.749	315148	2.627 ug/ml
7) T Acenaphthene (C15.5)	9.047	608189	4.562 ug/ml
8) T Flouorene (C16.55)	9.850	275506	2.343 ug/ml
9) T Phenanthrene (C19.36)	11.268	249620	2.183 ug/ml
10) T Anthracene (C19.43)	11.346	280297	2.307 ug/ml
12) T Fluoranthene (C21.85)	13.099	306451	2.426 ug/ml
13) T Pyrene (C20.8)	13.397	296483	2.303 ug/ml
14) T Benzo[a]anthracene (C...	15.303	169539	1.871 ug/ml
15) T Chrysene (C27.41)	15.343	413551	2.916 ug/ml
16) T benzo[b]fluoranthene ...	16.870	186081	1.887 ug/ml
17) T Bnezo[k]fluoranthene ...	16.901	373935	2.853 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.263	213558	2.151 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.649	189738	2.144 ug/ml
20) T Dibenz[a,h]anthracene...	18.686	363005	2.720 ug/ml
21) T Benzo[g,h,i]perylene ...	18.894	257528	2.234 ug/ml

(f)=RT Delta > 1/2 Window

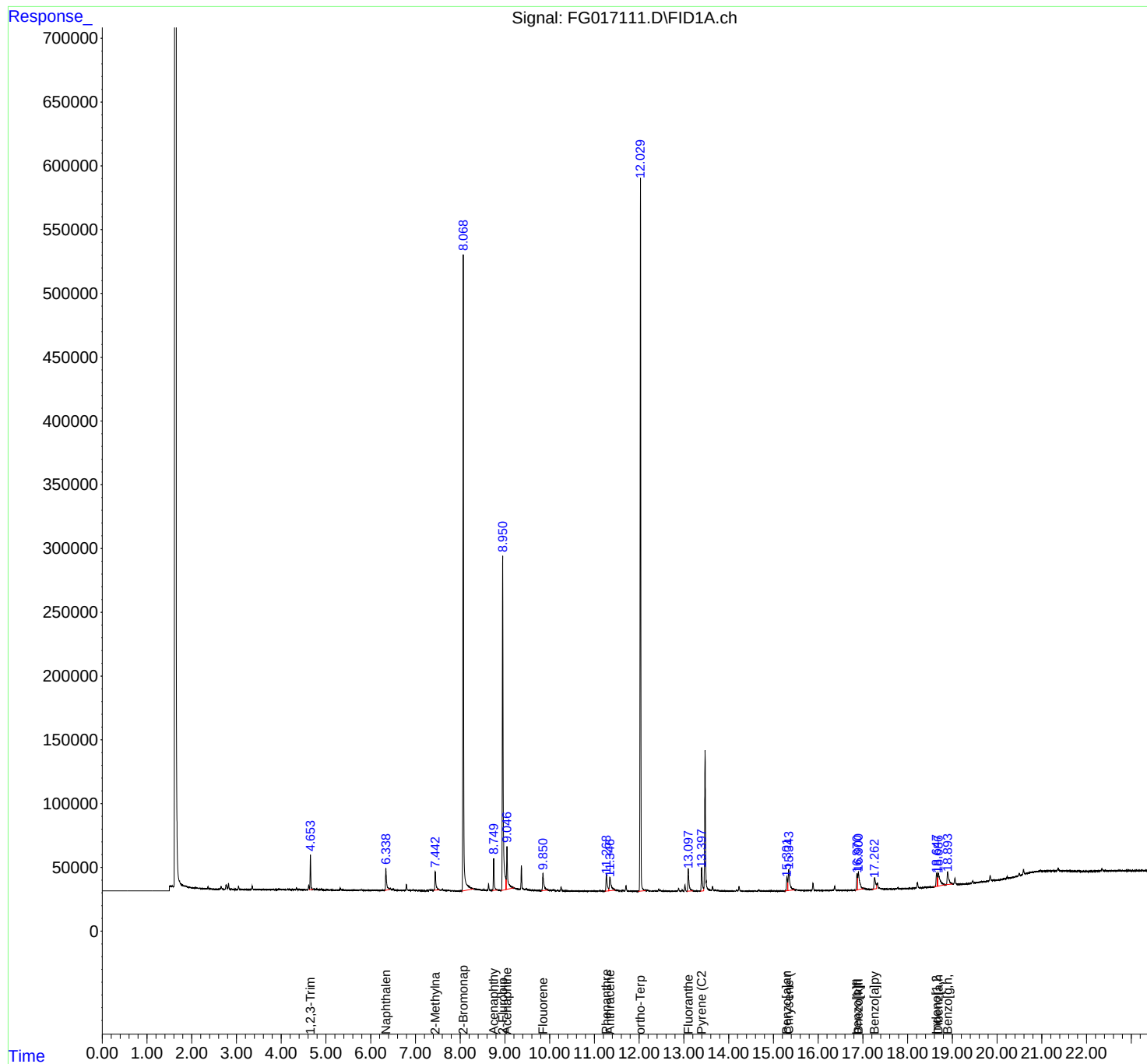
(m)=manual int.

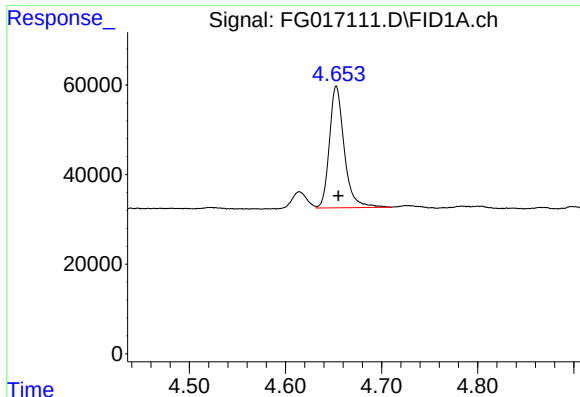
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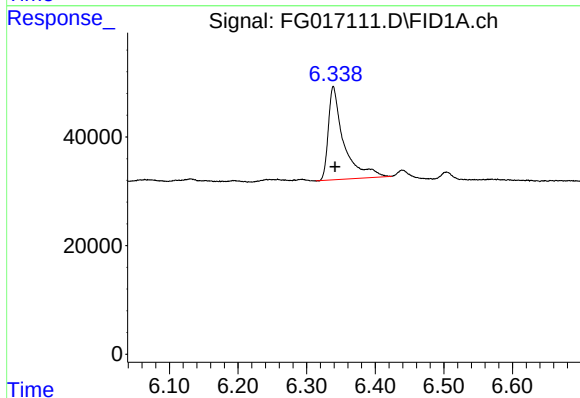




#1 1,2,3-Trimethylbenzene (C10.1)

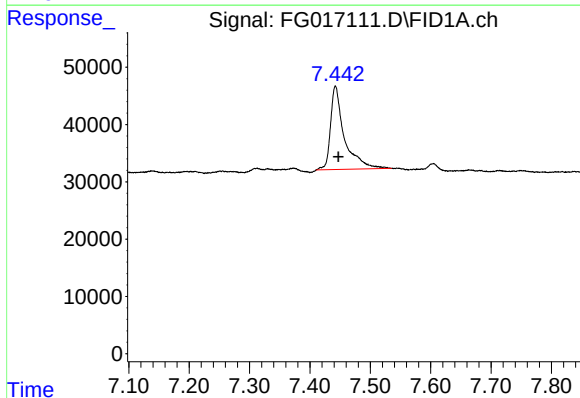
R.T.: 4.653 min
Delta R.T.: -0.002 min
Response: 290543
Conc: 2.20 ug/ml

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



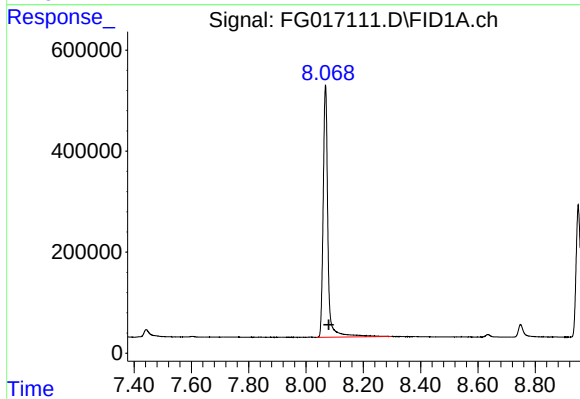
#2 Naphthalene (C11.7)

R.T.: 6.339 min
Delta R.T.: -0.002 min
Response: 267634
Conc: 2.19 ug/ml



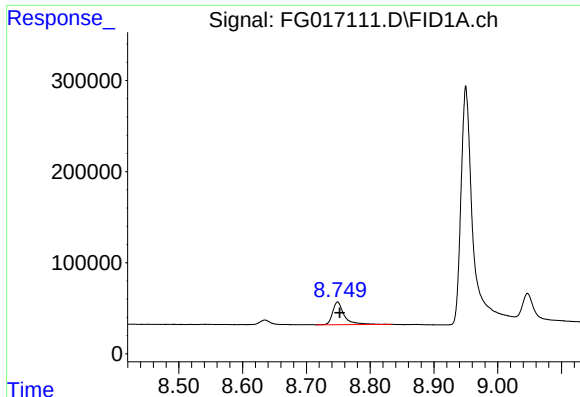
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.443 min
Delta R.T.: -0.005 min
Response: 232491
Conc: 2.05 ug/ml



#4 2-Bromonaphthalene (SURR)

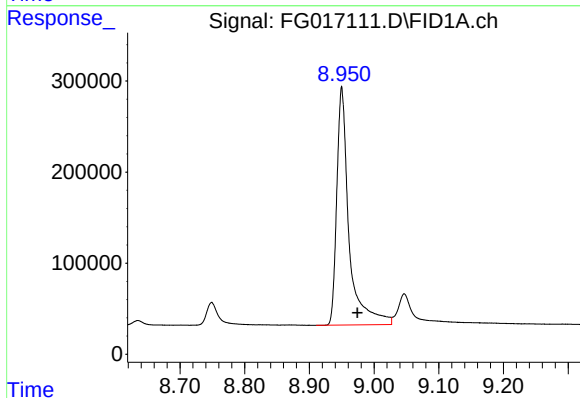
R.T.: 8.068 min
Delta R.T.: -0.011 min
Response: 5708420
Conc: 61.32 ug/ml



#5 Acenaphthylene (C15.06)

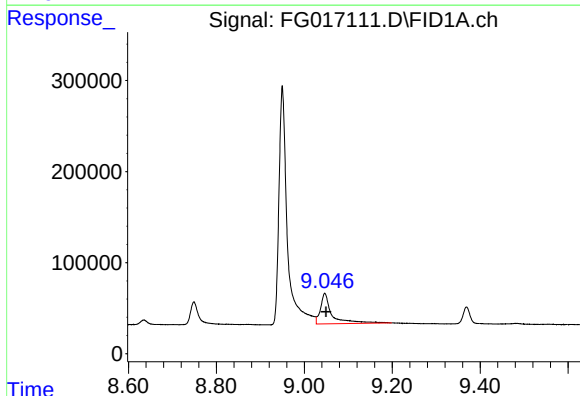
R.T.: 8.749 min
Delta R.T.: -0.003 min
Response: 315148
Conc: 2.63 ug/ml

Instrument :
FID_G
ClientSampleId :
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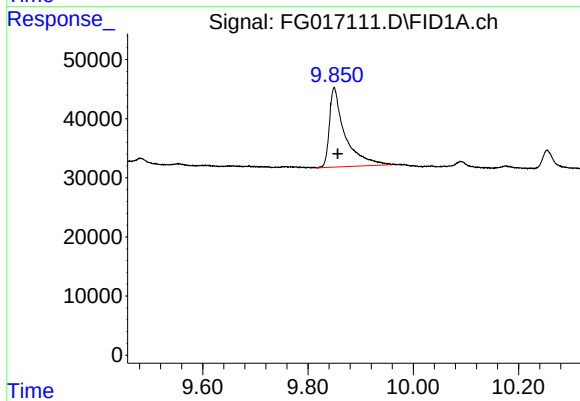
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.950 min
Delta R.T.: -0.024 min
Response: 3447564
Conc: 61.29 ug/ml



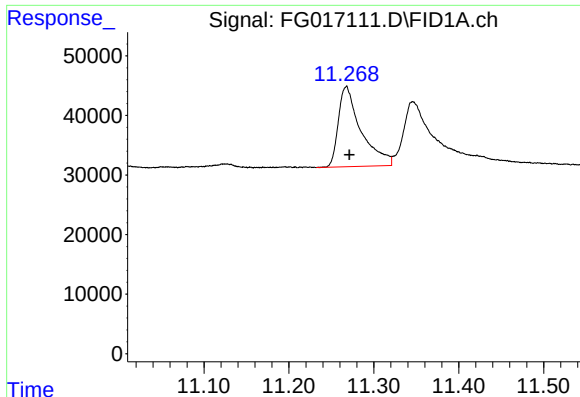
#7 Acenaphthene (C15.5)

R.T.: 9.047 min
Delta R.T.: -0.003 min
Response: 608189
Conc: 4.56 ug/ml



#8 Fluorene (C16.55)

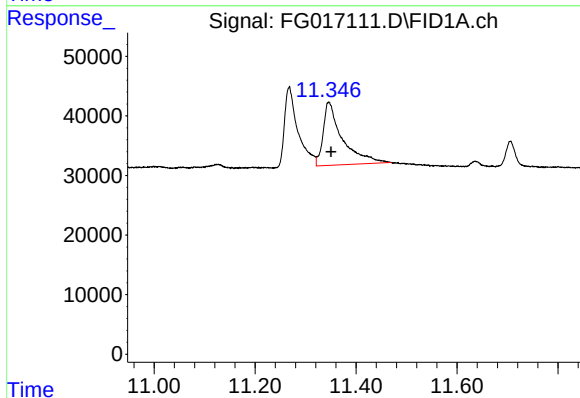
R.T.: 9.850 min
Delta R.T.: -0.007 min
Response: 275506
Conc: 2.34 ug/ml



#9 Phenanthrene (C19.36)

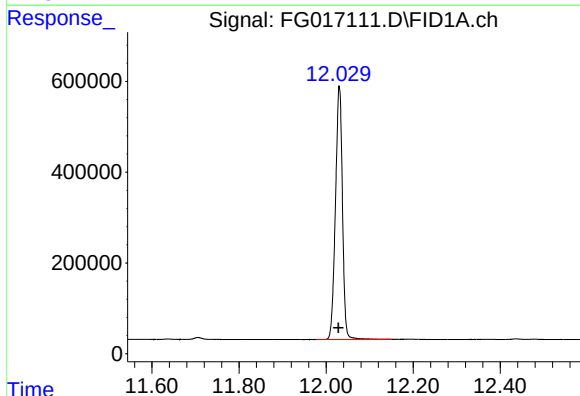
R.T.: 11.268 min
Delta R.T.: -0.003 min
Response: 249620
Conc: 2.18 ug/ml

Instrument :
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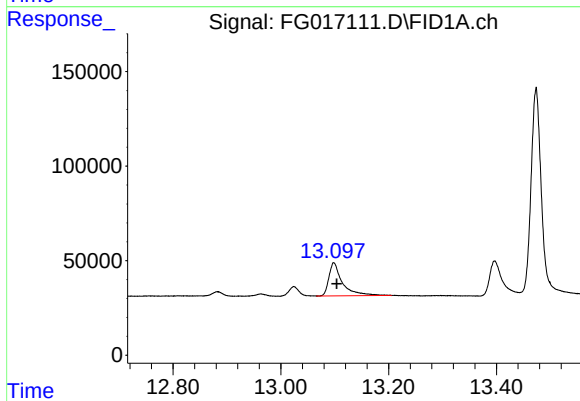
#10 Anthracene (C19.43)

R.T.: 11.346 min
Delta R.T.: -0.004 min
Response: 280297
Conc: 2.31 ug/ml



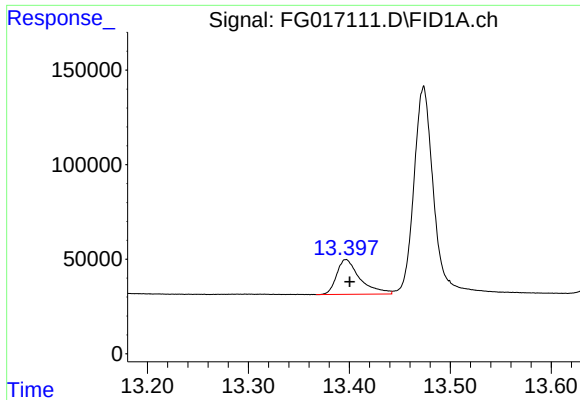
#11 ortho-Terphenyl (SURR)

R.T.: 12.030 min
Delta R.T.: 0.002 min
Response: 6209880
Conc: 43.62 ug/ml



#12 Fluoranthene (C21.85)

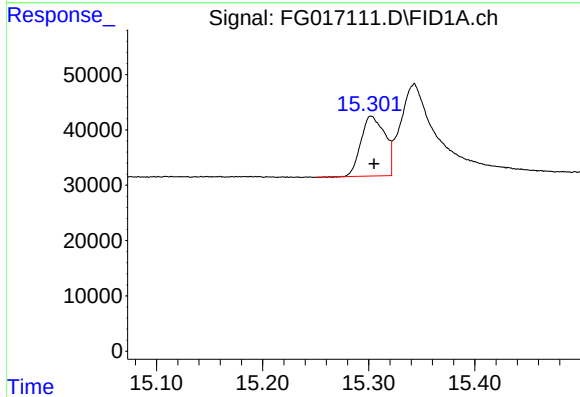
R.T.: 13.099 min
Delta R.T.: -0.005 min
Response: 306451
Conc: 2.43 ug/ml



#13 Pyrene (C20.8)

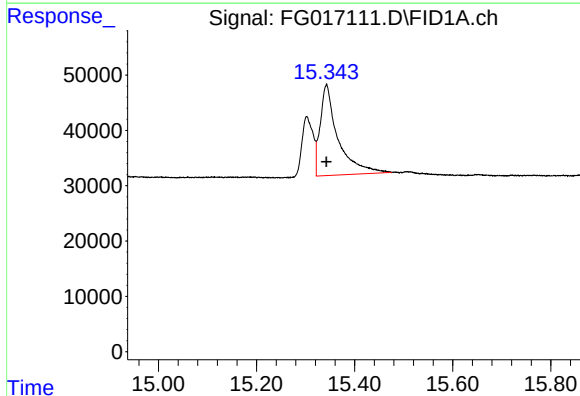
R.T.: 13.397 min
Delta R.T.: -0.004 min
Response: 296483
Conc: 2.30 ug/ml

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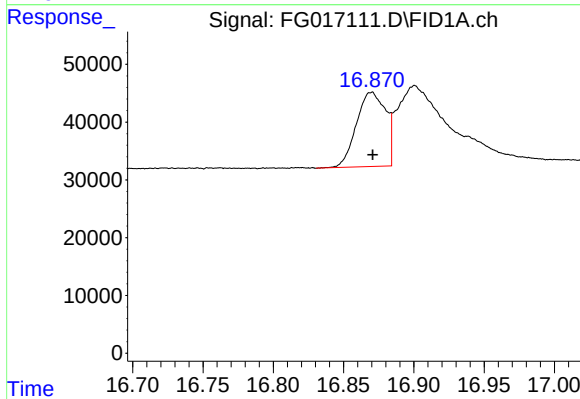
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.303 min
Delta R.T.: -0.002 min
Response: 169539
Conc: 1.87 ug/ml



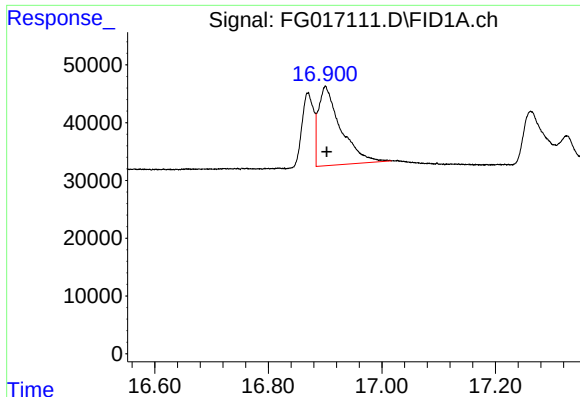
#15 Chrysene (C27.41)

R.T.: 15.343 min
Delta R.T.: 0.000 min
Response: 413551
Conc: 2.92 ug/ml



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

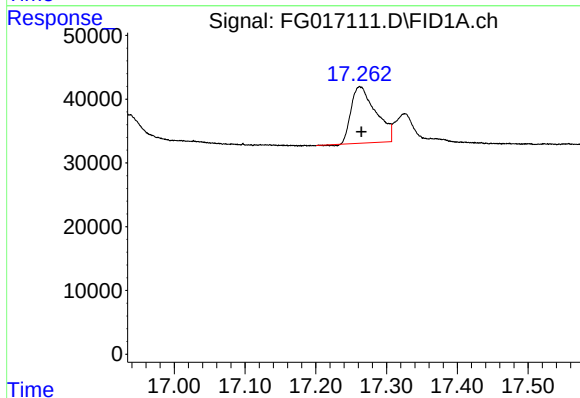
R.T.: 16.870 min
Delta R.T.: 0.000 min
Response: 186081
Conc: 1.89 ug/ml



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

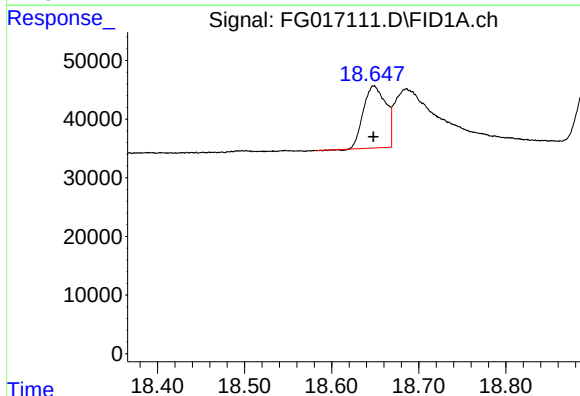
R.T.: 16.901 min
Delta R.T.: -0.002 min
Response: 373935
Conc: 2.85 ug/ml

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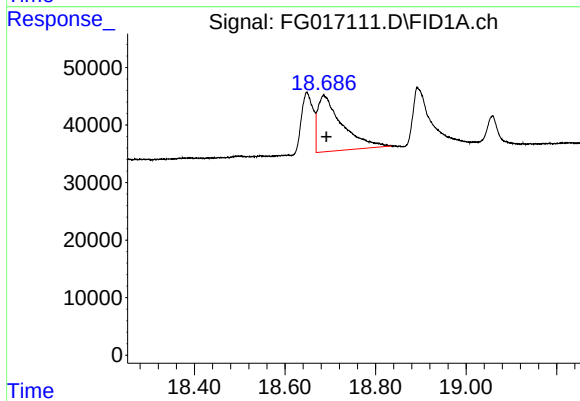
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.263 min
Delta R.T.: -0.002 min
Response: 213558
Conc: 2.15 ug/ml



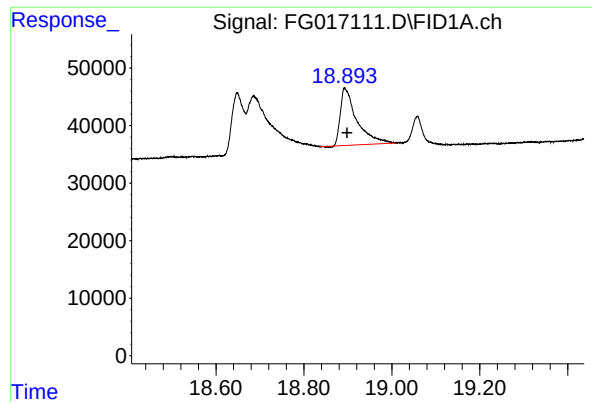
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.649 min
Delta R.T.: 0.000 min
Response: 189738
Conc: 2.14 ug/ml



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

R.T.: 18.686 min
Delta R.T.: -0.006 min
Response: 363005
Conc: 2.72 ug/ml



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

R.T.: 18.894 min
Delta R.T.: -0.004 min
Response: 257528
Conc: 2.23 ug/ml

Instrument :
FID_G
ClientSampleId :
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