

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120825AR\
 Data File : FG017130.D
 Signal(s) : FID1A.ch
 Acq On : 08 Dec 2025 16:22
 Operator : YP\AJ
 Sample : Q3530-07
 Misc : 2.5PPM WATER LOD
 ALS Vial : 37 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 09 00:57:05 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...	8.065	5313773	57.078 ug/ml
Spiked Amount 50.000		Recovery =	114.16%
6) S 2-Fluorobiphenyl (SURR)	8.947	3189809	56.705 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.41%
11) S ortho-Terphenyl (SURR)	12.026	5565384	39.095 ug/ml
Spiked Amount 50.000		Recovery =	78.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.651	262866	1.988 ug/ml
2) T Naphthalene (C11.7)	6.338	223831	1.830 ug/ml
3) T 2-Methylnaphthalene (...)	7.441	220936	1.951 ug/ml
5) T Acenaphthylene (C15.06)	8.746	296639	2.472 ug/ml
7) T Acenaphthene (C15.5)	9.044	685839	5.145 ug/ml
8) T Flouorene (C16.55)	9.848	266305	2.265 ug/ml
9) T Phenanthrene (C19.36)	11.266	222761	1.948 ug/ml
10) T Anthracene (C19.43)	11.346	286568	2.359 ug/ml
12) T Fluoranthene (C21.85)	13.096	278927	2.208 ug/ml
13) T Pyrene (C20.8)	13.394	257571	2.001 ug/ml
14) T Benzo[a]anthracene (C...	15.303	137417	1.517 ug/ml
15) T Chrysene (C27.41)	15.341	401931	2.835 ug/ml
16) T benzo[b]fluoranthene ...	16.869	171068	1.735 ug/ml
17) T Bnezo[k]fluoranthene ...	16.900	371792	2.837 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.261	180489	1.818 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.646	192512	2.175 ug/ml
20) T Dibenz[a,h]anthracene...	18.689	397189	2.976 ug/ml
21) T Benzo[g,h,i]perylene ...	18.893	305555	2.650 ug/ml

(f)=RT Delta > 1/2 Window

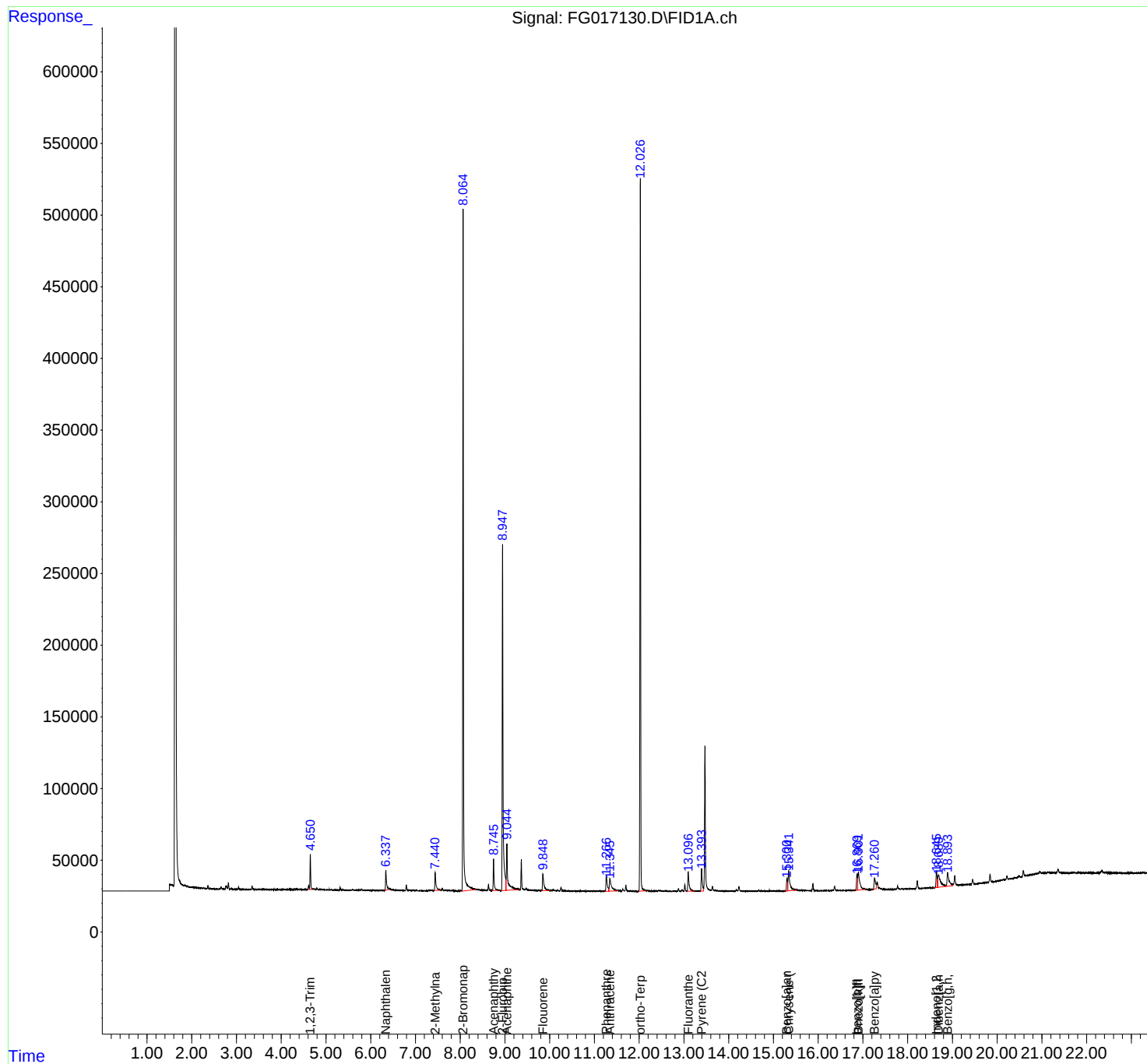
(m)=manual int.

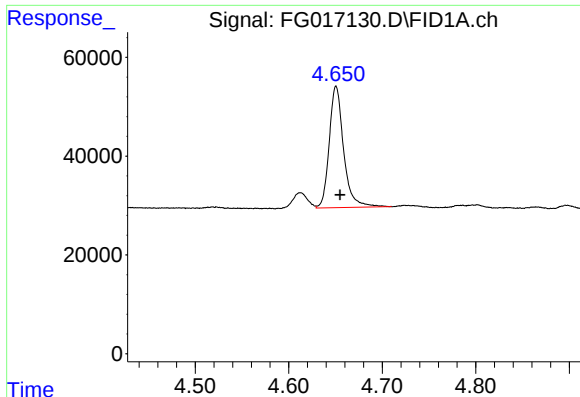
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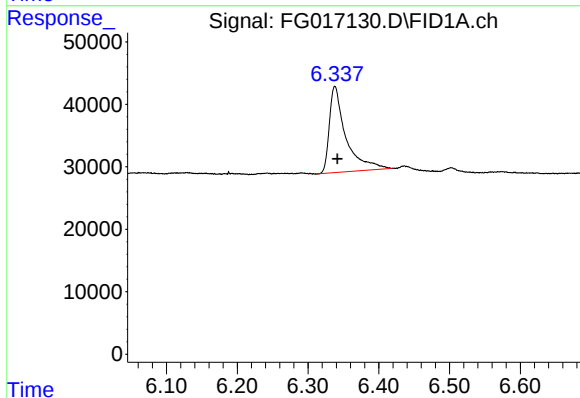




#1 1,2,3-Trimethylbenzene (C10.1)

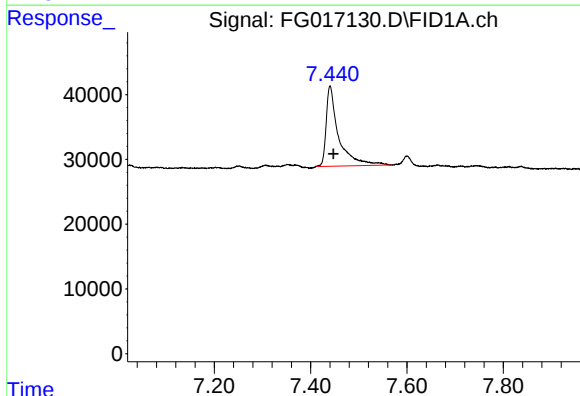
R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 262866
Conc: 1.99 ug/ml

Instrument :
FID_G
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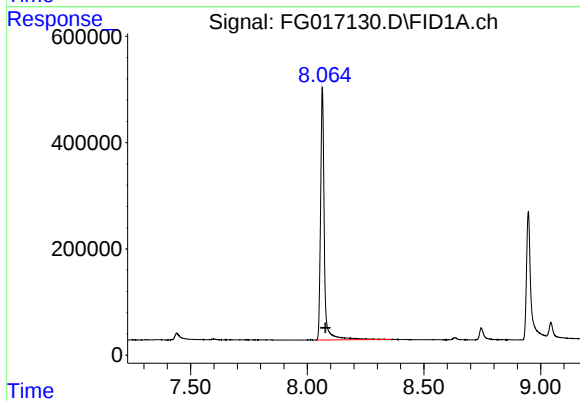
#2 Naphthalene (C11.7)

R.T.: 6.338 min
Delta R.T.: -0.003 min
Response: 223831
Conc: 1.83 ug/ml



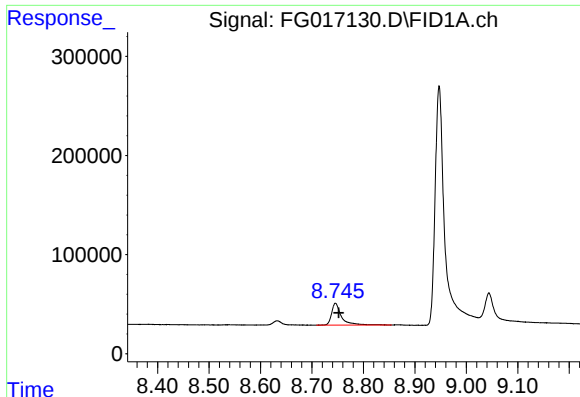
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.441 min
Delta R.T.: -0.006 min
Response: 220936
Conc: 1.95 ug/ml



#4 2-Bromonaphthalene (SURR)

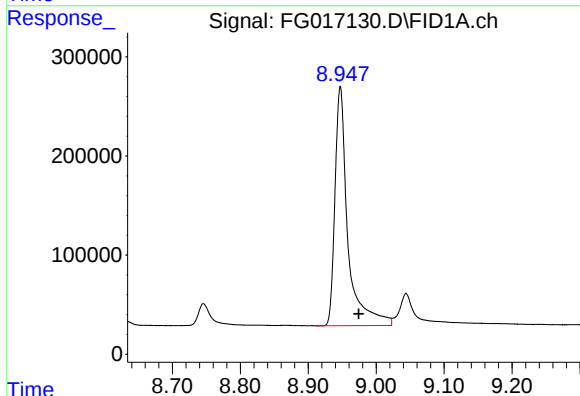
R.T.: 8.065 min
Delta R.T.: -0.014 min
Response: 5313773
Conc: 57.08 ug/ml



#5 Acenaphthylene (C15.06)

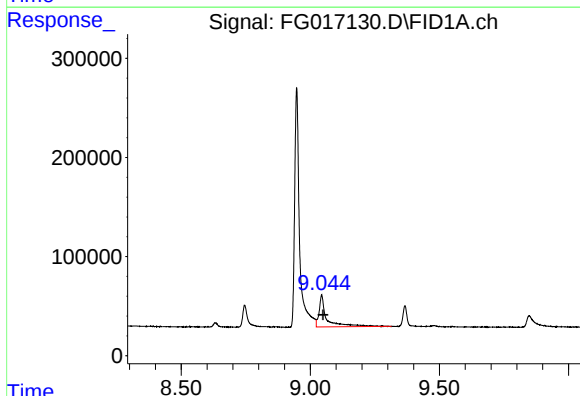
R.T.: 8.746 min
Delta R.T.: -0.006 min
Response: 296639
Conc: 2.47 ug/ml

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



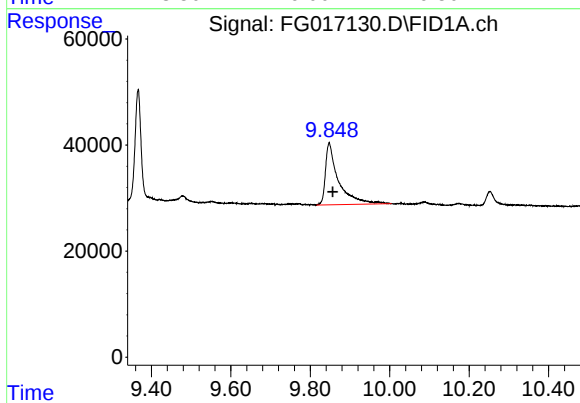
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.947 min
Delta R.T.: -0.027 min
Response: 3189809
Conc: 56.71 ug/ml



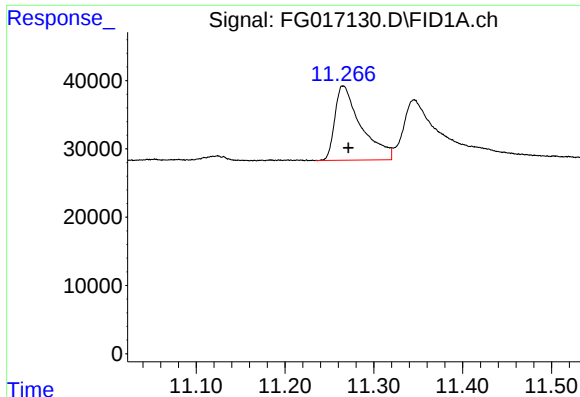
#7 Acenaphthene (C15.5)

R.T.: 9.044 min
Delta R.T.: -0.006 min
Response: 685839
Conc: 5.14 ug/ml



#8 Fluorene (C16.55)

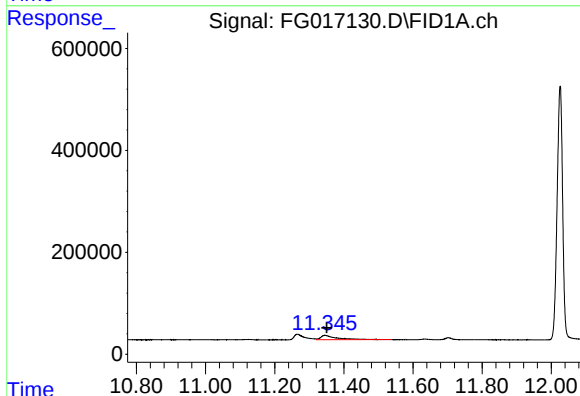
R.T.: 9.848 min
Delta R.T.: -0.009 min
Response: 266305
Conc: 2.27 ug/ml



#9 Phenanthrene (C19.36)

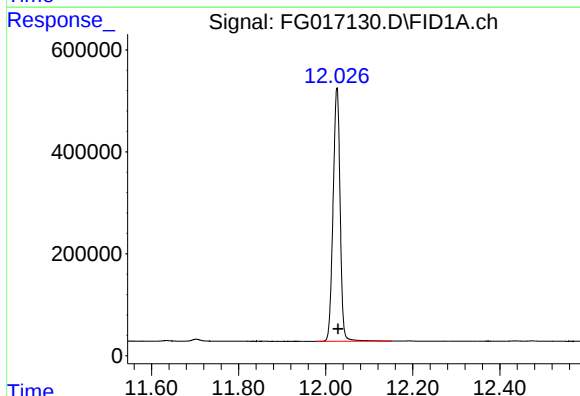
R.T.: 11.266 min
Delta R.T.: -0.005 min
Response: 222761
Conc: 1.95 ug/ml

Instrument :
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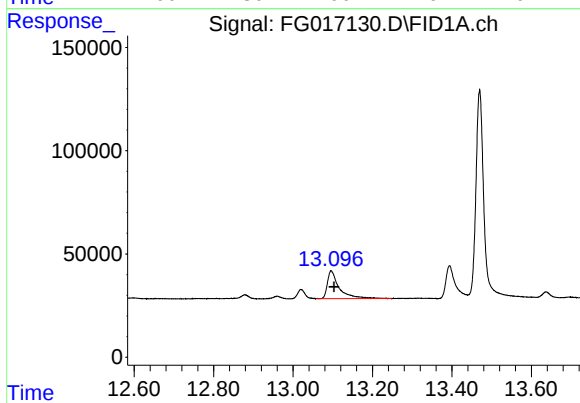
#10 Anthracene (C19.43)

R.T.: 11.346 min
Delta R.T.: -0.005 min
Response: 286568
Conc: 2.36 ug/ml



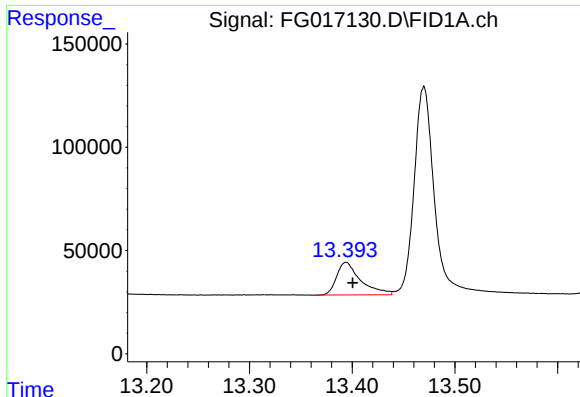
#11 ortho-Terphenyl (SURR)

R.T.: 12.026 min
Delta R.T.: -0.003 min
Response: 5565384
Conc: 39.09 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.096 min
Delta R.T.: -0.007 min
Response: 278927
Conc: 2.21 ug/ml



#13 Pyrene (C20.8)

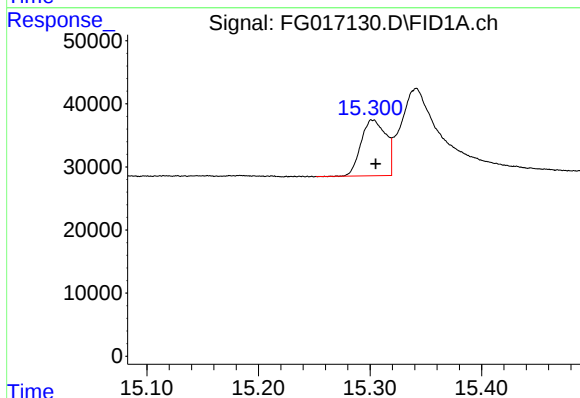
R.T.: 13.394 min
Delta R.T.: -0.006 min
Response: 257571
Conc: 2.00 ug/ml

Instrument :

FID_G

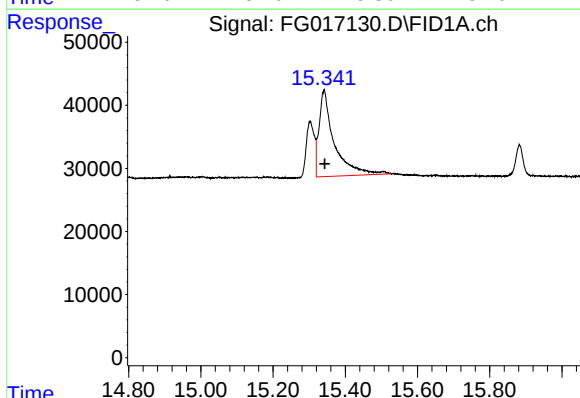
ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



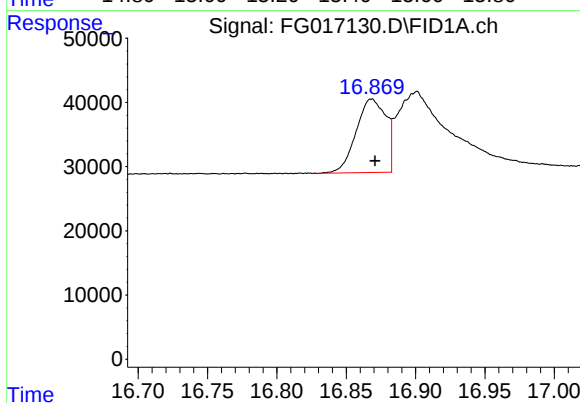
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.303 min
Delta R.T.: -0.002 min
Response: 137417
Conc: 1.52 ug/ml



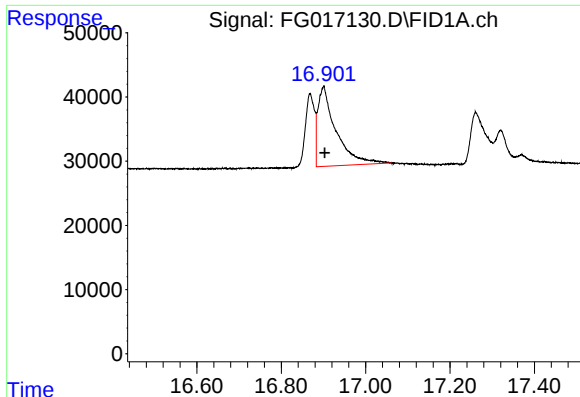
#15 Chrysene (C27.41)

R.T.: 15.341 min
Delta R.T.: -0.002 min
Response: 401931
Conc: 2.83 ug/ml



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

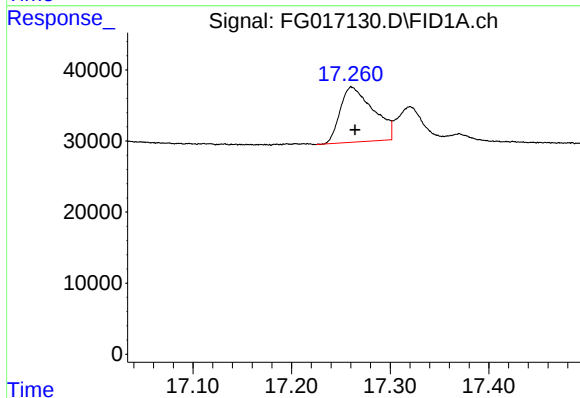
R.T.: 16.869 min
Delta R.T.: -0.002 min
Response: 171068
Conc: 1.74 ug/ml



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

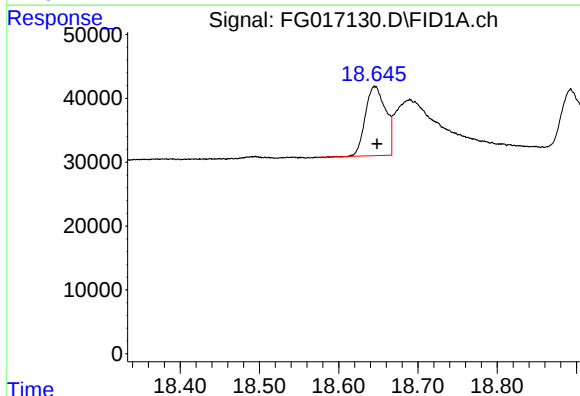
R.T.: 16.900 min
Delta R.T.: -0.002 min
Response: 371792
Conc: 2.84 ug/ml

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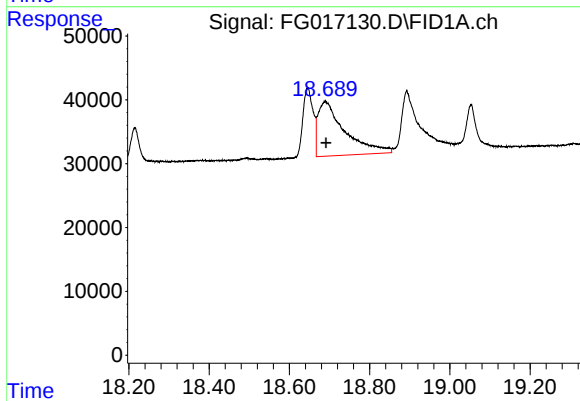
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.261 min
Delta R.T.: -0.003 min
Response: 180489
Conc: 1.82 ug/ml



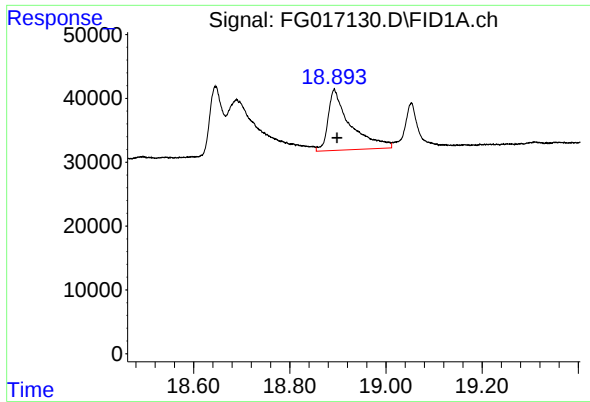
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.646 min
Delta R.T.: -0.002 min
Response: 192512
Conc: 2.17 ug/ml



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

R.T.: 18.689 min
Delta R.T.: -0.002 min
Response: 397189
Conc: 2.98 ug/ml



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

R.T.: 18.893 min
Delta R.T.: -0.005 min
Response: 305555
Conc: 2.65 ug/ml

Instrument :
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