

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080724AR\
 Data File : FG014082.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2024 12:29
 Operator : YP\AJ
 Sample : P3390-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 08 04:42:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 080624.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 17:31:37 2024
 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...	7.894	6989387	62.300 ug/ml
Spiked Amount 50.000		Recovery =	124.60%
6) S 2-Fluorobiphenyl (SURR)	8.766	4534875	60.387 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	120.77%
11) S ortho-Terphenyl (SURR)	11.837	7051022	53.302 ug/ml
Spiked Amount 50.000		Recovery =	106.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	442297	3.423 ug/ml
2) T Naphthalene (C11.7)	6.165	482611	3.629 ug/ml
3) T 2-Methylnaphthalene (...)	7.263	509925	3.854 ug/ml
5) T Acenaphthylene (C15.06)	8.564	502328	3.796 ug/ml
7) T Acenaphthene (C15.5)	8.863	560512	4.144 ug/ml
8) T Fluorene (C16.55)	9.655	505339	3.931 ug/ml
9) T Phenanthrene (C19.36)	11.061	467527	3.751 ug/ml
10) T Anthracene (C19.43)	11.137	462167	3.675 ug/ml
12) T Fluoranthene (C21.85)	12.883	536796	4.207 ug/ml
13) T Pyrene (C20.8)	13.181	533791	4.197 ug/ml
14) T Benzo[a]anthracene (C...	15.065	465846	3.998 ug/ml
15) T Chrysene (C27.41)	15.106	693465	5.085 ug/ml
16) T benzo[b]fluoranthene ...	16.624	470921	3.809 ug/ml
17) T Bnezo[k]fluoranthene ...	16.655	612764	4.584 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.007	469032	3.719 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.382	384891	3.759 ug/ml
20) T Dibenz[a,h]anthracene...	18.424	650838	4.265 ug/ml
21) T Benzo[g,h,i]perylene ...	18.633	528272	3.806 ug/ml

(f)=RT Delta > 1/2 Window

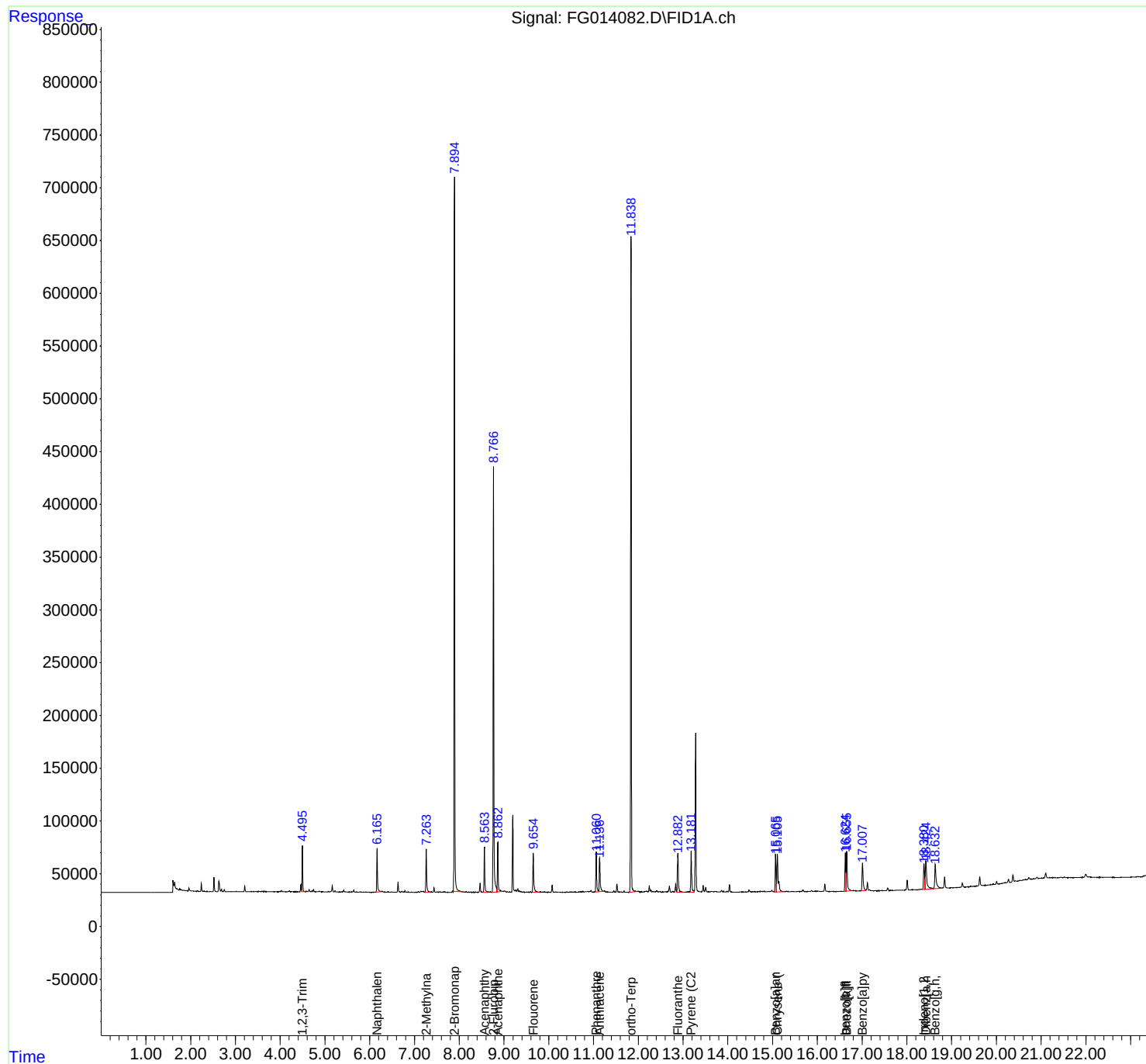
(m)=manual int.

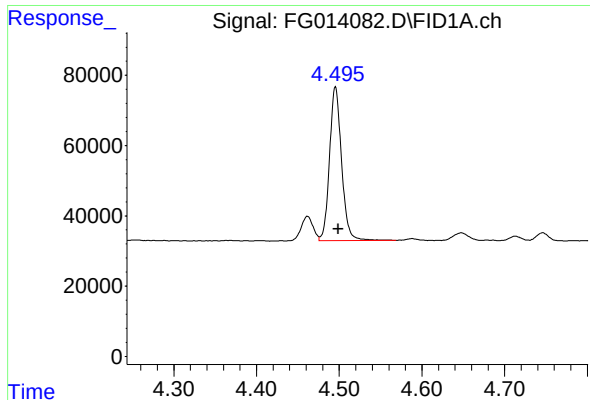
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#1 1,2,3-Trimethylbenzene (C10.1)

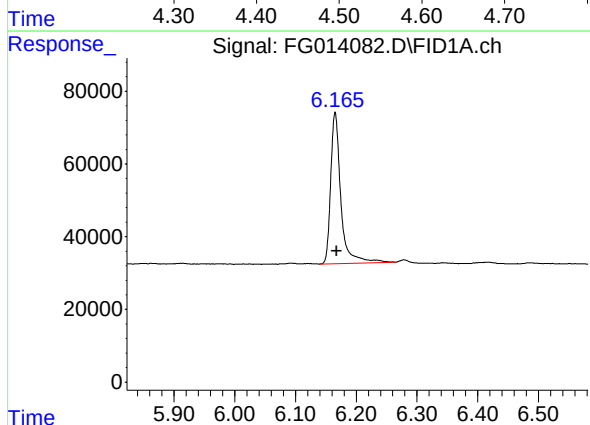
R.T.: 4.496 min
Delta R.T.: -0.003 min
Response: 442297
Conc: 3.42 ug/ml

Instrument :

FID_G

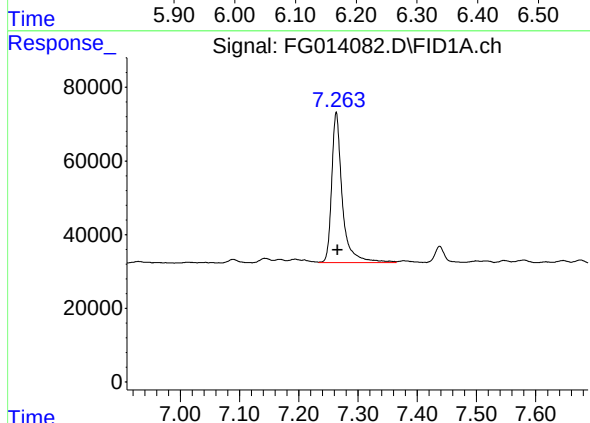
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



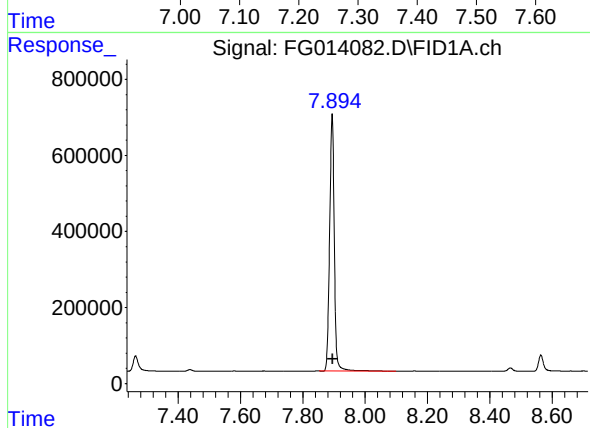
#2 Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.003 min
Response: 482611
Conc: 3.63 ug/ml



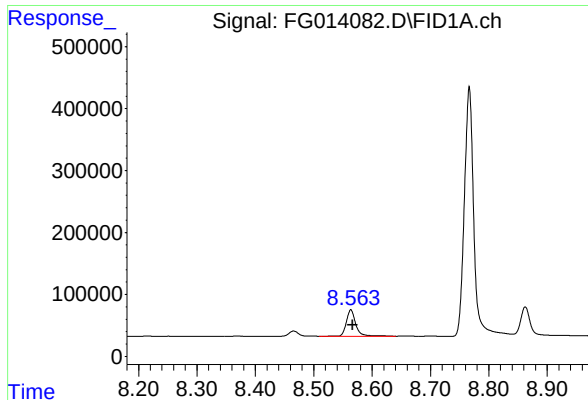
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: -0.002 min
Response: 509925
Conc: 3.85 ug/ml



#4 2-Bromonaphthalene (SURR)

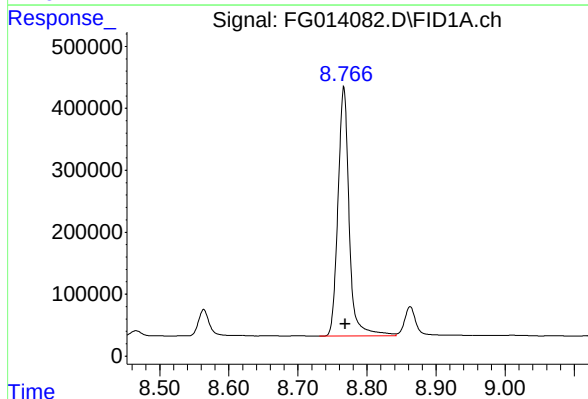
R.T.: 7.894 min
Delta R.T.: -0.001 min
Response: 6989387
Conc: 62.30 ug/ml



#5 Acenaphthylene (C15.06)

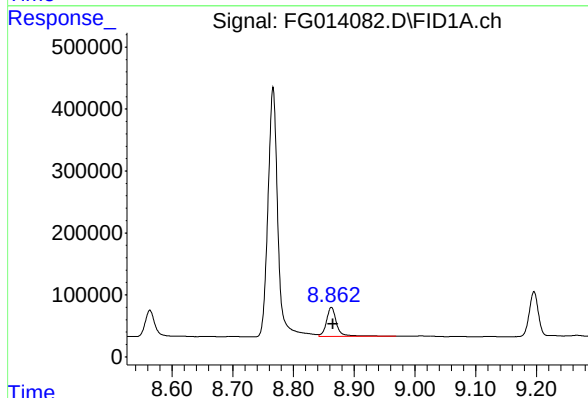
R.T.: 8.564 min
Delta R.T.: -0.003 min
Response: 502328
Conc: 3.80 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



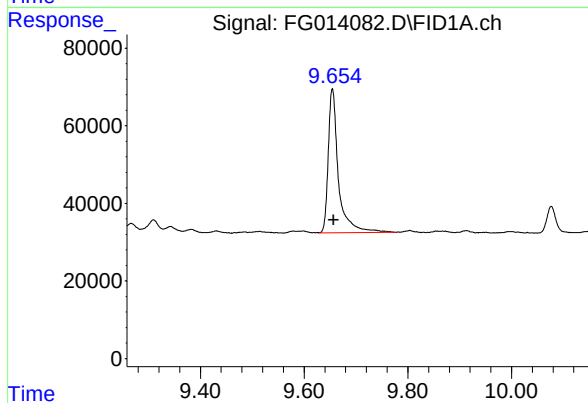
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.766 min
Delta R.T.: -0.003 min
Response: 4534875
Conc: 60.39 ug/ml



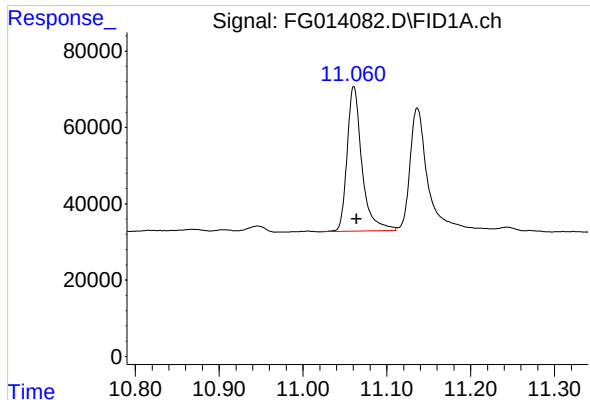
#7 Acenaphthene (C15.5)

R.T.: 8.863 min
Delta R.T.: -0.002 min
Response: 560512
Conc: 4.14 ug/ml



#8 Flouorene (C16.55)

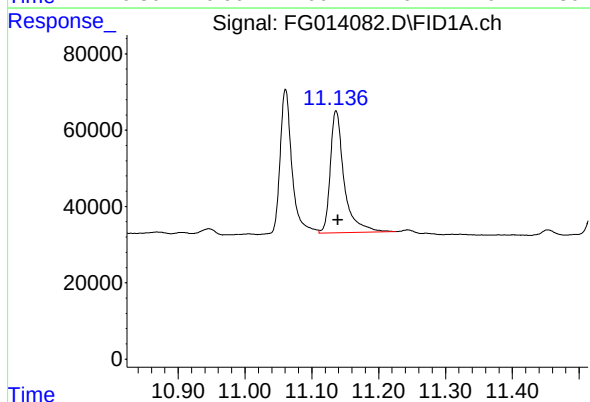
R.T.: 9.655 min
Delta R.T.: -0.002 min
Response: 505339
Conc: 3.93 ug/ml



#9 Phenanthrene (C19.36)

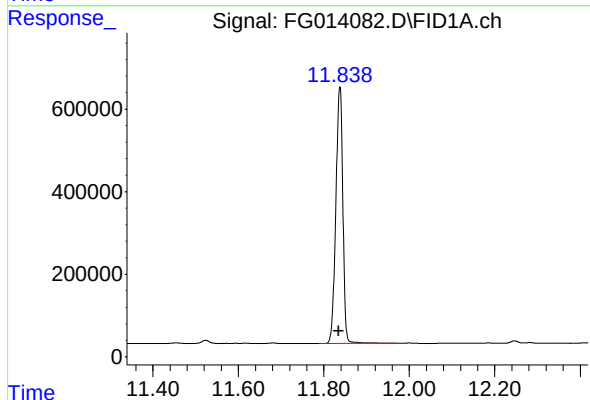
R.T.: 11.061 min
Delta R.T.: -0.003 min
Response: 467527
Conc: 3.75 ug/ml

Instrument :
FID_G
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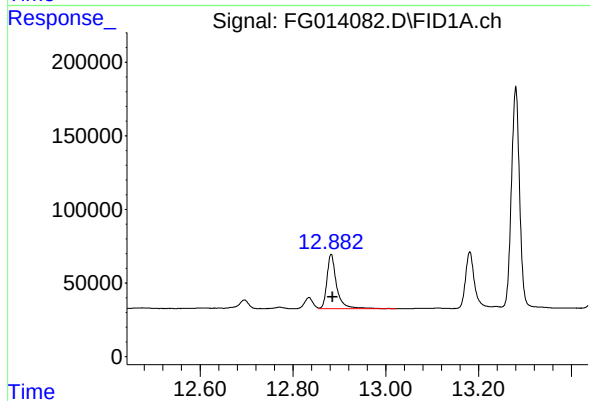
#10 Anthracene (C19.43)

R.T.: 11.137 min
Delta R.T.: -0.003 min
Response: 462167
Conc: 3.67 ug/ml



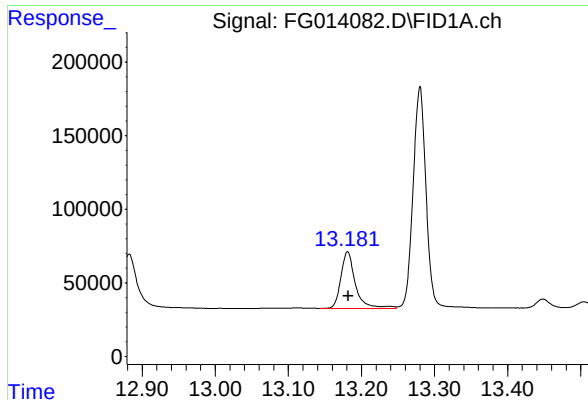
#11 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: 0.003 min
Response: 7051022
Conc: 53.30 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.883 min
Delta R.T.: -0.003 min
Response: 536796
Conc: 4.21 ug/ml



#13 Pyrene (C20.8)

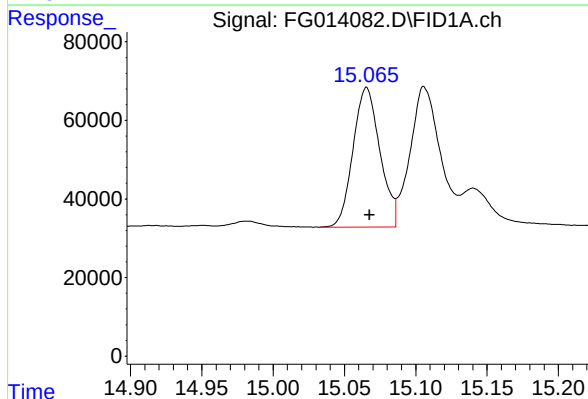
R.T.: 13.181 min
Delta R.T.: -0.001 min
Response: 533791
Conc: 4.20 ug/ml

Instrument :

FID_G

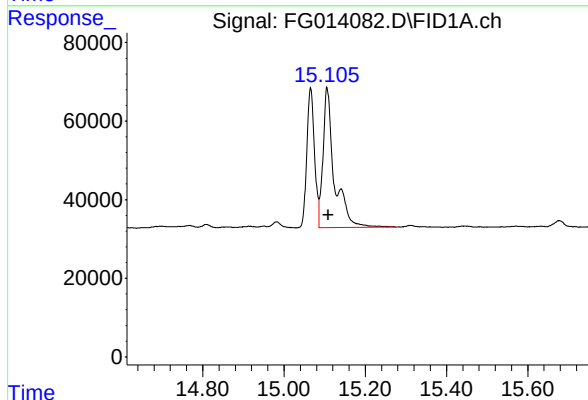
ClientSampleId :

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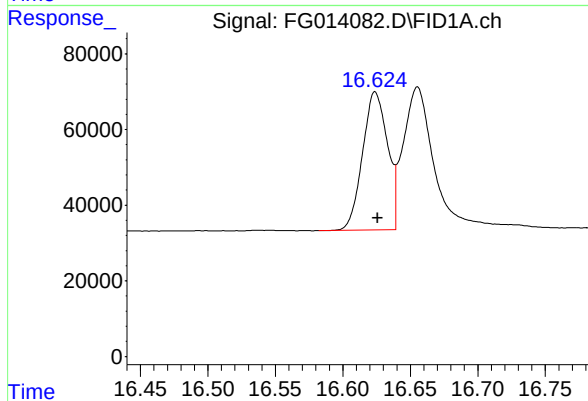
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.065 min
Delta R.T.: -0.002 min
Response: 465846
Conc: 4.00 ug/ml



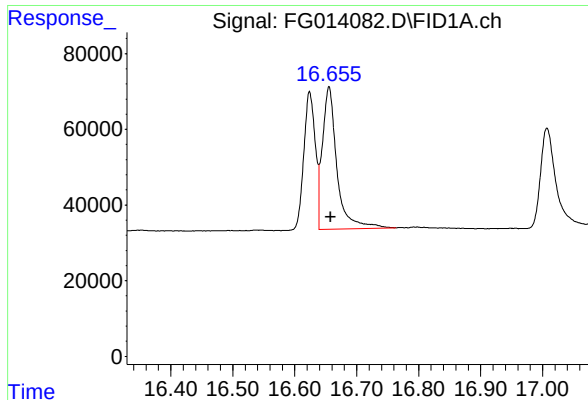
#15 Chrysene (C27.41)

R.T.: 15.106 min
Delta R.T.: -0.003 min
Response: 693465
Conc: 5.08 ug/ml



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

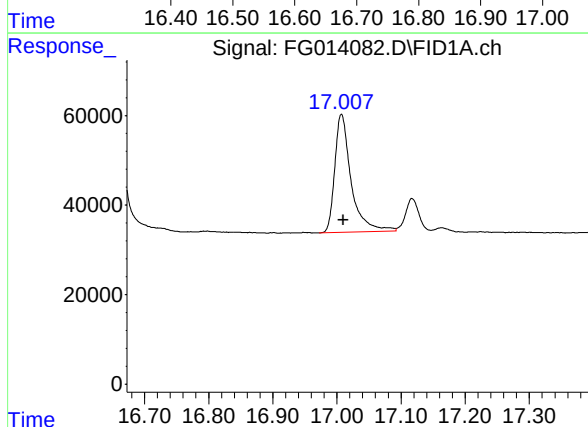
R.T.: 16.624 min
Delta R.T.: -0.002 min
Response: 470921
Conc: 3.81 ug/ml



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

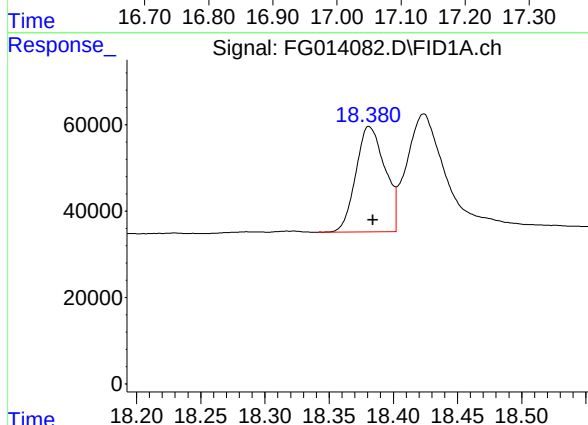
R.T.: 16.655 min
Delta R.T.: -0.002 min
Response: 612764
Conc: 4.58 ug/ml

Instrument :
FID_G
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LOD-MDL-WATER-01-QT3-2024



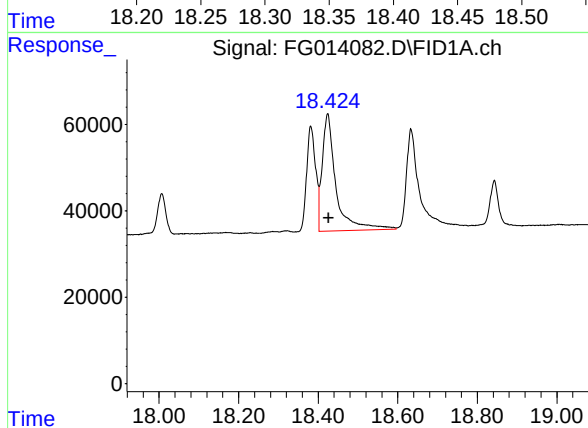
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.007 min
Delta R.T.: -0.003 min
Response: 469032
Conc: 3.72 ug/ml



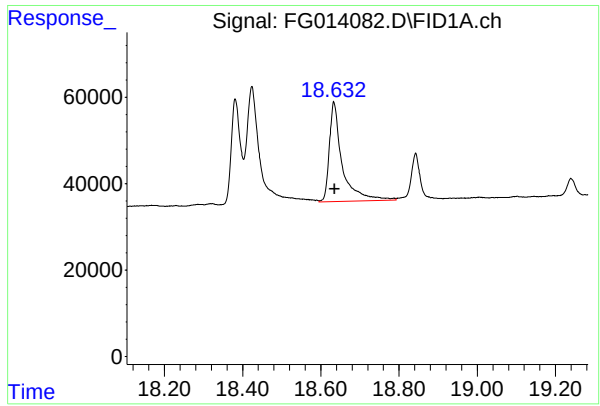
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.382 min
Delta R.T.: -0.002 min
Response: 384891
Conc: 3.76 ug/ml



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

R.T.: 18.424 min
Delta R.T.: -0.002 min
Response: 650838
Conc: 4.26 ug/ml



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

R.T.: 18.633 min
Delta R.T.: -0.002 min
Response: 528272
Conc: 3.81 ug/ml

Instrument :

FID_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024