

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073124AR\
 Data File : FD048103.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 21:17
 Operator : YP/AJ
 Sample : P3390-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 66 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 01 04:50:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.406	7533708	50.689 ug/ml
Spiked Amount 50.000		Recovery =	101.38%
6) S 2-Fluorobiphenyl (SURR)	8.257	4871597	51.475 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.95%
11) S ortho-Terphenyl (SURR)	11.296	7824813	46.766 ug/ml
Spiked Amount 50.000		Recovery =	93.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	504340	3.012 ug/ml
2) T Naphthalene (C11.7)	5.746	553487	3.203 ug/ml
3) T 2-Methylnaphthalene (...)	6.792	582602	3.358 ug/ml
5) T Acenaphthylene (C15.06)	8.058	584857	3.413 ug/ml
7) T Acenaphthene (C15.5)	8.352	586689	3.382 ug/ml
8) T Fluorene (C16.55)	9.131	563414	3.469 ug/ml
9) T Phenanthrene (C19.36)	10.519	544445	3.428 ug/ml
10) T Anthracene (C19.43)	10.594	545968	3.458 ug/ml
12) T Fluoranthene (C21.85)	12.323	579340	3.659 ug/ml
13) T Pyrene (C20.8)	12.616	584627	3.697 ug/ml
14) T Benzo[a]anthracene (C...	14.487	485009	3.552 ug/ml
15) T Chrysene (C27.41)	14.527	552292	3.426 ug/ml
16) T benzo[b]fluoranthene ...	16.032	505407	3.511 ug/ml
17) T Bnezo[k]fluoranthene ...	16.063	562547	3.766 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.410	501113	3.538 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.774	471835	4.183 ug/ml
20) T Dibenz[a,h]anthracene...	17.815	604709	4.161 ug/ml
21) T Benzo[g,h,i]perylene ...	18.022	483142	3.278 ug/ml

(f)=RT Delta > 1/2 Window

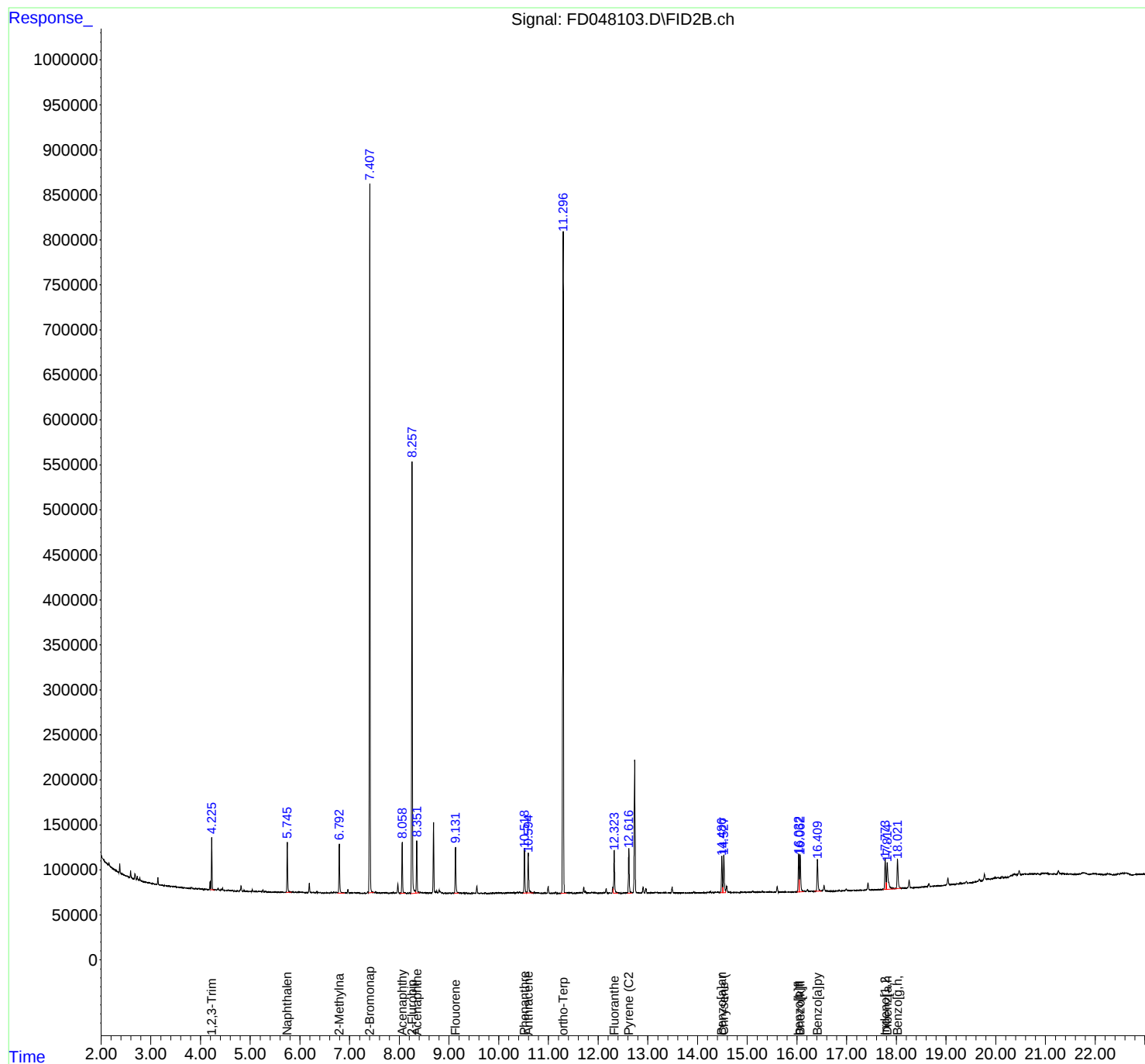
(m)=manual int.

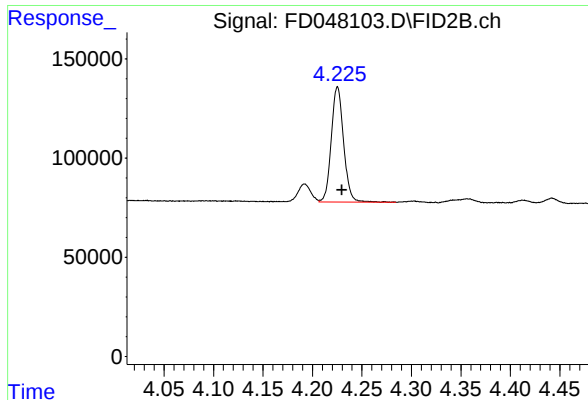
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#1 1,2,3-Trimethylbenzene (C10.1)

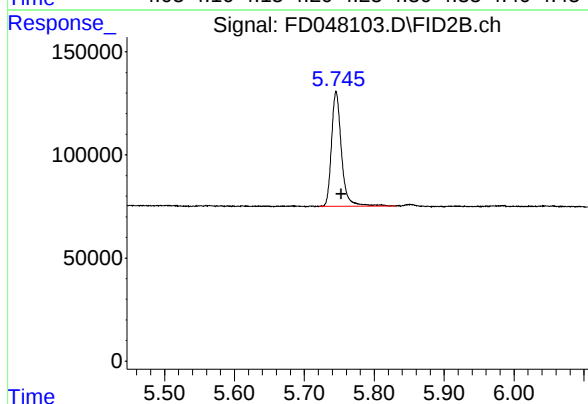
R.T.: 4.225 min
Delta R.T.: -0.005 min
Response: 504340
Conc: 3.01 ug/ml

Instrument :

FID_D

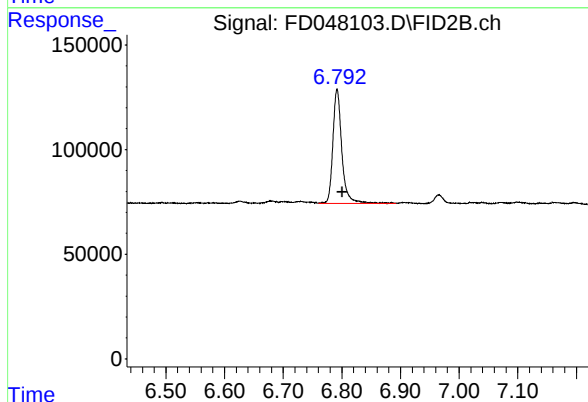
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



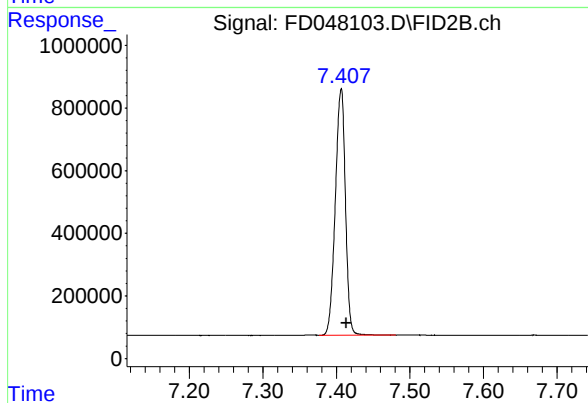
#2 Naphthalene (C11.7)

R.T.: 5.746 min
Delta R.T.: -0.008 min
Response: 553487
Conc: 3.20 ug/ml



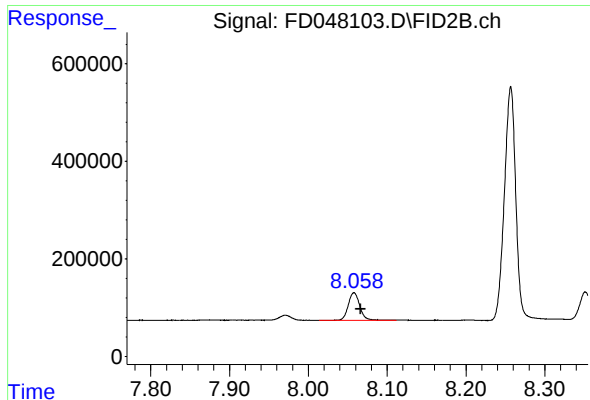
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.792 min
Delta R.T.: -0.009 min
Response: 582602
Conc: 3.36 ug/ml



#4 2-Bromonaphthalene (SURR)

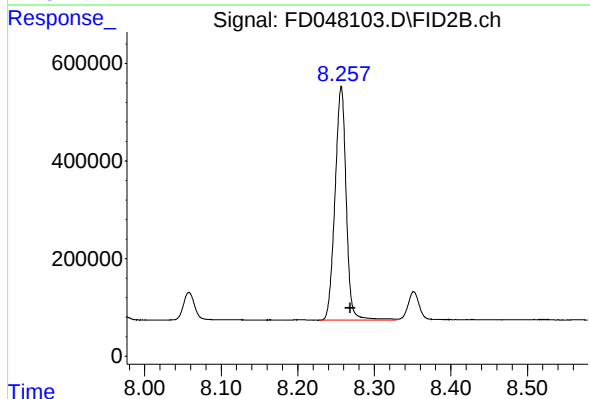
R.T.: 7.406 min
Delta R.T.: -0.007 min
Response: 7533708
Conc: 50.69 ug/ml



#5 Acenaphthylene (C15.06)

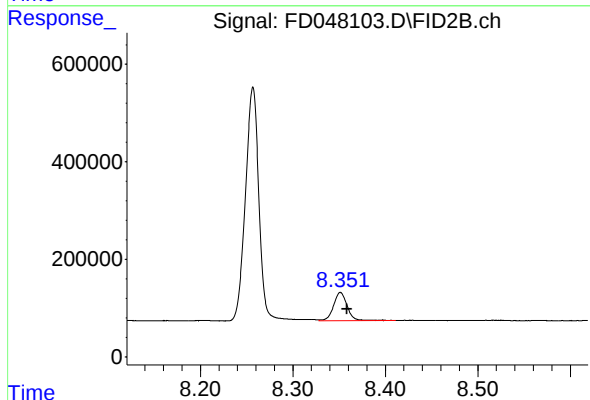
R.T.: 8.058 min
Delta R.T.: -0.008 min
Response: 584857
Conc: 3.41 ug/ml

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



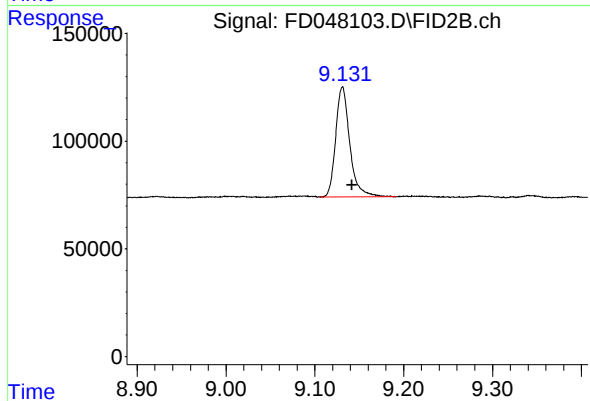
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.257 min
Delta R.T.: -0.012 min
Response: 4871597
Conc: 51.47 ug/ml



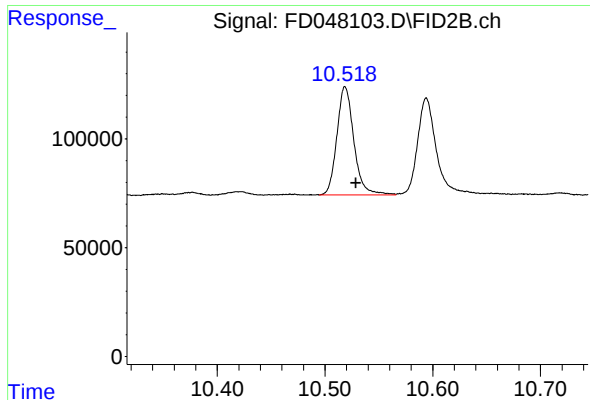
#7 Acenaphthene (C15.5)

R.T.: 8.352 min
Delta R.T.: -0.007 min
Response: 586689
Conc: 3.38 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.131 min
Delta R.T.: -0.011 min
Response: 563414
Conc: 3.47 ug/ml



#9 Phenanthrene (C19.36)

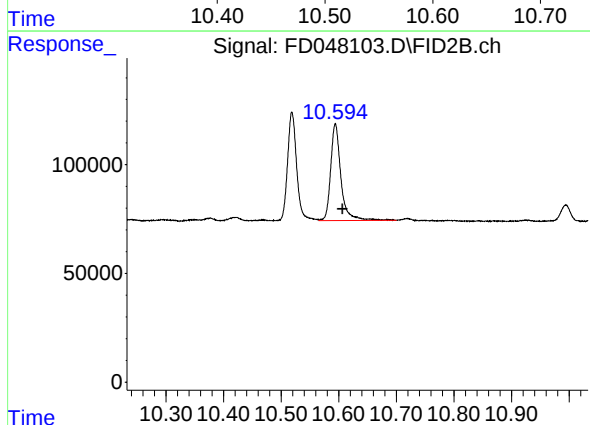
R.T.: 10.519 min
Delta R.T.: -0.010 min
Response: 544445
Conc: 3.43 ug/ml

Instrument :

FID_D

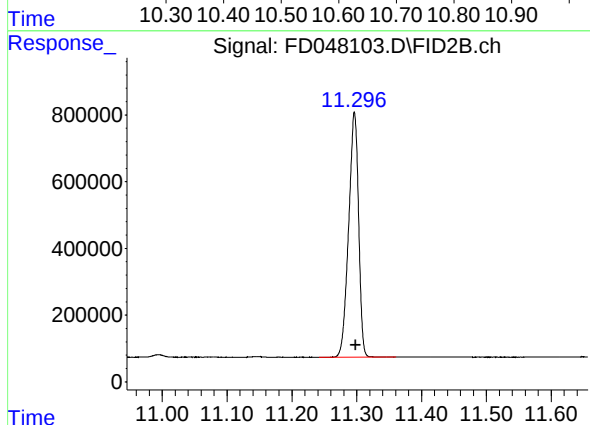
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



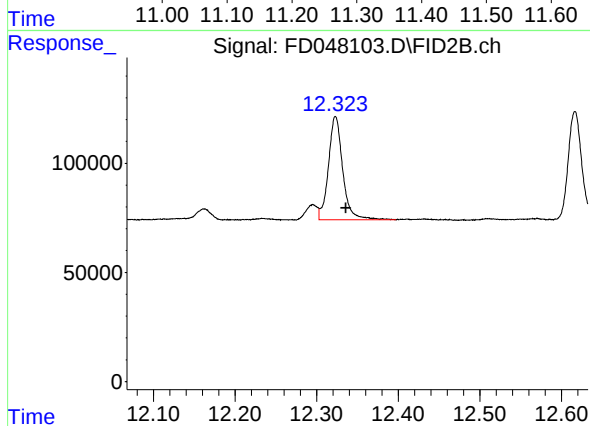
#10 Anthracene (C19.43)

R.T.: 10.594 min
Delta R.T.: -0.013 min
Response: 545968
Conc: 3.46 ug/ml



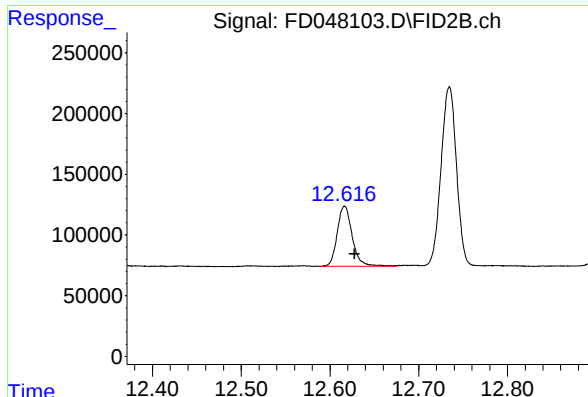
#11 ortho-Terphenyl (SURRE)

R.T.: 11.296 min
Delta R.T.: -0.002 min
Response: 7824813
Conc: 46.77 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.323 min
Delta R.T.: -0.013 min
Response: 579340
Conc: 3.66 ug/ml



#13 Pyrene (C20.8)

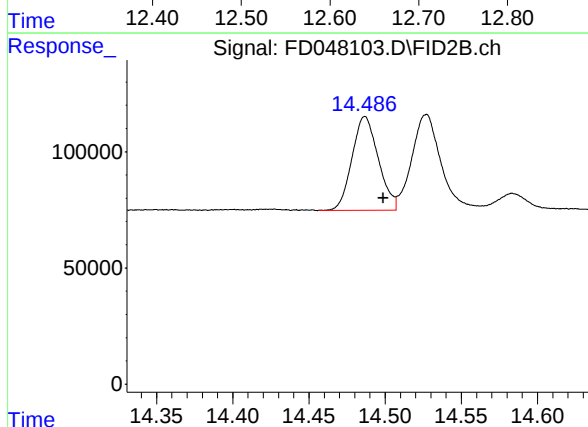
R.T.: 12.616 min
Delta R.T.: -0.011 min
Response: 584627
Conc: 3.70 ug/ml

Instrument :

FID_D

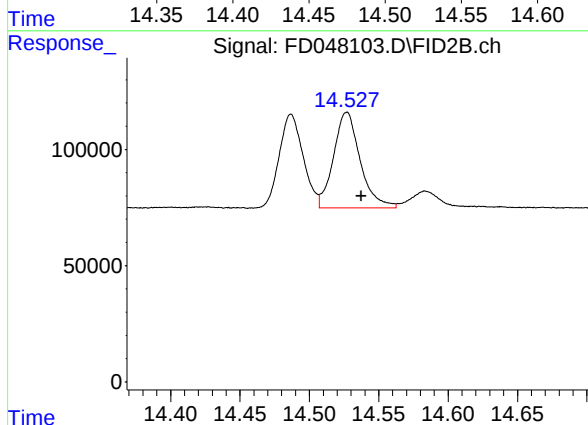
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



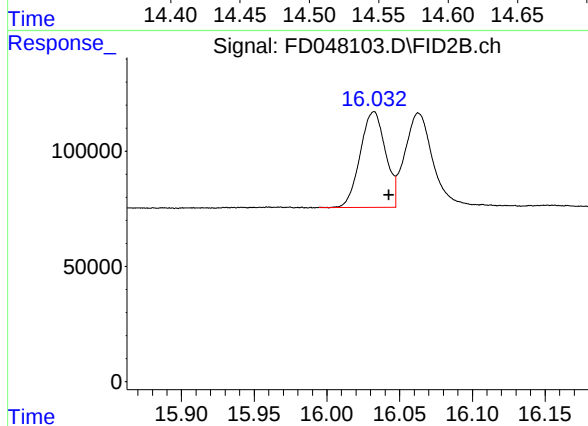
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.487 min
Delta R.T.: -0.012 min
Response: 485009
Conc: 3.55 ug/ml



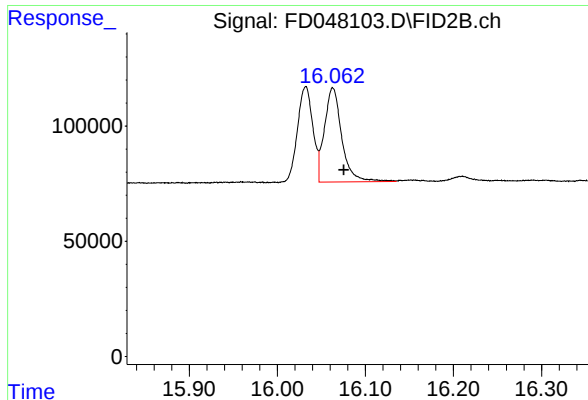
#15 Chrysene (C27.41)

R.T.: 14.527 min
Delta R.T.: -0.011 min
Response: 552292
Conc: 3.43 ug/ml



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

R.T.: 16.032 min
Delta R.T.: -0.011 min
Response: 505407
Conc: 3.51 ug/ml



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

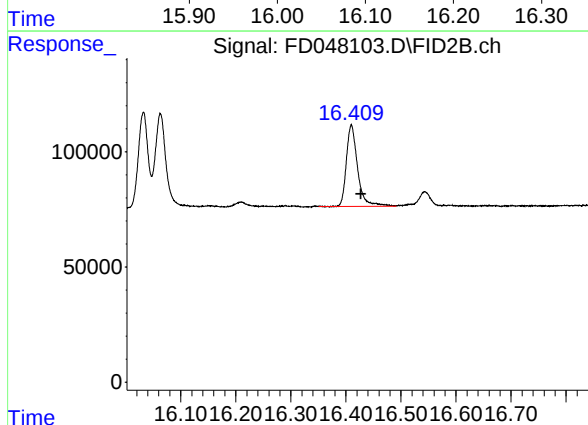
R.T.: 16.063 min
Delta R.T.: -0.013 min
Response: 562547
Conc: 3.77 ug/ml

Instrument :

FID_D

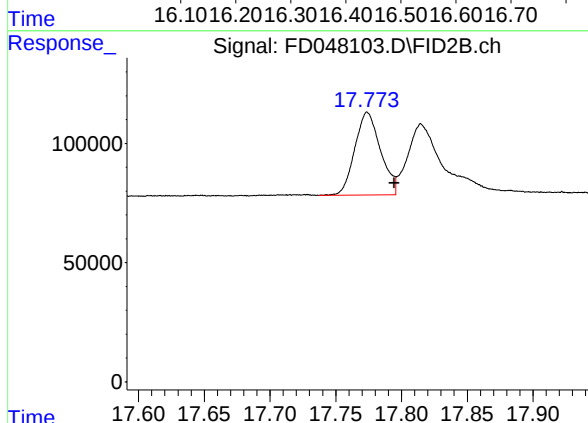
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



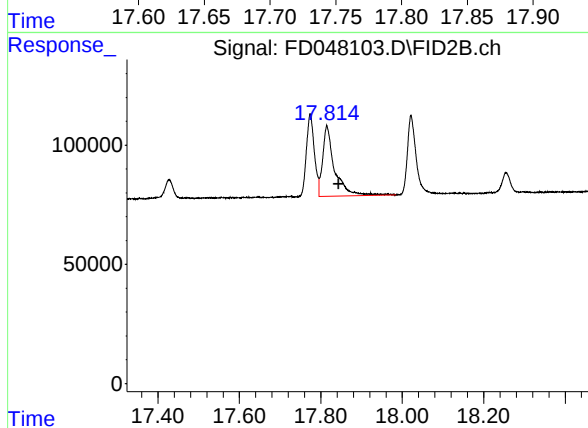
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.410 min
Delta R.T.: -0.017 min
Response: 501113
Conc: 3.54 ug/ml



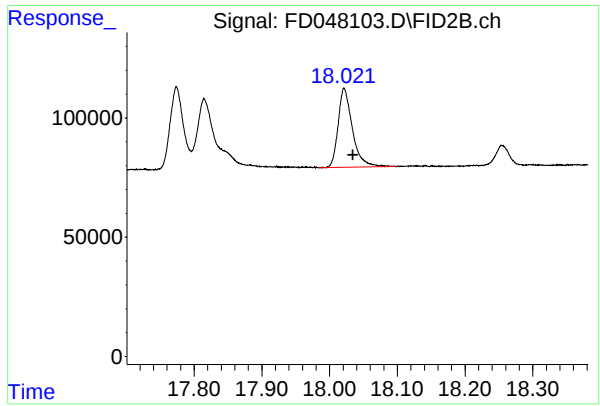
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.774 min
Delta R.T.: -0.020 min
Response: 471835
Conc: 4.18 ug/ml



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

R.T.: 17.815 min
Delta R.T.: -0.029 min
Response: 604709
Conc: 4.16 ug/ml



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

R.T.: 18.022 min
Delta R.T.: -0.013 min
Response: 483142
Conc: 3.28 ug/ml

Instrument :

FID_D

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024