

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE040623\  
 Data File : FE041195.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Apr 2023 14:51  
 Operator : YP\AJ  
 Sample : 02213-10  
 Misc : 1 PPM WATER LOD  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 LOD-MDL-WATER-04-QT2-2023

Integration File: autoint1.e  
 Quant Time: Apr 07 03:15:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE040523.M  
 Quant Title :  
 QLast Update : Thu Apr 06 02:04:41 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units
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System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.940	2086943	16.397 ug/ml
Target Compounds			
1) N-OCTANE	1.990	116485	0.778 ug/ml
2) N-DECANE	4.491	106714	0.720 ug/ml
3) N-DODECANE	6.659	106517	0.702 ug/ml
4) N-TETRADECANE	8.484	116034	0.760 ug/ml
5) N-HEXADECANE	10.089	129370	0.840 ug/ml
6) N-OCTADECANE	11.531	136909	0.895 ug/ml
7) N-EICOSANE	12.841	134934	0.895 ug/ml
8) N-DOCOSANE	14.039	139999	0.968 ug/ml
10) N-TETRACOSANE	15.143	139087	0.974 ug/ml
11) N-HEXACOSANE	16.165	130266	0.936 ug/ml
12) N-OCTACOSANE	17.115	132716	0.966 ug/ml
13) N-TRIACONTANE	18.004	146167	1.070 ug/ml
14) N-DOTRIACONTANE	18.837	160932	1.207 ug/ml
15) N-TETRATRIACONTANE	19.623	164202	1.297 ug/ml
16) N-HEXATRIACONTANE	20.364	160515	1.329 ug/ml
17) N-OCTATRIACONTANE	21.090	186875	1.511 ug/ml
18) N-TETRACONTANE	21.970	184998	1.422 ug/ml
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(f)=RT Delta > 1/2 Window

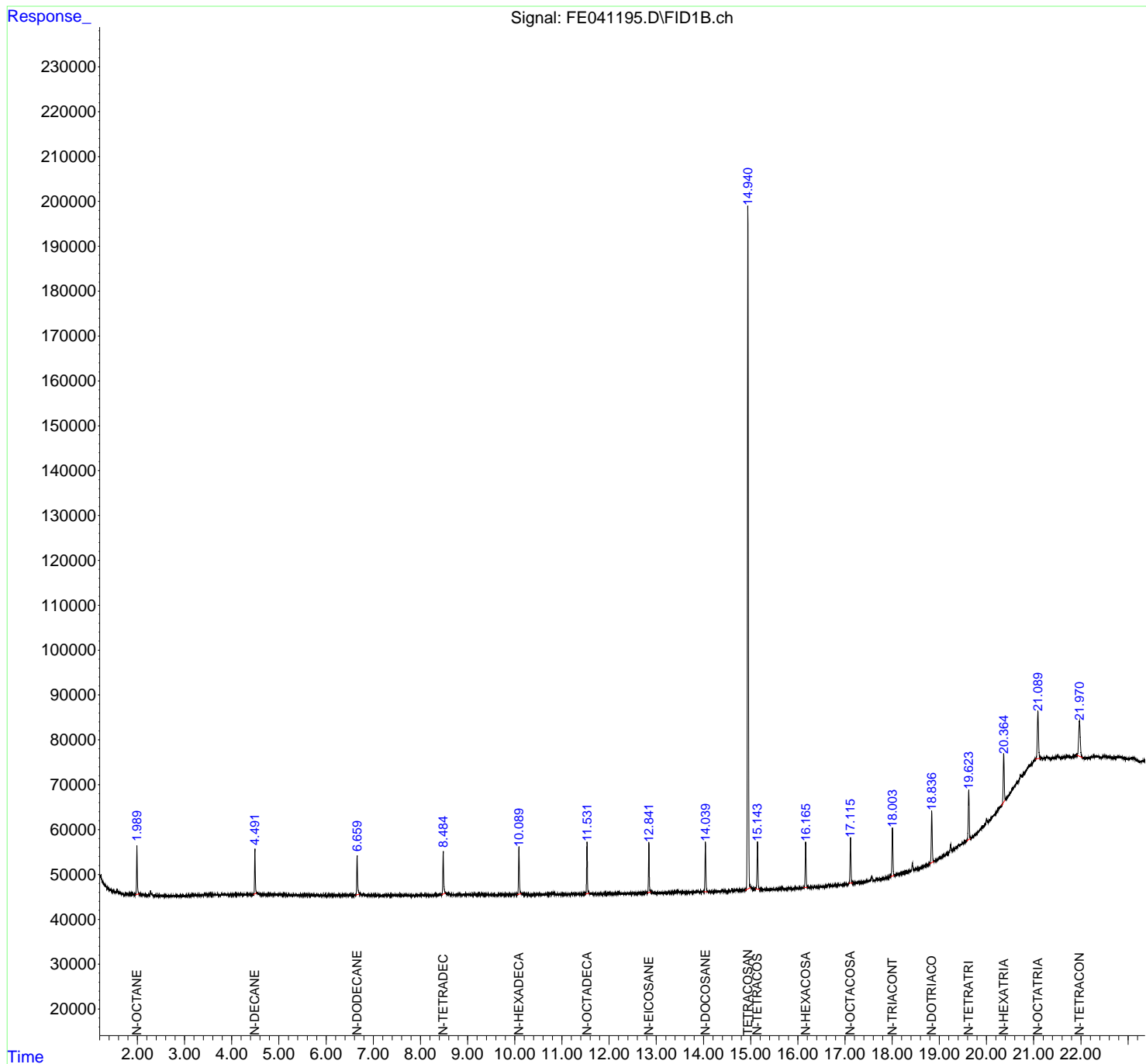
(m)=manual int.

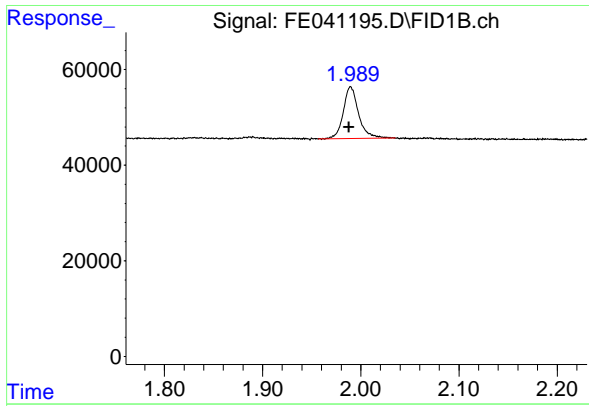
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE040623\  
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 LOD-MDL-WATER-04-QT2-2023

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 Signal Info : 20mx0.18mmx0.18um

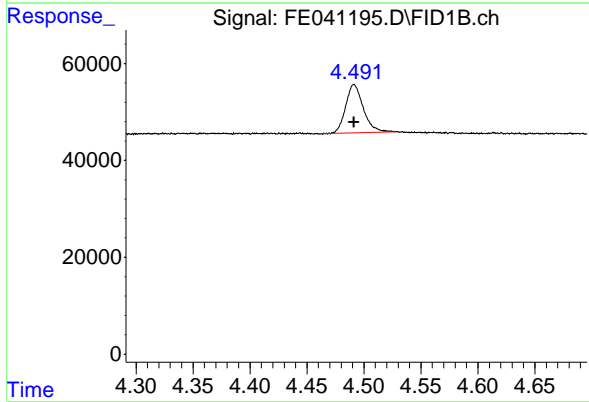




#1 N-OCTANE

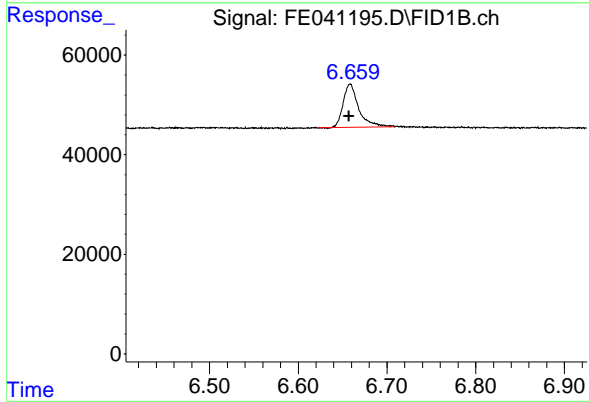
R.T.: 1.990 min  
 Delta R.T.: 0.002 min  
 Response: 116485  
 Conc: 0.78 ug/ml

Instrument : FID\_E  
 ClientSampleId : LOD-MDL-WATER-04-QT2-2023



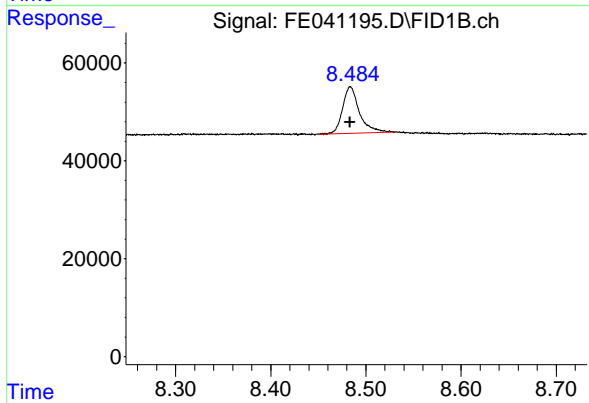
#2 N-DECANE

R.T.: 4.491 min  
 Delta R.T.: 0.000 min  
 Response: 106714  
 Conc: 0.72 ug/ml



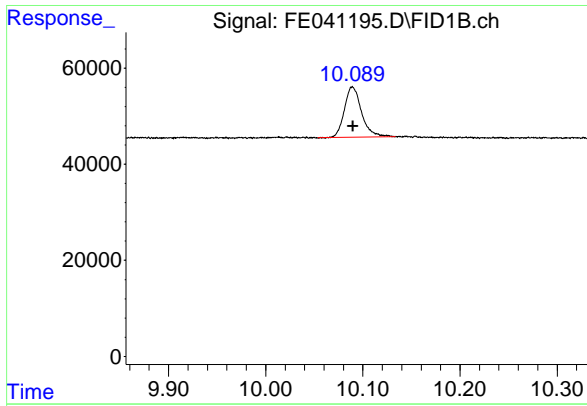
#3 N-DODECANE

R.T.: 6.659 min  
 Delta R.T.: 0.001 min  
 Response: 106517  
 Conc: 0.70 ug/ml



#4 N-TETRADECANE

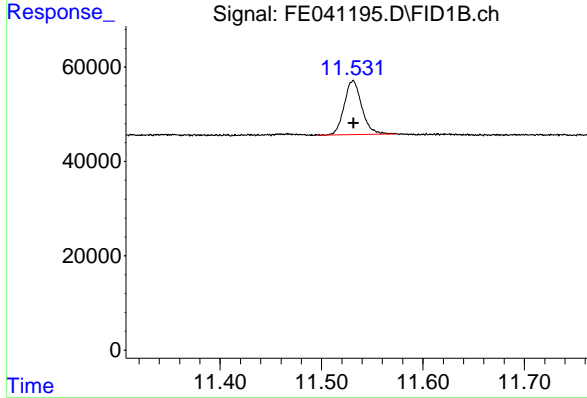
R.T.: 8.484 min  
 Delta R.T.: 0.000 min  
 Response: 116034  
 Conc: 0.76 ug/ml



#5 N-HEXADECANE

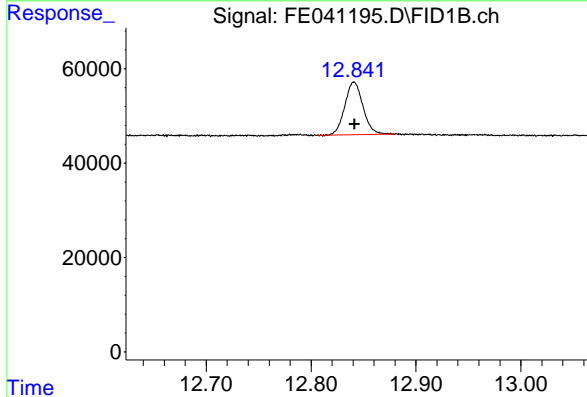
R.T.: 10.089 min  
 Delta R.T.: 0.000 min  
 Response: 129370  
 Conc: 0.84 ug/ml

Instrument : FID\_E  
 ClientSampleId : LOD-MDL-WATER-04-QT2-2023



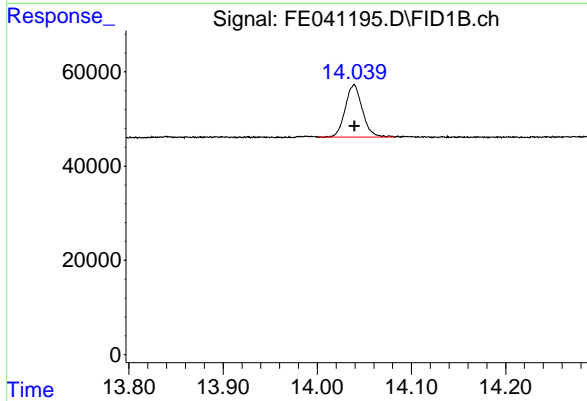
#6 N-OCTADECANE

R.T.: 11.531 min  
 Delta R.T.: 0.000 min  
 Response: 136909  
 Conc: 0.89 ug/ml



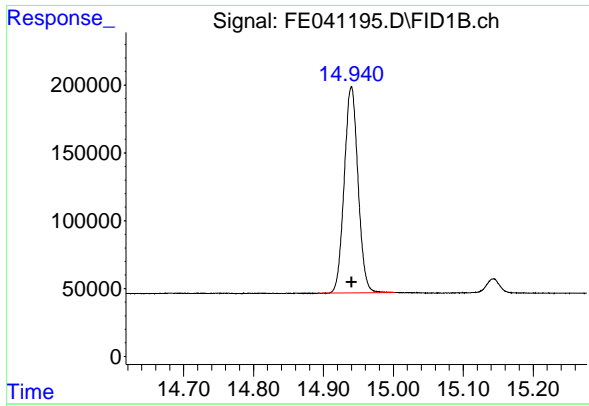
#7 N-EICOSANE

R.T.: 12.841 min  
 Delta R.T.: 0.000 min  
 Response: 134934  
 Conc: 0.89 ug/ml



#8 N-DOCOSANE

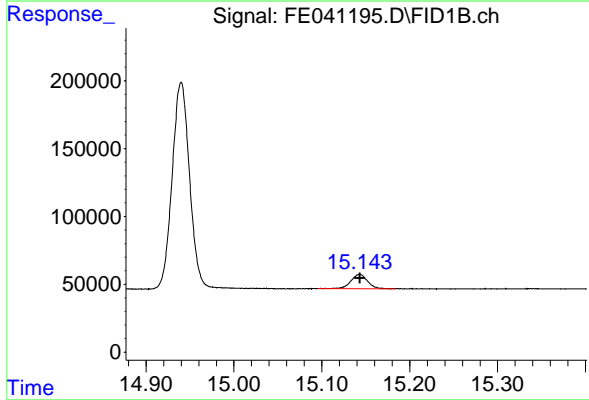
R.T.: 14.039 min  
 Delta R.T.: 0.000 min  
 Response: 139999  
 Conc: 0.97 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

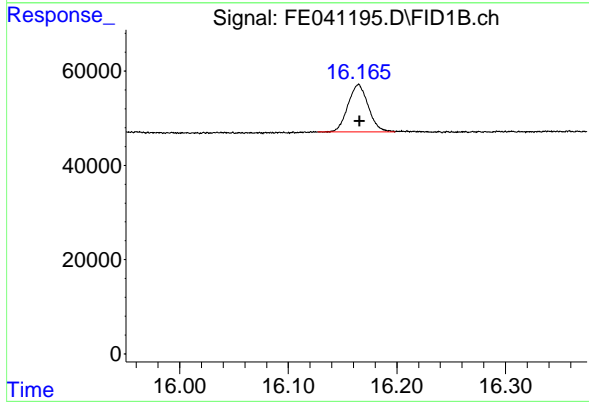
R.T.: 14.940 min  
 Delta R.T.: 0.000 min  
 Response: 2086943  
 Conc: 16.40 ug/ml

Instrument : FID\_E  
 ClientSampleId : LOD-MDL-WATER-04-QT2-2023



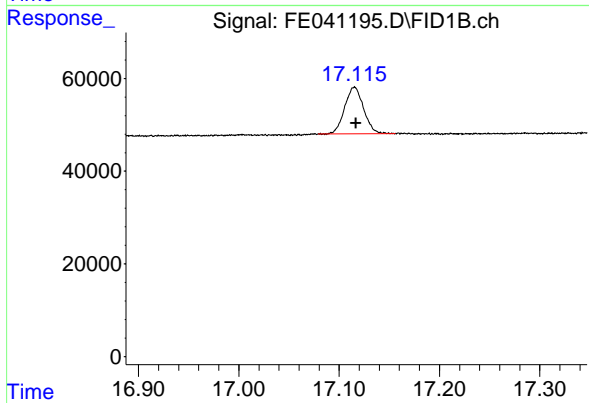
#10 N-TETRACOSANE

R.T.: 15.143 min  
 Delta R.T.: 0.000 min  
 Response: 139087  
 Conc: 0.97 ug/ml



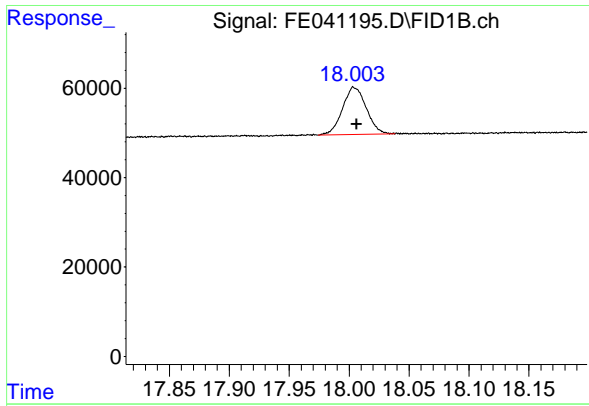
#11 N-HEXACOSANE

R.T.: 16.165 min  
 Delta R.T.: -0.001 min  
 Response: 130266  
 Conc: 0.94 ug/ml



#12 N-OCTACOSANE

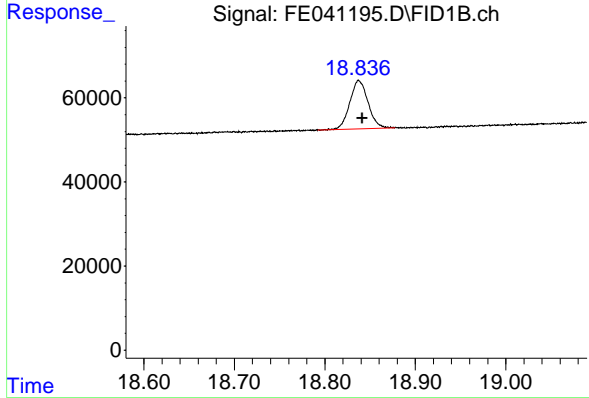
R.T.: 17.115 min  
 Delta R.T.: -0.001 min  
 Response: 132716  
 Conc: 0.97 ug/ml



#13 N-TRIACONTANE

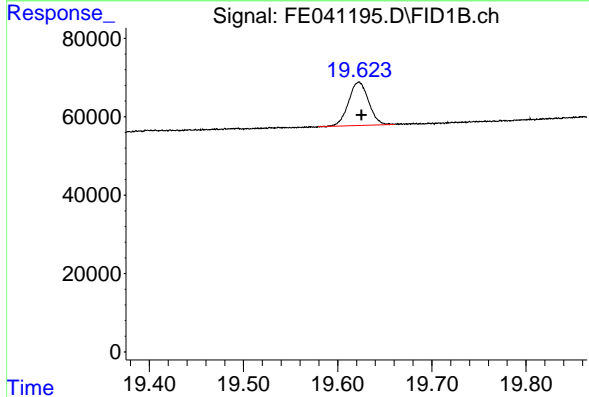
R.T.: 18.004 min  
 Delta R.T.: -0.002 min  
 Response: 146167  
 Conc: 1.07 ug/ml

Instrument : FID\_E  
 ClientSampleId : LOD-MDL-WATER-04-QT2-2023



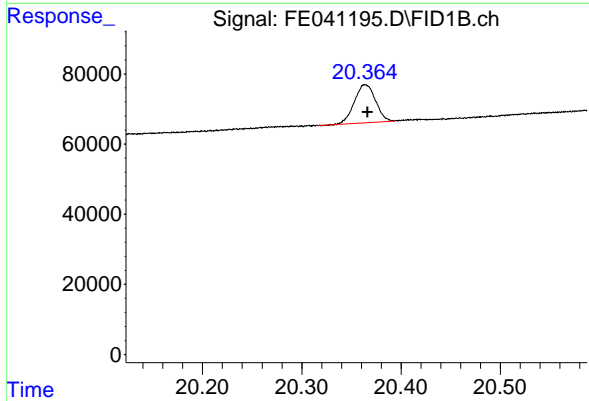
#14 N-DOTRIACONTANE

R.T.: 18.837 min  
 Delta R.T.: -0.004 min  
 Response: 160932  
 Conc: 1.21 ug/ml



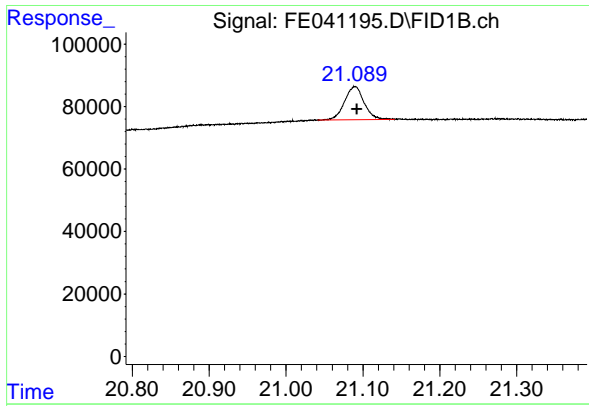
#15 N-TETRATRIACONTANE

R.T.: 19.623 min  
 Delta R.T.: -0.003 min  
 Response: 164202  
 Conc: 1.30 ug/ml



#16 N-HEXATRIACONTANE

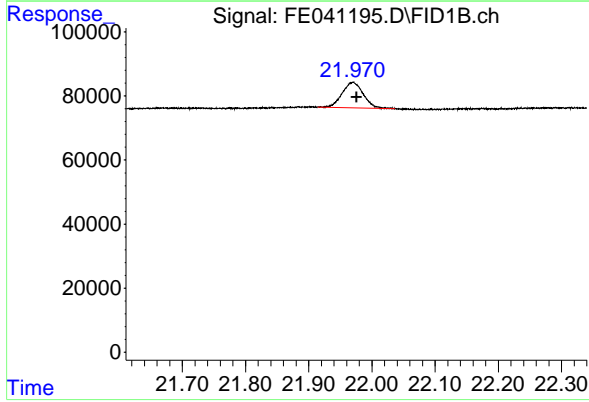
R.T.: 20.364 min  
 Delta R.T.: -0.003 min  
 Response: 160515  
 Conc: 1.33 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.090 min  
 Delta R.T.: -0.003 min  
 Response: 186875  
 Conc: 1.51 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :  
 LOD-MDL-WATER-04-QT2-2023



#18 N-TETRACONTANE

R.T.: 21.970 min  
 Delta R.T.: -0.006 min  
 Response: 184998  
 Conc: 1.42 ug/ml