

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080723AL\
 Data File : FE043776.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2023 13:50
 Operator : YP\AJ
 Sample : 03572-07
 Misc : LOD 2.5 PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 08 01:40:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.381	6752107	43.270 ug/ml
Spiked Amount 50.000		Recovery =	86.54%
Target Compounds			
1) T n-Nonane (C9)	3.328	378456	2.344 ug/ml
2) T n-Decane (C10)	4.579	377513	2.291 ug/ml
4) T n-Dodecane (C12)	6.742	390780	2.335 ug/ml
6) T n-Tetradecane (C14)	8.569	414926	2.463 ug/ml
7) T n-Hexadecane (C16)	10.177	408133	2.314 ug/ml
8) T n-Octadecane (C18)	11.621	425238	2.347 ug/ml
10) T n-Eicosane (C20)	12.932	408446	2.308 ug/ml
11) T n-Heneicosane (C21)	13.545	406183	2.294 ug/ml
13) T n-Docosane (C22)	14.132	401798	2.291 ug/ml
14) T n-Tetracosane (C24)	15.235	393473	2.239 ug/ml
15) T n-Hexacosane (C26)	16.257	381063	2.205 ug/ml
16) T n-Octacosane (C28)	17.209	370306	2.213 ug/ml
17) T n-Tricontane (C30)	18.098	369171	2.229 ug/ml
18) T n-Dotriacontane (C32)	18.933	361382	2.289 ug/ml
19) T n-Tetratriacontane (C34)	19.718	340846	2.294 ug/ml
20) T n-Hexatriacontane (C36)	20.460	328399	2.349 ug/ml
21) T n-Octatriacontane (C38)	21.203	293704	2.202 ug/ml
22) T n-Tetracontane (C40)	22.126	351741	2.726 ug/ml

(f)=RT Delta > 1/2 Window

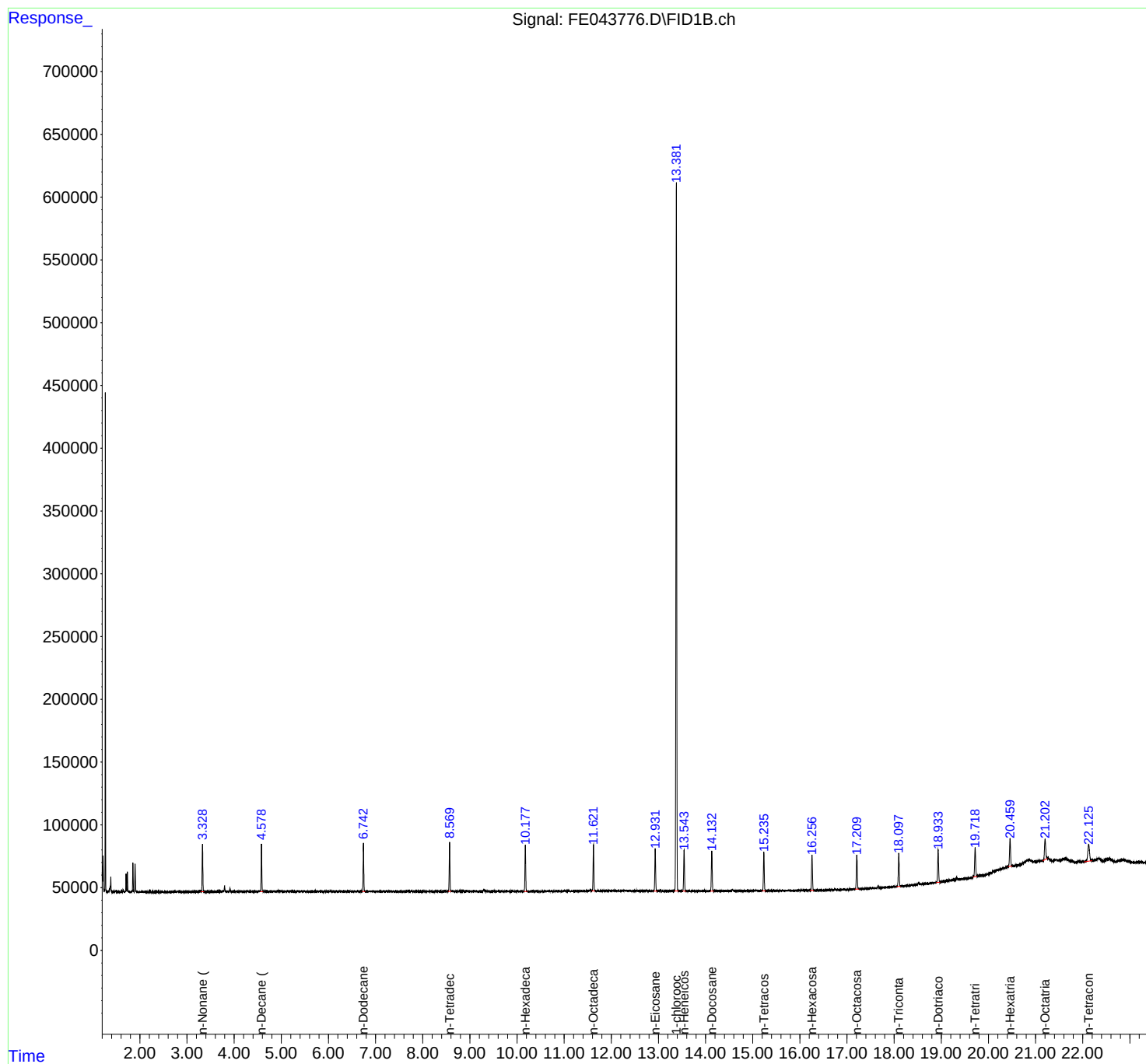
(m)=manual int.

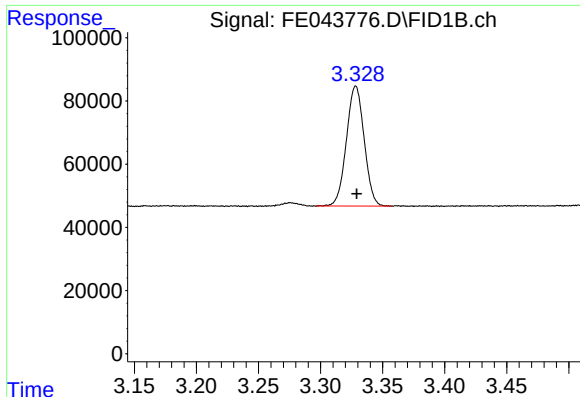
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080723AL\
Data File : FE043776.D
Signal(s) : FID1B.ch
Acq On : 07 Aug 2023 13:50
Operator : YP\AJ
Sample : 03572-07
Misc : LOD 2.5 PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Integration File: autoint1.e
Quant Time: Aug 08 01:40:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
Quant Title : GC Extractables
QLast Update : Wed Aug 02 09:56:52 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

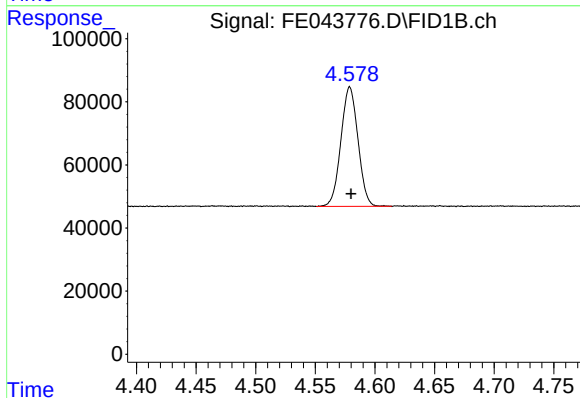




#1 n-Nonane (C9)

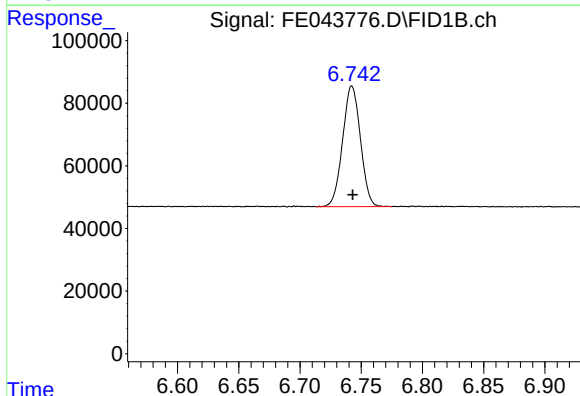
R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 378456
Conc: 2.34 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



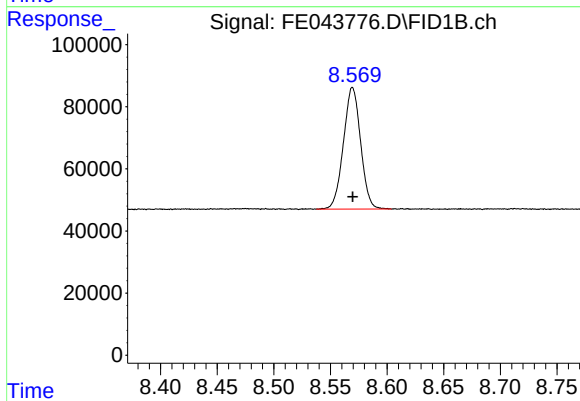
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 377513
Conc: 2.29 ug/ml



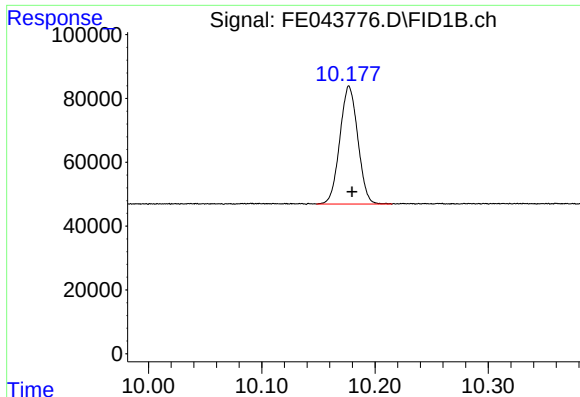
#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 390780
Conc: 2.33 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 414926
Conc: 2.46 ug/ml



#7 n-Hexadecane (C16)

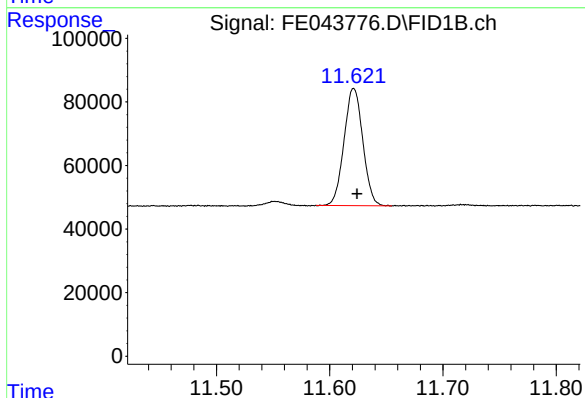
R.T.: 10.177 min
Delta R.T.: -0.003 min
Response: 408133
Conc: 2.31 ug/ml

Instrument :

FID_E

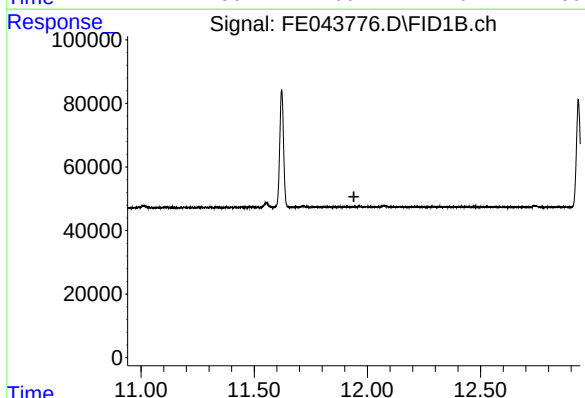
ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



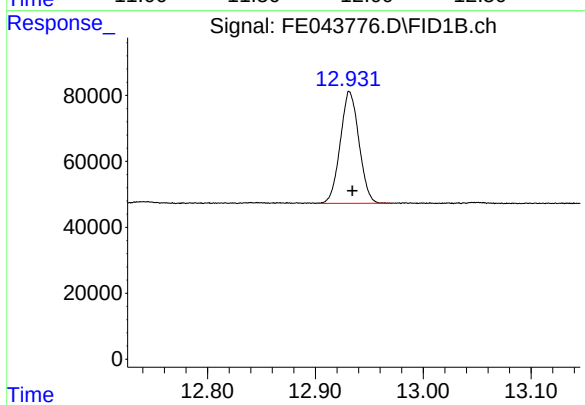
#8 n-Octadecane (C18)

R.T.: 11.621 min
Delta R.T.: -0.003 min
Response: 425238
Conc: 2.35 ug/ml



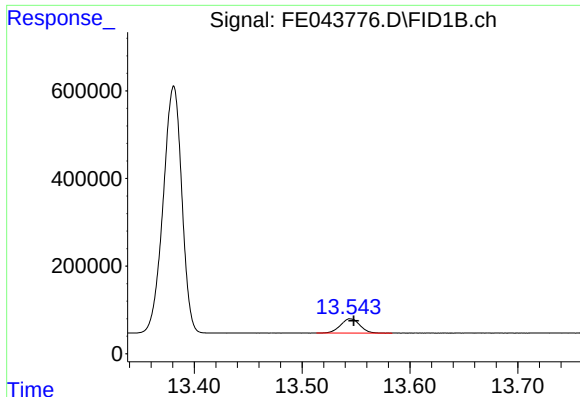
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

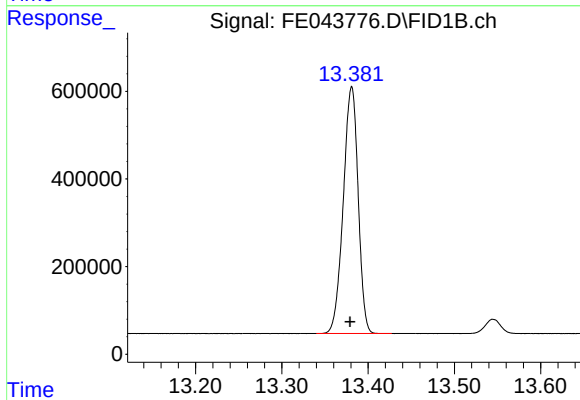
R.T.: 12.932 min
Delta R.T.: -0.003 min
Response: 408446
Conc: 2.31 ug/ml



#11 n-Heneicosane (C21)

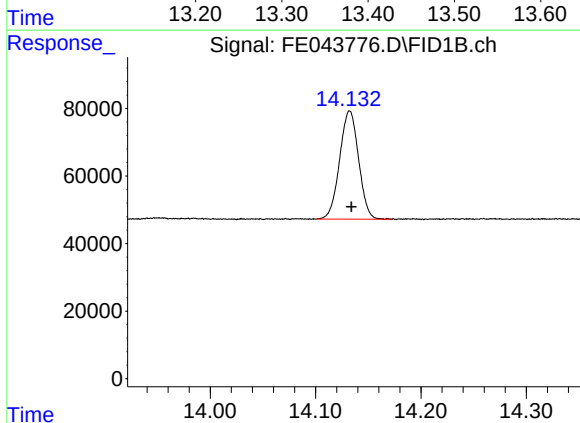
R.T.: 13.545 min
Delta R.T.: -0.003 min
Response: 406183
Conc: 2.29 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



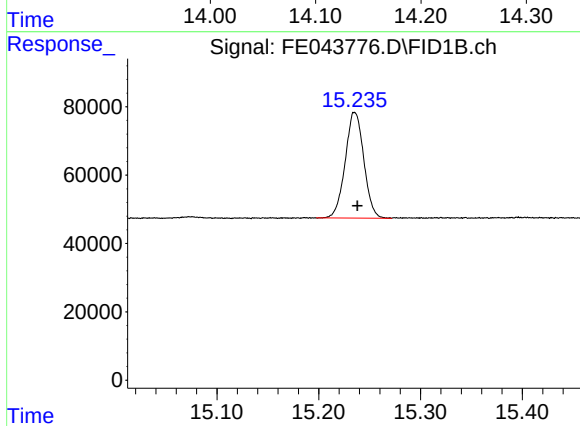
#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: 0.002 min
Response: 6752107
Conc: 43.27 ug/ml



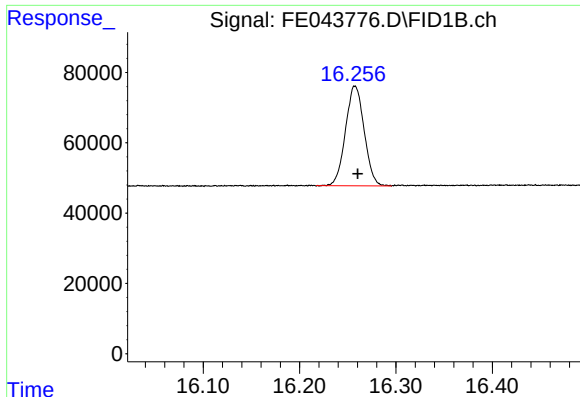
#13 n-Docosane (C22)

R.T.: 14.132 min
Delta R.T.: -0.002 min
Response: 401798
Conc: 2.29 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.002 min
Response: 393473
Conc: 2.24 ug/ml



#15 n-Hexacosane (C26)

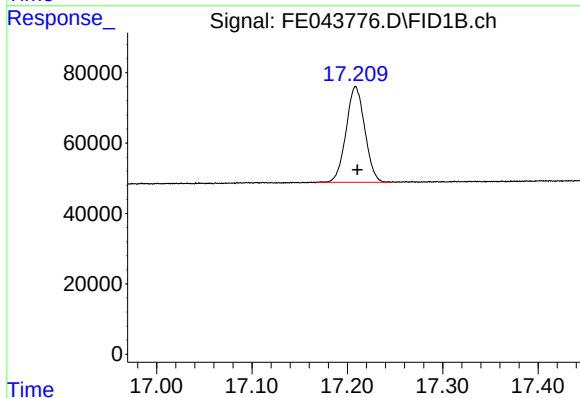
R.T.: 16.257 min
Delta R.T.: -0.003 min
Response: 381063
Conc: 2.20 ug/ml

Instrument :

FID_E

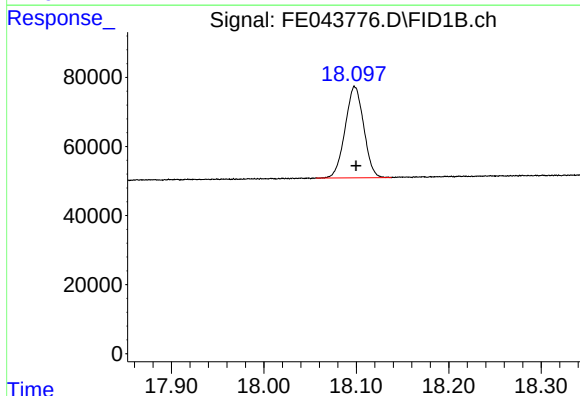
ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



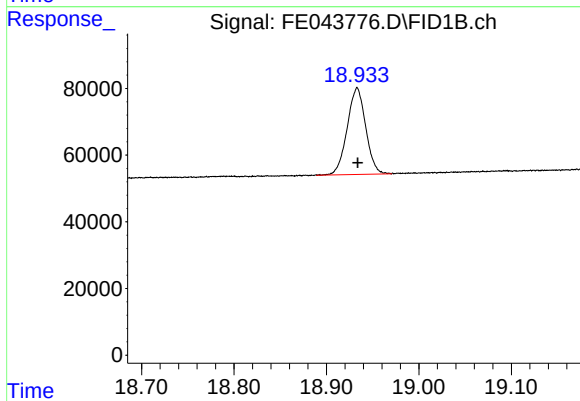
#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: -0.002 min
Response: 370306
Conc: 2.21 ug/ml



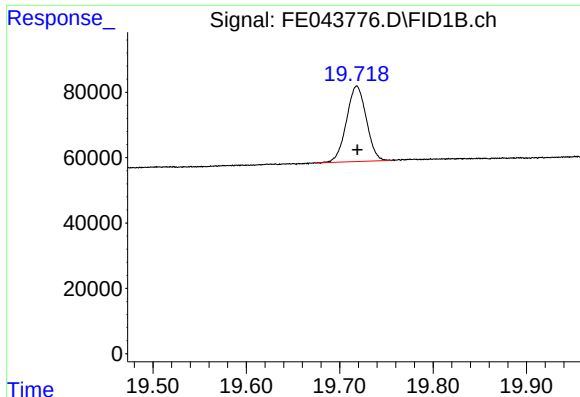
#17 n-Tricontane (C30)

R.T.: 18.098 min
Delta R.T.: -0.001 min
Response: 369171
Conc: 2.23 ug/ml



#18 n-Dotriacontane (C32)

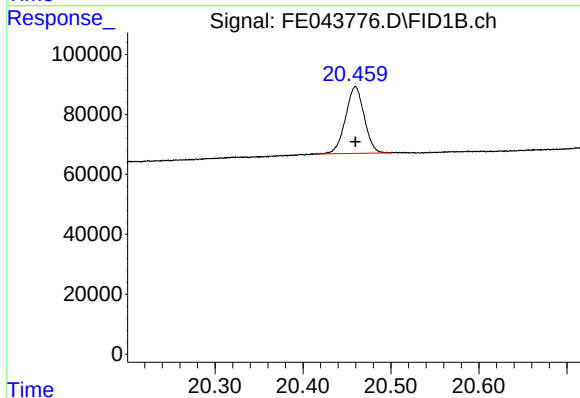
R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 361382
Conc: 2.29 ug/ml



#19 n-Tetratriacontane (C34)

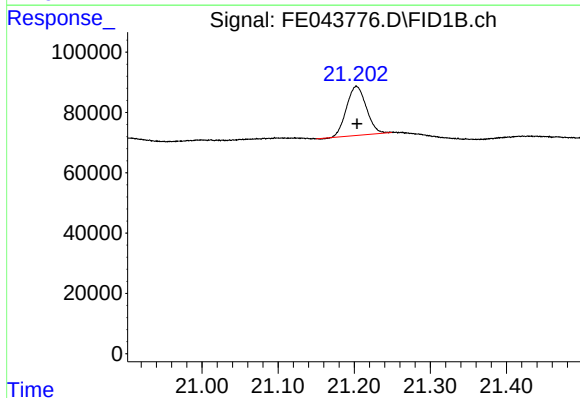
R.T.: 19.718 min
Delta R.T.: 0.000 min
Response: 340846
Conc: 2.29 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



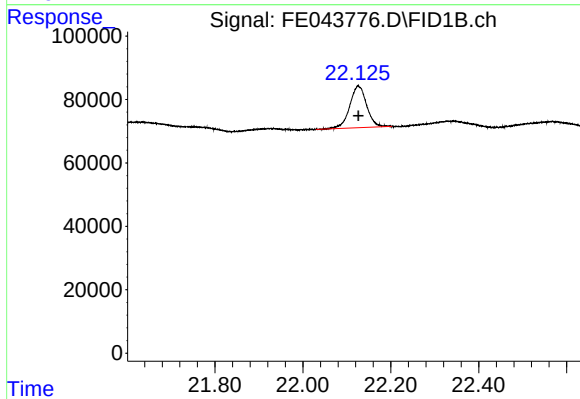
#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: 0.000 min
Response: 328399
Conc: 2.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: 0.000 min
Response: 293704
Conc: 2.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: -0.001 min
Response: 351741
Conc: 2.73 ug/ml