

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080524AL\
 Data File : FF014389.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2024 12:52
 Operator : YP\AJ
 Sample : P3390-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 06 06:25:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:51:52 2024
 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...	13.259	5451724	58.310 ug/ml
Spiked Amount 50.000		Recovery =	116.62%
Target Compounds			
1) T n-Nonane (C9)	3.218	323289	2.501 ug/ml
2) T n-Decane (C10)	4.466	400970	3.060 ug/ml
4) T n-Dodecane (C12)	6.629	560613	4.239 ug/ml
6) T n-Tetradecane (C14)	8.456	520984	4.047 ug/ml
7) T n-Hexadecane (C16)	10.062	473770	3.659 ug/ml
8) T n-Octadecane (C18)	11.504	592918	4.490 ug/ml
10) T n-Eicosane (C20)	12.812	585487	4.658 ug/ml
11) T n-Heneicosane (C21)	13.424	552583	4.505 ug/ml
13) T n-Docosane (C22)	14.011	610409	5.094 ug/ml
14) T n-Tetracosane (C24)	15.115	672445	5.754 ug/ml
15) T n-Hexacosane (C26)	16.135	660581	5.845 ug/ml
16) T n-Octacosane (C28)	17.086	675986	6.132 ug/ml
17) T n-Tricontane (C30)	17.974	685413	6.141 ug/ml
18) T n-Dotriacontane (C32)	18.808	663785	6.048 ug/ml
19) T n-Tetratriacontane (C34)	19.592	548000	5.339 ug/ml
20) T n-Hexatriacontane (C36)	20.332	402485	4.508 ug/ml
21) T n-Octatriacontane (C38)	21.055	271920	3.949 ug/ml
22) T n-Tetracontane (C40)	21.937	151211	3.380 ug/ml

(f)=RT Delta > 1/2 Window

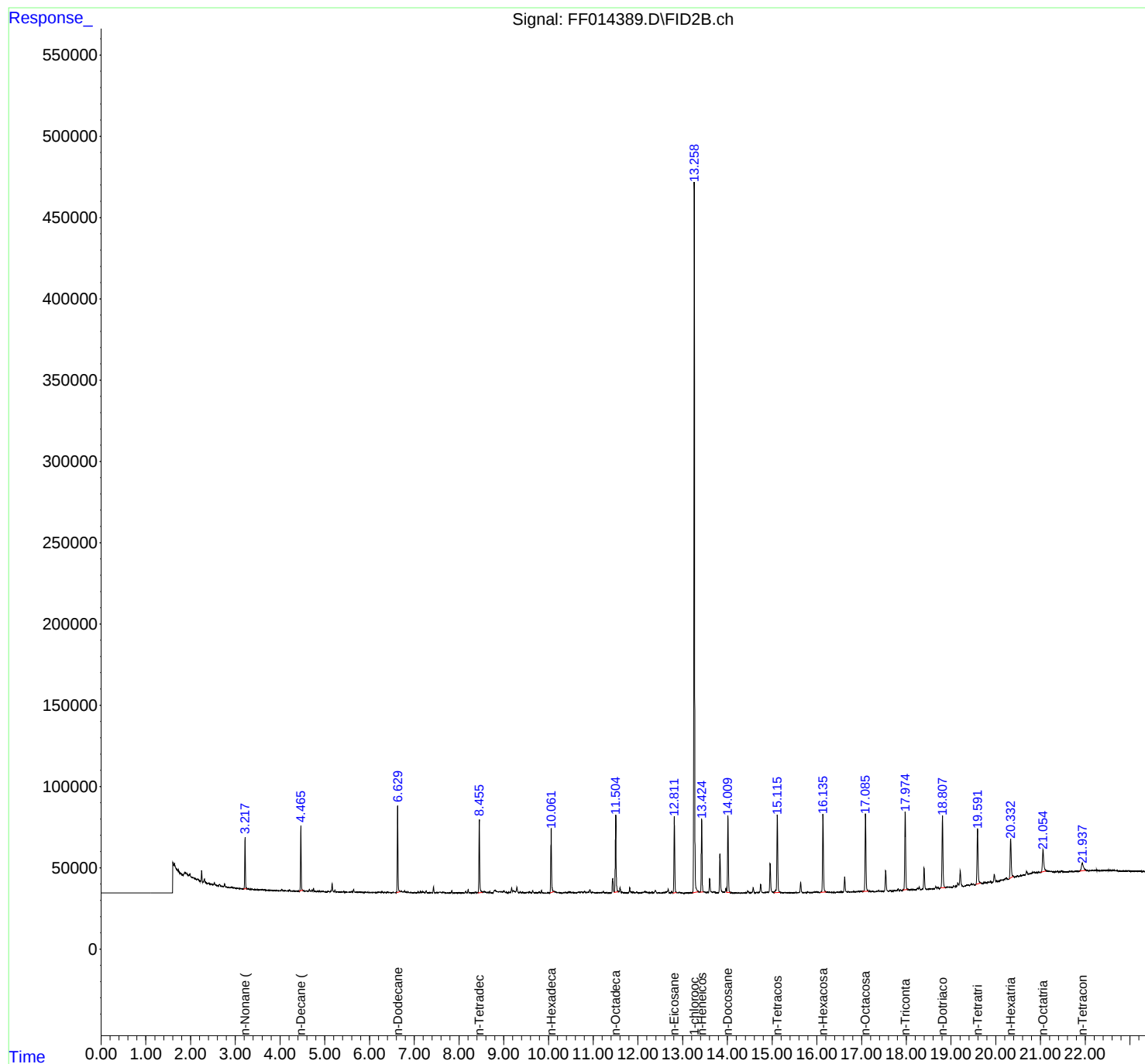
(m)=manual int.

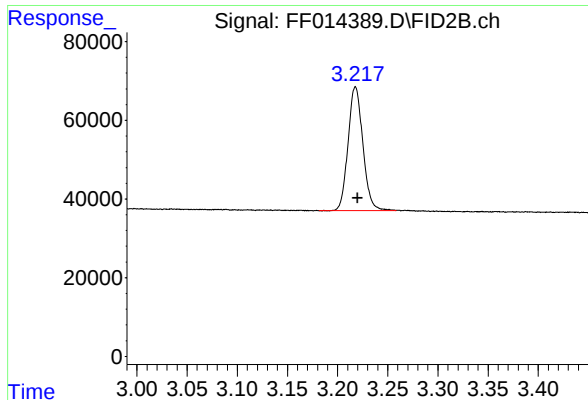
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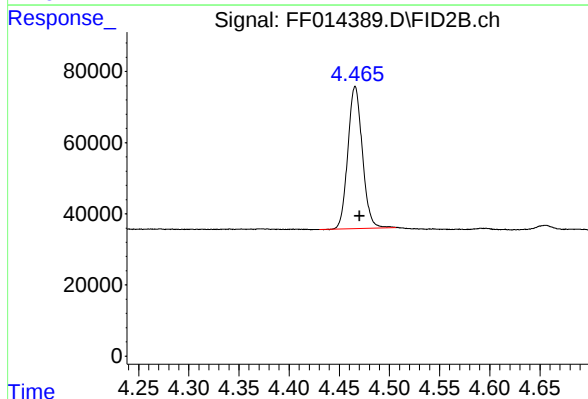




#1 n-Nonane (C9)

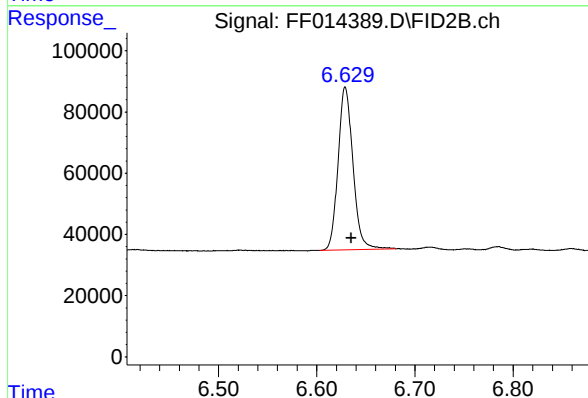
R.T.: 3.218 min
Delta R.T.: -0.002 min
Response: 323289
Conc: 2.50 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-WATER-02-QT3-2024



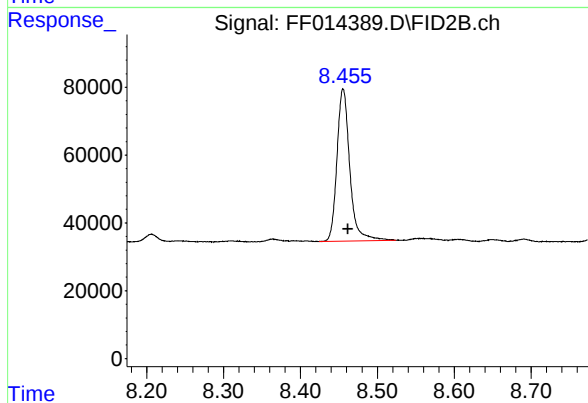
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 400970
Conc: 3.06 ug/ml



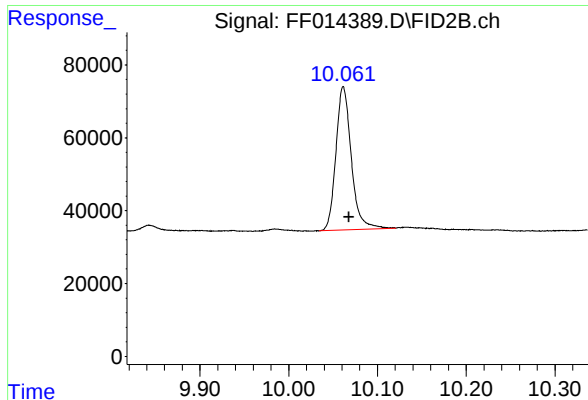
#4 n-Dodecane (C12)

R.T.: 6.629 min
Delta R.T.: -0.006 min
Response: 560613
Conc: 4.24 ug/ml



#6 n-Tetradecane (C14)

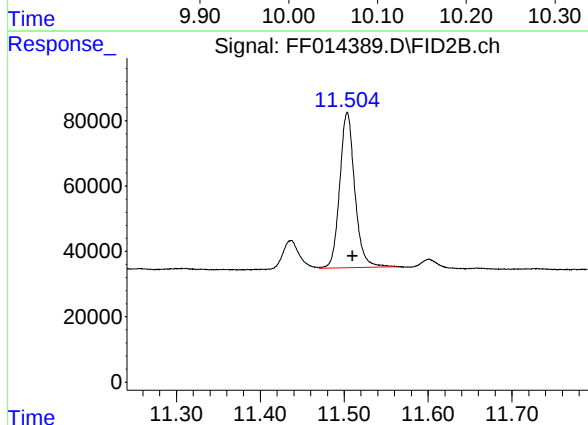
R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 520984
Conc: 4.05 ug/ml



#7 n-Hexadecane (C16)

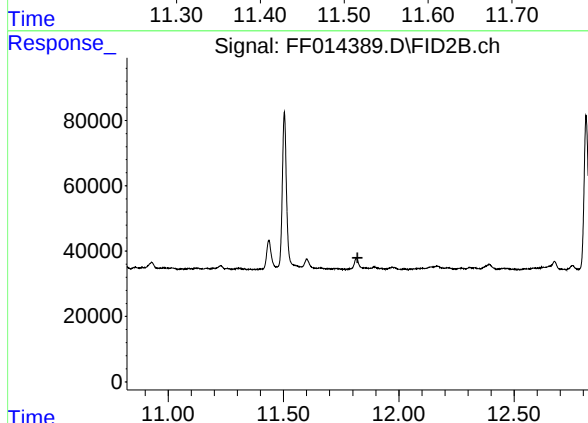
R.T.: 10.062 min
Delta R.T.: -0.006 min
Response: 473770
Conc: 3.66 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-WATER-02-QT3-2024



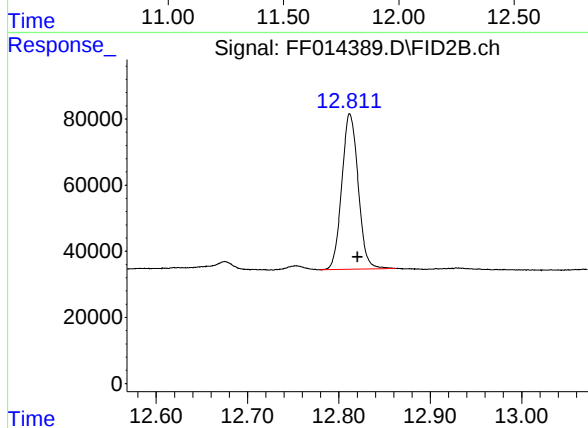
#8 n-Octadecane (C18)

R.T.: 11.504 min
Delta R.T.: -0.006 min
Response: 592918
Conc: 4.49 ug/ml



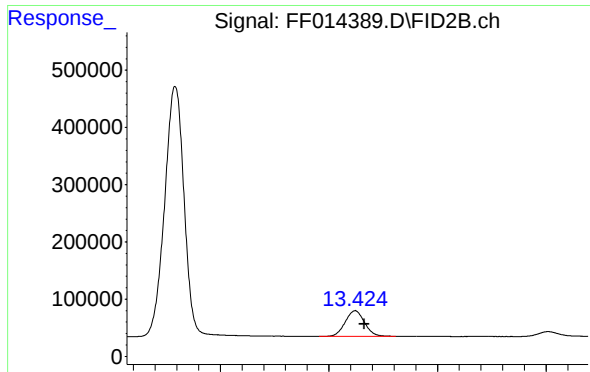
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.821 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

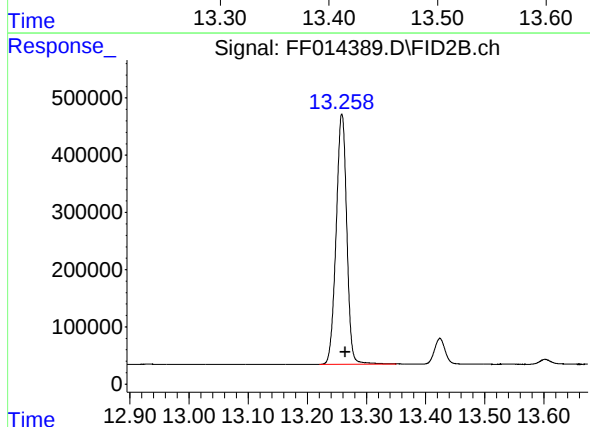
R.T.: 12.812 min
Delta R.T.: -0.009 min
Response: 585487
Conc: 4.66 ug/ml



#11 n-Heneicosane (C21)

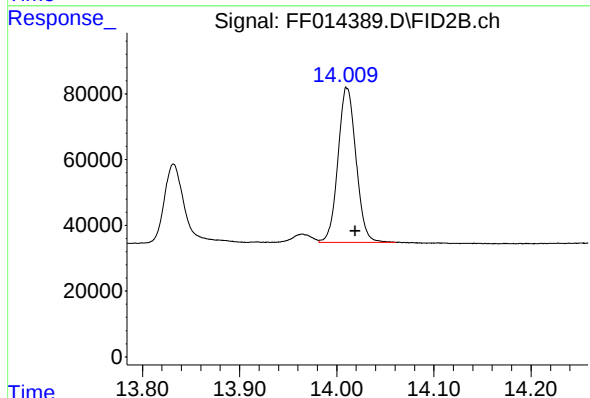
R.T.: 13.424 min
Delta R.T.: -0.008 min
Response: 552583
Conc: 4.51 ug/ml

Instrument :
FID_F
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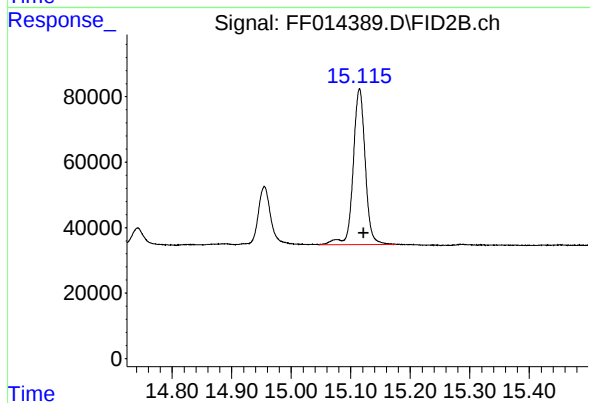
#12 1-chlorooctadecane (SURR)

R.T.: 13.259 min
Delta R.T.: -0.005 min
Response: 5451724
Conc: 58.31 ug/ml



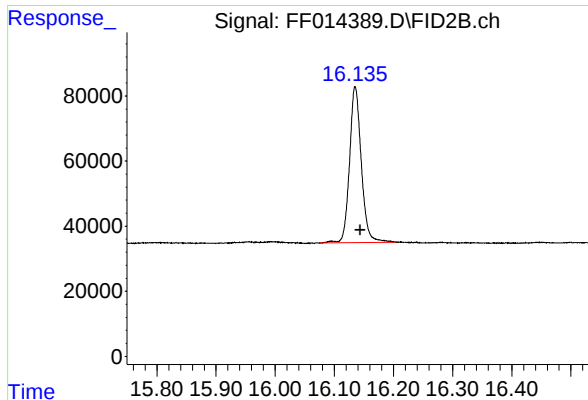
#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.008 min
Response: 610409
Conc: 5.09 ug/ml



#14 n-Tetracosane (C24)

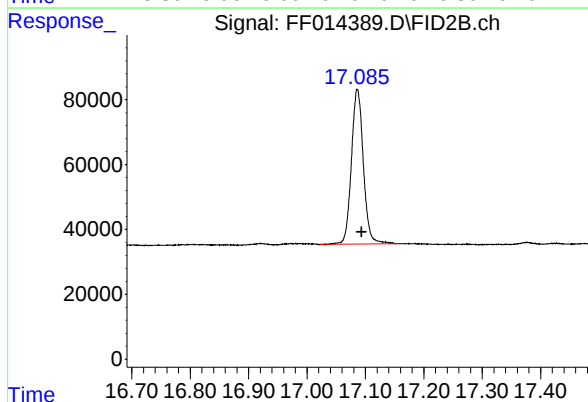
R.T.: 15.115 min
Delta R.T.: -0.007 min
Response: 672445
Conc: 5.75 ug/ml



#15 n-Hexacosane (C26)

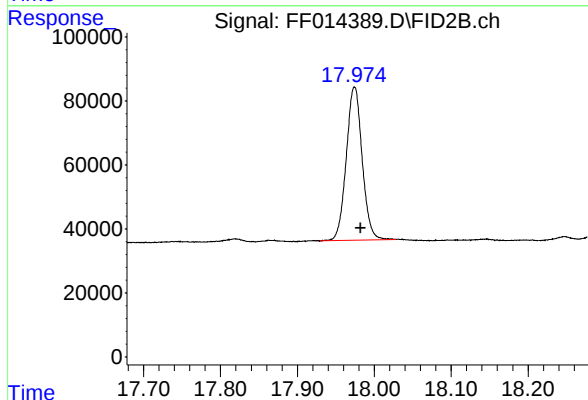
R.T.: 16.135 min
Delta R.T.: -0.009 min
Response: 660581
Conc: 5.84 ug/ml

Instrument : FID_F
ClientSampleId : LOQ-WATER-02-QT3-2024



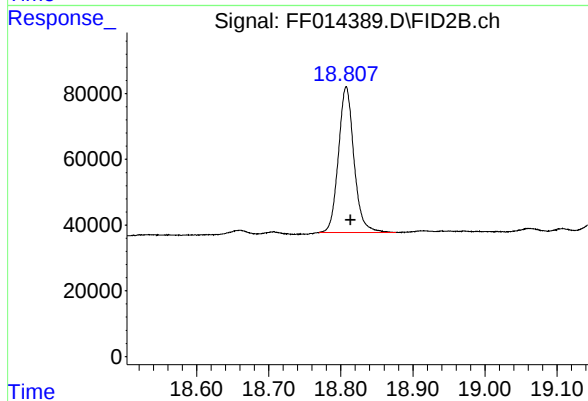
#16 n-Octacosane (C28)

R.T.: 17.086 min
Delta R.T.: -0.008 min
Response: 675986
Conc: 6.13 ug/ml



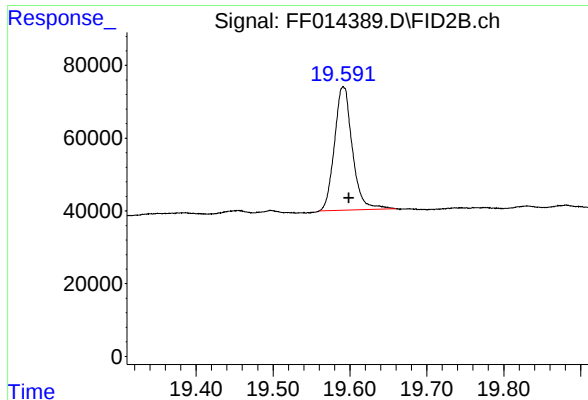
#17 n-Tricontane (C30)

R.T.: 17.974 min
Delta R.T.: -0.008 min
Response: 685413
Conc: 6.14 ug/ml



#18 n-Dotriacontane (C32)

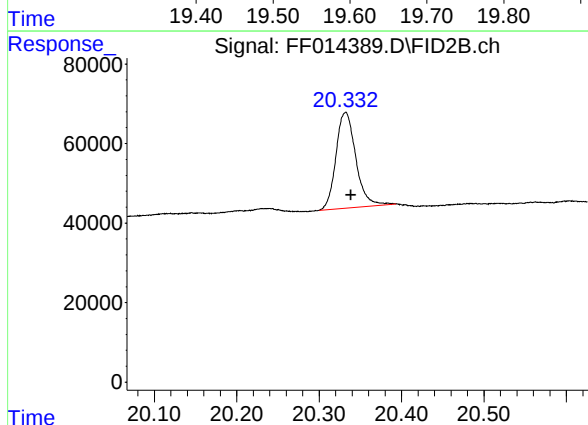
R.T.: 18.808 min
Delta R.T.: -0.006 min
Response: 663785
Conc: 6.05 ug/ml



#19 n-Tetratriacontane (C34)

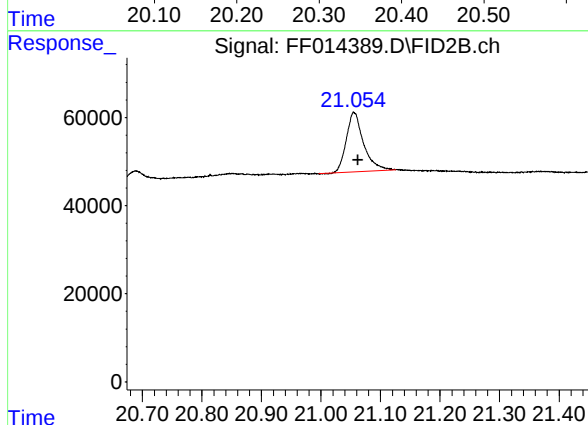
R.T.: 19.592 min
Delta R.T.: -0.007 min
Response: 548000
Conc: 5.34 ug/ml

Instrument :
FID_F
ClientSampleId :
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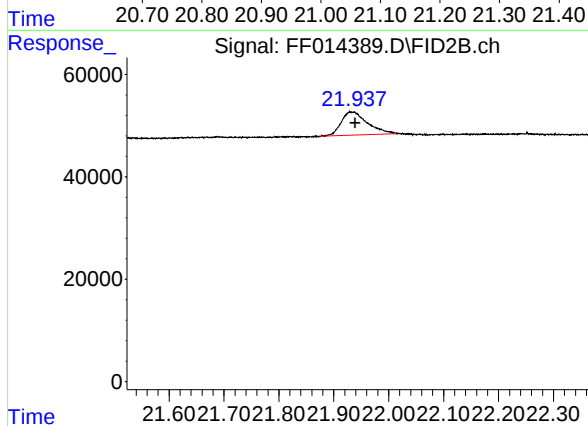
#20 n-Hexatriacontane (C36)

R.T.: 20.332 min
Delta R.T.: -0.006 min
Response: 402485
Conc: 4.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.055 min
Delta R.T.: -0.007 min
Response: 271920
Conc: 3.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: -0.002 min
Response: 151211
Conc: 3.38 ug/ml