

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080524AL\
 Data File : FF014392.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2024 14:21
 Operator : YP\AJ
 Sample : P3390-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 68 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 06 06:25:45 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...	13.257	2599407	27.803 ug/ml
Spiked Amount 50.000		Recovery =	55.61%
Target Compounds			
1) T n-Nonane (C9)	3.218	280019	2.167 ug/ml
2) T n-Decane (C10)	4.467	319345	2.437 ug/ml
4) T n-Dodecane (C12)	6.630	403981	3.055 ug/ml
6) T n-Tetradecane (C14)	8.456	430603	3.345 ug/ml
7) T n-Hexadecane (C16)	10.062	369736	2.856 ug/ml
8) T n-Octadecane (C18)	11.504	429491	3.253 ug/ml
10) T n-Eicosane (C20)	12.813	479631	3.816 ug/ml
11) T n-Heneicosane (C21)	13.425	423651	3.454 ug/ml
13) T n-Docosane (C22)	14.011	544749	4.546 ug/ml
14) T n-Tetracosane (C24)	15.114	703475	6.019 ug/ml
15) T n-Hexacosane (C26)	16.136	775963	6.866 ug/ml
16) T n-Octacosane (C28)	17.086	895139	8.121 ug/ml
17) T n-Tricontane (C30)	17.974	917409	8.219 ug/ml
18) T n-Dotriacontane (C32)	18.805	794287	7.237 ug/ml
19) T n-Tetratriacontane (C34)	19.588	553603	5.393 ug/ml
20) T n-Hexatriacontane (C36)	20.329	410455	4.598 ug/ml
21) T n-Octatriacontane (C38)	21.050	313958	4.559 ug/ml
22) T n-Tetracontane (C40)	21.927	219029	4.896 ug/ml

(f)=RT Delta > 1/2 Window

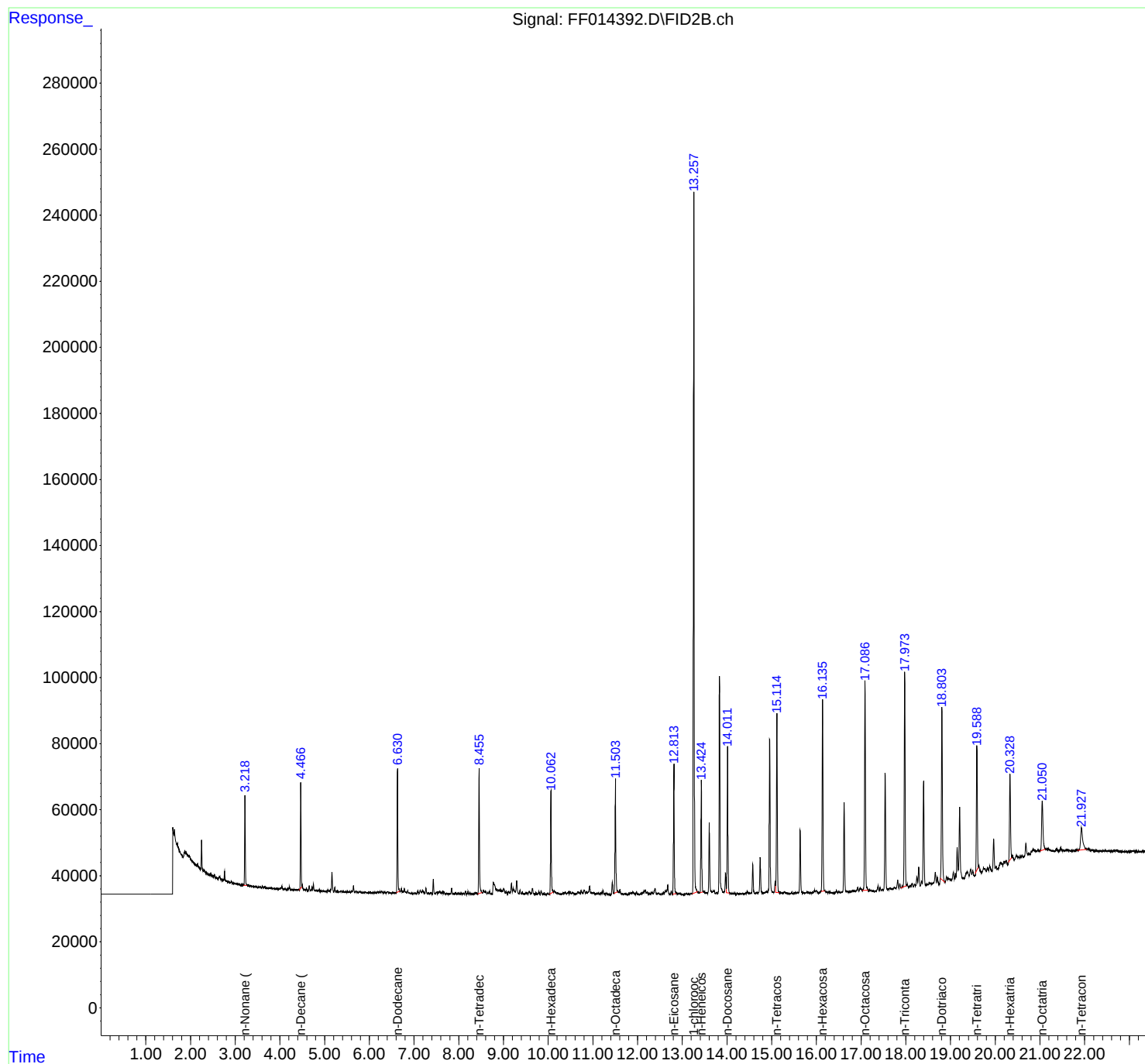
(m)=manual int.

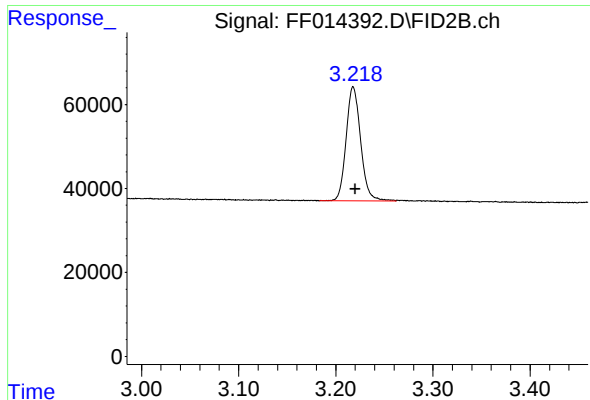
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#1 n-Nonane (C9)

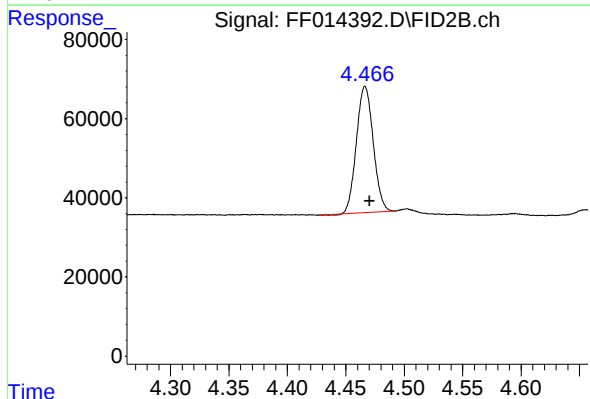
R.T.: 3.218 min
Delta R.T.: -0.002 min
Response: 280019
Conc: 2.17 ug/ml

Instrument :

FID_F

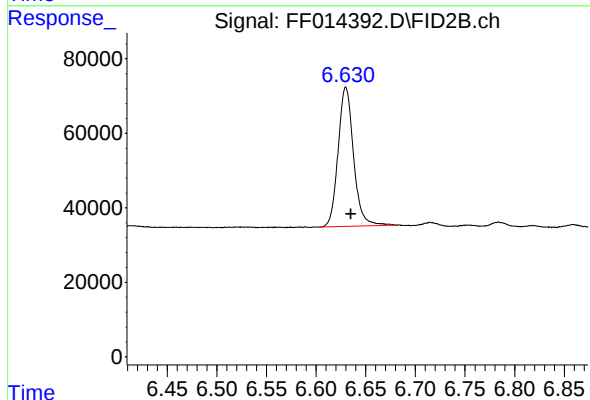
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



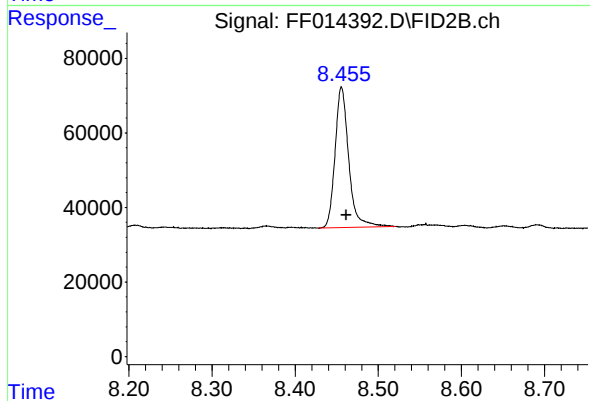
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.004 min
Response: 319345
Conc: 2.44 ug/ml



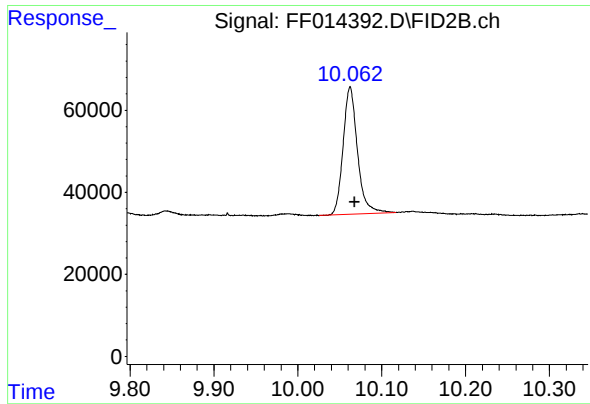
#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: -0.005 min
Response: 403981
Conc: 3.05 ug/ml



#6 n-Tetradecane (C14)

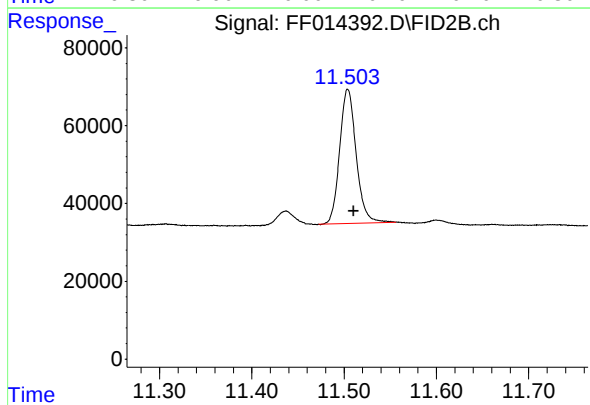
R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 430603
Conc: 3.35 ug/ml



#7 n-Hexadecane (C16)

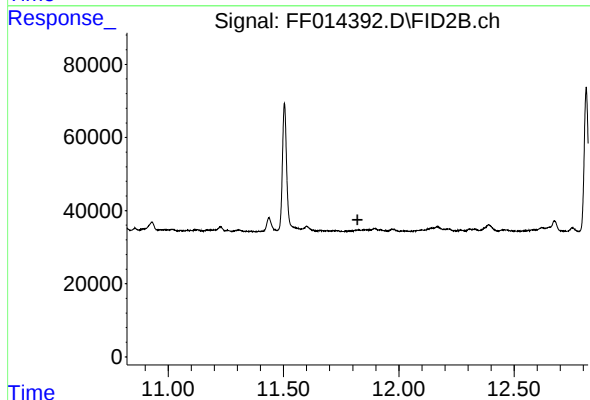
R.T.: 10.062 min
Delta R.T.: -0.005 min
Response: 369736
Conc: 2.86 ug/ml

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



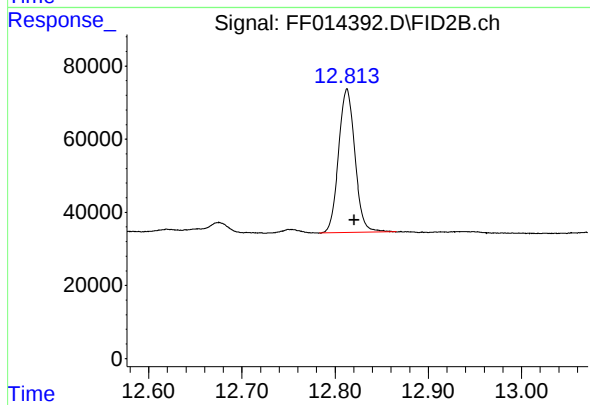
#8 n-Octadecane (C18)

R.T.: 11.504 min
Delta R.T.: -0.006 min
Response: 429491
Conc: 3.25 ug/ml



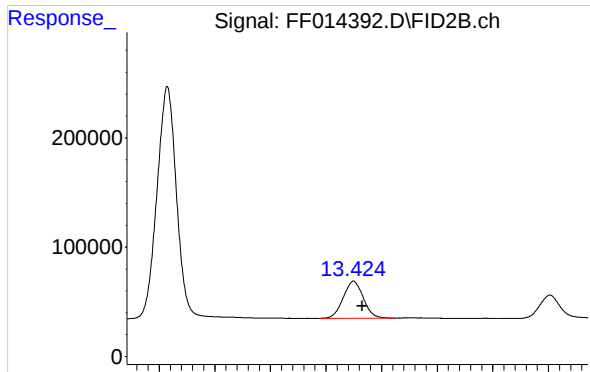
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.813 min
Delta R.T.: -0.008 min
Response: 479631
Conc: 3.82 ug/ml



#11 n-Heneicosane (C21)

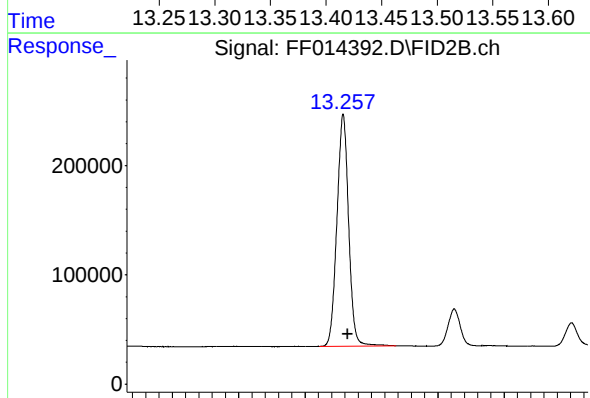
R.T.: 13.425 min
Delta R.T.: -0.008 min
Response: 423651
Conc: 3.45 ug/ml

Instrument :

FID_F

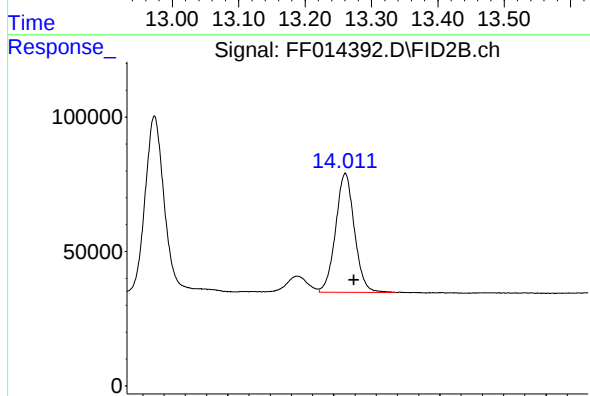
ClientSampleId :

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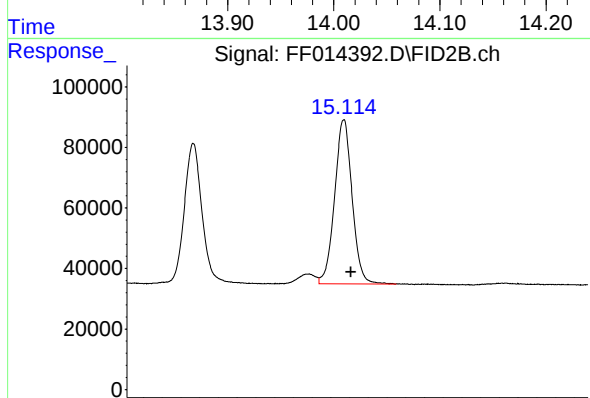
#12 1-chlorooctadecane (SURR)

R.T.: 13.257 min
Delta R.T.: -0.007 min
Response: 2599407
Conc: 27.80 ug/ml



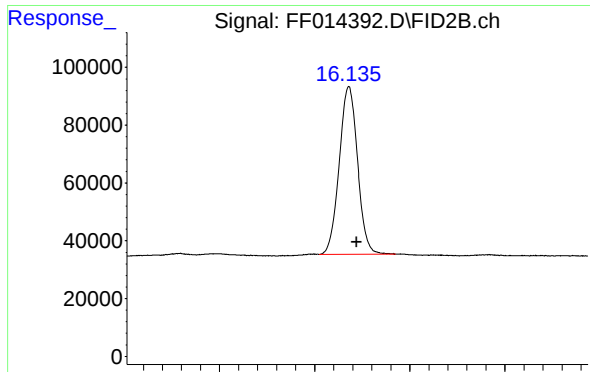
#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.008 min
Response: 544749
Conc: 4.55 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.008 min
Response: 703475
Conc: 6.02 ug/ml



#15 n-Hexacosane (C26)

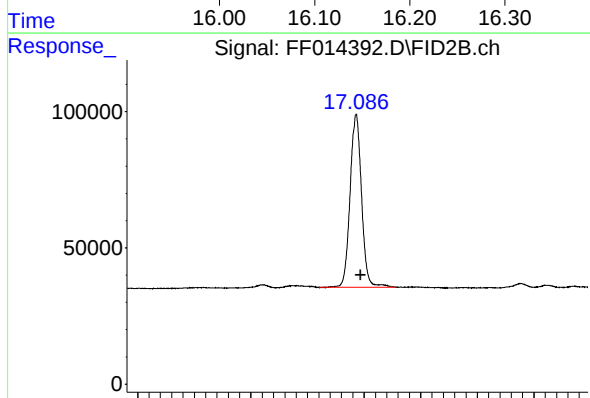
R.T.: 16.136 min
Delta R.T.: -0.008 min
Response: 775963
Conc: 6.87 ug/ml

Instrument :

FID_F

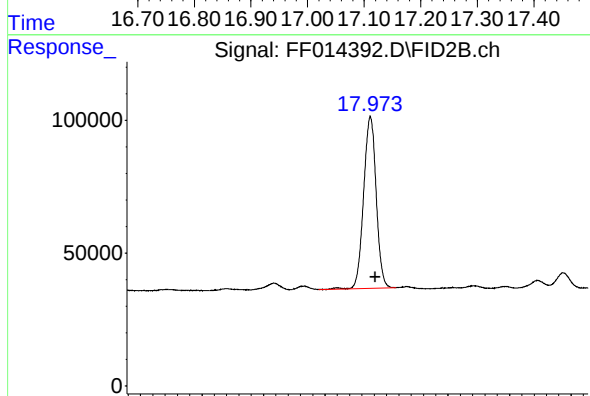
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



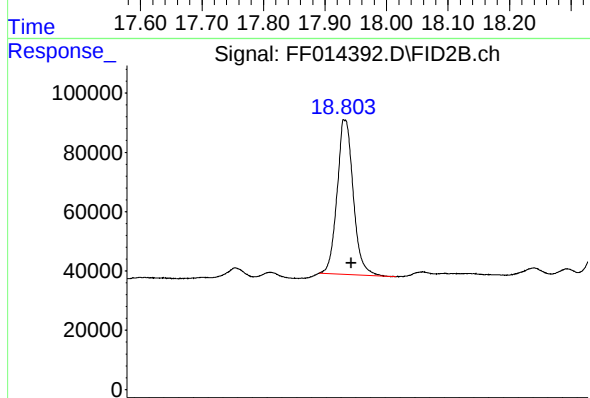
#16 n-Octacosane (C28)

R.T.: 17.086 min
Delta R.T.: -0.008 min
Response: 895139
Conc: 8.12 ug/ml



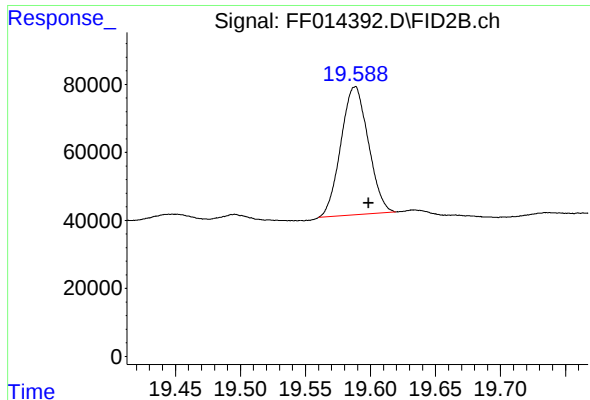
#17 n-Tricontane (C30)

R.T.: 17.974 min
Delta R.T.: -0.008 min
Response: 917409
Conc: 8.22 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.805 min
Delta R.T.: -0.009 min
Response: 794287
Conc: 7.24 ug/ml



#19 n-Tetratriacontane (C34)

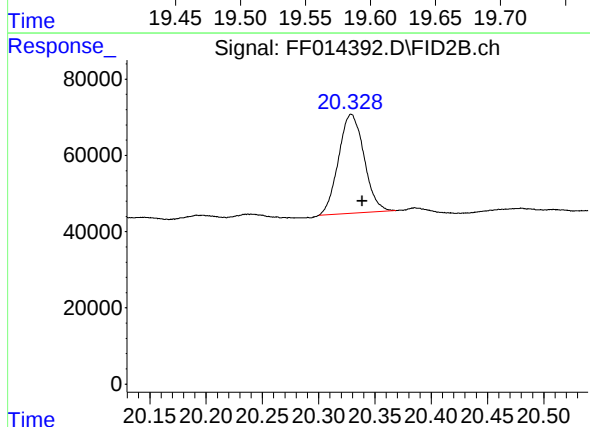
R.T.: 19.588 min
Delta R.T.: -0.010 min
Response: 553603
Conc: 5.39 ug/ml

Instrument :

FID_F

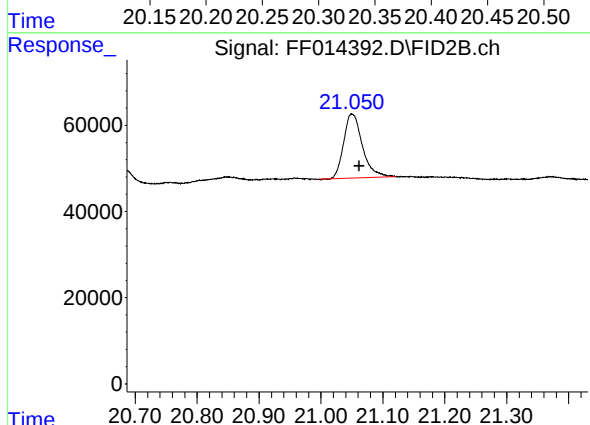
ClientSampleId :

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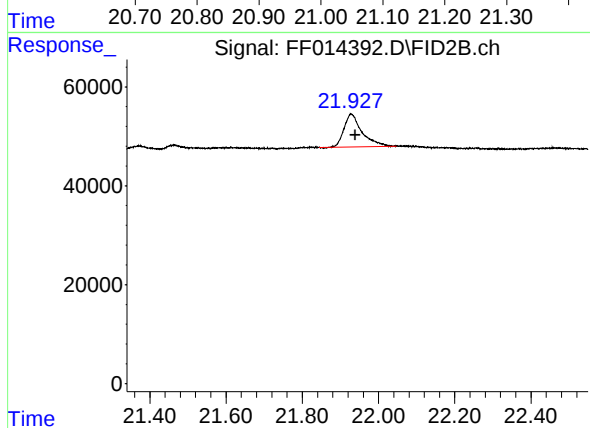
#20 n-Hexatriacontane (C36)

R.T.: 20.329 min
Delta R.T.: -0.010 min
Response: 410455
Conc: 4.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.050 min
Delta R.T.: -0.012 min
Response: 313958
Conc: 4.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.927 min
Delta R.T.: -0.012 min
Response: 219029
Conc: 4.90 ug/ml