

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061223AL\
 Data File : FF012870.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2023 13:44
 Operator : YP\AJ
 Sample : 02213-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :Ankita Jodhani 06/13/2023

Integration File: autoint1.e
 Quant Time: Jun 13 00:49:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 12 16:29:21 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...	12.318	4409146	37.307 ug/ml
Spiked Amount 50.000		Recovery =	74.61%
Target Compounds			
1) T n-Nonane (C9)	2.751	156710	1.197 ug/mlm
2) T n-Decane (C10)	3.759	179945	1.347 ug/mlm
4) T n-Dodecane (C12)	5.743	224691	1.660 ug/mlm
6) T n-Tetradecane (C14)	7.530	229875	1.718 ug/mlm
7) T n-Hexadecane (C16)	9.127	242205	1.750 ug/mlm
8) T n-Octadecane (C18)	10.565	284264	1.997 ug/mlm
10) T n-Eicosane (C20)	11.870	280977	2.043 ug/ml
11) T n-Heneicosane (C21)	12.480	250934	1.855 ug/ml
13) T n-Docosane (C22)	13.065	272261	2.034 ug/ml
14) T n-Tetracosane (C24)	14.167	262247	1.994 ug/ml
15) T n-Hexacosane (C26)	15.186	255915	2.013 ug/ml
16) T n-Octacosane (C28)	16.134	263217	2.141 ug/ml
17) T n-Tricontane (C30)	17.019	295891	2.397 ug/ml
18) T n-Dotriacontane (C32)	17.849	310538	2.567 ug/ml
19) T n-Tetratriacontane (C34)	18.631	284199	2.429 ug/ml
20) T n-Hexatriacontane (C36)	19.370	240313	2.133 ug/ml
21) T n-Octatriacontane (C38)	20.094	224856	2.019 ug/mlm
22) T n-Tetracontane (C40)	20.978	195451	1.771 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Mon Jun 12 16:29:21 2023

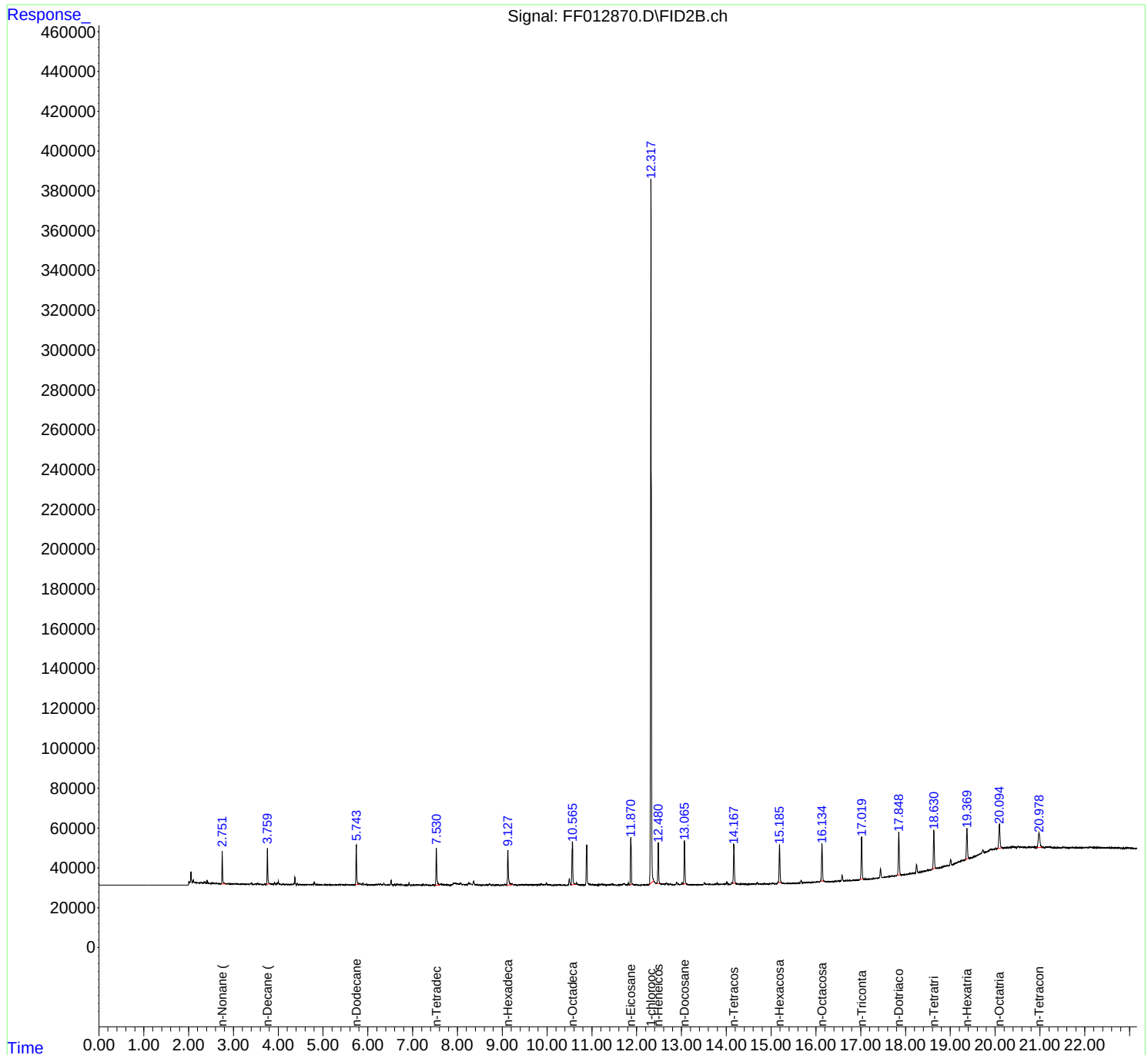
Response via : Initial Calibration

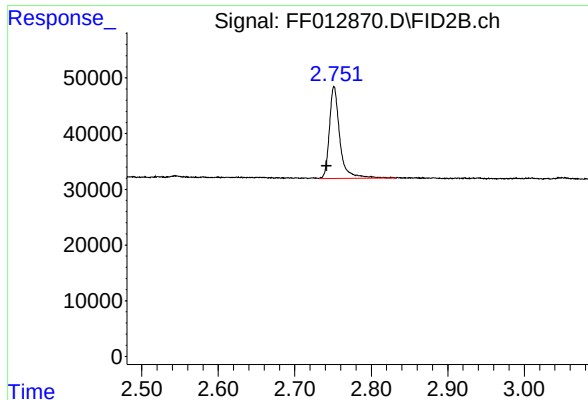
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.751 min
Delta R.T.: 0.009 min
Response: 156710
Conc: 1.20 ug/ml

Instrument :

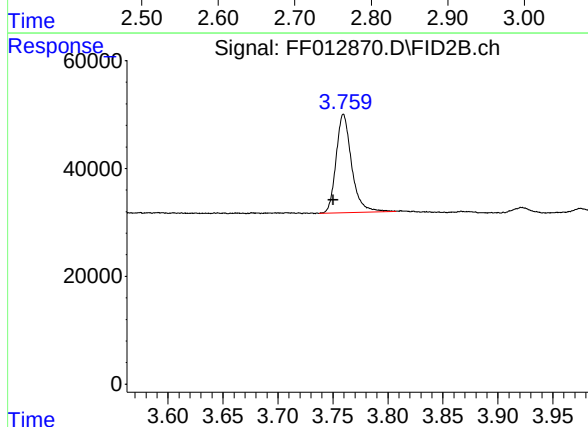
FID_F

ClientSampleId :

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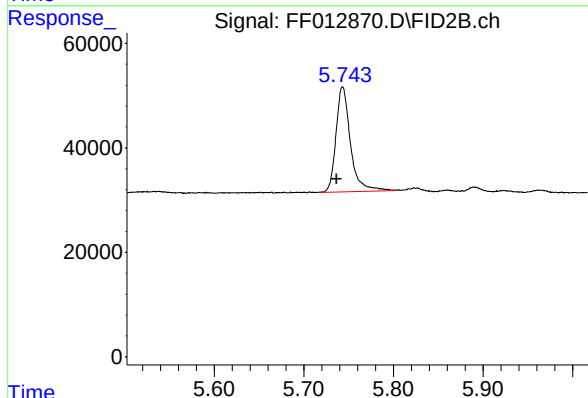
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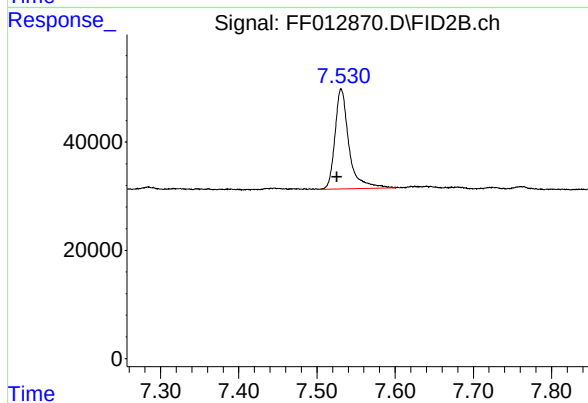
#2 n-Decane (C10)

R.T.: 3.759 min
Delta R.T.: 0.009 min
Response: 179945
Conc: 1.35 ug/ml m



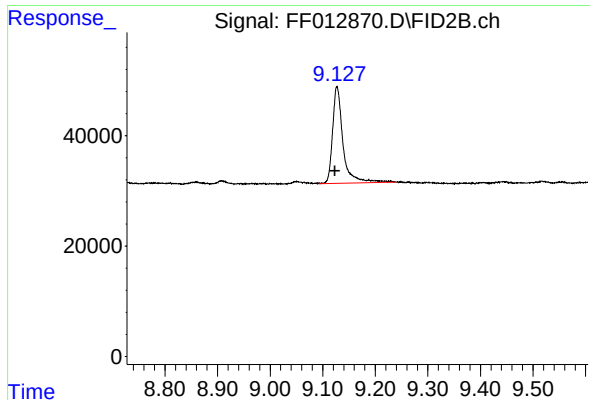
#4 n-Dodecane (C12)

R.T.: 5.743 min
Delta R.T.: 0.006 min
Response: 224691
Conc: 1.66 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 7.530 min
Delta R.T.: 0.005 min
Response: 229875
Conc: 1.72 ug/ml m



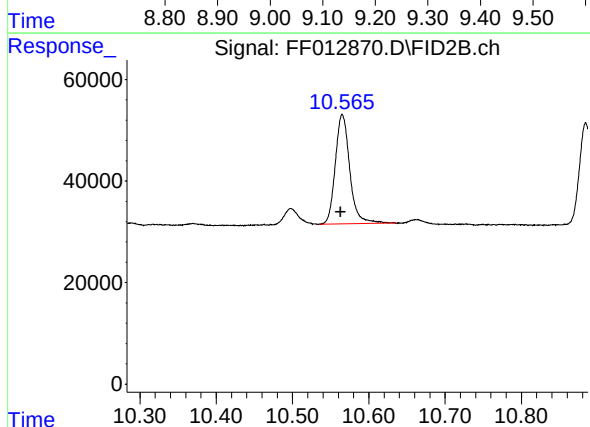
#7 n-Hexadecane (C16)

R.T.: 9.127 min
Delta R.T.: 0.003 min
Response: 242205
Conc: 1.75 ug/ml

Instrument : FID_F
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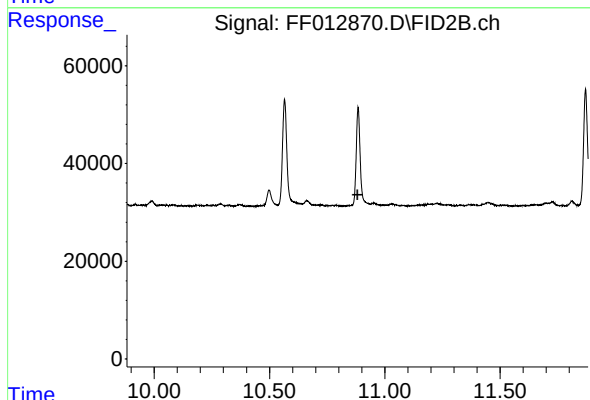
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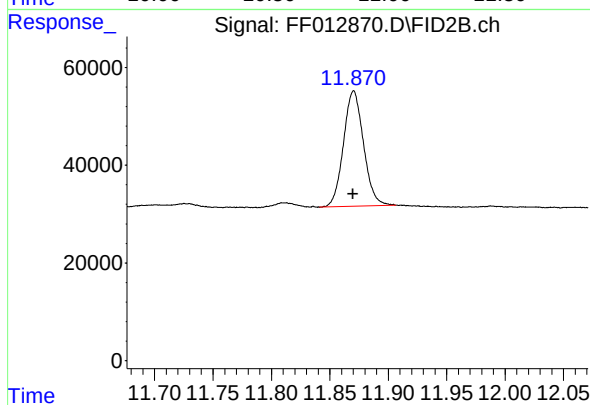
#8 n-Octadecane (C18)

R.T.: 10.565 min
Delta R.T.: 0.002 min
Response: 284264
Conc: 2.00 ug/ml m



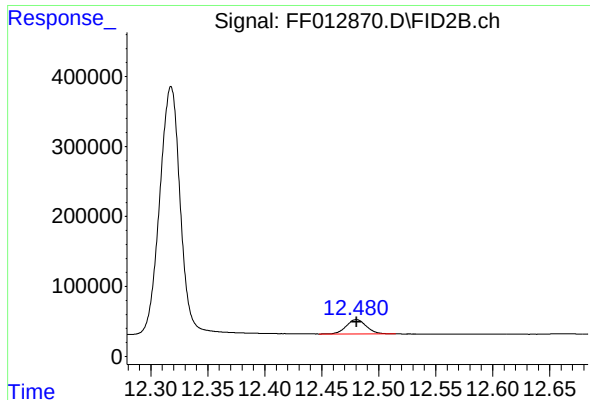
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 10.882 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.870 min
Delta R.T.: 0.000 min
Response: 280977
Conc: 2.04 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 250934
Conc: 1.86 ug/ml

Instrument :

FID_F

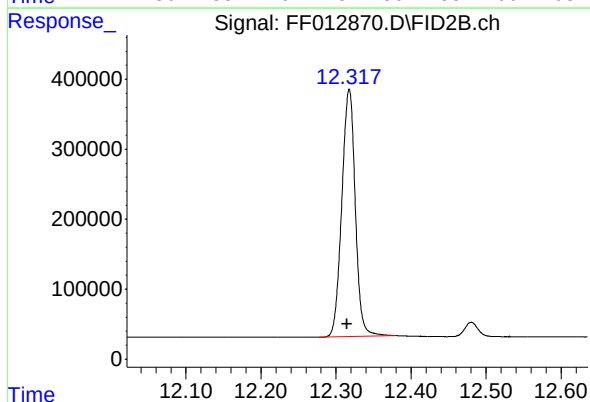
ClientSampleId :

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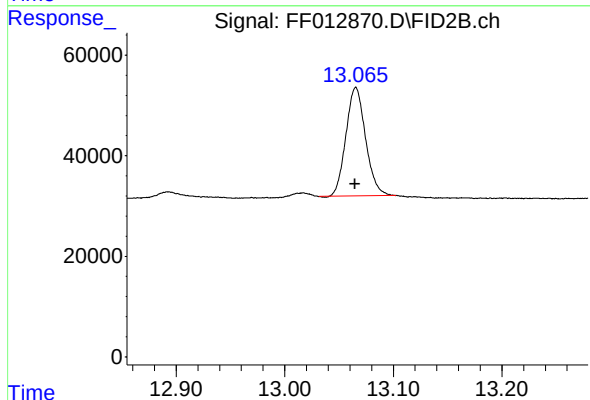
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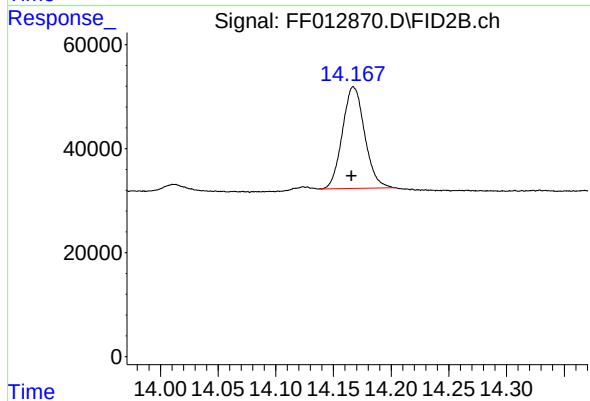
#12 1-chlorooctadecane (SURR)

R.T.: 12.318 min
Delta R.T.: 0.003 min
Response: 4409146
Conc: 37.31 ug/ml



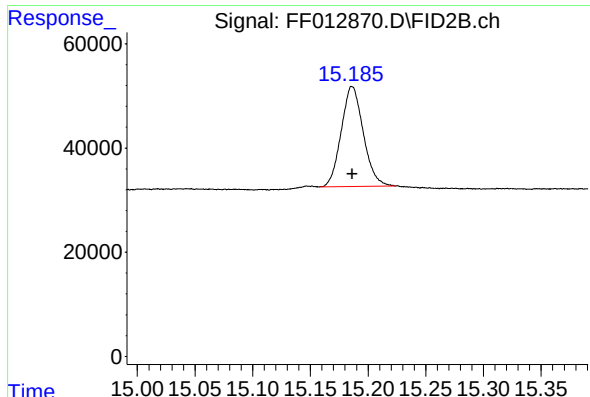
#13 n-Docosane (C22)

R.T.: 13.065 min
Delta R.T.: 0.000 min
Response: 272261
Conc: 2.03 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.167 min
Delta R.T.: 0.002 min
Response: 262247
Conc: 1.99 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.186 min
Delta R.T.: 0.000 min
Response: 255915
Conc: 2.01 ug/ml

Instrument :

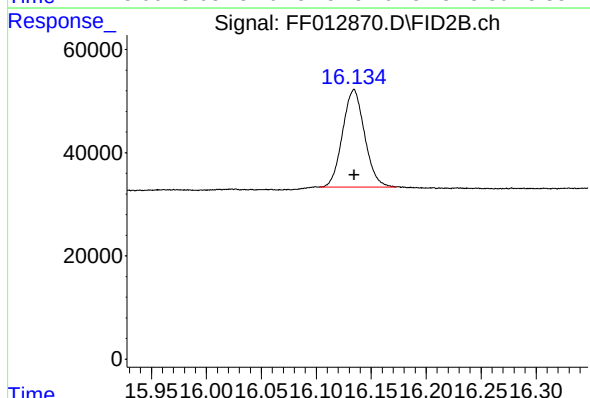
FID_F

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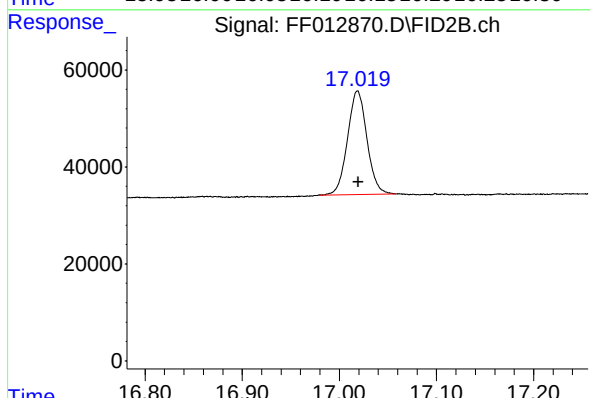
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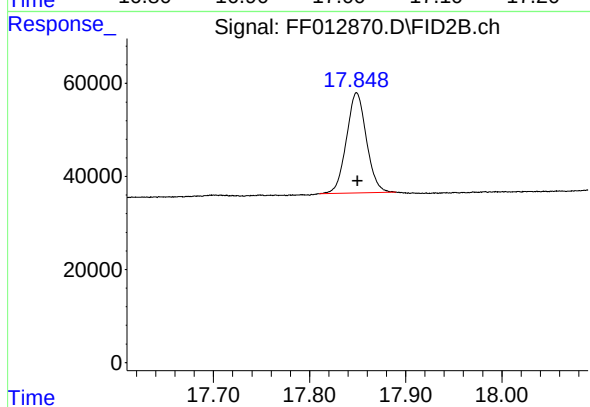
#16 n-Octacosane (C28)

R.T.: 16.134 min
Delta R.T.: 0.000 min
Response: 263217
Conc: 2.14 ug/ml



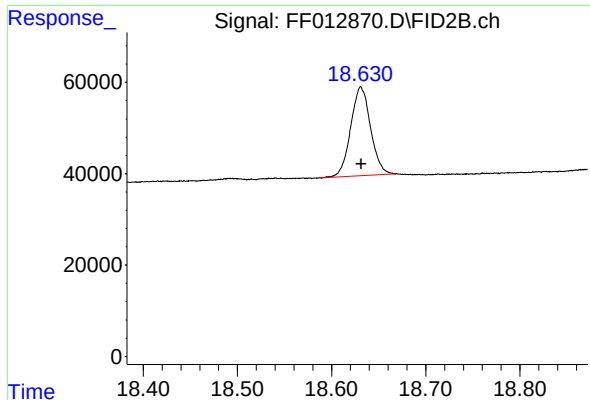
#17 n-Tricontane (C30)

R.T.: 17.019 min
Delta R.T.: 0.000 min
Response: 295891
Conc: 2.40 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.849 min
Delta R.T.: -0.001 min
Response: 310538
Conc: 2.57 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 18.631 min
Delta R.T.: 0.000 min
Response: 284199
Conc: 2.43 ug/ml

Instrument :

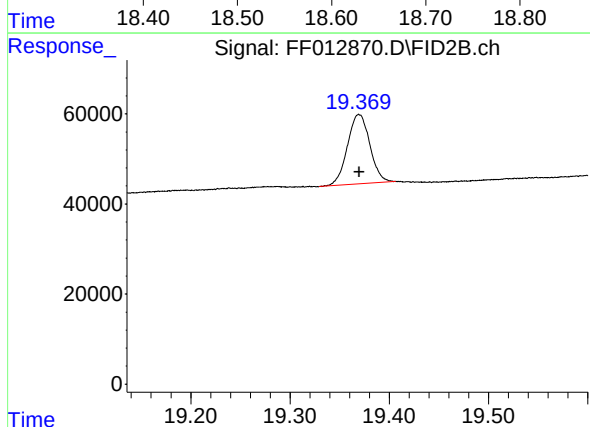
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ClientSampleId :

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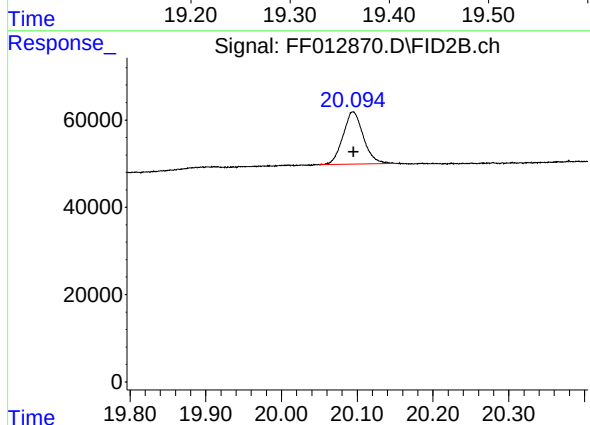
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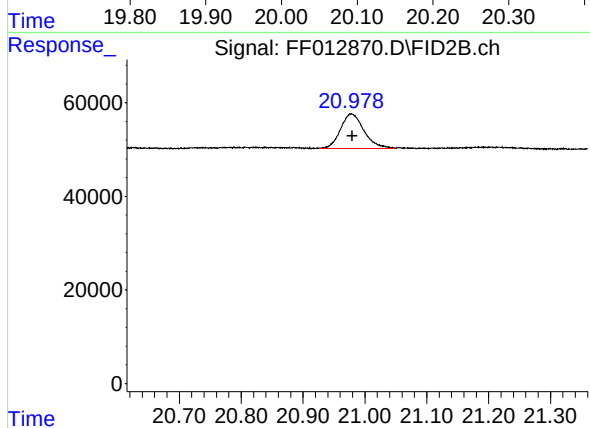
#20 n-Hexatriacontane (C36)

R.T.: 19.370 min
Delta R.T.: 0.000 min
Response: 240313
Conc: 2.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.094 min
Delta R.T.: -0.001 min
Response: 224856
Conc: 2.02 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.978 min
Delta R.T.: -0.002 min
Response: 195451
Conc: 1.77 ug/ml m