

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061223AL\
 Data File : FF012871.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2023 14:13
 Operator : YP\AJ
 Sample : 02213-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 14 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 00:49:31 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...	12.317	4304813	36.424 ug/ml
Spiked Amount 50.000		Recovery =	72.85%
Target Compounds			
1) T n-Nonane (C9)	2.750	231398	1.768 ug/mlm
2) T n-Decane (C10)	3.758	283364	2.121 ug/mlm
4) T n-Dodecane (C12)	5.743	342293	2.529 ug/mlm
6) T n-Tetradecane (C14)	7.530	327822	2.450 ug/mlm
7) T n-Hexadecane (C16)	9.127	332615	2.403 ug/mlm
8) T n-Octadecane (C18)	10.565	401834	2.823 ug/mlm
10) T n-Eicosane (C20)	11.870	403540	2.934 ug/ml
11) T n-Heneicosane (C21)	12.480	388873	2.875 ug/ml
13) T n-Docosane (C22)	13.066	400314	2.990 ug/ml
14) T n-Tetracosane (C24)	14.168	388662	2.956 ug/ml
15) T n-Hexacosane (C26)	15.186	376543	2.961 ug/ml
16) T n-Octacosane (C28)	16.135	377838	3.073 ug/ml
17) T n-Tricontane (C30)	17.020	406797	3.295 ug/ml
18) T n-Dotriacontane (C32)	17.851	425898	3.520 ug/ml
19) T n-Tetratriacontane (C34)	18.633	400498	3.423 ug/ml
20) T n-Hexatriacontane (C36)	19.373	348163	3.090 ug/ml
21) T n-Octatriacontane (C38)	20.097	318490	2.859 ug/ml
22) T n-Tetracontane (C40)	20.981	295416	2.677 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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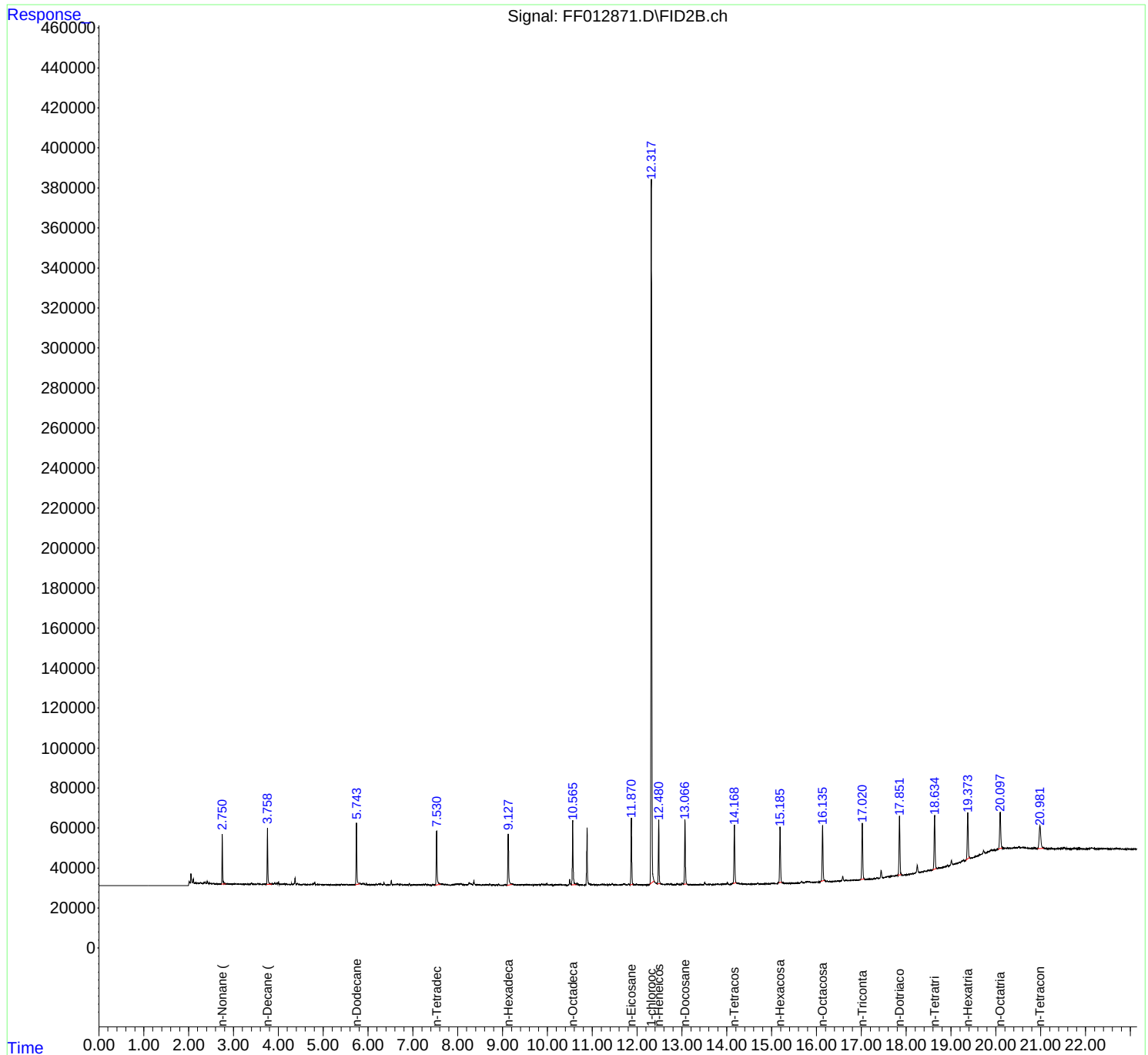
Instrument :
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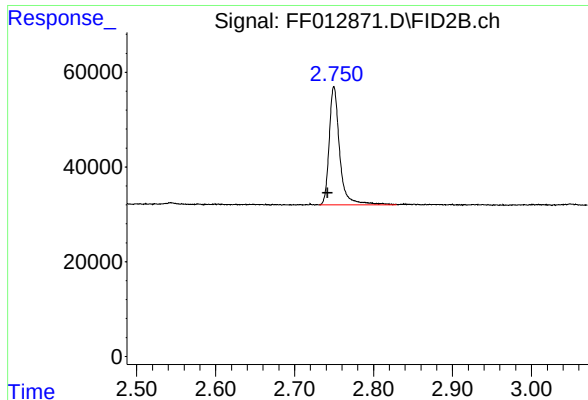
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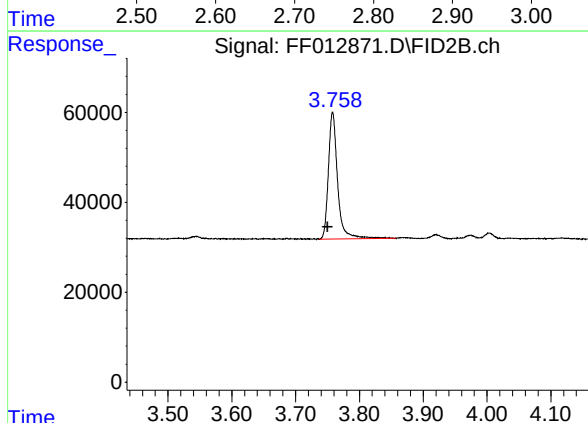
#1 n-Nonane (C9)

R.T.: 2.750 min
Delta R.T.: 0.008 min
Response: 231398
Conc: 1.77 ug/ml

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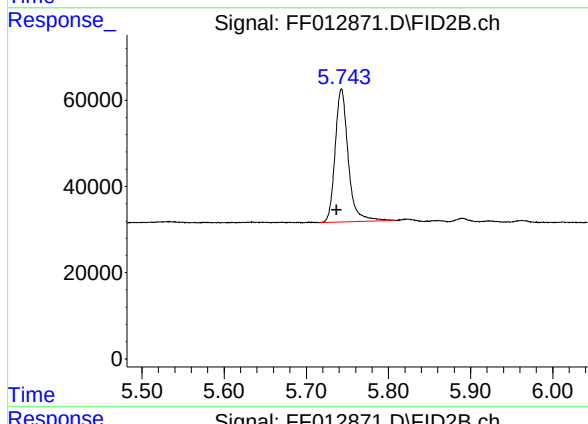
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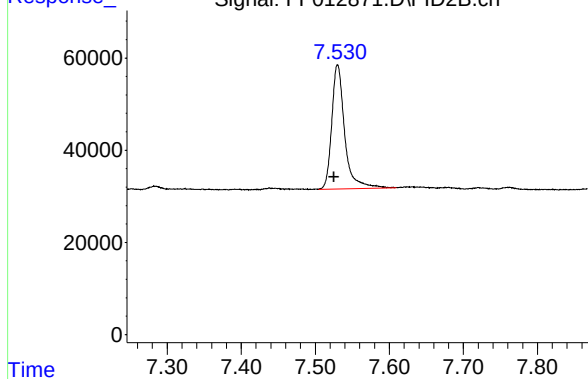
#2 n-Decane (C10)

R.T.: 3.758 min
Delta R.T.: 0.007 min
Response: 283364
Conc: 2.12 ug/ml m



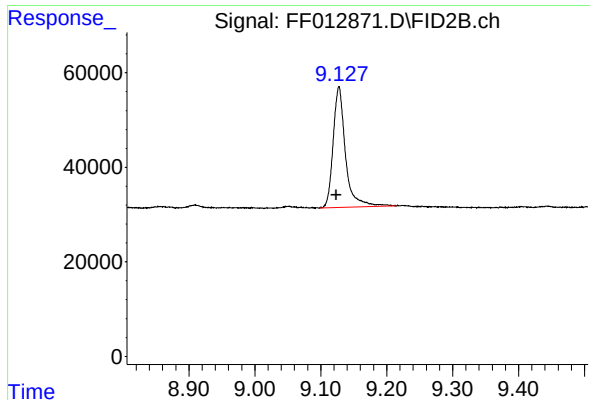
#4 n-Dodecane (C12)

R.T.: 5.743 min
Delta R.T.: 0.006 min
Response: 342293
Conc: 2.53 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 7.530 min
Delta R.T.: 0.004 min
Response: 327822
Conc: 2.45 ug/ml m



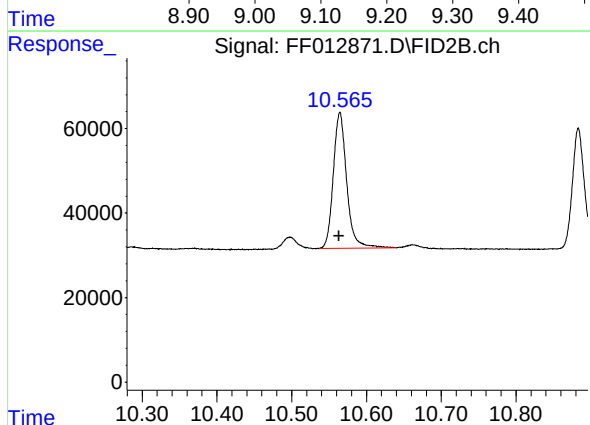
#7 n-Hexadecane (C16)

R.T.: 9.127 min
Delta R.T.: 0.004 min
Response: 332615
Conc: 2.40 ug/ml

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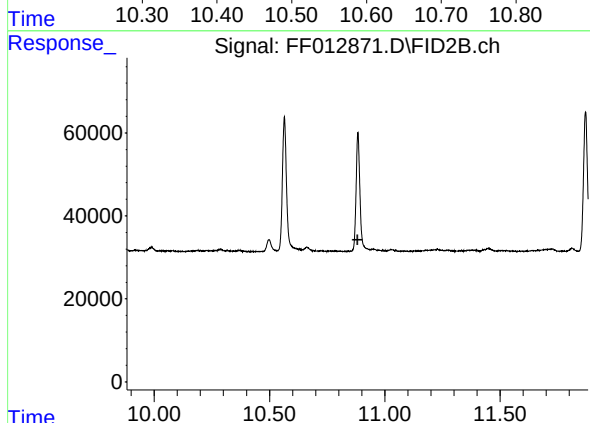
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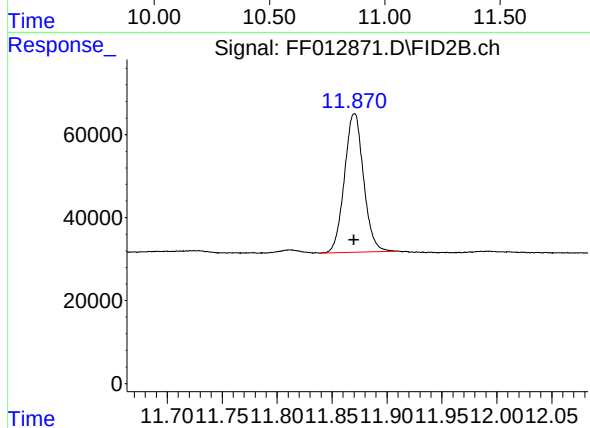
#8 n-Octadecane (C18)

R.T.: 10.565 min
Delta R.T.: 0.001 min
Response: 401834
Conc: 2.82 ug/ml



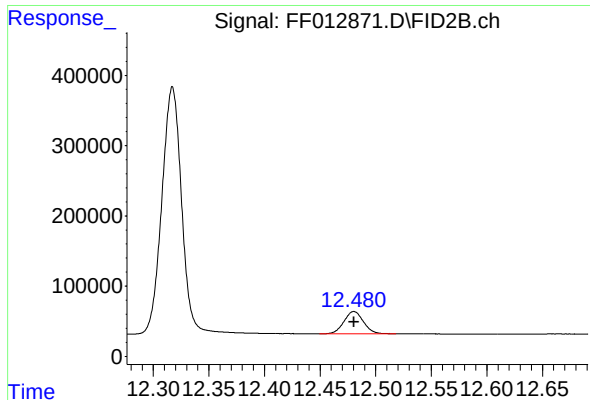
#9 ortho-Terphenyl (SURR)

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: 403540
Conc: 2.93 ug/ml



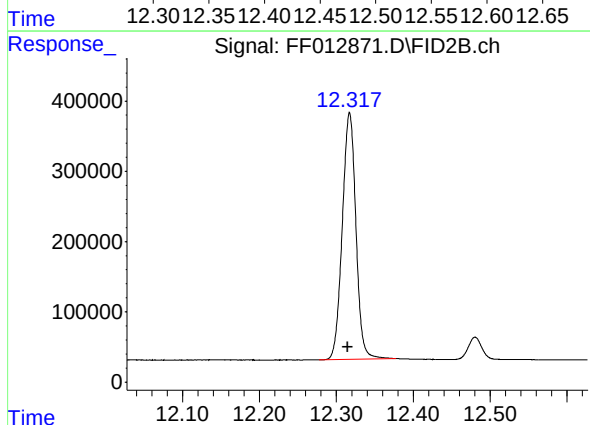
#11 n-Heneicosane (C21)

R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 388873
Conc: 2.88 ug/ml

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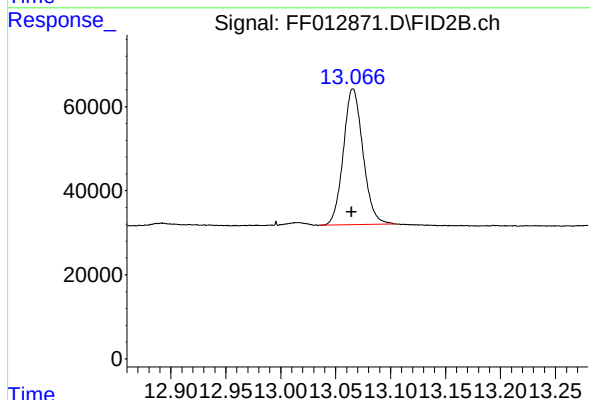
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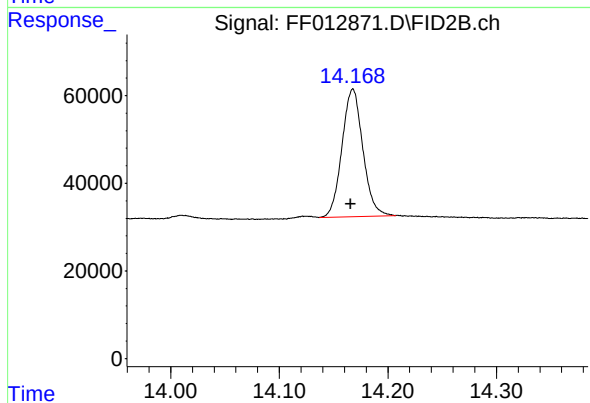
#12 1-chlorooctadecane (SURR)

R.T.: 12.317 min
Delta R.T.: 0.003 min
Response: 4304813
Conc: 36.42 ug/ml



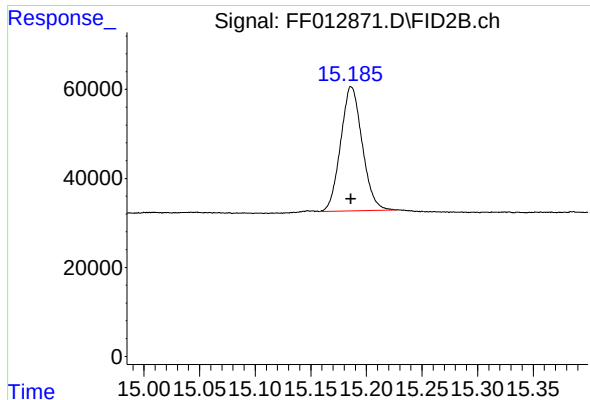
#13 n-Docosane (C22)

R.T.: 13.066 min
Delta R.T.: 0.001 min
Response: 400314
Conc: 2.99 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.168 min
Delta R.T.: 0.002 min
Response: 388662
Conc: 2.96 ug/ml



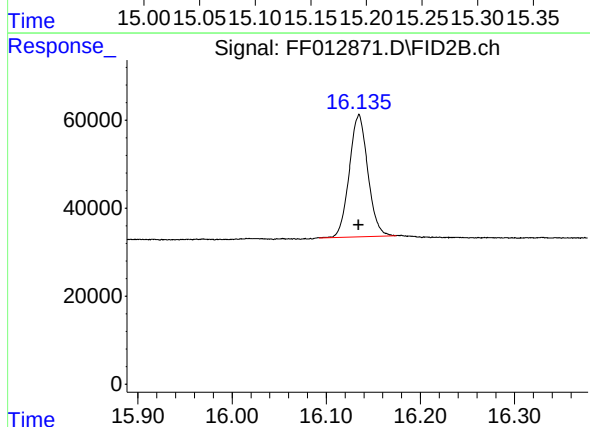
#15 n-Hexacosane (C26)

R.T.: 15.186 min
Delta R.T.: 0.000 min
Response: 376543
Conc: 2.96 ug/ml

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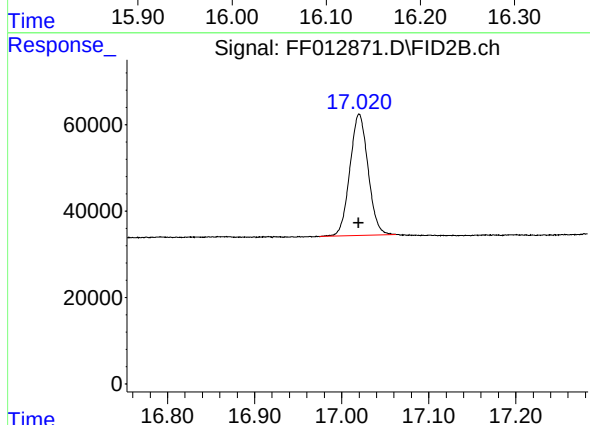
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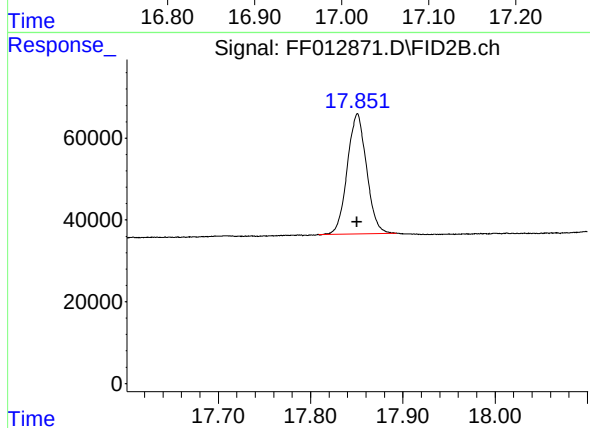
#16 n-Octacosane (C28)

R.T.: 16.135 min
Delta R.T.: 0.000 min
Response: 377838
Conc: 3.07 ug/ml



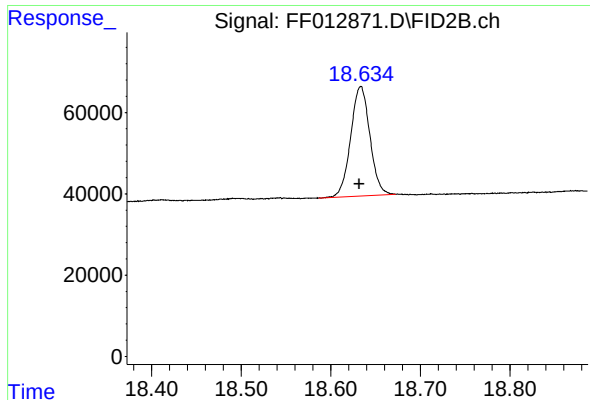
#17 n-Tricontane (C30)

R.T.: 17.020 min
Delta R.T.: 0.000 min
Response: 406797
Conc: 3.30 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.851 min
Delta R.T.: 0.000 min
Response: 425898
Conc: 3.52 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 18.633 min
Delta R.T.: 0.002 min
Response: 400498
Conc: 3.42 ug/ml

Instrument :

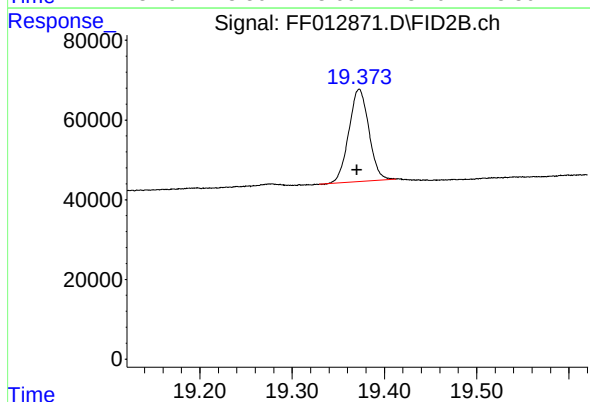
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ClientSampleId :

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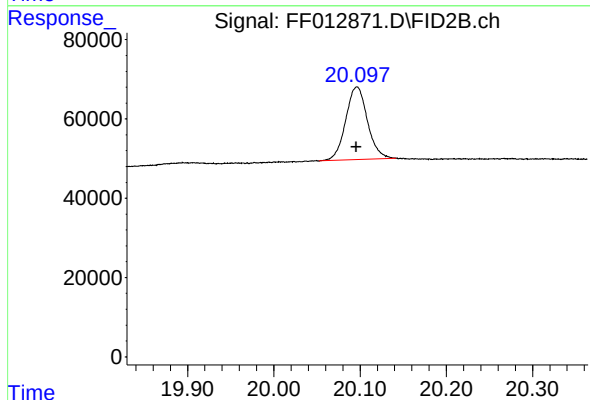
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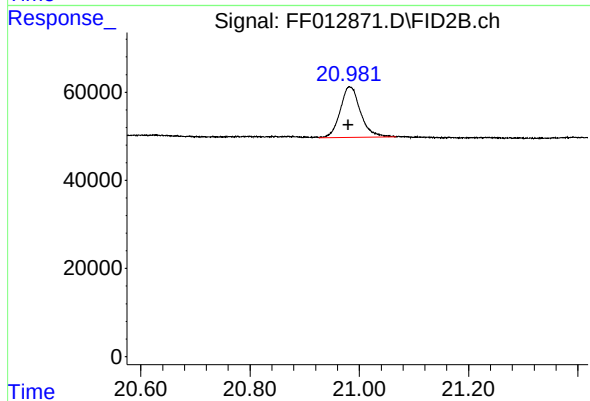
#20 n-Hexatriacontane (C36)

R.T.: 19.373 min
Delta R.T.: 0.003 min
Response: 348163
Conc: 3.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.097 min
Delta R.T.: 0.001 min
Response: 318490
Conc: 2.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.981 min
Delta R.T.: 0.001 min
Response: 295416
Conc: 2.68 ug/ml m