

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051024AL\
 Data File : FC066380.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 17:07
 Operator : YP/AJ
 Sample : P2403-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 00:54:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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...	13.001	5419886	44.186 ug/ml
Spiked Amount 50.000		Recovery =	88.37%
Target Compounds			
1) T n-Nonane (C9)	3.314	410122	2.715 ug/ml
2) T n-Decane (C10)	4.382	506858	3.296 ug/ml
4) T n-Dodecane (C12)	6.403	663009	4.314 ug/ml
6) T n-Tetradecane (C14)	8.199	601405	3.974 ug/ml
7) T n-Hexadecane (C16)	9.801	607367	3.972 ug/ml
8) T n-Octadecane (C18)	11.243	650829	4.288 ug/ml
10) T n-Eicosane (C20)	12.553	660887	4.594 ug/ml
11) T n-Heneicosane (C21)	13.166	632823	4.502 ug/ml
13) T n-Docosane (C22)	13.752	696610	4.976 ug/ml
14) T n-Tetracosane (C24)	14.856	762100	5.413 ug/ml
15) T n-Hexacosane (C26)	15.876	782755	5.723 ug/mlm
16) T n-Octacosane (C28)	16.828	812957	6.070 ug/mlm
17) T n-Tricontane (C30)	17.717	828645	6.149 ug/mlm
18) T n-Dotriacontane (C32)	18.550	833793	6.476 ug/ml
19) T n-Tetratriacontane (C34)	19.333	688371	5.818 ug/mlm
20) T n-Hexatriacontane (C36)	20.074	595810	5.183 ug/mlm
21) T n-Octatriacontane (C38)	20.806	539773	5.015 ug/mlm
22) T n-Tetracontane (C40)	21.716	564017	5.260 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P2403-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

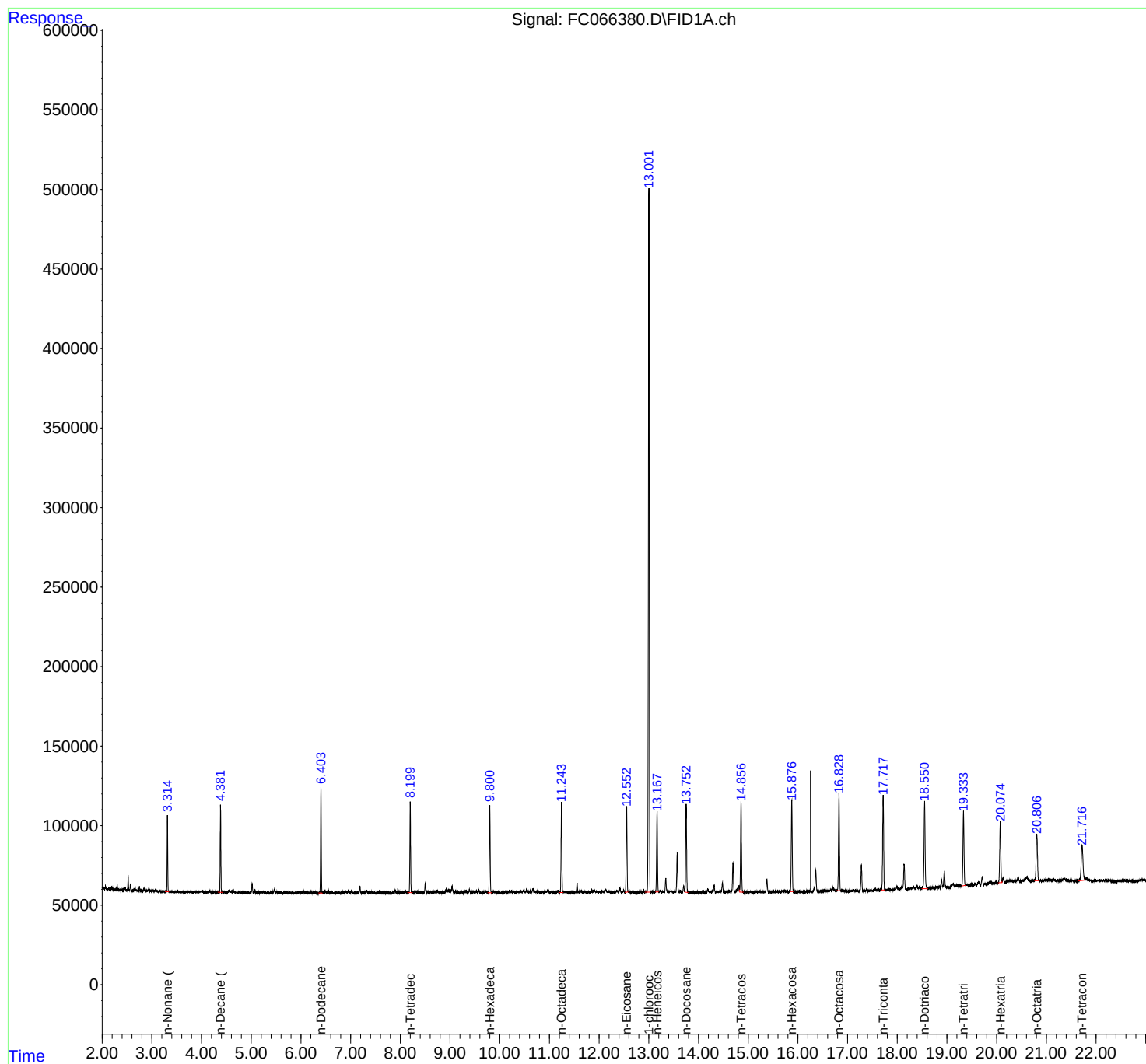
Instrument :
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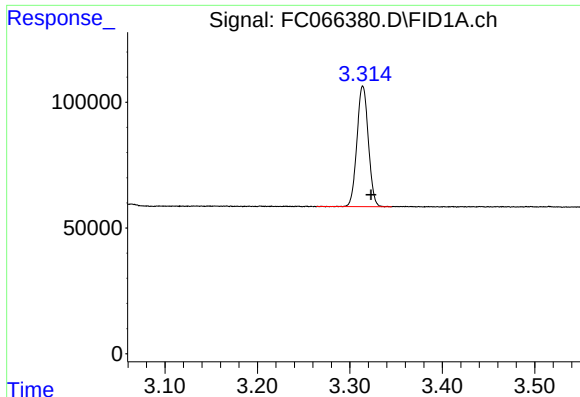
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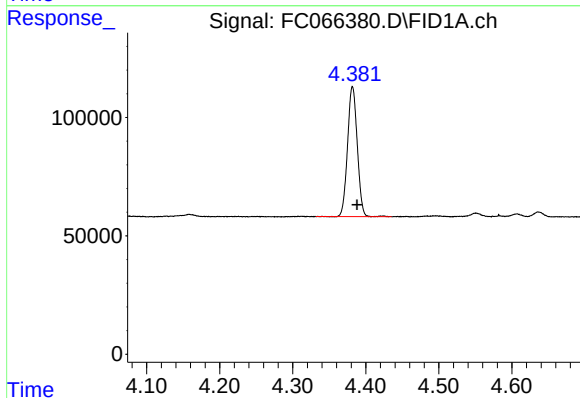
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 410122
Conc: 2.72 ug/ml

Instrument :
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ClientSampleId :
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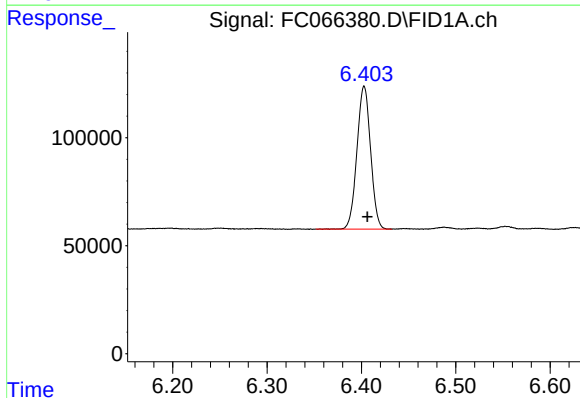
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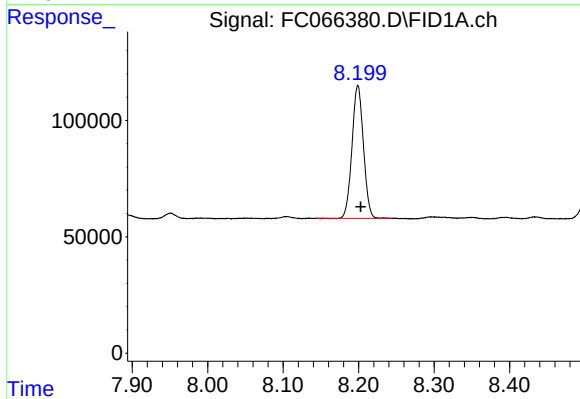
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: -0.006 min
Response: 506858
Conc: 3.30 ug/ml



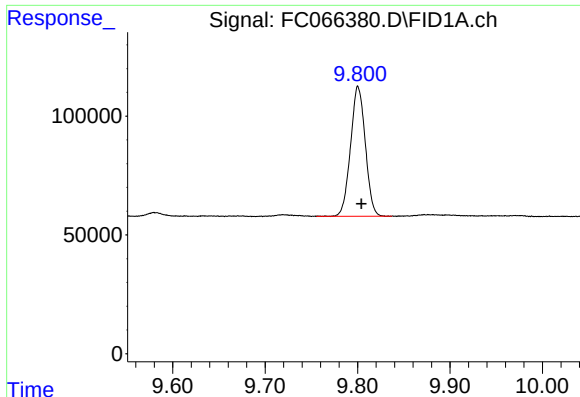
#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 663009
Conc: 4.31 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.003 min
Response: 601405
Conc: 3.97 ug/ml



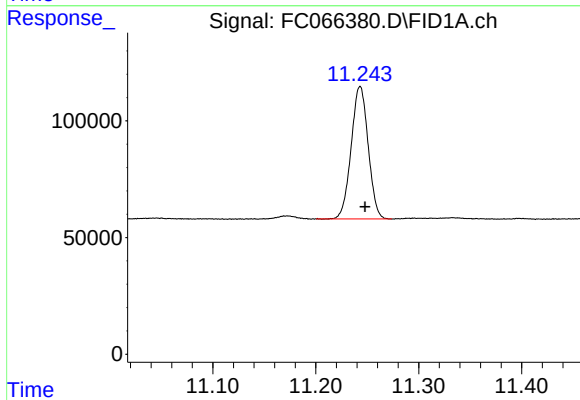
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.004 min
Response: 607367
Conc: 3.97 ug/ml

Instrument :
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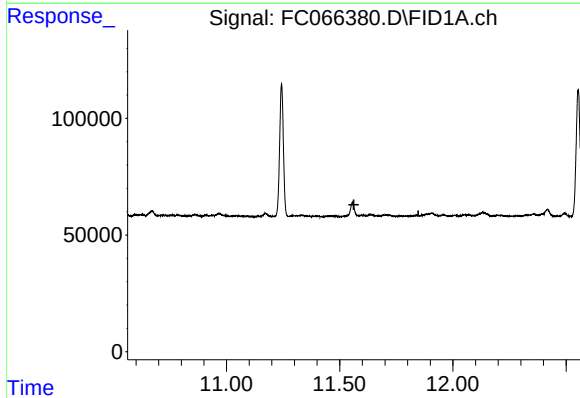
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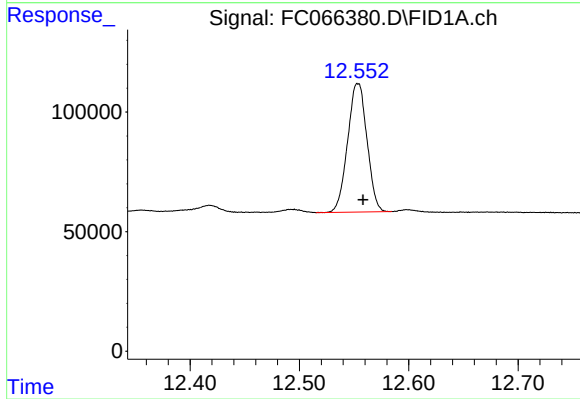
#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: -0.005 min
Response: 650829
Conc: 4.29 ug/ml



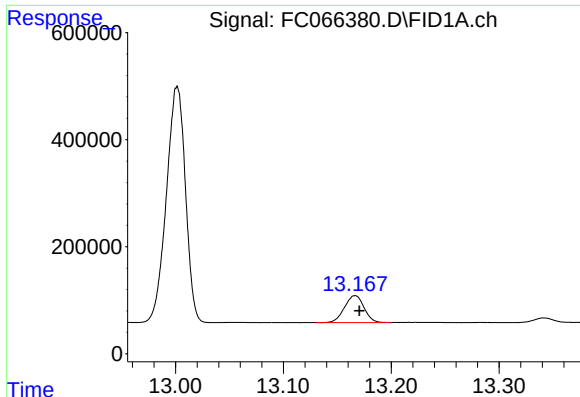
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.005 min
Response: 660887
Conc: 4.59 ug/ml



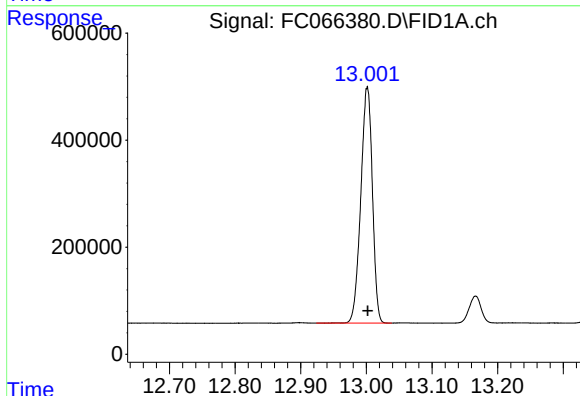
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.004 min
Response: 632823
Conc: 4.50 ug/ml

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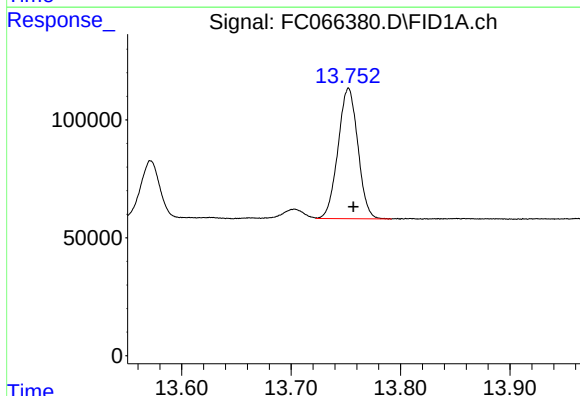
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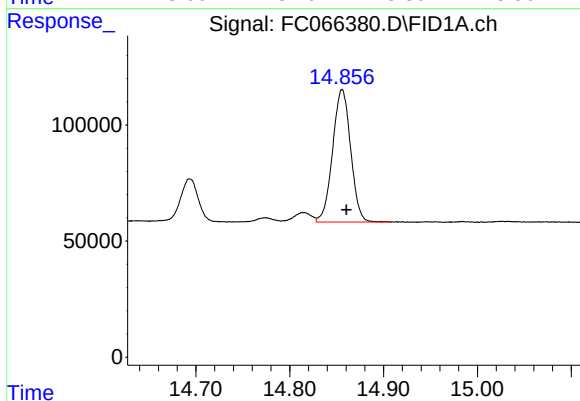
#12 1-chlorooctadecane (SURR)

R.T.: 13.001 min
Delta R.T.: 0.000 min
Response: 5419886
Conc: 44.19 ug/ml



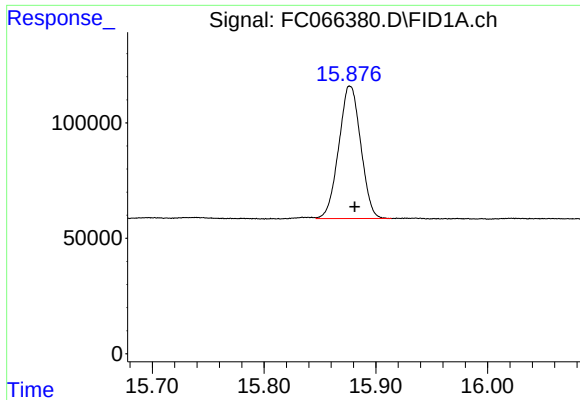
#13 n-Docosane (C22)

R.T.: 13.752 min
Delta R.T.: -0.004 min
Response: 696610
Conc: 4.98 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.856 min
Delta R.T.: -0.004 min
Response: 762100
Conc: 5.41 ug/ml



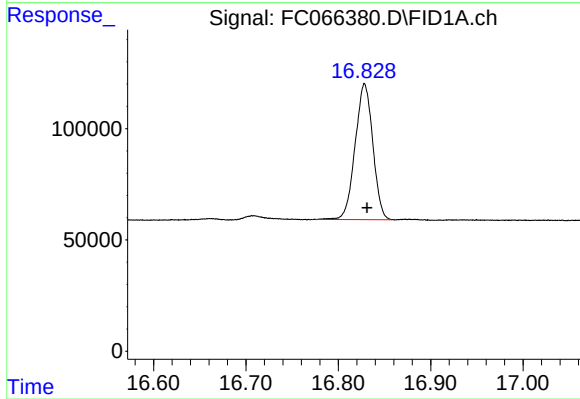
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: -0.005 min
Response: 782755
Conc: 5.72 ug/ml

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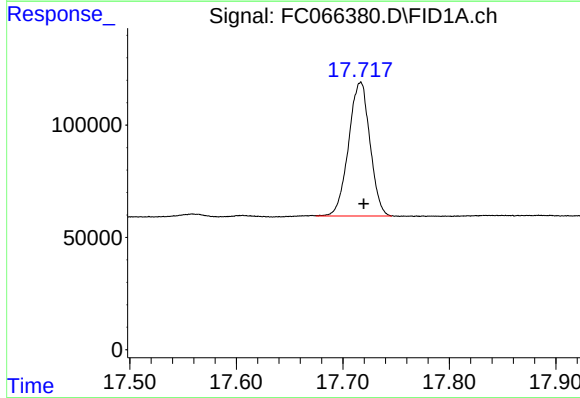
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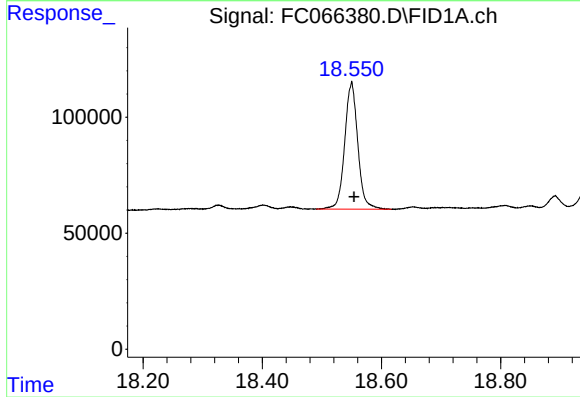
#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: -0.004 min
Response: 812957
Conc: 6.07 ug/ml m



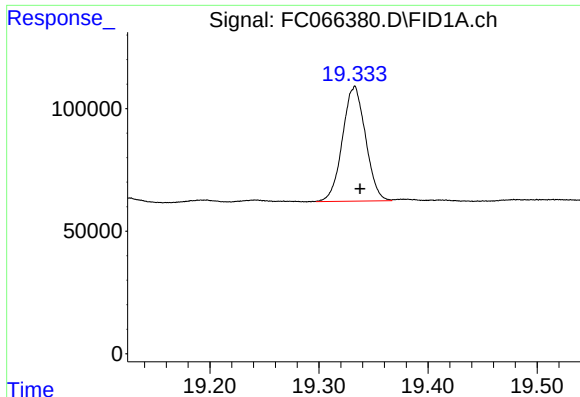
#17 n-Tricontane (C30)

R.T.: 17.717 min
Delta R.T.: -0.003 min
Response: 828645
Conc: 6.15 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.550 min
Delta R.T.: -0.005 min
Response: 833793
Conc: 6.48 ug/ml



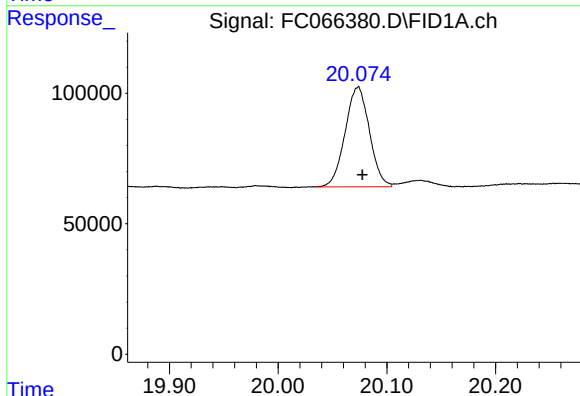
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min
Delta R.T.: -0.005 min
Response: 688371
Conc: 5.82 ug/ml

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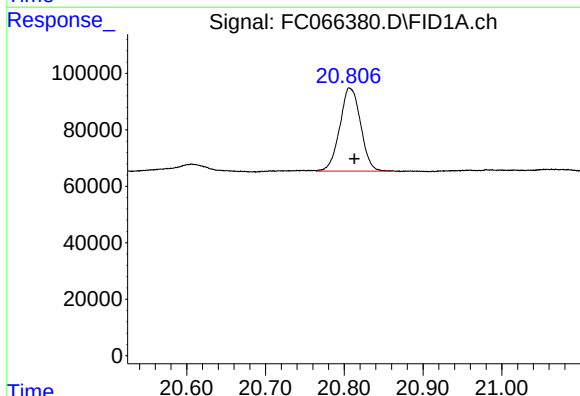
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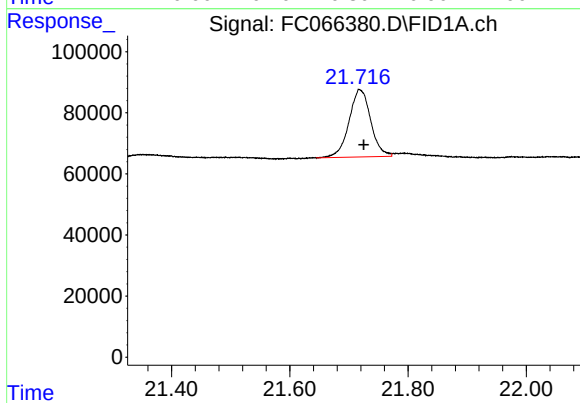
#20 n-Hexatriacontane (C36)

R.T.: 20.074 min
Delta R.T.: -0.004 min
Response: 595810
Conc: 5.18 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: -0.007 min
Response: 539773
Conc: 5.01 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.716 min
Delta R.T.: -0.010 min
Response: 564017
Conc: 5.26 ug/ml m