

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051024AL\
 Data File : FC066396.D
 Signal(s) : FID1A.ch
 Acq On : 11 May 2024 15:09
 Operator : YP/AJ
 Sample : P2403-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-SOIL-03-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 13 01:41:14 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...	13.000	5431666	44.282 ug/ml
Spiked Amount 50.000		Recovery =	88.56%
Target Compounds			
1) T n-Nonane (C9)	3.314	195735	1.296 ug/ml
2) T n-Decane (C10)	4.382	246883	1.605 ug/ml
4) T n-Dodecane (C12)	6.403	381444	2.482 ug/ml
6) T n-Tetradecane (C14)	8.198	316501	2.091 ug/ml
7) T n-Hexadecane (C16)	9.801	295871	1.935 ug/mlm
8) T n-Octadecane (C18)	11.243	307597	2.026 ug/ml
10) T n-Eicosane (C20)	12.554	309416	2.151 ug/ml
11) T n-Heneicosane (C21)	13.166	295806	2.104 ug/ml
13) T n-Docosane (C22)	13.751	316648	2.262 ug/ml
14) T n-Tetracosane (C24)	14.856	322190	2.289 ug/mlm
15) T n-Hexacosane (C26)	15.877	301537	2.204 ug/mlm
16) T n-Octacosane (C28)	16.826	297706	2.223 ug/ml
17) T n-Tricontane (C30)	17.714	300164	2.227 ug/ml
18) T n-Dotriacontane (C32)	18.548	320224	2.487 ug/ml
19) T n-Tetratriacontane (C34)	19.333	286041	2.418 ug/ml
20) T n-Hexatriacontane (C36)	20.071	359434	3.127 ug/mlm
21) T n-Octatriacontane (C38)	20.807	318533	2.959 ug/mlm
22) T n-Tetracontane (C40)	21.717	262625	2.449 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FC066396.D
Signal(s) : FID1A.ch
Acq On : 11 May 2024 15:09
Operator : YP/AJ
Sample : P2403-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

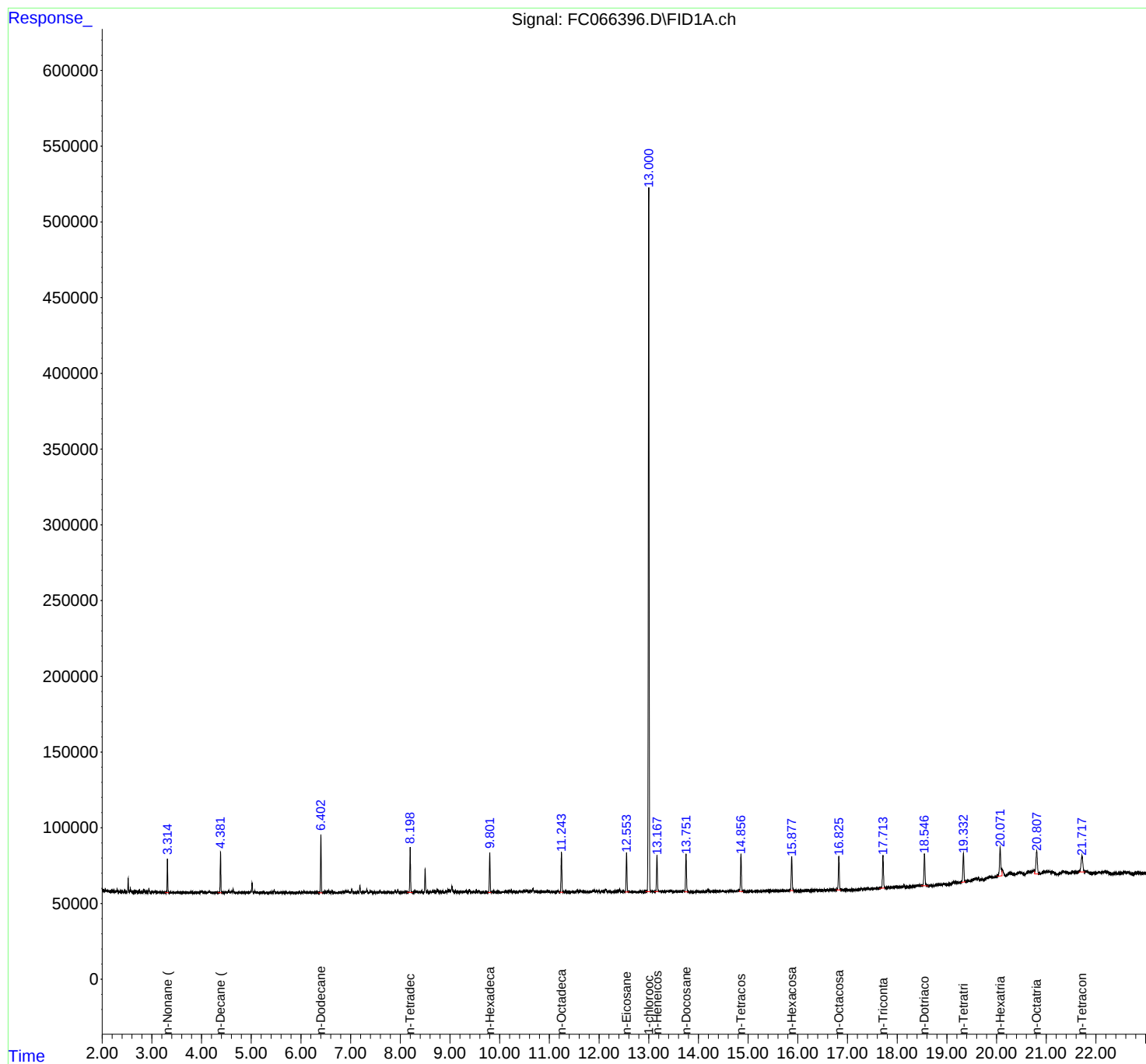
Instrument :
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ClientSampleId :
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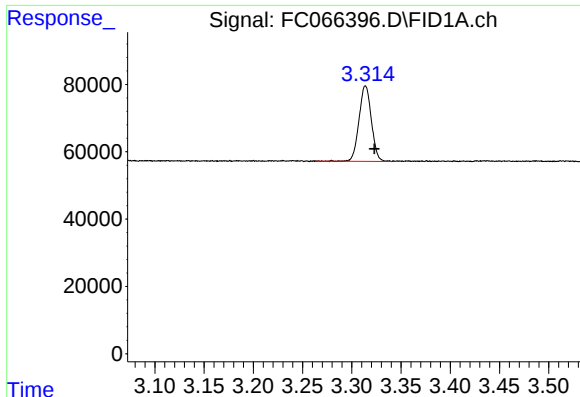
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Signal Info : 20M x 0.18mm x 0.18um





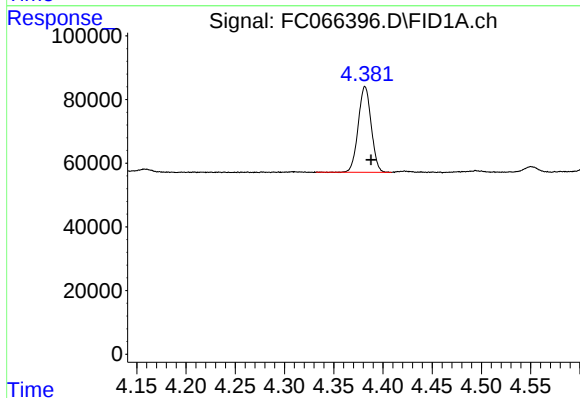
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 195735
Conc: 1.30 ug/ml

Instrument :
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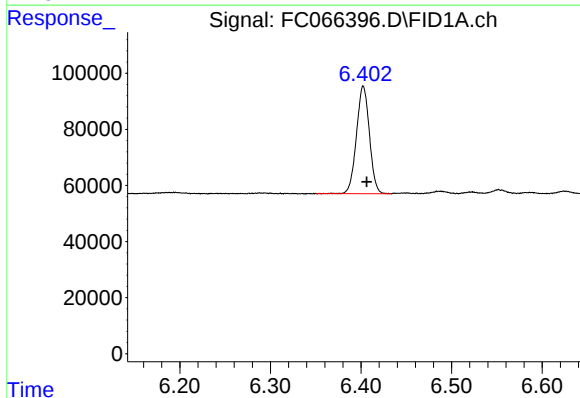
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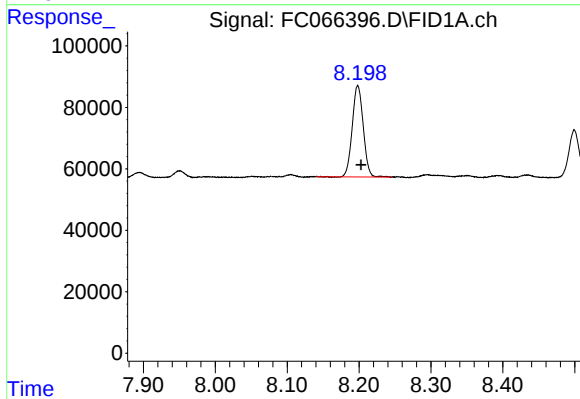
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: -0.006 min
Response: 246883
Conc: 1.61 ug/ml



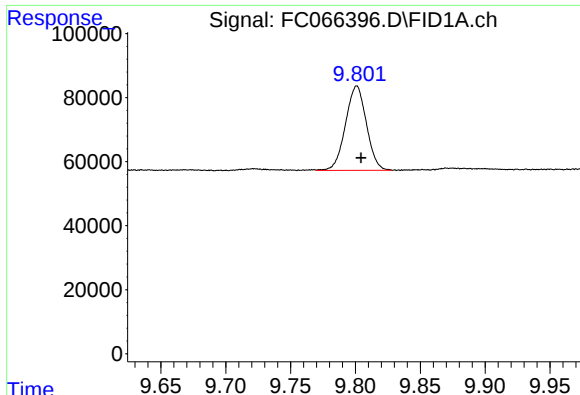
#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: -0.004 min
Response: 381444
Conc: 2.48 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.004 min
Response: 316501
Conc: 2.09 ug/ml



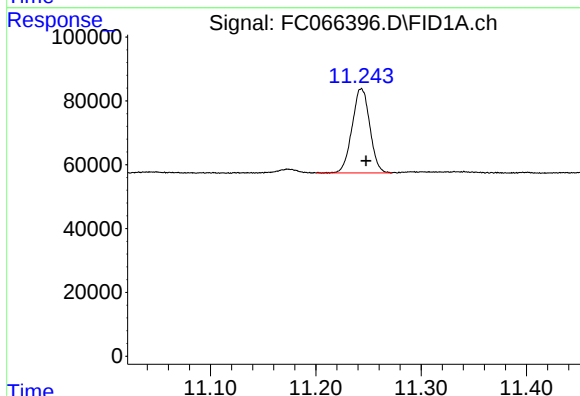
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.003 min
Response: 295871
Conc: 1.93 ug/ml

Instrument :
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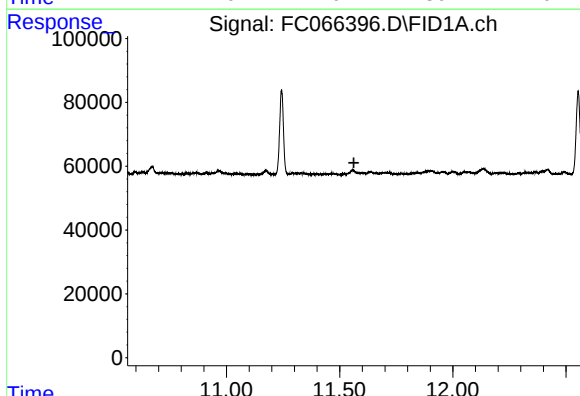
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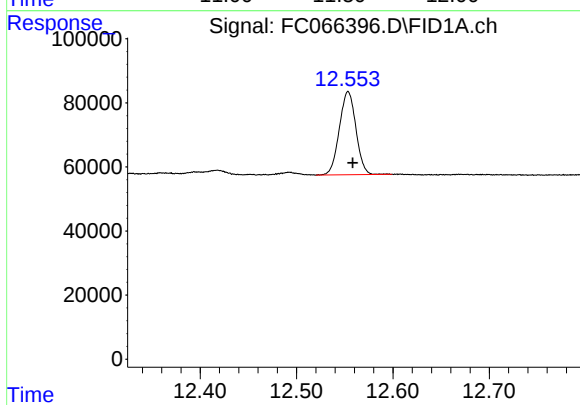
#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: -0.005 min
Response: 307597
Conc: 2.03 ug/ml



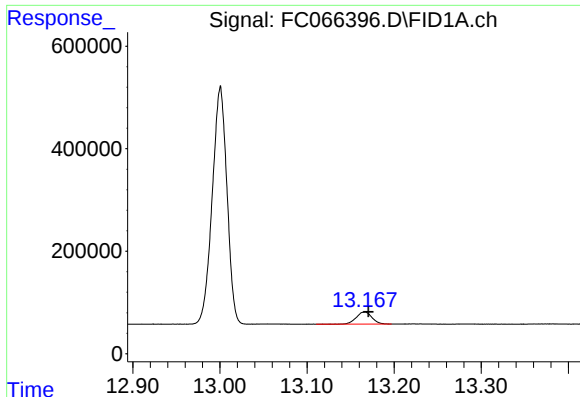
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.554 min
Delta R.T.: -0.005 min
Response: 309416
Conc: 2.15 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.004 min
Response: 295806
Conc: 2.10 ug/ml

Instrument :

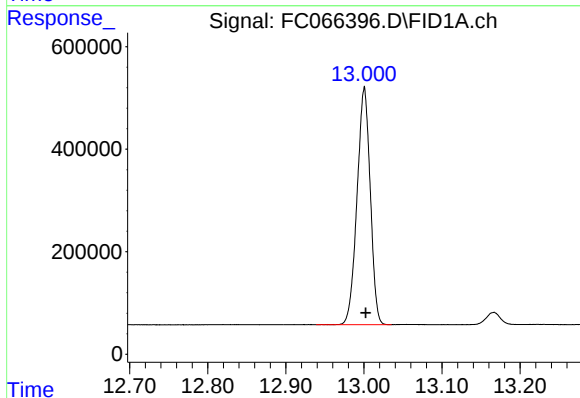
FID_C

ClientSampleId :

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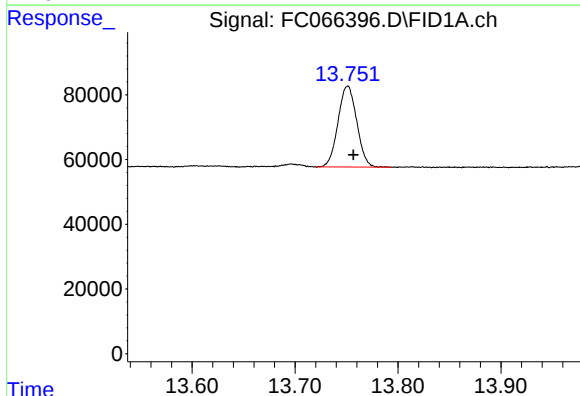
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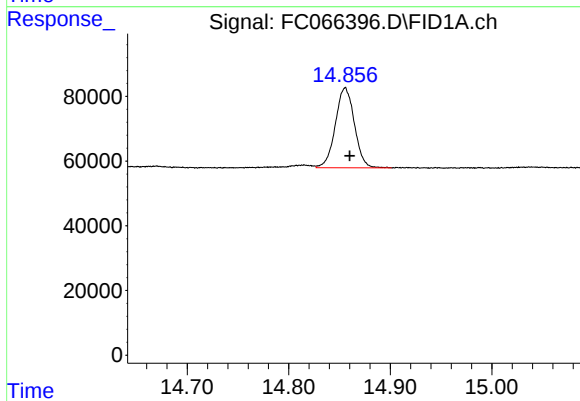
#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.002 min
Response: 5431666
Conc: 44.28 ug/ml



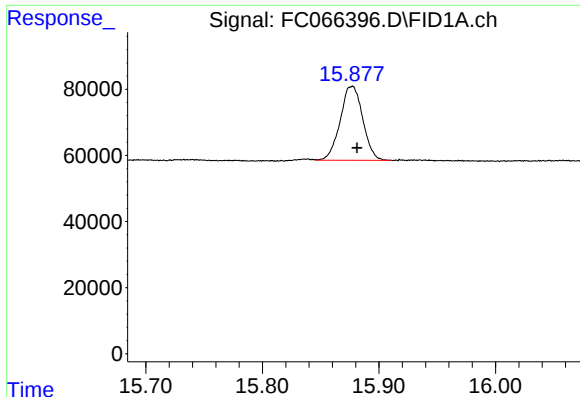
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.006 min
Response: 316648
Conc: 2.26 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.856 min
Delta R.T.: -0.004 min
Response: 322190
Conc: 2.29 ug/ml m



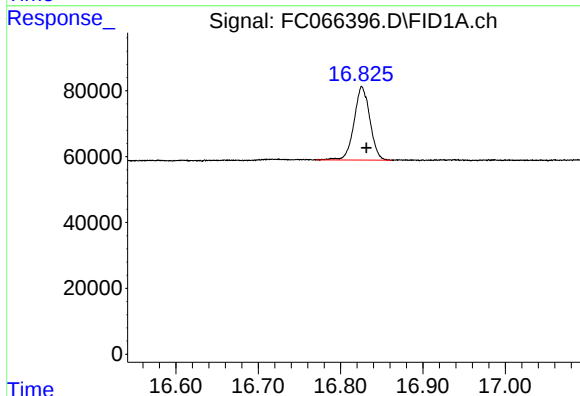
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: -0.004 min
Response: 301537
Conc: 2.20 ug/ml

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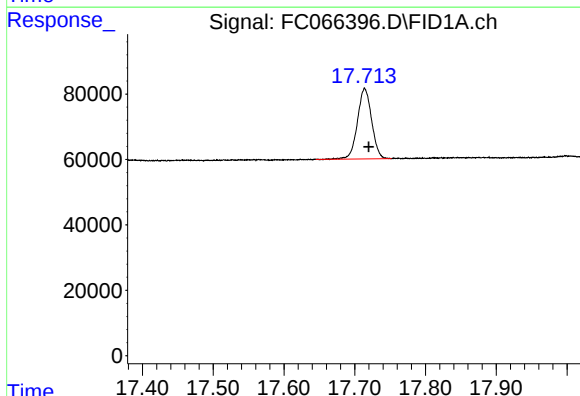
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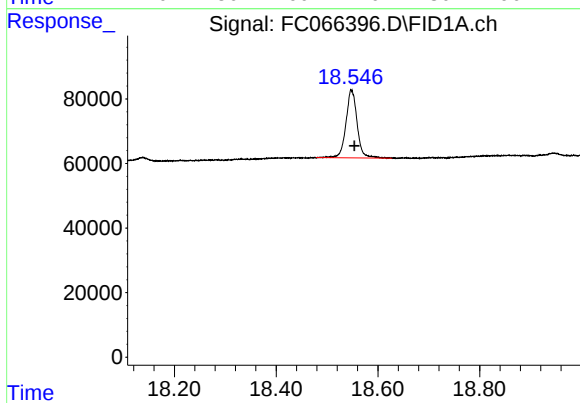
#16 n-Octacosane (C28)

R.T.: 16.826 min
Delta R.T.: -0.005 min
Response: 297706
Conc: 2.22 ug/ml



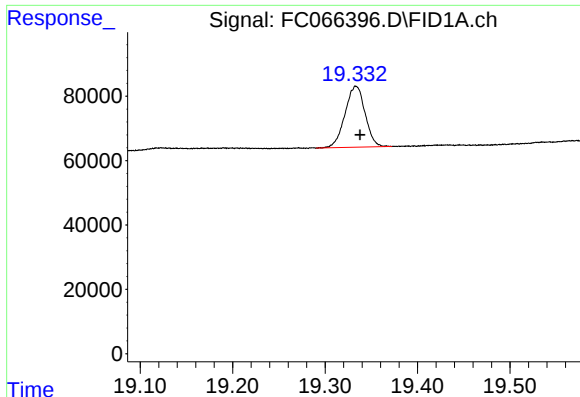
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.005 min
Response: 300164
Conc: 2.23 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: -0.006 min
Response: 320224
Conc: 2.49 ug/ml



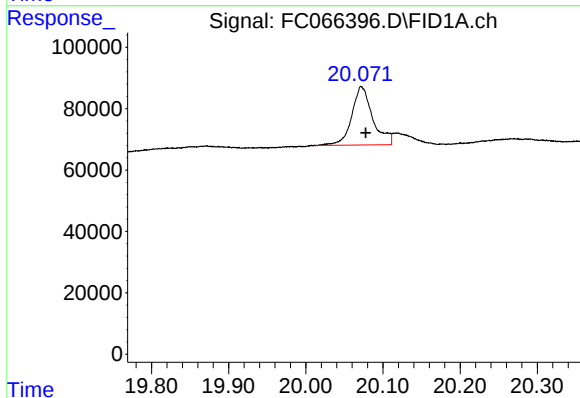
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min
Delta R.T.: -0.005 min
Response: 286041
Conc: 2.42 ug/ml

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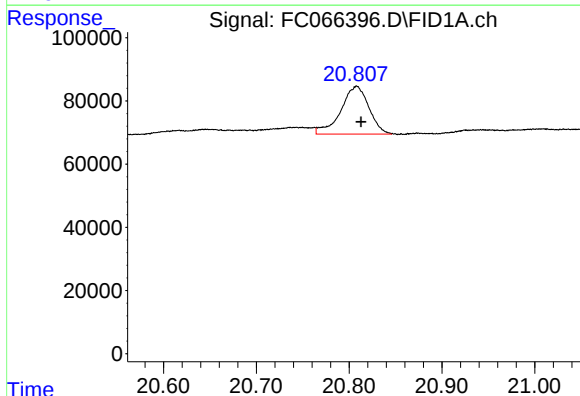
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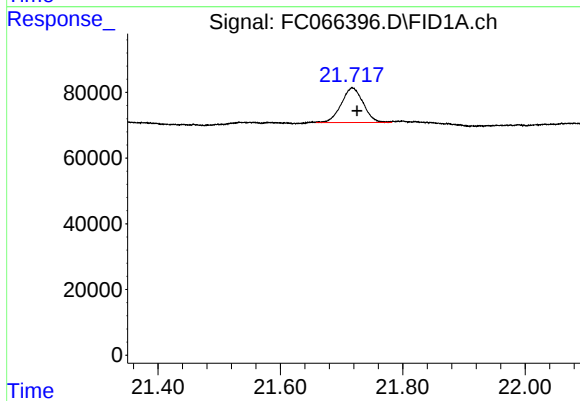
#20 n-Hexatriacontane (C36)

R.T.: 20.071 min
Delta R.T.: -0.007 min
Response: 359434
Conc: 3.13 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: -0.005 min
Response: 318533
Conc: 2.96 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.717 min
Delta R.T.: -0.008 min
Response: 262625
Conc: 2.45 ug/ml m