

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052224AL\
 Data File : FC066436.D
 Signal(s) : FID1A.ch
 Acq On : 22 May 2024 09:42
 Operator : YP/AJ
 Sample : PB161038BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161038BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/23/2024
 Supervised By :Ankita Jodhani 05/23/2024

Integration File: autoint1.e
 Quant Time: May 23 03:11:19 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...	12.995	4291971	34.991 ug/ml
Spiked Amount 50.000		Recovery =	69.98%
Target Compounds			
1) T n-Nonane (C9)	3.312	3645929	24.140 ug/ml
2) T n-Decane (C10)	4.380	4961726	32.264 ug/ml
4) T n-Dodecane (C12)	6.401	6311393	41.068 ug/ml
6) T n-Tetradecane (C14)	8.199	6831878	45.143 ug/ml
7) T n-Hexadecane (C16)	9.800	7049989	46.106 ug/ml
8) T n-Octadecane (C18)	11.243	7279633	47.958 ug/ml
10) T n-Eicosane (C20)	12.554	7303575	50.771 ug/ml
11) T n-Heneicosane (C21)	13.166	7074880	50.331 ug/ml
13) T n-Docosane (C22)	13.752	7031413	50.222 ug/ml
14) T n-Tetracosane (C24)	14.854	6930806	49.232 ug/ml
15) T n-Hexacosane (C26)	15.875	6761663	49.433 ug/ml
16) T n-Octacosane (C28)	16.825	6657084	49.709 ug/ml
17) T n-Tricontane (C30)	17.713	6568929	48.744 ug/ml
18) T n-Dotriacontane (C32)	18.545	6338207	49.226 ug/ml
19) T n-Tetratriacontane (C34)	19.331	6104488	51.595 ug/mlm
20) T n-Hexatriacontane (C36)	20.069	6031180	52.470 ug/ml
21) T n-Octatriacontane (C38)	20.803	5664176	52.624 ug/ml
22) T n-Tetracontane (C40)	21.711	5461416	50.930 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB161038BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

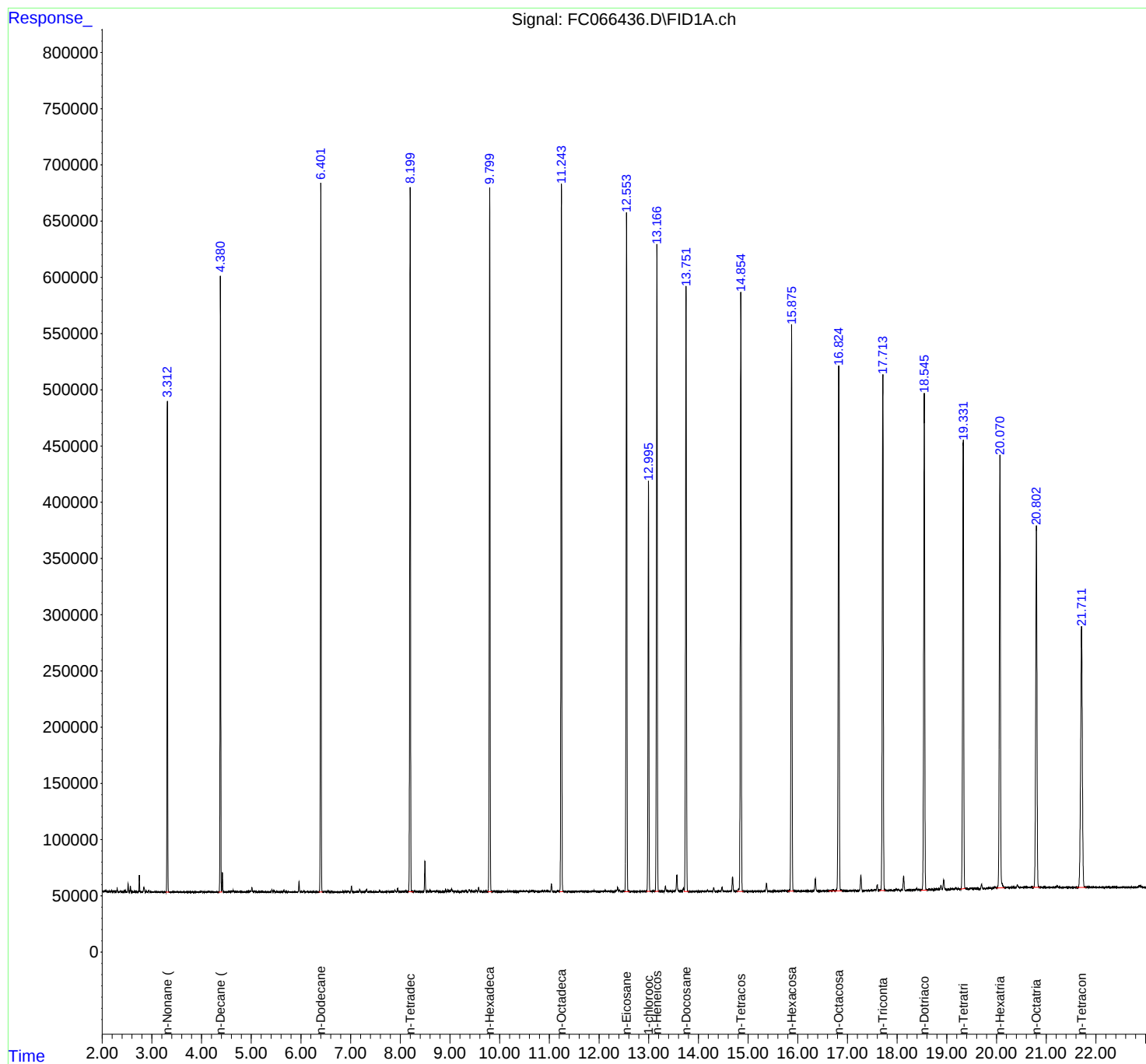
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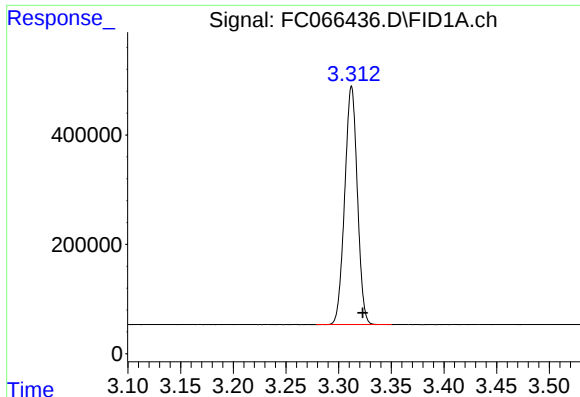
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: -0.011 min
Response: 3645929
Conc: 24.14 ug/ml

Instrument :

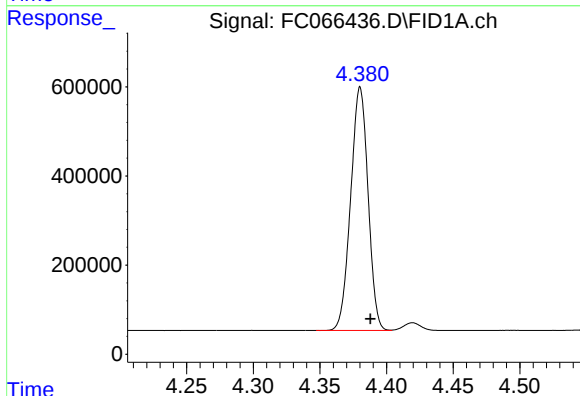
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ClientSampleId :

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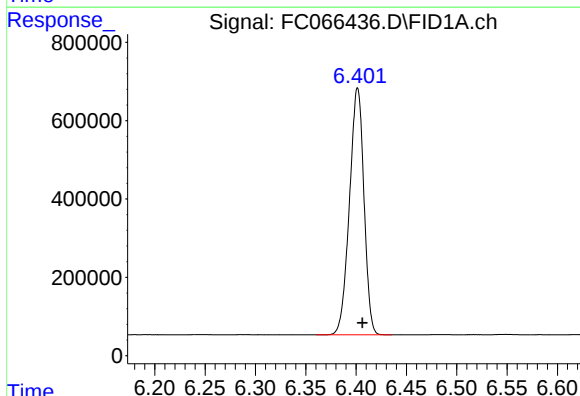
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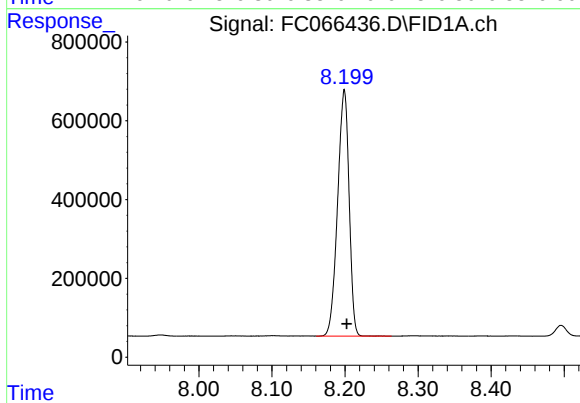
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.008 min
Response: 4961726
Conc: 32.26 ug/ml



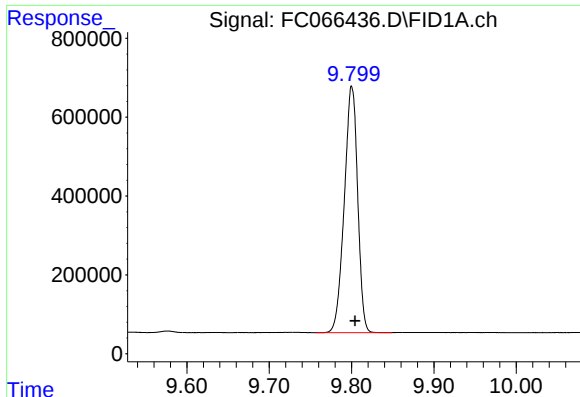
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.005 min
Response: 6311393
Conc: 41.07 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.004 min
Response: 6831878
Conc: 45.14 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.004 min
Response: 7049989
Conc: 46.11 ug/ml

Instrument :

FID_C

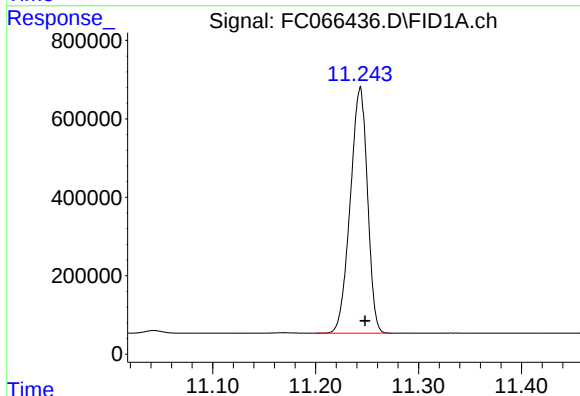
ClientSampleId :

PB161038BSD

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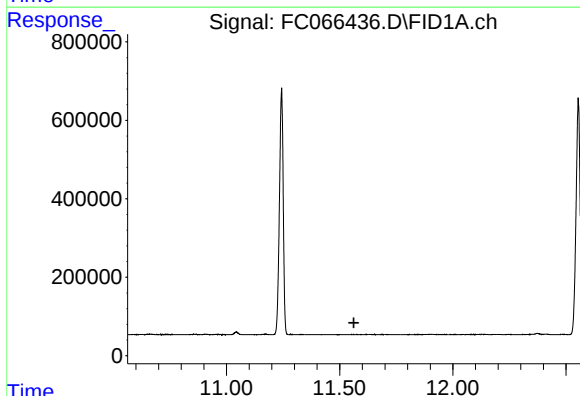
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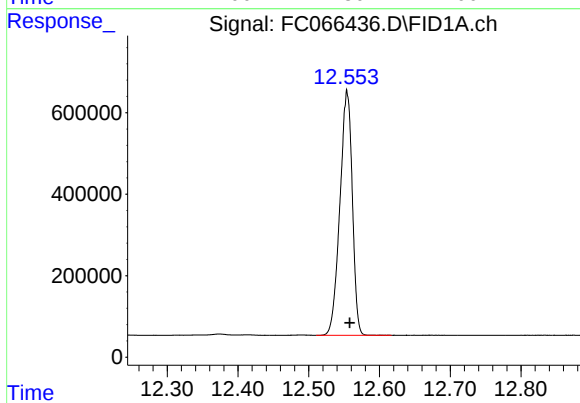
#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: -0.005 min
Response: 7279633
Conc: 47.96 ug/ml



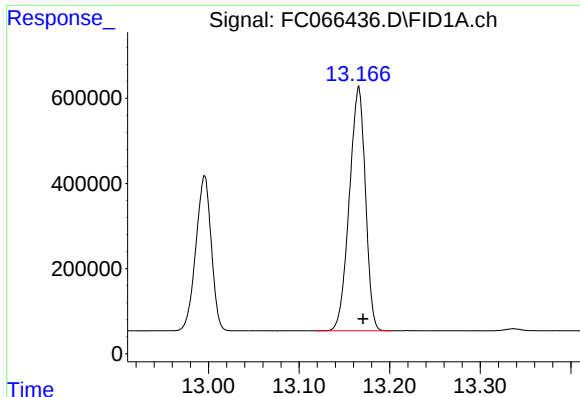
#9 ortho-Terphenyl (SURR)

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.: -0.004 min
Response: 7303575
Conc: 50.77 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.005 min
Response: 7074880
Conc: 50.33 ug/ml

Instrument :

FID_C

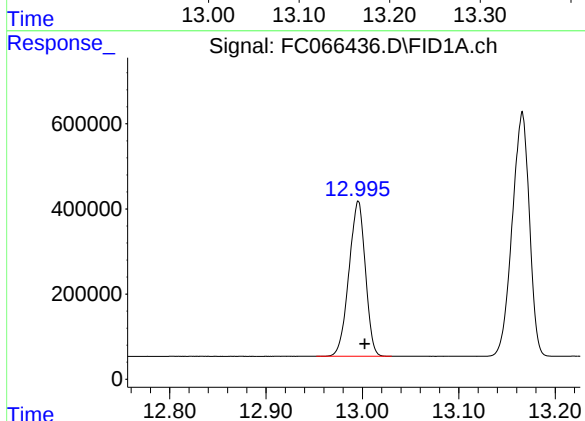
ClientSampleId :

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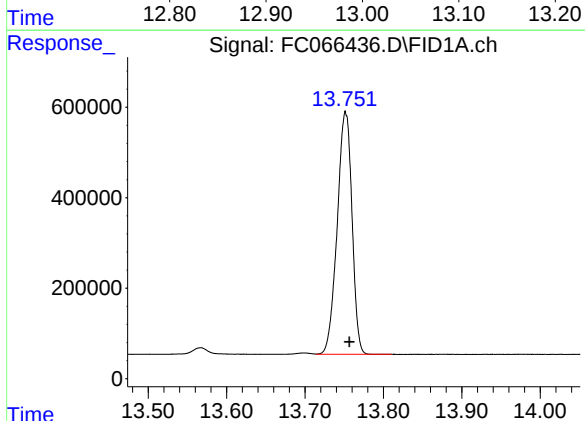
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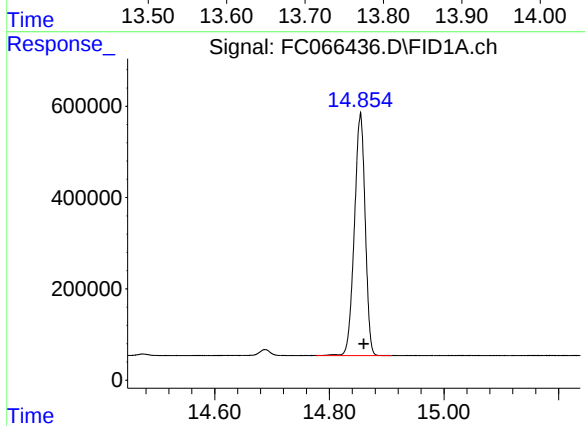
#12 1-chlorooctadecane (SURR)

R.T.: 12.995 min
Delta R.T.: -0.007 min
Response: 4291971
Conc: 34.99 ug/ml



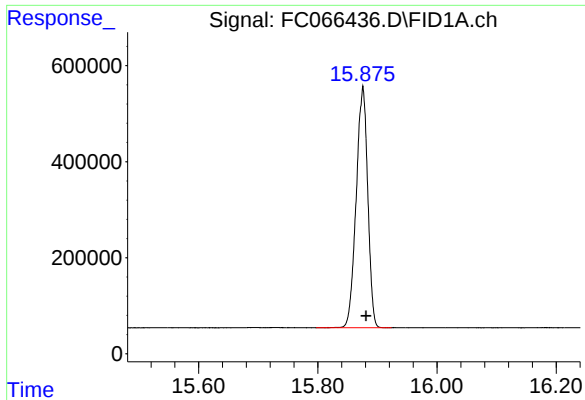
#13 n-Docosane (C22)

R.T.: 13.752 min
Delta R.T.: -0.005 min
Response: 7031413
Conc: 50.22 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.854 min
Delta R.T.: -0.006 min
Response: 6930806
Conc: 49.23 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.875 min
Delta R.T.: -0.006 min
Response: 6761663
Conc: 49.43 ug/ml

Instrument :

FID_C

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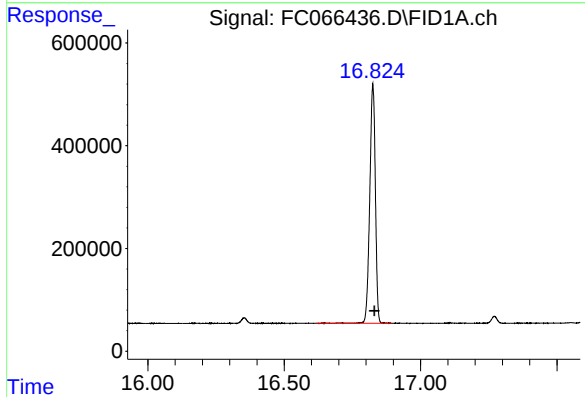
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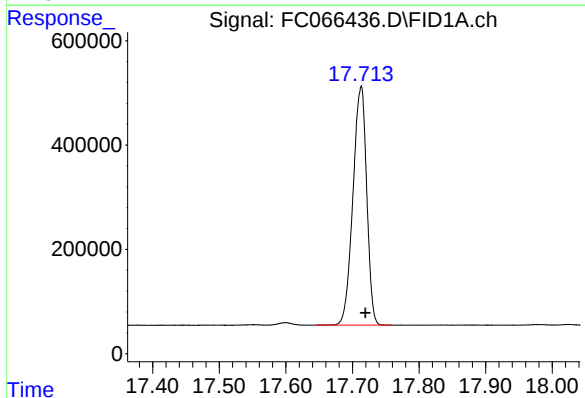
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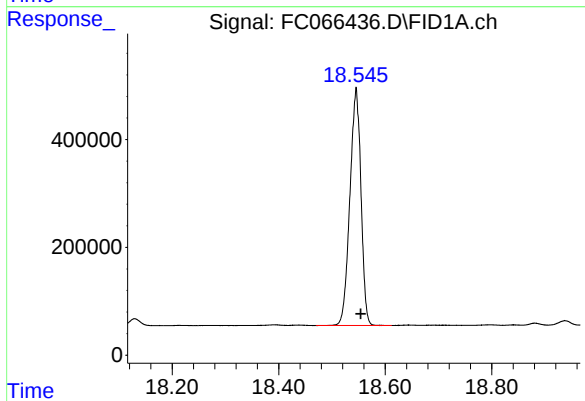
#16 n-Octacosane (C28)

R.T.: 16.825 min
Delta R.T.: -0.006 min
Response: 6657084
Conc: 49.71 ug/ml



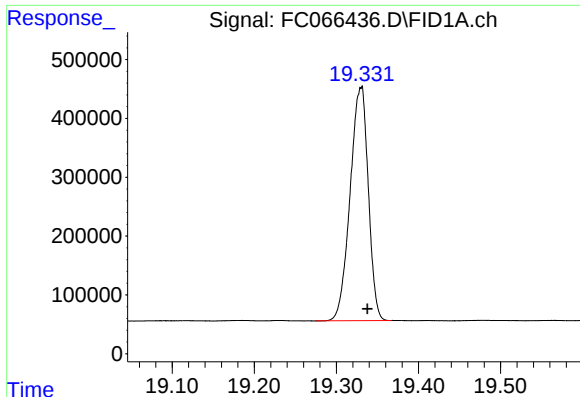
#17 n-Tricontane (C30)

R.T.: 17.713 min
Delta R.T.: -0.007 min
Response: 6568929
Conc: 48.74 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.009 min
Response: 6338207
Conc: 49.23 ug/ml



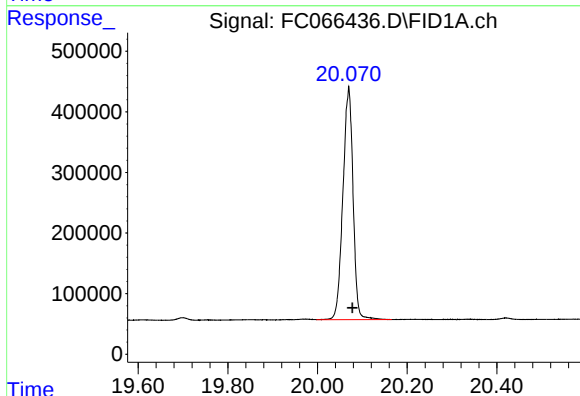
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: -0.007 min
Response: 6104488
Conc: 51.60 ug/ml

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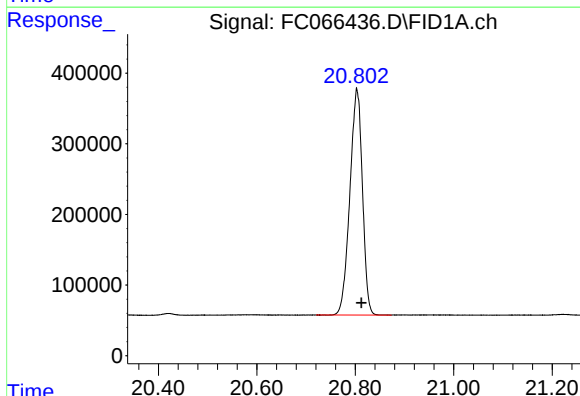
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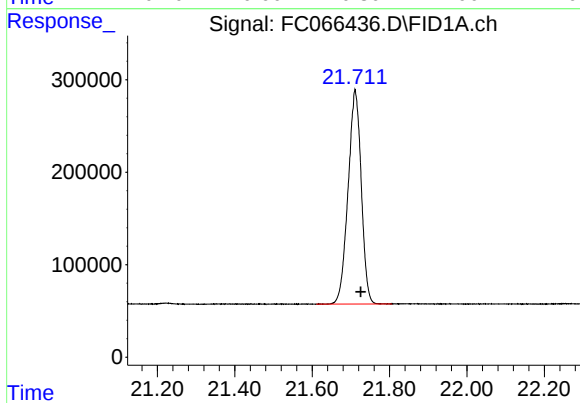
#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: -0.008 min
Response: 6031180
Conc: 52.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: -0.009 min
Response: 5664176
Conc: 52.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.711 min
Delta R.T.: -0.014 min
Response: 5461416
Conc: 50.93 ug/ml