

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031422AL\
 Data File : FC058715.D
 Signal(s) : FID1A.CH
 Acq On : 14 Mar 2022 18:44
 Operator : UA/NP
 Sample : PB143310BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB143310BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/15/2022
 Supervised By :Ankita Jodhani 03/15/2022

Integration File: autoint1.e
 Quant Time: Mar 15 03:08:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.835	4019190	35.458 ug/ml
Spiked Amount 50.000		Recovery =	70.92%
Target Compounds			
1) T n-Nonane (C9)	3.255	2612135	21.722 ug/ml
2) T n-Decane (C10)	4.306	3448463	28.979 ug/ml
4) T n-Dodecane (C12)	6.301	4110285	33.412 ug/ml
6) T n-Tetradecane (C14)	8.079	4345502	34.679 ug/ml
7) T n-Hexadecane (C16)	9.665	4508739	35.011 ug/ml
8) T n-Octadecane (C18)	11.096	4695156	35.679 ug/ml
10) T n-Eicosane (C20)	12.396	4556372	34.650 ug/ml
11) T n-Heneicosane (C21)	13.003	4509748	34.124 ug/ml
13) T n-Docosane (C22)	13.585	4425279	33.944 ug/ml
14) T n-Tetracosane (C24)	14.681	4343990	33.639 ug/ml
15) T n-Hexacosane (C26)	15.696	4246772	34.331 ug/ml
16) T n-Octacosane (C28)	16.639	4150957	34.872 ug/ml
17) T n-Tricontane (C30)	17.522	4087289	36.311 ug/ml
18) T n-Dotriacontane (C32)	18.348	3974645	36.963 ug/mlm
19) T n-Tetratriacontane (C34)	19.131	3779769	39.011 ug/ml
20) T n-Hexatriacontane (C36)	19.867	3330942	36.922 ug/ml
21) T n-Octatriacontane (C38)	20.573	2821798	32.426 ug/ml
22) T n-Tetracontane (C40)	21.399	2537941	30.243 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UA/NP
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Misc :
ALS Vial : 5 Sample Multiplier: 1

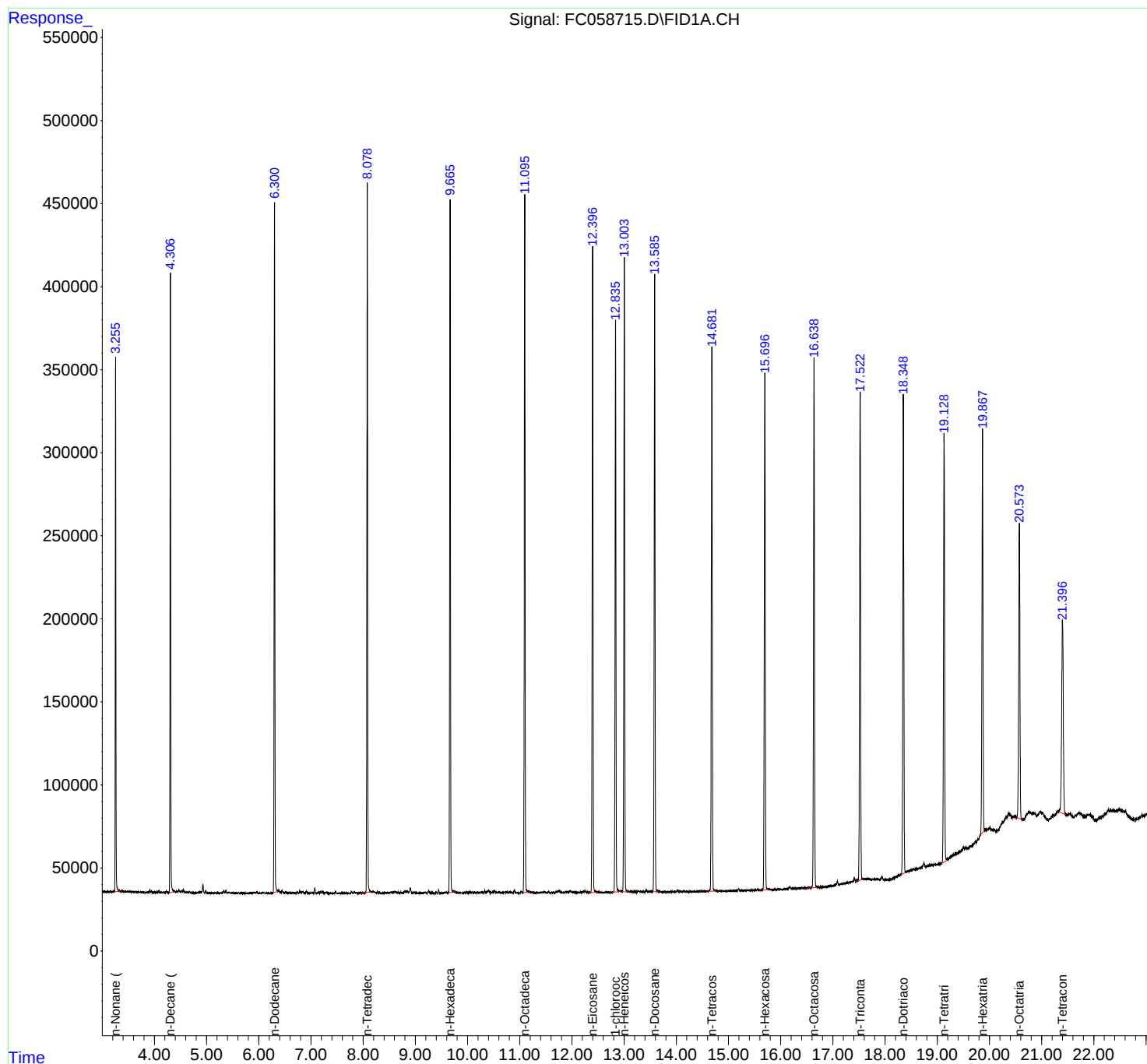
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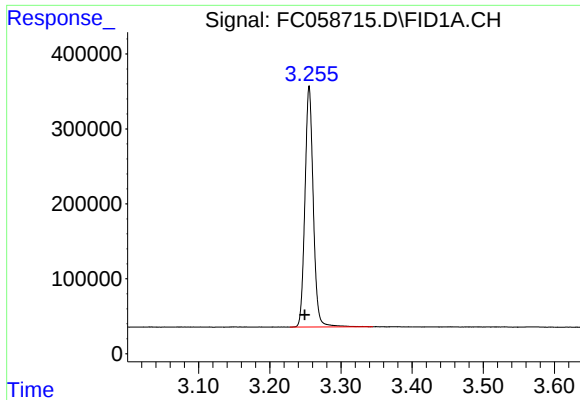
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#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: 0.006 min
Response: 2612135
Conc: 21.72 ug/ml

Instrument :

FID_C

ClientSampleId :

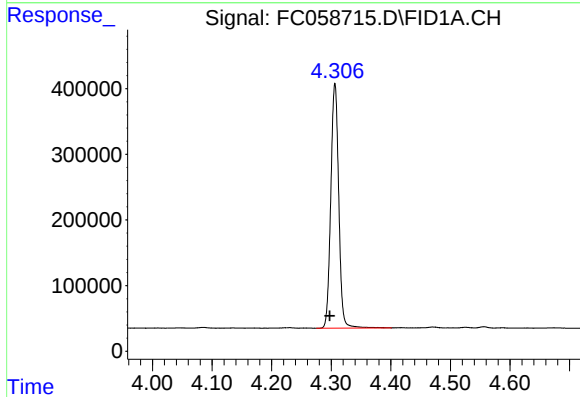
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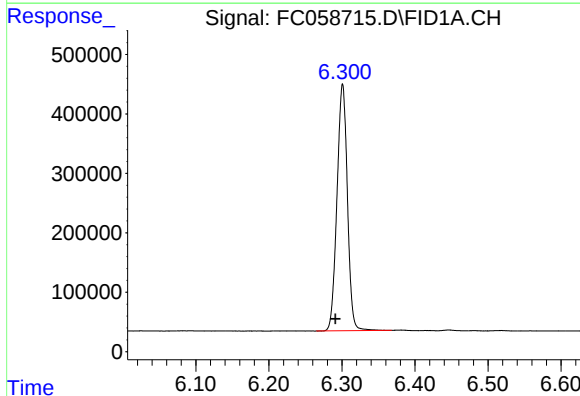
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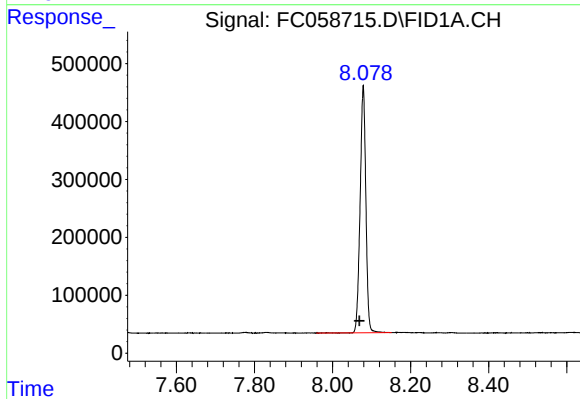
#2 n-Decane (C10)

R.T.: 4.306 min
Delta R.T.: 0.009 min
Response: 3448463
Conc: 28.98 ug/ml



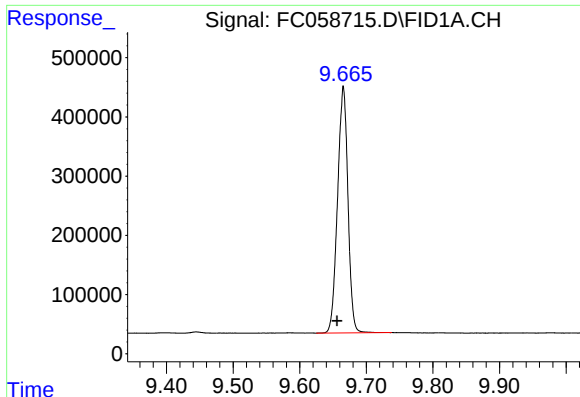
#4 n-Dodecane (C12)

R.T.: 6.301 min
Delta R.T.: 0.010 min
Response: 4110285
Conc: 33.41 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.079 min
Delta R.T.: 0.010 min
Response: 4345502
Conc: 34.68 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.665 min
Delta R.T.: 0.009 min
Response: 4508739
Conc: 35.01 ug/ml

Instrument :

FID_C

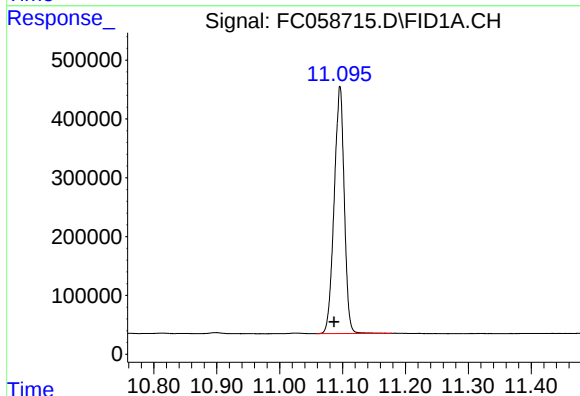
ClientSampleId :

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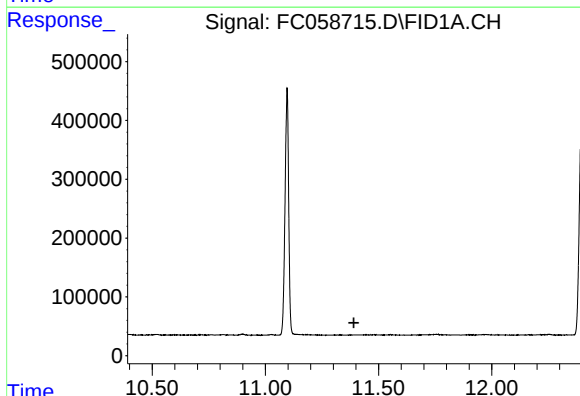
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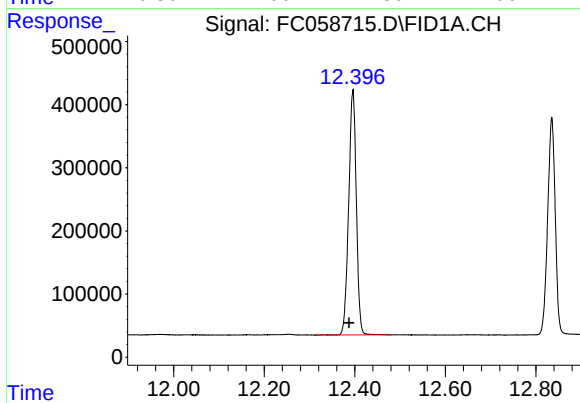
#8 n-Octadecane (C18)

R.T.: 11.096 min
Delta R.T.: 0.009 min
Response: 4695156
Conc: 35.68 ug/ml



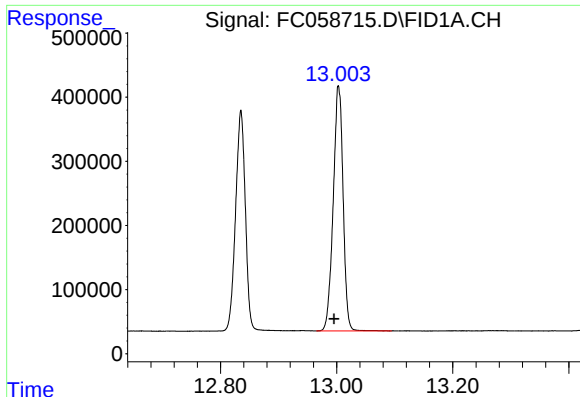
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.391 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.396 min
Delta R.T.: 0.008 min
Response: 4556372
Conc: 34.65 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.003 min
Delta R.T.: 0.008 min
Response: 4509748
Conc: 34.12 ug/ml

Instrument :

FID_C

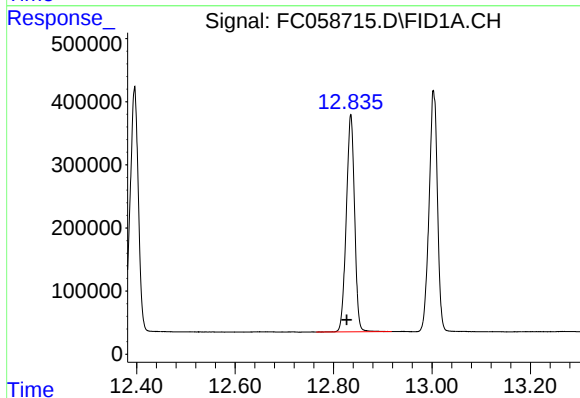
ClientSampleId :

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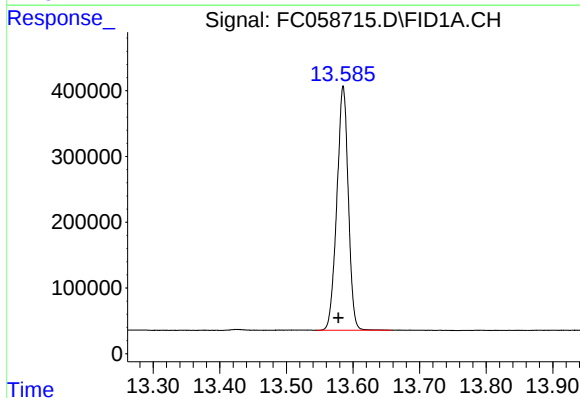
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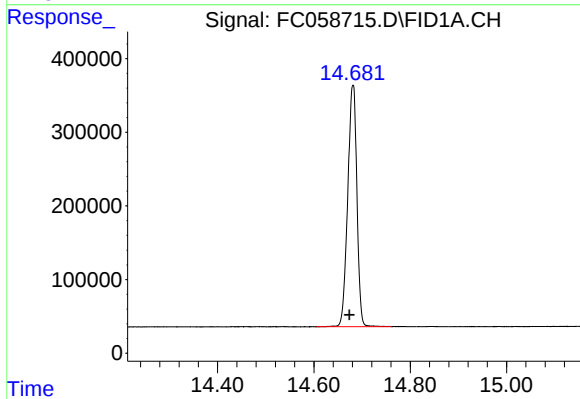
#12 1-chlorooctadecane (SURR)

R.T.: 12.835 min
Delta R.T.: 0.008 min
Response: 4019190
Conc: 35.46 ug/ml



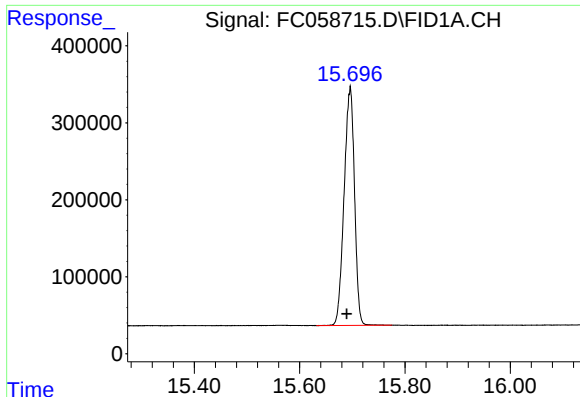
#13 n-Docosane (C22)

R.T.: 13.585 min
Delta R.T.: 0.007 min
Response: 4425279
Conc: 33.94 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.681 min
Delta R.T.: 0.007 min
Response: 4343990
Conc: 33.64 ug/ml



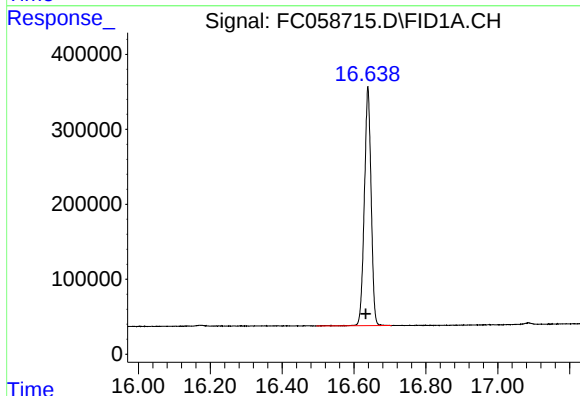
#15 n-Hexacosane (C26)

R.T.: 15.696 min
Delta R.T.: 0.006 min
Response: 4246772
Conc: 34.33 ug/ml

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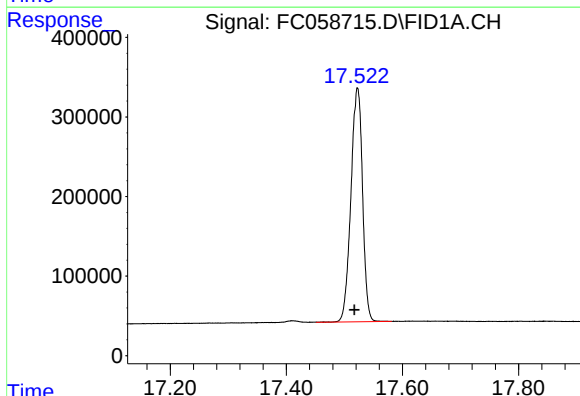
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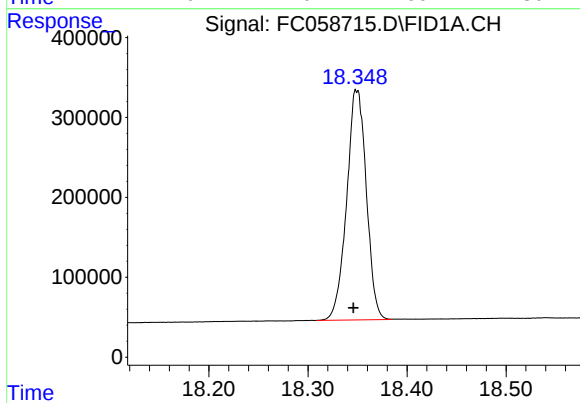
#16 n-Octacosane (C28)

R.T.: 16.639 min
Delta R.T.: 0.006 min
Response: 4150957
Conc: 34.87 ug/ml



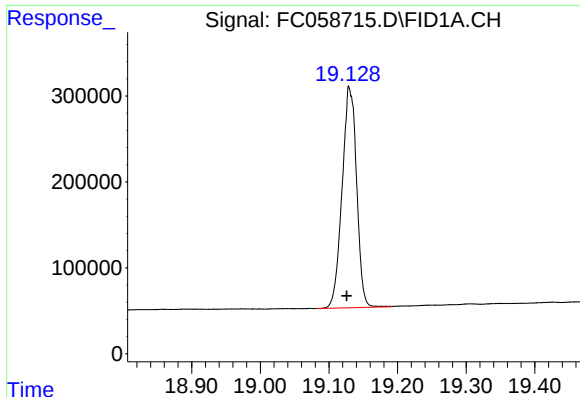
#17 n-Tricontane (C30)

R.T.: 17.522 min
Delta R.T.: 0.005 min
Response: 4087289
Conc: 36.31 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.348 min
Delta R.T.: 0.002 min
Response: 3974645
Conc: 36.96 ug/ml m



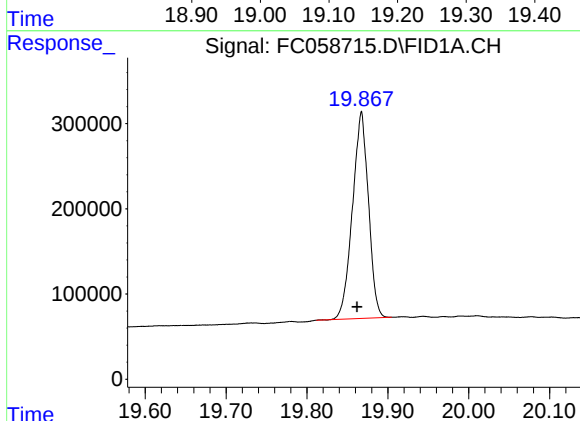
#19 n-Tetratriacontane (C34)

R.T.: 19.131 min
Delta R.T.: 0.005 min
Response: 3779769
Conc: 39.01 ug/ml

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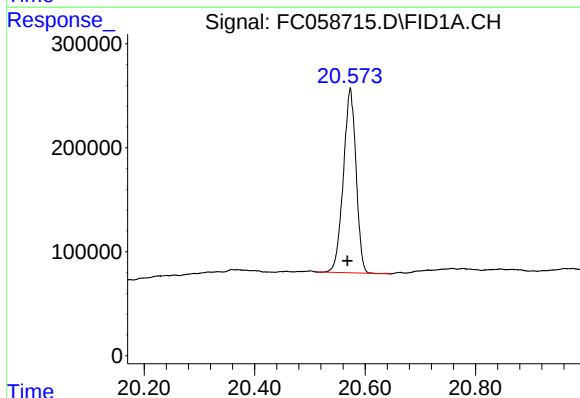
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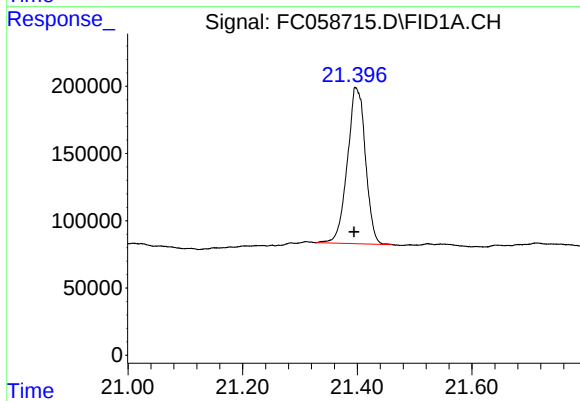
#20 n-Hexatriacontane (C36)

R.T.: 19.867 min
Delta R.T.: 0.005 min
Response: 3330942
Conc: 36.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.573 min
Delta R.T.: 0.005 min
Response: 2821798
Conc: 32.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.399 min
Delta R.T.: 0.004 min
Response: 2537941
Conc: 30.24 ug/ml