

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031422AL\
 Data File : FC058714.D
 Signal(s) : FID1A.CH
 Acq On : 14 Mar 2022 18:04
 Operator : UA/NP
 Sample : PB143310BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB143310BS

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 03:07:50 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	3899697	34.404 ug/ml
Spiked Amount 50.000		Recovery =	68.81%
Target Compounds			
1) T n-Nonane (C9)	3.256	2559289	21.282 ug/ml
2) T n-Decane (C10)	4.306	3380233	28.406 ug/ml
4) T n-Dodecane (C12)	6.301	4042608	32.862 ug/ml
6) T n-Tetradecane (C14)	8.079	4319188	34.469 ug/ml
7) T n-Hexadecane (C16)	9.666	4443381	34.504 ug/ml
8) T n-Octadecane (C18)	11.096	4628641	35.174 ug/ml
10) T n-Eicosane (C20)	12.396	4474863	34.030 ug/ml
11) T n-Heneicosane (C21)	13.003	4420109	33.445 ug/ml
13) T n-Docosane (C22)	13.585	4350696	33.372 ug/ml
14) T n-Tetracosane (C24)	14.681	4275327	33.108 ug/ml
15) T n-Hexacosane (C26)	15.696	4154885	33.588 ug/ml
16) T n-Octacosane (C28)	16.641	4078377	34.262 ug/ml
17) T n-Tricontane (C30)	17.523	4016347	35.681 ug/ml
18) T n-Dotriacontane (C32)	18.352	3924931	36.500 ug/mlm
19) T n-Tetratriacontane (C34)	19.131	3707027	38.260 ug/ml
20) T n-Hexatriacontane (C36)	19.867	3288152	36.447 ug/ml
21) T n-Octatriacontane (C38)	20.571	2958274	33.994 ug/mlm
22) T n-Tetracontane (C40)	21.399	2544964	30.327 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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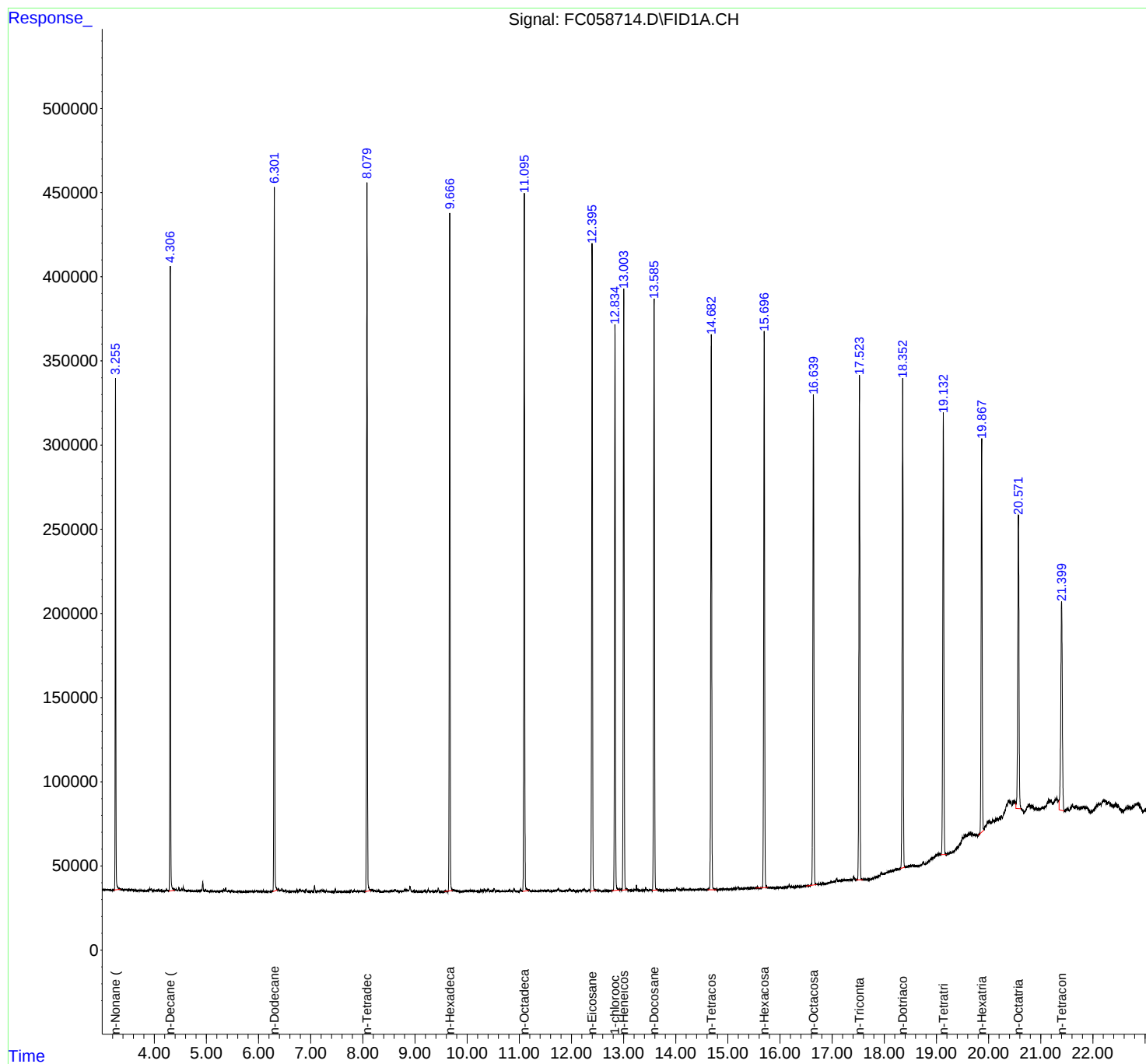
Instrument :
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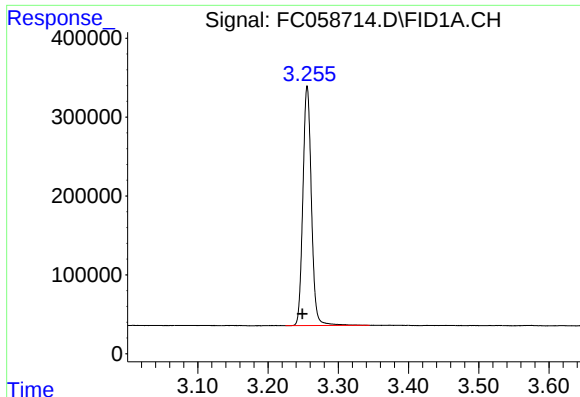
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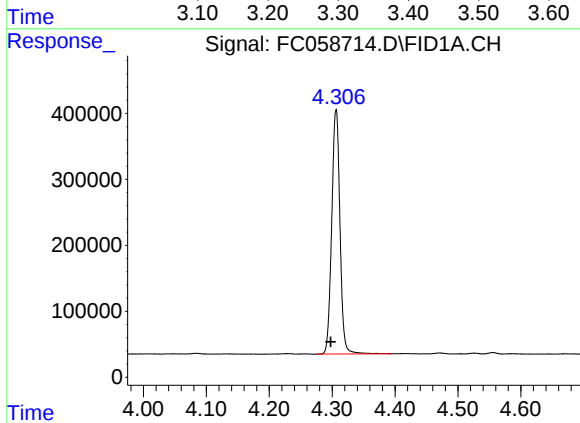
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: 0.007 min
Response: 2559289
Conc: 21.28 ug/ml

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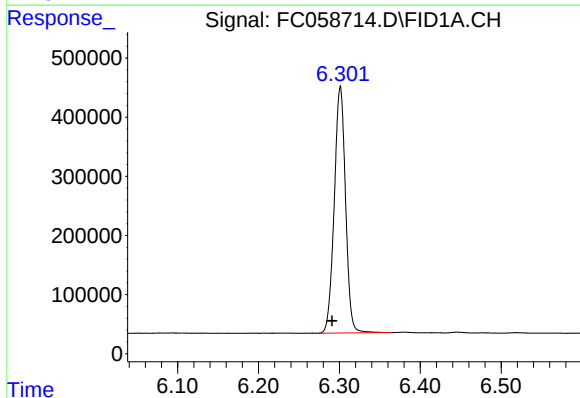
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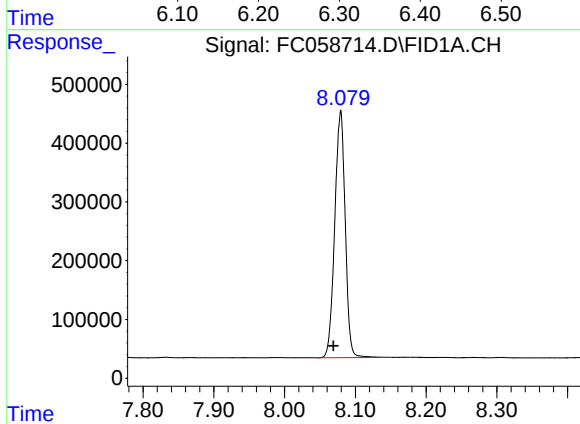
#2 n-Decane (C10)

R.T.: 4.306 min
Delta R.T.: 0.009 min
Response: 3380233
Conc: 28.41 ug/ml



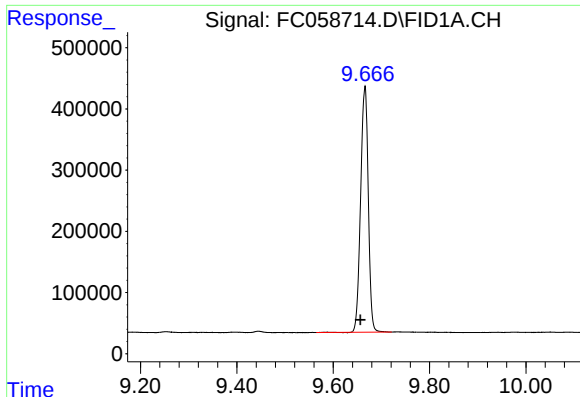
#4 n-Dodecane (C12)

R.T.: 6.301 min
Delta R.T.: 0.010 min
Response: 4042608
Conc: 32.86 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.079 min
Delta R.T.: 0.010 min
Response: 4319188
Conc: 34.47 ug/ml



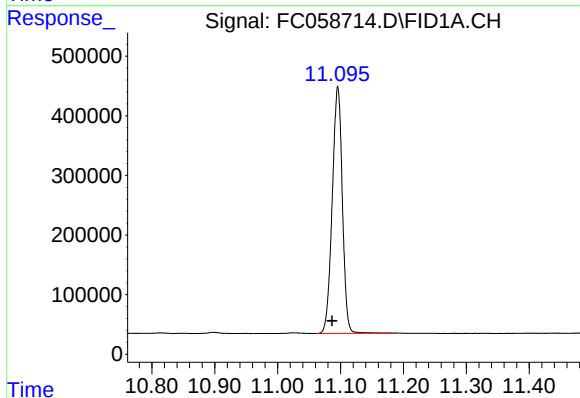
#7 n-Hexadecane (C16)

R.T.: 9.666 min
Delta R.T.: 0.009 min
Response: 4443381
Conc: 34.50 ug/ml

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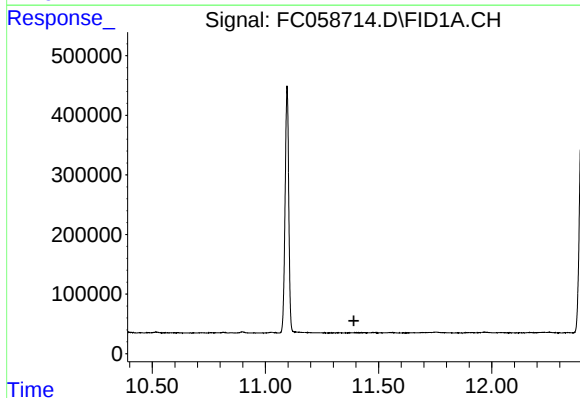
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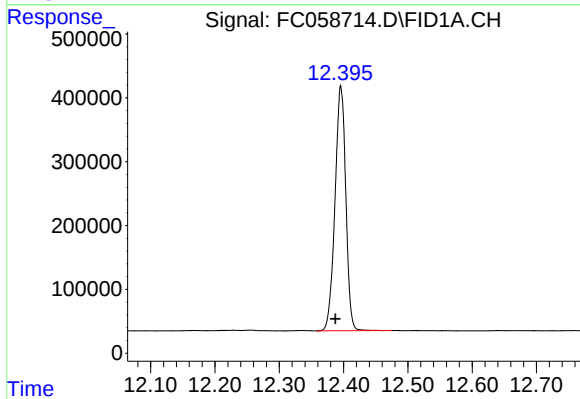
#8 n-Octadecane (C18)

R.T.: 11.096 min
Delta R.T.: 0.009 min
Response: 4628641
Conc: 35.17 ug/ml



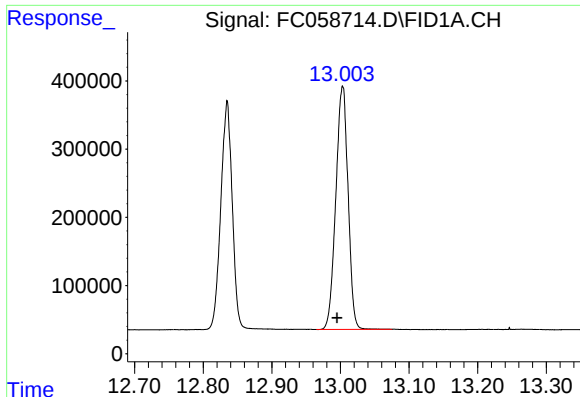
#9 ortho-Terphenyl (SURR)

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: 4474863
Conc: 34.03 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.003 min
Delta R.T.: 0.008 min
Response: 4420109
Conc: 33.45 ug/ml

Instrument :

FID_C

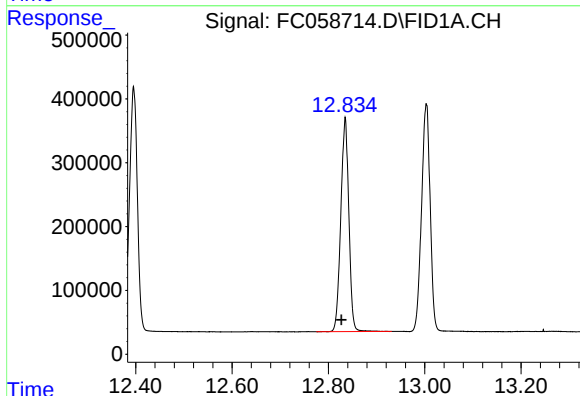
ClientSampleId :

PB143310BS

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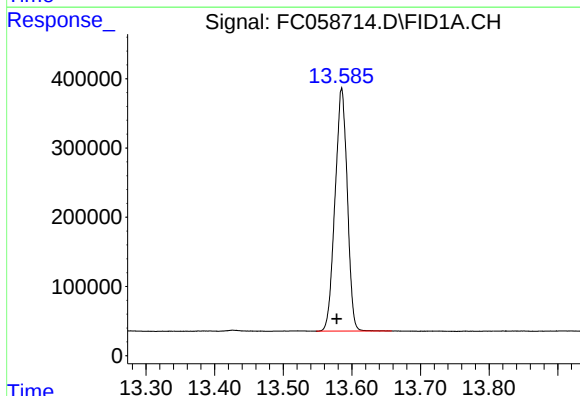
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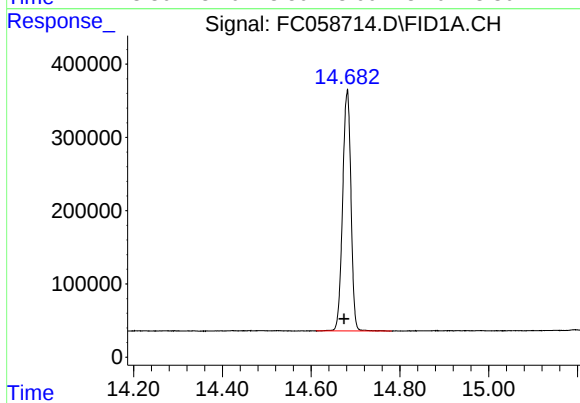
#12 1-chlorooctadecane (SURR)

R.T.: 12.835 min
Delta R.T.: 0.008 min
Response: 3899697
Conc: 34.40 ug/ml



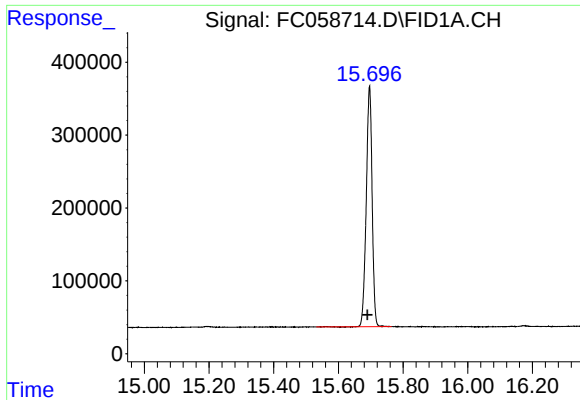
#13 n-Docosane (C22)

R.T.: 13.585 min
Delta R.T.: 0.007 min
Response: 4350696
Conc: 33.37 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.681 min
Delta R.T.: 0.007 min
Response: 4275327
Conc: 33.11 ug/ml



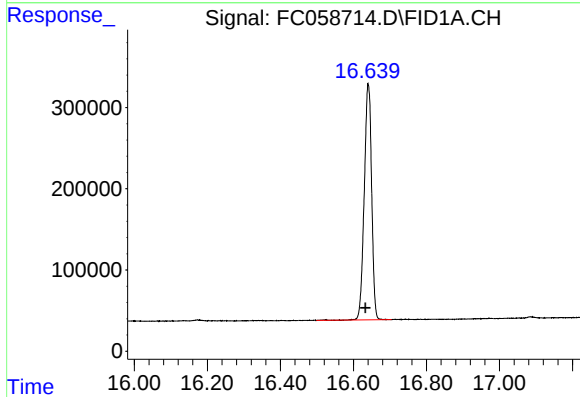
#15 n-Hexacosane (C26)

R.T.: 15.696 min
Delta R.T.: 0.007 min
Response: 4154885
Conc: 33.59 ug/ml

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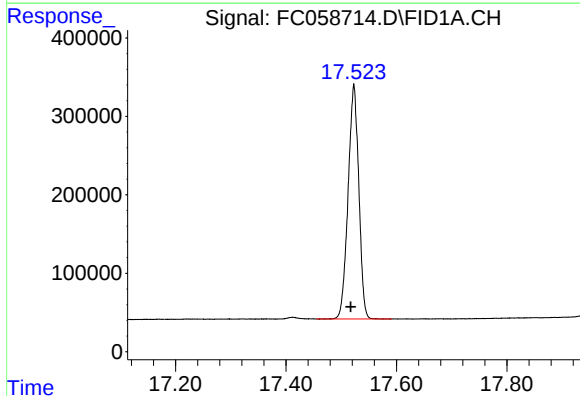
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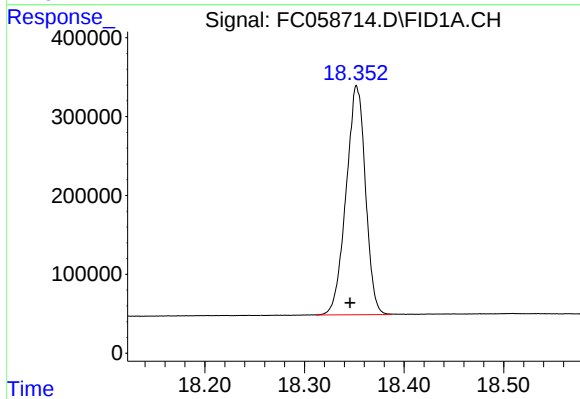
#16 n-Octacosane (C28)

R.T.: 16.641 min
Delta R.T.: 0.008 min
Response: 4078377
Conc: 34.26 ug/ml



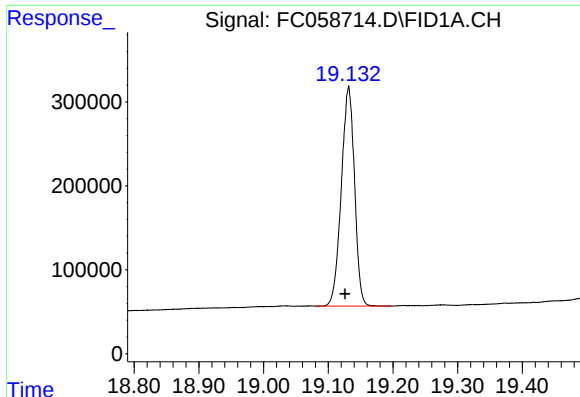
#17 n-Tricontane (C30)

R.T.: 17.523 min
Delta R.T.: 0.006 min
Response: 4016347
Conc: 35.68 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.352 min
Delta R.T.: 0.006 min
Response: 3924931
Conc: 36.50 ug/ml m



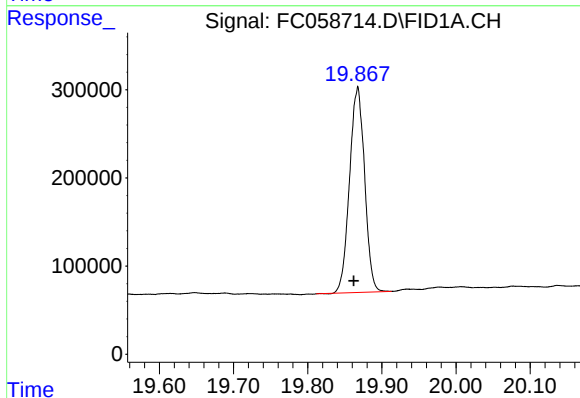
#19 n-Tetratriacontane (C34)

R.T.: 19.131 min
Delta R.T.: 0.005 min
Response: 3707027
Conc: 38.26 ug/ml

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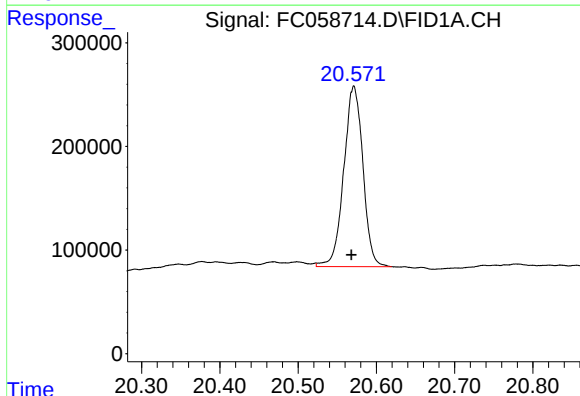
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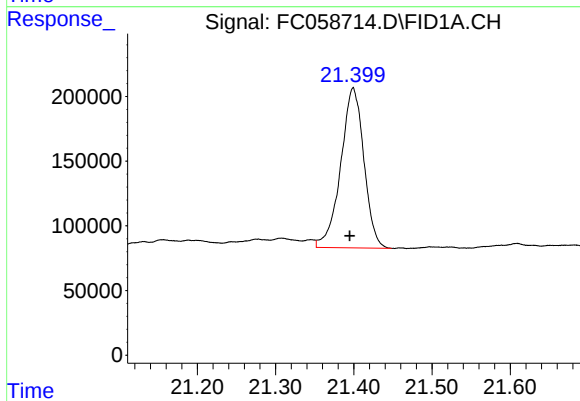
#20 n-Hexatriacontane (C36)

R.T.: 19.867 min
Delta R.T.: 0.005 min
Response: 3288152
Conc: 36.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.571 min
Delta R.T.: 0.003 min
Response: 2958274
Conc: 33.99 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.399 min
Delta R.T.: 0.004 min
Response: 2544964
Conc: 30.33 ug/ml m