

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022122AL\
 Data File : FC058407.D
 Signal(s) : FID1A.CH
 Acq On : 22 Feb 2022 00:06
 Operator : YP\AJ
 Sample : N1610-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TR-05-021822MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/22/2022
 Supervised By :Ankita Jodhani 02/22/2022

Integration File: autoint1.e
 Quant Time: Feb 22 04:30:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022122.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 21 16:43:36 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			
9) S ortho-Terphenyl (SURR)	11.400	54861740	35.647 ug/ml
Spiked Amount 50.000		Recovery =	71.29%
12) S 1-chlorooctadecane (S...	12.898f	472458956	404.634 ug/mlm
Spiked Amount 50.000		Recovery =	809.27%
Target Compounds			
1) T n-Nonane (C9)	3.370	38446912	29.376 ug/ml
2) T n-Decane (C10)	4.345	41662020	31.524 ug/ml
3) T A~Naphthalene (C11.7)	5.859	55094871	37.684 ug/ml
4) T n-Dodecane (C12)	6.290	49905100	37.057 ug/ml
5) T A~2-methylnaphthalene...	6.900	56712529	38.754 ug/ml
6) T n-Tetradecane (C14)	8.077	55499727	41.017 ug/ml
7) T n-Hexadecane (C16)	9.659	61649588	45.166 ug/ml
8) T n-Octadecane (C18)	11.097	66201972	48.163 ug/ml
10) T n-Eicosane (C20)	12.408	75345304	55.336 ug/ml
11) T n-Heneicosane (C21)	12.952	175174069	128.482 ug/ml
13) T n-Docosane (C22)	13.599	66255341	48.768 ug/mlm
14) T n-Tetracosane (C24)	14.692	121651941	90.334 ug/mlm
15) T n-Hexacosane (C26)	15.713	65836495	49.832 ug/ml
16) T n-Octacosane (C28)	16.654	67160900	51.857 ug/ml
17) T n-Tricontane (C30)	17.547	61338805	48.854 ug/mlm
18) T n-Dotriacontane (C32)	18.370	57616586	48.593 ug/mlm
19) T n-Tetratriacontane (C34)	19.145	50518146	46.343 ug/ml
20) T n-Hexatriacontane (C36)	19.877	39449711	39.827 ug/mlm
21) T n-Octatriacontane (C38)	20.578	28454222	32.213 ug/ml
22) T n-Tetracontane (C40)	21.397	19601151	25.428 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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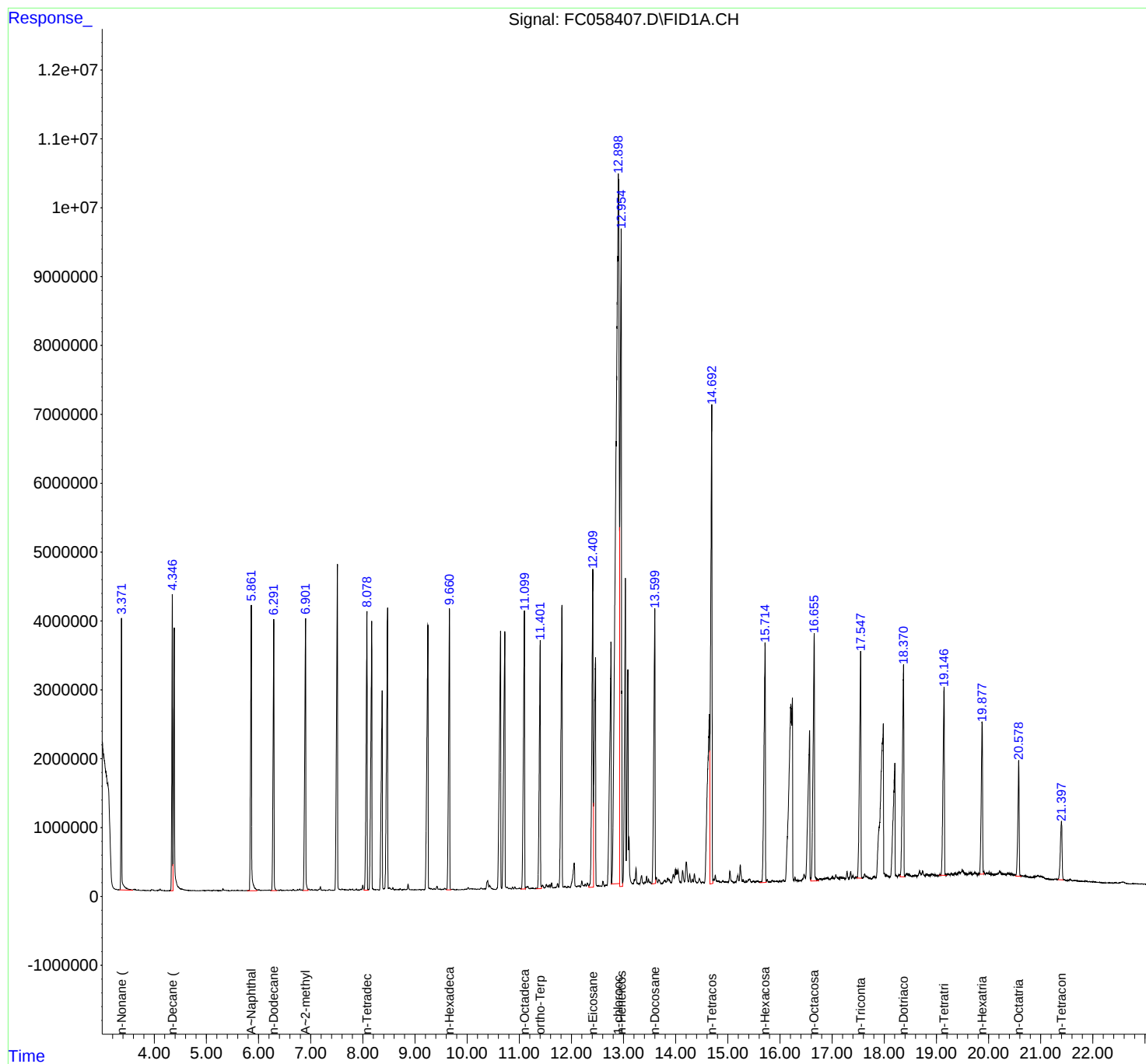
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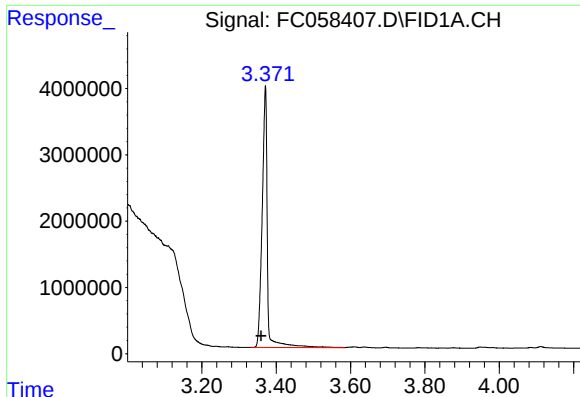
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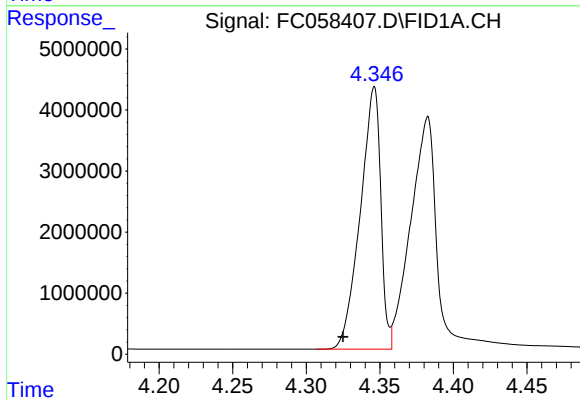
#1 n-Nonane (C9)

R.T.: 3.370 min
Delta R.T.: 0.011 min
Response: 38446912
Conc: 29.38 ug/ml

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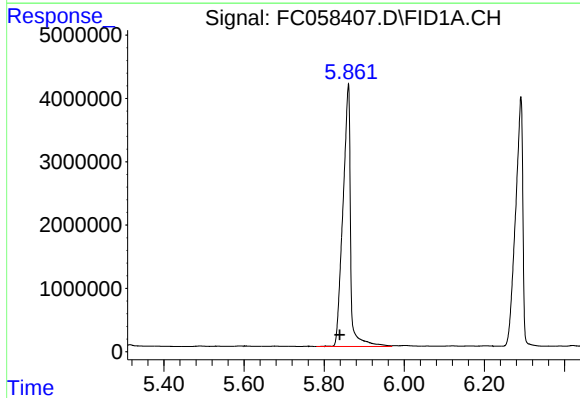
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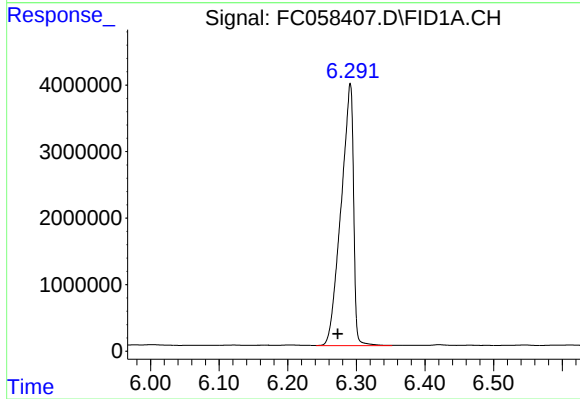
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: 0.020 min
Response: 41662020
Conc: 31.52 ug/ml



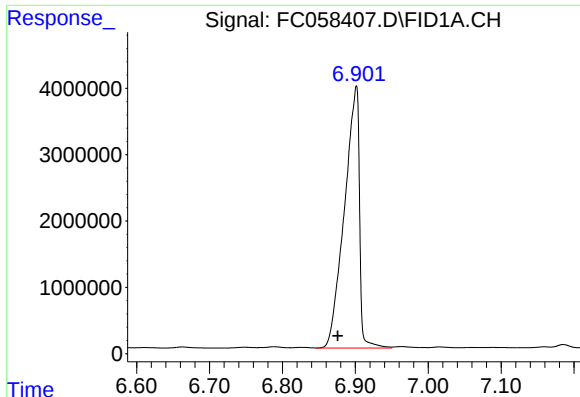
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: 0.020 min
Response: 55094871
Conc: 37.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.290 min
Delta R.T.: 0.017 min
Response: 49905100
Conc: 37.06 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.900 min
Delta R.T.: 0.024 min
Response: 56712529
Conc: 38.75 ug/ml

Instrument :

FID_C

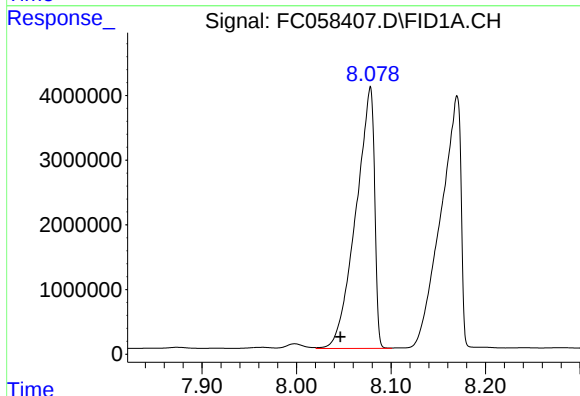
ClientSampleId :

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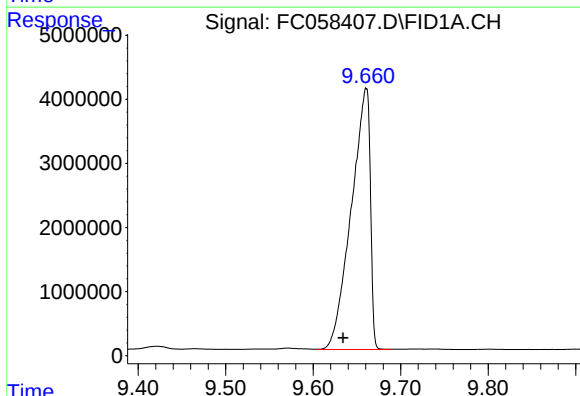
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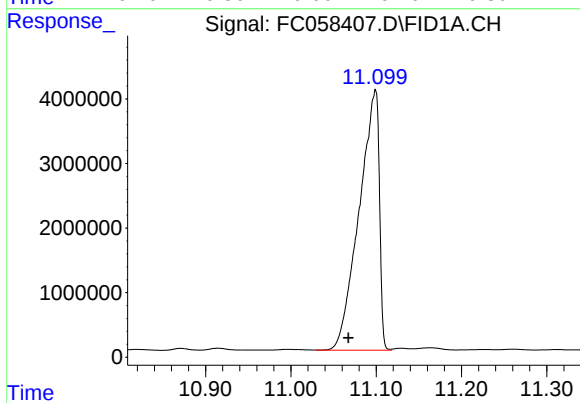
#6 n-Tetradecane (C14)

R.T.: 8.077 min
Delta R.T.: 0.031 min
Response: 55499727
Conc: 41.02 ug/ml



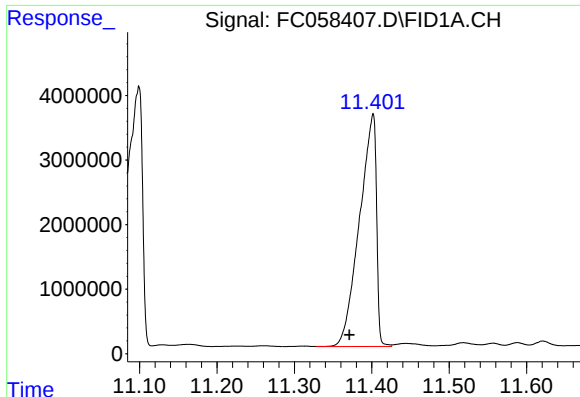
#7 n-Hexadecane (C16)

R.T.: 9.659 min
Delta R.T.: 0.025 min
Response: 61649588
Conc: 45.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.097 min
Delta R.T.: 0.030 min
Response: 66201972
Conc: 48.16 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.400 min
Delta R.T.: 0.029 min
Response: 54861740
Conc: 35.65 ug/ml

Instrument :

FID_C

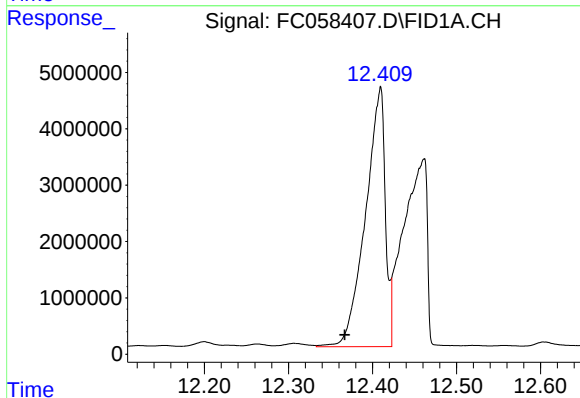
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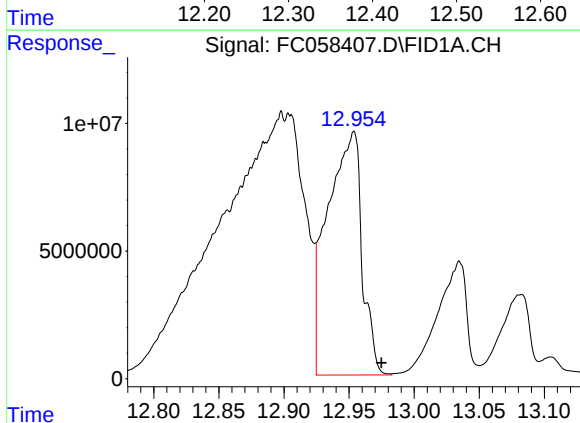
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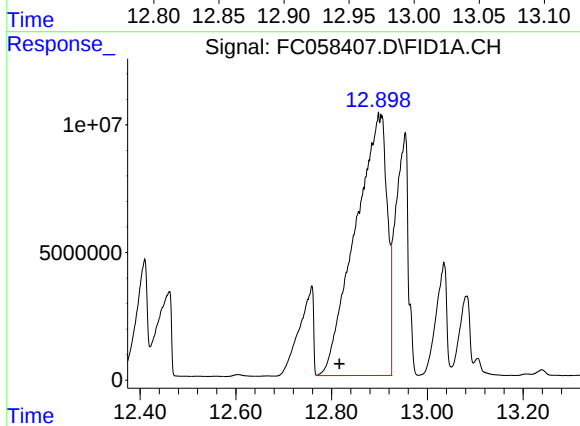
#10 n-Eicosane (C20)

R.T.: 12.408 min
Delta R.T.: 0.041 min
Response: 75345304
Conc: 55.34 ug/ml



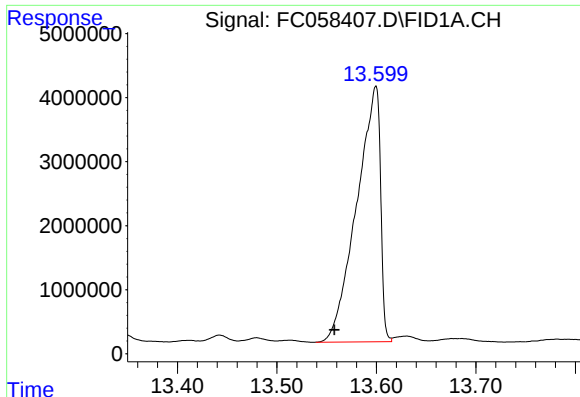
#11 n-Heneicosane (C21)

R.T.: 12.952 min
Delta R.T.: -0.023 min
Response: 175174069
Conc: 128.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.898 min
Delta R.T.: 0.082 min
Response: 472458956
Conc: 404.63 ug/ml m



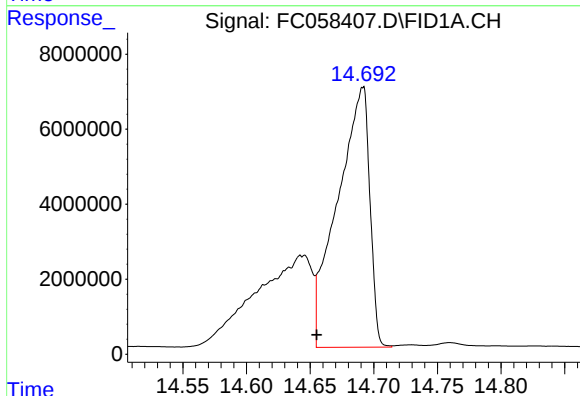
#13 n-Docosane (C22)

R.T.: 13.599 min
Delta R.T.: 0.042 min
Response: 66255341
Conc: 48.77 ug/ml

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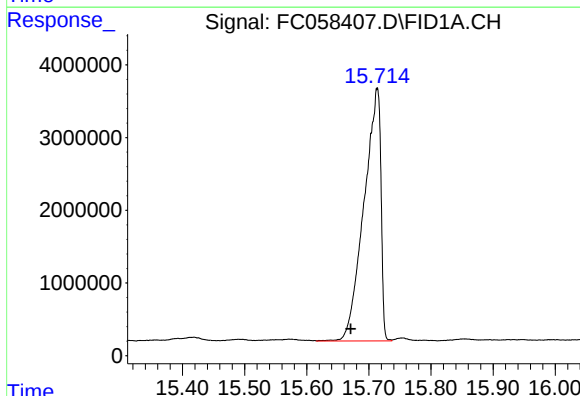
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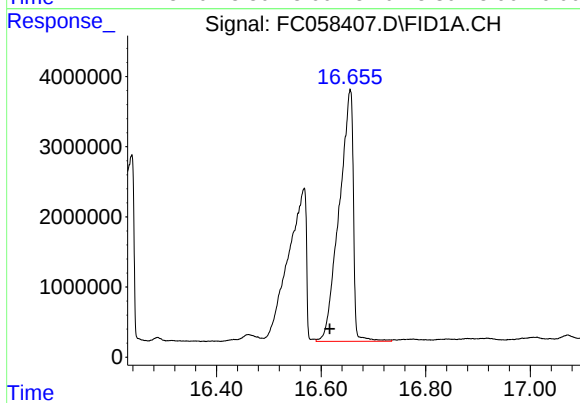
#14 n-Tetracosane (C24)

R.T.: 14.692 min
Delta R.T.: 0.037 min
Response: 121651941
Conc: 90.33 ug/ml m



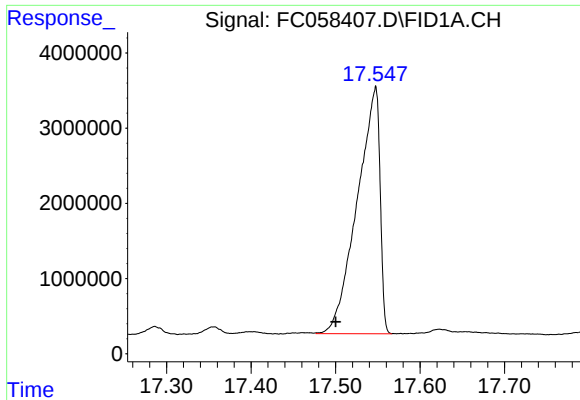
#15 n-Hexacosane (C26)

R.T.: 15.713 min
Delta R.T.: 0.042 min
Response: 65836495
Conc: 49.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.654 min
Delta R.T.: 0.038 min
Response: 67160900
Conc: 51.86 ug/ml



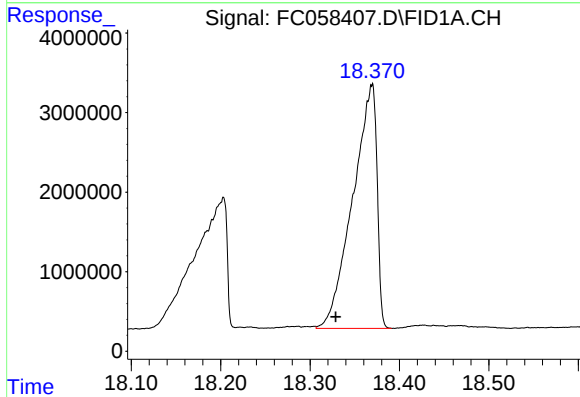
#17 n-Tricontane (C30)

R.T.: 17.547 min
Delta R.T.: 0.047 min
Response: 61338805
Conc: 48.85 ug/ml

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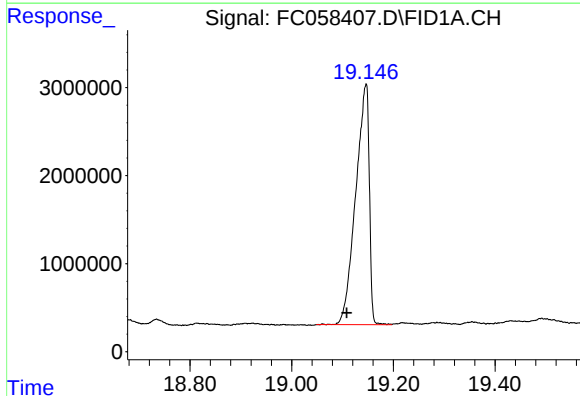
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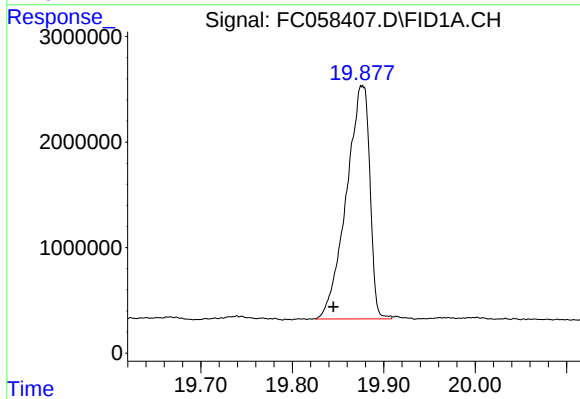
#18 n-Dotriacontane (C32)

R.T.: 18.370 min
Delta R.T.: 0.041 min
Response: 57616586
Conc: 48.59 ug/ml m



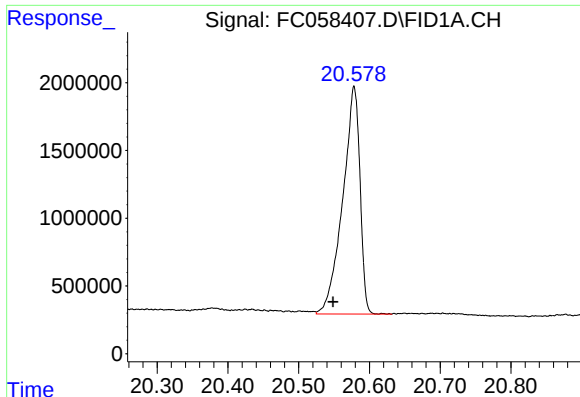
#19 n-Tetratriacontane (C34)

R.T.: 19.145 min
Delta R.T.: 0.036 min
Response: 50518146
Conc: 46.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.877 min
Delta R.T.: 0.032 min
Response: 39449711
Conc: 39.83 ug/ml m



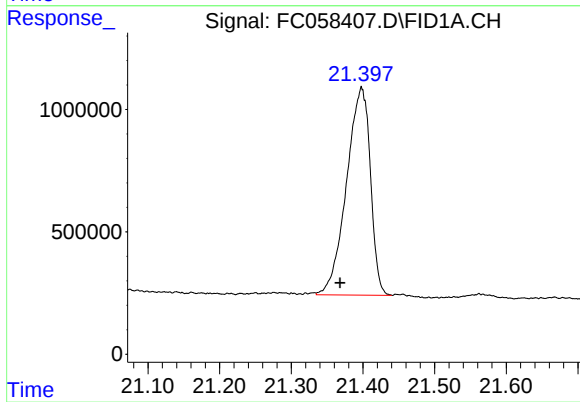
#21 n-Octatriacontane (C38)

R.T.: 20.578 min
Delta R.T.: 0.030 min
Response: 28454222
Conc: 32.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.397 min
Delta R.T.: 0.030 min
Response: 19601151
Conc: 25.43 ug/ml m