

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021822AL\
 Data File : FC058386.D
 Signal(s) : FID1A.CH
 Acq On : 18 Feb 2022 12:43
 Operator : YP\AJ
 Sample : PB142737BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB142737BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/21/2022
 Supervised By :Ankita Jodhani 02/21/2022

Integration File: autoint1.e
 Quant Time: Feb 19 00:03:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021522.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 02:18:53 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	68960106	49.146 ug/ml
Spiked Amount 50.000		Recovery =	98.29%
12) S 1-chlorooctadecane (S...	12.830	53404810	51.028 ug/ml
Spiked Amount 50.000		Recovery =	102.06%
Target Compounds			
1) T n-Nonane (C9)	3.450f	54579238	46.134 ug/mlm
2) T n-Decane (C10)	4.375f	58325832	48.791 ug/ml
3) T A~Naphthalene (C11.7)	5.857	67870582	51.234 ug/ml
4) T n-Dodecane (C12)	6.285	61870807	49.734 ug/ml
5) T A~2-methylnaphthalene...	6.894	67614896	50.845 ug/ml
6) T n-Tetradecane (C14)	8.073	66429083	53.364 ug/ml
7) T n-Hexadecane (C16)	9.656	72148701	57.516 ug/ml
8) T n-Octadecane (C18)	11.095	75780638	60.049 ug/ml
10) T n-Eicosane (C20)	12.405	93111666	74.751 ug/ml
11) T n-Heneicosane (C21)	13.006	74724537	60.067 ug/ml
13) T n-Docosane (C22)	13.588	74383968	60.204 ug/ml
14) T n-Tetracosane (C24)	14.677	139480092	114.681 ug/ml
15) T n-Hexacosane (C26)	15.711	73482114	62.142 ug/ml
16) T n-Octacosane (C28)	16.650	72612594	63.504 ug/ml
17) T n-Tricontane (C30)	17.544	67349779	61.931 ug/ml
18) T n-Dotriacontane (C32)	18.360	59695742	63.023 ug/ml
19) T n-Tetratriacontane (C34)	19.139	52372056	61.003 ug/ml
20) T n-Hexatriacontane (C36)	19.871	42743288	61.055 ug/mlm
21) T n-Octatriacontane (C38)	20.575	33368105	59.607 ug/mlm
22) T n-Tetracontane (C40)	21.393	25980273	59.704 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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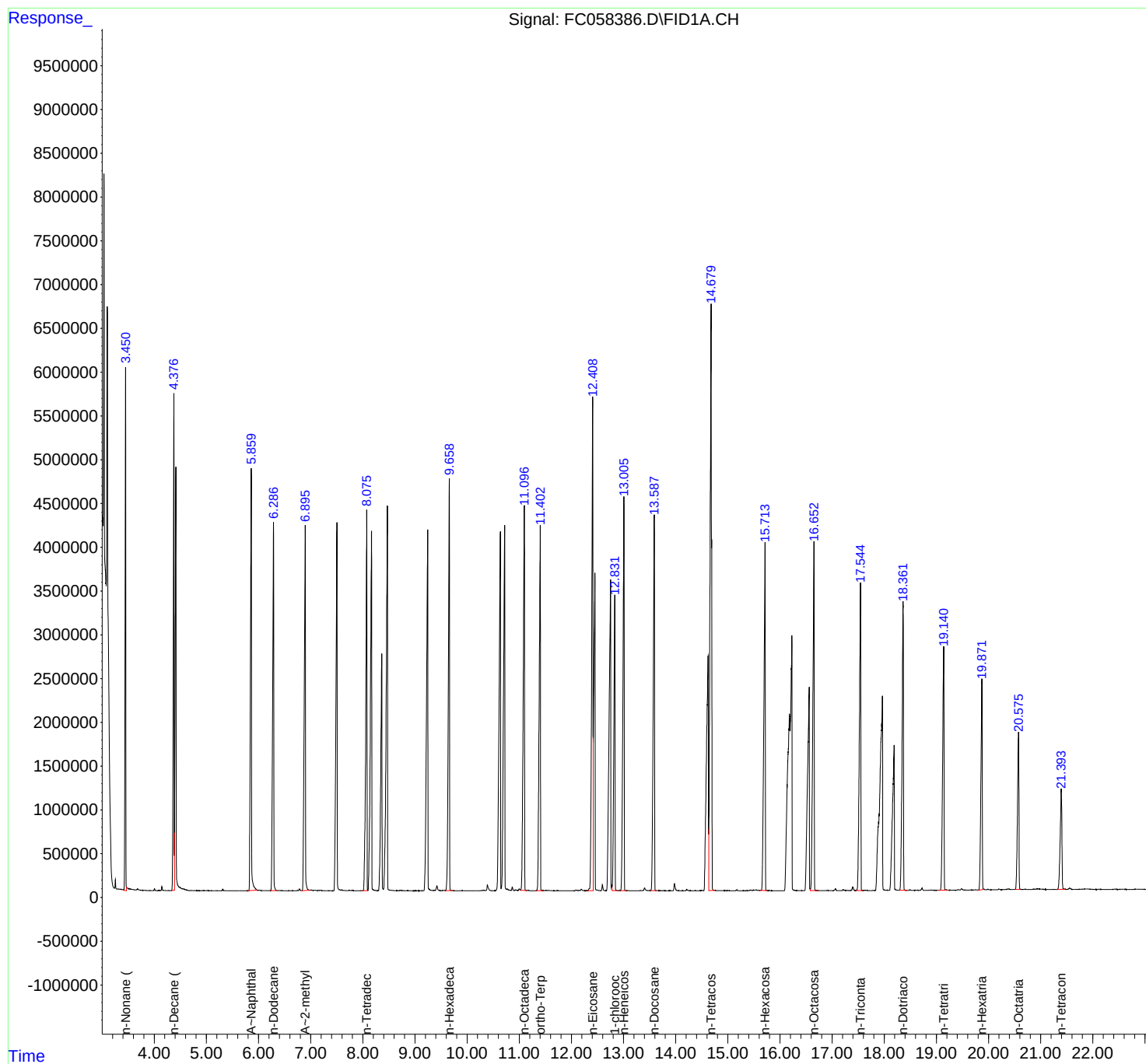
Instrument :
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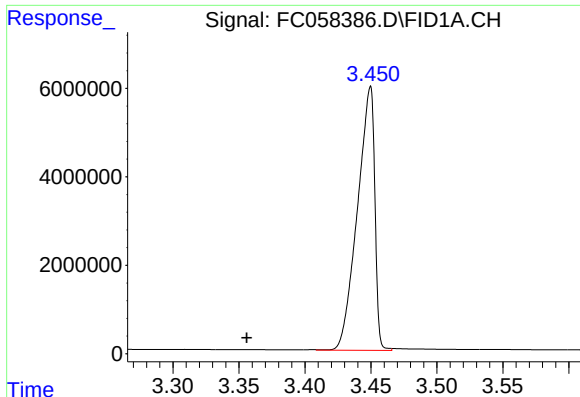
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#1 n-Nonane (C9)

R.T.: 3.450 min
Delta R.T.: 0.094 min
Response: 54579238
Conc: 46.13 ug/ml

Instrument :

FID_C

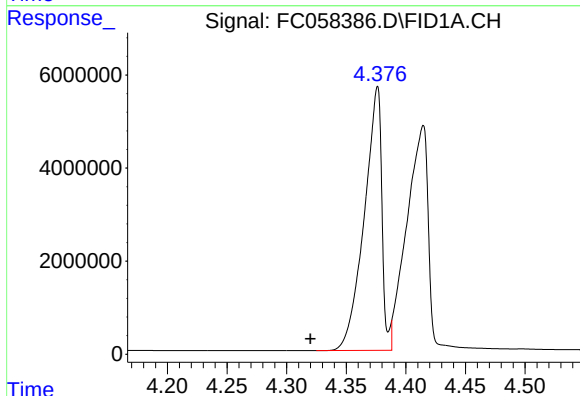
ClientSampleId :

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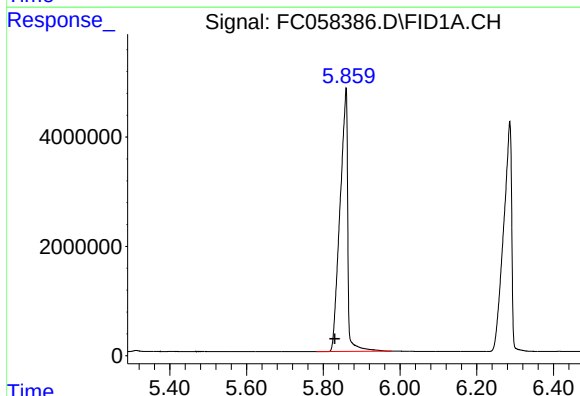
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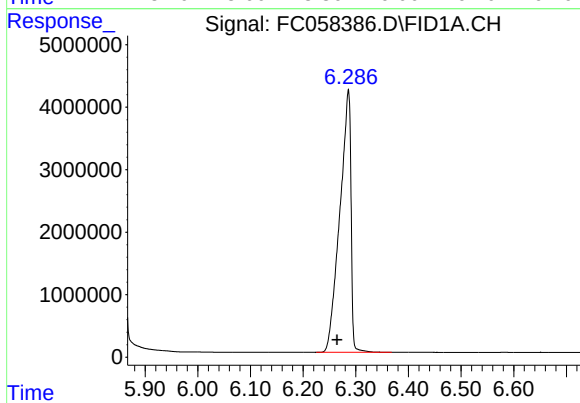
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: 0.055 min
Response: 58325832
Conc: 48.79 ug/ml



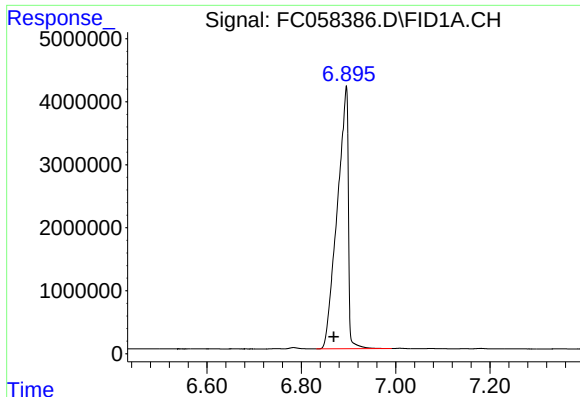
#3 A~Naphthalene (C11.7)

R.T.: 5.857 min
Delta R.T.: 0.027 min
Response: 67870582
Conc: 51.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.285 min
Delta R.T.: 0.020 min
Response: 61870807
Conc: 49.73 ug/ml



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

R.T.: 6.894 min
Delta R.T.: 0.025 min
Response: 67614896
Conc: 50.84 ug/ml

Instrument :

FID_C

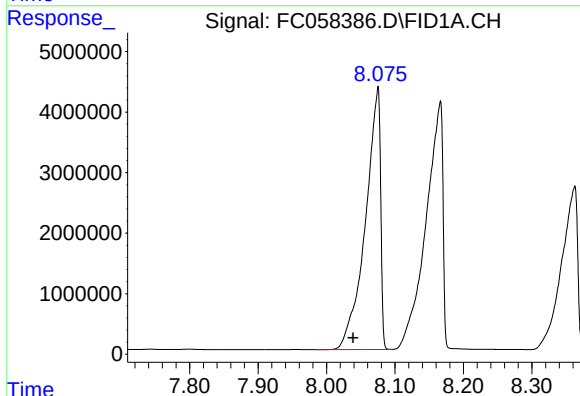
ClientSampleId :

PB142737BS

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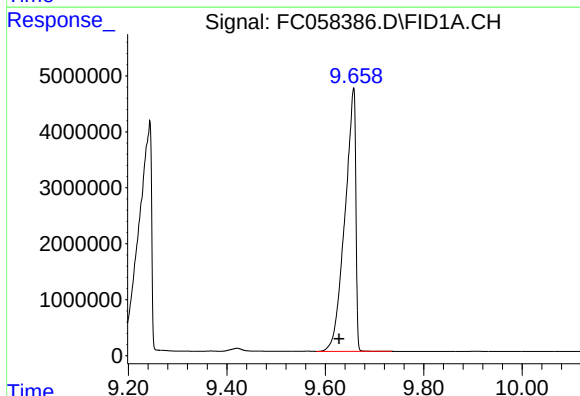
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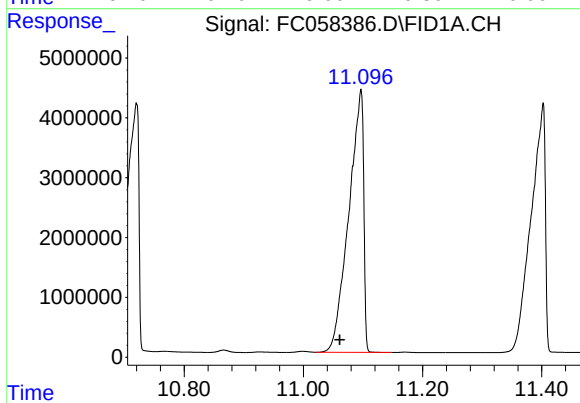
#6 n-Tetradecane (C14)

R.T.: 8.073 min
Delta R.T.: 0.034 min
Response: 66429083
Conc: 53.36 ug/ml



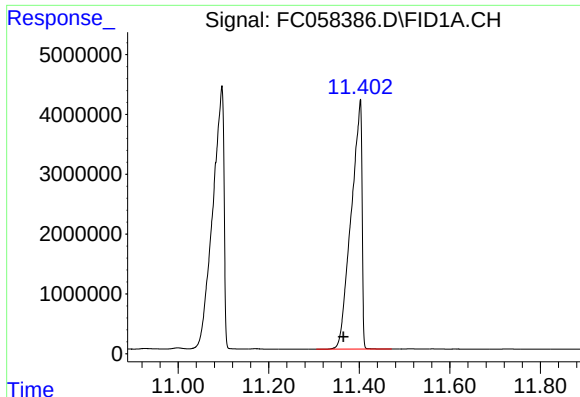
#7 n-Hexadecane (C16)

R.T.: 9.656 min
Delta R.T.: 0.028 min
Response: 72148701
Conc: 57.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.095 min
Delta R.T.: 0.034 min
Response: 75780638
Conc: 60.05 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.400 min
Delta R.T.: 0.035 min
Response: 68960106
Conc: 49.15 ug/ml

Instrument :

FID_C

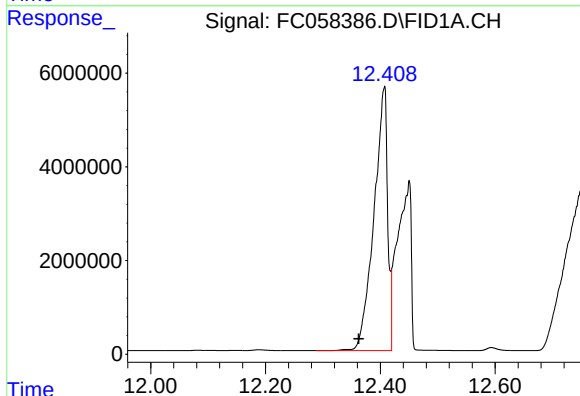
ClientSampleId :

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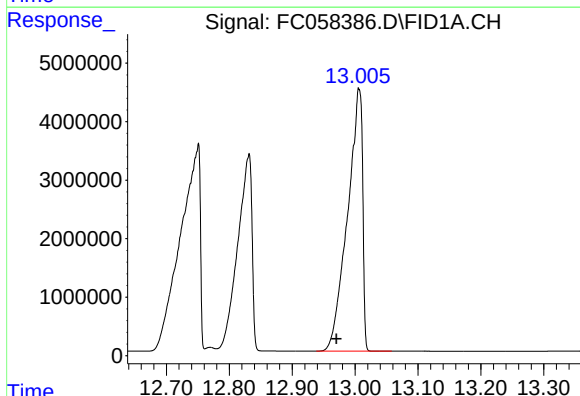
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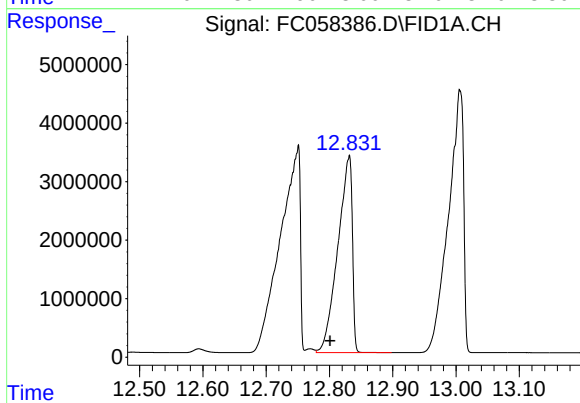
#10 n-Eicosane (C20)

R.T.: 12.405 min
Delta R.T.: 0.043 min
Response: 93111666
Conc: 74.75 ug/ml



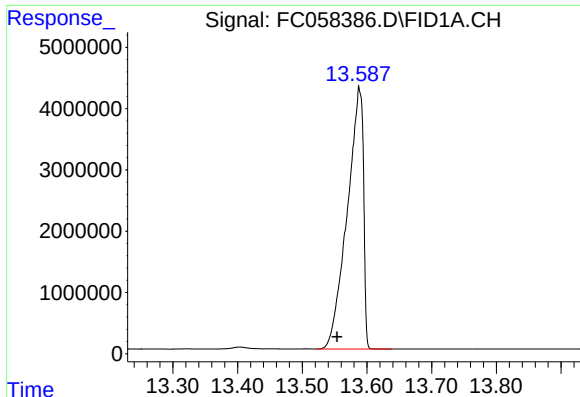
#11 n-Heneicosane (C21)

R.T.: 13.006 min
Delta R.T.: 0.035 min
Response: 74724537
Conc: 60.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.830 min
Delta R.T.: 0.029 min
Response: 53404810
Conc: 51.03 ug/ml



#13 n-Docosane (C22)

R.T.: 13.588 min
Delta R.T.: 0.034 min
Response: 74383968
Conc: 60.20 ug/ml

Instrument :

FID_C

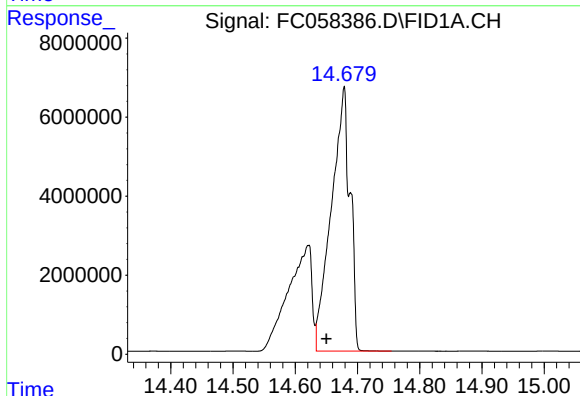
ClientSampleId :

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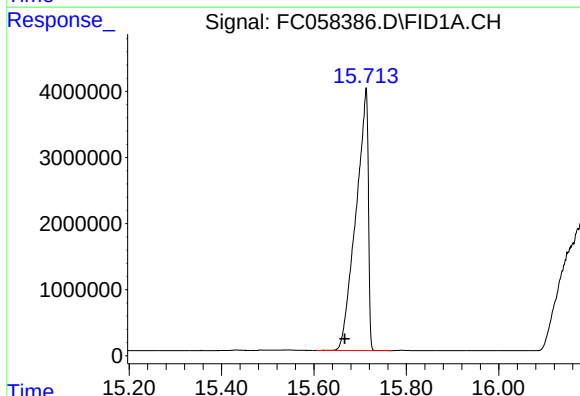
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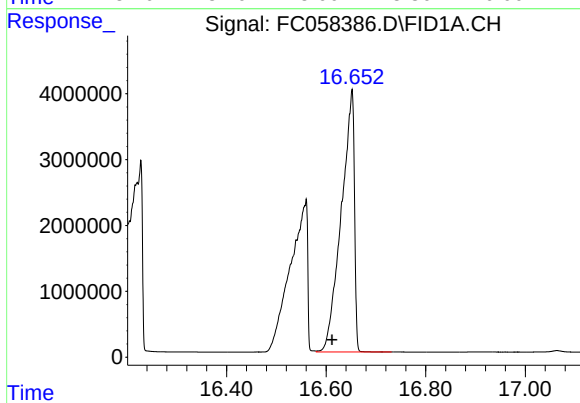
#14 n-Tetracosane (C24)

R.T.: 14.677 min
Delta R.T.: 0.027 min
Response: 139480092
Conc: 114.68 ug/ml



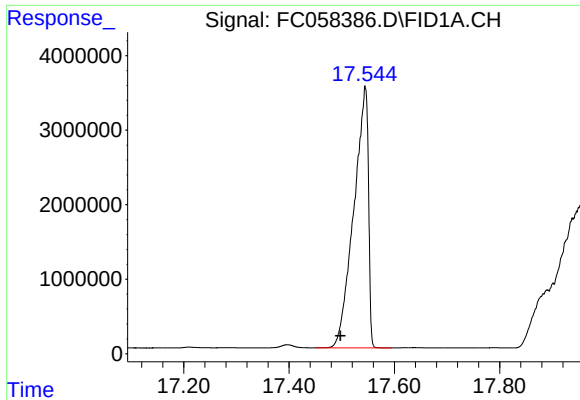
#15 n-Hexacosane (C26)

R.T.: 15.711 min
Delta R.T.: 0.045 min
Response: 73482114
Conc: 62.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.650 min
Delta R.T.: 0.038 min
Response: 72612594
Conc: 63.50 ug/ml



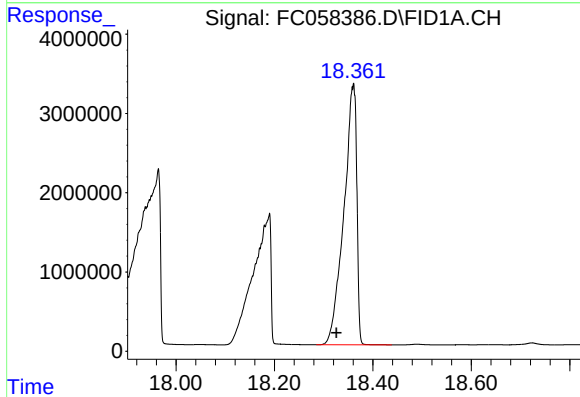
#17 n-Tricontane (C30)

R.T.: 17.544 min
Delta R.T.: 0.046 min
Response: 67349779
Conc: 61.93 ug/ml

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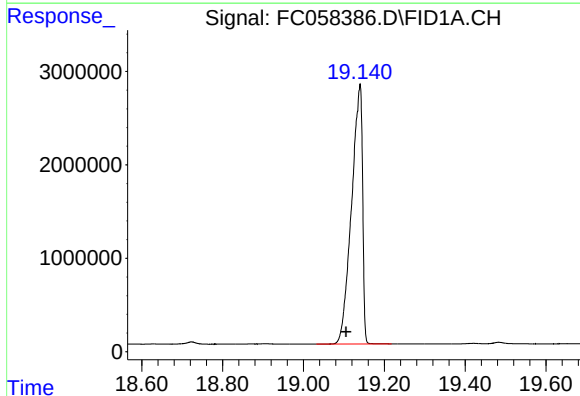
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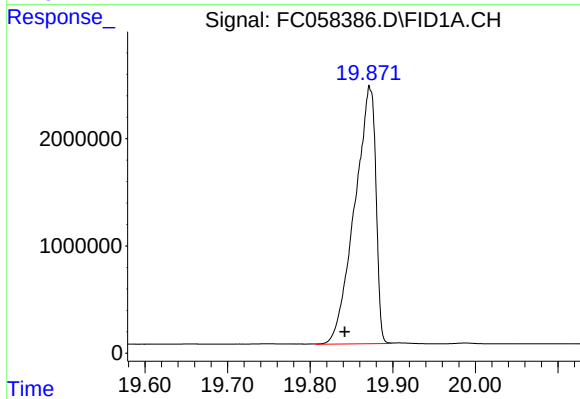
#18 n-Dotriacontane (C32)

R.T.: 18.360 min
Delta R.T.: 0.034 min
Response: 59695742
Conc: 63.02 ug/ml



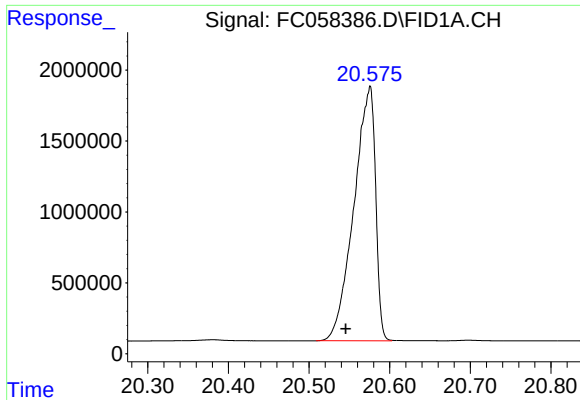
#19 n-Tetratriacontane (C34)

R.T.: 19.139 min
Delta R.T.: 0.033 min
Response: 52372056
Conc: 61.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.871 min
Delta R.T.: 0.029 min
Response: 42743288
Conc: 61.05 ug/ml m



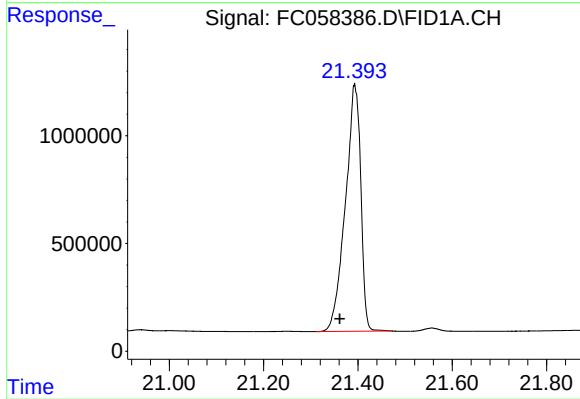
#21 n-Octatriacontane (C38)

R.T.: 20.575 min
Delta R.T.: 0.030 min
Response: 33368105
Conc: 59.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.393 min
Delta R.T.: 0.032 min
Response: 25980273
Conc: 59.70 ug/ml