

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022122AL\
 Data File : FC058402.D
 Signal(s) : FID1A.CH
 Acq On : 21 Feb 2022 20:57
 Operator : YP\AJ
 Sample : PB142840BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB142840BS

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 00:27:53 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)	11.408	82953785	53.901 ug/ml
Spiked Amount 50.000		Recovery =	107.80%
12) S 1-chlorooctadecane (S...	12.837	64914969	55.596 ug/ml
Spiked Amount 50.000		Recovery =	111.19%
Target Compounds			
1) T n-Nonane (C9)	3.402	44471598	33.980 ug/ml
2) T n-Decane (C10)	4.359	46541687	35.216 ug/ml
3) T A~Naphthalene (C11.7)	5.861	57392140	39.255 ug/ml
4) T n-Dodecane (C12)	6.290	52737421	39.161 ug/ml
5) T A~2-methylnaphthalene...	6.898	59352633	40.558 ug/ml
6) T n-Tetradecane (C14)	8.077	59312214	43.835 ug/ml
7) T n-Hexadecane (C16)	9.660	66450478	48.683 ug/ml
8) T n-Octadecane (C18)	11.097	70990595	51.647 ug/ml
10) T n-Eicosane (C20)	12.407	86109417	63.241 ug/ml
11) T n-Heneicosane (C21)	13.008	70224681	51.507 ug/ml
13) T n-Docosane (C22)	13.590	70024003	51.542 ug/ml
14) T n-Tetracosane (C24)	14.620	69403240	51.536 ug/mlm
15) T n-Hexacosane (C26)	15.711	69886236	52.897 ug/ml
16) T n-Octacosane (C28)	16.650	69577943	53.723 ug/ml
17) T n-Tricontane (C30)	17.543	66748894	53.163 ug/ml
18) T n-Dotriacontane (C32)	18.361	63334829	53.415 ug/ml
19) T n-Tetratriacontane (C34)	19.139	56803130	52.109 ug/ml
20) T n-Hexatriacontane (C36)	19.872	47645022	48.101 ug/ml
21) T n-Octatriacontane (C38)	20.573	37100203	42.001 ug/ml
22) T n-Tetracontane (C40)	21.394	29187000	37.864 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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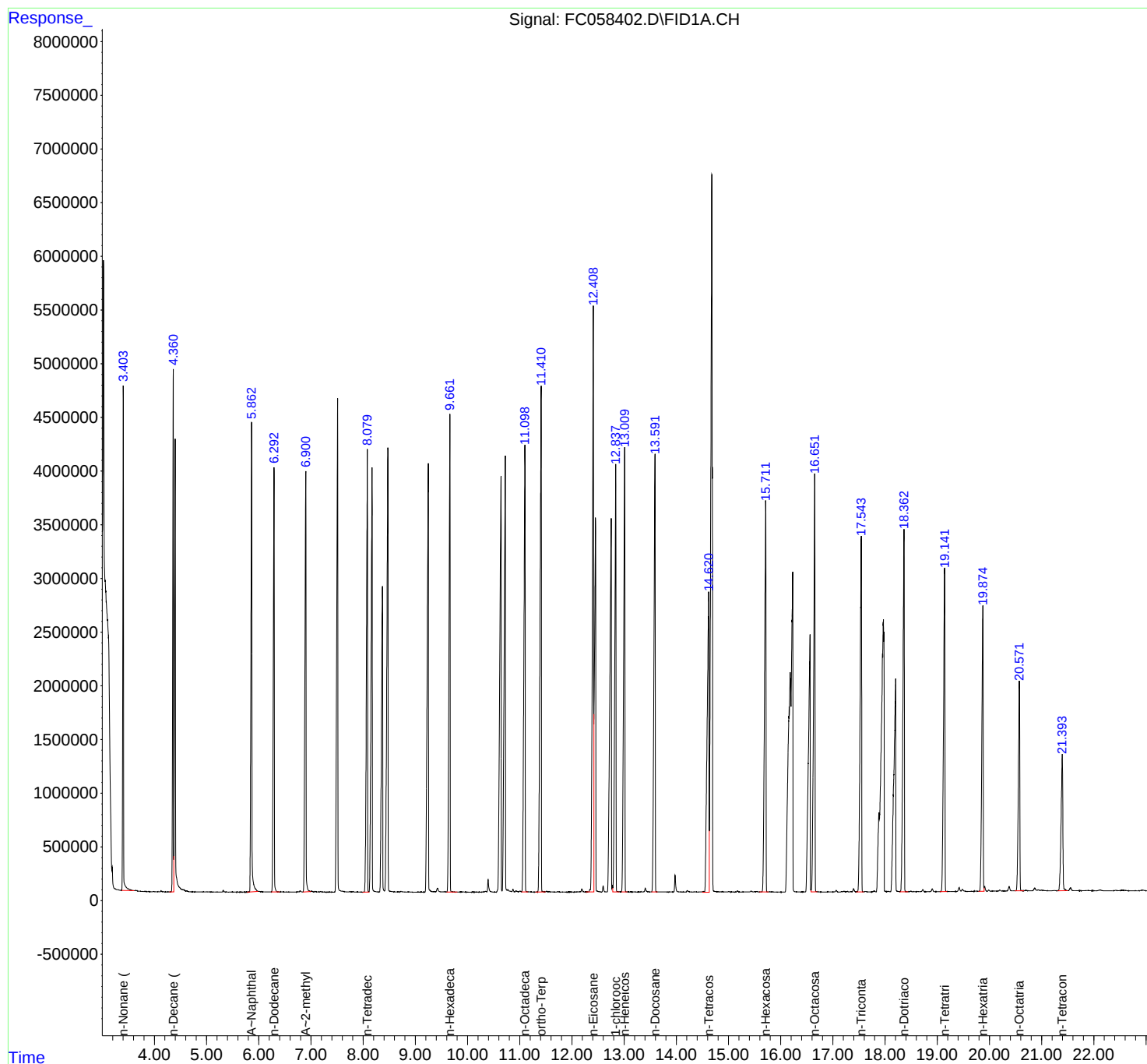
Instrument :
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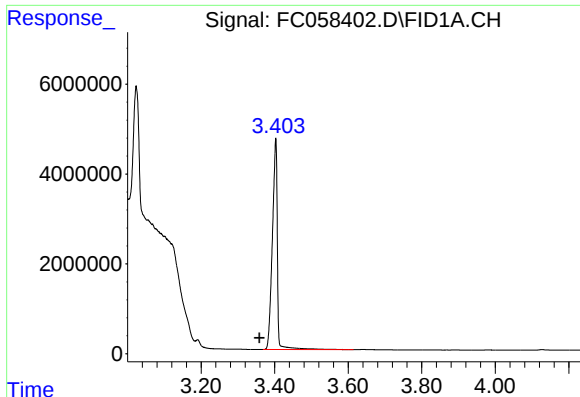
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#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: 0.043 min
Response: 44471598
Conc: 33.98 ug/ml

Instrument :

FID_C

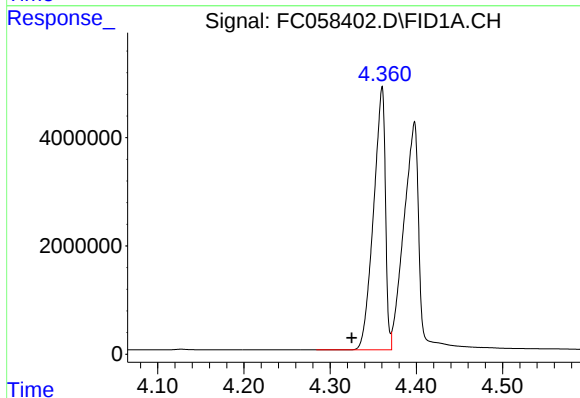
ClientSampleId :

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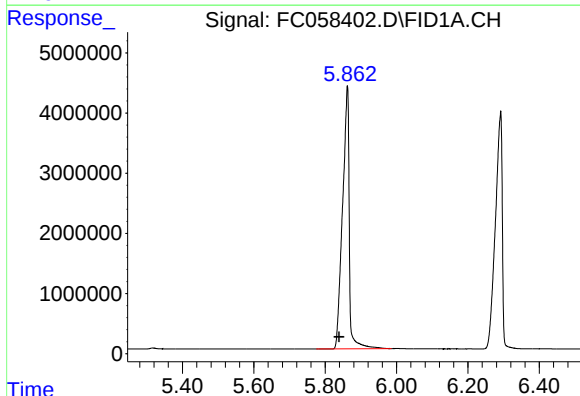
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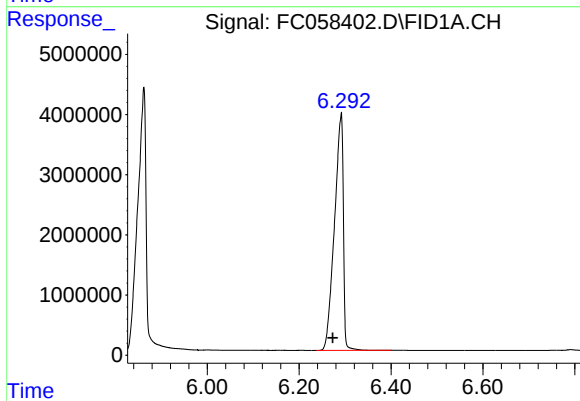
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: 0.034 min
Response: 46541687
Conc: 35.22 ug/ml



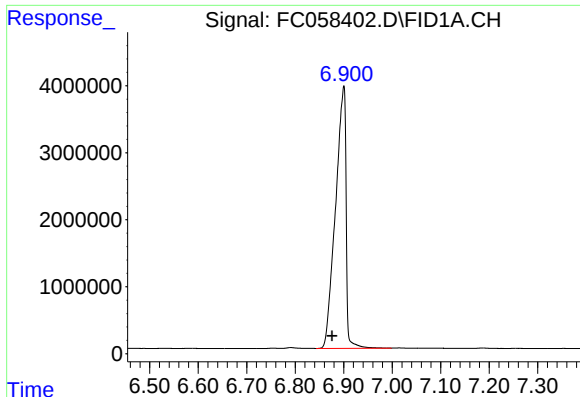
#3 A~Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: 0.022 min
Response: 57392140
Conc: 39.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.290 min
Delta R.T.: 0.017 min
Response: 52737421
Conc: 39.16 ug/ml



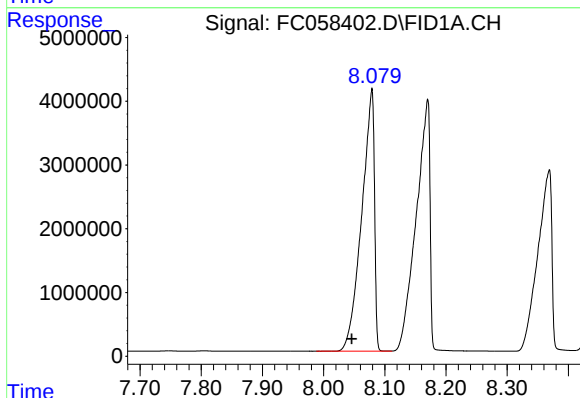
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.898 min
Delta R.T.: 0.022 min
Response: 59352633
Conc: 40.56 ug/ml

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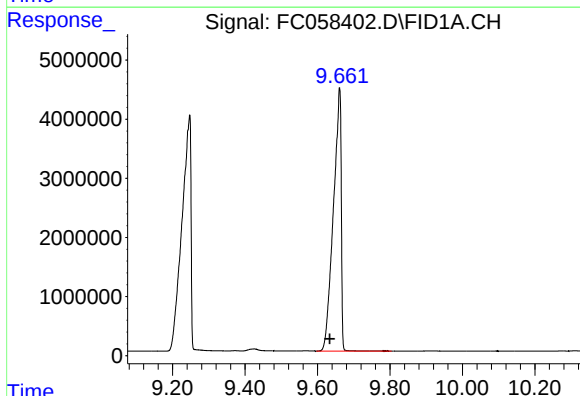
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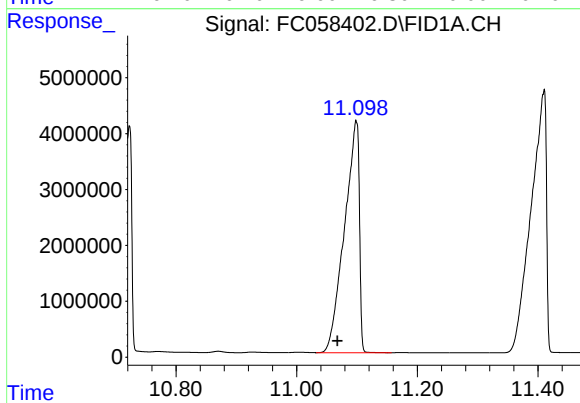
#6 n-Tetradecane (C14)

R.T.: 8.077 min
Delta R.T.: 0.031 min
Response: 59312214
Conc: 43.83 ug/ml



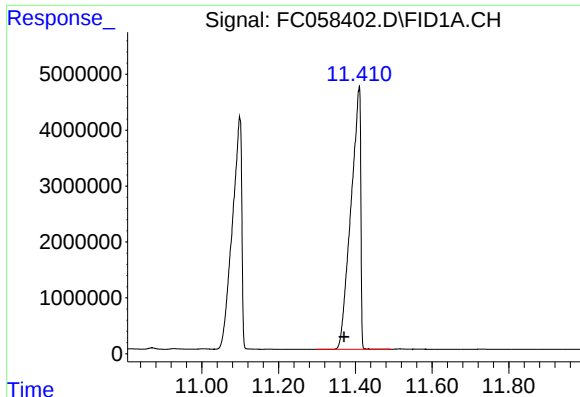
#7 n-Hexadecane (C16)

R.T.: 9.660 min
Delta R.T.: 0.026 min
Response: 66450478
Conc: 48.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.097 min
Delta R.T.: 0.030 min
Response: 70990595
Conc: 51.65 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.408 min
Delta R.T.: 0.037 min
Response: 82953785
Conc: 53.90 ug/ml

Instrument :

FID_C

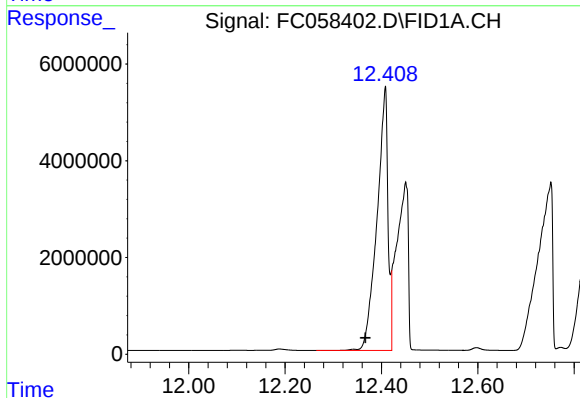
ClientSampleId :

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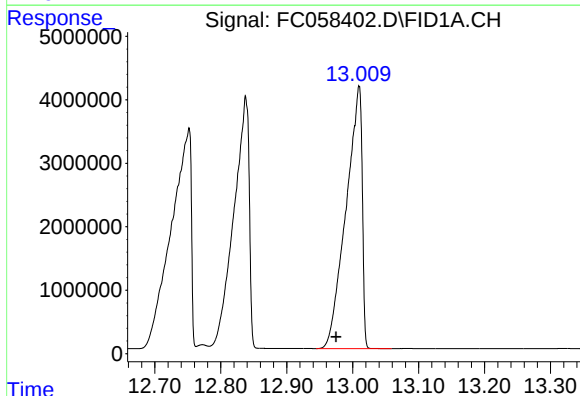
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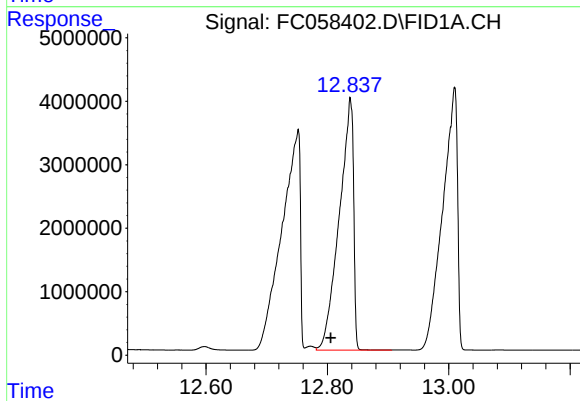
#10 n-Eicosane (C20)

R.T.: 12.407 min
Delta R.T.: 0.040 min
Response: 86109417
Conc: 63.24 ug/ml



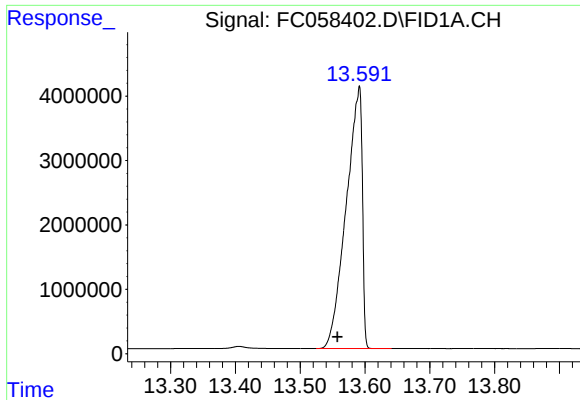
#11 n-Heneicosane (C21)

R.T.: 13.008 min
Delta R.T.: 0.033 min
Response: 70224681
Conc: 51.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.837 min
Delta R.T.: 0.032 min
Response: 64914969
Conc: 55.60 ug/ml



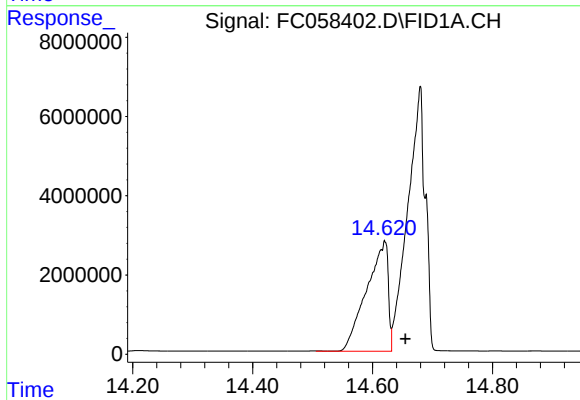
#13 n-Docosane (C22)

R.T.: 13.590 min
Delta R.T.: 0.032 min
Response: 70024003
Conc: 51.54 ug/ml

Instrument :
FID_C
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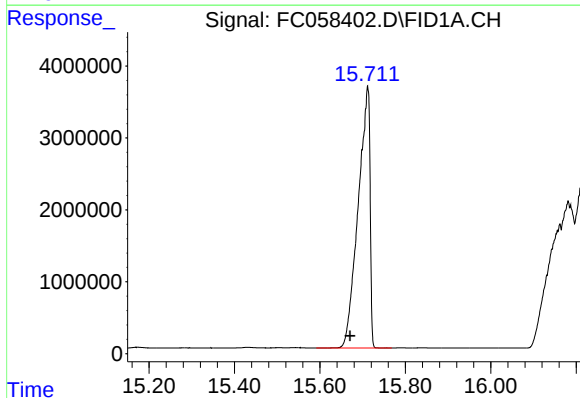
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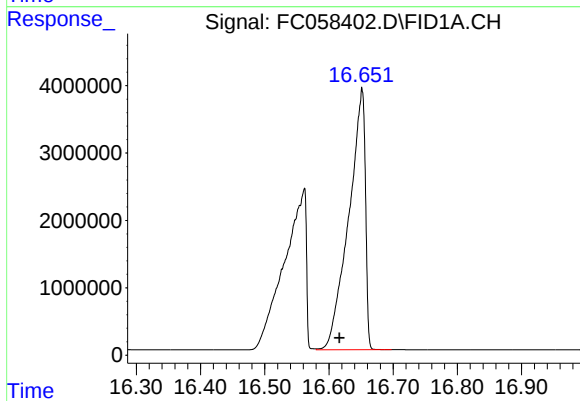
#14 n-Tetracosane (C24)

R.T.: 14.620 min
Delta R.T.: -0.036 min
Response: 69403240
Conc: 51.54 ug/ml m



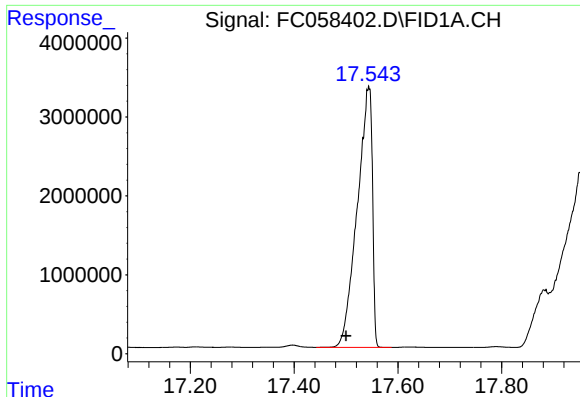
#15 n-Hexacosane (C26)

R.T.: 15.711 min
Delta R.T.: 0.040 min
Response: 69886236
Conc: 52.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.650 min
Delta R.T.: 0.034 min
Response: 69577943
Conc: 53.72 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.543 min
Delta R.T.: 0.043 min
Response: 66748894
Conc: 53.16 ug/ml

Instrument :

FID_C

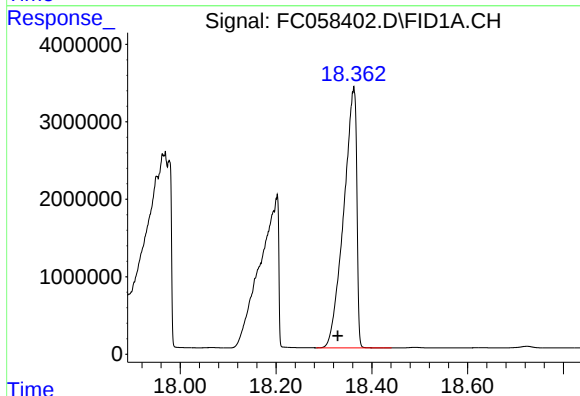
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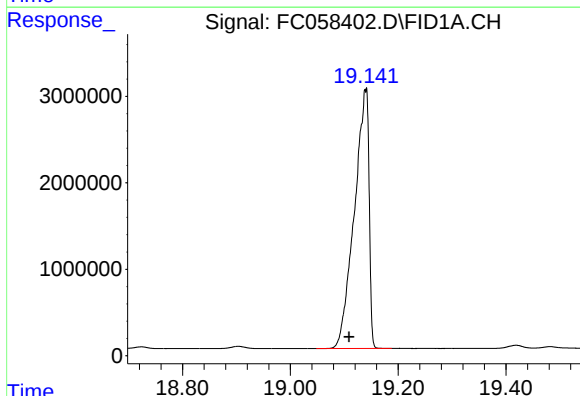
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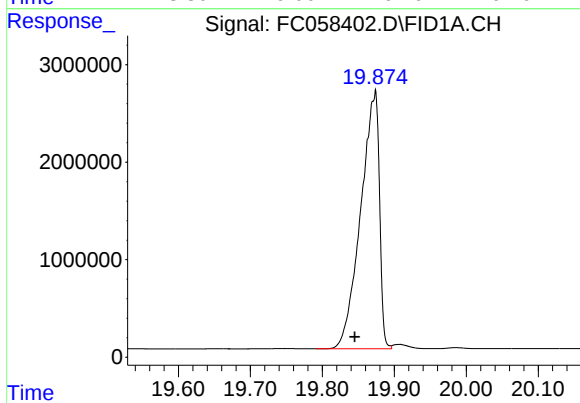
#18 n-Dotriacontane (C32)

R.T.: 18.361 min
Delta R.T.: 0.032 min
Response: 63334829
Conc: 53.42 ug/ml



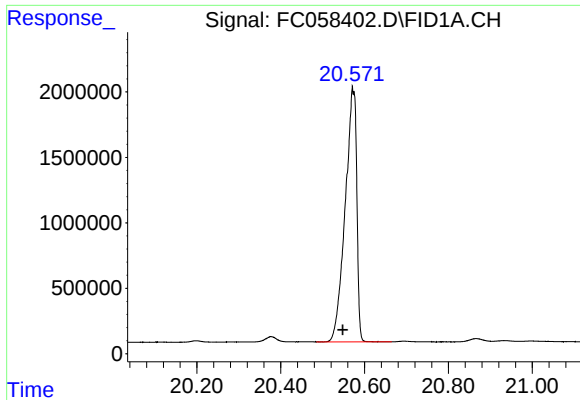
#19 n-Tetratriacontane (C34)

R.T.: 19.139 min
Delta R.T.: 0.030 min
Response: 56803130
Conc: 52.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.872 min
Delta R.T.: 0.027 min
Response: 47645022
Conc: 48.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.573 min
Delta R.T.: 0.024 min
Response: 37100203
Conc: 42.00 ug/ml

Instrument :

FID_C

ClientSampleId :

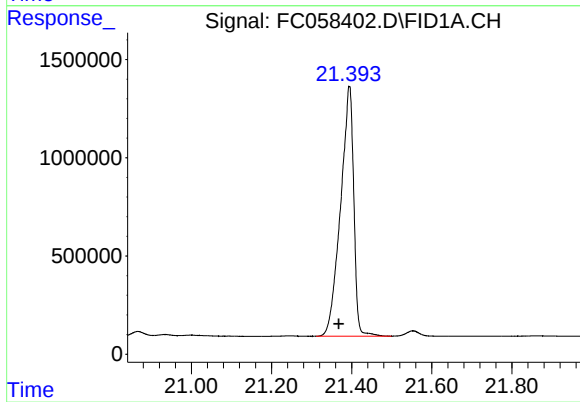
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#22 n-Tetracontane (C40)

R.T.: 21.394 min
Delta R.T.: 0.026 min
Response: 29187000
Conc: 37.86 ug/ml