

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111921AL\
 Data File : FC056928.D
 Signal(s) : FID1A.CH
 Acq On : 19 Nov 2021 5:33
 Operator : AJ\MA
 Sample : PB140880BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB140880BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/19/2021
 Supervised By :Sohil Jodhani 11/22/2021

Integration File: autoint1.e
 Quant Time: Nov 19 07:18:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 2021
 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)	11.600	5410715	46.625 ug/ml
Spiked Amount 50.000		Recovery =	93.25%
12) S 1-chlorooctadecane (S...	13.031	4459551	48.986 ug/ml
Spiked Amount 50.000		Recovery =	97.97%
Target Compounds			
1) T n-Nonane (C9)	3.366	4052218	39.990 ug/ml
2) T n-Decane (C10)	4.431	4301544	42.956 ug/ml
3) T A~Naphthalene (C11.7)	6.018	4954232	44.368 ug/ml
4) T n-Dodecane (C12)	6.447	4604819	45.416 ug/ml
5) T A~2-methylnaphthalene...	7.075	4966002	45.039 ug/ml
6) T n-Tetradecane (C14)	8.242	5048634	49.829 ug/ml
7) T n-Hexadecane (C16)	9.840	5440600	53.019 ug/ml
8) T n-Octadecane (C18)	11.280	5802731	54.161 ug/ml
10) T n-Eicosane (C20)	12.588	5779642	54.038 ug/ml
11) T n-Heneicosane (C21)	13.198	5774542	53.323 ug/ml
13) T n-Docosane (C22)	13.783	5763332	53.796 ug/ml
14) T n-Tetracosane (C24)	14.882	11533655	106.541 ug/ml
15) T n-Hexacosane (C26)	15.902	5710807	53.614 ug/ml
16) T n-Octacosane (C28)	16.847	5667245	53.131 ug/ml
17) T n-Tricontane (C30)	17.732	5450370	51.136 ug/ml
18) T n-Dotriacontane (C32)	18.559	5185592	49.162 ug/ml
19) T n-Tetratriacontane (C34)	19.342	4829146	46.484 ug/mlm
20) T n-Hexatriacontane (C36)	20.074	4428222	43.841 ug/mlm
21) T n-Octatriacontane (C38)	20.806	3952990	43.063 ug/ml
22) T n-Tetracontane (C40)	21.712	4041071	44.859 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB140880BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

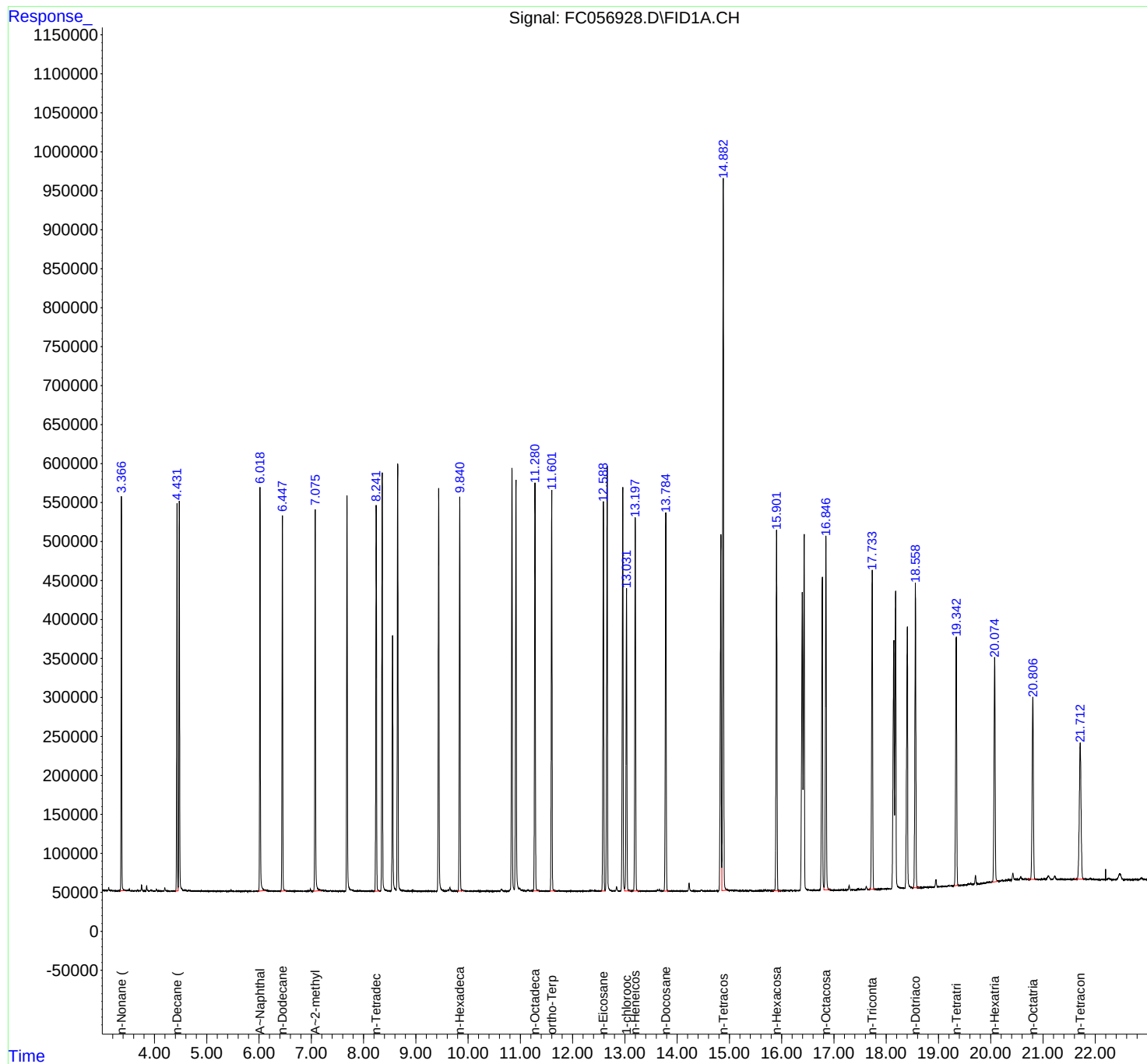
Instrument :
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PB140880BSD

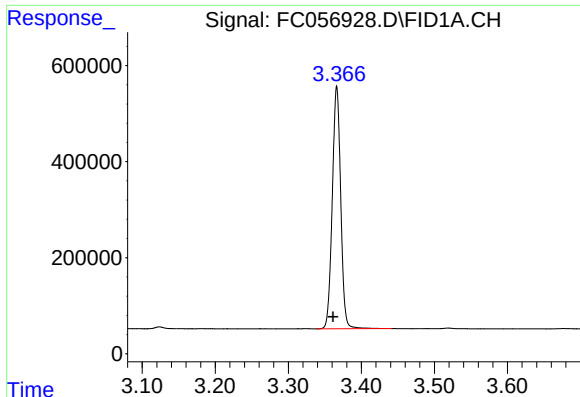
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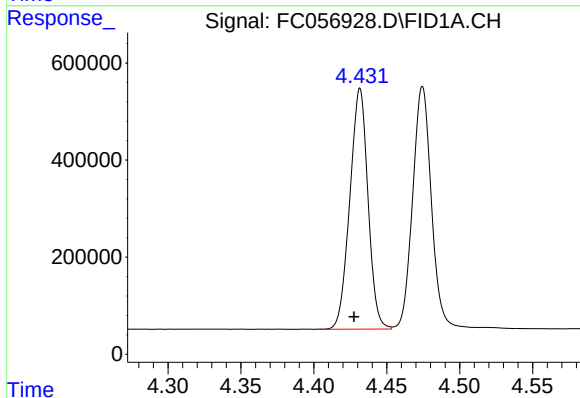
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.005 min
Response: 4052218
Conc: 39.99 ug/ml

Instrument :
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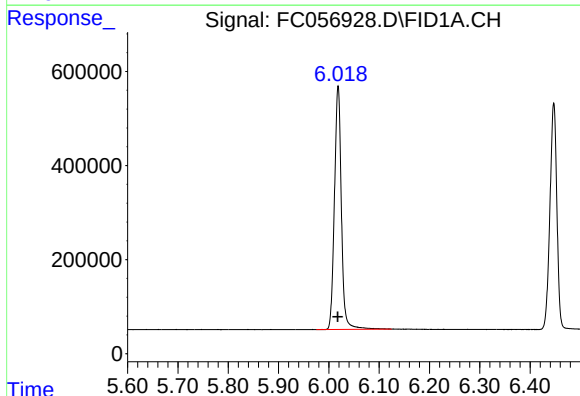
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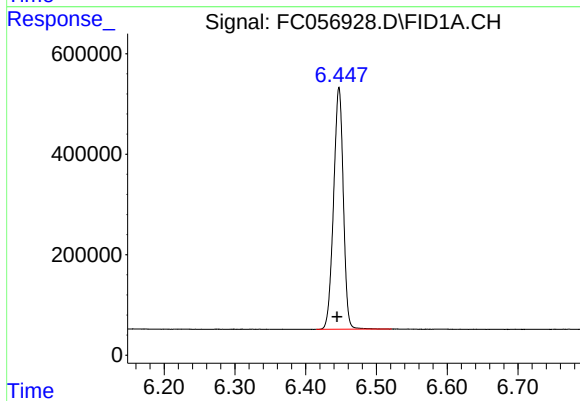
#2 n-Decane (C10)

R.T.: 4.431 min
Delta R.T.: 0.004 min
Response: 4301544
Conc: 42.96 ug/ml



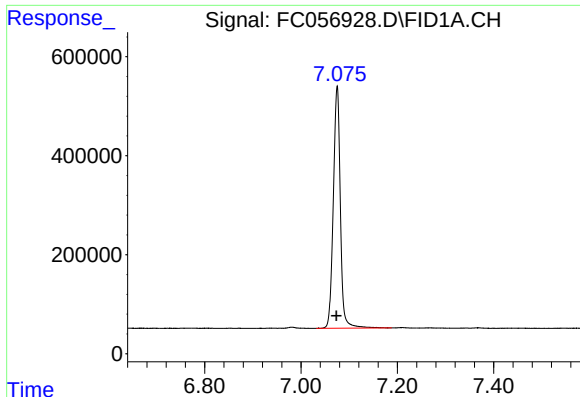
#3 A~Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 4954232
Conc: 44.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.447 min
Delta R.T.: 0.003 min
Response: 4604819
Conc: 45.42 ug/ml



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

R.T.: 7.075 min
Delta R.T.: 0.001 min
Response: 4966002
Conc: 45.04 ug/ml

Instrument :

FID_C

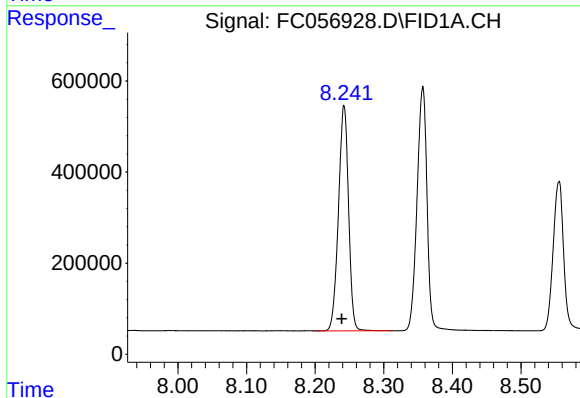
ClientSampleId :

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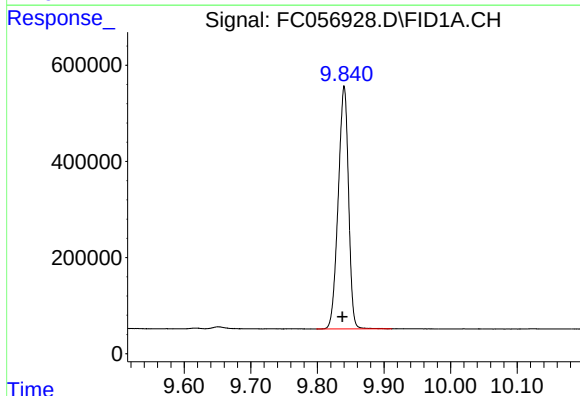
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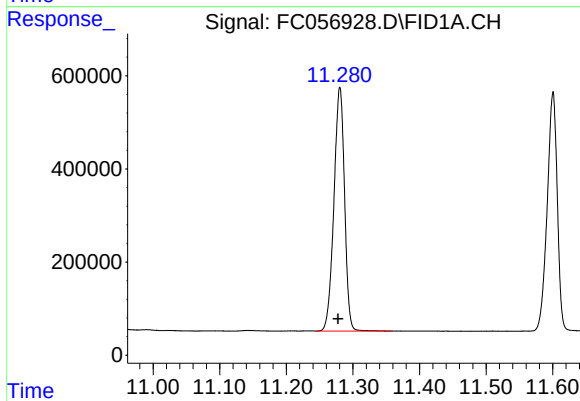
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: 0.003 min
Response: 5048634
Conc: 49.83 ug/ml



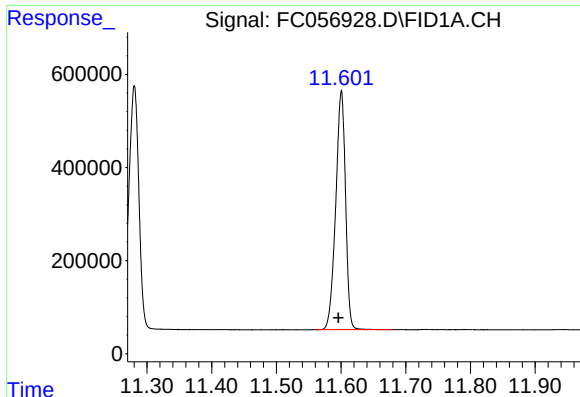
#7 n-Hexadecane (C16)

R.T.: 9.840 min
Delta R.T.: 0.002 min
Response: 5440600
Conc: 53.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: 0.002 min
Response: 5802731
Conc: 54.16 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.600 min
Delta R.T.: 0.005 min
Response: 5410715
Conc: 46.63 ug/ml

Instrument :

FID_C

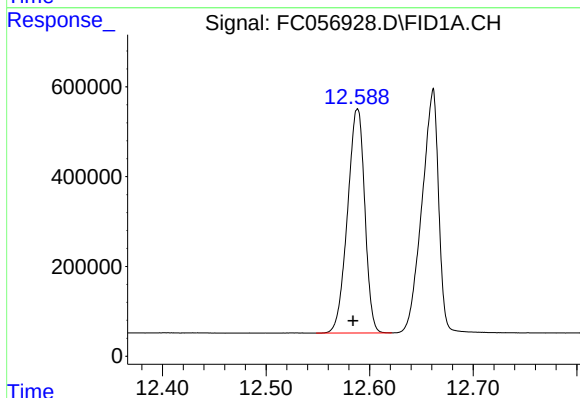
ClientSampleId :

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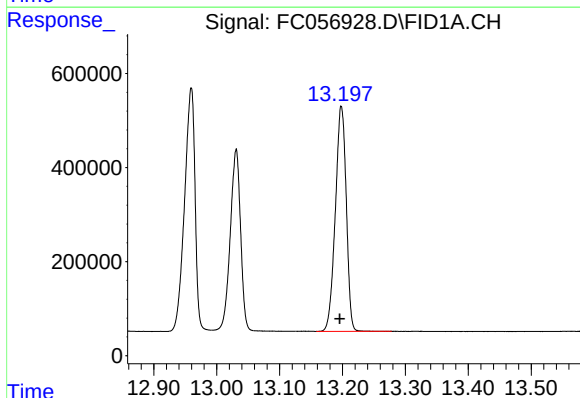
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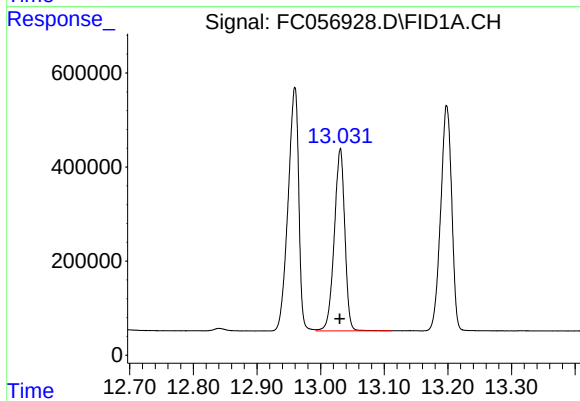
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: 0.004 min
Response: 5779642
Conc: 54.04 ug/ml



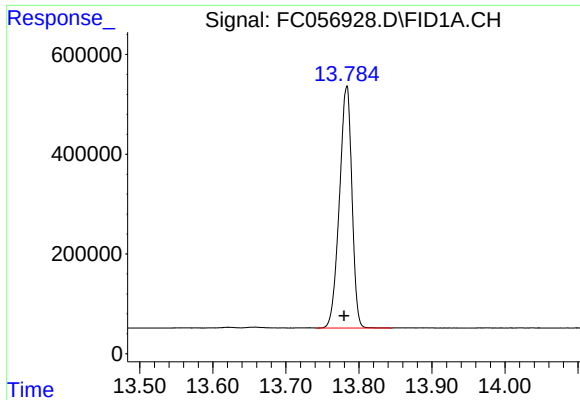
#11 n-Heneicosane (C21)

R.T.: 13.198 min
Delta R.T.: 0.003 min
Response: 5774542
Conc: 53.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.031 min
Delta R.T.: 0.000 min
Response: 4459551
Conc: 48.99 ug/ml



#13 n-Docosane (C22)

R.T.: 13.783 min
Delta R.T.: 0.003 min
Response: 5763332
Conc: 53.80 ug/ml

Instrument :

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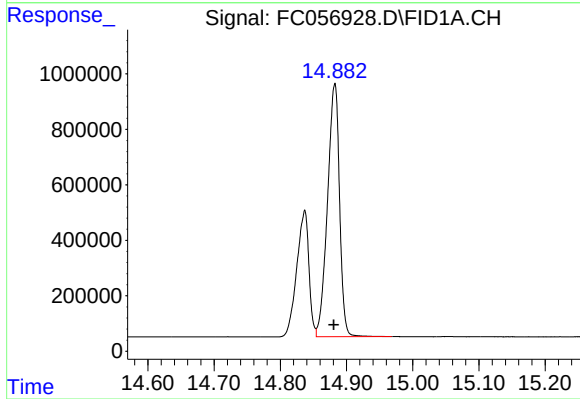
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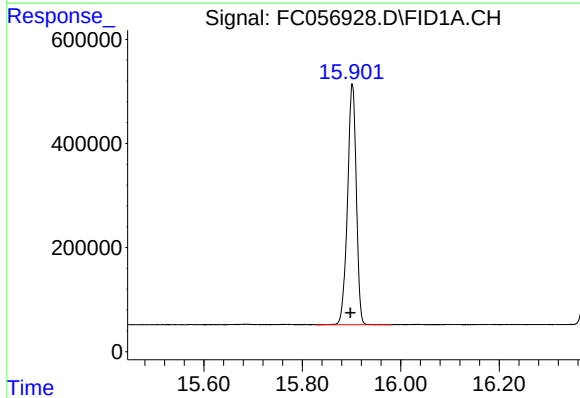
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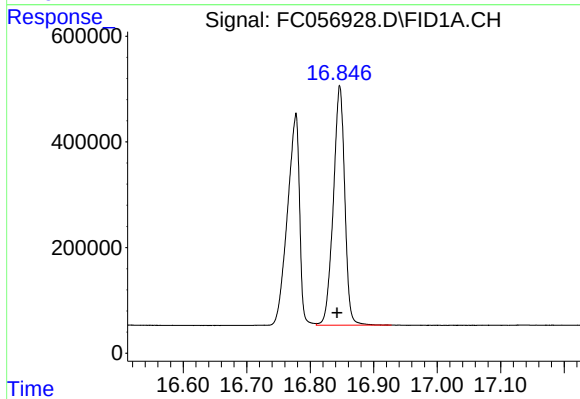
#14 n-Tetracosane (C24)

R.T.: 14.882 min
Delta R.T.: 0.001 min
Response: 11533655
Conc: 106.54 ug/ml



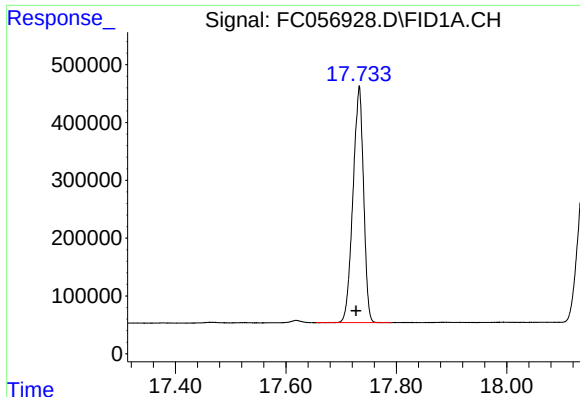
#15 n-Hexacosane (C26)

R.T.: 15.902 min
Delta R.T.: 0.004 min
Response: 5710807
Conc: 53.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.847 min
Delta R.T.: 0.004 min
Response: 5667245
Conc: 53.13 ug/ml



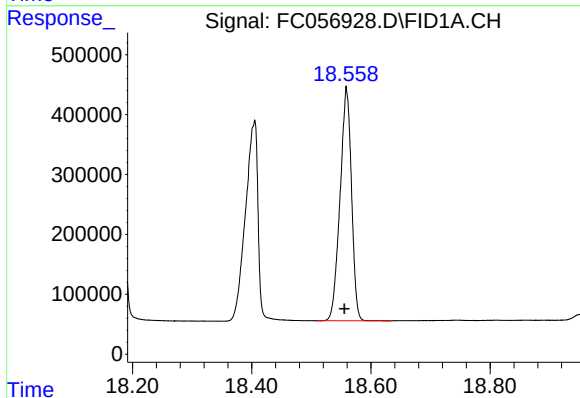
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: 0.005 min
Response: 5450370
Conc: 51.14 ug/ml

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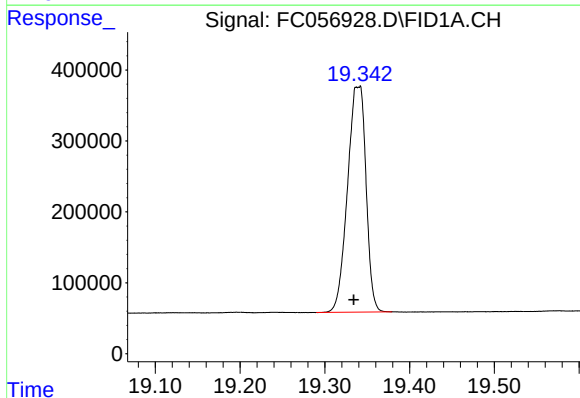
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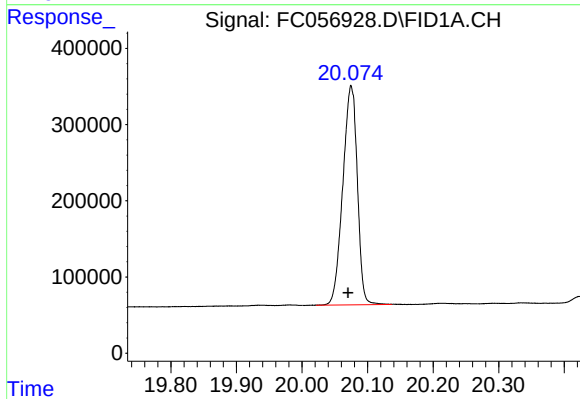
#18 n-Dotriacontane (C32)

R.T.: 18.559 min
Delta R.T.: 0.004 min
Response: 5185592
Conc: 49.16 ug/ml



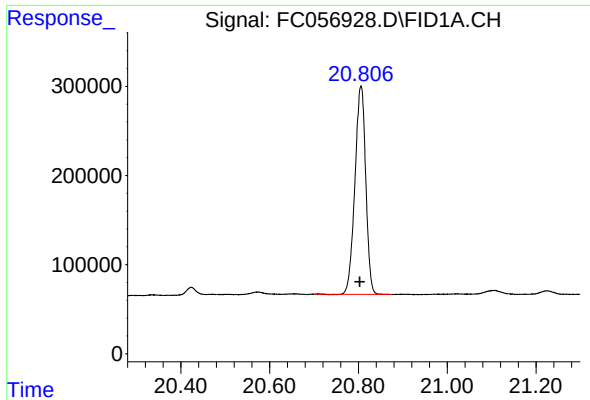
#19 n-Tetratriacontane (C34)

R.T.: 19.342 min
Delta R.T.: 0.007 min
Response: 4829146
Conc: 46.48 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.074 min
Delta R.T.: 0.004 min
Response: 4428222
Conc: 43.84 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: 0.003 min
Response: 3952990
Conc: 43.06 ug/ml

Instrument :

FID_C

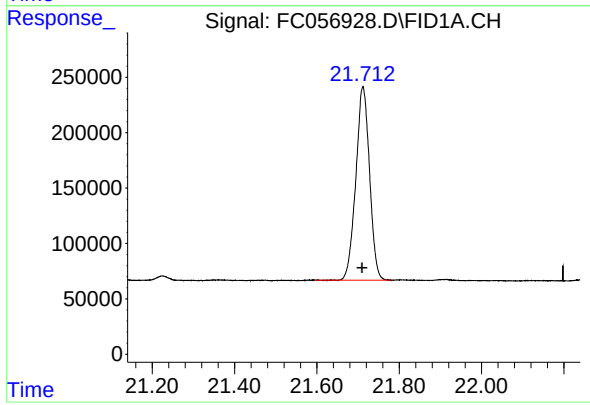
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#22 n-Tetracontane (C40)

R.T.: 21.712 min
Delta R.T.: 0.001 min
Response: 4041071
Conc: 44.86 ug/ml