

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120721AL\
 Data File : FC057280.D
 Signal(s) : FID1A.CH
 Acq On : 08 Dec 2021 2:52
 Operator : AJ\MA
 Sample : M4949-02MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 VNJ-221-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/08/2021
 Supervised By :mohammad ahmed 12/08/2021

Integration File: sample.E
 Quant Time: Dec 08 04:29:55 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)	11.583	4920936	42.405 ug/mlm
Spiked Amount 50.000		Recovery =	84.81%
12) S 1-chlorooctadecane (S...	13.015	3827841	42.047 ug/mlm
Spiked Amount 50.000		Recovery =	84.09%
Target Compounds			
1) T n-Nonane (C9)	3.350	3164678	31.231 ug/ml
2) T n-Decane (C10)	4.416	3644926	36.399 ug/ml
3) T A~Naphthalene (C11.7)	6.003	4344650	38.909 ug/ml
4) T n-Dodecane (C12)	6.432	4034161	39.788 ug/ml
5) T A~2-methylnaphthalene...	7.060	4487446	40.698 ug/ml
6) T n-Tetradecane (C14)	8.227	4389292	43.321 ug/ml
7) T n-Hexadecane (C16)	9.824	4768817	46.472 ug/ml
8) T n-Octadecane (C18)	11.265	4945901	46.164 ug/ml
10) T n-Eicosane (C20)	12.571	4839190	45.245 ug/mlm
11) T n-Heneicosane (C21)	13.182	4729602	43.674 ug/mlm
13) T n-Docosane (C22)	13.766	4673495	43.623 ug/mlm
14) T n-Tetracosane (C24)	14.866	9170742	84.714 ug/ml
15) T n-Hexacosane (C26)	15.886	4425350	41.546 ug/ml
16) T n-Octacosane (C28)	16.830	4339063	40.679 ug/mlm
17) T n-Tricontane (C30)	17.717	4254564	39.917 ug/ml
18) T n-Dotriacontane (C32)	18.544	4128539	39.141 ug/ml
19) T n-Tetratriacontane (C34)	19.324	3971895	38.233 ug/ml
20) T n-Hexatriacontane (C36)	20.057	3720083	36.830 ug/mlm
21) T n-Octatriacontane (C38)	20.788	3542519	38.591 ug/ml
22) T n-Tetracontane (C40)	21.691	3558744	39.505 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

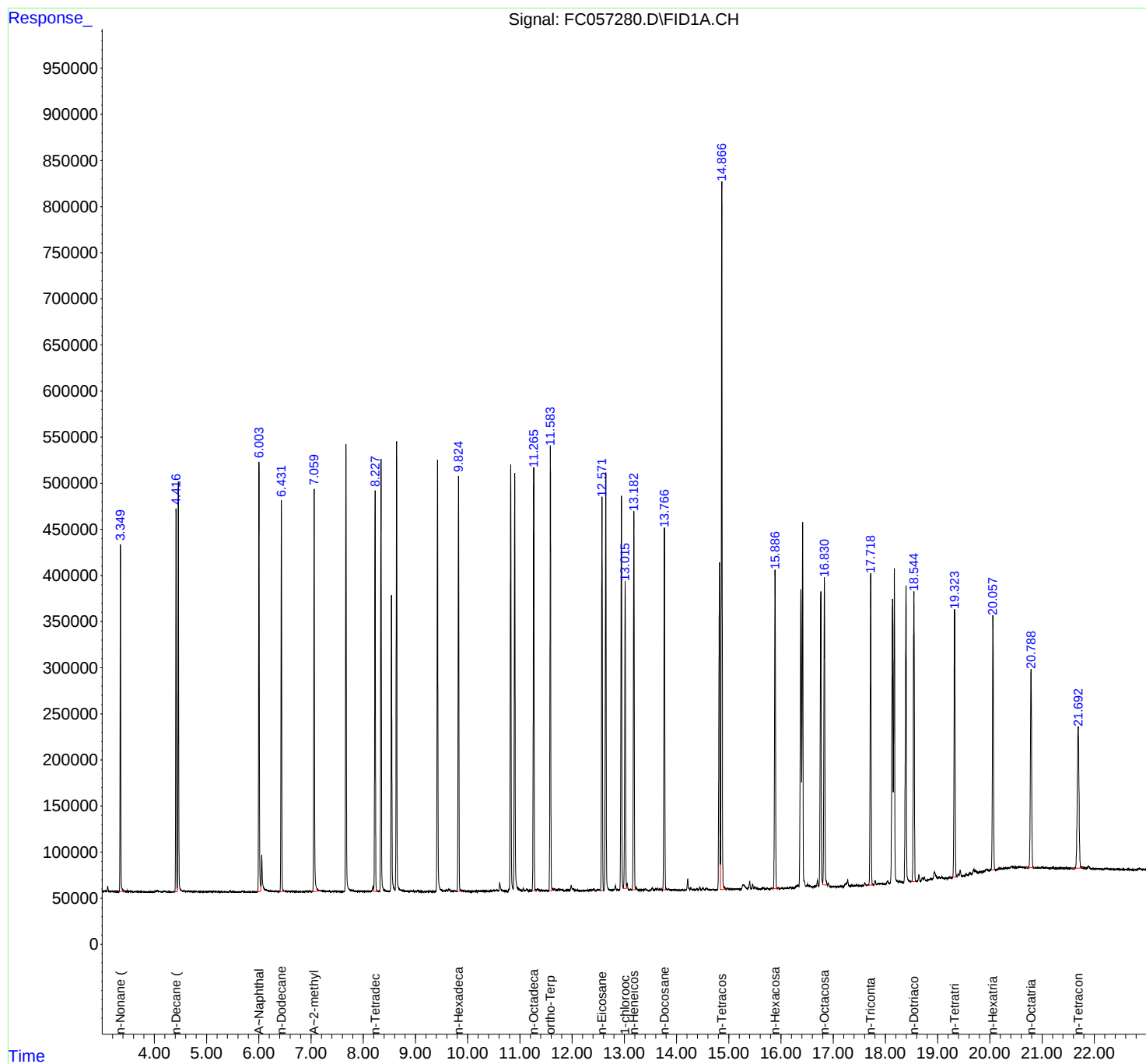
Instrument :
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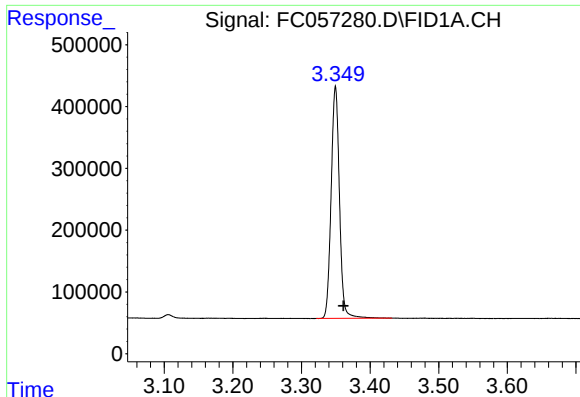
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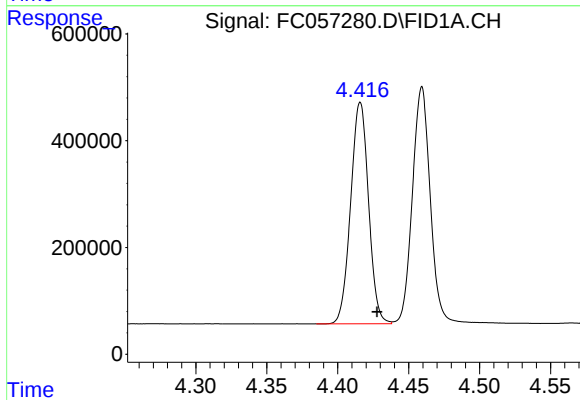
#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: -0.011 min
Response: 3164678
Conc: 31.23 ug/ml

Instrument :
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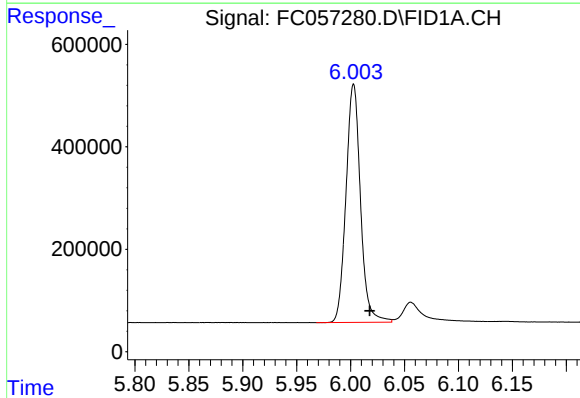
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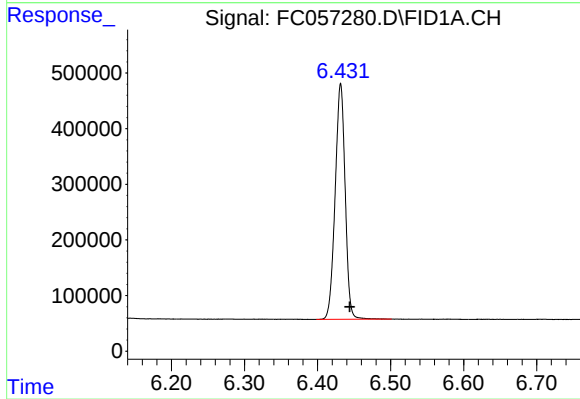
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: -0.012 min
Response: 3644926
Conc: 36.40 ug/ml



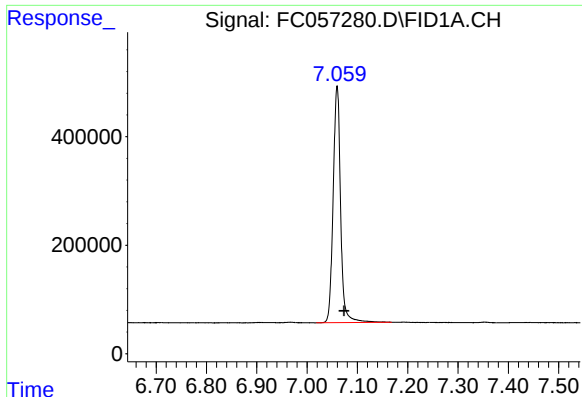
#3 A~Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: -0.015 min
Response: 4344650
Conc: 38.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.432 min
Delta R.T.: -0.013 min
Response: 4034161
Conc: 39.79 ug/ml



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

R.T.: 7.060 min
Delta R.T.: -0.014 min
Response: 4487446
Conc: 40.70 ug/ml

Instrument :

FID_C

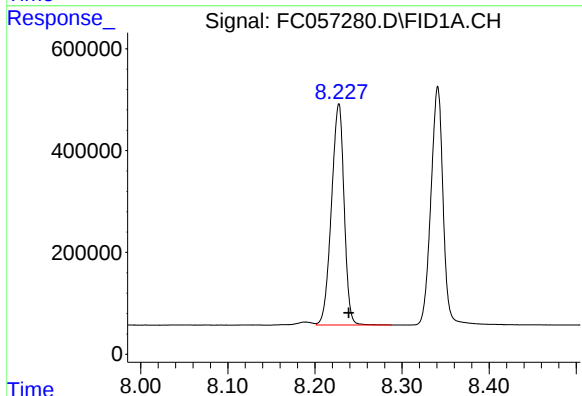
ClientSampleId :

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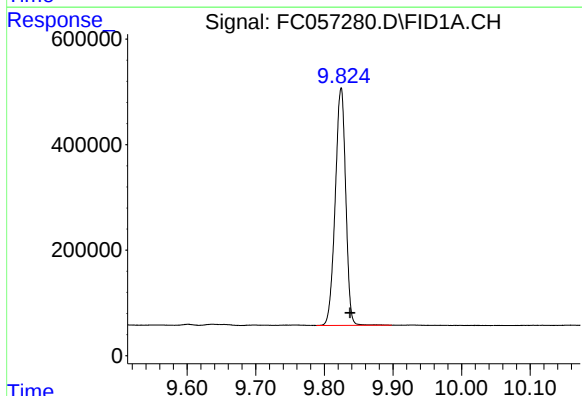
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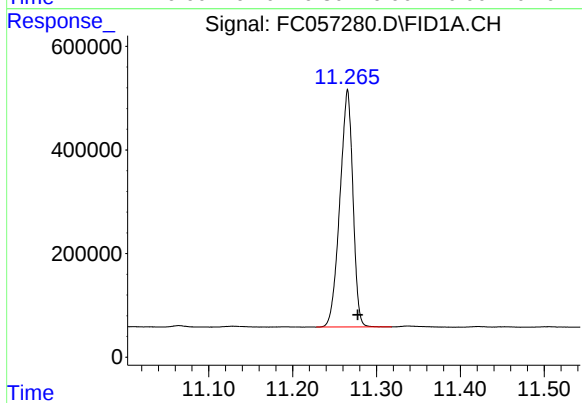
#6 n-Tetradecane (C14)

R.T.: 8.227 min
Delta R.T.: -0.012 min
Response: 4389292
Conc: 43.32 ug/ml



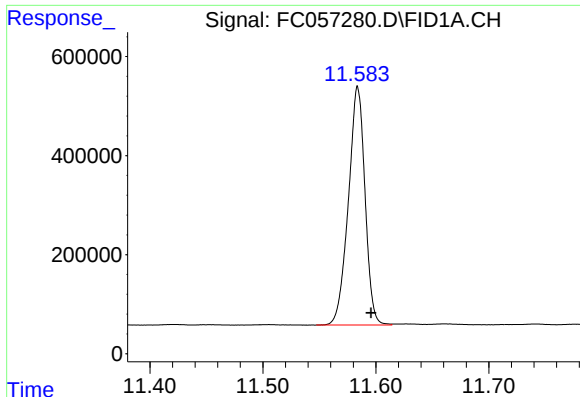
#7 n-Hexadecane (C16)

R.T.: 9.824 min
Delta R.T.: -0.013 min
Response: 4768817
Conc: 46.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.265 min
Delta R.T.: -0.013 min
Response: 4945901
Conc: 46.16 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.583 min
Delta R.T.: -0.012 min
Response: 4920936
Conc: 42.40 ug/ml

Instrument :

FID_C

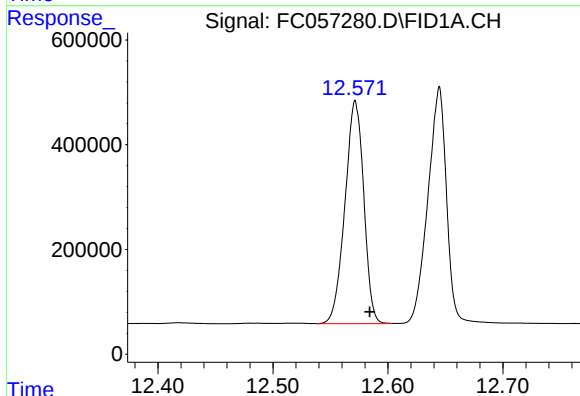
ClientSampleId :

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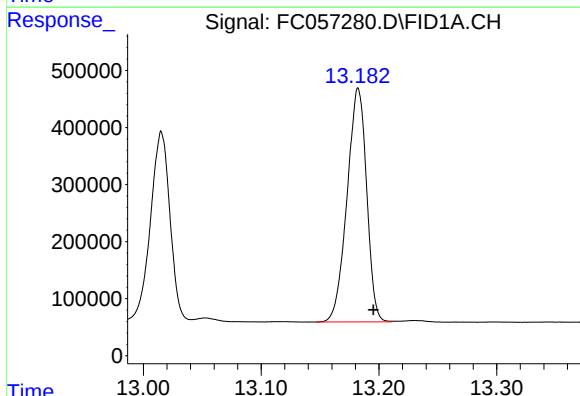
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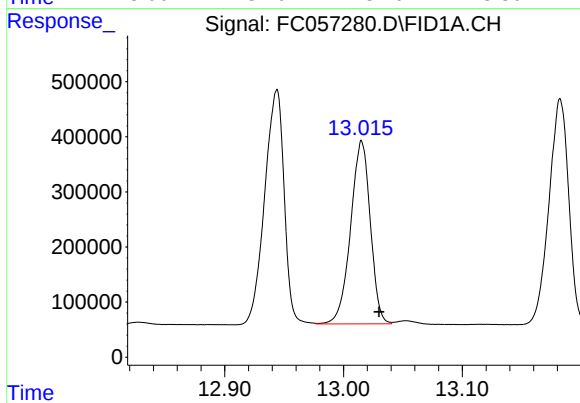
#10 n-Eicosane (C20)

R.T.: 12.571 min
Delta R.T.: -0.013 min
Response: 4839190
Conc: 45.25 ug/ml m



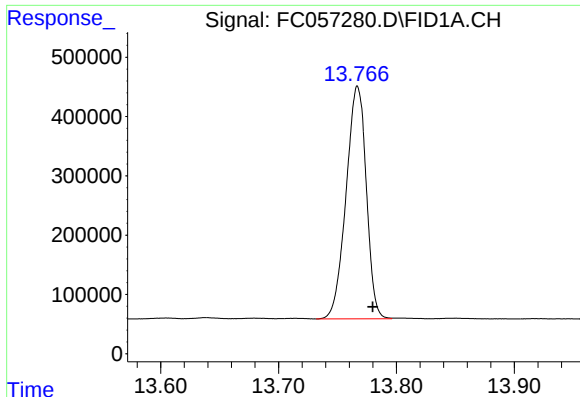
#11 n-Heneicosane (C21)

R.T.: 13.182 min
Delta R.T.: -0.013 min
Response: 4729602
Conc: 43.67 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.015 min
Delta R.T.: -0.015 min
Response: 3827841
Conc: 42.05 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.766 min
Delta R.T.: -0.014 min
Response: 4673495
Conc: 43.62 ug/ml

Instrument :

FID_C

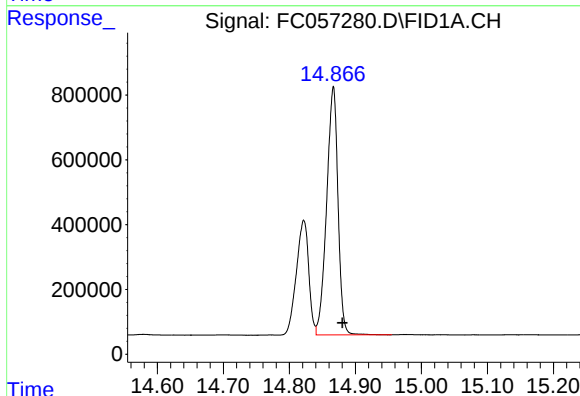
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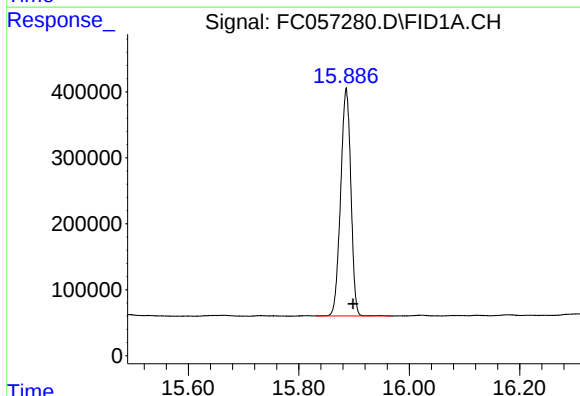
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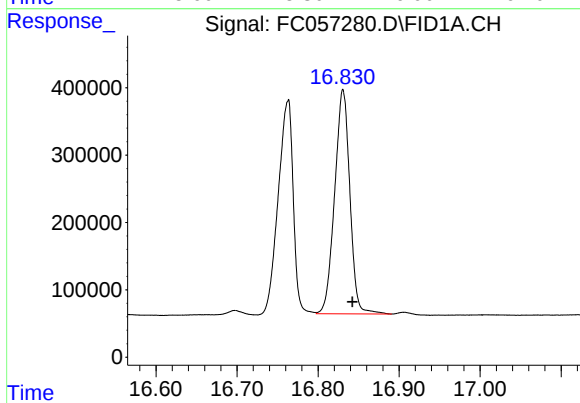
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: -0.015 min
Response: 9170742
Conc: 84.71 ug/ml



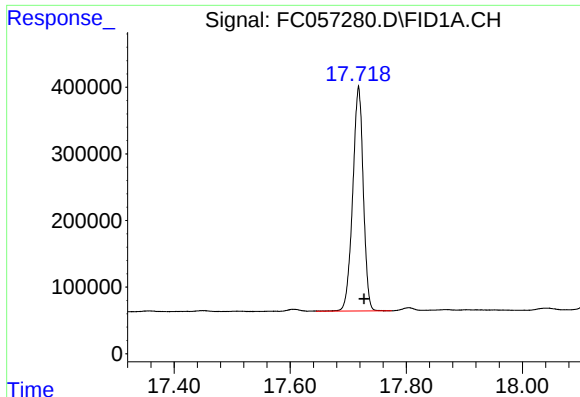
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: -0.012 min
Response: 4425350
Conc: 41.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.830 min
Delta R.T.: -0.012 min
Response: 4339063
Conc: 40.68 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.717 min
Delta R.T.: -0.010 min
Response: 4254564
Conc: 39.92 ug/ml

Instrument :

FID_C

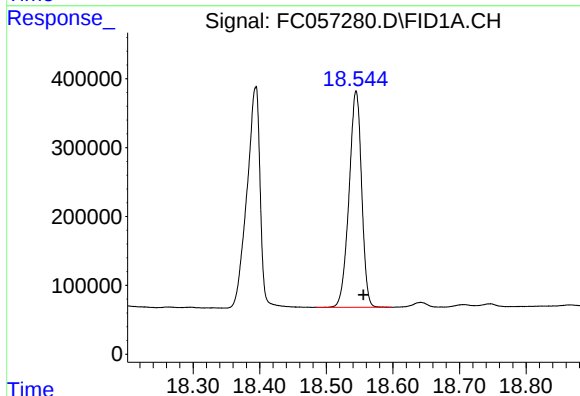
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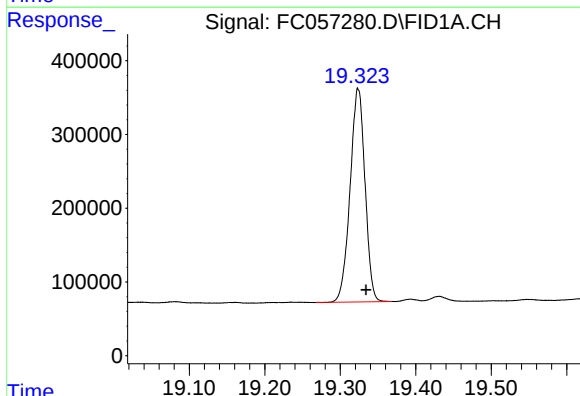
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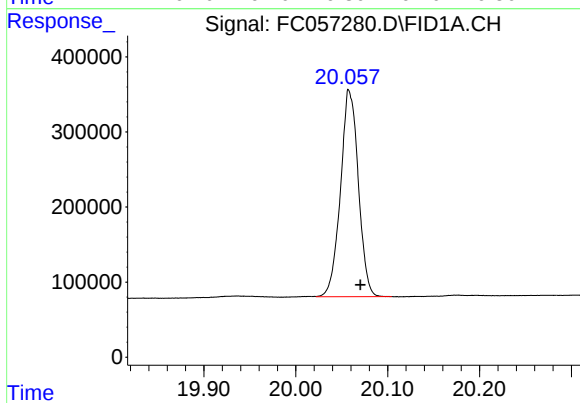
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.011 min
Response: 4128539
Conc: 39.14 ug/ml



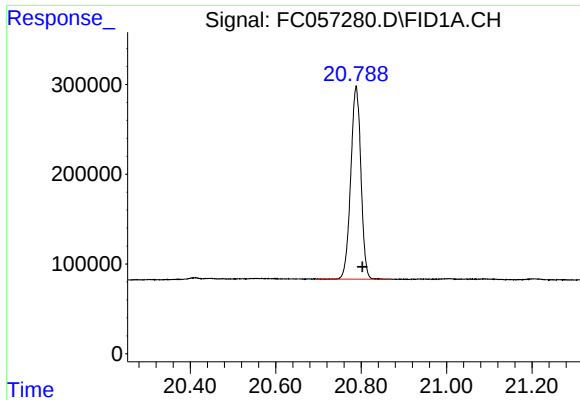
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: -0.011 min
Response: 3971895
Conc: 38.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.057 min
Delta R.T.: -0.014 min
Response: 3720083
Conc: 36.83 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.788 min
Delta R.T.: -0.015 min
Response: 3542519
Conc: 38.59 ug/ml

Instrument :

FID_C

ClientSampleId :

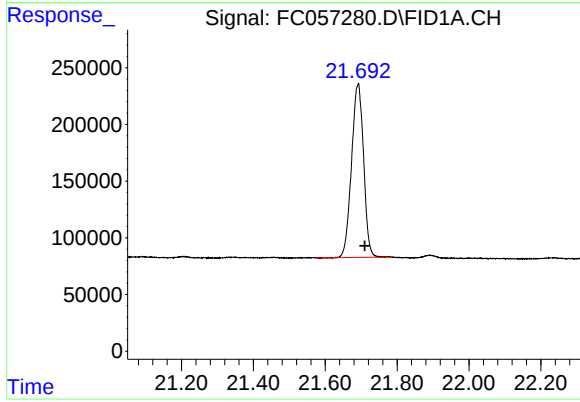
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#22 n-Tetracontane (C40)

R.T.: 21.691 min
Delta R.T.: -0.019 min
Response: 3558744
Conc: 39.50 ug/ml