

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060625AL\
 Data File : FC069126.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jun 2025 01:45
 Operator : YP/AJ
 Sample : Q2228-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP08-MHI-WCMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e
 Quant Time: Jun 07 02:44:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.680	4757903	38.574 ug/ml
Spiked Amount 50.000		Recovery =	77.15%
12) S 1-chlorooctadecane (S...	13.116	4007446	44.669 ug/ml
Spiked Amount 50.000		Recovery =	89.34%
Target Compounds			
1) T n-Nonane (C9)	3.405	4193252	39.513 ug/ml
2) T n-Decane (C10)	4.480	4962464	46.857 ug/mlm
3) T A~Naphthalene (C11.7)	6.075	6167224	53.333 ug/ml
4) T n-Dodecane (C12)	6.507	5465836	51.995 ug/ml
5) T A~2-methylnaphthalene...	7.135	5887459	51.931 ug/ml
6) T n-Tetradecane (C14)	8.309	5598578	54.618 ug/ml
7) T n-Hexadecane (C16)	9.912	5737207	56.542 ug/ml
8) T n-Octadecane (C18)	11.359	5671435	56.746 ug/ml
10) T n-Eicosane (C20)	12.672	5852440	60.088 ug/ml
11) T n-Heneicosane (C21)	13.284	5617167	58.358 ug/ml
13) T n-Docosane (C22)	13.871	5575050	58.519 ug/ml
14) T n-Tetracosane (C24)	14.970	12011042	127.570 ug/ml
15) T n-Hexacosane (C26)	16.003	5542699	59.701 ug/ml
16) T n-Octacosane (C28)	16.952	5530653	59.500 ug/ml
17) T n-Tricontane (C30)	17.845	5546556	57.324 ug/ml
18) T n-Dotriacontane (C32)	18.677	5616992	56.681 ug/ml
19) T n-Tetratriacontane (C34)	19.462	5847854	60.675 ug/ml
20) T n-Hexatriacontane (C36)	20.205	5751306	60.585 ug/ml
21) T n-Octatriacontane (C38)	20.975	5846726	64.084 ug/ml
22) T n-Tetracontane (C40)	21.952	5651827	64.054 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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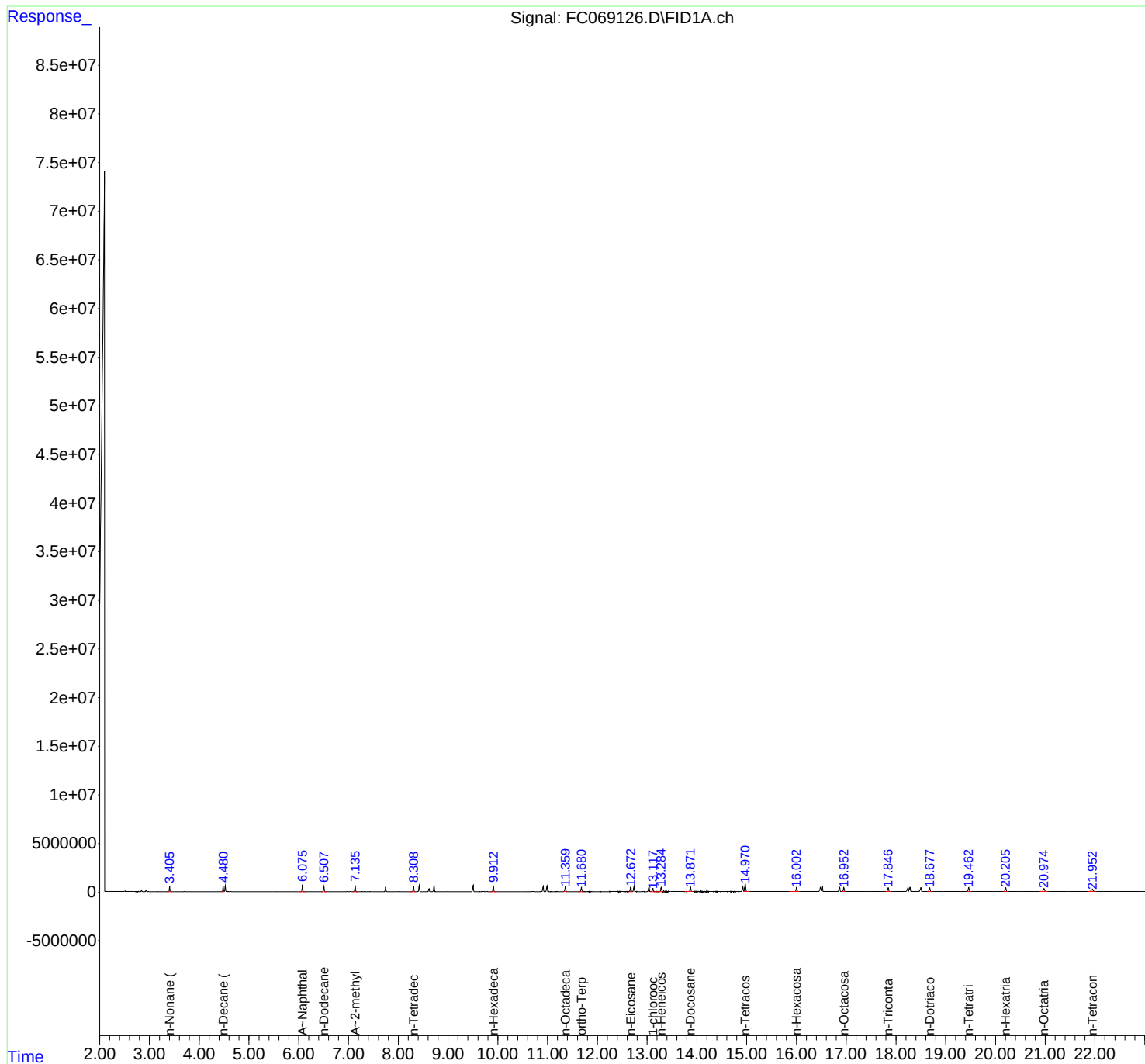
Response via : Initial Calibration

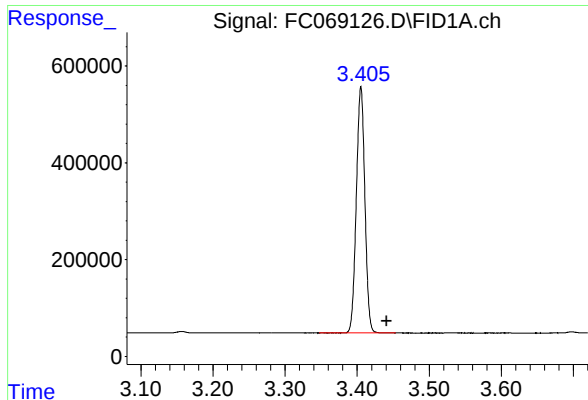
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: -0.036 min
Response: 4193252
Conc: 39.51 ug/ml

Instrument :

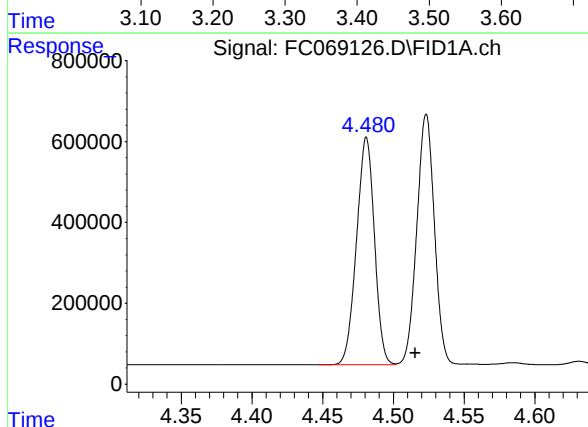
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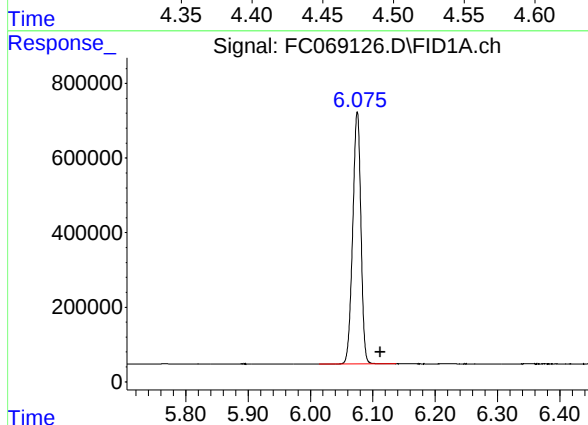
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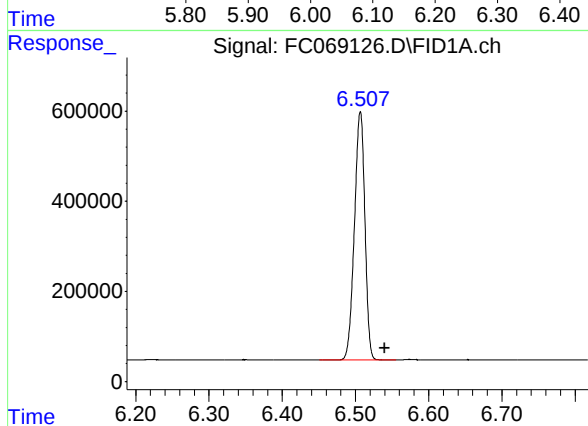
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.035 min
Response: 4962464
Conc: 46.86 ug/ml m



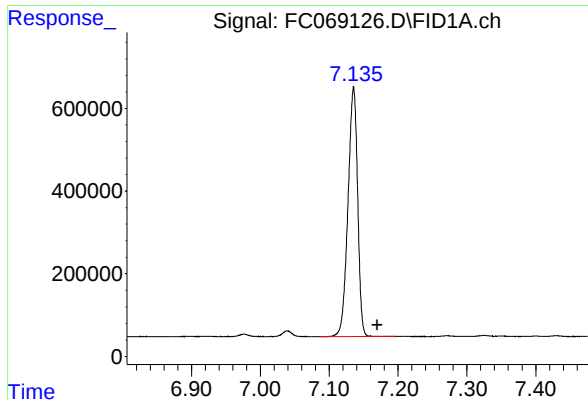
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.037 min
Response: 6167224
Conc: 53.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.033 min
Response: 5465836
Conc: 52.00 ug/ml



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

R.T.: 7.135 min
Delta R.T.: -0.035 min
Response: 5887459
Conc: 51.93 ug/ml

Instrument :

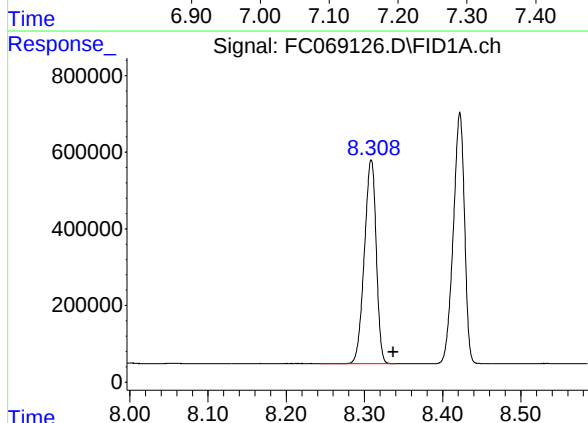
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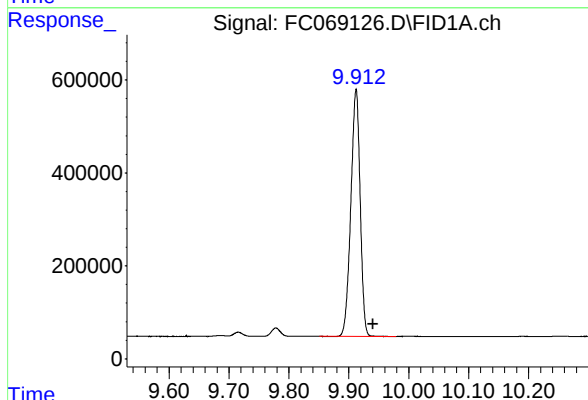
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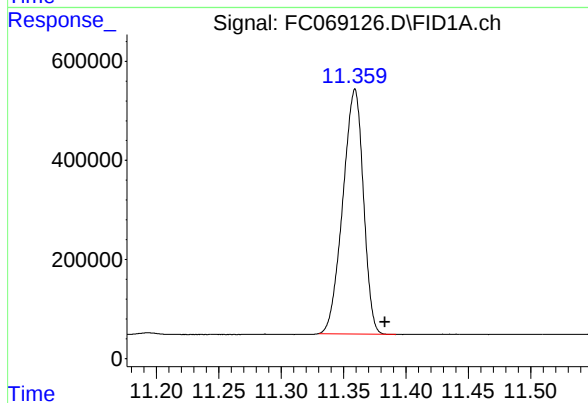
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: -0.029 min
Response: 5598578
Conc: 54.62 ug/ml



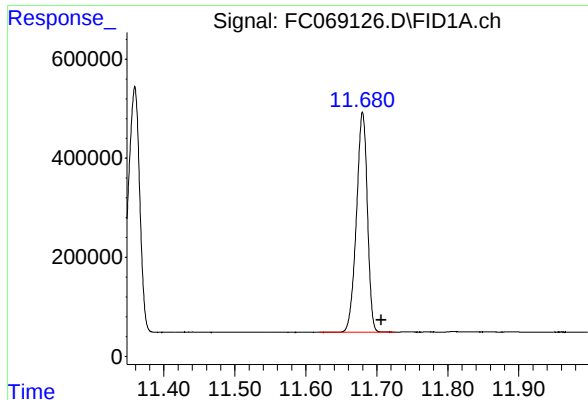
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.028 min
Response: 5737207
Conc: 56.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: -0.024 min
Response: 5671435
Conc: 56.75 ug/ml



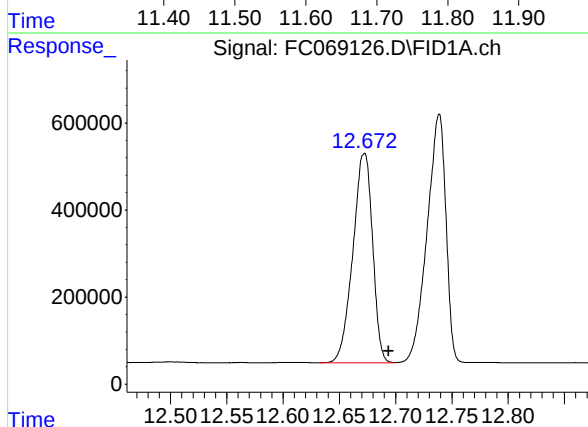
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: -0.027 min
Response: 4757903
Conc: 38.57 ug/ml

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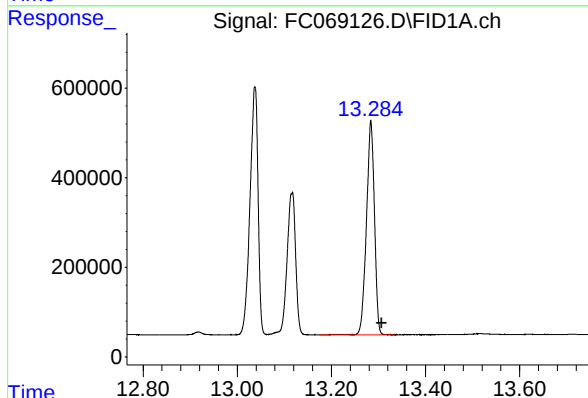
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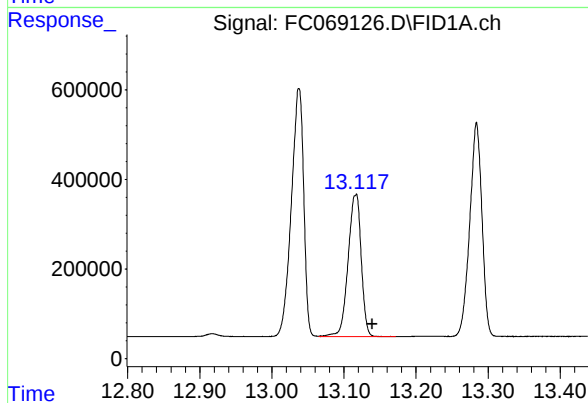
#10 n-Eicosane (C20)

R.T.: 12.672 min
Delta R.T.: -0.022 min
Response: 5852440
Conc: 60.09 ug/ml



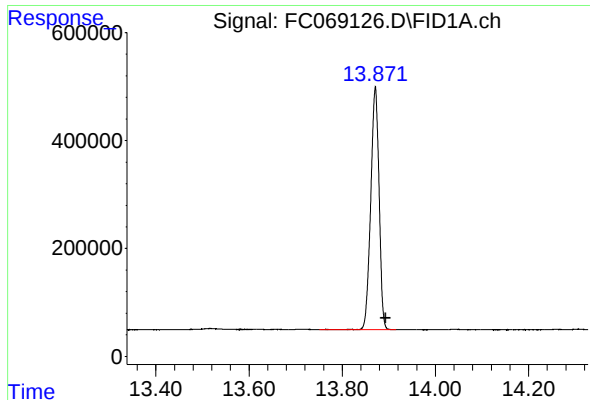
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: -0.023 min
Response: 5617167
Conc: 58.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: -0.023 min
Response: 4007446
Conc: 44.67 ug/ml



#13 n-Docosane (C22)

R.T.: 13.871 min
Delta R.T.: -0.022 min
Response: 5575050
Conc: 58.52 ug/ml

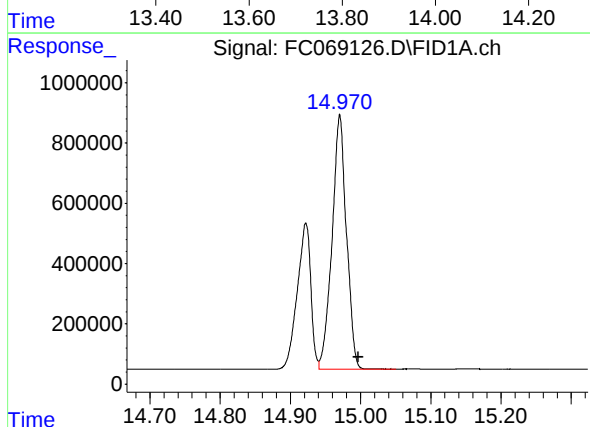
Instrument :

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ClientSampleId :
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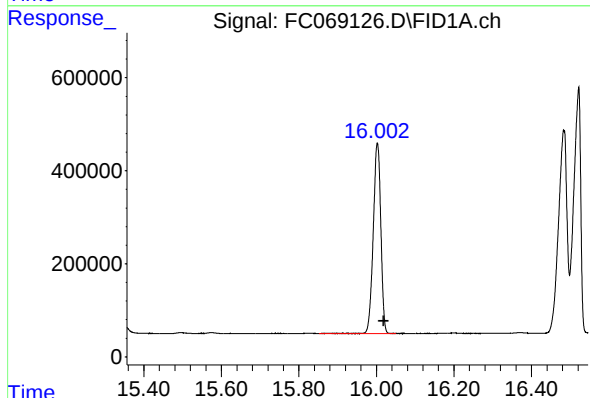
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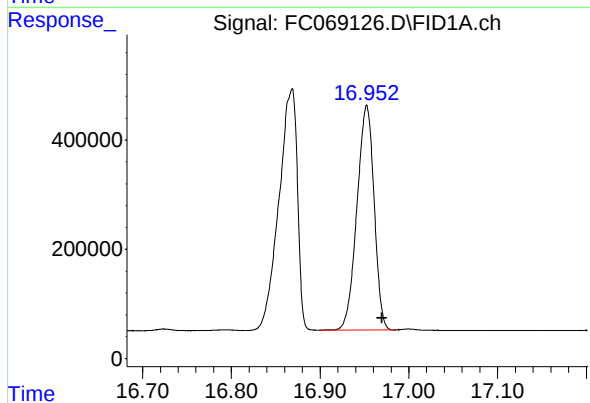
#14 n-Tetracosane (C24)

R.T.: 14.970 min
Delta R.T.: -0.027 min
Response: 12011042
Conc: 127.57 ug/ml



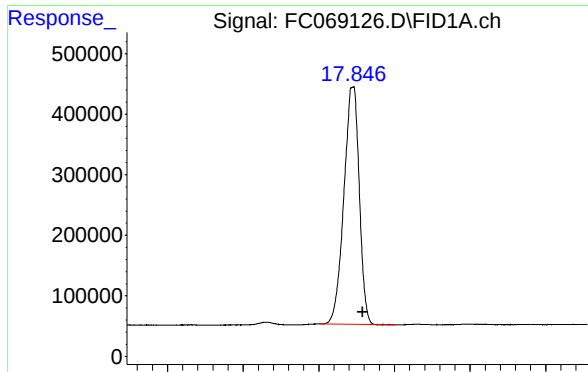
#15 n-Hexacosane (C26)

R.T.: 16.003 min
Delta R.T.: -0.016 min
Response: 5542699
Conc: 59.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.952 min
Delta R.T.: -0.017 min
Response: 5530653
Conc: 59.50 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.845 min
Delta R.T.: -0.013 min
Response: 5546556
Conc: 57.32 ug/ml

Instrument :

FID_C

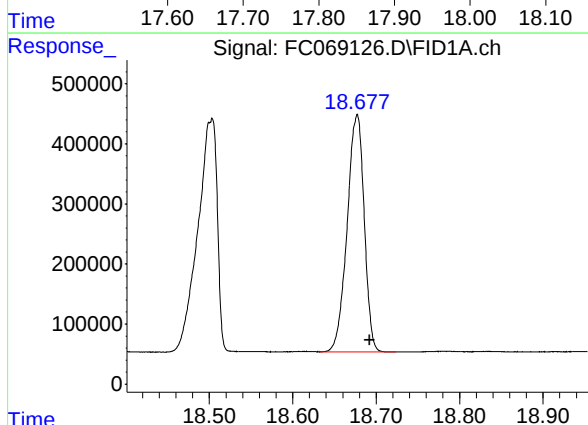
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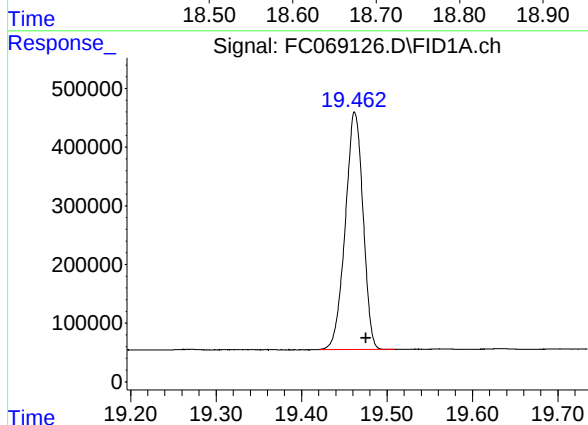
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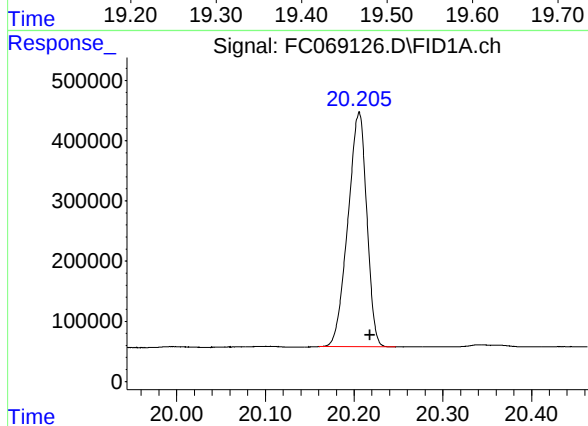
#18 n-Dotriacontane (C32)

R.T.: 18.677 min
Delta R.T.: -0.015 min
Response: 5616992
Conc: 56.68 ug/ml



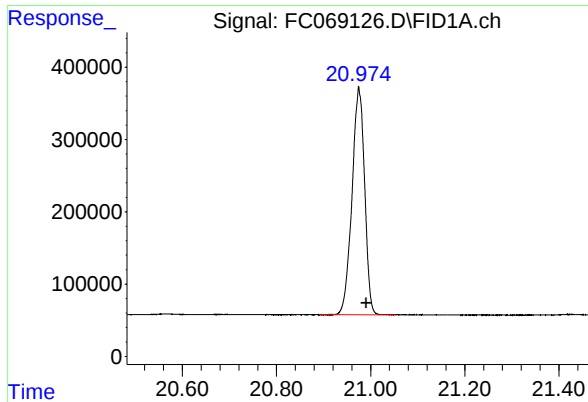
#19 n-Tetratriacontane (C34)

R.T.: 19.462 min
Delta R.T.: -0.013 min
Response: 5847854
Conc: 60.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.205 min
Delta R.T.: -0.013 min
Response: 5751306
Conc: 60.58 ug/ml



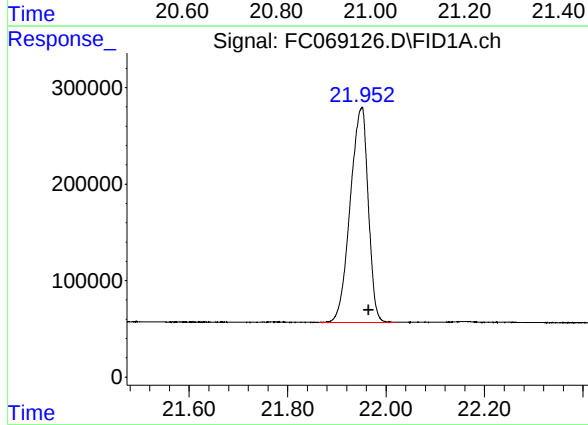
#21 n-Octatriacontane (C38)

R.T.: 20.975 min
Delta R.T.: -0.016 min
Response: 5846726
Conc: 64.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: -0.013 min
Response: 5651827
Conc: 64.05 ug/ml m