

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060925AL\
 Data File : FC069147.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jun 2025 02:19
 Operator : YP/AJ
 Sample : Q2265-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

TP11-MHL-WCMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File: autoint1.e

Quant Time: Jun 10 05:27:30 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	3387303	27.462 ug/ml
Spiked Amount 50.000		Recovery =	54.92%
12) S 1-chlorooctadecane (S...	13.116	2621228	29.218 ug/ml
Spiked Amount 50.000		Recovery =	58.44%
Target Compounds			
1) T n-Nonane (C9)	3.405	3664934	34.535 ug/ml
2) T n-Decane (C10)	4.481	4069942	38.429 ug/mlm
3) T A~Naphthalene (C11.7)	6.076	4944229	42.757 ug/ml
4) T n-Dodecane (C12)	6.507	4304558	40.948 ug/ml
5) T A~2-methylnaphthalene...	7.136	4716508	41.603 ug/ml
6) T n-Tetradecane (C14)	8.310	4504966	43.949 ug/ml
7) T n-Hexadecane (C16)	9.913	4769743	47.008 ug/ml
8) T n-Octadecane (C18)	11.359	4714779	47.174 ug/ml
10) T n-Eicosane (C20)	12.672	4840690	49.700 ug/ml
11) T n-Heneicosane (C21)	13.284	4651284	48.324 ug/ml
13) T n-Docosane (C22)	13.872	4629752	48.597 ug/ml
14) T n-Tetracosane (C24)	14.969	10256252	108.932 ug/ml
15) T n-Hexacosane (C26)	16.003	4647020	50.053 ug/ml
16) T n-Octacosane (C28)	16.952	4711077	50.683 ug/ml
17) T n-Tricontane (C30)	17.844	4731219	48.898 ug/ml
18) T n-Dotriacontane (C32)	18.677	4807414	48.512 ug/ml
19) T n-Tetratriacontane (C34)	19.463	4998182	51.859 ug/ml
20) T n-Hexatriacontane (C36)	20.205	4887133	51.482 ug/ml
21) T n-Octatriacontane (C38)	20.976	4872607	53.407 ug/ml
22) T n-Tetracontane (C40)	21.947	4559668	51.676 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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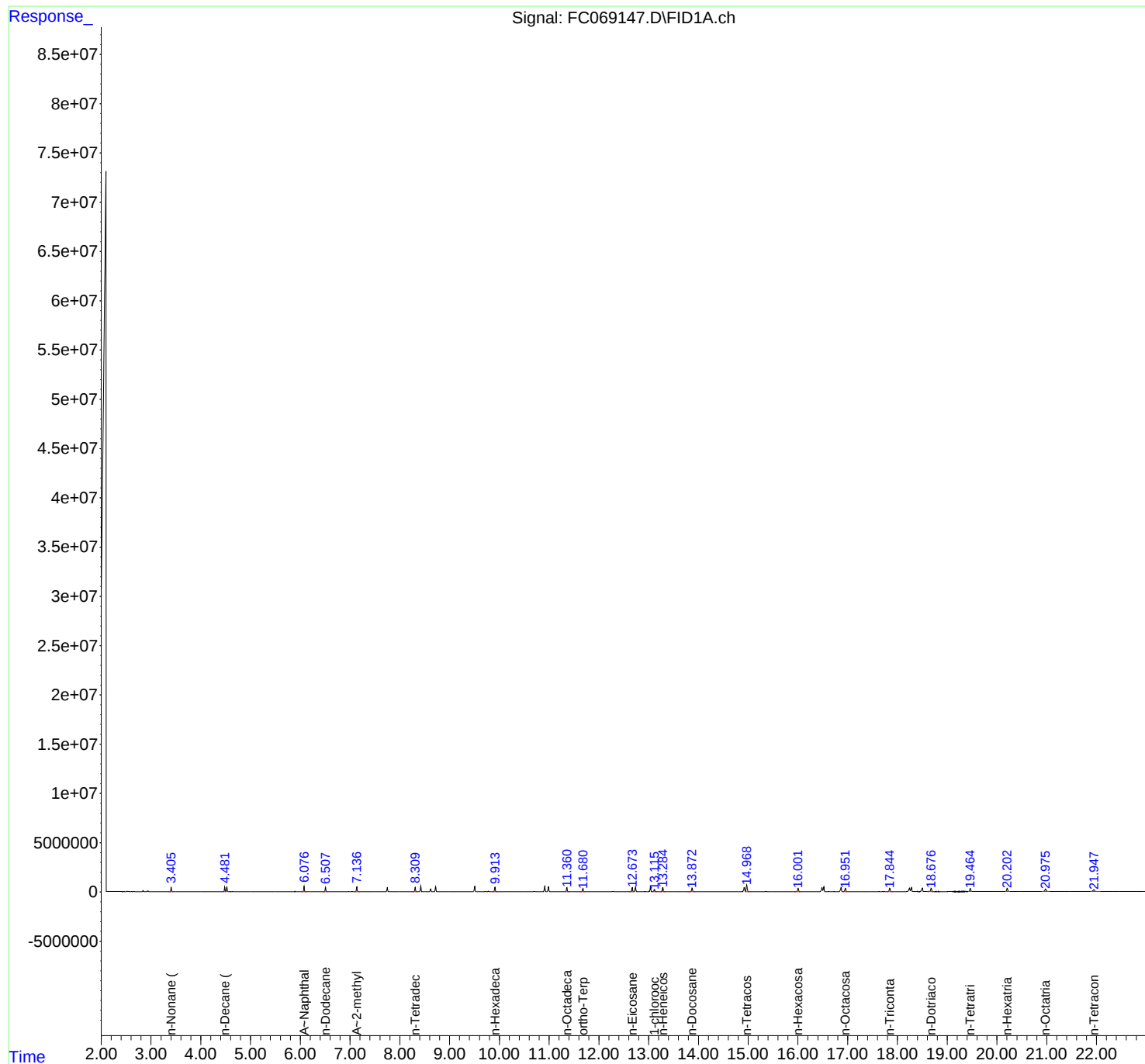
Response via : Initial Calibration

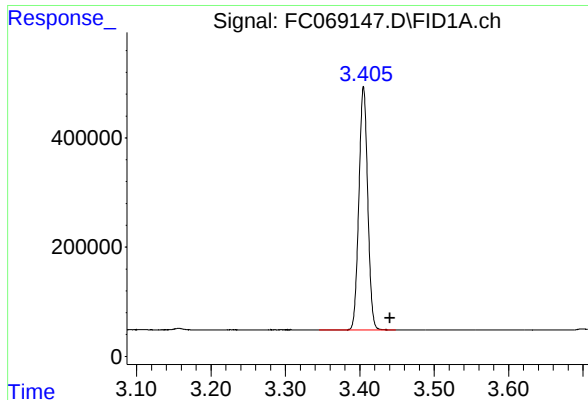
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





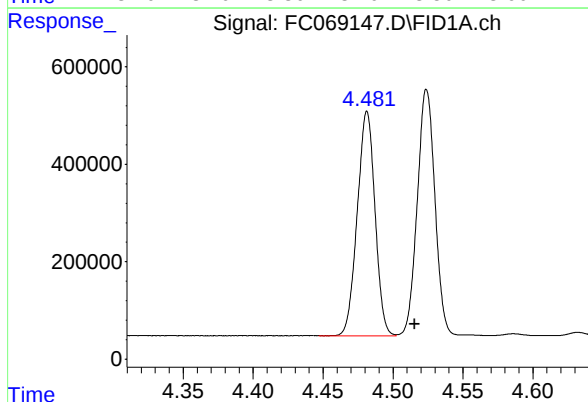
#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: -0.036 min
Response: 3664934
Conc: 34.53 ug/ml

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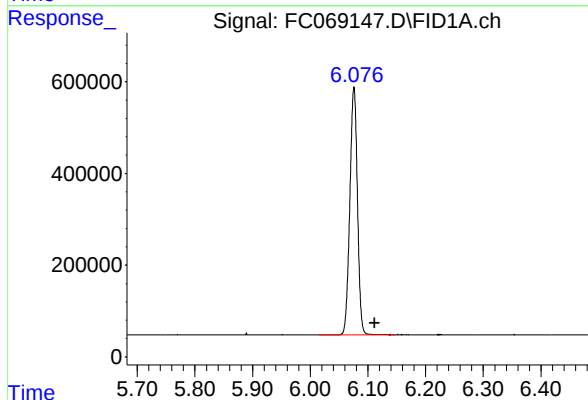
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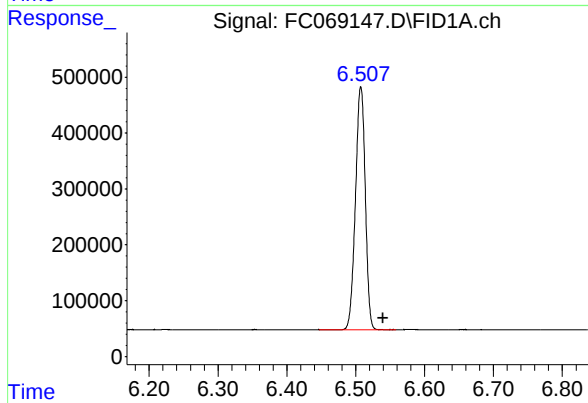
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.034 min
Response: 4069942
Conc: 38.43 ug/ml



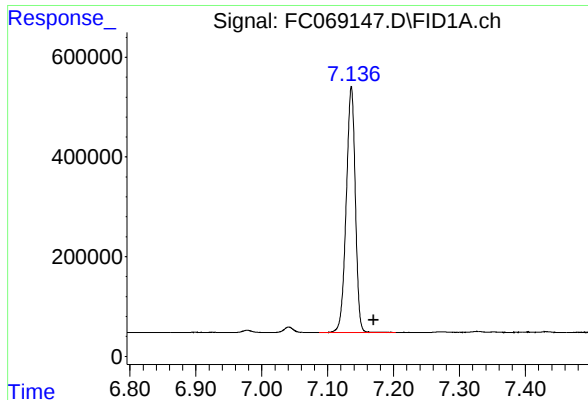
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: -0.036 min
Response: 4944229
Conc: 42.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.032 min
Response: 4304558
Conc: 40.95 ug/ml



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

R.T.: 7.136 min
Delta R.T.: -0.034 min
Response: 4716508
Conc: 41.60 ug/ml

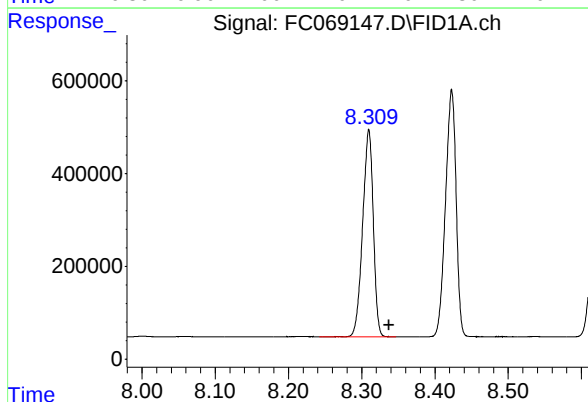
Instrument :

FID_C

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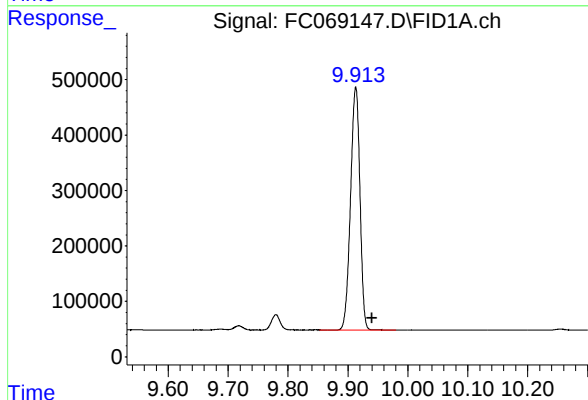
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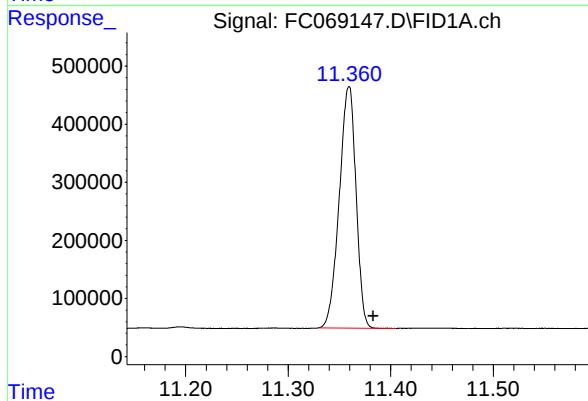
#6 n-Tetradecane (C14)

R.T.: 8.310 min
Delta R.T.: -0.028 min
Response: 4504966
Conc: 43.95 ug/ml



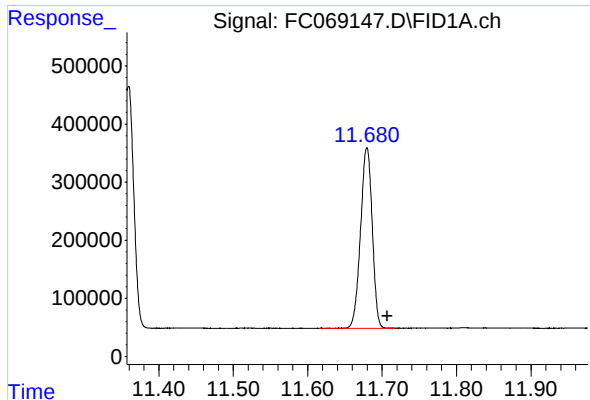
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: -0.027 min
Response: 4769743
Conc: 47.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: -0.024 min
Response: 4714779
Conc: 47.17 ug/ml



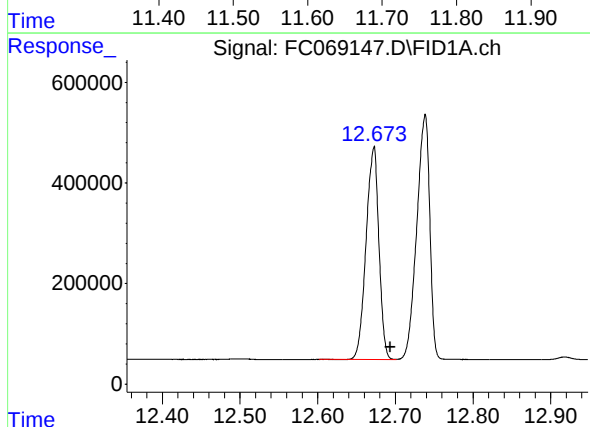
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: -0.027 min
Response: 3387303
Conc: 27.46 ug/ml

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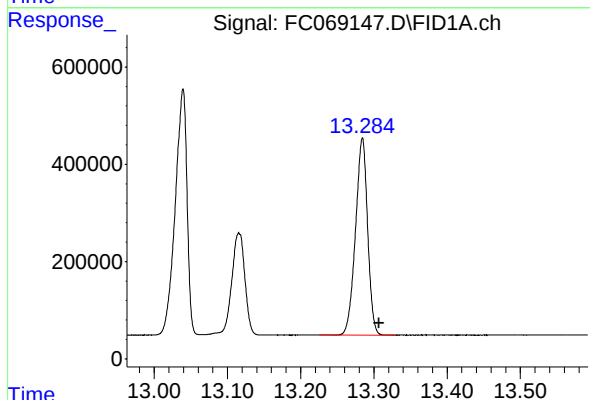
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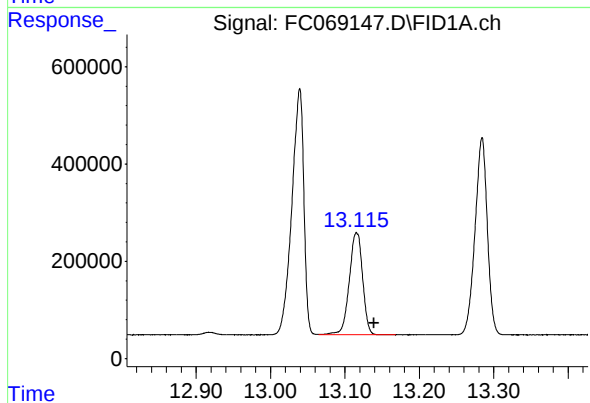
#10 n-Eicosane (C20)

R.T.: 12.672 min
Delta R.T.: -0.022 min
Response: 4840690
Conc: 49.70 ug/ml



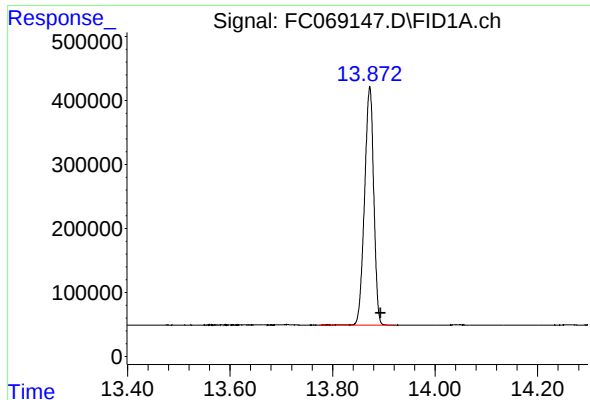
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: -0.023 min
Response: 4651284
Conc: 48.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: -0.024 min
Response: 2621228
Conc: 29.22 ug/ml



#13 n-Docosane (C22)

R.T.: 13.872 min
Delta R.T.: -0.021 min
Response: 4629752
Conc: 48.60 ug/ml

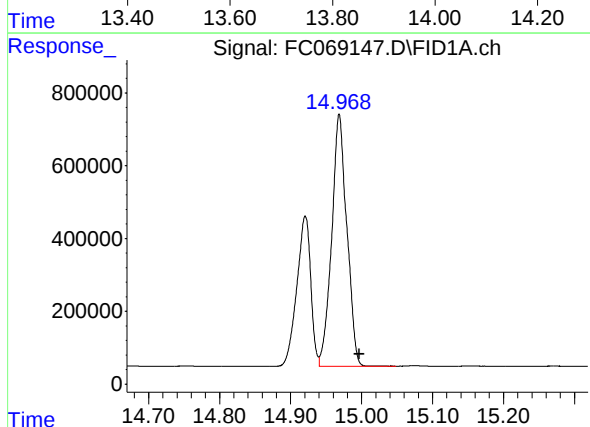
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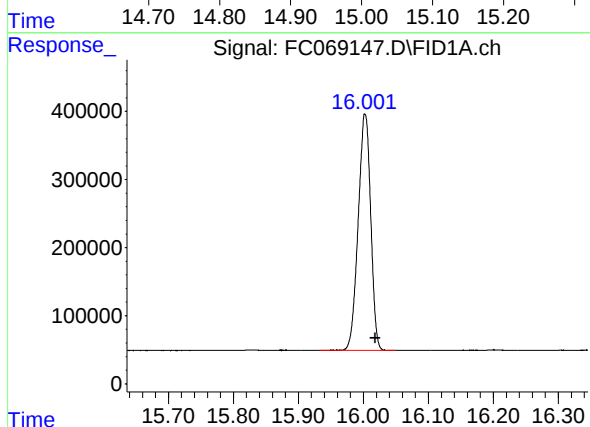
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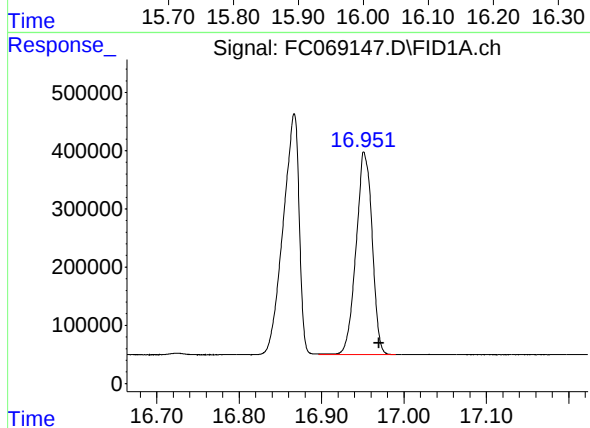
#14 n-Tetracosane (C24)

R.T.: 14.969 min
Delta R.T.: -0.028 min
Response: 10256252
Conc: 108.93 ug/ml



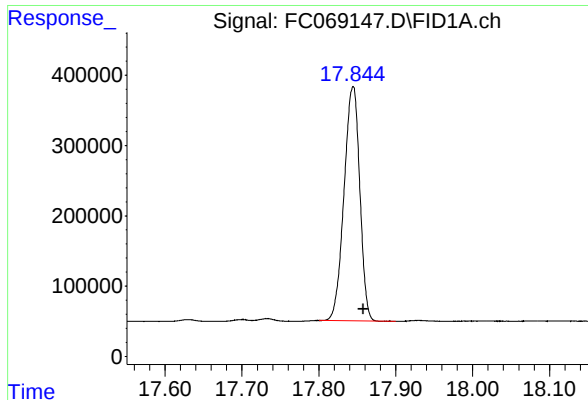
#15 n-Hexacosane (C26)

R.T.: 16.003 min
Delta R.T.: -0.016 min
Response: 4647020
Conc: 50.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.952 min
Delta R.T.: -0.017 min
Response: 4711077
Conc: 50.68 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.844 min
Delta R.T.: -0.014 min
Response: 4731219
Conc: 48.90 ug/ml

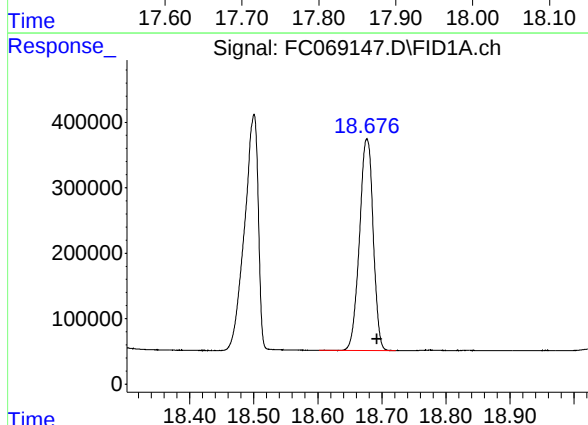
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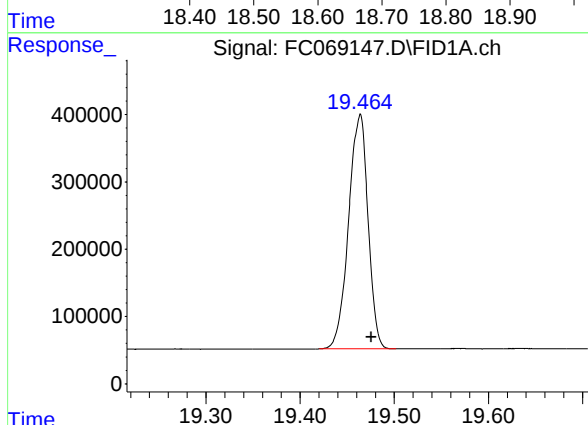
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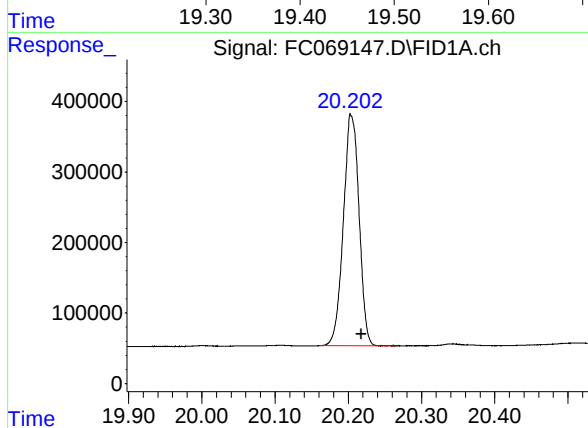
#18 n-Dotriacontane (C32)

R.T.: 18.677 min
Delta R.T.: -0.015 min
Response: 4807414
Conc: 48.51 ug/ml



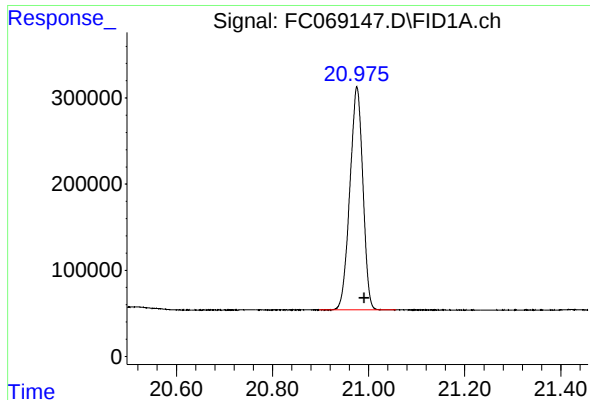
#19 n-Tetratriacontane (C34)

R.T.: 19.463 min
Delta R.T.: -0.012 min
Response: 4998182
Conc: 51.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.205 min
Delta R.T.: -0.013 min
Response: 4887133
Conc: 51.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.976 min
Delta R.T.: -0.015 min
Response: 4872607
Conc: 53.41 ug/ml

Instrument :

FID_C

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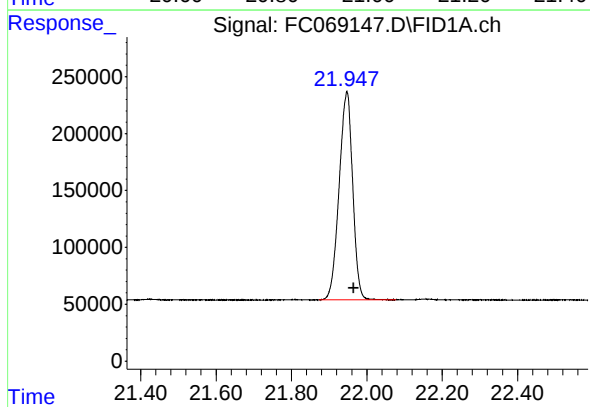
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#22 n-Tetracontane (C40)

R.T.: 21.947 min
Delta R.T.: -0.018 min
Response: 4559668
Conc: 51.68 ug/ml m