

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060625AL\
 Data File : FC069127.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jun 2025 02:28
 Operator : YP/AJ
 Sample : Q2228-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

TP08-MHI-WCMSD

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 02:59:10 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	4335969	35.153 ug/ml
Spiked Amount 50.000		Recovery =	70.31%
12) S 1-chlorooctadecane (S...	13.115	3668537	40.891 ug/ml
Spiked Amount 50.000		Recovery =	81.78%
Target Compounds			
1) T n-Nonane (C9)	3.405	3874151	36.506 ug/ml
2) T n-Decane (C10)	4.480	4565503	43.109 ug/mlm
3) T A~Naphthalene (C11.7)	6.075	5658591	48.935 ug/ml
4) T n-Dodecane (C12)	6.506	5043504	47.978 ug/ml
5) T A~2-methylnaphthalene...	7.135	5407770	47.700 ug/ml
6) T n-Tetradecane (C14)	8.308	5171427	50.451 ug/ml
7) T n-Hexadecane (C16)	9.912	5303985	52.273 ug/ml
8) T n-Octadecane (C18)	11.357	5278440	52.814 ug/mlm
10) T n-Eicosane (C20)	12.670	5397466	55.417 ug/ml
11) T n-Heneicosane (C21)	13.284	5160540	53.614 ug/ml
13) T n-Docosane (C22)	13.871	5115569	53.696 ug/ml
14) T n-Tetracosane (C24)	14.968	10908643	115.861 ug/ml
15) T n-Hexacosane (C26)	16.002	5028636	54.164 ug/ml
16) T n-Octacosane (C28)	16.952	4997497	53.764 ug/ml
17) T n-Tricontane (C30)	17.844	5008289	51.761 ug/ml
18) T n-Dotriacontane (C32)	18.677	5054710	51.007 ug/ml
19) T n-Tetratriacontane (C34)	19.463	5267998	54.659 ug/ml
20) T n-Hexatriacontane (C36)	20.206	5181142	54.579 ug/ml
21) T n-Octatriacontane (C38)	20.977	5299039	58.081 ug/ml
22) T n-Tetracontane (C40)	21.949	5181378	58.723 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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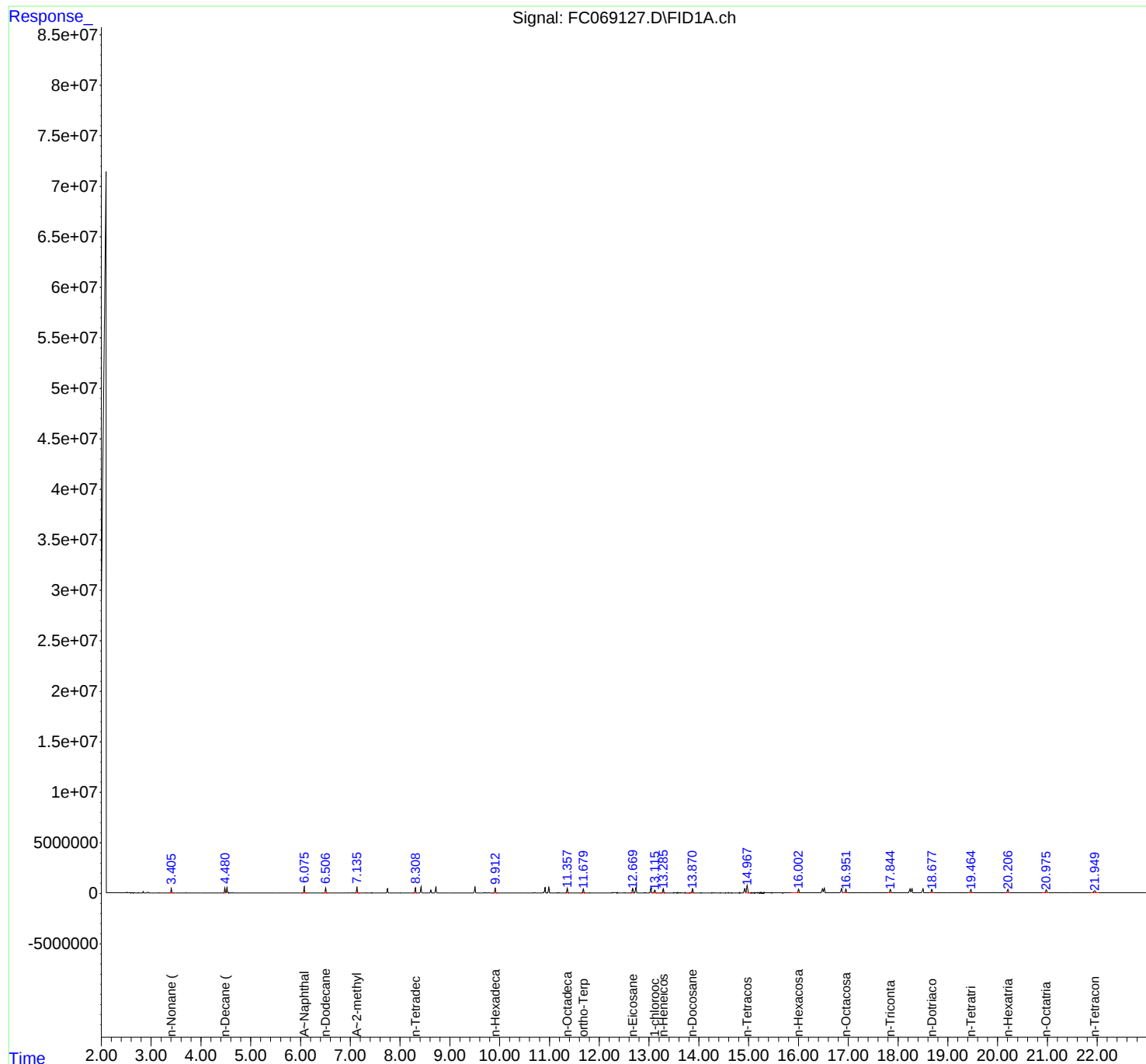
Response via : Initial Calibration

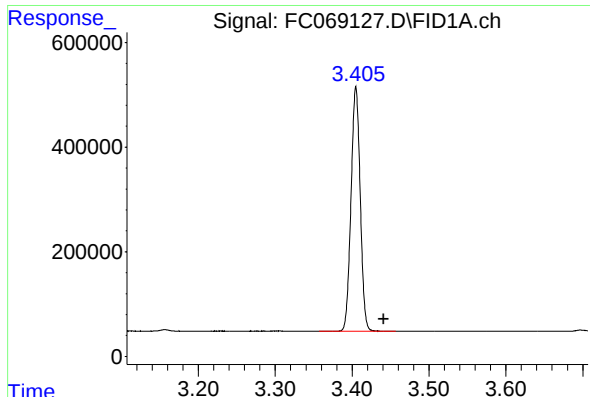
Integrator: ChemStation

Volume Inj. : 1 ul

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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: 3874151
Conc: 36.51 ug/ml

Instrument :

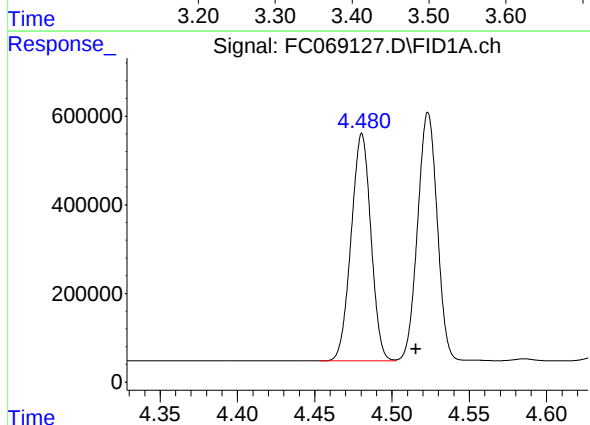
FID_C

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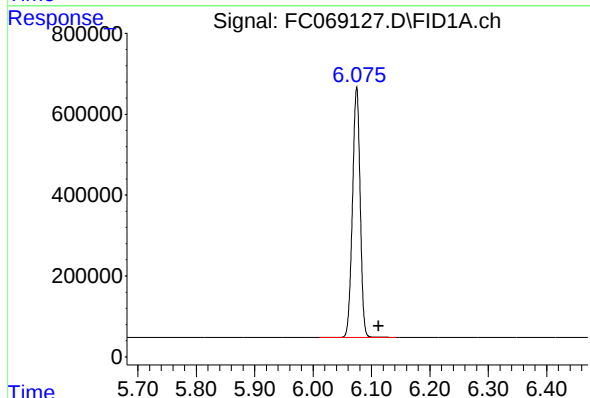
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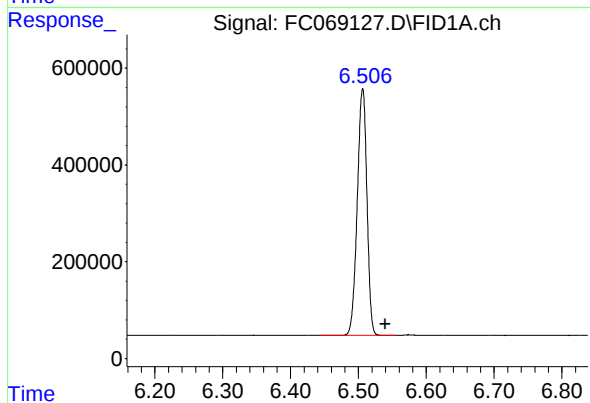
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.035 min
Response: 4565503
Conc: 43.11 ug/ml m



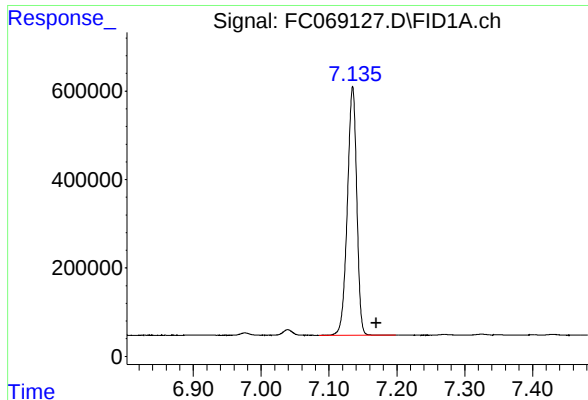
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.037 min
Response: 5658591
Conc: 48.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: -0.034 min
Response: 5043504
Conc: 47.98 ug/ml



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

R.T.: 7.135 min
Delta R.T.: -0.035 min
Response: 5407770
Conc: 47.70 ug/ml

Instrument :

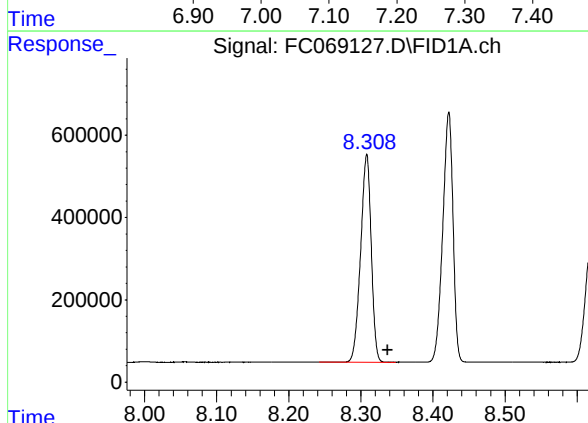
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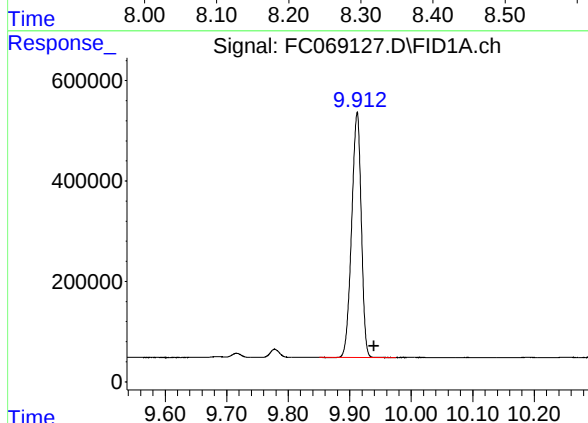
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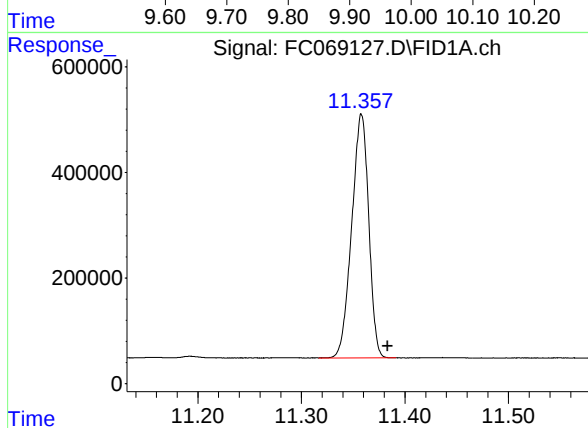
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: -0.029 min
Response: 5171427
Conc: 50.45 ug/ml



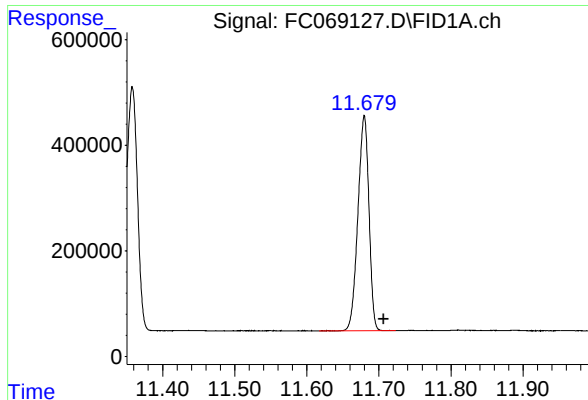
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.028 min
Response: 5303985
Conc: 52.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.026 min
Response: 5278440
Conc: 52.81 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: -0.027 min
Response: 4335969
Conc: 35.15 ug/ml

Instrument :

FID_C

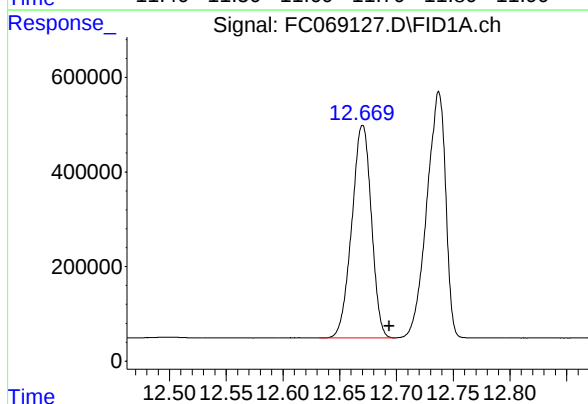
ClientSampleId :

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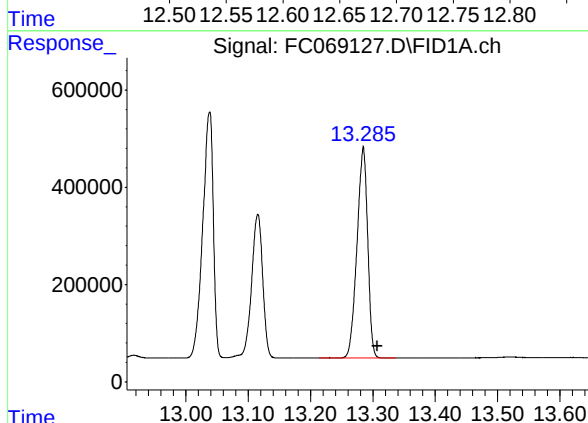
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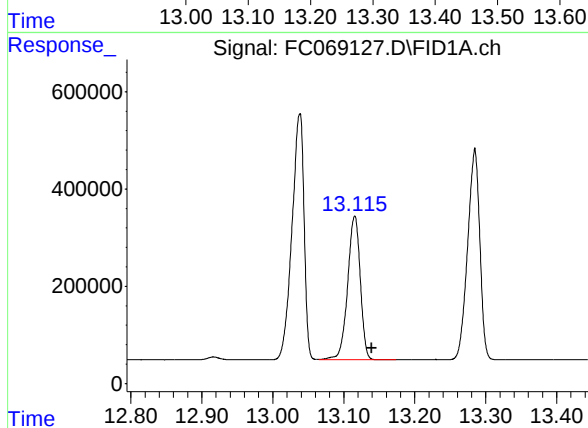
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: -0.024 min
Response: 5397466
Conc: 55.42 ug/ml



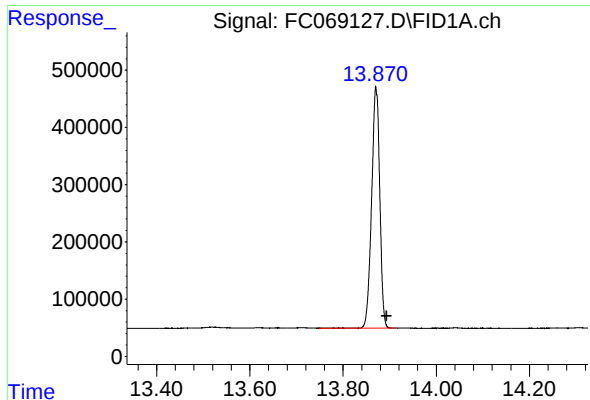
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: -0.023 min
Response: 5160540
Conc: 53.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: -0.024 min
Response: 3668537
Conc: 40.89 ug/ml



#13 n-Docosane (C22)

R.T.: 13.871 min
Delta R.T.: -0.022 min
Response: 5115569
Conc: 53.70 ug/ml

Instrument :

FID_C

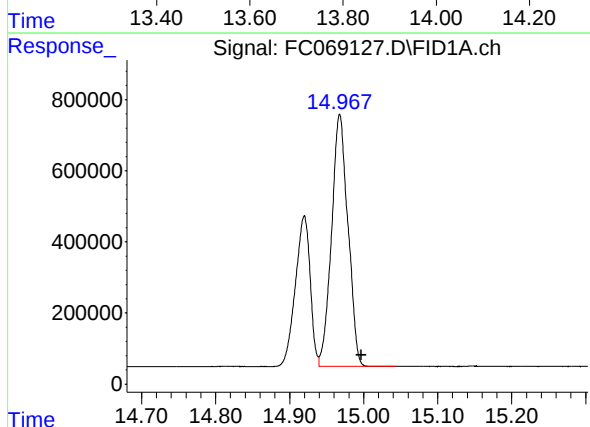
ClientSampleId :

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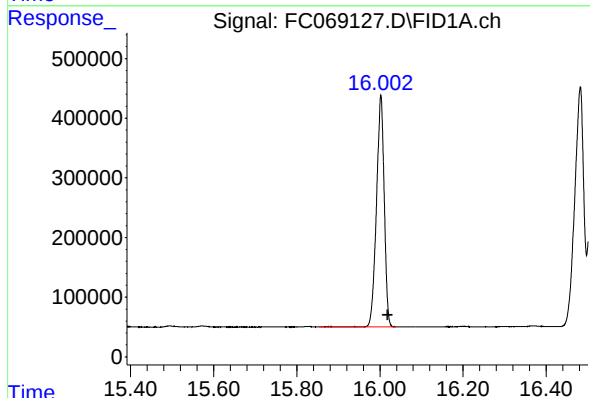
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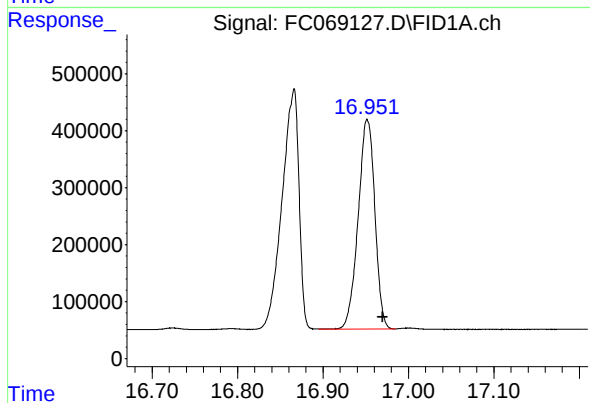
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.029 min
Response: 10908643
Conc: 115.86 ug/ml



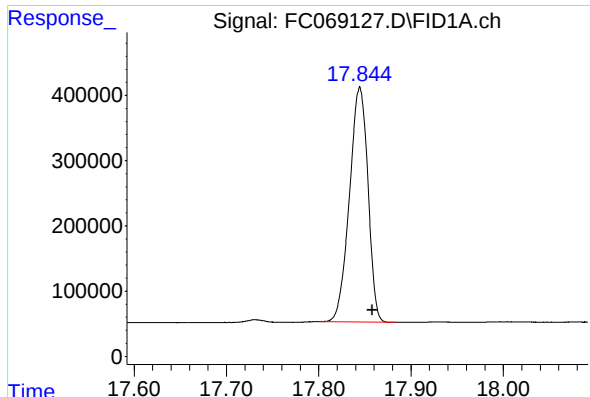
#15 n-Hexacosane (C26)

R.T.: 16.002 min
Delta R.T.: -0.016 min
Response: 5028636
Conc: 54.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.952 min
Delta R.T.: -0.018 min
Response: 4997497
Conc: 53.76 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.844 min
Delta R.T.: -0.013 min
Response: 5008289
Conc: 51.76 ug/ml

Instrument :

FID_C

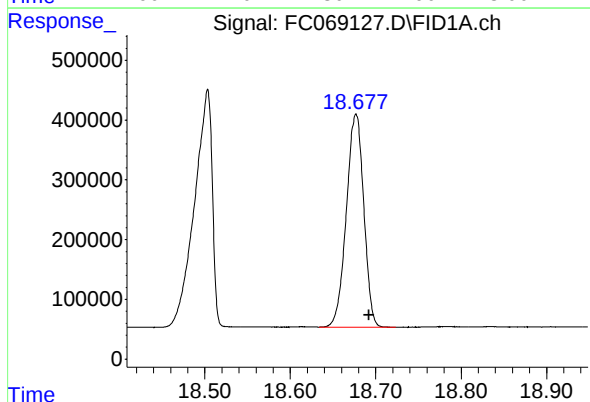
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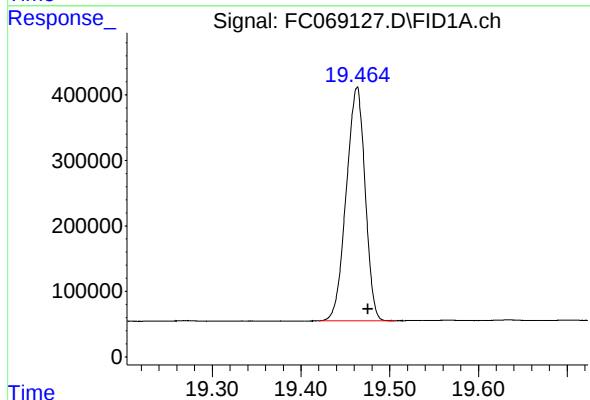
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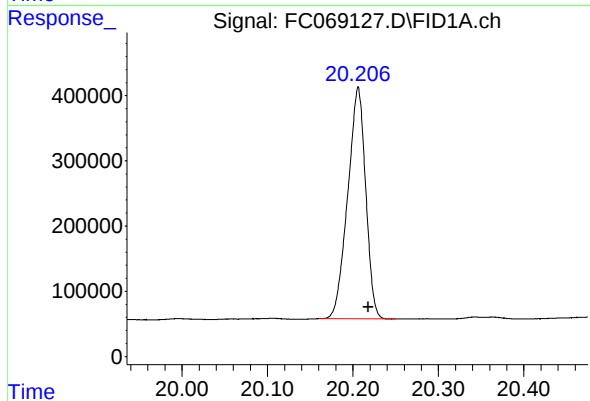
#18 n-Dotriacontane (C32)

R.T.: 18.677 min
Delta R.T.: -0.015 min
Response: 5054710
Conc: 51.01 ug/ml



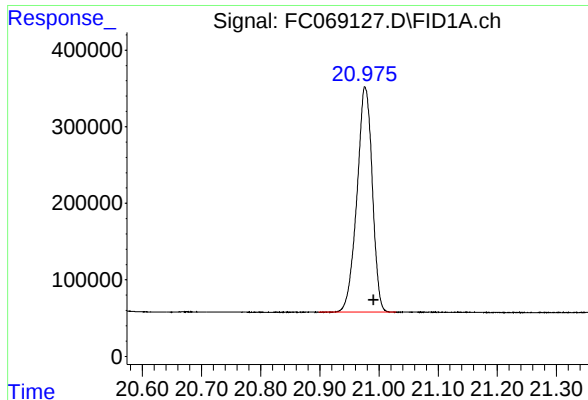
#19 n-Tetratriacontane (C34)

R.T.: 19.463 min
Delta R.T.: -0.013 min
Response: 5267998
Conc: 54.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.206 min
Delta R.T.: -0.012 min
Response: 5181142
Conc: 54.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.977 min
Delta R.T.: -0.014 min
Response: 5299039
Conc: 58.08 ug/ml

Instrument :

FID_C

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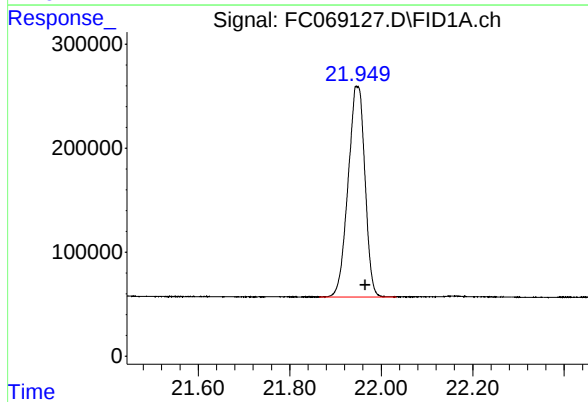
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#22 n-Tetracontane (C40)

R.T.: 21.949 min
Delta R.T.: -0.016 min
Response: 5181378
Conc: 58.72 ug/ml m