

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060525AL\
 Data File : FC069100.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 03:17
 Operator : YP/AJ
 Sample : PB168301BSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168301BSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Jun 06 04:14:51 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)	11.681	6815091	55.253 ug/ml
Spiked Amount 50.000		Recovery =	110.51%
12) S 1-chlorooctadecane (S...	13.117	5267459	58.714 ug/ml
Spiked Amount 50.000		Recovery =	117.43%
Target Compounds			
1) T n-Nonane (C9)	3.413	6301485	59.379 ug/ml
2) T n-Decane (C10)	4.484	6701134	63.274 ug/mlm
3) T A~Naphthalene (C11.7)	6.076	7839524	67.795 ug/ml
4) T n-Dodecane (C12)	6.507	6701097	63.746 ug/ml
5) T A~2-methylnaphthalene...	7.136	7136249	62.947 ug/ml
6) T n-Tetradecane (C14)	8.308	6331066	61.764 ug/ml
7) T n-Hexadecane (C16)	9.912	6153223	60.642 ug/ml
8) T n-Octadecane (C18)	11.359	5911146	59.144 ug/ml
10) T n-Eicosane (C20)	12.670	6036471	61.977 ug/ml
11) T n-Heneicosane (C21)	13.283	5773895	59.987 ug/ml
13) T n-Docosane (C22)	13.871	5707763	59.912 ug/ml
14) T n-Tetracosane (C24)	14.970	12249106	130.098 ug/ml
15) T n-Hexacosane (C26)	16.001	5599761	60.315 ug/ml
16) T n-Octacosane (C28)	16.952	5613485	60.391 ug/ml
17) T n-Tricontane (C30)	17.844	5609201	57.972 ug/ml
18) T n-Dotriacontane (C32)	18.677	5648616	57.000 ug/ml
19) T n-Tetratriacontane (C34)	19.463	5928798	61.515 ug/ml
20) T n-Hexatriacontane (C36)	20.204	5928310	62.449 ug/ml
21) T n-Octatriacontane (C38)	20.976	6214089	68.111 ug/ml
22) T n-Tetracontane (C40)	21.948	6239614	70.716 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB168301BSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

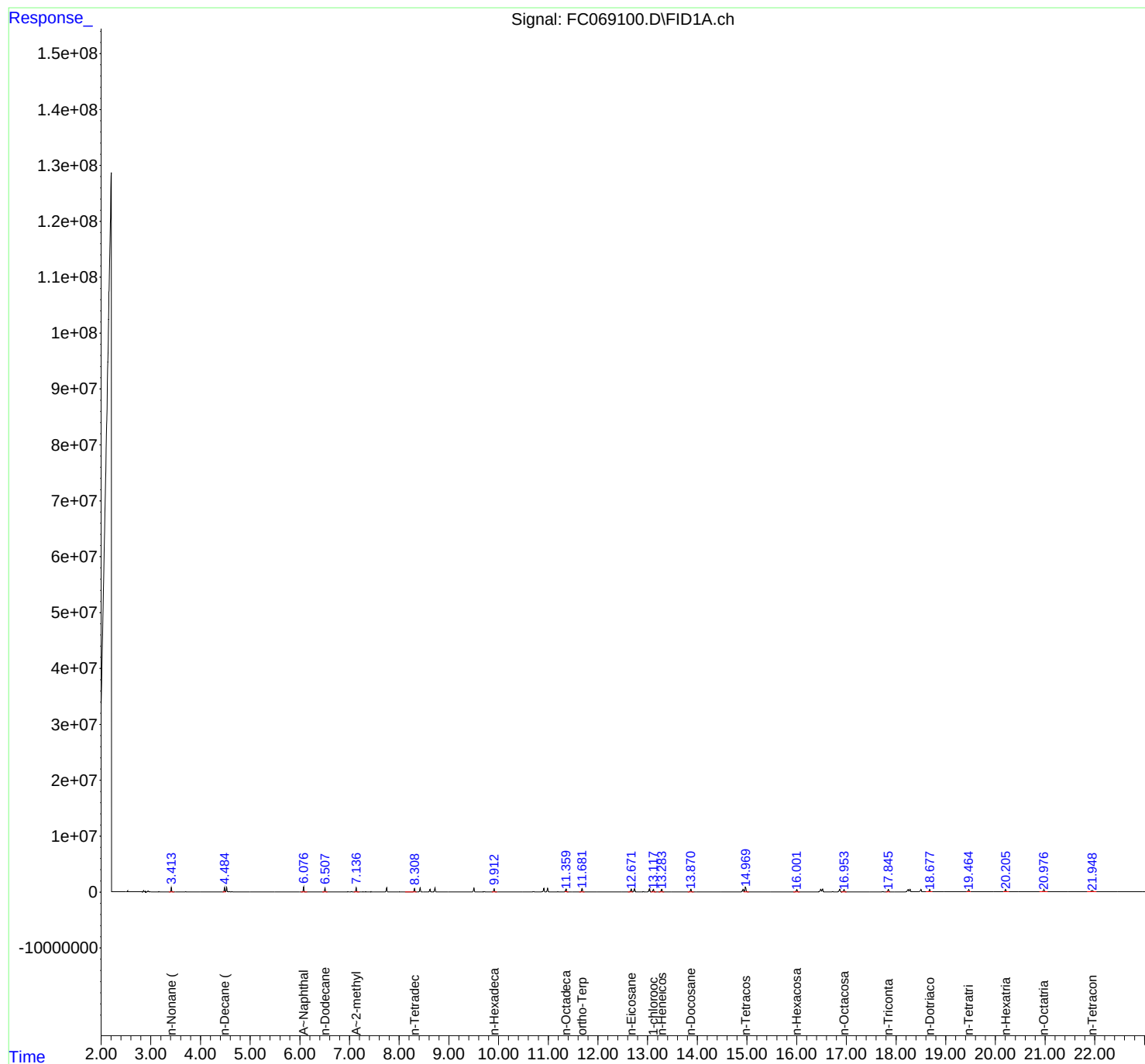
Instrument :
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ClientSampleId :
PB168301BSD

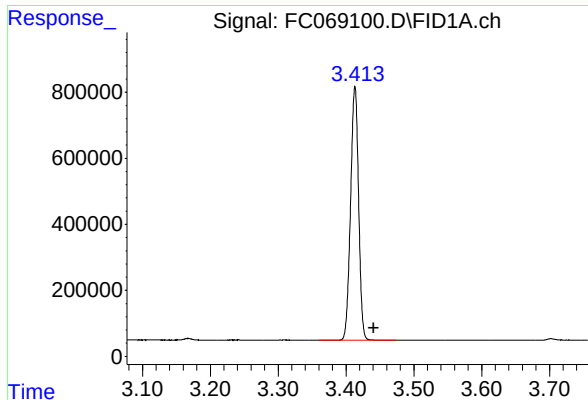
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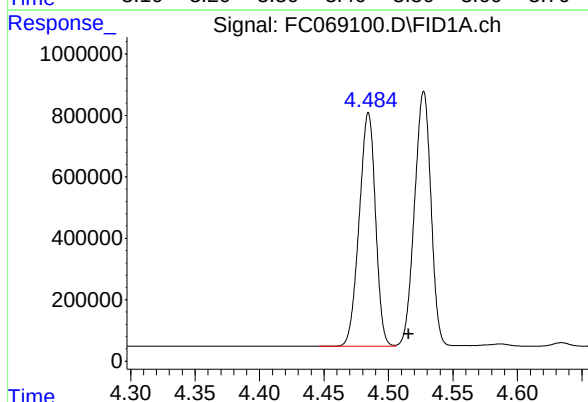
#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: -0.028 min
Response: 6301485
Conc: 59.38 ug/ml

Instrument :
FID_C
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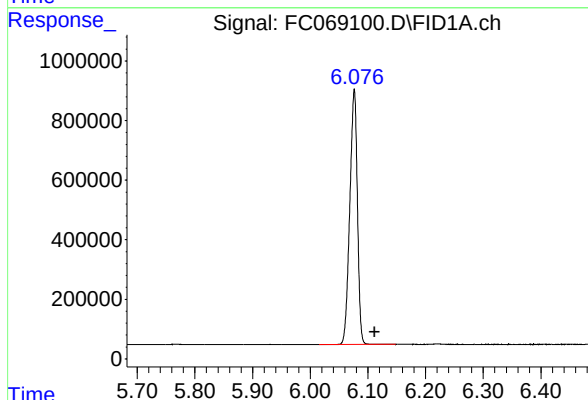
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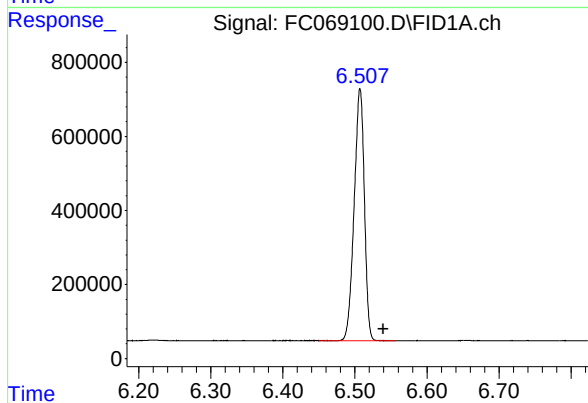
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.032 min
Response: 6701134
Conc: 63.27 ug/ml



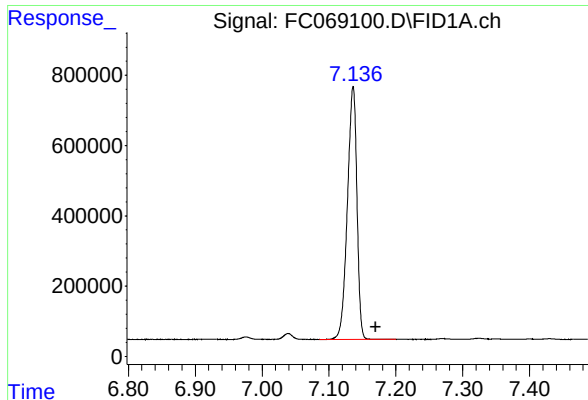
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: -0.036 min
Response: 7839524
Conc: 67.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.033 min
Response: 6701097
Conc: 63.75 ug/ml



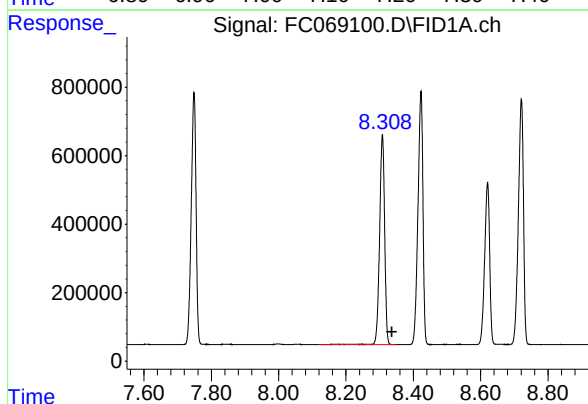
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.136 min
Delta R.T.: -0.034 min
Response: 7136249
Conc: 62.95 ug/ml

Instrument :
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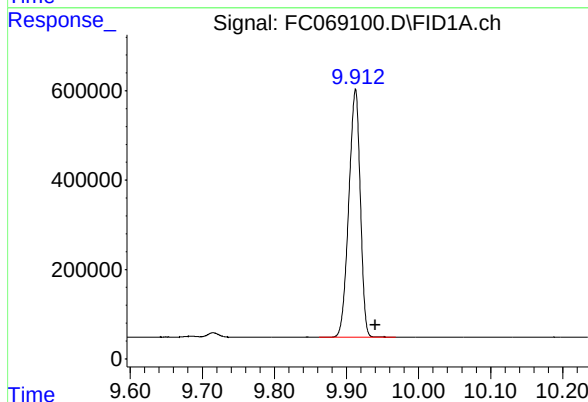
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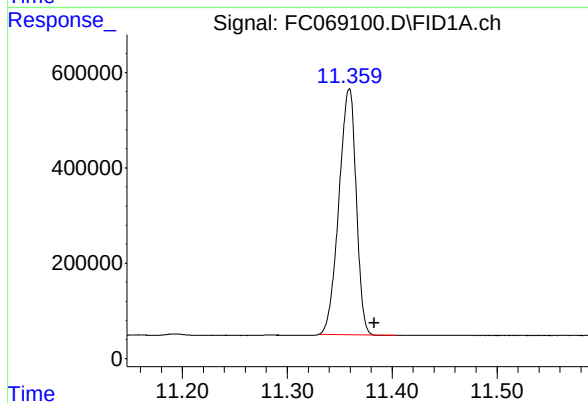
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: -0.029 min
Response: 6331066
Conc: 61.76 ug/ml



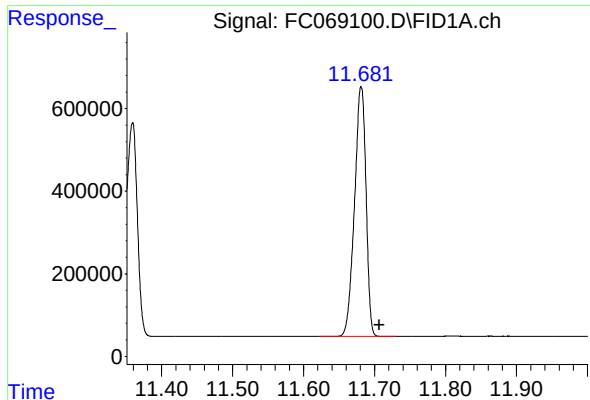
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.028 min
Response: 6153223
Conc: 60.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: -0.024 min
Response: 5911146
Conc: 59.14 ug/ml



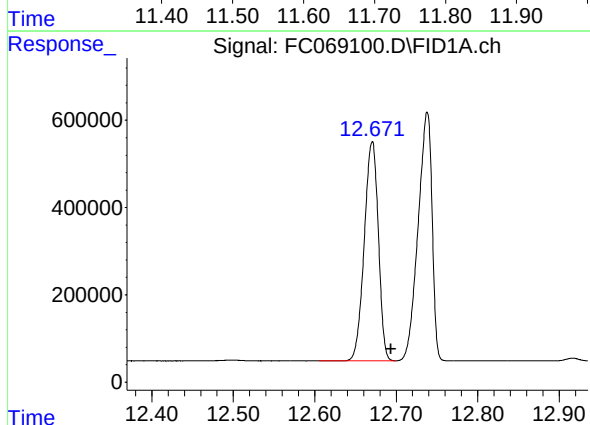
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: -0.026 min
Response: 6815091
Conc: 55.25 ug/ml

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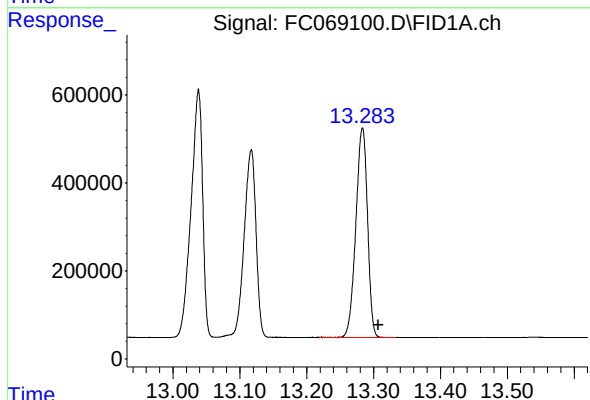
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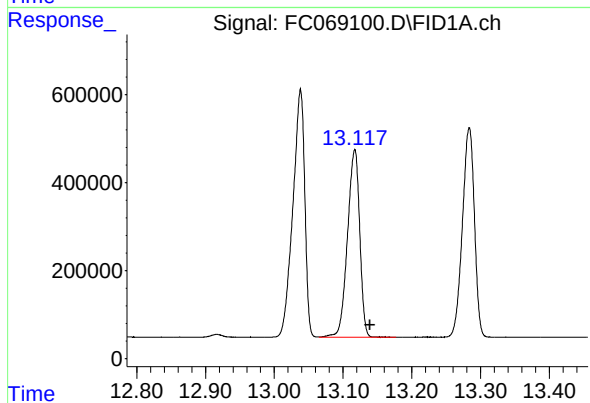
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: -0.023 min
Response: 6036471
Conc: 61.98 ug/ml



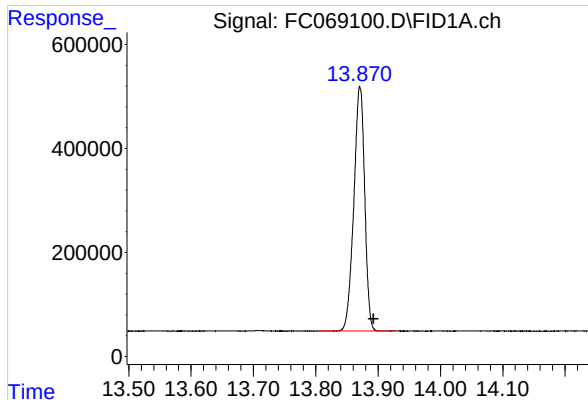
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: -0.024 min
Response: 5773895
Conc: 59.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.117 min
Delta R.T.: -0.023 min
Response: 5267459
Conc: 58.71 ug/ml



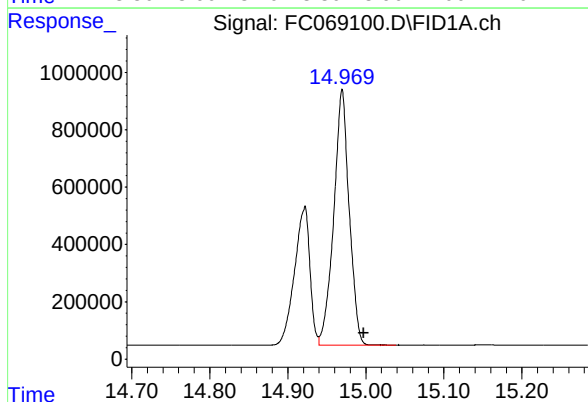
#13 n-Docosane (C22)

R.T.: 13.871 min
Delta R.T.: -0.023 min
Response: 5707763
Conc: 59.91 ug/ml

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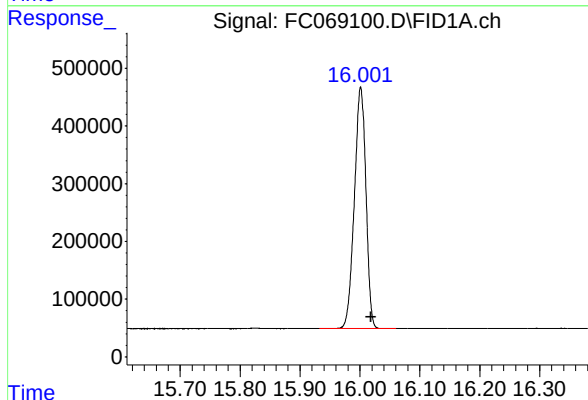
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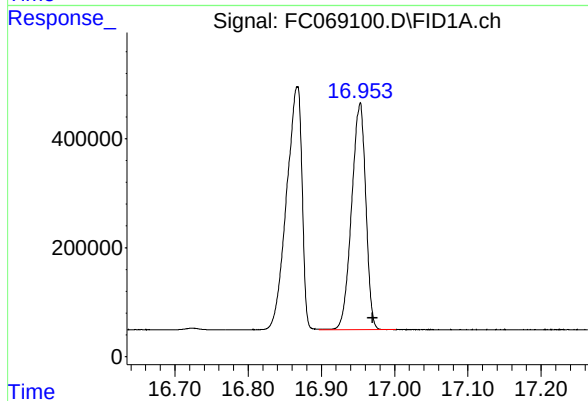
#14 n-Tetracosane (C24)

R.T.: 14.970 min
Delta R.T.: -0.027 min
Response: 12249106
Conc: 130.10 ug/ml



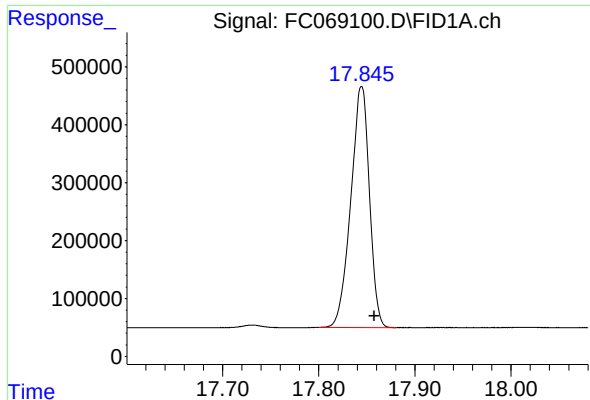
#15 n-Hexacosane (C26)

R.T.: 16.001 min
Delta R.T.: -0.017 min
Response: 5599761
Conc: 60.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.952 min
Delta R.T.: -0.017 min
Response: 5613485
Conc: 60.39 ug/ml



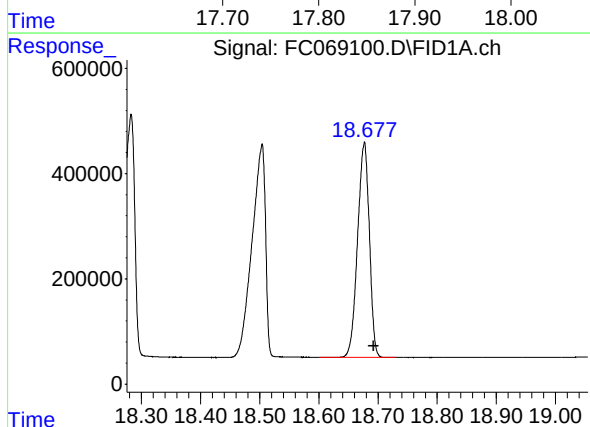
#17 n-Tricontane (C30)

R.T.: 17.844 min
Delta R.T.: -0.013 min
Response: 5609201
Conc: 57.97 ug/ml

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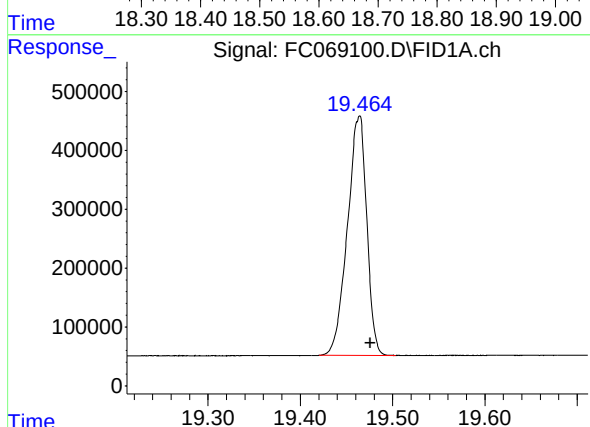
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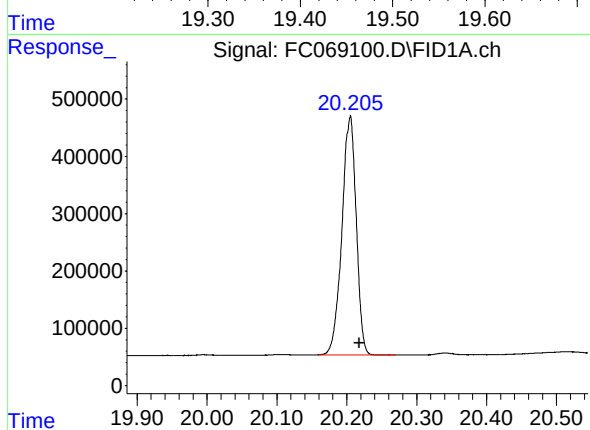
#18 n-Dotriacontane (C32)

R.T.: 18.677 min
Delta R.T.: -0.016 min
Response: 5648616
Conc: 57.00 ug/ml



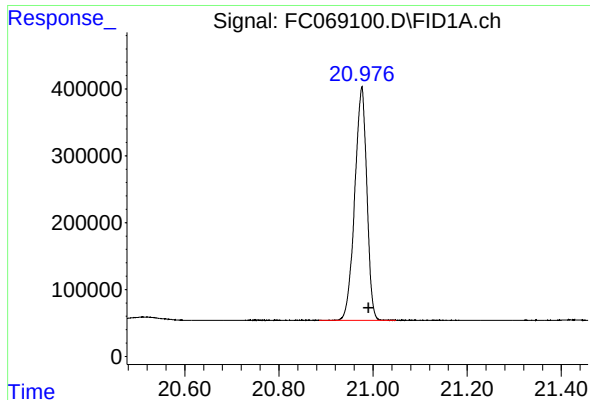
#19 n-Tetratriacontane (C34)

R.T.: 19.463 min
Delta R.T.: -0.012 min
Response: 5928798
Conc: 61.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.204 min
Delta R.T.: -0.014 min
Response: 5928310
Conc: 62.45 ug/ml



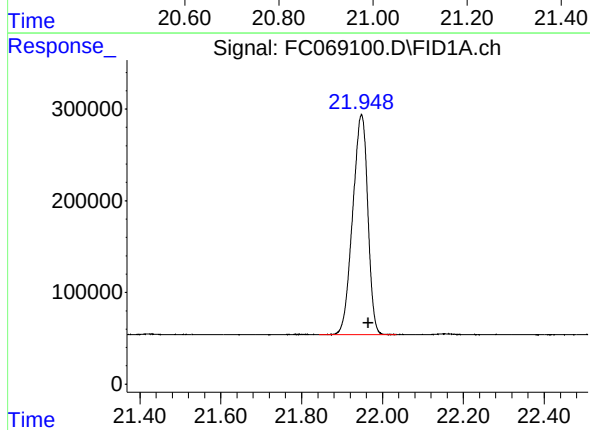
#21 n-Octatriacontane (C38)

R.T.: 20.976 min
Delta R.T.: -0.015 min
Response: 6214089
Conc: 68.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.948 min
Delta R.T.: -0.017 min
Response: 6239614
Conc: 70.72 ug/ml m