

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060925AL\
 Data File : FC069135.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jun 2025 16:57
 Operator : YP/AJ
 Sample : PB168324BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168324BS

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 05:23:50 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			
12) S 1-chlorooctadecane (S...	13.113	3366566	37.526 ug/ml
Spiked Amount 50.000		Recovery =	75.05%
Target Compounds			
1) T n-Nonane (C9)	3.400	2217452	20.895 ug/ml
2) T n-Decane (C10)	4.476	2679793	25.303 ug/ml
4) T n-Dodecane (C12)	6.503	2953611	28.097 ug/ml
6) T n-Tetradecane (C14)	8.303	3054731	29.801 ug/ml
7) T n-Hexadecane (C16)	9.908	3236632	31.898 ug/ml
8) T n-Octadecane (C18)	11.353	3312495	33.143 ug/mlm
10) T n-Eicosane (C20)	12.666	3555373	36.504 ug/ml
11) T n-Heneicosane (C21)	13.281	3487347	36.231 ug/ml
13) T n-Docosane (C22)	13.868	3503194	36.772 ug/ml
14) T n-Tetracosane (C24)	14.974	3529259	37.484 ug/ml
15) T n-Hexacosane (C26)	15.997	3496699	37.663 ug/ml
16) T n-Octacosane (C28)	16.949	3480519	37.444 ug/ml
17) T n-Tricontane (C30)	17.839	3536231	36.547 ug/ml
18) T n-Dotriacontane (C32)	18.674	3563259	35.957 ug/ml
19) T n-Tetratriacontane (C34)	19.460	3578132	37.126 ug/ml
20) T n-Hexatriacontane (C36)	20.202	3444828	36.288 ug/ml
21) T n-Octatriacontane (C38)	20.972	3202447	35.101 ug/ml
22) T n-Tetracontane (C40)	21.938	2598811	29.453 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB168324BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

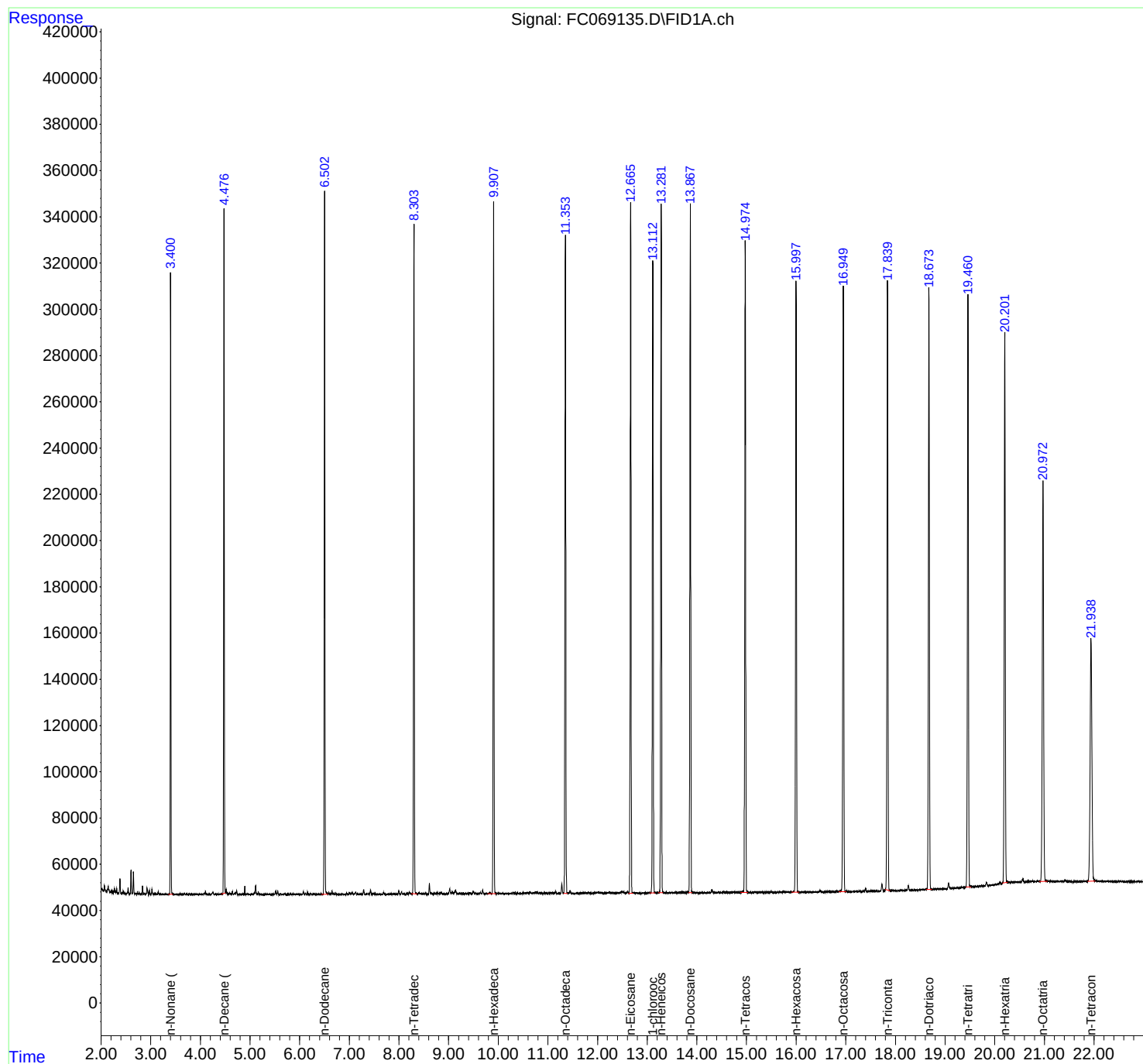
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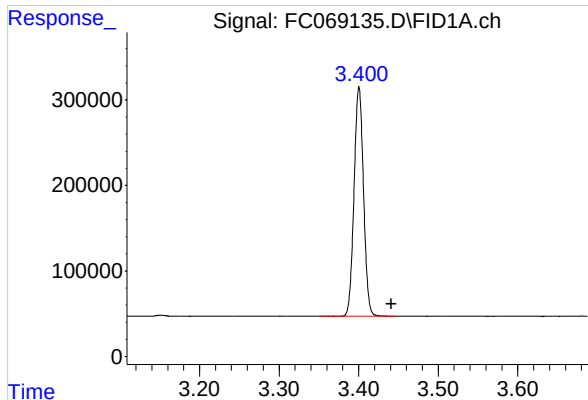
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#1 n-Nonane (C9)

R.T.: 3.400 min
Delta R.T.: -0.041 min
Response: 2217452
Conc: 20.90 ug/ml

Instrument :

FID_C

ClientSampleId :

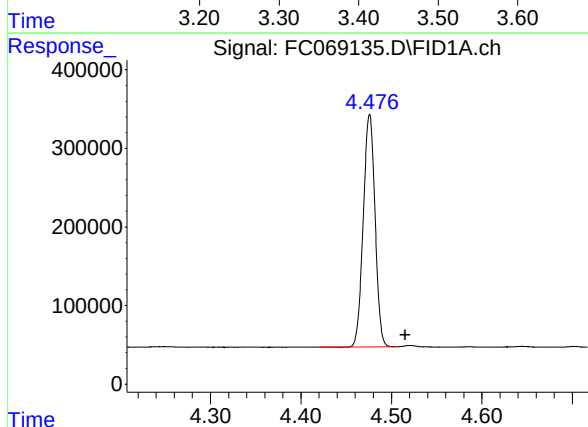
PB168324BS

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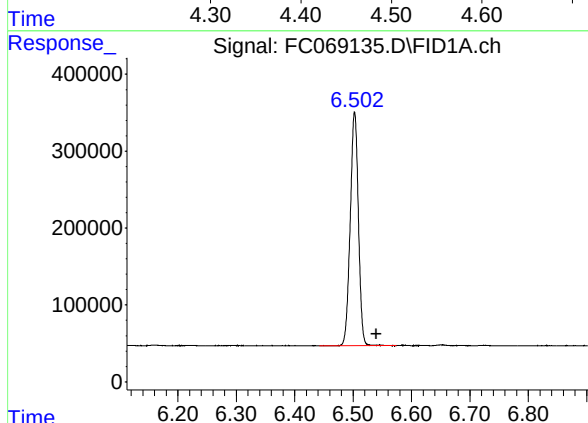
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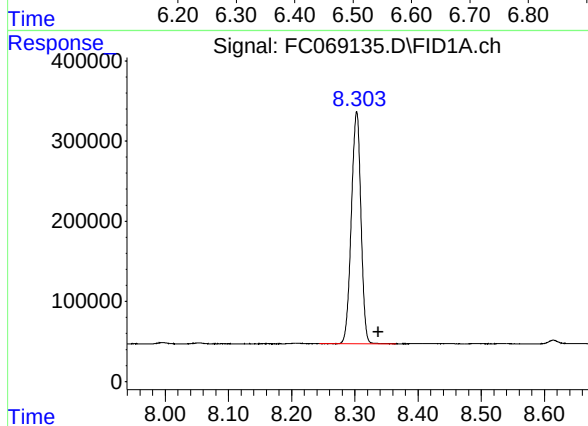
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.040 min
Response: 2679793
Conc: 25.30 ug/ml



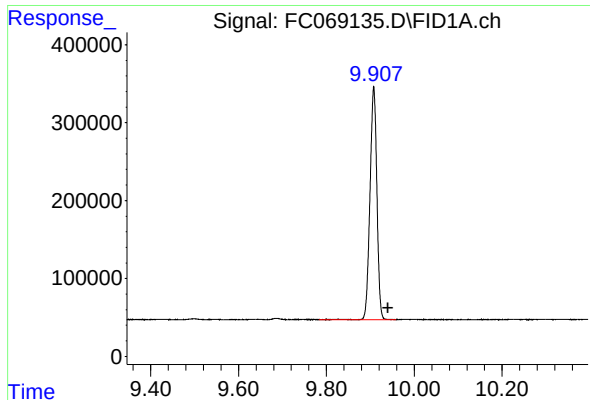
#4 n-Dodecane (C12)

R.T.: 6.503 min
Delta R.T.: -0.037 min
Response: 2953611
Conc: 28.10 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.303 min
Delta R.T.: -0.034 min
Response: 3054731
Conc: 29.80 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: -0.032 min
Response: 3236632
Conc: 31.90 ug/ml

Instrument :

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ClientSampleId :

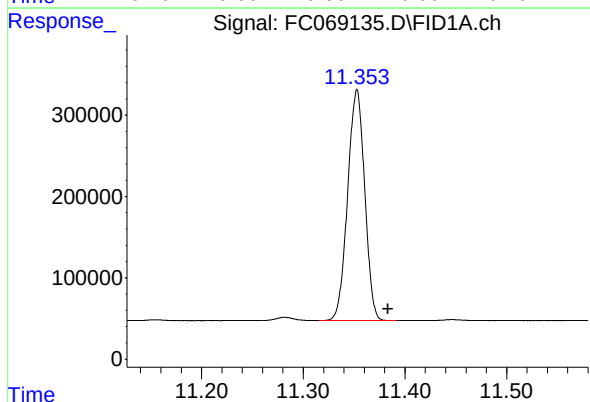
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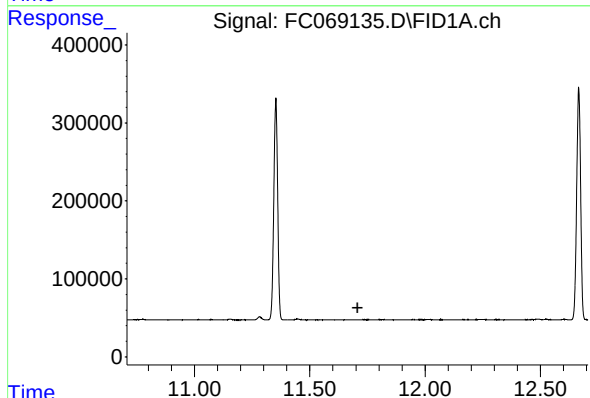
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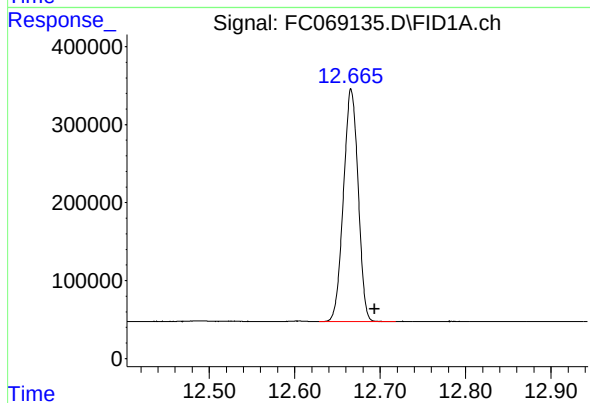
#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: -0.031 min
Response: 3312495
Conc: 33.14 ug/ml m



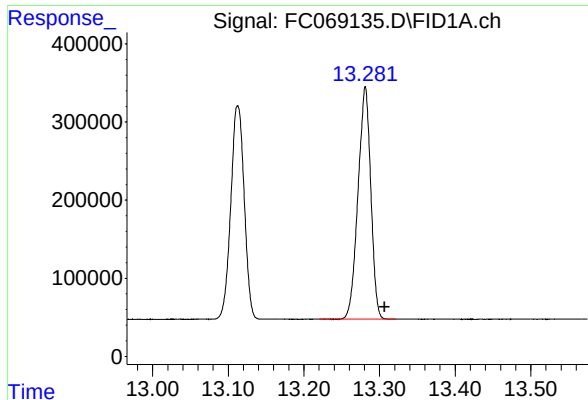
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.707 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.027 min
Response: 3555373
Conc: 36.50 ug/ml



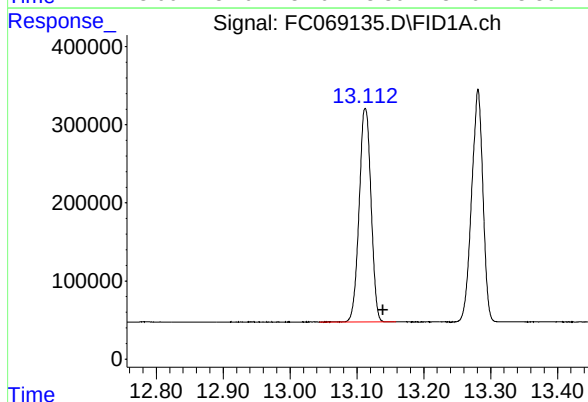
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: -0.026 min
Response: 3487347
Conc: 36.23 ug/ml

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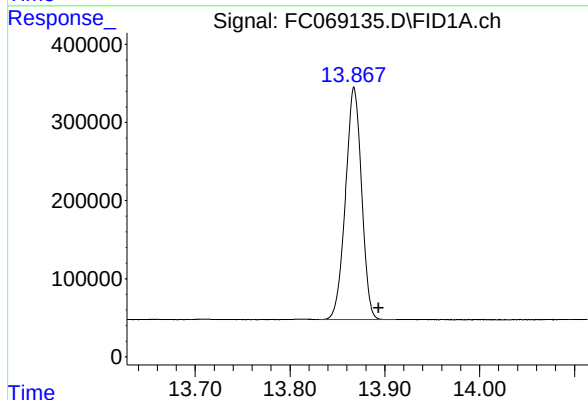
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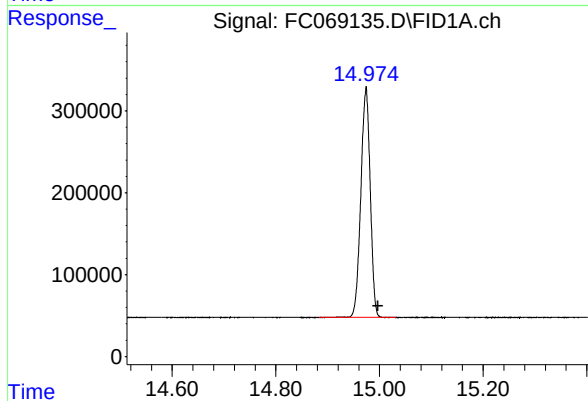
#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: -0.027 min
Response: 3366566
Conc: 37.53 ug/ml



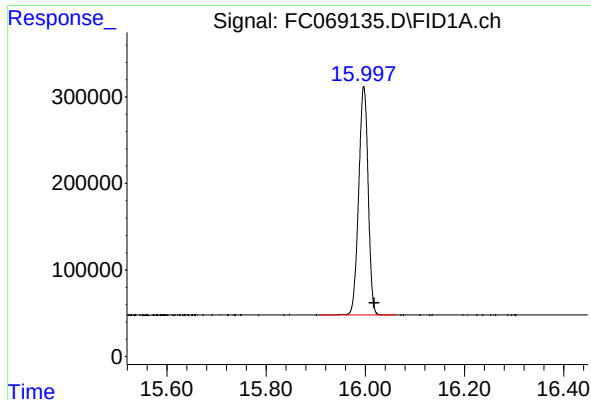
#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: -0.026 min
Response: 3503194
Conc: 36.77 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: -0.023 min
Response: 3529259
Conc: 37.48 ug/ml



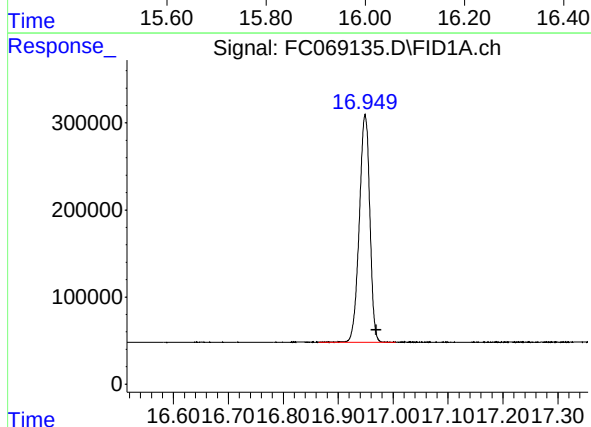
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: -0.022 min
Response: 3496699
Conc: 37.66 ug/ml

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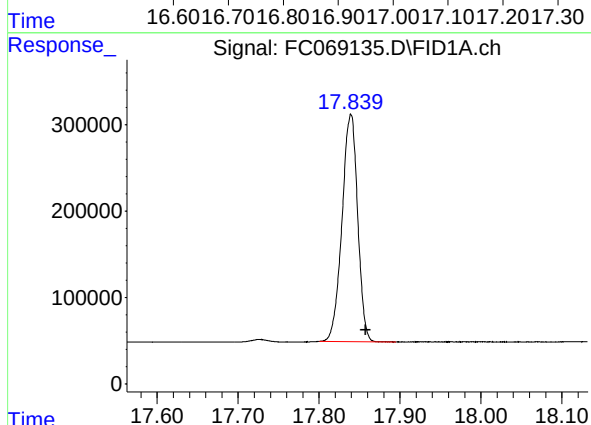
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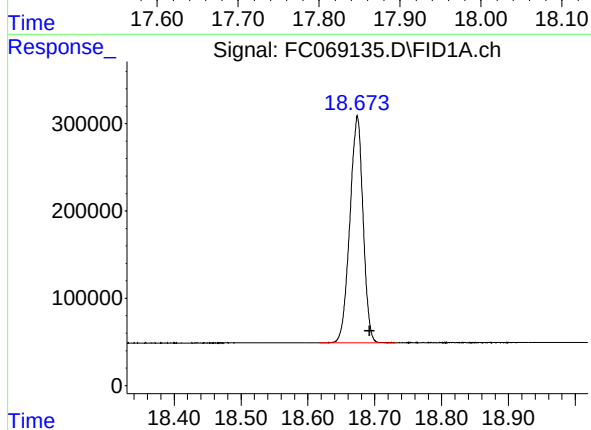
#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: -0.021 min
Response: 3480519
Conc: 37.44 ug/ml



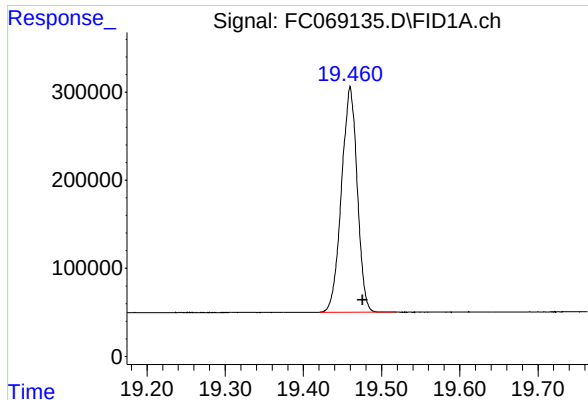
#17 n-Tricontane (C30)

R.T.: 17.839 min
Delta R.T.: -0.019 min
Response: 3536231
Conc: 36.55 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.674 min
Delta R.T.: -0.018 min
Response: 3563259
Conc: 35.96 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.460 min
Delta R.T.: -0.016 min
Response: 3578132
Conc: 37.13 ug/ml

Instrument :

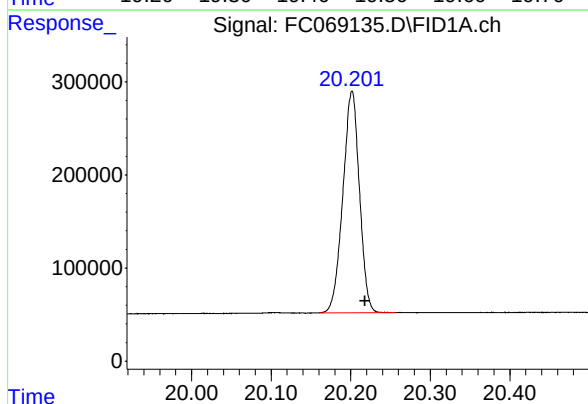
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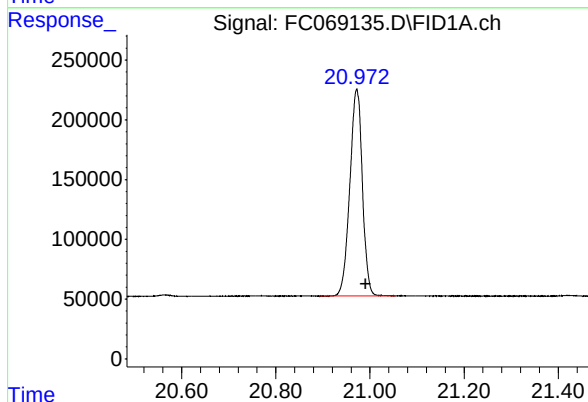
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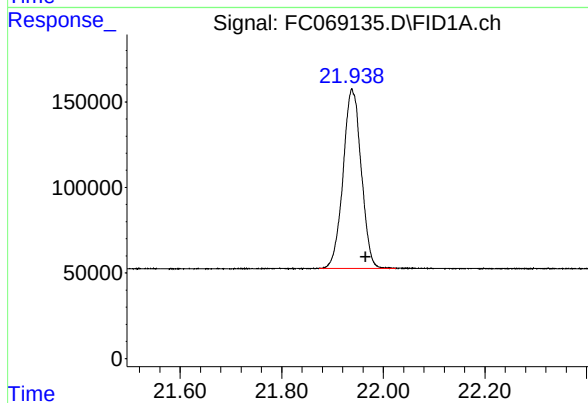
#20 n-Hexatriacontane (C36)

R.T.: 20.202 min
Delta R.T.: -0.016 min
Response: 3444828
Conc: 36.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.972 min
Delta R.T.: -0.019 min
Response: 3202447
Conc: 35.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: -0.027 min
Response: 2598811
Conc: 29.45 ug/ml m