

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060425AL\
 Data File : FC069070.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jun 2025 17:12
 Operator : YP/AJ
 Sample : PB168287BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168287BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/05/2025
 Supervised By :mohammad ahmed 06/06/2025

Integration File: autoint1.e
 Quant Time: Jun 05 08:03:22 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)	11.677	4509928	36.564 ug/ml
Spiked Amount 50.000		Recovery =	73.13%
12) S 1-chlorooctadecane (S...	13.114	3479208	38.781 ug/ml
Spiked Amount 50.000		Recovery =	77.56%
Target Compounds			
1) T n-Nonane (C9)	3.411	4201604	39.592 ug/ml
2) T n-Decane (C10)	4.482	4358231	41.151 ug/mlm
3) T A~Naphthalene (C11.7)	6.074	5044694	43.626 ug/ml
4) T n-Dodecane (C12)	6.505	4339901	41.284 ug/ml
5) T A~2-methylnaphthalene...	7.133	4576355	40.367 ug/ml
6) T n-Tetradecane (C14)	8.306	4175122	40.732 ug/ml
7) T n-Hexadecane (C16)	9.910	4123614	40.640 ug/ml
8) T n-Octadecane (C18)	11.355	4010011	40.122 ug/mlm
10) T n-Eicosane (C20)	12.668	4042324	41.503 ug/ml
11) T n-Heneicosane (C21)	13.281	3858436	40.086 ug/ml
13) T n-Docosane (C22)	13.868	3797976	39.866 ug/ml
14) T n-Tetracosane (C24)	14.962	7959891	84.542 ug/ml
15) T n-Hexacosane (C26)	15.998	3672824	39.560 ug/ml
16) T n-Octacosane (C28)	16.948	3667132	39.452 ug/ml
17) T n-Tricontane (C30)	17.839	3646517	37.687 ug/ml
18) T n-Dotriacontane (C32)	18.672	3679568	37.131 ug/ml
19) T n-Tetratriacontane (C34)	19.457	3853228	39.980 ug/ml
20) T n-Hexatriacontane (C36)	20.200	3850466	40.561 ug/ml
21) T n-Octatriacontane (C38)	20.970	4017600	44.036 ug/ml
22) T n-Tetracontane (C40)	21.936	3957847	44.856 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB168287BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

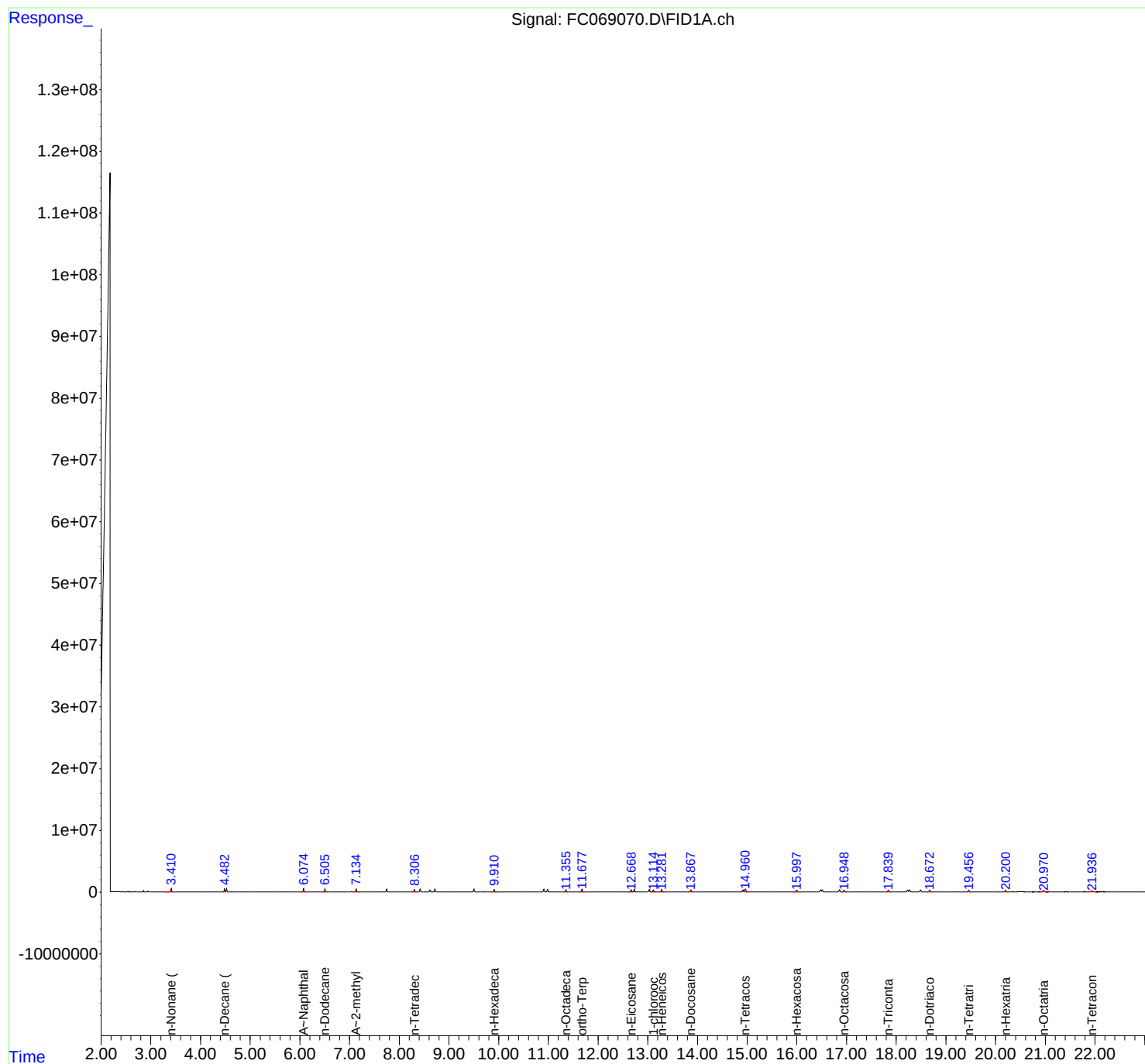
Instrument :
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PB168287BSD

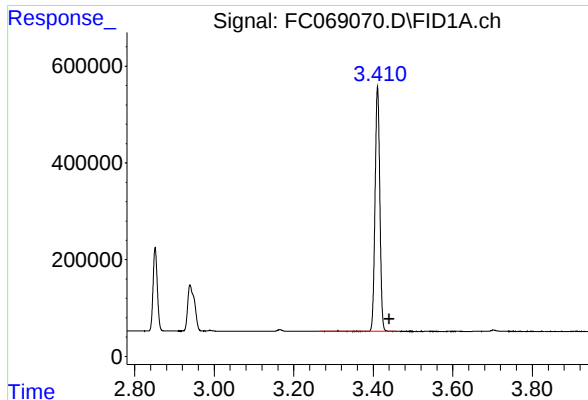
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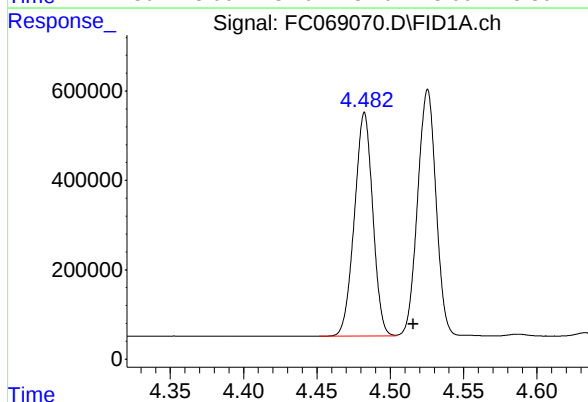
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: -0.030 min
Response: 4201604
Conc: 39.59 ug/ml

Instrument :
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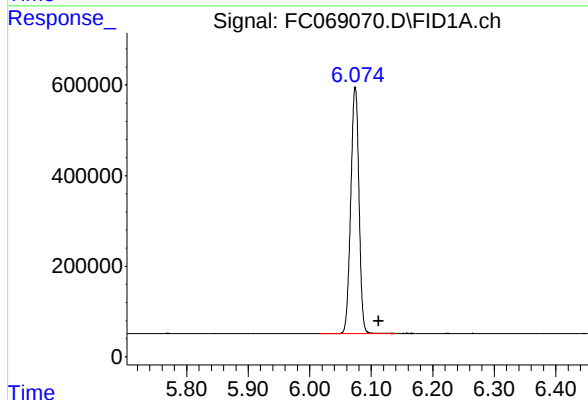
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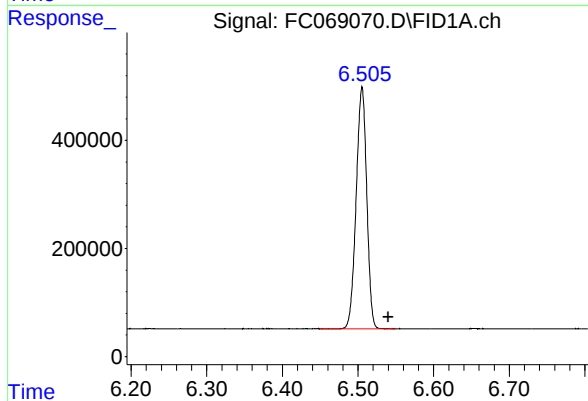
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.034 min
Response: 4358231
Conc: 41.15 ug/ml



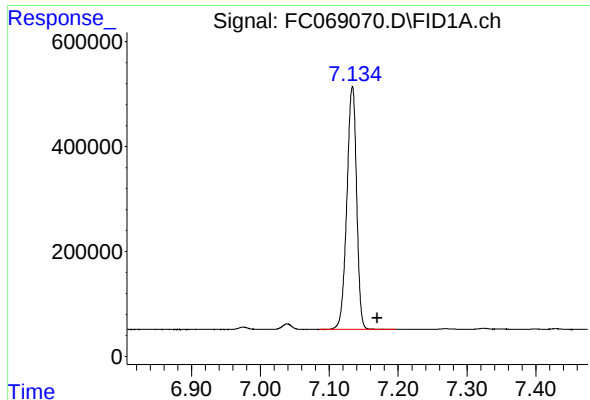
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.038 min
Response: 5044694
Conc: 43.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.035 min
Response: 4339901
Conc: 41.28 ug/ml



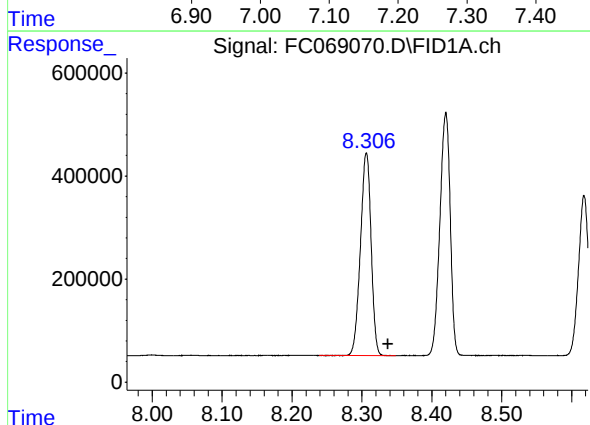
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: -0.036 min
Response: 4576355
Conc: 40.37 ug/ml

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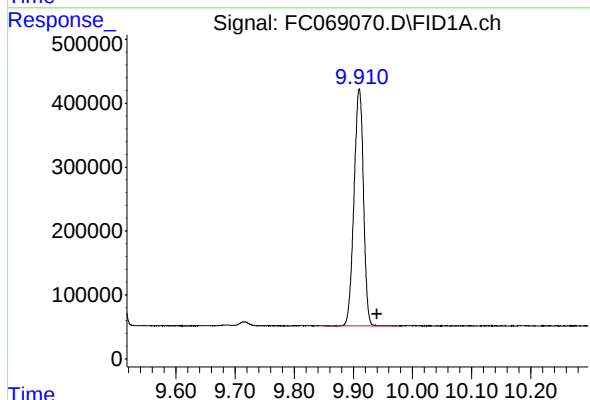
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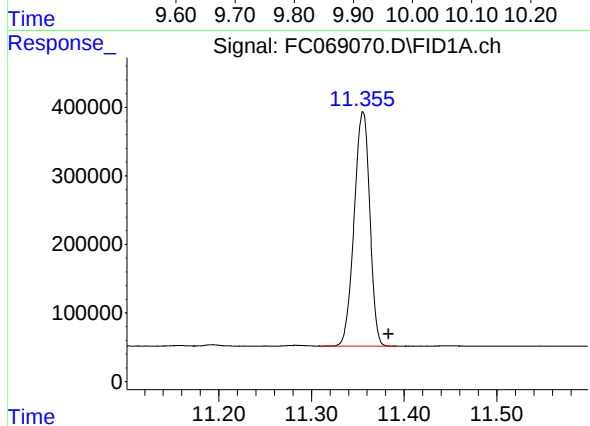
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.031 min
Response: 4175122
Conc: 40.73 ug/ml



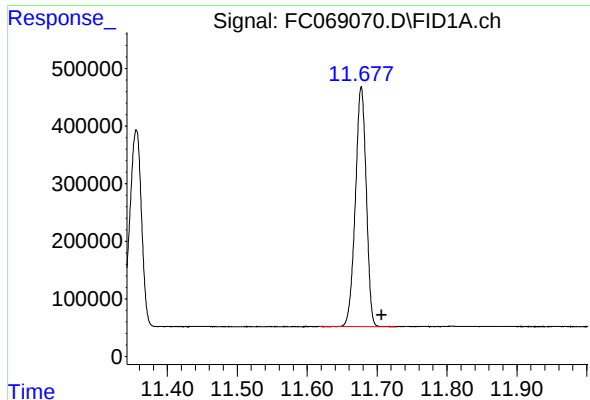
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: -0.030 min
Response: 4123614
Conc: 40.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: -0.028 min
Response: 4010011
Conc: 40.12 ug/ml m



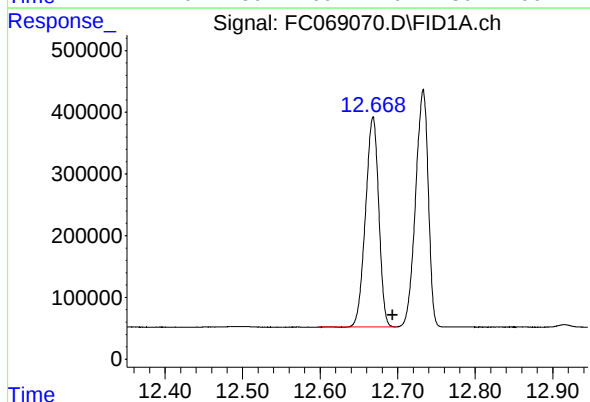
#9 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: -0.029 min
Response: 4509928
Conc: 36.56 ug/ml

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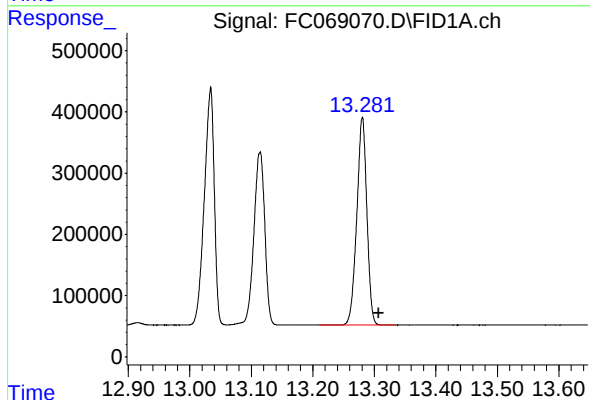
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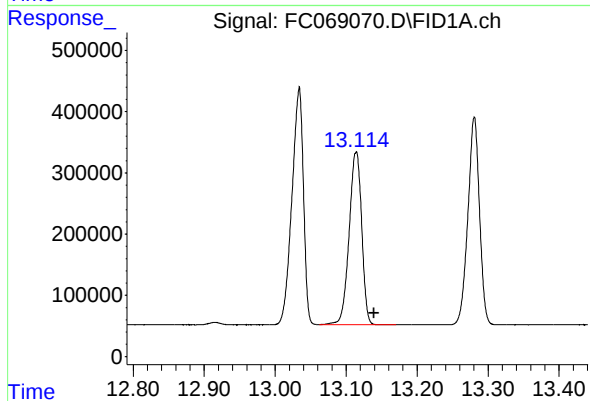
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.026 min
Response: 4042324
Conc: 41.50 ug/ml



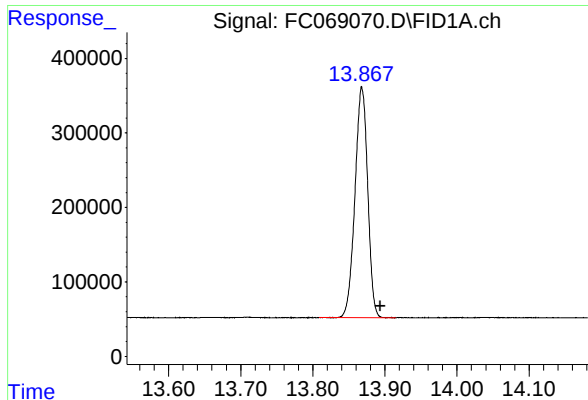
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: -0.026 min
Response: 3858436
Conc: 40.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: -0.025 min
Response: 3479208
Conc: 38.78 ug/ml



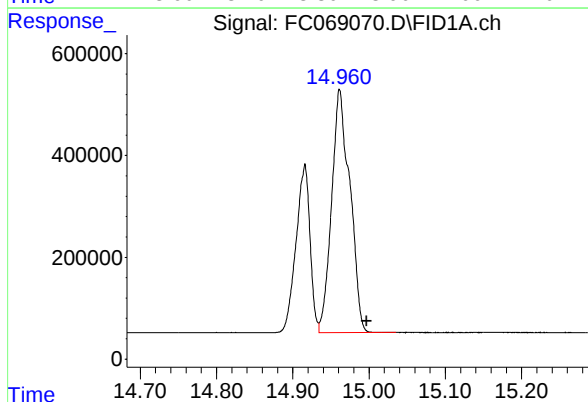
#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: -0.025 min
Response: 3797976
Conc: 39.87 ug/ml

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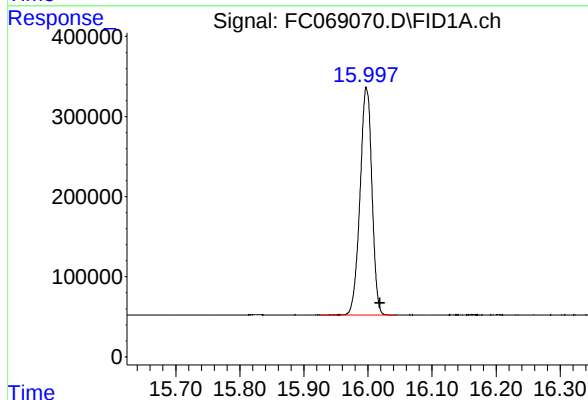
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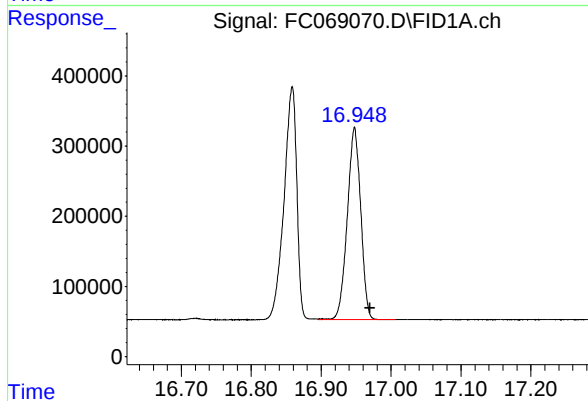
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: -0.035 min
Response: 7959891
Conc: 84.54 ug/ml



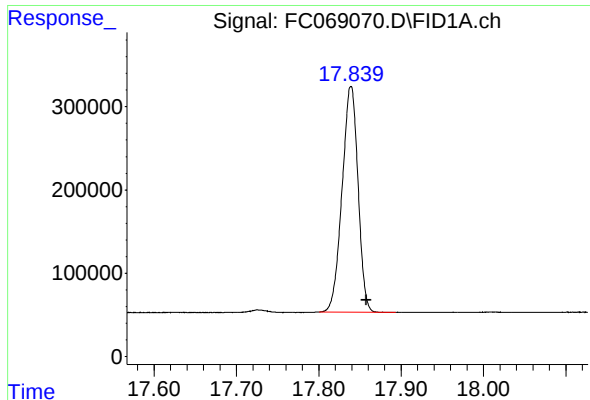
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: -0.021 min
Response: 3672824
Conc: 39.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: -0.022 min
Response: 3667132
Conc: 39.45 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.839 min
Delta R.T.: -0.019 min
Response: 3646517
Conc: 37.69 ug/ml

Instrument :

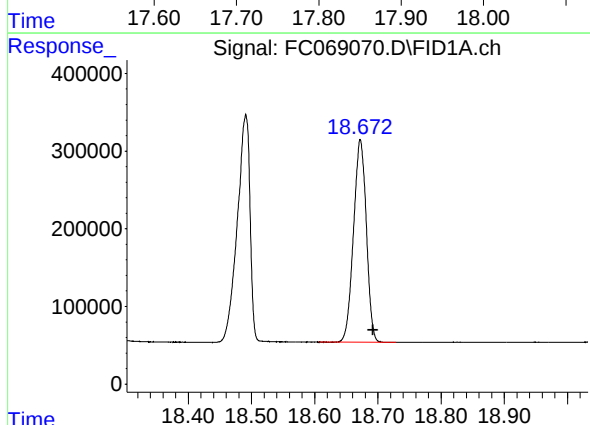
FID_C

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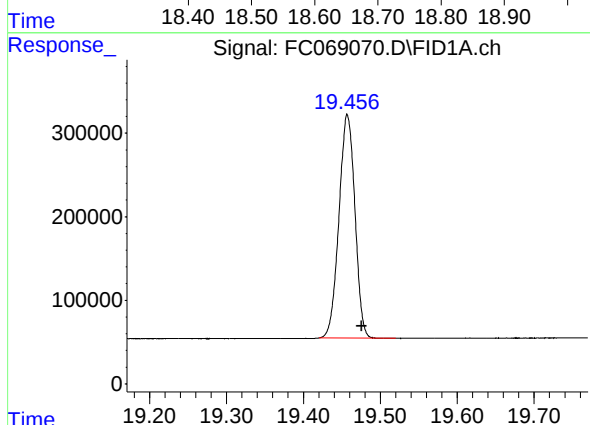
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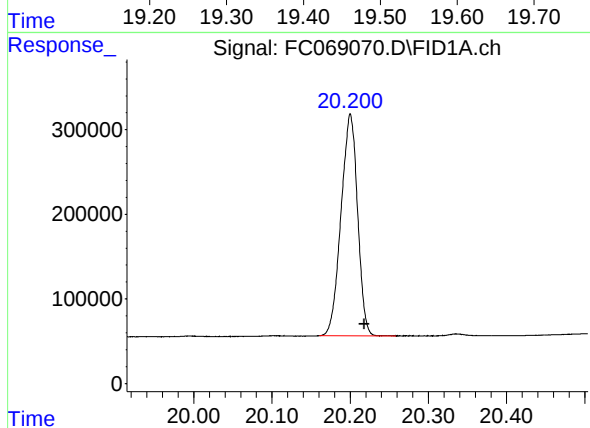
#18 n-Dotriacontane (C32)

R.T.: 18.672 min
Delta R.T.: -0.020 min
Response: 3679568
Conc: 37.13 ug/ml



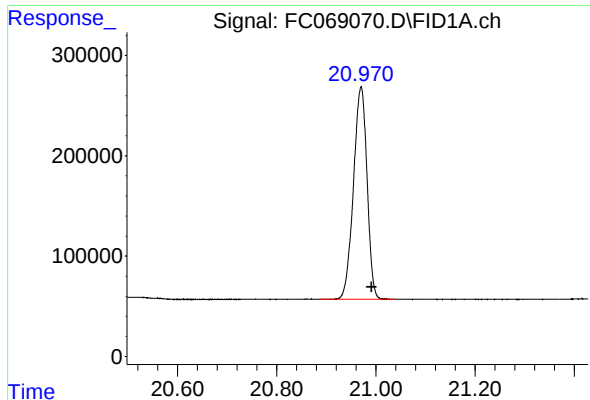
#19 n-Tetatriacontane (C34)

R.T.: 19.457 min
Delta R.T.: -0.018 min
Response: 3853228
Conc: 39.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.200 min
Delta R.T.: -0.018 min
Response: 3850466
Conc: 40.56 ug/ml



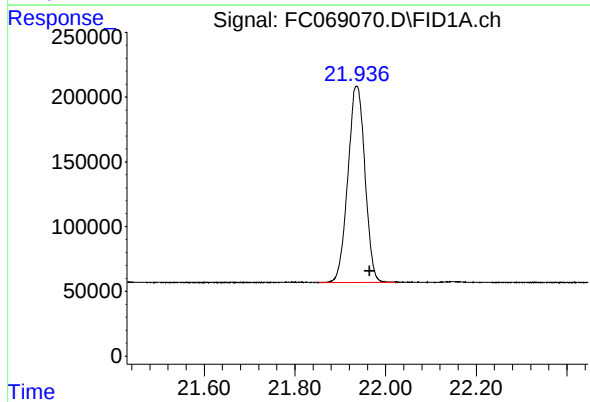
#21 n-Octatriacontane (C38)

R.T.: 20.970 min
Delta R.T.: -0.021 min
Response: 4017600
Conc: 44.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: -0.029 min
Response: 3957847
Conc: 44.86 ug/ml m