

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071025AL\
 Data File : FC069414.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2025 12:37
 Operator : YP/AJ
 Sample : PB168768BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168768BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
 Quant Time: Jul 11 01:15:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 Qlast Update : Wed Jun 18 14:24:27 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)	11.671	4775169	27.641 ug/ml
Spiked Amount 50.000		Recovery =	55.28%
12) S 1-chlorooctadecane (S...	13.106	3748401	28.692 ug/ml
Spiked Amount 50.000		Recovery =	57.38%
Target Compounds			
1) T n-Nonane (C9)	3.407	3122656	21.957 ug/ml
2) T n-Decane (C10)	4.478	3467000	23.682 ug/ml
3) T A~Naphthalene (C11.7)	6.070	4691292	29.158 ug/ml
4) T n-Dodecane (C12)	6.500	4092332	27.025 ug/ml
5) T A~2-methylnaphthalene...	7.129	4906074	31.002 ug/ml
6) T n-Tetradecane (C14)	8.301	5035104	32.483 ug/ml
7) T n-Hexadecane (C16)	9.904	5423711	33.190 ug/ml
8) T n-Octadecane (C18)	11.349	5328530	32.636 ug/ml
10) T n-Eicosane (C20)	12.661	5304647	34.753 ug/ml
11) T n-Heneicosane (C21)	13.273	5001969	33.936 ug/ml
13) T n-Docosane (C22)	13.862	4875904	33.888 ug/ml
14) T n-Tetracosane (C24)	14.959	9424047	68.324 ug/ml
15) T n-Hexacosane (C26)	15.990	4411600	33.748 ug/ml
16) T n-Octacosane (C28)	16.940	4207120	34.113 ug/ml
17) T n-Tricontane (C30)	17.830	4080729	34.325 ug/ml
18) T n-Dotriacontane (C32)	18.664	3974826	36.354 ug/ml
19) T n-Tetratriacontane (C34)	19.449	4113450	42.597 ug/ml
20) T n-Hexatriacontane (C36)	20.191	3943699	47.853 ug/ml
21) T n-Octatriacontane (C38)	20.956	3992749	53.429 ug/ml
22) T n-Tetracontane (C40)	21.922	3935321	55.571 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB168768BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

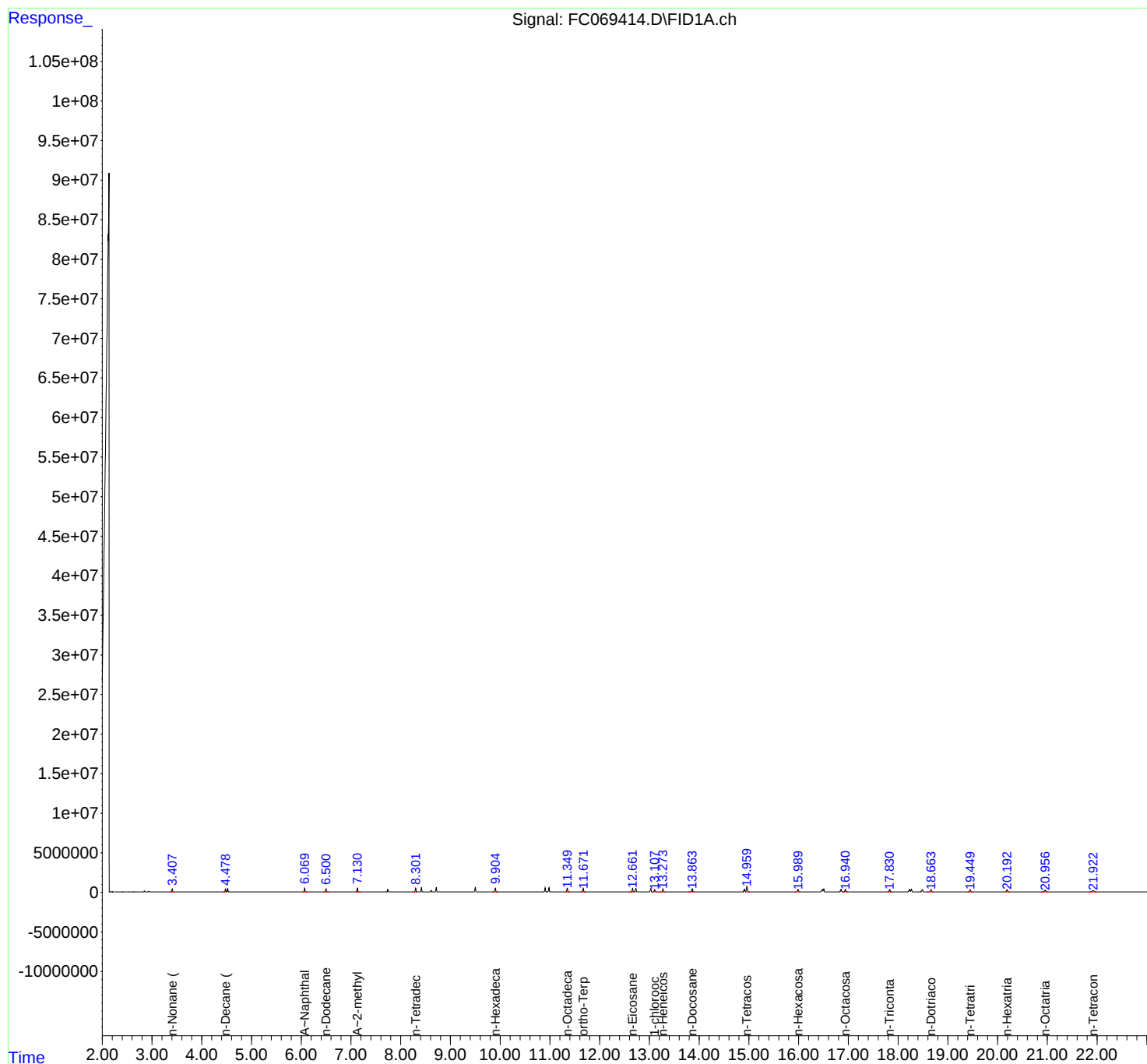
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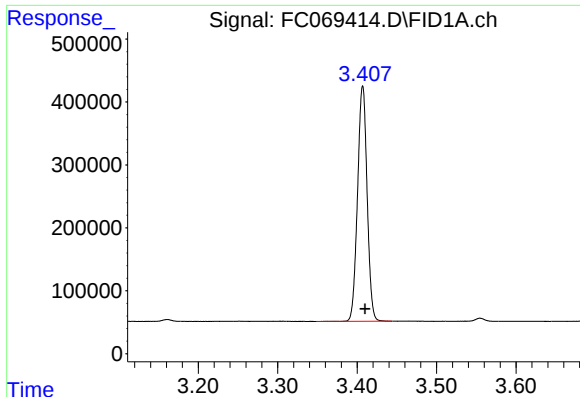
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#1 n-Nonane (C9)

R.T.: 3.407 min
Delta R.T.: -0.003 min
Response: 3122656
Conc: 21.96 ug/ml

Instrument :

FID_C

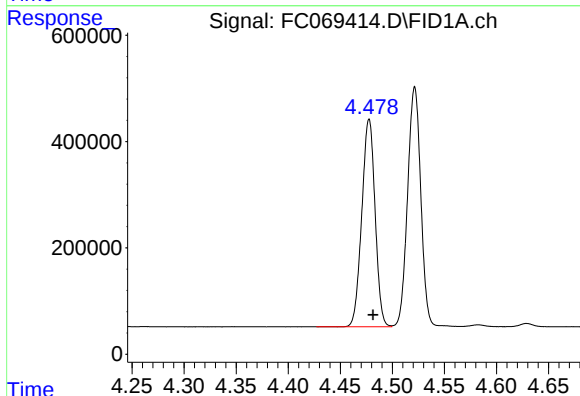
ClientSampleId :

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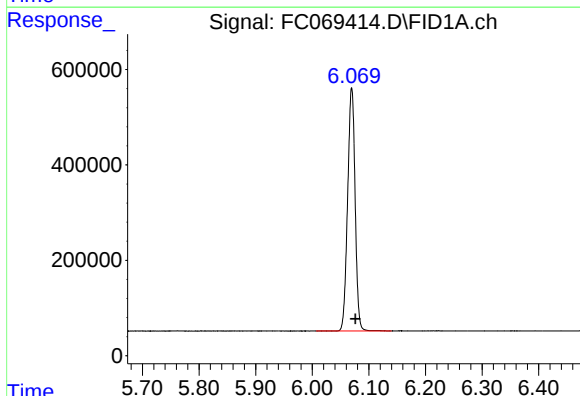
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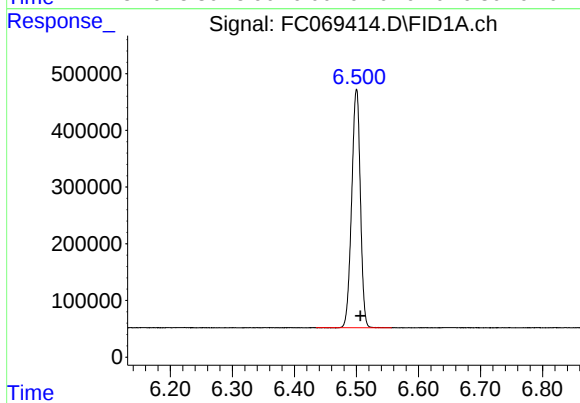
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.004 min
Response: 3467000
Conc: 23.68 ug/ml



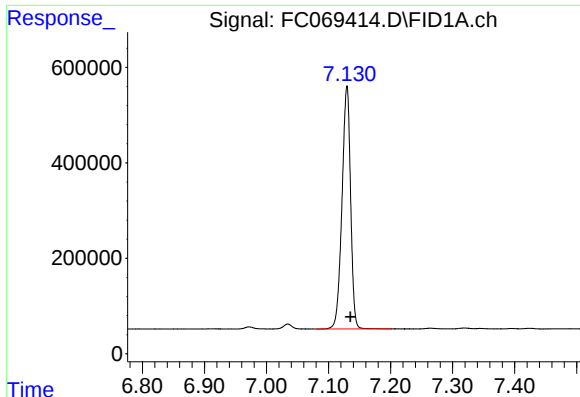
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: -0.007 min
Response: 4691292
Conc: 29.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.500 min
Delta R.T.: -0.006 min
Response: 4092332
Conc: 27.03 ug/ml



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

R.T.: 7.129 min
Delta R.T.: -0.006 min
Response: 4906074
Conc: 31.00 ug/ml

Instrument :

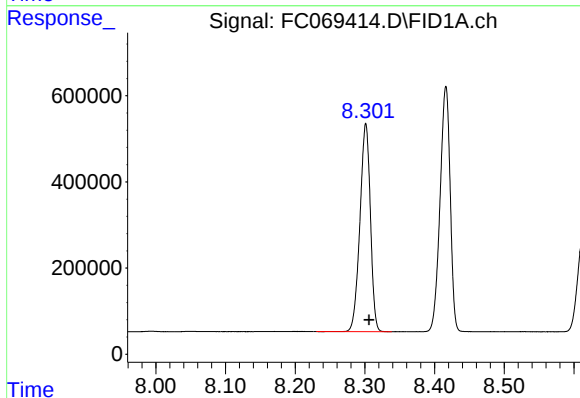
FID_C

ClientSampleId :

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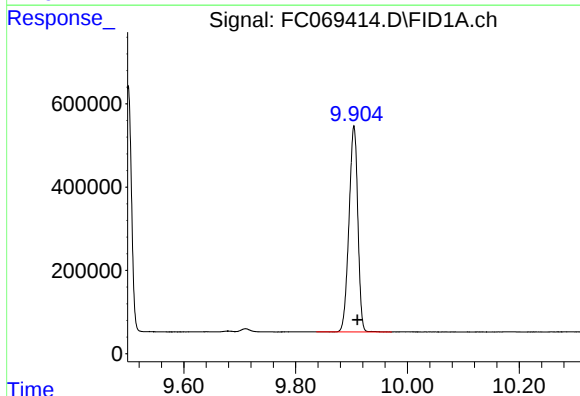
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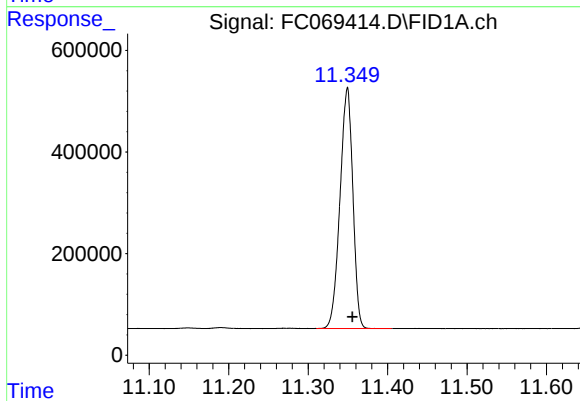
#6 n-Tetradecane (C14)

R.T.: 8.301 min
Delta R.T.: -0.005 min
Response: 5035104
Conc: 32.48 ug/ml



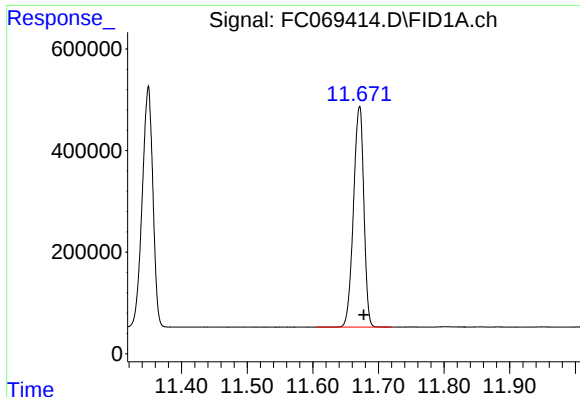
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: -0.006 min
Response: 5423711
Conc: 33.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.349 min
Delta R.T.: -0.006 min
Response: 5328530
Conc: 32.64 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.671 min
Delta R.T.: -0.007 min
Response: 4775169
Conc: 27.64 ug/ml

Instrument :

FID_C

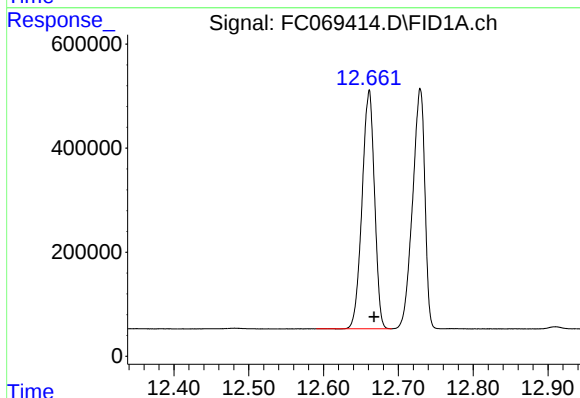
ClientSampleId :

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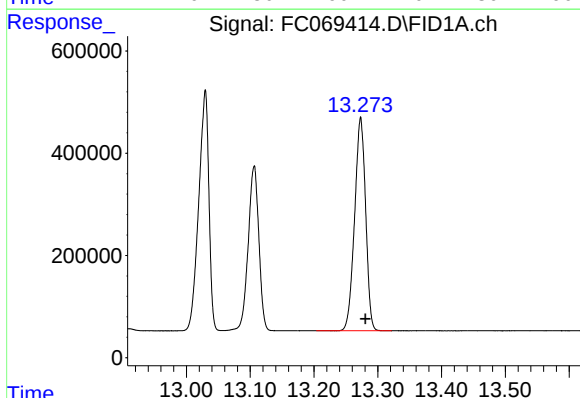
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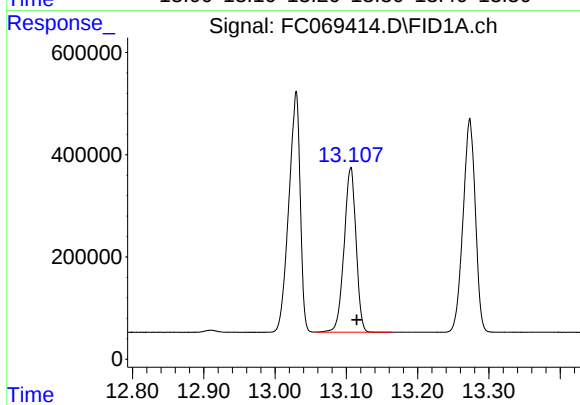
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: -0.007 min
Response: 5304647
Conc: 34.75 ug/ml



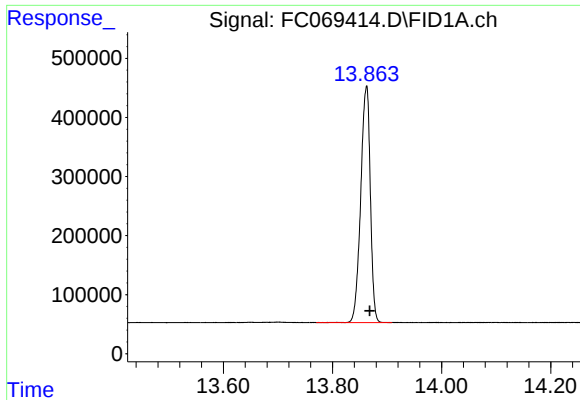
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: -0.008 min
Response: 5001969
Conc: 33.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.106 min
Delta R.T.: -0.008 min
Response: 3748401
Conc: 28.69 ug/ml



#13 n-Docosane (C22)

R.T.: 13.862 min
Delta R.T.: -0.006 min
Response: 4875904
Conc: 33.89 ug/ml

Instrument :

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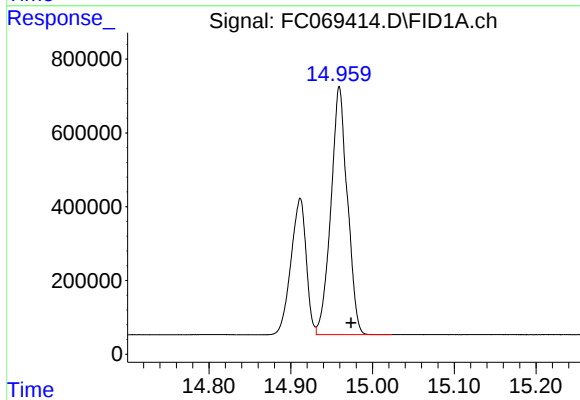
PB168768BS

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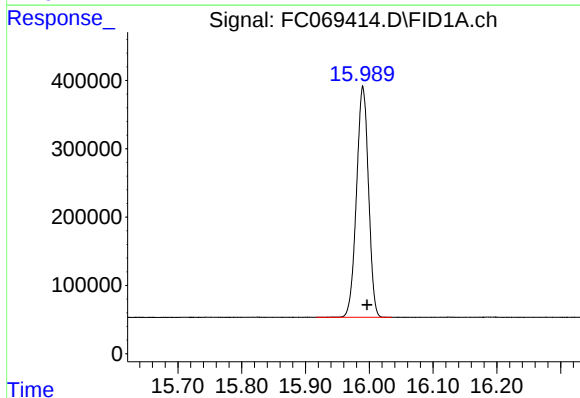
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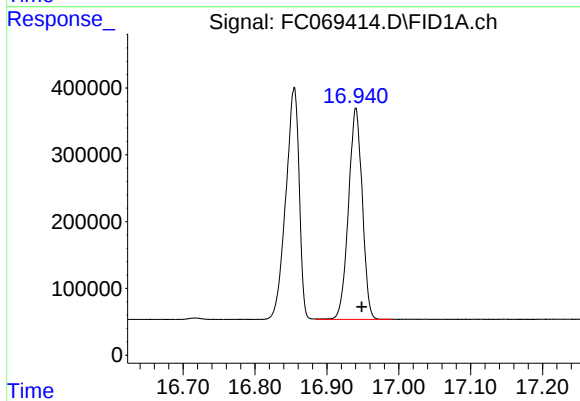
#14 n-Tetracosane (C24)

R.T.: 14.959 min
Delta R.T.: -0.014 min
Response: 9424047
Conc: 68.32 ug/ml



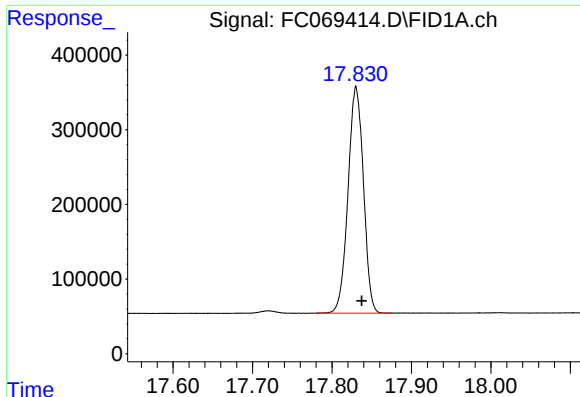
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: -0.006 min
Response: 4411600
Conc: 33.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.940 min
Delta R.T.: -0.008 min
Response: 4207120
Conc: 34.11 ug/ml



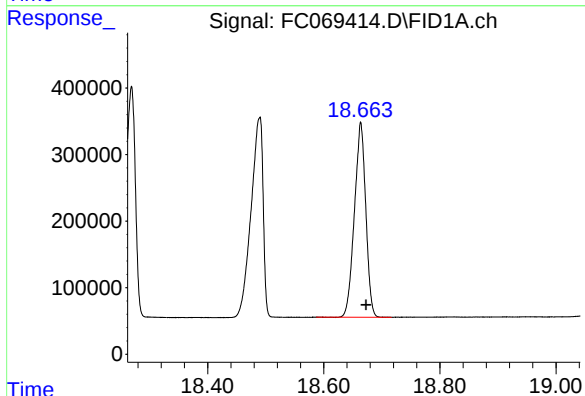
#17 n-Tricontane (C30)

R.T.: 17.830 min
Delta R.T.: -0.007 min
Response: 4080729
Conc: 34.33 ug/ml

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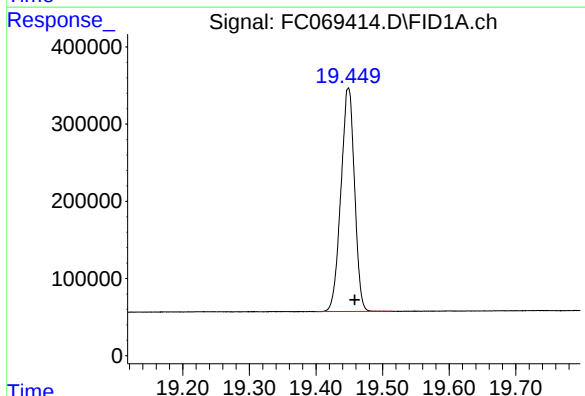
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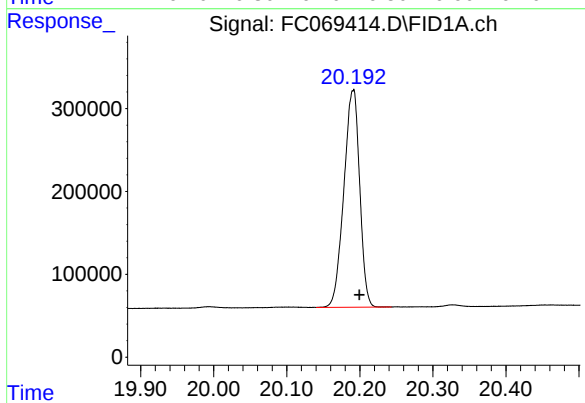
#18 n-Dotriacontane (C32)

R.T.: 18.664 min
Delta R.T.: -0.009 min
Response: 3974826
Conc: 36.35 ug/ml



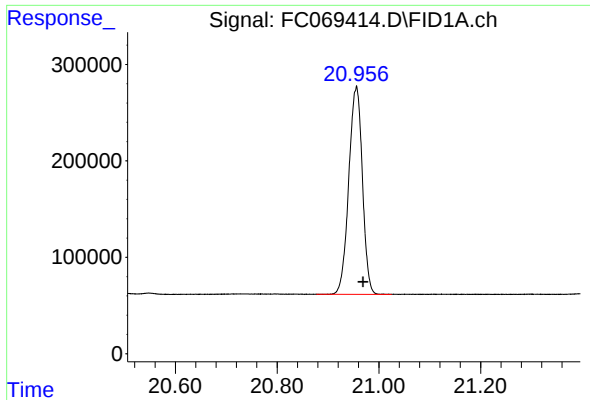
#19 n-Tetratriacontane (C34)

R.T.: 19.449 min
Delta R.T.: -0.010 min
Response: 4113450
Conc: 42.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.191 min
Delta R.T.: -0.009 min
Response: 3943699
Conc: 47.85 ug/ml



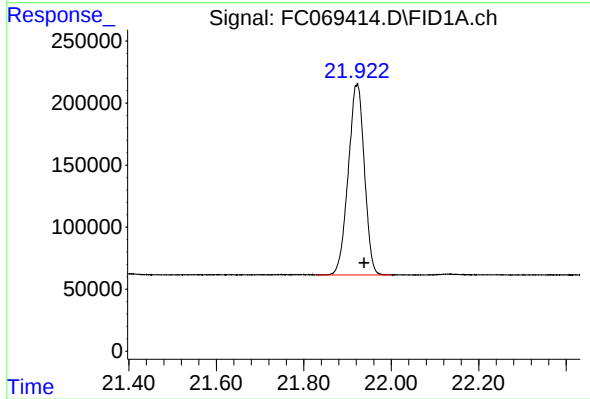
#21 n-Octatriacontane (C38)

R.T.: 20.956 min
Delta R.T.: -0.013 min
Response: 3992749
Conc: 53.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.922 min
Delta R.T.: -0.015 min
Response: 3935321
Conc: 55.57 ug/ml m