

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
 Data File : FC069262.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2025 10:03
 Operator : YP/AJ
 Sample : PB168591BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168591BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
 Quant Time: Jun 25 00:38:50 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			
12) S 1-chlorooctadecane (S...	13.117	5644041	43.202 ug/ml
Spiked Amount 50.000		Recovery =	86.40%
Target Compounds			
1) T n-Nonane (C9)	3.410	3459455	24.325 ug/ml
2) T n-Decane (C10)	4.482	4635177	31.662 ug/ml
4) T n-Dodecane (C12)	6.508	5734020	37.867 ug/ml
6) T n-Tetradecane (C14)	8.308	6447102	41.593 ug/ml
7) T n-Hexadecane (C16)	9.914	6723672	41.145 ug/ml
8) T n-Octadecane (C18)	11.359	6780305	41.528 ug/ml
10) T n-Eicosane (C20)	12.671	7161008	46.914 ug/ml
11) T n-Heneicosane (C21)	13.284	6819766	46.269 ug/ml
13) T n-Docosane (C22)	13.870	6714984	46.670 ug/ml
14) T n-Tetracosane (C24)	14.976	6474987	46.944 ug/ml
15) T n-Hexacosane (C26)	15.998	6179991	47.275 ug/ml
16) T n-Octacosane (C28)	16.949	5902337	47.859 ug/ml
17) T n-Tricontane (C30)	17.839	5671412	47.706 ug/ml
18) T n-Dotriacontane (C32)	18.673	5393112	49.325 ug/ml
19) T n-Tetratriacontane (C34)	19.459	5091159	52.722 ug/ml
20) T n-Hexatriacontane (C36)	20.200	4757377	57.726 ug/ml
21) T n-Octatriacontane (C38)	20.969	4598573	61.535 ug/ml
22) T n-Tetracontane (C40)	21.936	4483346	63.310 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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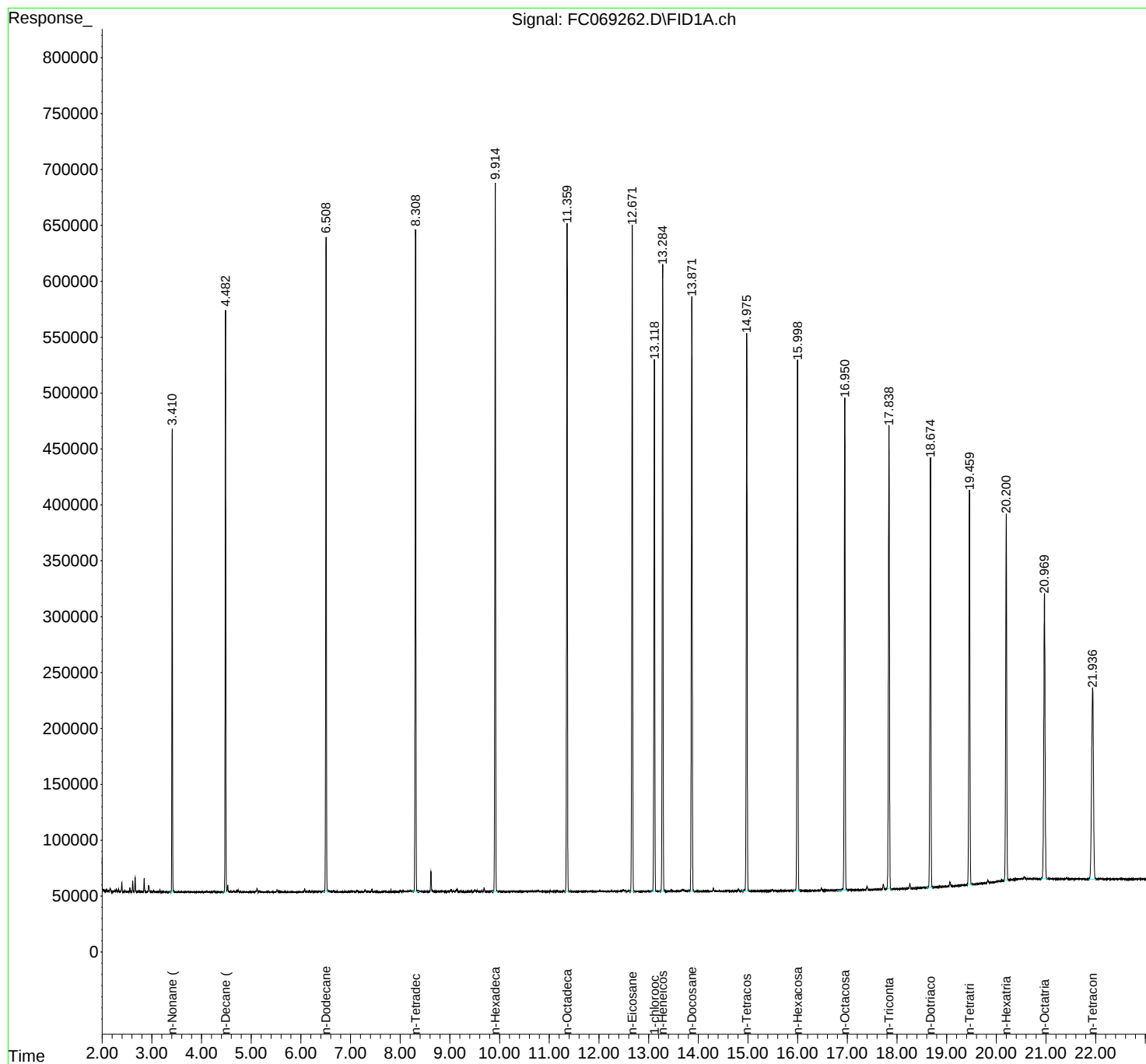
Response via : Initial Calibration

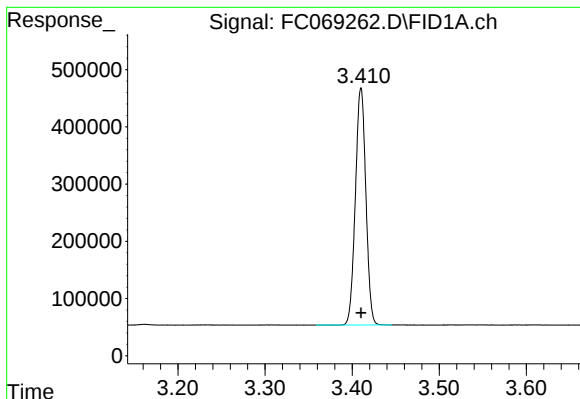
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





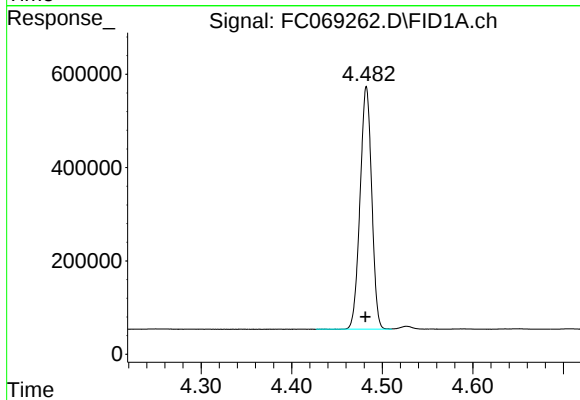
#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 3459455
Conc: 24.32 ug/ml

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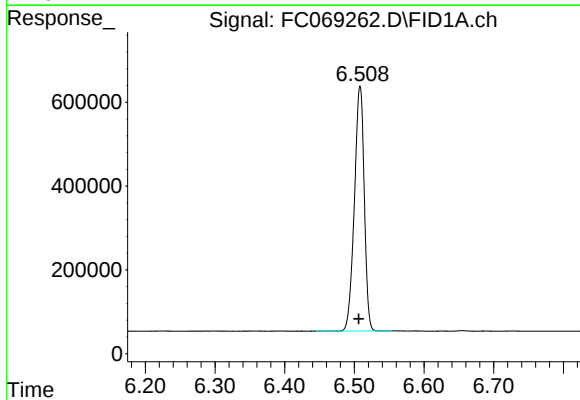
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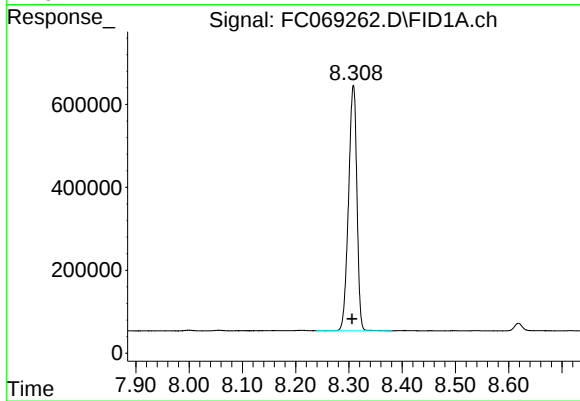
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: 0.001 min
Response: 4635177
Conc: 31.66 ug/ml



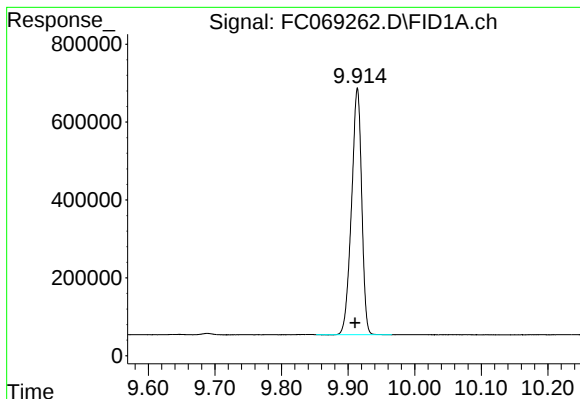
#4 n-Dodecane (C12)

R.T.: 6.508 min
Delta R.T.: 0.002 min
Response: 5734020
Conc: 37.87 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: 0.002 min
Response: 6447102
Conc: 41.59 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.003 min
Response: 6723672
Conc: 41.14 ug/ml

Instrument :

FID_C

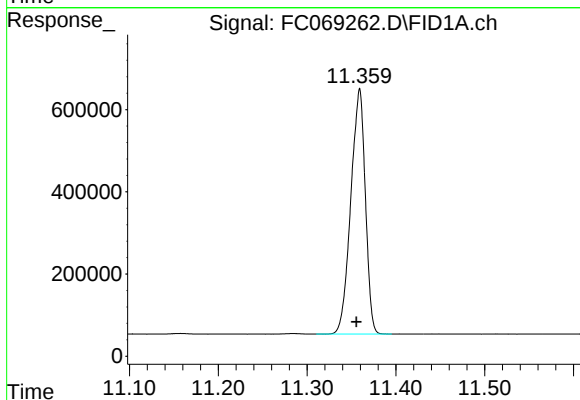
ClientSampleId :

PB168591BS

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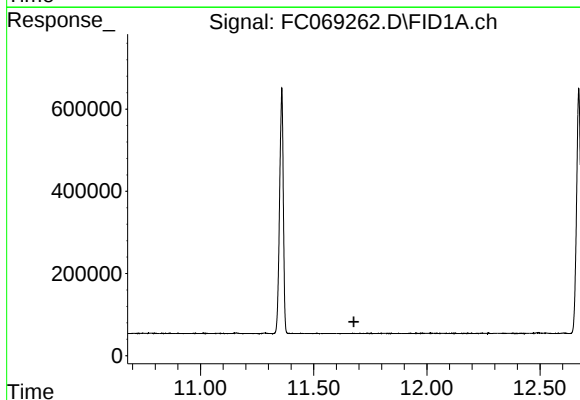
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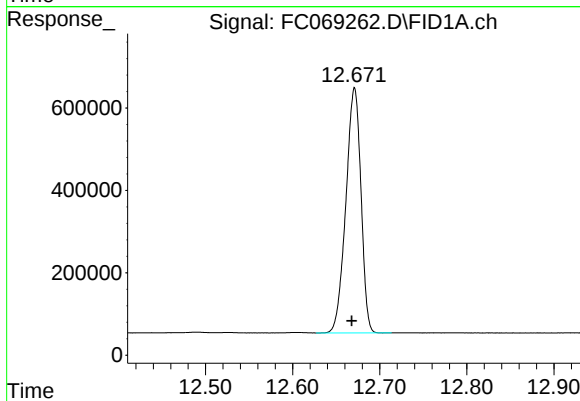
#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: 0.003 min
Response: 6780305
Conc: 41.53 ug/ml



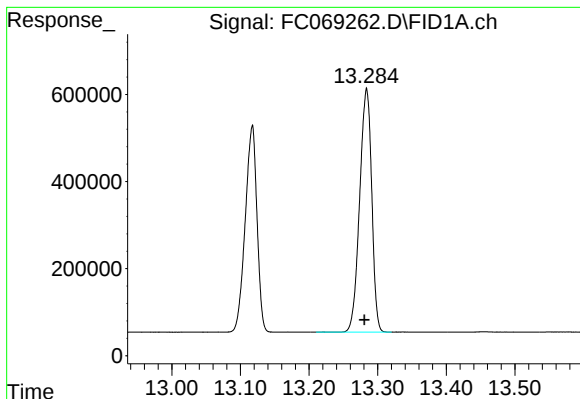
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.678 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: 0.003 min
Response: 7161008
Conc: 46.91 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: 0.003 min
Response: 6819766
Conc: 46.27 ug/ml

Instrument :

FID_C

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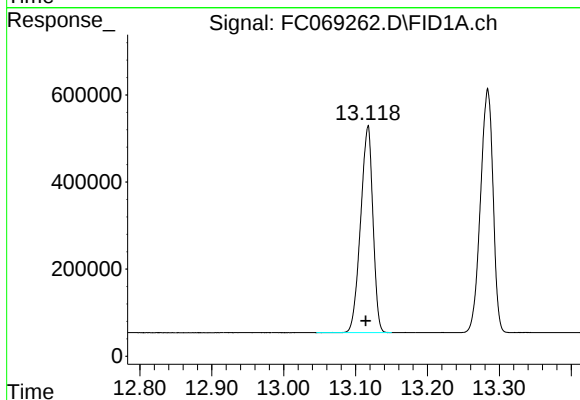
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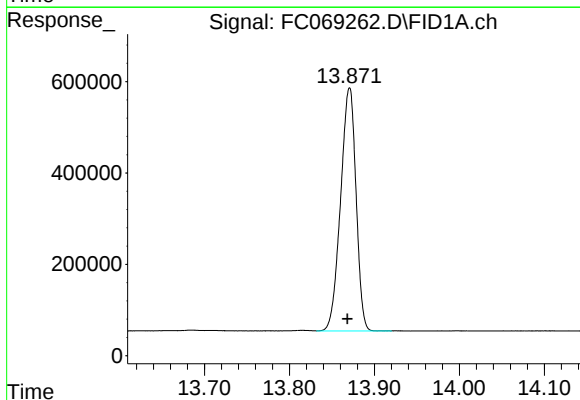
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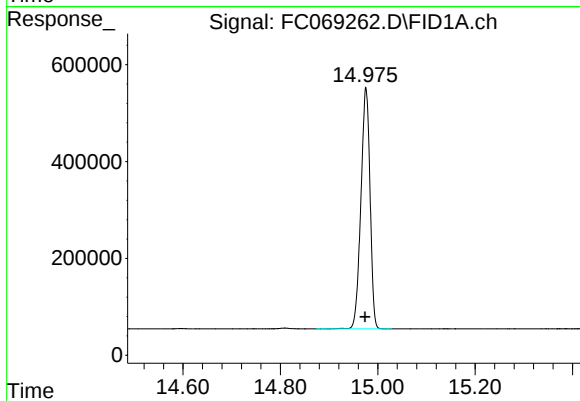
#12 1-chlorooctadecane (SURR)

R.T.: 13.117 min
Delta R.T.: 0.002 min
Response: 5644041
Conc: 43.20 ug/ml



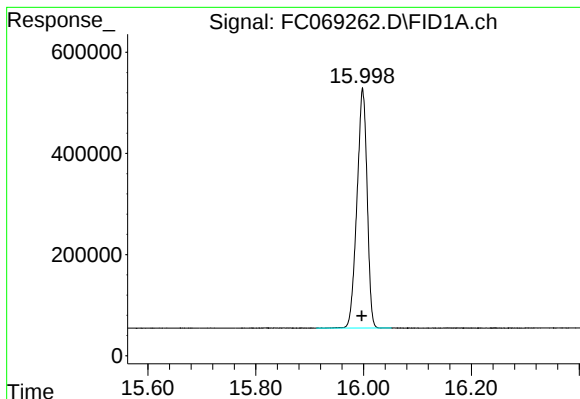
#13 n-Docosane (C22)

R.T.: 13.870 min
Delta R.T.: 0.002 min
Response: 6714984
Conc: 46.67 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.976 min
Delta R.T.: 0.002 min
Response: 6474987
Conc: 46.94 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: 0.002 min
Response: 6179991
Conc: 47.28 ug/ml

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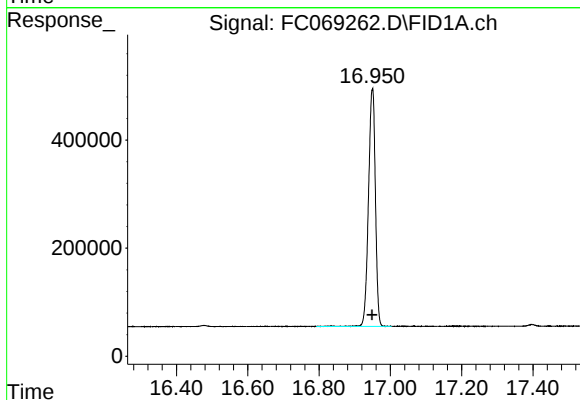
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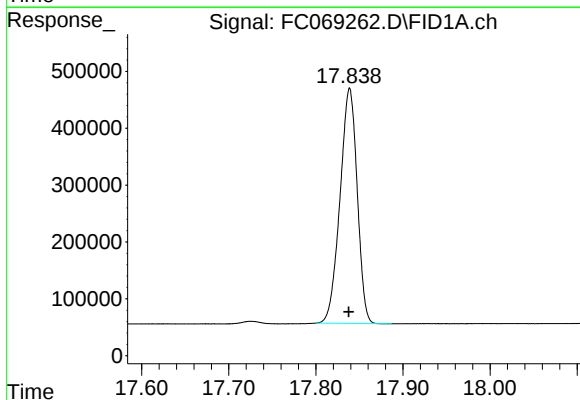
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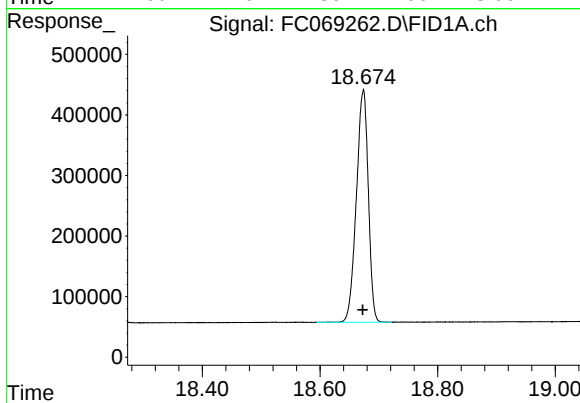
#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: 0.000 min
Response: 5902337
Conc: 47.86 ug/ml



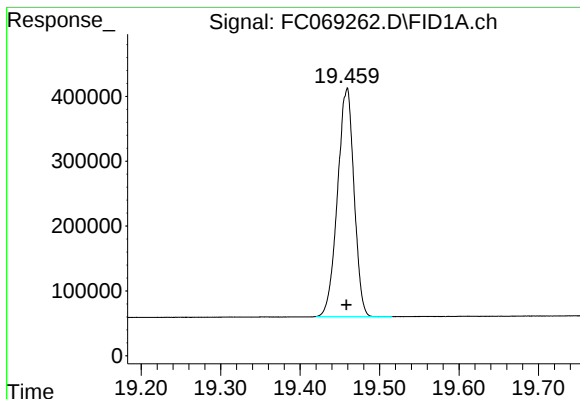
#17 n-Tricontane (C30)

R.T.: 17.839 min
Delta R.T.: 0.001 min
Response: 5671412
Conc: 47.71 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.673 min
Delta R.T.: 0.000 min
Response: 5393112
Conc: 49.33 ug/ml



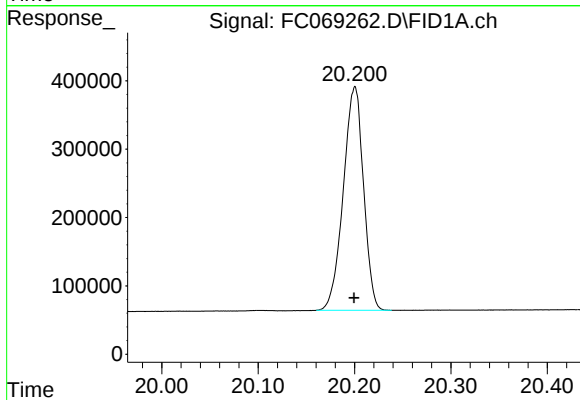
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: 0.000 min
Response: 5091159
Conc: 52.72 ug/ml

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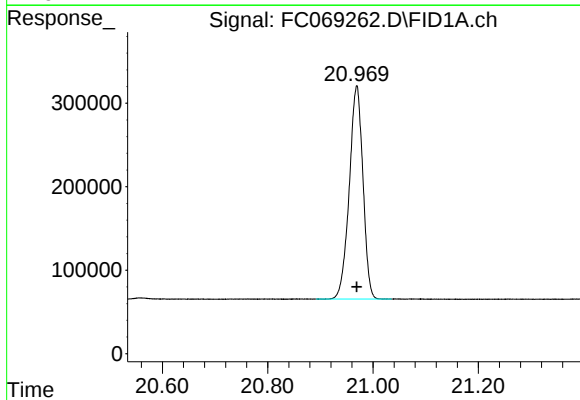
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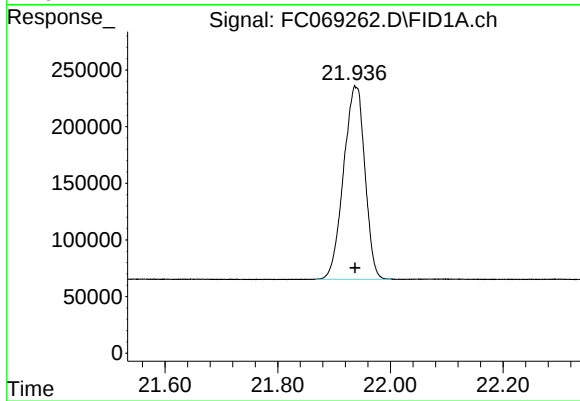
#20 n-Hexatriacontane (C36)

R.T.: 20.200 min
Delta R.T.: 0.000 min
Response: 4757377
Conc: 57.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.969 min
Delta R.T.: 0.000 min
Response: 4598573
Conc: 61.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: -0.001 min
Response: 4483346
Conc: 63.31 ug/ml m