

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100825AL\
 Data File : FC069954.D
 Signal(s) : FID1A.ch
 Acq On : 07 Oct 2025 19:20
 Operator : YP/AJ
 Sample : Q3297-11MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2025
 Supervised By :mohammad ahmed 10/09/2025

Integration File: sample.E
 Quant Time: Oct 08 06:08:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.647	5284962	30.096 ug/ml
Spiked Amount 50.000		Recovery =	60.19%
12) S 1-chlorooctadecane (S...	13.081	4530005	33.372 ug/ml
Spiked Amount 50.000		Recovery =	66.74%
Target Compounds			
1) T n-Nonane (C9)	3.389	6098853	44.414 ug/ml
2) T n-Decane (C10)	4.460	7478609	52.021 ug/ml
3) T A~Naphthalene (C11.7)	6.052	9631264	59.593 ug/ml
4) T n-Dodecane (C12)	6.482	9676451	63.131 ug/ml
5) T A~2-methylnaphthalene...	7.112	10527631	65.983 ug/ml
6) T n-Tetradecane (C14)	8.284	11766733	73.984 ug/ml
7) T n-Hexadecane (C16)	9.886	12910816	76.613 ug/ml
8) T n-Octadecane (C18)	11.330	13100851	77.005 ug/ml
10) T n-Eicosane (C20)	12.643	12968913	80.837 ug/ml
11) T n-Heneicosane (C21)	13.254	12513174	80.588 ug/ml
13) T n-Docosane (C22)	13.840	12211450	79.349 ug/ml
14) T n-Tetracosane (C24)	14.943	22028772	145.279 ug/ml
15) T n-Hexacosane (C26)	15.970	10914774	75.410 ug/ml
16) T n-Octacosane (C28)	16.916	10401233	75.206 ug/mlm
17) T n-Tricontane (C30)	17.810	9791537	71.715 ug/ml
18) T n-Dotriacontane (C32)	18.638	9294401	72.087 ug/ml
19) T n-Tetratriacontane (C34)	19.422	8909231	78.083 ug/ml
20) T n-Hexatriacontane (C36)	20.161	8150325	84.275 ug/ml
21) T n-Octatriacontane (C38)	20.922	7854587	90.118 ug/ml
22) T n-Tetracontane (C40)	21.876	7622008	92.767 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

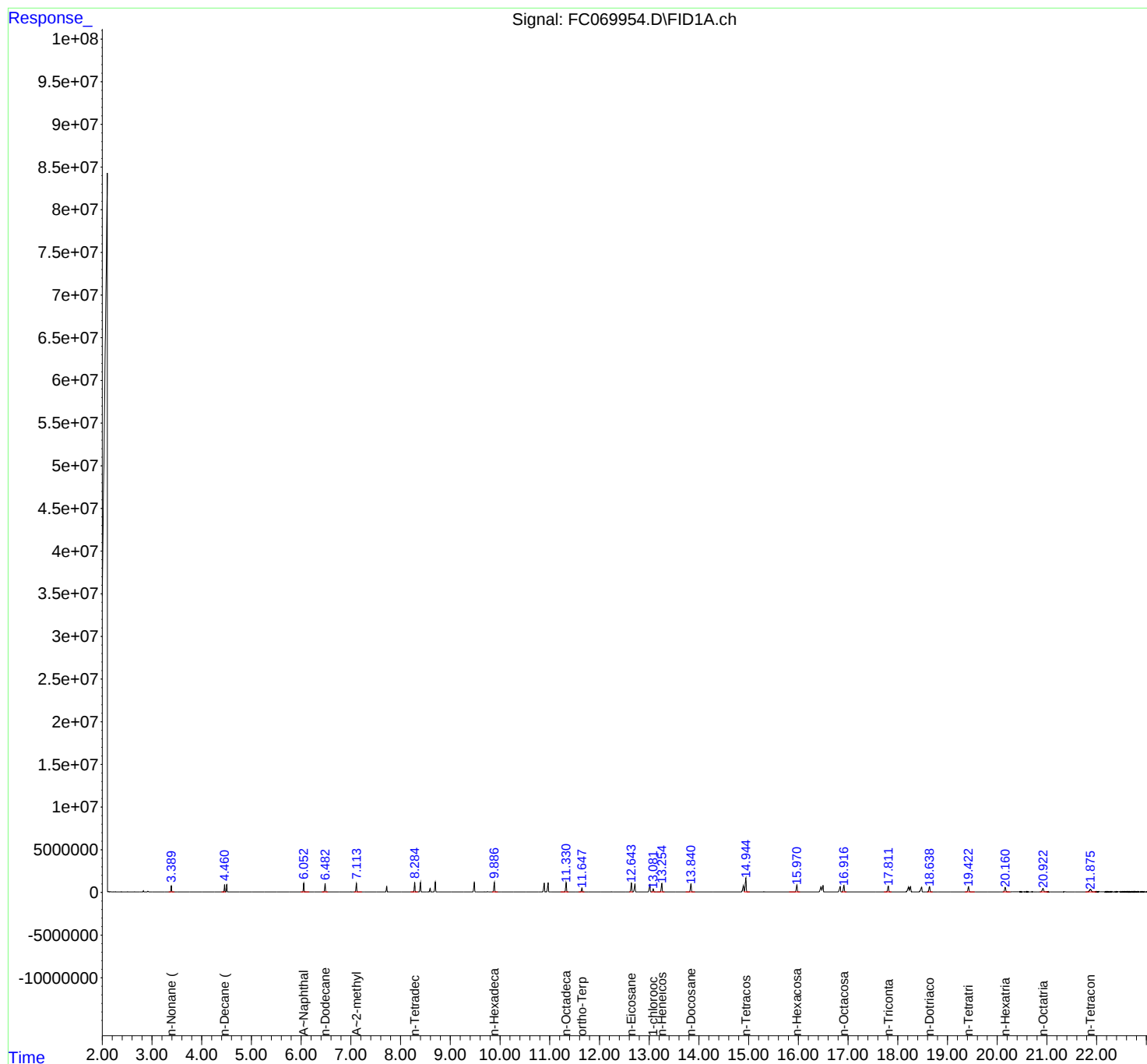
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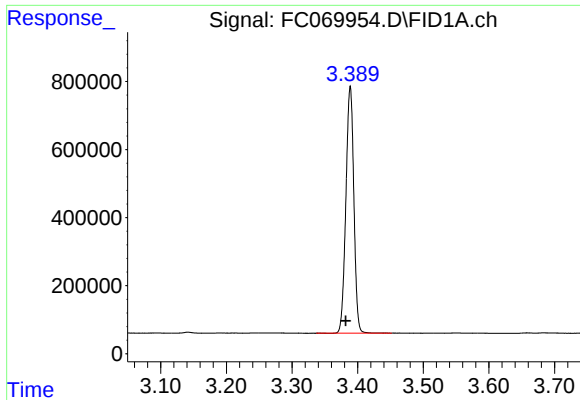
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.389 min
Delta R.T.: 0.007 min
Response: 6098853
Conc: 44.41 ug/ml

Instrument :

FID_C

ClientSampleId :

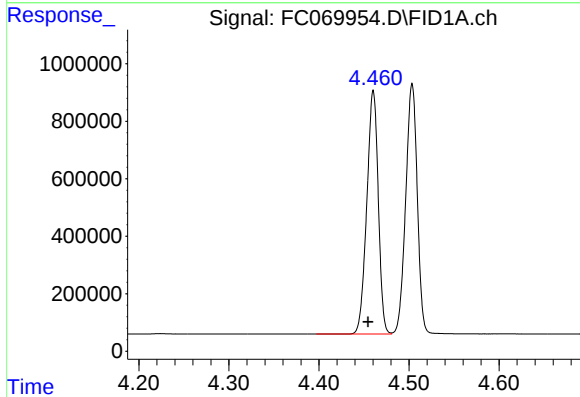
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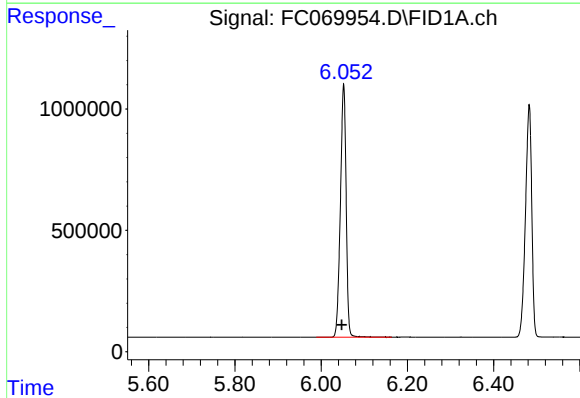
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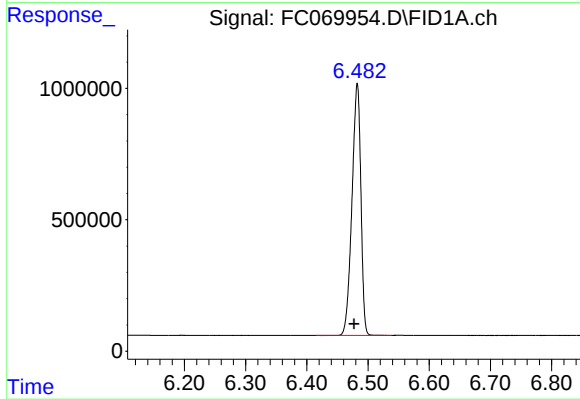
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: 0.006 min
Response: 7478609
Conc: 52.02 ug/ml



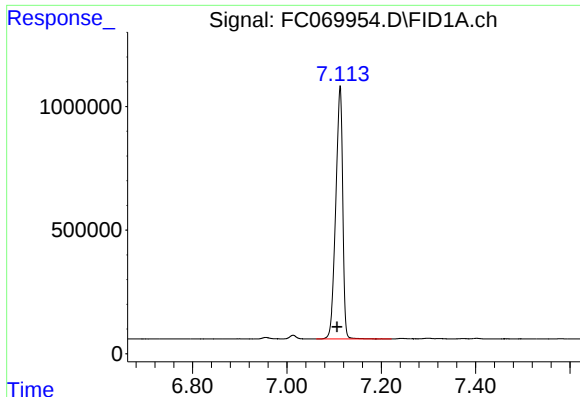
#3 A~Naphthalene (C11.7)

R.T.: 6.052 min
Delta R.T.: 0.004 min
Response: 9631264
Conc: 59.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.482 min
Delta R.T.: 0.005 min
Response: 9676451
Conc: 63.13 ug/ml



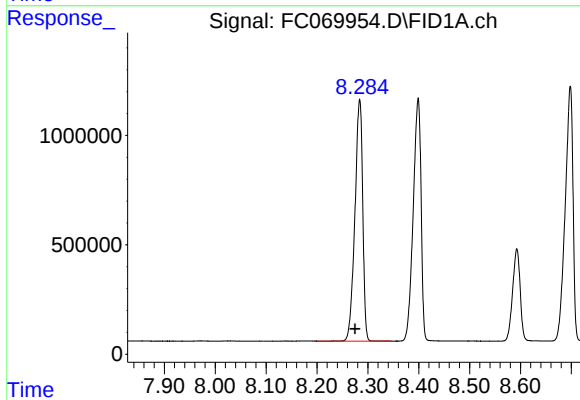
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.112 min
Delta R.T.: 0.006 min
Response: 10527631
Conc: 65.98 ug/ml

Instrument :
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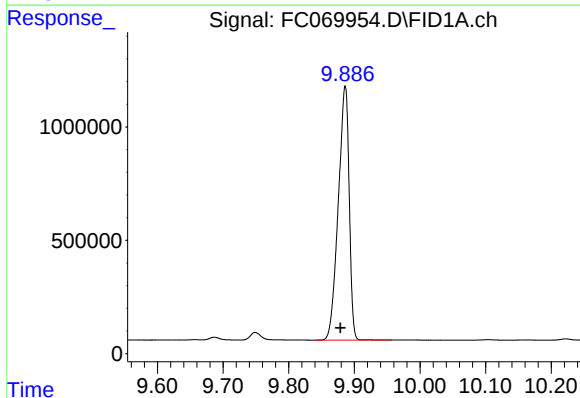
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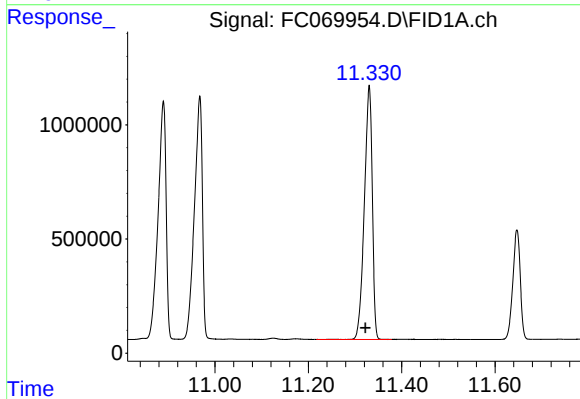
#6 n-Tetradecane (C14)

R.T.: 8.284 min
Delta R.T.: 0.009 min
Response: 11766733
Conc: 73.98 ug/ml



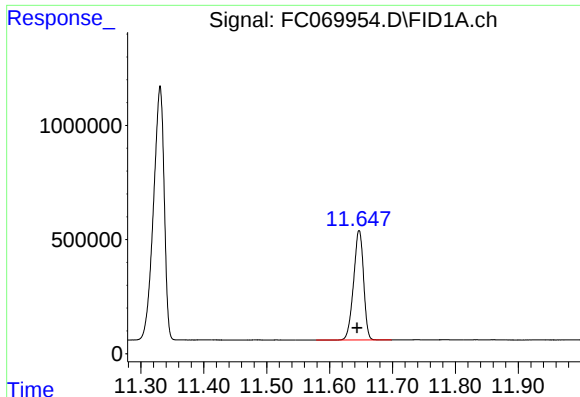
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: 0.007 min
Response: 12910816
Conc: 76.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.330 min
Delta R.T.: 0.008 min
Response: 13100851
Conc: 77.01 ug/ml



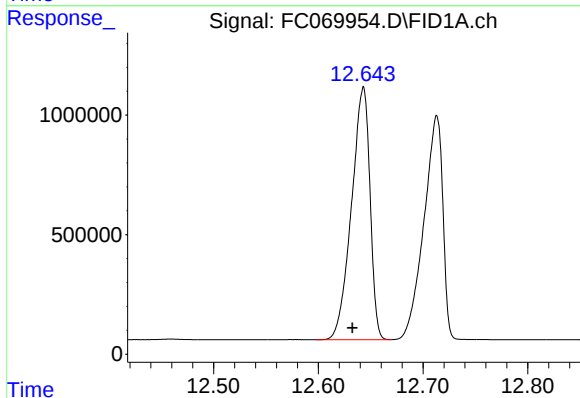
#9 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: 0.003 min
Response: 5284962
Conc: 30.10 ug/ml

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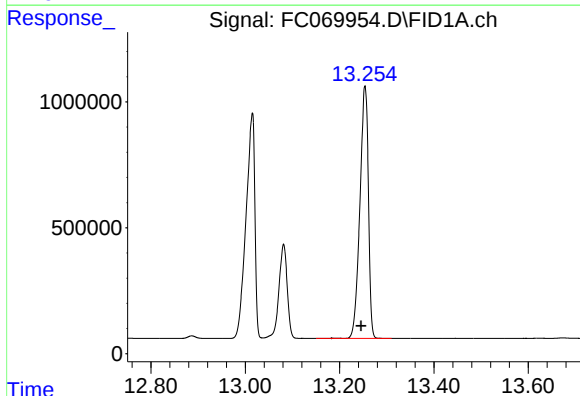
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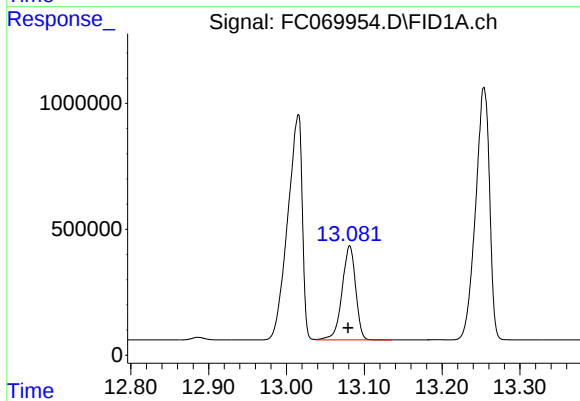
#10 n-Eicosane (C20)

R.T.: 12.643 min
Delta R.T.: 0.010 min
Response: 12968913
Conc: 80.84 ug/ml



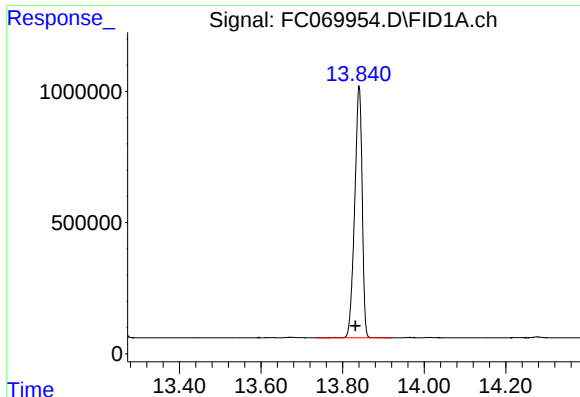
#11 n-Heneicosane (C21)

R.T.: 13.254 min
Delta R.T.: 0.009 min
Response: 12513174
Conc: 80.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.081 min
Delta R.T.: 0.002 min
Response: 4530005
Conc: 33.37 ug/ml



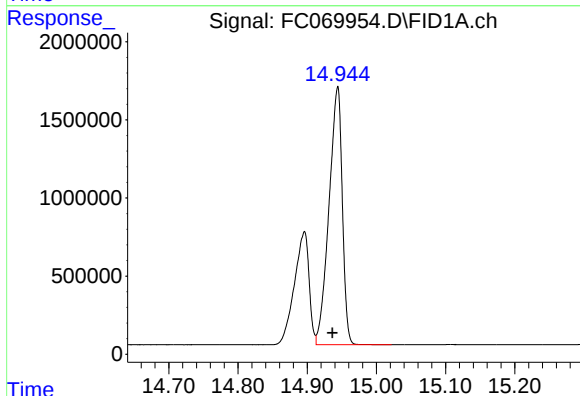
#13 n-Docosane (C22)

R.T.: 13.840 min
Delta R.T.: 0.009 min
Response: 12211450
Conc: 79.35 ug/ml

Instrument :
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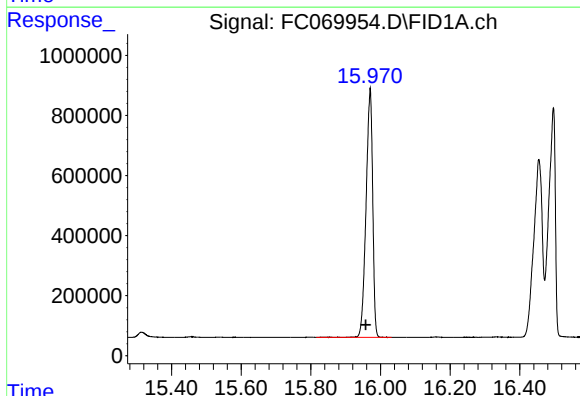
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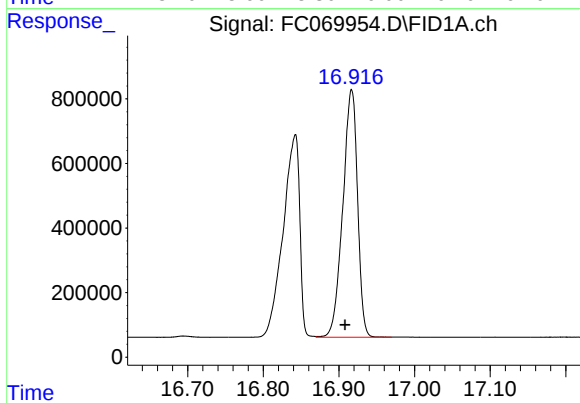
#14 n-Tetracosane (C24)

R.T.: 14.943 min
Delta R.T.: 0.007 min
Response: 22028772
Conc: 145.28 ug/ml



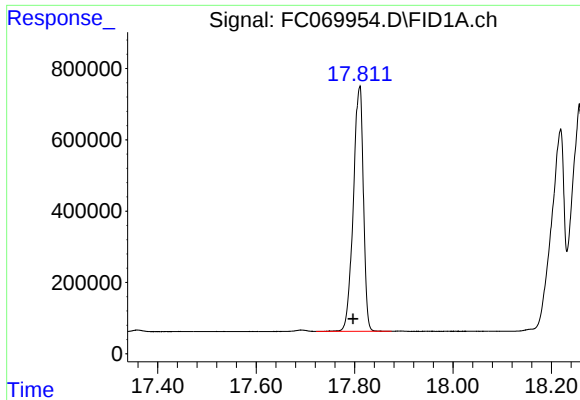
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: 0.012 min
Response: 10914774
Conc: 75.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.916 min
Delta R.T.: 0.008 min
Response: 10401233
Conc: 75.21 ug/ml m



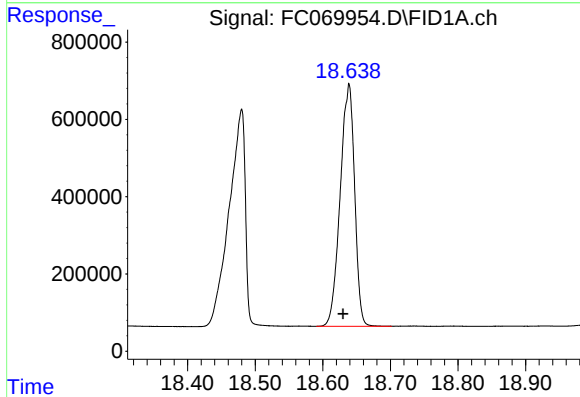
#17 n-Tricontane (C30)

R.T.: 17.810 min
Delta R.T.: 0.013 min
Response: 9791537
Conc: 71.72 ug/ml

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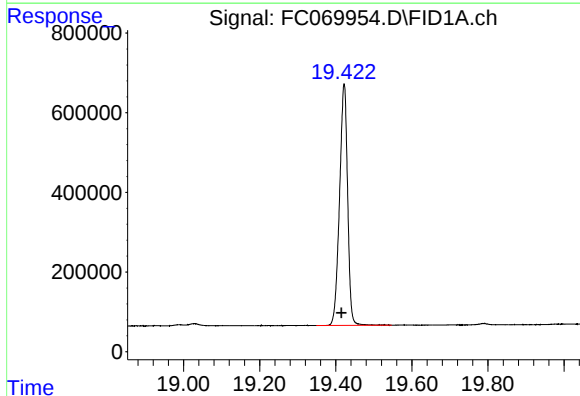
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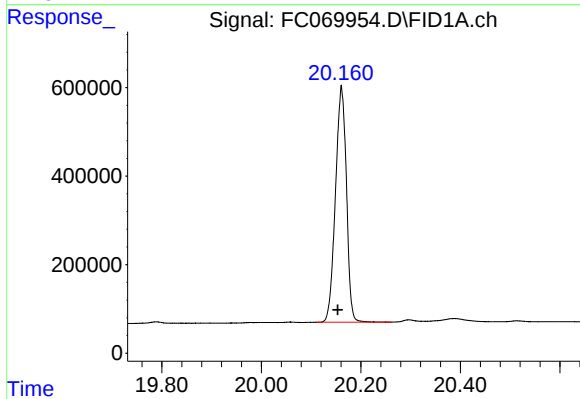
#18 n-Dotriacontane (C32)

R.T.: 18.638 min
Delta R.T.: 0.008 min
Response: 9294401
Conc: 72.09 ug/ml



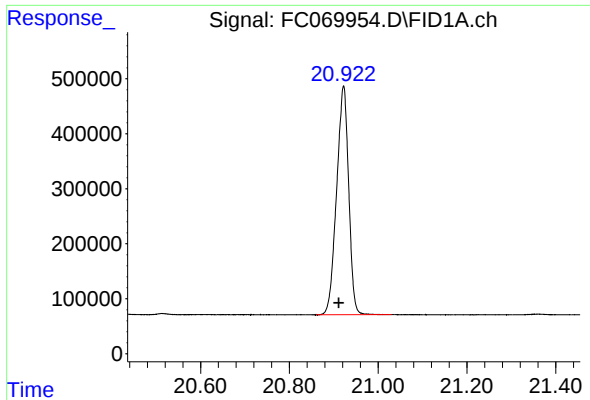
#19 n-Tetratriacontane (C34)

R.T.: 19.422 min
Delta R.T.: 0.007 min
Response: 8909231
Conc: 78.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.161 min
Delta R.T.: 0.008 min
Response: 8150325
Conc: 84.28 ug/ml



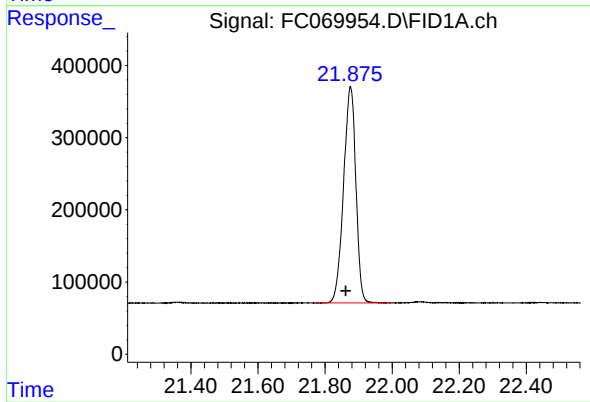
#21 n-Octatriacontane (C38)

R.T.: 20.922 min
Delta R.T.: 0.010 min
Response: 7854587
Conc: 90.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.876 min
Delta R.T.: 0.014 min
Response: 7622008
Conc: 92.77 ug/ml