

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100125AL\
 Data File : FC069885.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2025 17:05
 Operator : YP/AJ
 Sample : PB169910BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169910BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File: autoint1.e
 Quant Time: Oct 01 04:12:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 Qlast Update : Tue Sep 23 14:56:40 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)	11.652	6971587	37.222 ug/ml
Spiked Amount 50.000		Recovery =	74.44%
12) S 1-chlorooctadecane (S...	13.086	5636596	35.693 ug/ml
Spiked Amount 50.000		Recovery =	71.39%
Target Compounds			
1) T n-Nonane (C9)	3.401	7168235	55.918 ug/ml
2) T n-Decane (C10)	4.468	7799623	58.697 ug/ml
3) T A~Naphthalene (C11.7)	6.057	8943448	60.246 ug/ml
4) T n-Dodecane (C12)	6.486	8492977	60.883 ug/ml
5) T A~2-methylnaphthalene...	7.115	8516673	57.684 ug/ml
6) T n-Tetradecane (C14)	8.286	8813336	59.421 ug/ml
7) T n-Hexadecane (C16)	9.887	9289493	56.291 ug/ml
8) T n-Octadecane (C18)	11.331	9324664	52.321 ug/ml
10) T n-Eicosane (C20)	12.643	9532879	52.927 ug/ml
11) T n-Heneicosane (C21)	13.254	9060011	50.246 ug/ml
13) T n-Docosane (C22)	13.842	8873585	48.843 ug/ml
14) T n-Tetracosane (C24)	14.942	16703230	90.777 ug/ml
15) T n-Hexacosane (C26)	15.970	8137421	44.819 ug/ml
16) T n-Octacosane (C28)	16.918	7697017	43.602 ug/mlm
17) T n-Tricontane (C30)	17.808	7488977	42.787 ug/ml
18) T n-Dotriacontane (C32)	18.639	6904651	42.678 ug/mlm
19) T n-Tetratriacontane (C34)	19.422	6802679	48.676 ug/ml
20) T n-Hexatriacontane (C36)	20.161	5917928	52.418 ug/ml
21) T n-Octatriacontane (C38)	20.922	5456859	56.567 ug/mlm
22) T n-Tetracontane (C40)	21.873	5096034	59.169 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100125AL\
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Operator : YP/AJ
Sample : PB169910BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

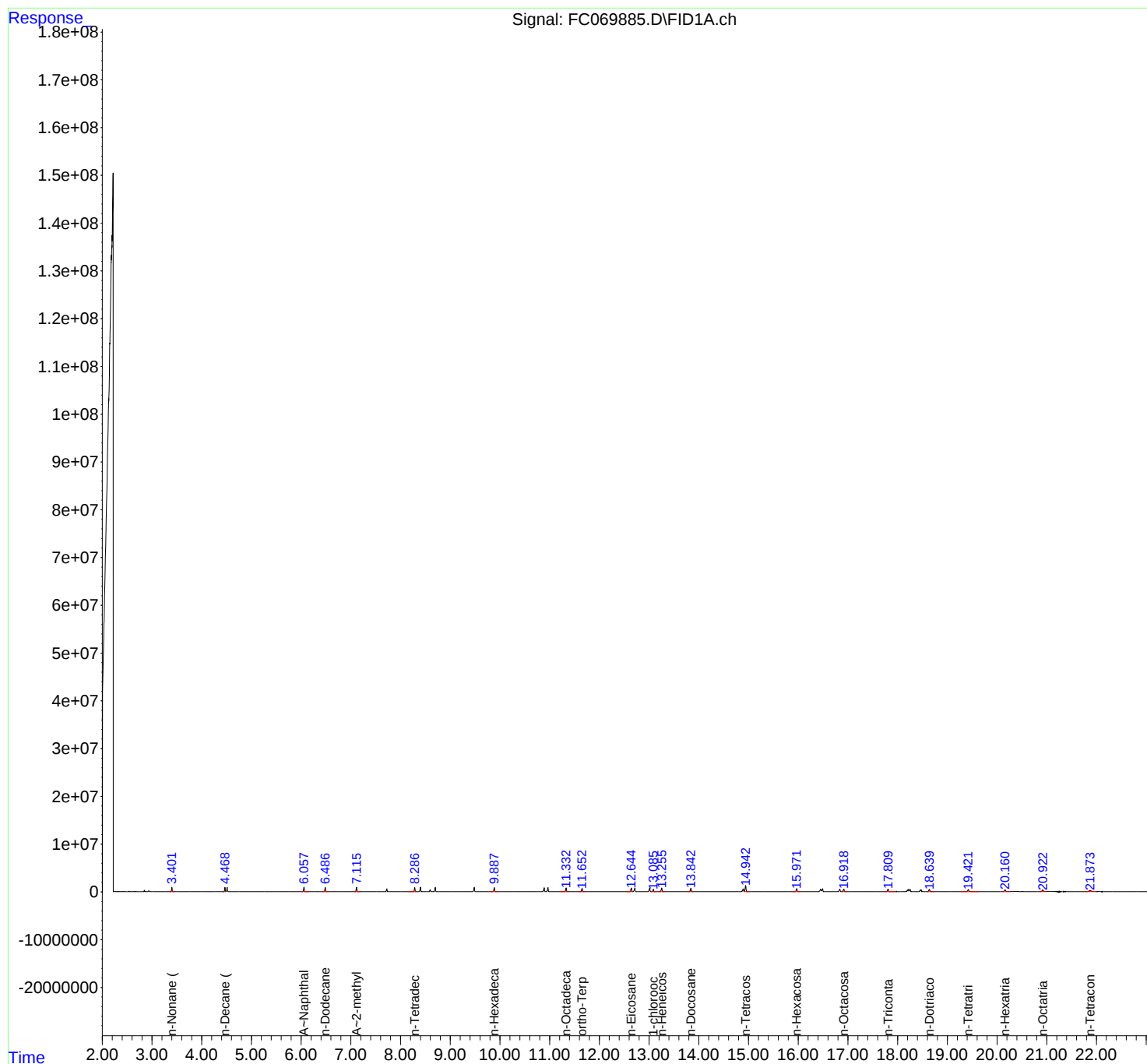
Instrument :
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PB169910BSD

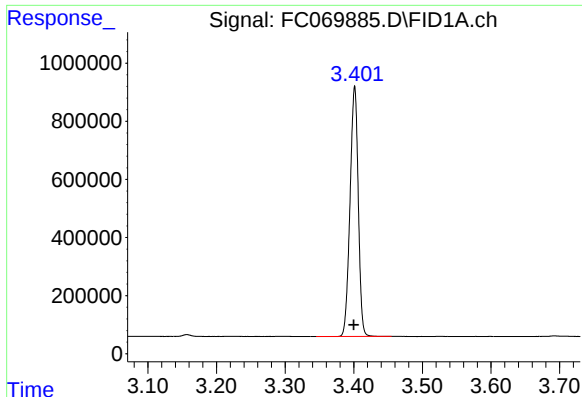
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#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: 0.001 min
Response: 7168235
Conc: 55.92 ug/ml

Instrument :

FID_C

ClientSampleId :

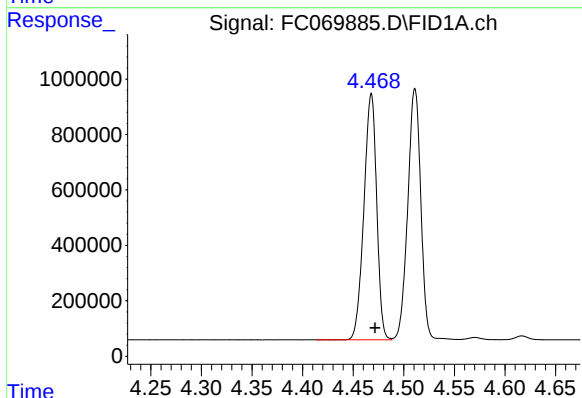
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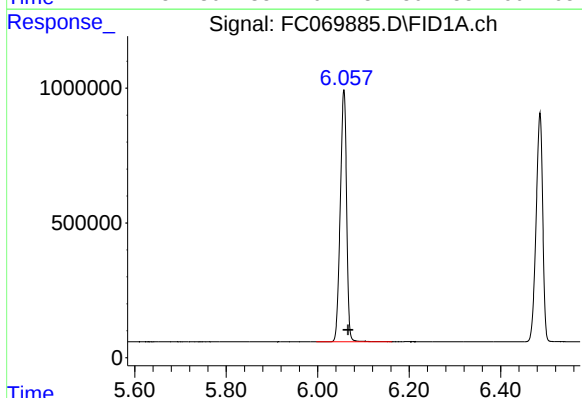
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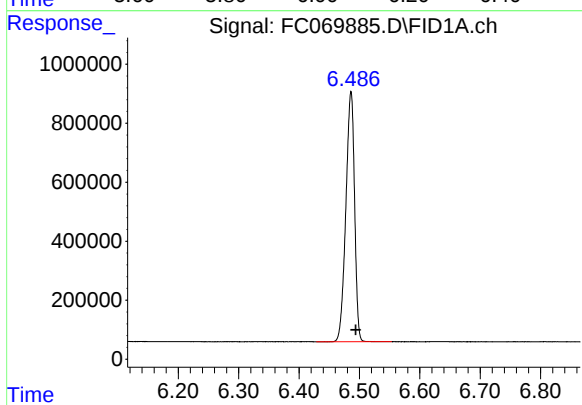
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.004 min
Response: 7799623
Conc: 58.70 ug/ml



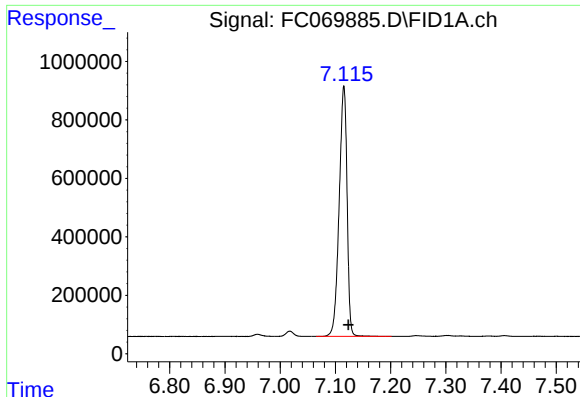
#3 A~Naphthalene (C11.7)

R.T.: 6.057 min
Delta R.T.: -0.009 min
Response: 8943448
Conc: 60.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.486 min
Delta R.T.: -0.008 min
Response: 8492977
Conc: 60.88 ug/ml



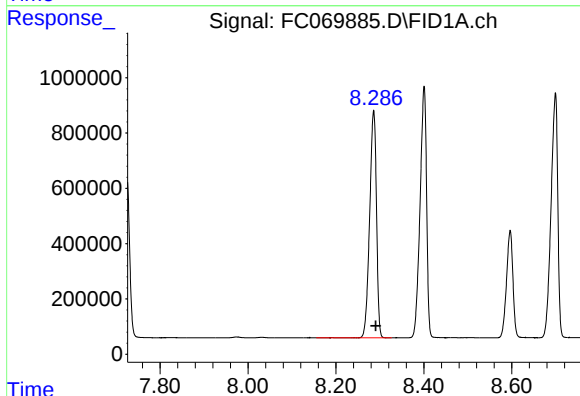
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: -0.009 min
Response: 8516673
Conc: 57.68 ug/ml

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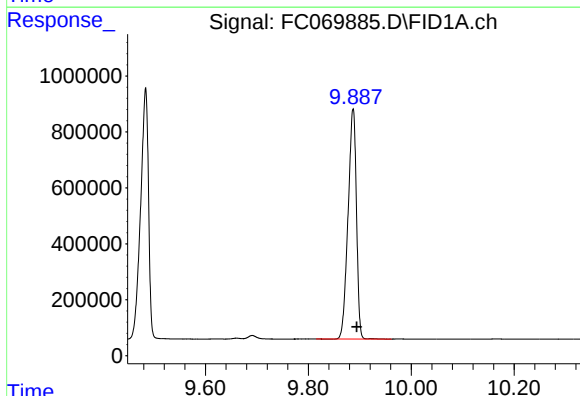
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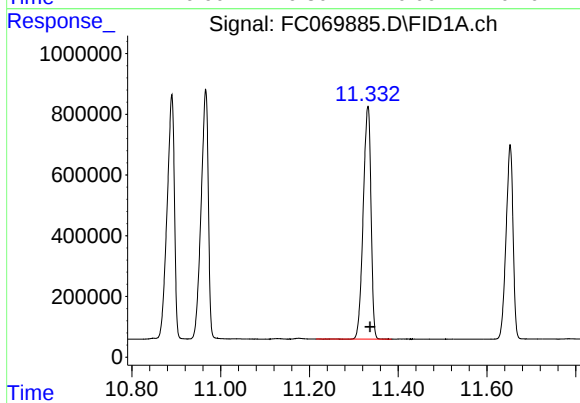
#6 n-Tetradecane (C14)

R.T.: 8.286 min
Delta R.T.: -0.005 min
Response: 8813336
Conc: 59.42 ug/ml



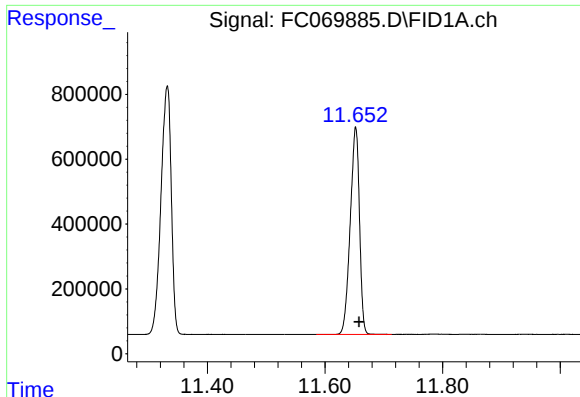
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.007 min
Response: 9289493
Conc: 56.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 9324664
Conc: 52.32 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.652 min
Delta R.T.: -0.006 min
Response: 6971587
Conc: 37.22 ug/ml

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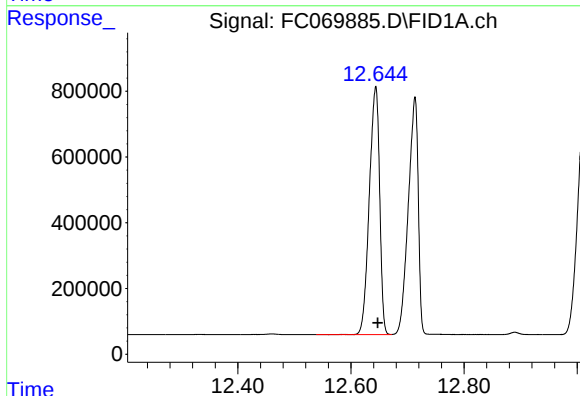
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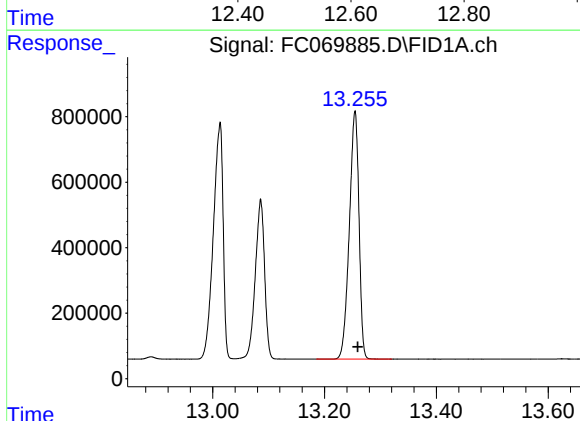
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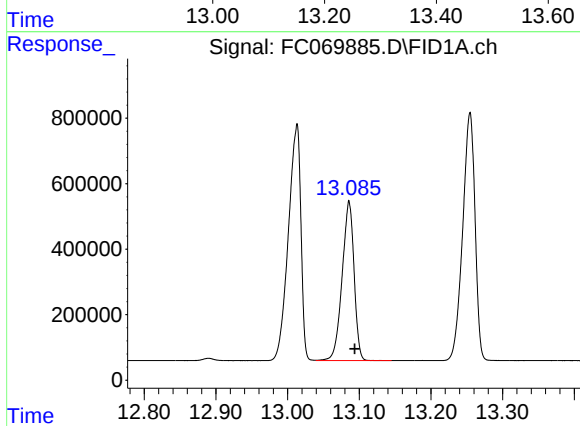
#10 n-Eicosane (C20)

R.T.: 12.643 min
Delta R.T.: -0.004 min
Response: 9532879
Conc: 52.93 ug/ml



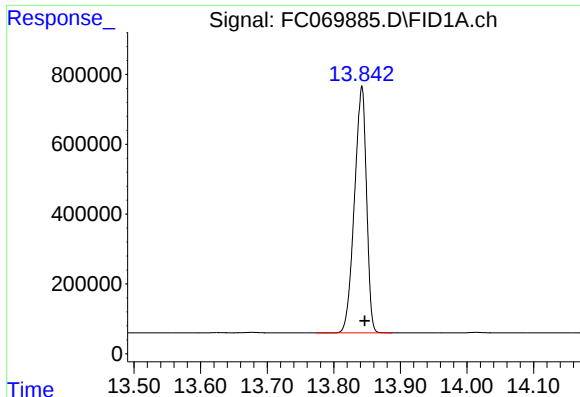
#11 n-Heneicosane (C21)

R.T.: 13.254 min
Delta R.T.: -0.005 min
Response: 9060011
Conc: 50.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.086 min
Delta R.T.: -0.008 min
Response: 5636596
Conc: 35.69 ug/ml



#13 n-Docosane (C22)

R.T.: 13.842 min
Delta R.T.: -0.005 min
Response: 8873585
Conc: 48.84 ug/ml

Instrument :

FID_C

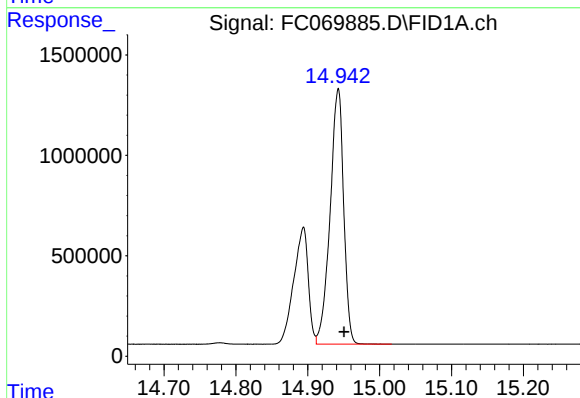
ClientSampleId :

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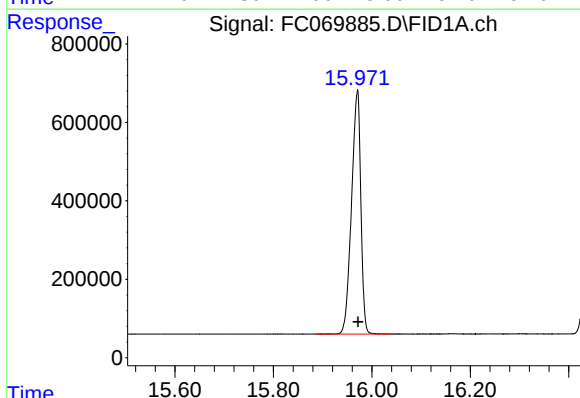
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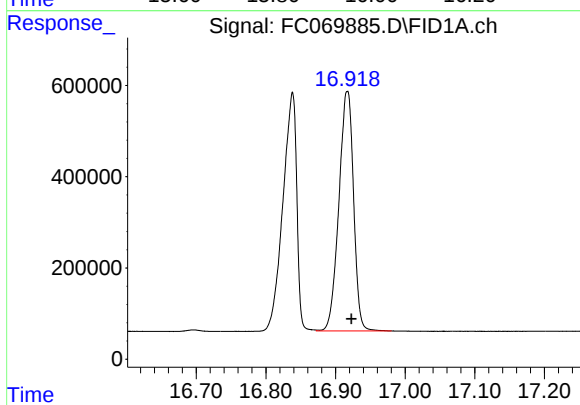
#14 n-Tetracosane (C24)

R.T.: 14.942 min
Delta R.T.: -0.008 min
Response: 16703230
Conc: 90.78 ug/ml



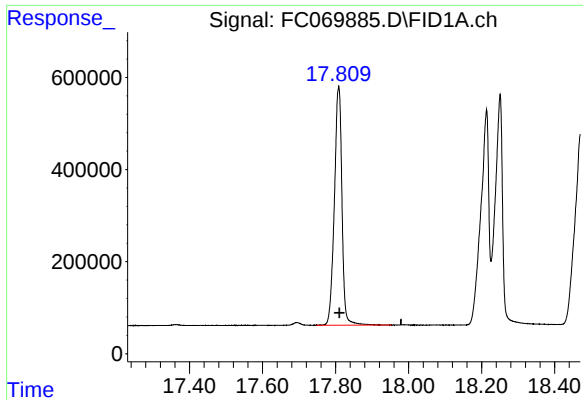
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: -0.002 min
Response: 8137421
Conc: 44.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.918 min
Delta R.T.: -0.005 min
Response: 7697017
Conc: 43.60 ug/ml m



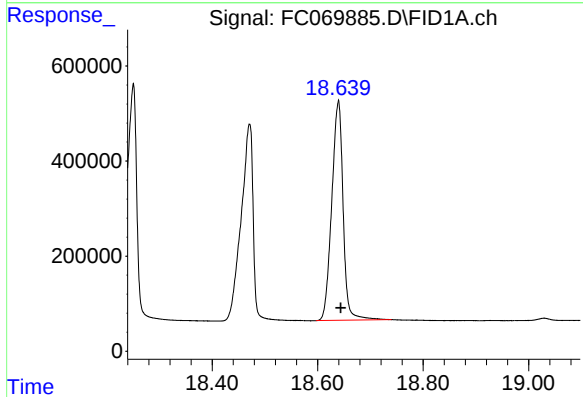
#17 n-Tricontane (C30)

R.T.: 17.808 min
Delta R.T.: -0.002 min
Response: 7488977
Conc: 42.79 ug/ml

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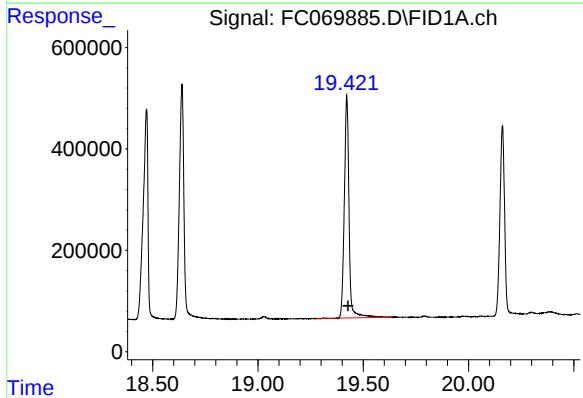
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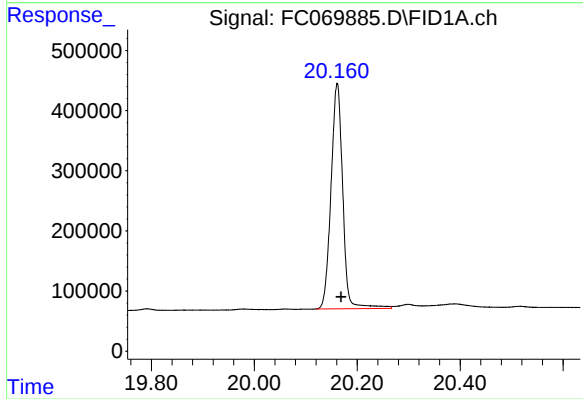
#18 n-Dotriacontane (C32)

R.T.: 18.639 min
Delta R.T.: -0.004 min
Response: 6904651
Conc: 42.68 ug/ml m



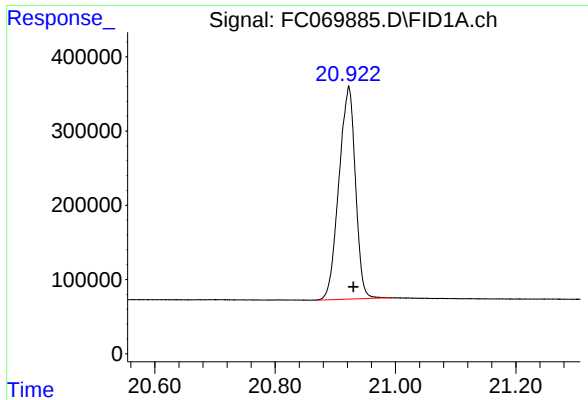
#19 n-Tetratriacontane (C34)

R.T.: 19.422 min
Delta R.T.: -0.006 min
Response: 6802679
Conc: 48.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.161 min
Delta R.T.: -0.007 min
Response: 5917928
Conc: 52.42 ug/ml



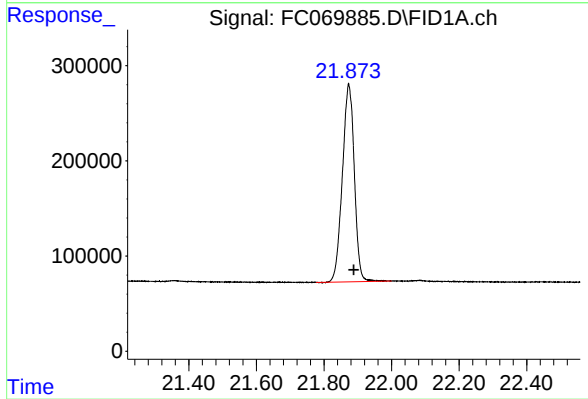
#21 n-Octatriacontane (C38)

R.T.: 20.922 min
Delta R.T.: -0.008 min
Response: 5456859
Conc: 56.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.873 min
Delta R.T.: -0.015 min
Response: 5096034
Conc: 59.17 ug/ml