

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110325AL\
 Data File : FC070125.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2025 16:56
 Operator : YP/AJ
 Sample : PB170385BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170385BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/04/2025
 Supervised By :Yogesh Patel 11/04/2025

Integration File: autoint1.e
 Quant Time: Nov 04 03:29:51 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)	11.640	5754284	32.769 ug/ml
Spiked Amount 50.000		Recovery =	65.54%
12) S 1-chlorooctadecane (S...	13.074	4601181	33.896 ug/ml
Spiked Amount 50.000		Recovery =	67.79%
Target Compounds			
1) T n-Nonane (C9)	3.394	4608664	33.562 ug/ml
2) T n-Decane (C10)	4.458	4889214	34.009 ug/ml
3) T A~Naphthalene (C11.7)	6.046	5721102	35.399 ug/ml
4) T n-Dodecane (C12)	6.474	5134996	33.502 ug/ml
5) T A~2-methylnaphthalene...	7.103	5250792	32.910 ug/ml
6) T n-Tetradecane (C14)	8.271	5146925	32.362 ug/ml
7) T n-Hexadecane (C16)	9.873	5176708	30.718 ug/ml
8) T n-Octadecane (C18)	11.317	5080716	29.864 ug/ml
10) T n-Eicosane (C20)	12.629	5072037	31.615 ug/ml
11) T n-Heneicosane (C21)	13.240	4788139	30.837 ug/ml
13) T n-Docosane (C22)	13.828	4665364	30.315 ug/ml
14) T n-Tetracosane (C24)	14.927	9069774	59.815 ug/ml
15) T n-Hexacosane (C26)	15.955	4281854	29.583 ug/ml
16) T n-Octacosane (C28)	16.904	4157609	30.061 ug/mlm
17) T n-Tricontane (C30)	17.795	4125598	30.217 ug/ml
18) T n-Dotriacontane (C32)	18.627	4044524	31.369 ug/mlm
19) T n-Tetratriacontane (C34)	19.412	4038319	35.393 ug/ml
20) T n-Hexatriacontane (C36)	20.155	3502305	36.214 ug/mlm
21) T n-Octatriacontane (C38)	20.910	2845227	32.644 ug/mlm
22) T n-Tetracontane (C40)	21.860	2140237	26.049 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

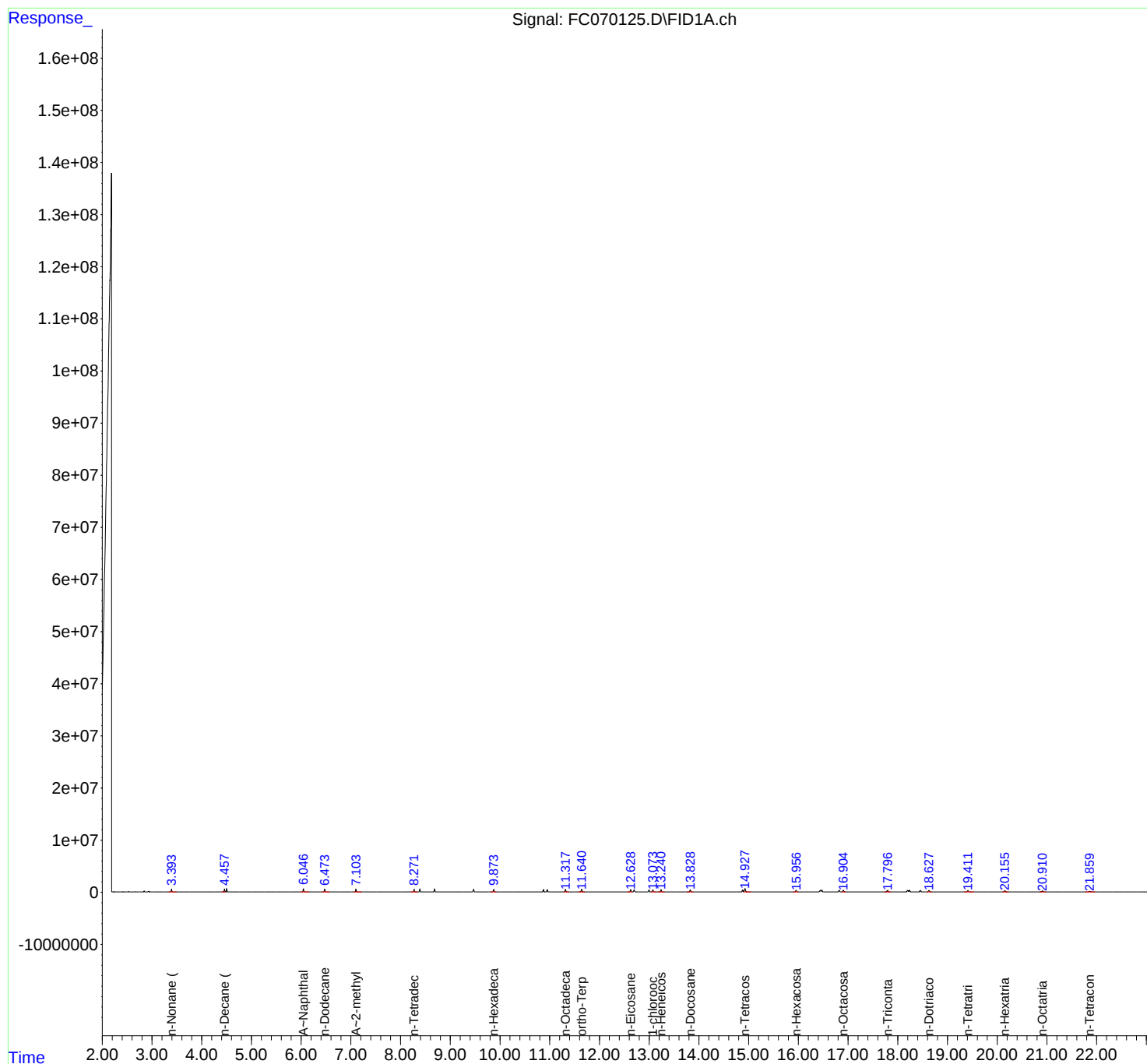
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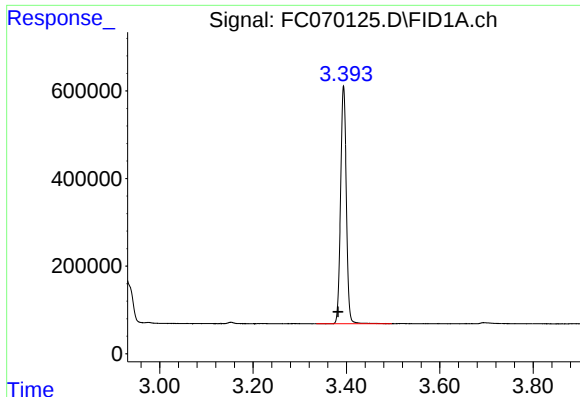
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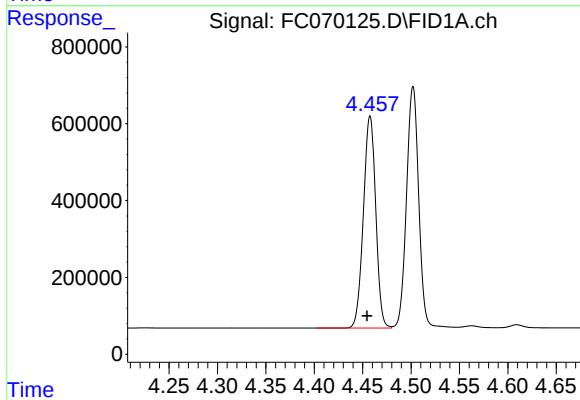
#1 n-Nonane (C9)

R.T.: 3.394 min
Delta R.T.: 0.012 min
Response: 4608664
Conc: 33.56 ug/ml

Instrument :
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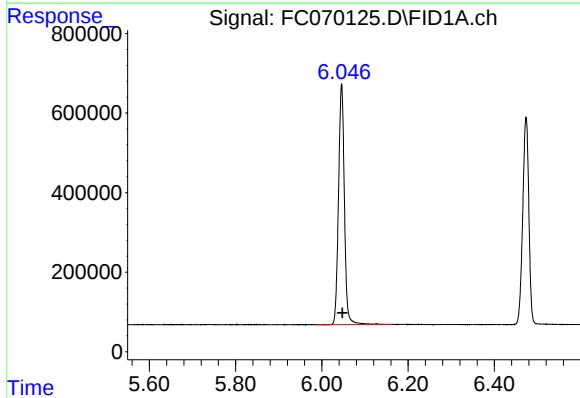
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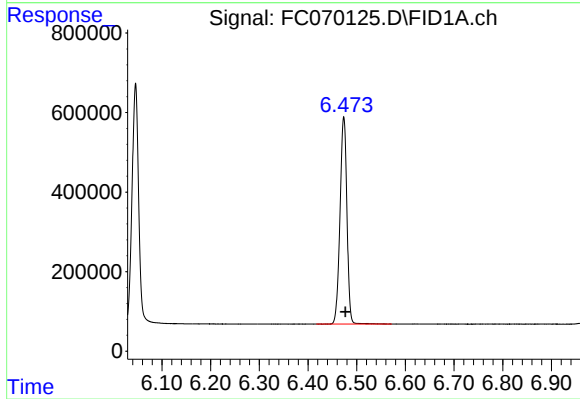
#2 n-Decane (C10)

R.T.: 4.458 min
Delta R.T.: 0.003 min
Response: 4889214
Conc: 34.01 ug/ml



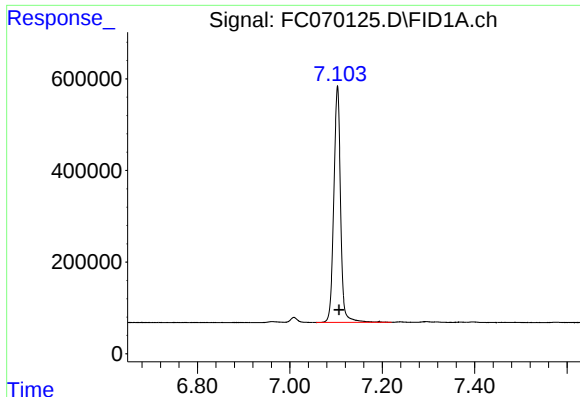
#3 A~Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: -0.002 min
Response: 5721102
Conc: 35.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.474 min
Delta R.T.: -0.004 min
Response: 5134996
Conc: 33.50 ug/ml



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

R.T.: 7.103 min
Delta R.T.: -0.003 min
Response: 5250792
Conc: 32.91 ug/ml

Instrument :

FID_C

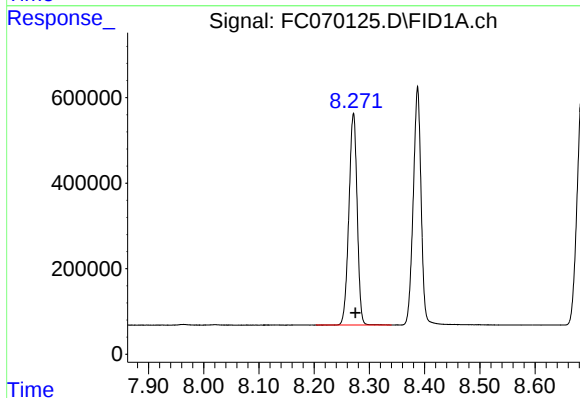
ClientSampleId :

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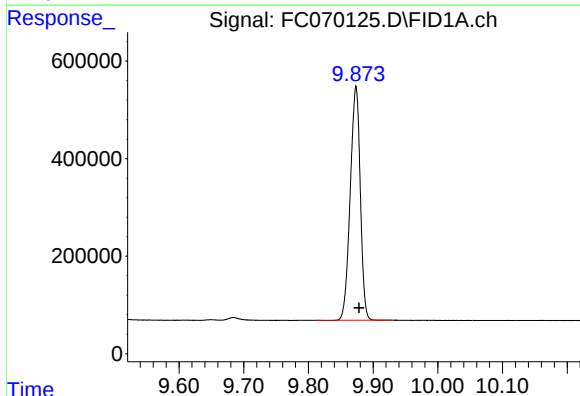
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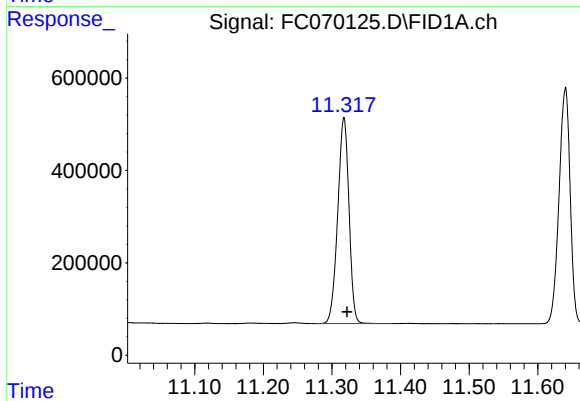
#6 n-Tetradecane (C14)

R.T.: 8.271 min
Delta R.T.: -0.004 min
Response: 5146925
Conc: 32.36 ug/ml



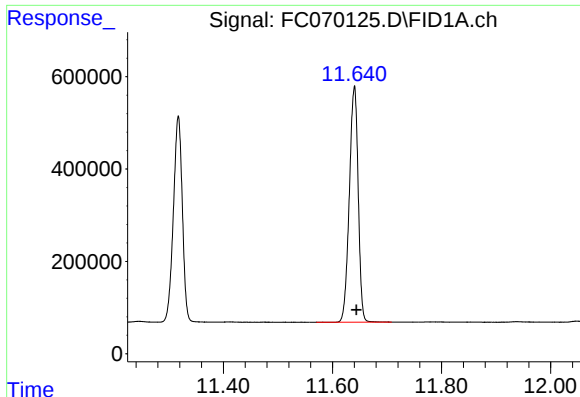
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.005 min
Response: 5176708
Conc: 30.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.317 min
Delta R.T.: -0.005 min
Response: 5080716
Conc: 29.86 ug/ml



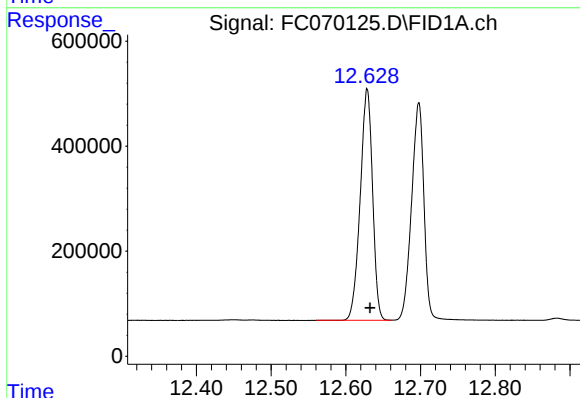
#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: -0.004 min
Response: 5754284
Conc: 32.77 ug/ml

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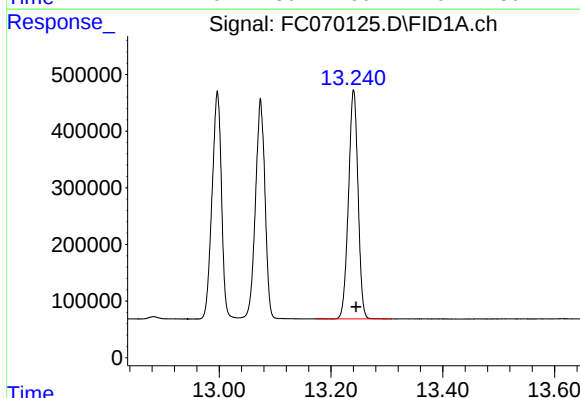
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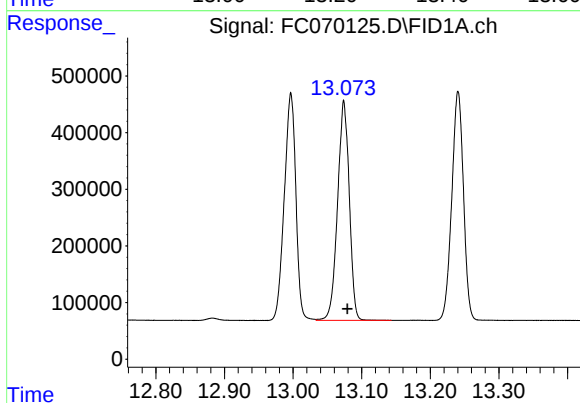
#10 n-Eicosane (C20)

R.T.: 12.629 min
Delta R.T.: -0.004 min
Response: 5072037
Conc: 31.61 ug/ml



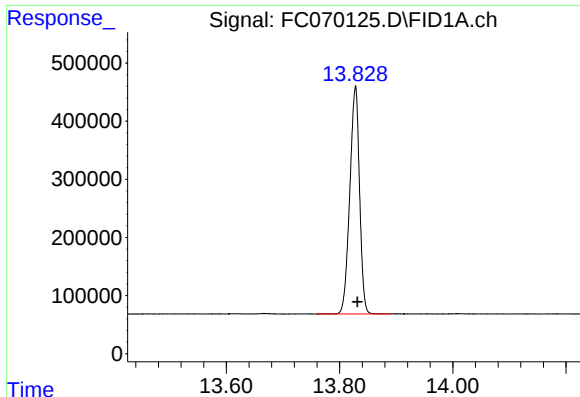
#11 n-Heneicosane (C21)

R.T.: 13.240 min
Delta R.T.: -0.005 min
Response: 4788139
Conc: 30.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.074 min
Delta R.T.: -0.005 min
Response: 4601181
Conc: 33.90 ug/ml



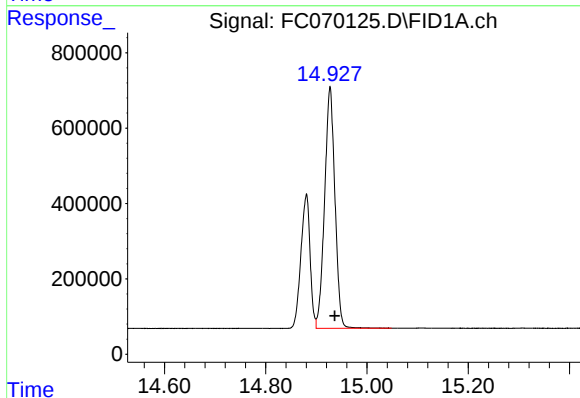
#13 n-Docosane (C22)

R.T.: 13.828 min
Delta R.T.: -0.003 min
Response: 4665364
Conc: 30.32 ug/ml

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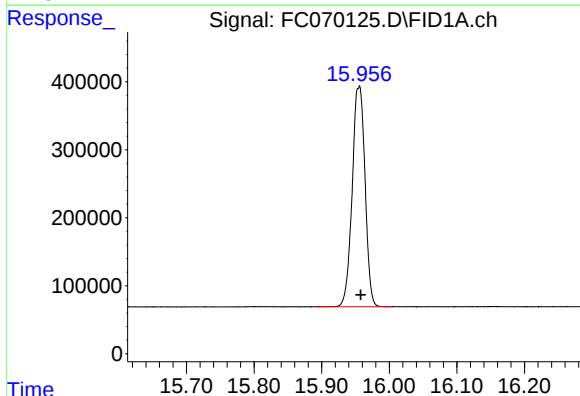
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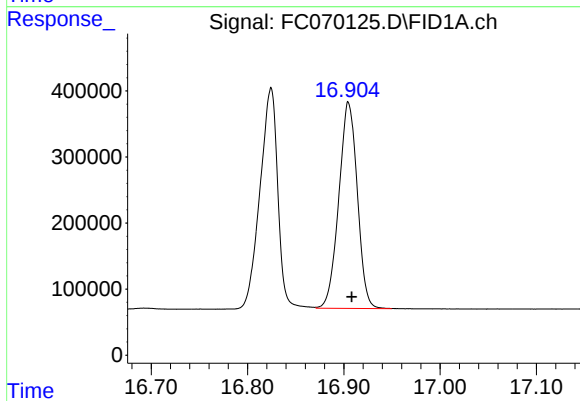
#14 n-Tetracosane (C24)

R.T.: 14.927 min
Delta R.T.: -0.009 min
Response: 9069774
Conc: 59.81 ug/ml



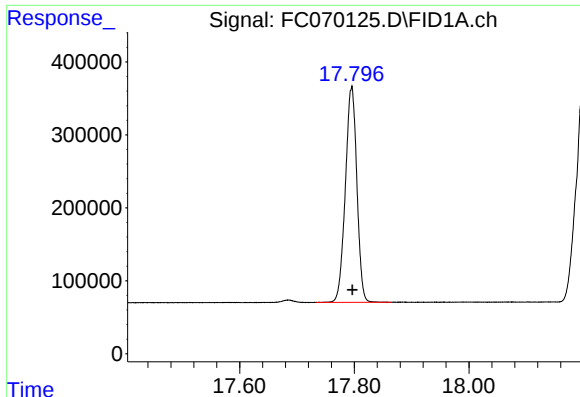
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: -0.003 min
Response: 4281854
Conc: 29.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.904 min
Delta R.T.: -0.004 min
Response: 4157609
Conc: 30.06 ug/ml m



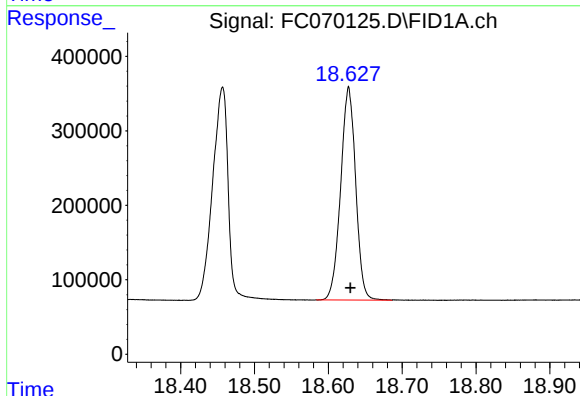
#17 n-Tricontane (C30)

R.T.: 17.795 min
Delta R.T.: -0.002 min
Response: 4125598
Conc: 30.22 ug/ml

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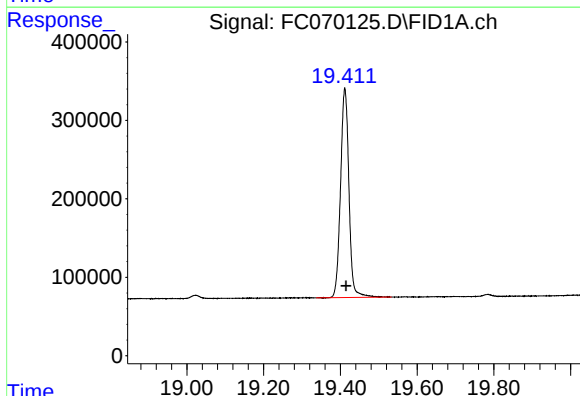
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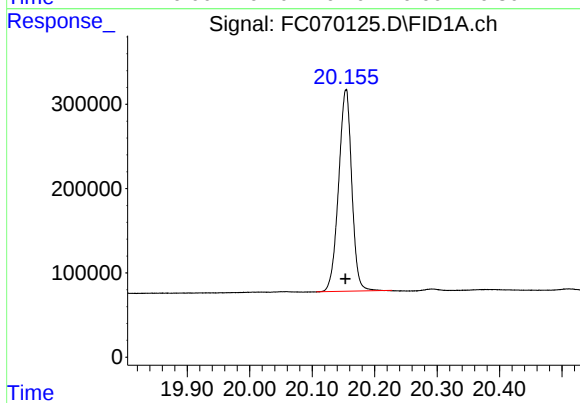
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.003 min
Response: 4044524
Conc: 31.37 ug/ml m



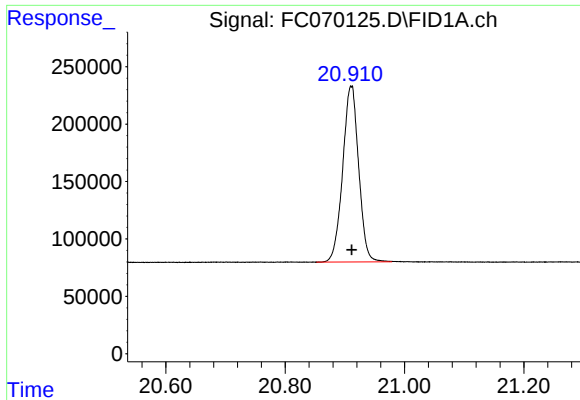
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: -0.004 min
Response: 4038319
Conc: 35.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.155 min
Delta R.T.: 0.002 min
Response: 3502305
Conc: 36.21 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.002 min
Response: 2845227
Conc: 32.64 ug/ml

Instrument :

FID_C

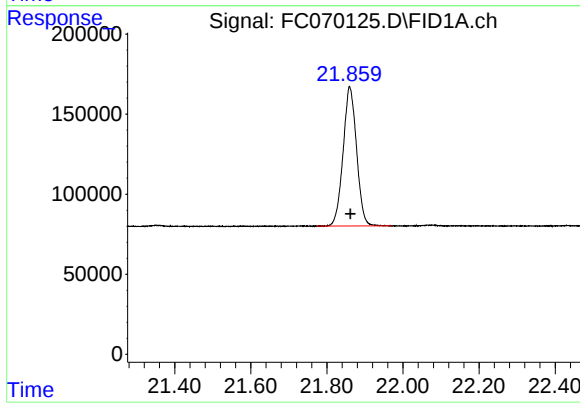
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#22 n-Tetracontane (C40)

R.T.: 21.860 min
Delta R.T.: -0.002 min
Response: 2140237
Conc: 26.05 ug/ml