

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051925AL\
 Data File : FC068921.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2025 20:02
 Operator : YP/AJ
 Sample : Q2062-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

Client Sample Id :

L1-WC-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/20/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File: autoint1.e

Quant Time: May 20 03:06:08 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M

Quant Title : GC Extractables

QLast Update : Wed May 07 08:52:03 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)	11.710	3332465	29.197 ug/ml
Spiked Amount 50.000		Recovery =	58.39%
12) S 1-chlorooctadecane (S...	13.142	2508781	31.271 ug/ml
Spiked Amount 50.000		Recovery =	62.54%
Target Compounds			
1) T n-Nonane (C9)	3.444	2592298	25.773 ug/ml
2) T n-Decane (C10)	4.519	2930982	29.415 ug/ml
3) T A~Naphthalene (C11.7)	6.115	3443497	31.230 ug/ml
4) T n-Dodecane (C12)	6.543	3035151	31.233 ug/ml
5) T A~2-methylnaphthalene...	7.173	3209042	29.898 ug/ml
6) T n-Tetradecane (C14)	8.341	3020554	32.681 ug/ml
7) T n-Hexadecane (C16)	9.943	3184270	35.561 ug/ml
8) T n-Octadecane (C18)	11.386	3298400	37.602 ug/ml
10) T n-Eicosane (C20)	12.697	3400731	39.906 ug/ml
11) T n-Heneicosane (C21)	13.309	3262795	38.684 ug/ml
13) T n-Docosane (C22)	13.896	3209071	38.359 ug/ml
14) T n-Tetracosane (C24)	14.993	6667941	80.137 ug/ml
15) T n-Hexacosane (C26)	16.022	3117609	37.628 ug/mlm
16) T n-Octacosane (C28)	16.974	3109640	37.626 ug/ml
17) T n-Tricontane (C30)	17.863	3108421	36.737 ug/ml
18) T n-Dotriacontane (C32)	18.695	3125296	36.283 ug/ml
19) T n-Tetratriacontane (C34)	19.480	3212441	37.705 ug/mlm
20) T n-Hexatriacontane (C36)	20.219	3151680	36.669 ug/ml
21) T n-Octatriacontane (C38)	20.993	3201957	38.171 ug/ml
22) T n-Tetracontane (C40)	21.973	3113694	37.992 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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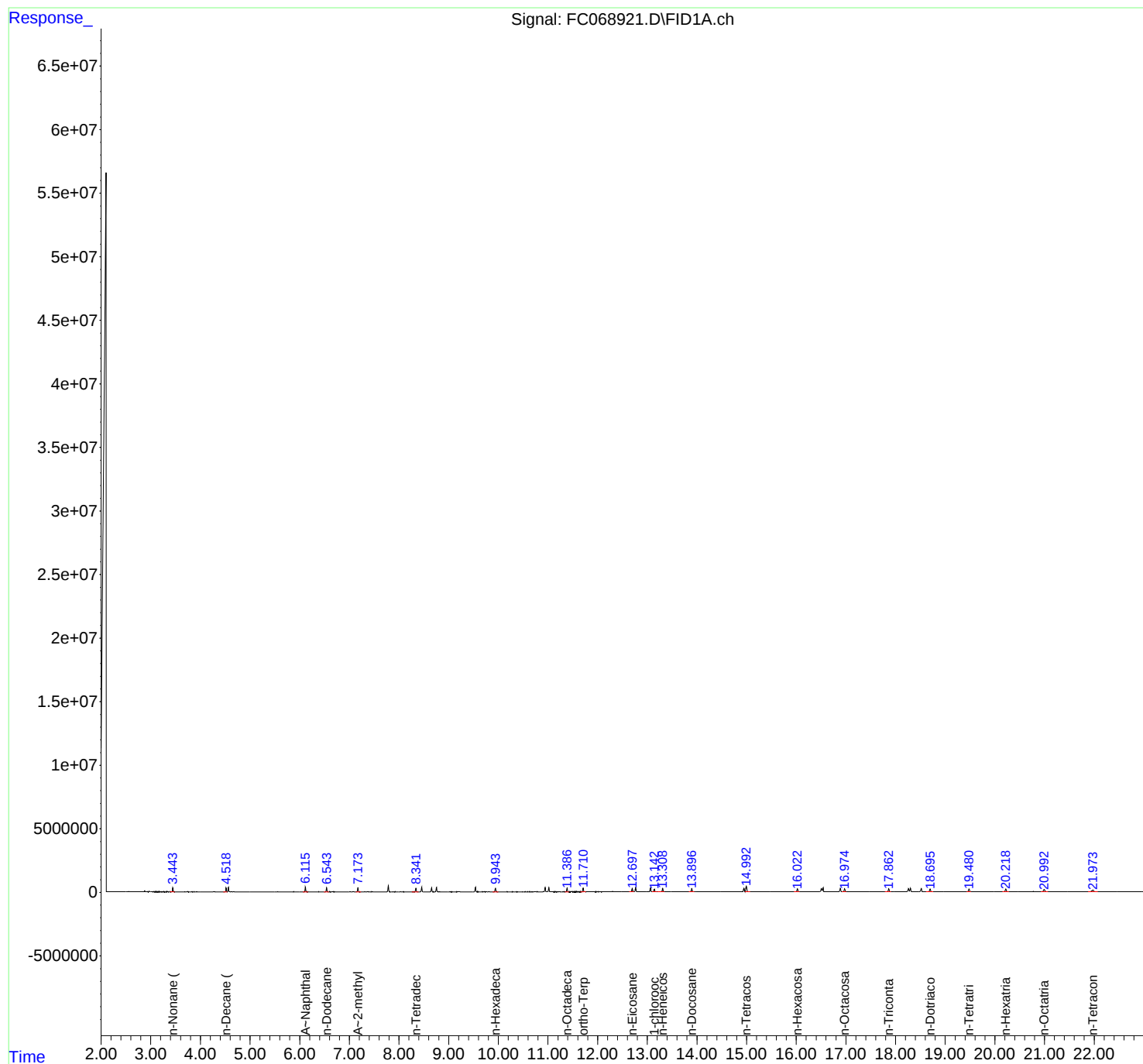
Response via : Initial Calibration

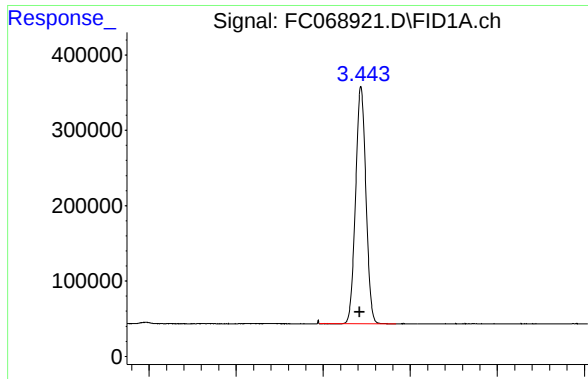
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





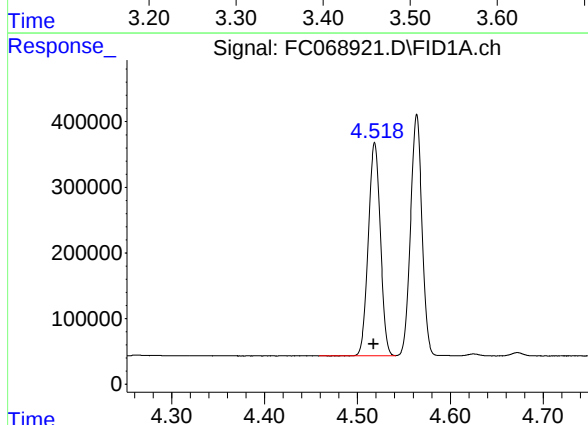
#1 n-Nonane (C9)

R.T.: 3.444 min
Delta R.T.: 0.002 min
Response: 2592298
Conc: 25.77 ug/ml

Instrument :
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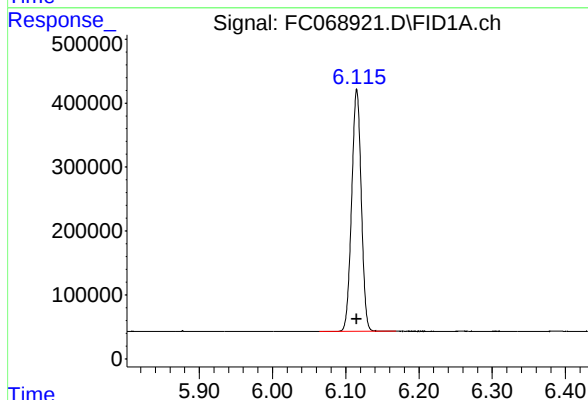
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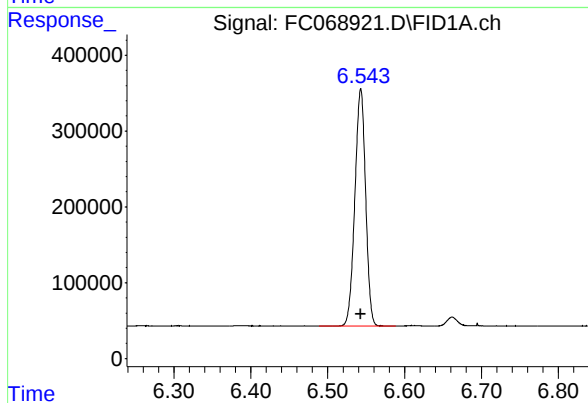
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 2930982
Conc: 29.42 ug/ml



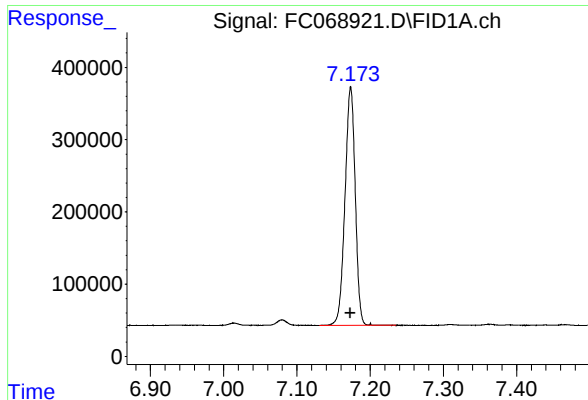
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 3443497
Conc: 31.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 3035151
Conc: 31.23 ug/ml



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

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 3209042
Conc: 29.90 ug/ml

Instrument :

FID_C

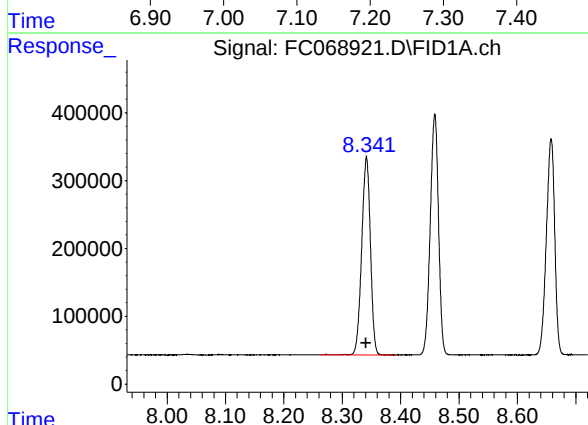
ClientSampleId :

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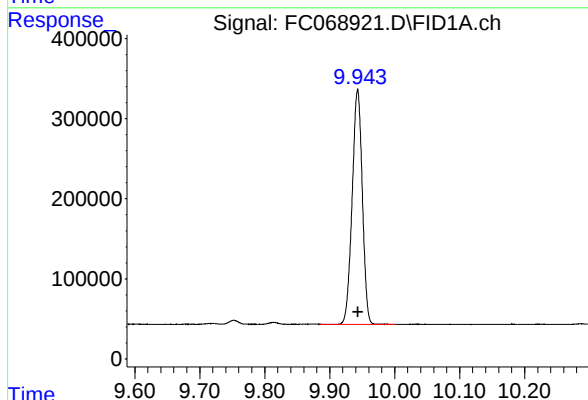
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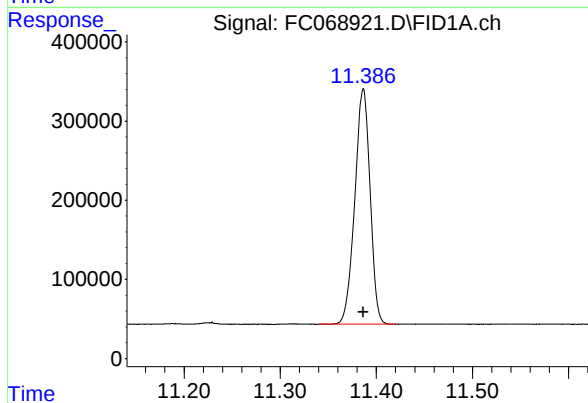
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 3020554
Conc: 32.68 ug/ml



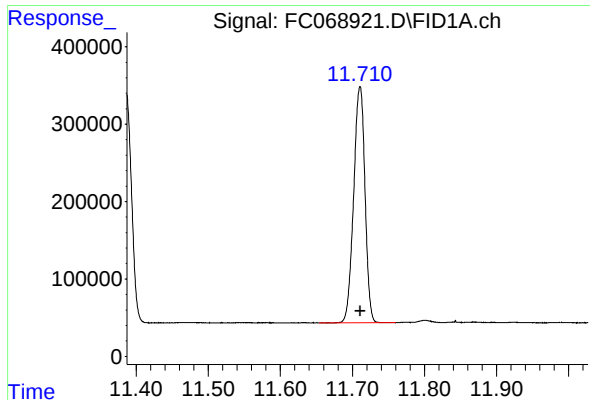
#7 n-Hexadecane (C16)

R.T.: 9.943 min
Delta R.T.: 0.000 min
Response: 3184270
Conc: 35.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 3298400
Conc: 37.60 ug/ml



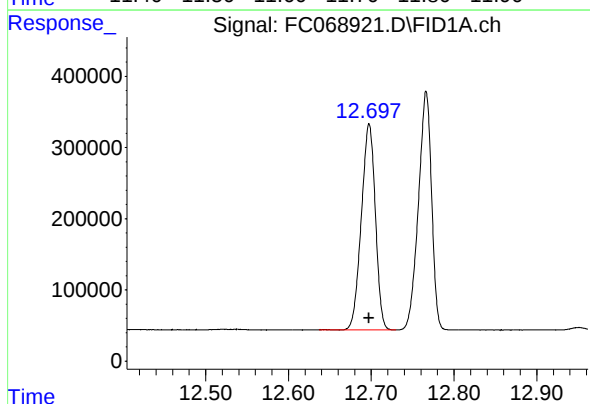
#9 ortho-Terphenyl (SURR)

R.T.: 11.710 min
Delta R.T.: 0.000 min
Response: 3332465
Conc: 29.20 ug/ml

Instrument :
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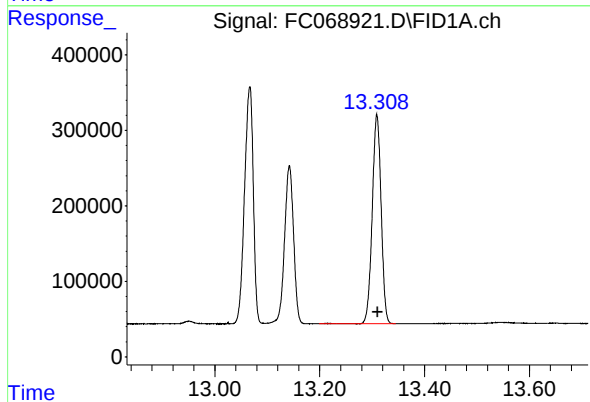
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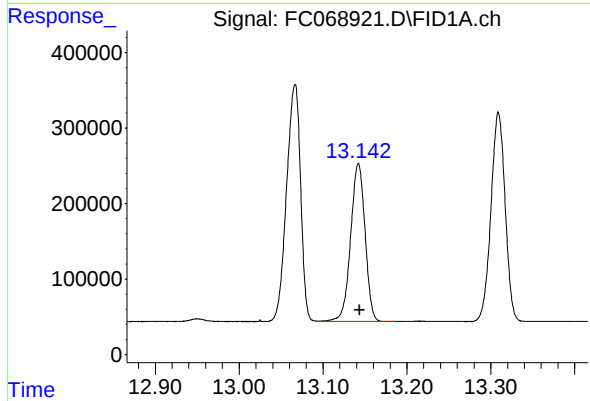
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 3400731
Conc: 39.91 ug/ml



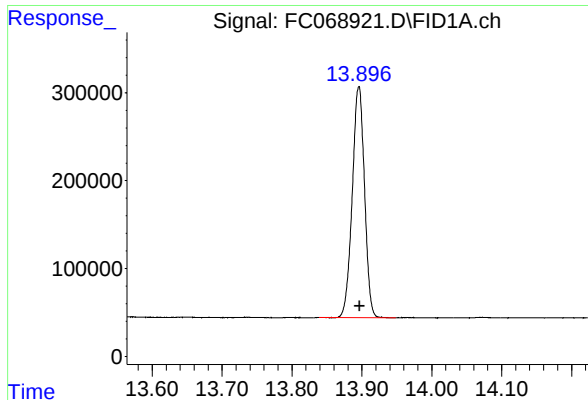
#11 n-Heneicosane (C21)

R.T.: 13.309 min
Delta R.T.: -0.001 min
Response: 3262795
Conc: 38.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.142 min
Delta R.T.: -0.002 min
Response: 2508781
Conc: 31.27 ug/ml



#13 n-Docosane (C22)

R.T.: 13.896 min
Delta R.T.: -0.001 min
Response: 3209071
Conc: 38.36 ug/ml

Instrument :

FID_C

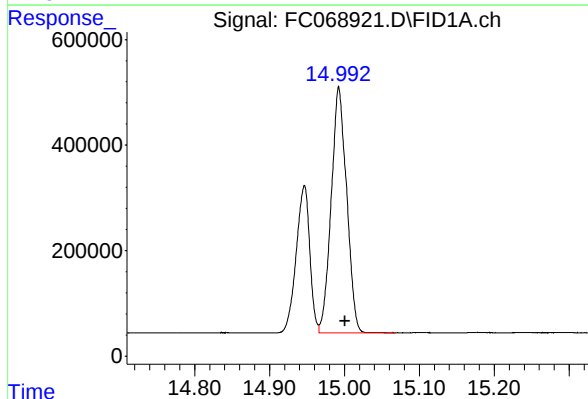
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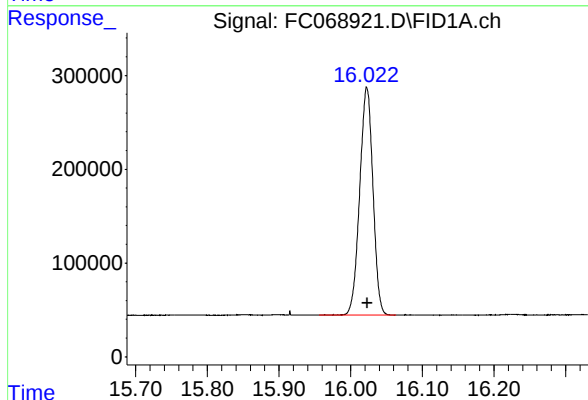
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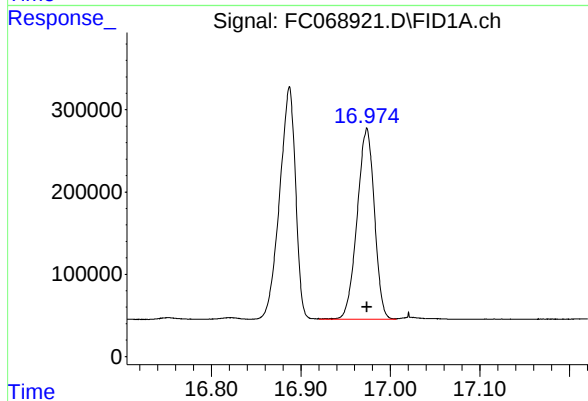
#14 n-Tetracosane (C24)

R.T.: 14.993 min
Delta R.T.: -0.008 min
Response: 6667941
Conc: 80.14 ug/ml



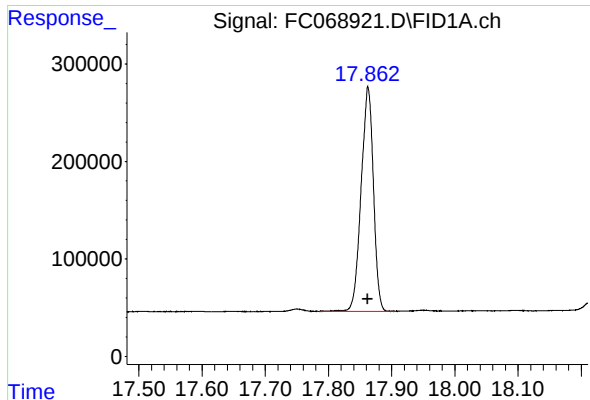
#15 n-Hexacosane (C26)

R.T.: 16.022 min
Delta R.T.: -0.001 min
Response: 3117609
Conc: 37.63 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.974 min
Delta R.T.: 0.000 min
Response: 3109640
Conc: 37.63 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.863 min
Delta R.T.: 0.000 min
Response: 3108421
Conc: 36.74 ug/ml

Instrument :

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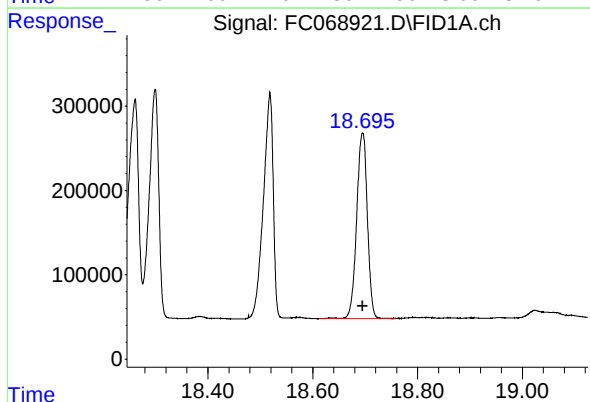
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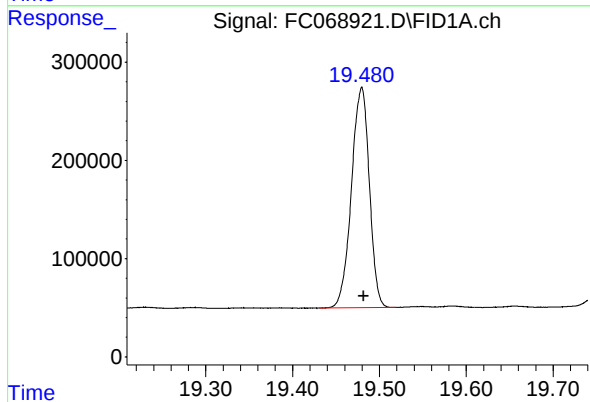
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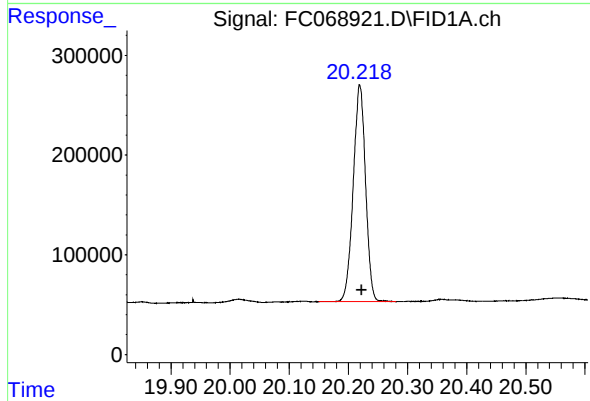
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: 0.000 min
Response: 3125296
Conc: 36.28 ug/ml



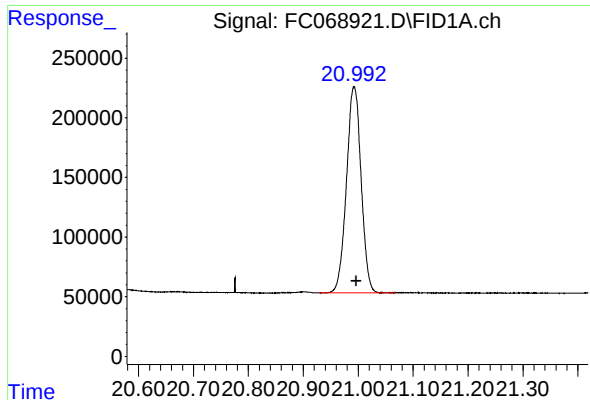
#19 n-Tetatriacontane (C34)

R.T.: 19.480 min
Delta R.T.: -0.002 min
Response: 3212441
Conc: 37.70 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.219 min
Delta R.T.: -0.003 min
Response: 3151680
Conc: 36.67 ug/ml



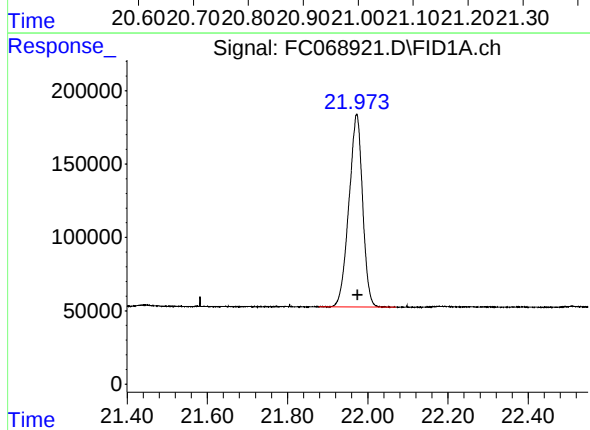
#21 n-Octatriacontane (C38)

R.T.: 20.993 min
Delta R.T.: -0.004 min
Response: 3201957
Conc: 38.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: -0.003 min
Response: 3113694
Conc: 37.99 ug/ml