

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062625AL\
 Data File : FC069300.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jun 2025 22:46
 Operator : YP/AJ
 Sample : Q2414-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File: sample.E
 Quant Time: Jun 27 01:19:02 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			
9) S ortho-Terphenyl (SURR)	11.678	4633009	26.818 ug/ml
Spiked Amount 50.000		Recovery =	53.64%
12) S 1-chlorooctadecane (S...	13.114	3754046	28.735 ug/ml
Spiked Amount 50.000		Recovery =	57.47%
Target Compounds			
1) T n-Nonane (C9)	3.409	3622007	25.468 ug/ml
2) T n-Decane (C10)	4.482	4068642	27.792 ug/ml
3) T A~Naphthalene (C11.7)	6.076	5048672	31.379 ug/ml
4) T n-Dodecane (C12)	6.506	4474603	29.550 ug/ml
5) T A~2-methylnaphthalene...	7.136	4898165	30.952 ug/ml
6) T n-Tetradecane (C14)	8.308	4805249	31.001 ug/ml
7) T n-Hexadecane (C16)	9.911	5147389	31.499 ug/ml
8) T n-Octadecane (C18)	11.356	5128688	31.412 ug/ml
10) T n-Eicosane (C20)	12.668	5145226	33.708 ug/ml
11) T n-Heneicosane (C21)	13.281	4842006	32.851 ug/ml
13) T n-Docosane (C22)	13.868	4739523	32.940 ug/ml
14) T n-Tetracosane (C24)	14.966	9287512	67.334 ug/ml
15) T n-Hexacosane (C26)	15.997	4283009	32.764 ug/ml
16) T n-Octacosane (C28)	16.948	4078314	33.069 ug/ml
17) T n-Tricontane (C30)	17.838	3940957	33.150 ug/ml
18) T n-Dotriacontane (C32)	18.670	3859059	35.295 ug/ml
19) T n-Tetratriacontane (C34)	19.455	3932455	40.723 ug/ml
20) T n-Hexatriacontane (C36)	20.197	3753222	45.542 ug/ml
21) T n-Octatriacontane (C38)	20.966	3846575	51.473 ug/ml
22) T n-Tetracontane (C40)	21.933	3814178	53.860 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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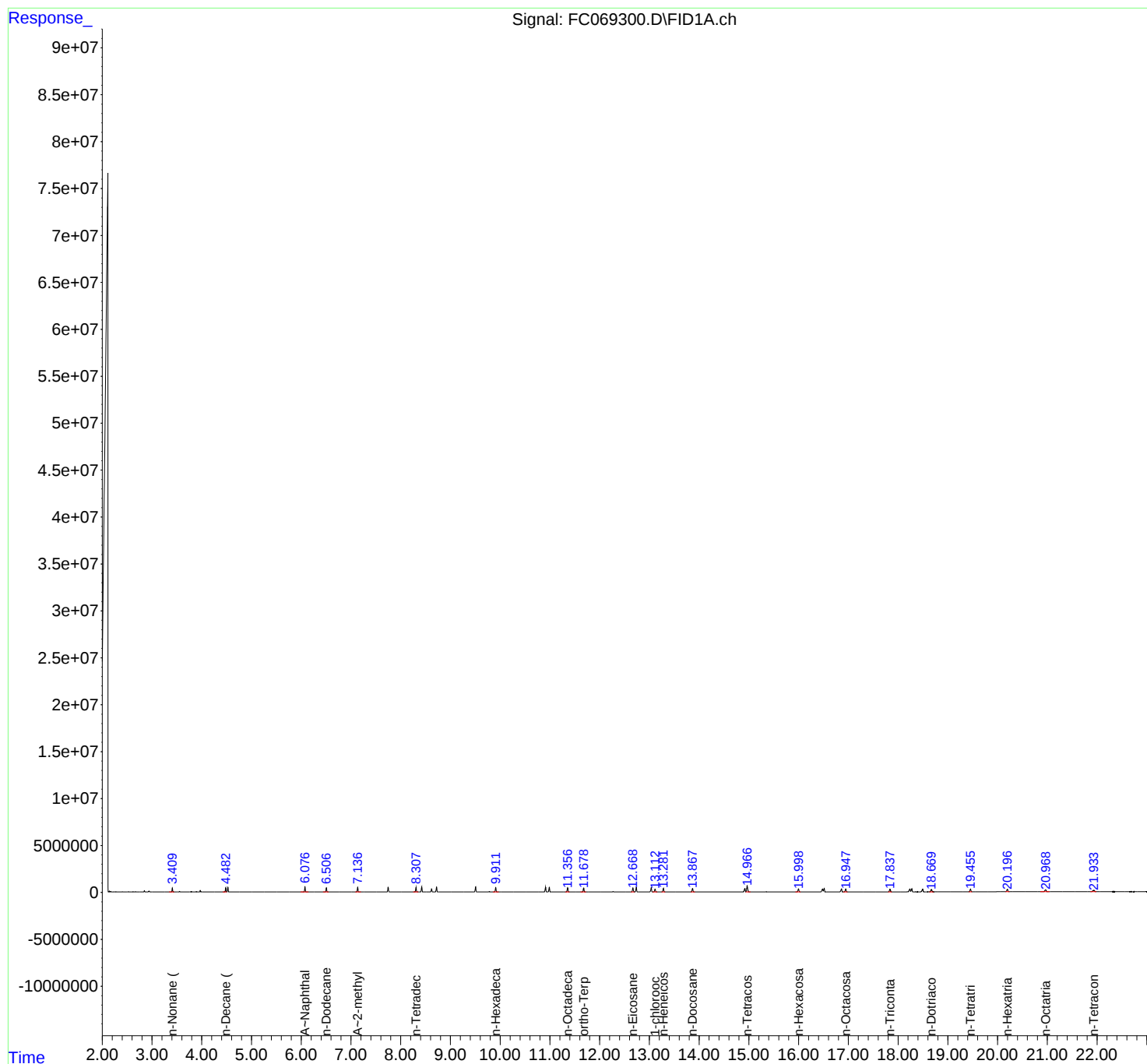
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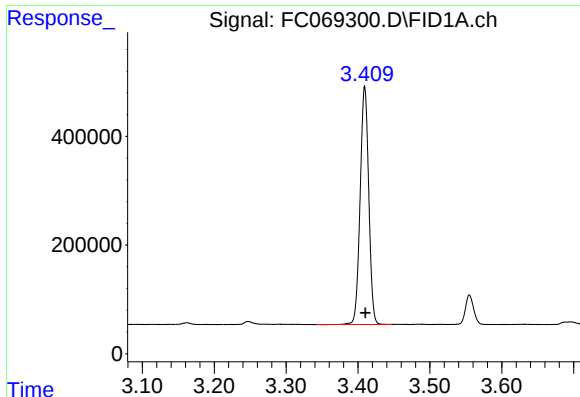
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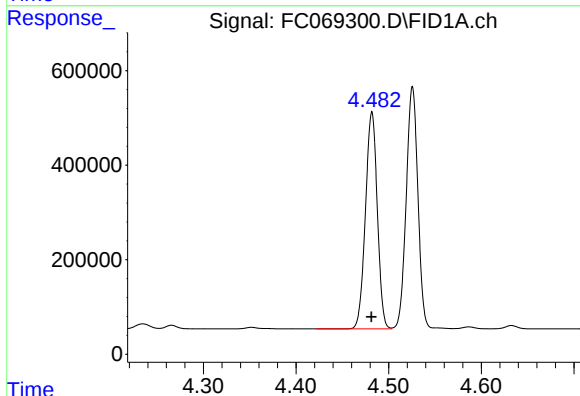
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: 0.000 min
Response: 3622007
Conc: 25.47 ug/ml

Instrument :
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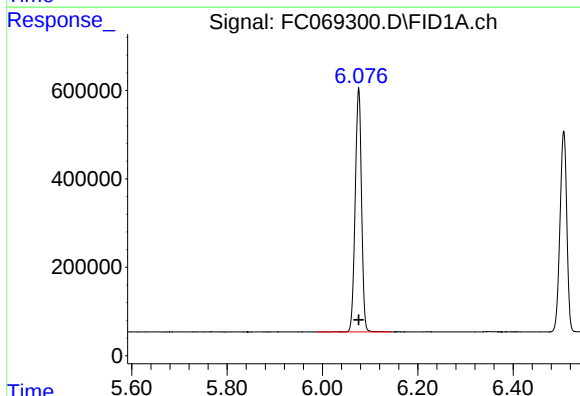
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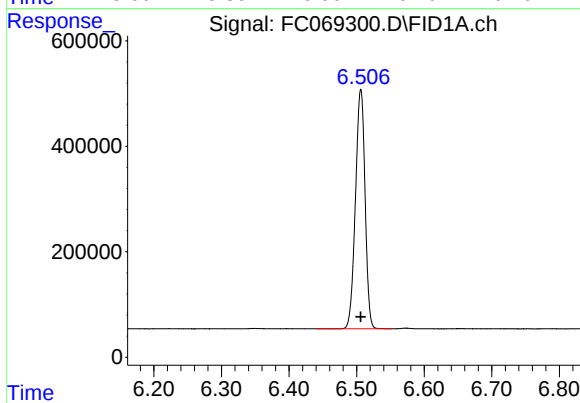
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 4068642
Conc: 27.79 ug/ml



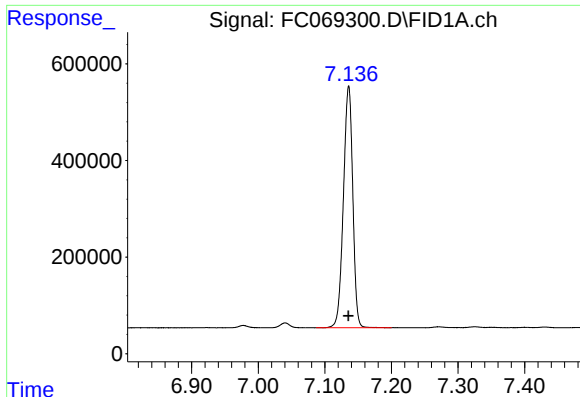
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 5048672
Conc: 31.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 4474603
Conc: 29.55 ug/ml



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

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 4898165
Conc: 30.95 ug/ml

Instrument :

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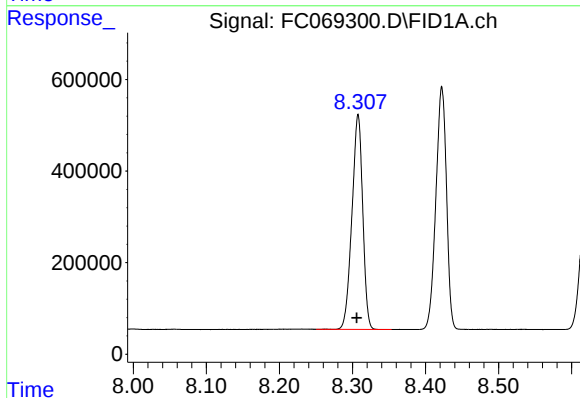
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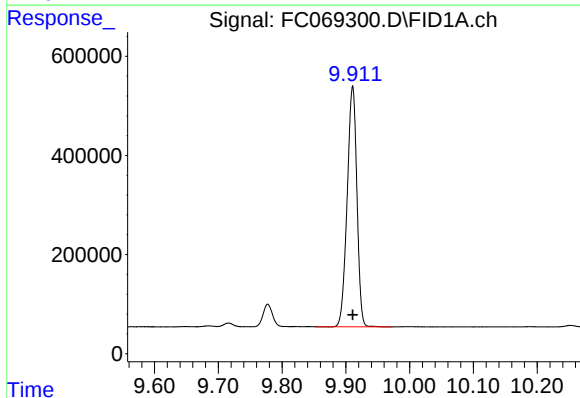
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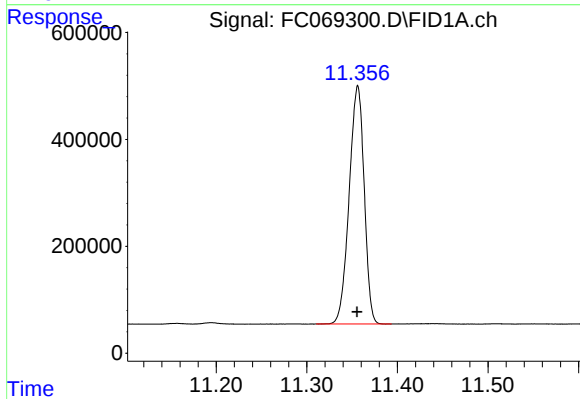
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: 0.002 min
Response: 4805249
Conc: 31.00 ug/ml



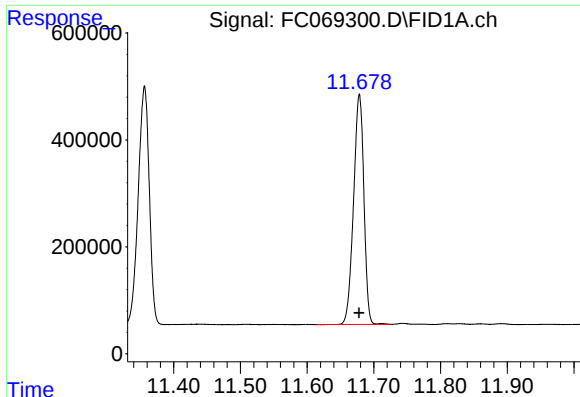
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 5147389
Conc: 31.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 5128688
Conc: 31.41 ug/ml



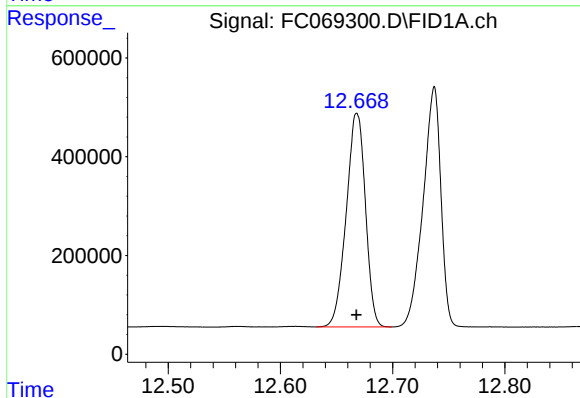
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 4633009
Conc: 26.82 ug/ml

Instrument :
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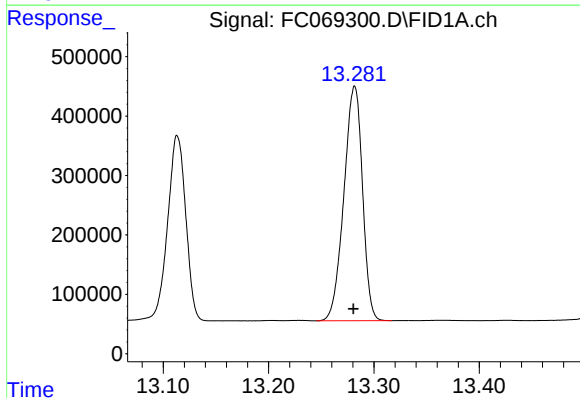
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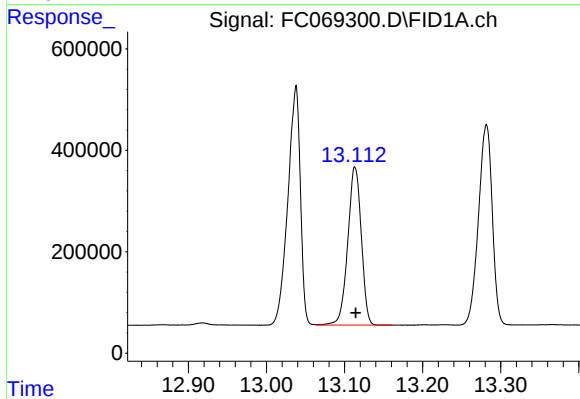
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.000 min
Response: 5145226
Conc: 33.71 ug/ml



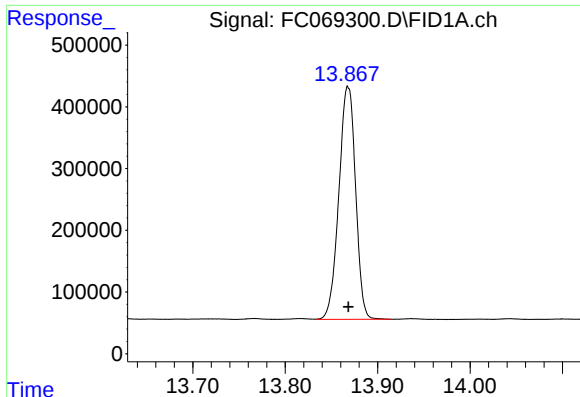
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: 0.000 min
Response: 4842006
Conc: 32.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 3754046
Conc: 28.74 ug/ml



#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 4739523
Conc: 32.94 ug/ml

Instrument :

FID_C

ClientSampleId :

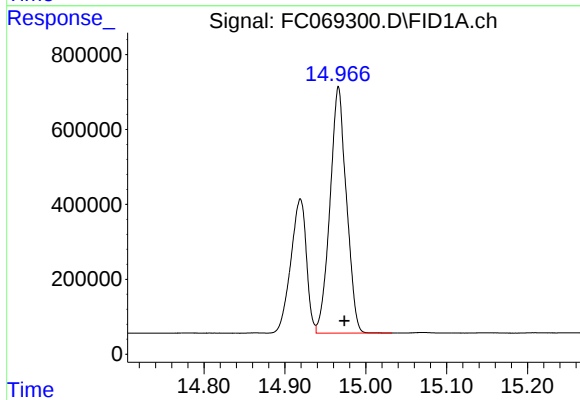
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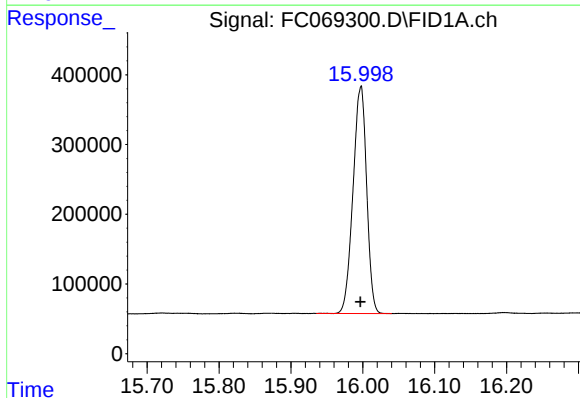
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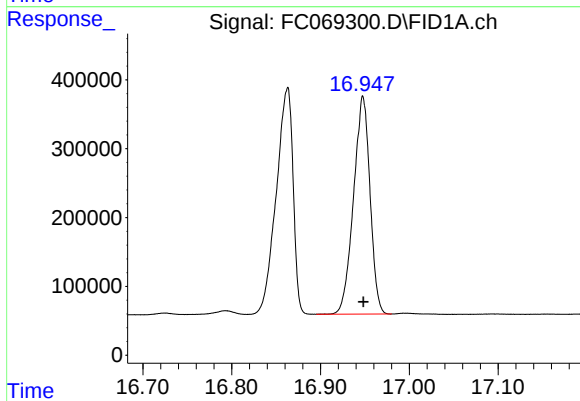
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: -0.007 min
Response: 9287512
Conc: 67.33 ug/ml



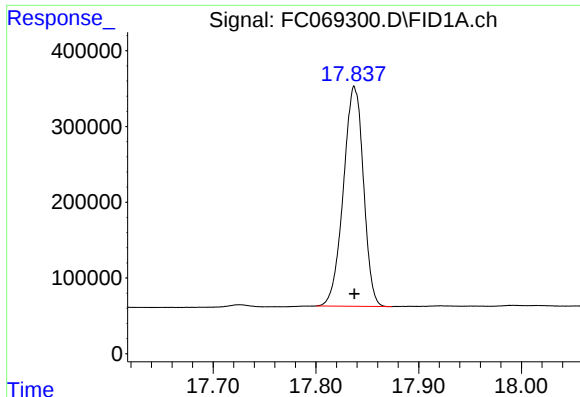
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: 0.000 min
Response: 4283009
Conc: 32.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: 0.000 min
Response: 4078314
Conc: 33.07 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.838 min
Delta R.T.: 0.000 min
Response: 3940957
Conc: 33.15 ug/ml

Instrument :

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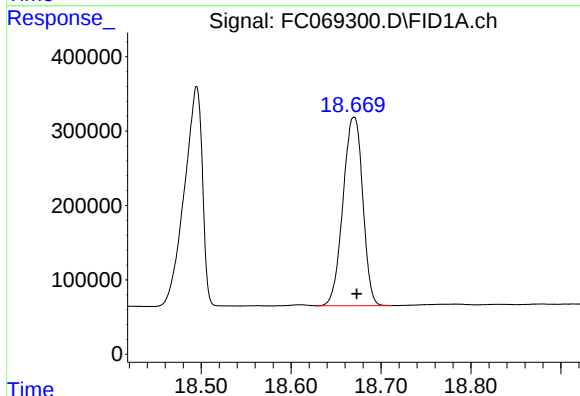
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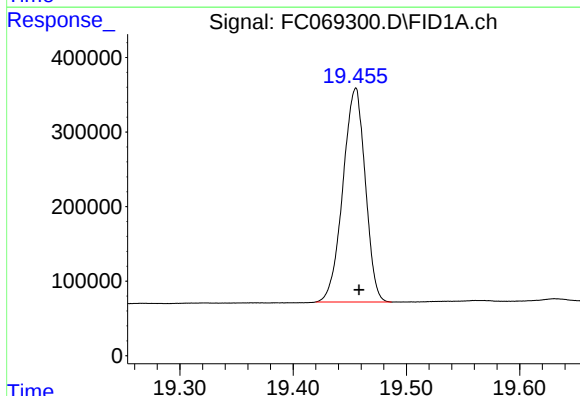
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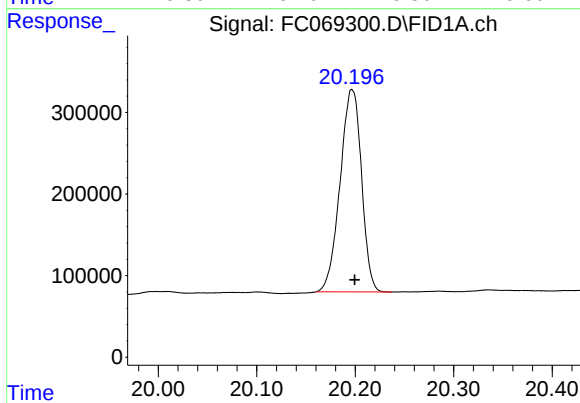
#18 n-Dotriacontane (C32)

R.T.: 18.670 min
Delta R.T.: -0.003 min
Response: 3859059
Conc: 35.29 ug/ml



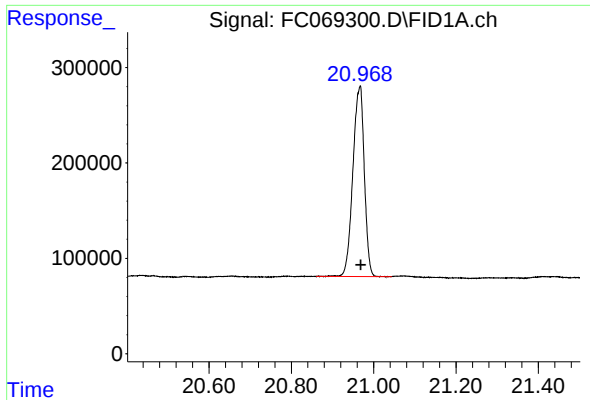
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min
Delta R.T.: -0.003 min
Response: 3932455
Conc: 40.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.197 min
Delta R.T.: -0.003 min
Response: 3753222
Conc: 45.54 ug/ml



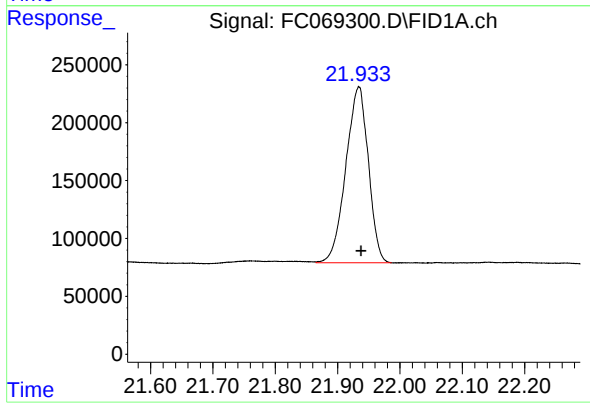
#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: -0.003 min
Response: 3846575
Conc: 51.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: -0.004 min
Response: 3814178
Conc: 53.86 ug/ml m