

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070125AL\
 Data File : FC069349.D
 Signal(s) : FID1A.ch
 Acq On : 01 Jul 2025 18:24
 Operator : YP/AJ
 Sample : Q2469-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/02/2025

Integration File: autoint1.e
 Quant Time: Jul 02 00:33:08 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	4047590	23.429 ug/ml
Spiked Amount 50.000		Recovery =	46.86%
12) S 1-chlorooctadecane (S...	13.114	3397609	26.007 ug/ml
Spiked Amount 50.000		Recovery =	52.01%
Target Compounds			
1) T n-Nonane (C9)	3.404	3744584	26.330 ug/ml
2) T n-Decane (C10)	4.480	4170526	28.488 ug/ml
3) T A~Naphthalene (C11.7)	6.075	5306619	32.982 ug/ml
4) T n-Dodecane (C12)	6.505	4576584	30.223 ug/ml
5) T A~2-methylnaphthalene...	7.135	5203765	32.883 ug/ml
6) T n-Tetradecane (C14)	8.306	4998099	32.245 ug/ml
7) T n-Hexadecane (C16)	9.911	5392438	32.998 ug/ml
8) T n-Octadecane (C18)	11.356	5356954	32.810 ug/ml
10) T n-Eicosane (C20)	12.669	5528743	36.221 ug/ml
11) T n-Heneicosane (C21)	13.282	5219969	35.415 ug/ml
13) T n-Docosane (C22)	13.869	5175506	35.970 ug/ml
14) T n-Tetracosane (C24)	14.968	10482037	75.995 ug/ml
15) T n-Hexacosane (C26)	15.997	4640666	35.500 ug/ml
16) T n-Octacosane (C28)	16.948	4546147	36.862 ug/ml
17) T n-Tricontane (C30)	17.838	4509302	37.930 ug/ml
18) T n-Dotriacontane (C32)	18.671	4519697	41.337 ug/ml
19) T n-Tetratriacontane (C34)	19.456	4548388	47.101 ug/ml
20) T n-Hexatriacontane (C36)	20.197	4204374	51.016 ug/ml
21) T n-Octatriacontane (C38)	20.965	4162001	55.693 ug/ml
22) T n-Tetracontane (C40)	21.935	4104128	57.955 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

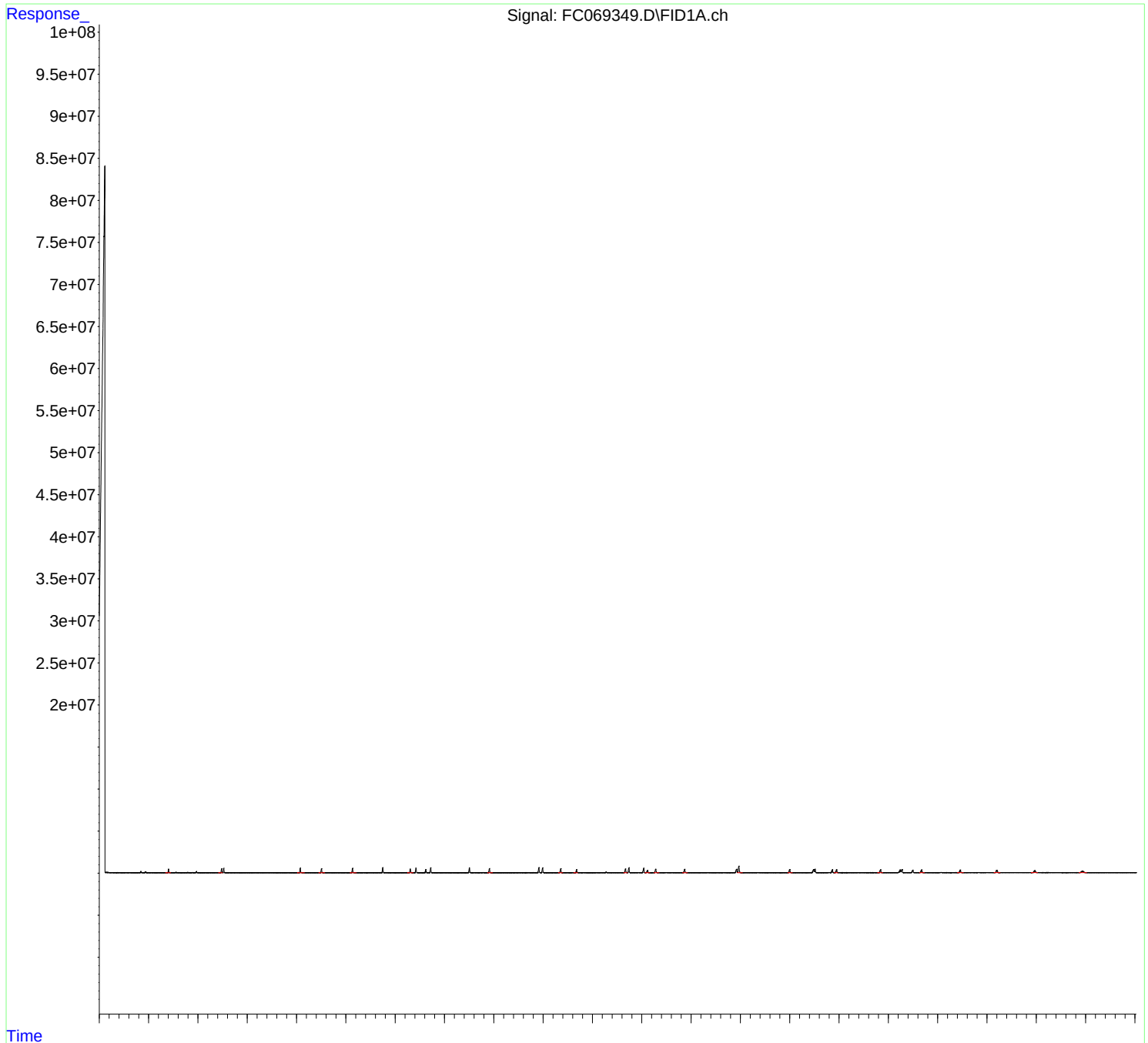
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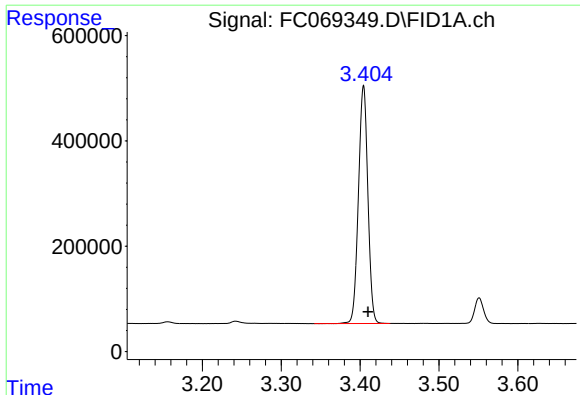
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#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: -0.006 min
Response: 3744584
Conc: 26.33 ug/ml

Instrument :

FID_C

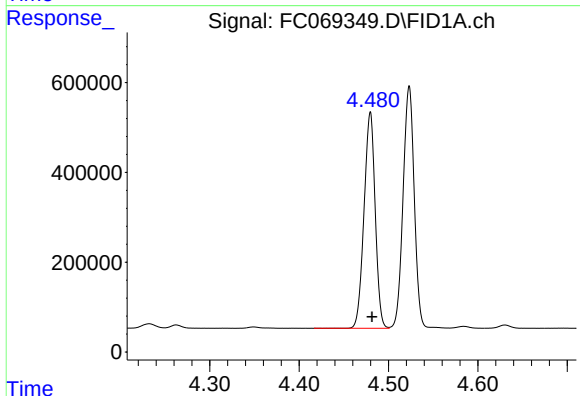
ClientSampleId :

WC-1MS

Manual Integrations

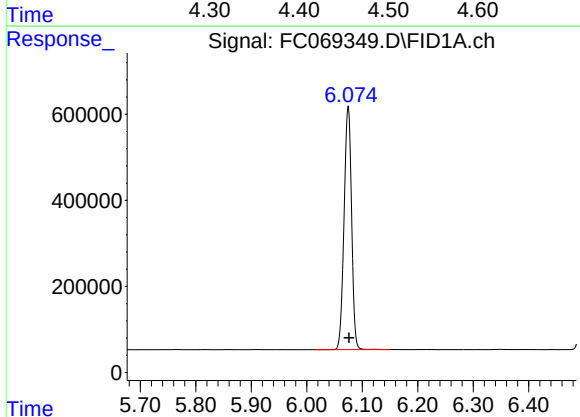
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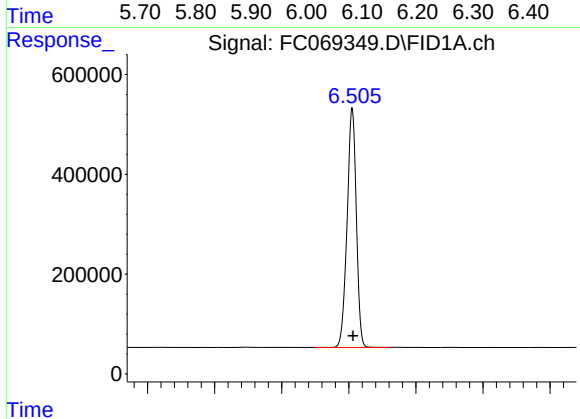
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.002 min
Response: 4170526
Conc: 28.49 ug/ml



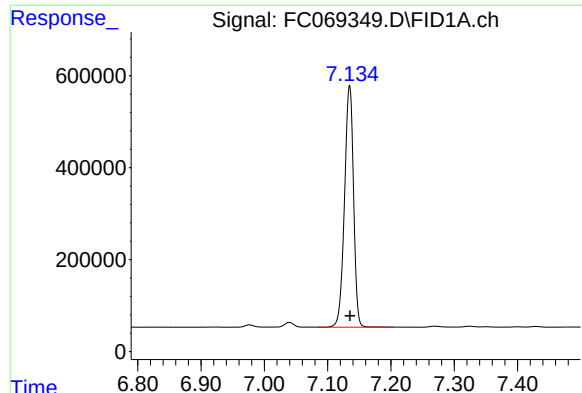
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 5306619
Conc: 32.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.001 min
Response: 4576584
Conc: 30.22 ug/ml



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

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 5203765
Conc: 32.88 ug/ml

Instrument :

FID_C

ClientSampleId :

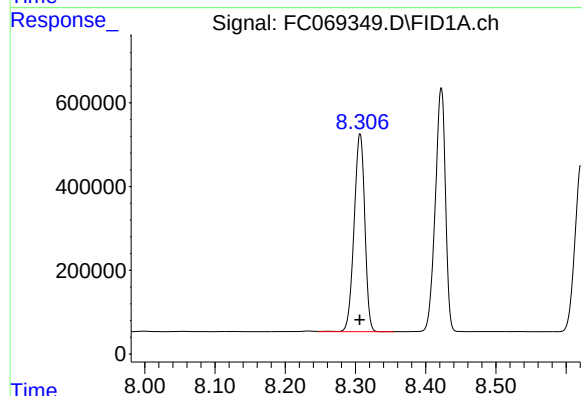
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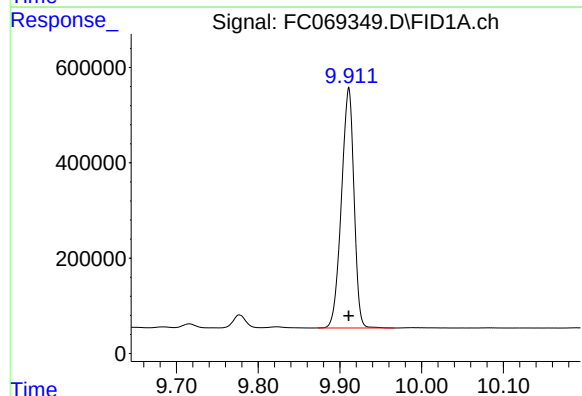
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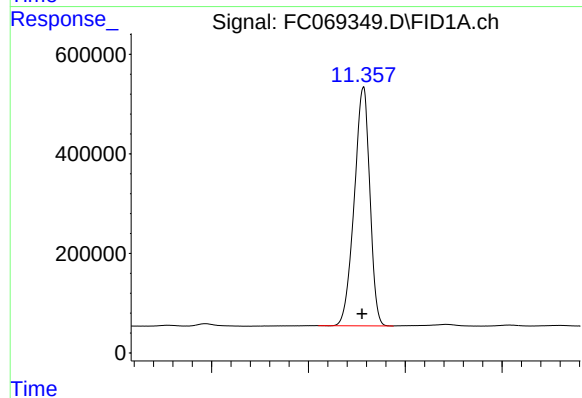
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 4998099
Conc: 32.24 ug/ml



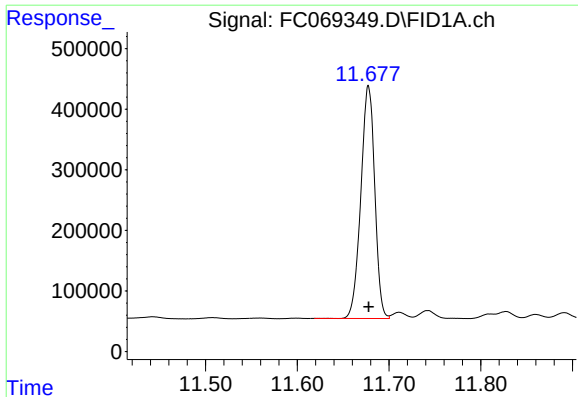
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 5392438
Conc: 33.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 5356954
Conc: 32.81 ug/ml



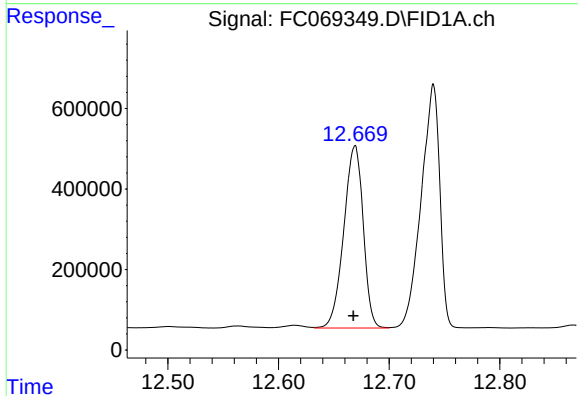
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 4047590
Conc: 23.43 ug/ml

Instrument :
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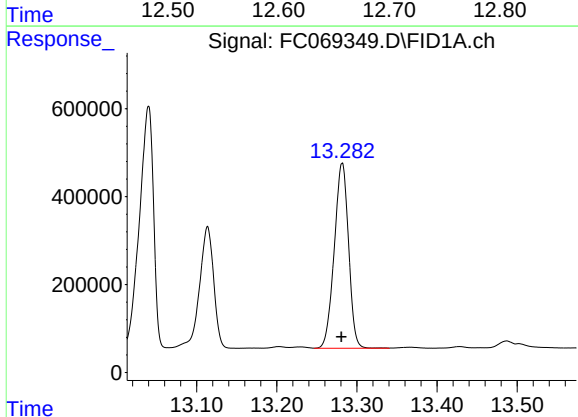
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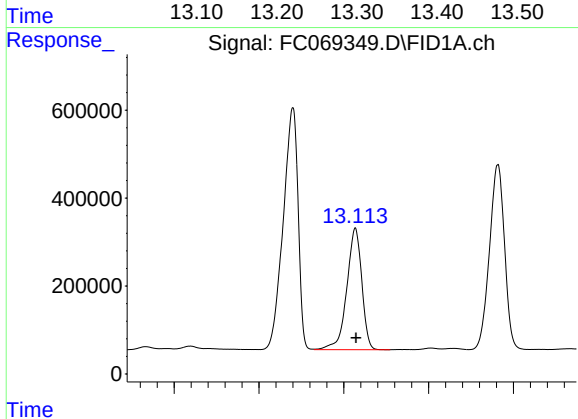
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: 0.001 min
Response: 5528743
Conc: 36.22 ug/ml



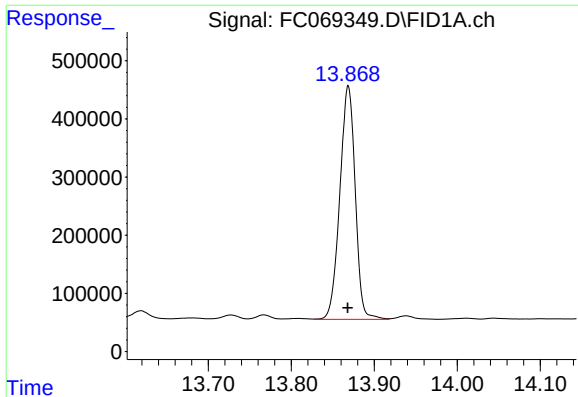
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.000 min
Response: 5219969
Conc: 35.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 3397609
Conc: 26.01 ug/ml



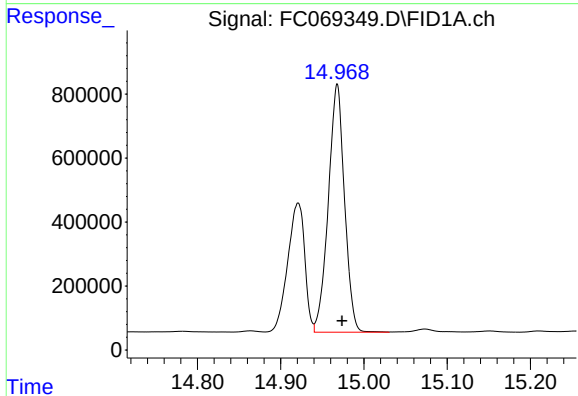
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: 0.000 min
Response: 5175506
Conc: 35.97 ug/ml

Instrument :
FID_C
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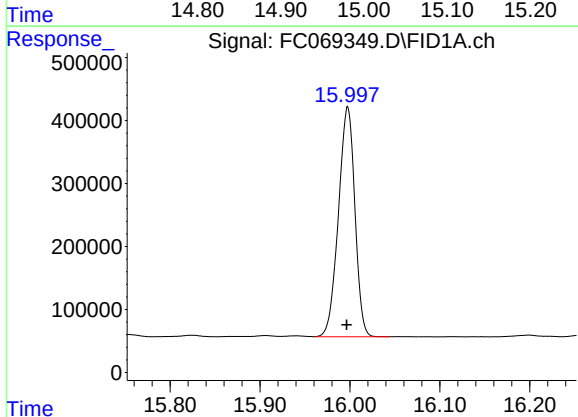
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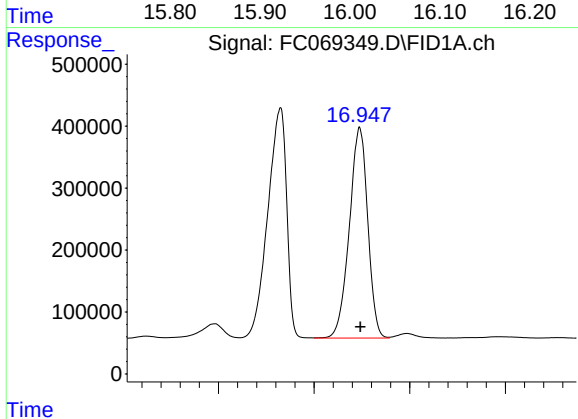
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.006 min
Response: 10482037
Conc: 75.99 ug/ml



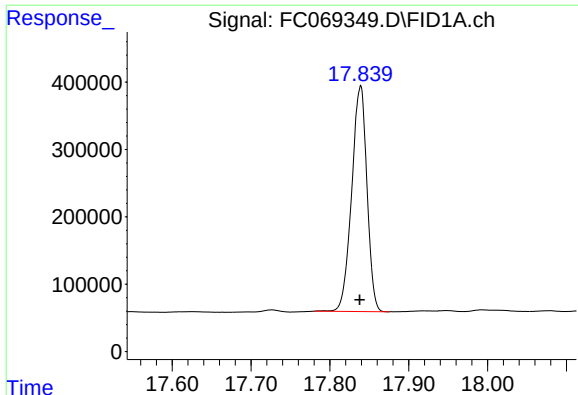
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: 0.000 min
Response: 4640666
Conc: 35.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: 0.000 min
Response: 4546147
Conc: 36.86 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.838 min
Delta R.T.: 0.000 min
Response: 4509302
Conc: 37.93 ug/ml

Instrument :

FID_C

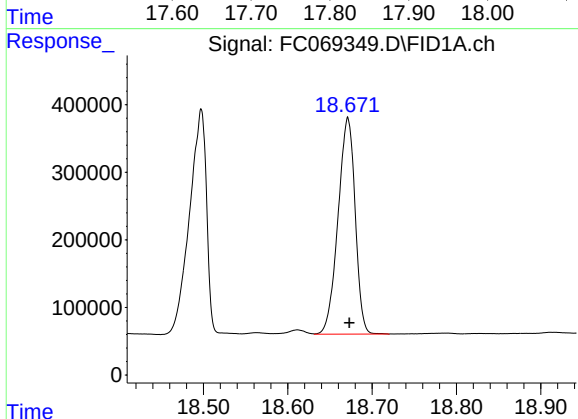
ClientSampleId :

WC-1MS

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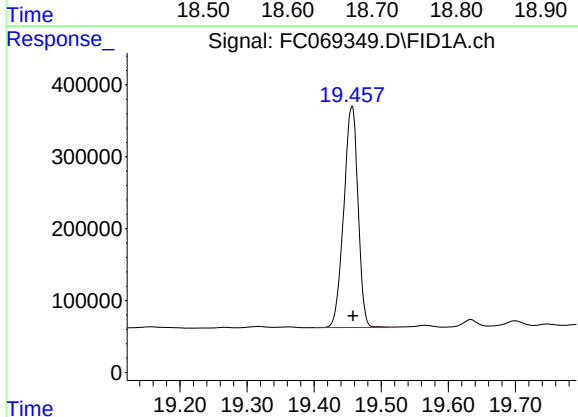
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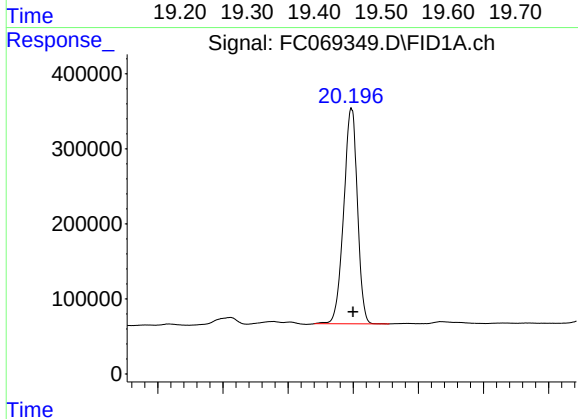
#18 n-Dotriacontane (C32)

R.T.: 18.671 min
Delta R.T.: -0.002 min
Response: 4519697
Conc: 41.34 ug/ml



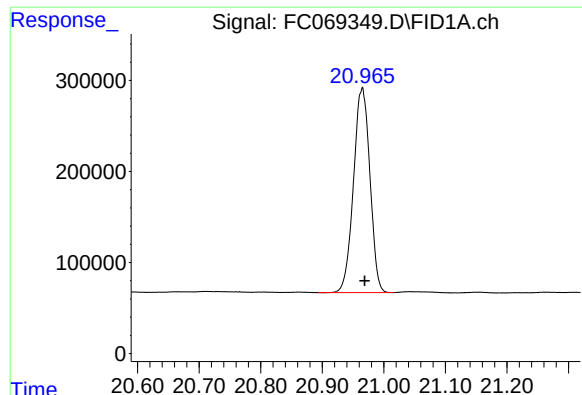
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: -0.002 min
Response: 4548388
Conc: 47.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.197 min
Delta R.T.: -0.003 min
Response: 4204374
Conc: 51.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.965 min
Delta R.T.: -0.004 min
Response: 4162001
Conc: 55.69 ug/ml

Instrument :

FID_C

ClientSampleId :

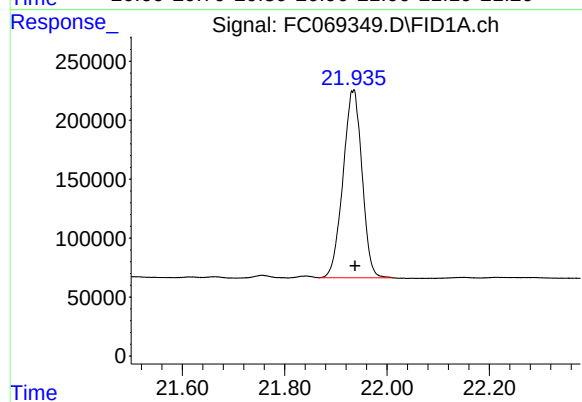
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#22 n-Tetracontane (C40)

R.T.: 21.935 min
Delta R.T.: -0.003 min
Response: 4104128
Conc: 57.95 ug/ml m