

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060225AL\
 Data File : FC069054.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jun 2025 14:25
 Operator : YP/AJ
 Sample : PB168231BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB168231BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/03/2025

Supervised By :mohammad ahmed 06/04/2025

Integration File: autoint1.e

Quant Time: Jun 03 06:14:36 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M

Quant Title : GC Extractables

QLast Update : Tue May 27 01:48:55 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	4654156	37.733 ug/ml
Spiked Amount 50.000		Recovery =	75.47%
12) S 1-chlorooctadecane (S...	13.115	3569810	39.791 ug/ml
Spiked Amount 50.000		Recovery =	79.58%
Target Compounds			
1) T n-Nonane (C9)	3.409	4210160	39.672 ug/ml
2) T n-Decane (C10)	4.481	4368147	41.245 ug/mlm
3) T A~Naphthalene (C11.7)	6.074	5036656	43.556 ug/ml
4) T n-Dodecane (C12)	6.505	4324950	41.142 ug/ml
5) T A~2-methylnaphthalene...	7.133	4548472	40.121 ug/ml
6) T n-Tetradecane (C14)	8.306	4132845	40.319 ug/ml
7) T n-Hexadecane (C16)	9.910	4052981	39.944 ug/ml
8) T n-Octadecane (C18)	11.356	3879618	38.818 ug/ml
10) T n-Eicosane (C20)	12.669	3989584	40.962 ug/ml
11) T n-Heneicosane (C21)	13.281	3825963	39.749 ug/ml
13) T n-Docosane (C22)	13.868	3792907	39.813 ug/ml
14) T n-Tetracosane (C24)	14.963	8021122	85.193 ug/ml
15) T n-Hexacosane (C26)	15.999	3746879	40.358 ug/ml
16) T n-Octacosane (C28)	16.950	3754830	40.395 ug/ml
17) T n-Tricontane (C30)	17.840	3753328	38.791 ug/ml
18) T n-Dotriacontane (C32)	18.675	3775647	38.100 ug/ml
19) T n-Tetratriacontane (C34)	19.459	3898790	40.453 ug/ml
20) T n-Hexatriacontane (C36)	20.202	3784102	39.862 ug/ml
21) T n-Octatriacontane (C38)	20.971	3710541	40.670 ug/ml
22) T n-Tetracontane (C40)	21.940	3369859	38.192 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB168231BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

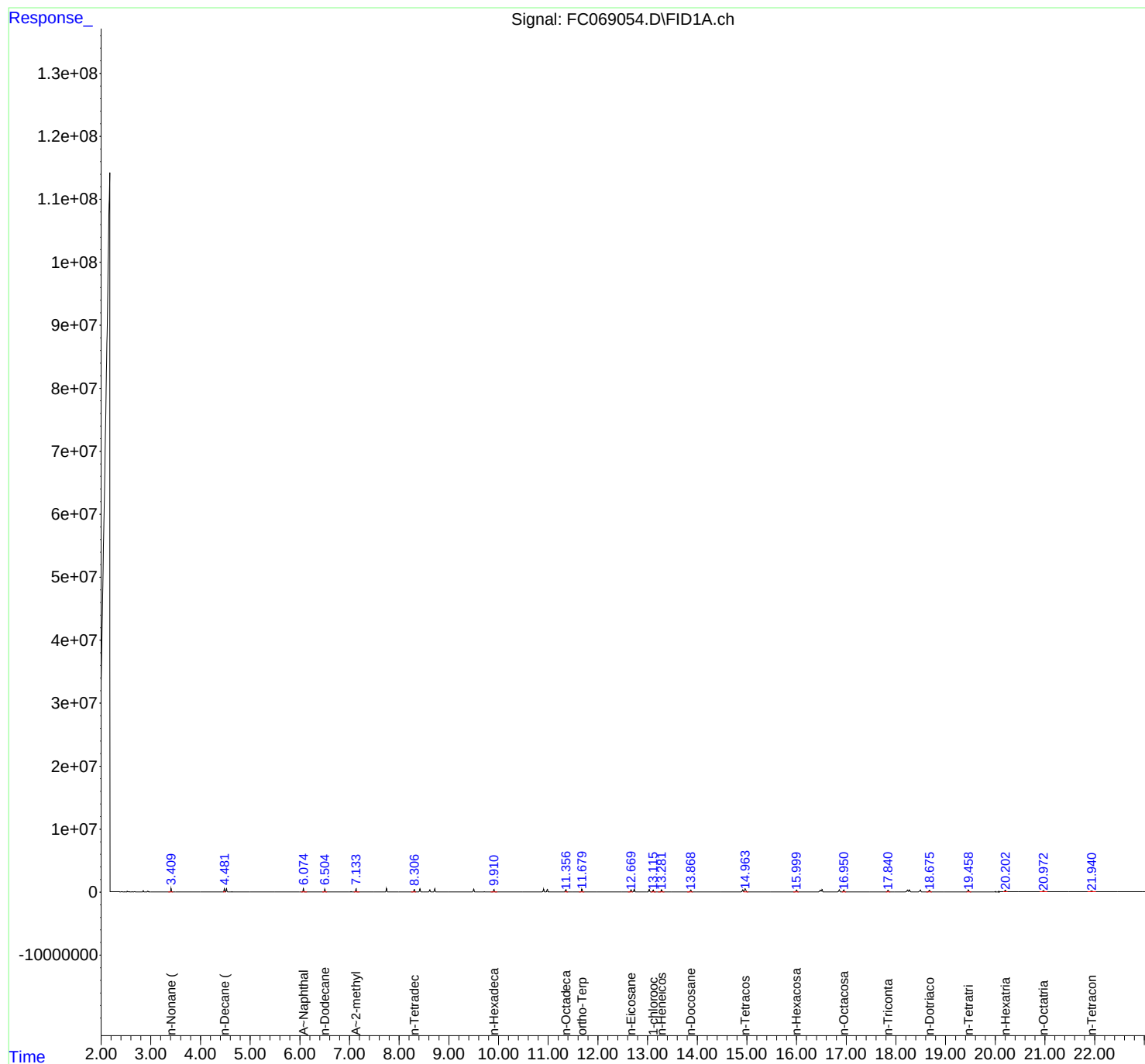
Instrument :
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PB168231BS

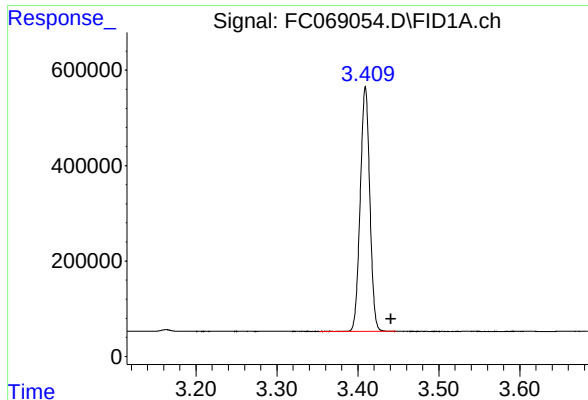
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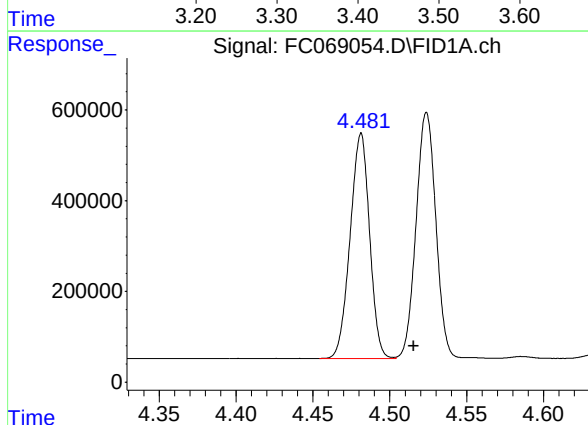
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: -0.032 min
Response: 4210160
Conc: 39.67 ug/ml

Instrument :
FID_C
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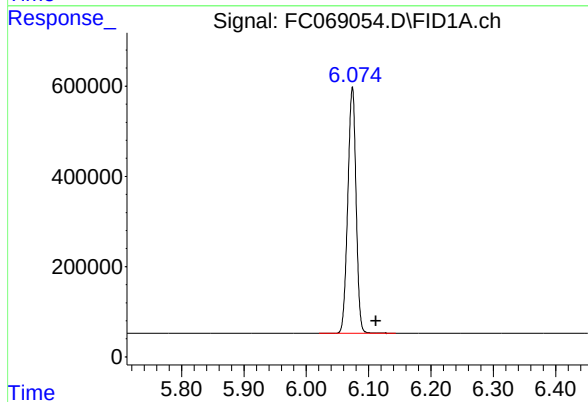
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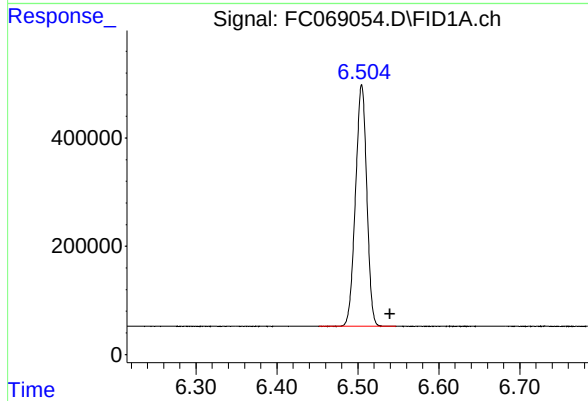
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.034 min
Response: 4368147
Conc: 41.25 ug/ml



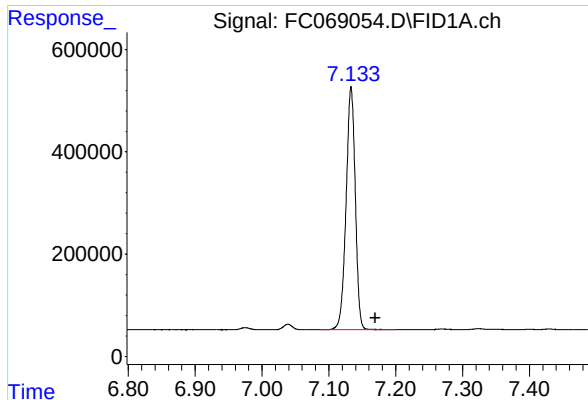
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.038 min
Response: 5036656
Conc: 43.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.035 min
Response: 4324950
Conc: 41.14 ug/ml



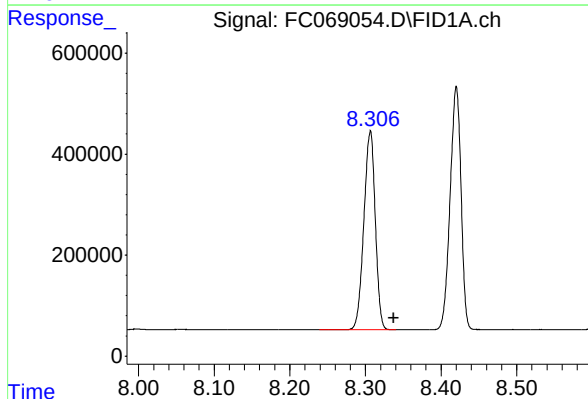
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: -0.037 min
Response: 4548472
Conc: 40.12 ug/ml

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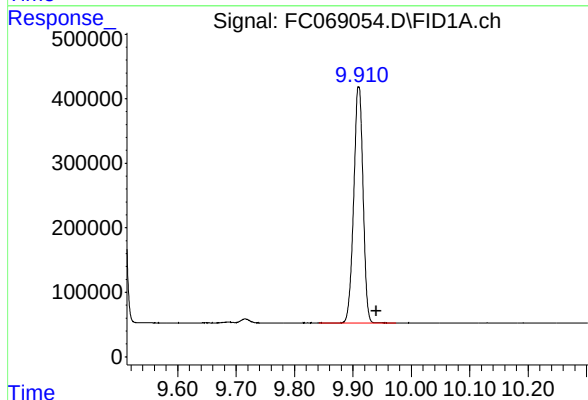
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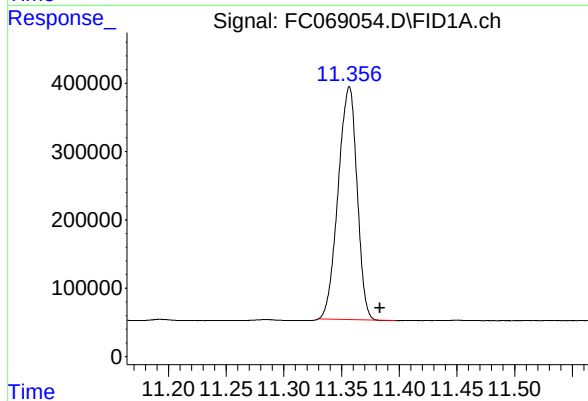
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.031 min
Response: 4132845
Conc: 40.32 ug/ml



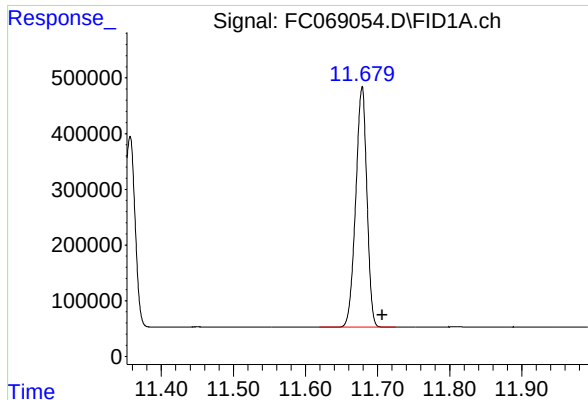
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: -0.030 min
Response: 4052981
Conc: 39.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: -0.027 min
Response: 3879618
Conc: 38.82 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.029 min
Response: 4654156
Conc: 37.73 ug/ml

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FID_C

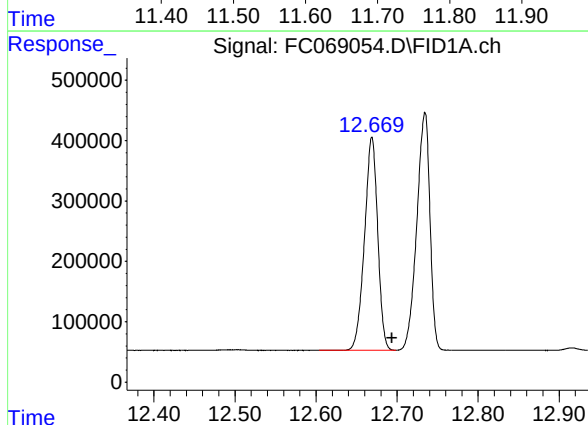
ClientSampleId :

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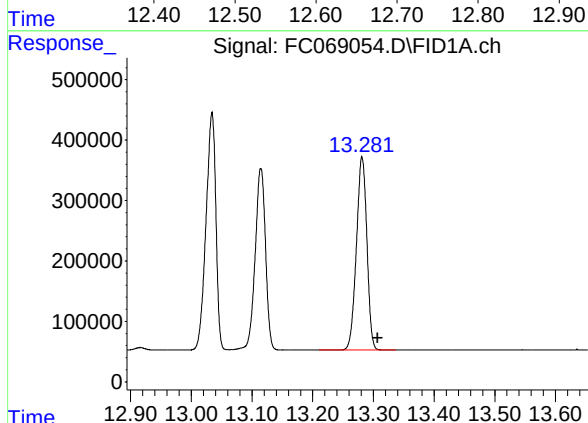
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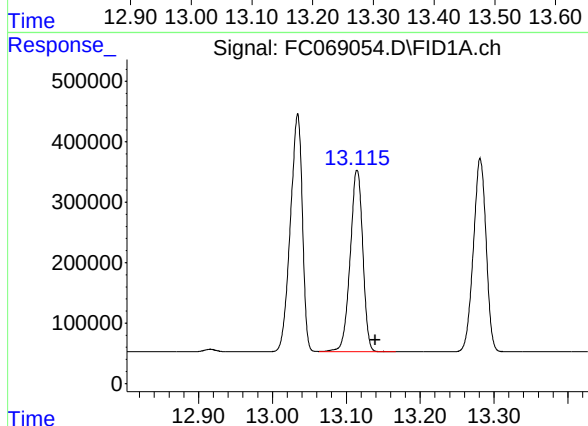
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: -0.025 min
Response: 3989584
Conc: 40.96 ug/ml



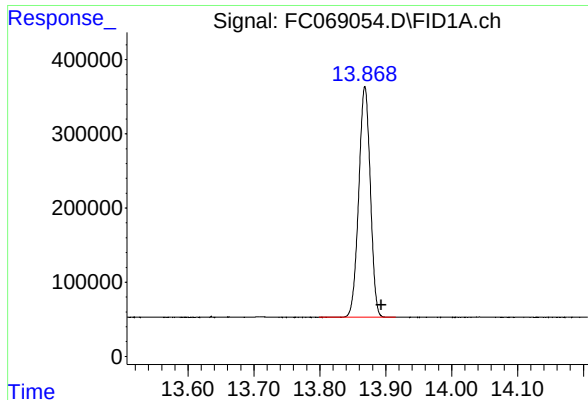
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: -0.026 min
Response: 3825963
Conc: 39.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: -0.025 min
Response: 3569810
Conc: 39.79 ug/ml



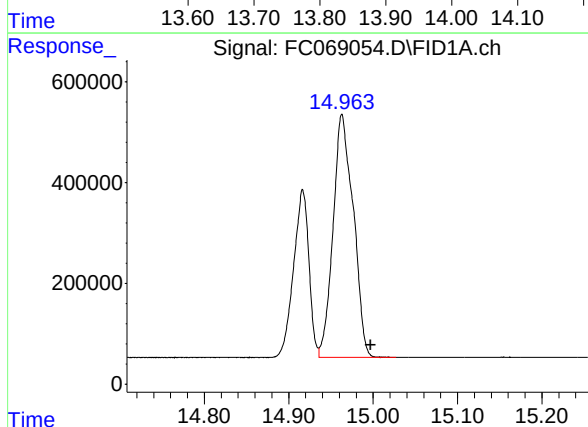
#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: -0.025 min
Response: 3792907
Conc: 39.81 ug/ml

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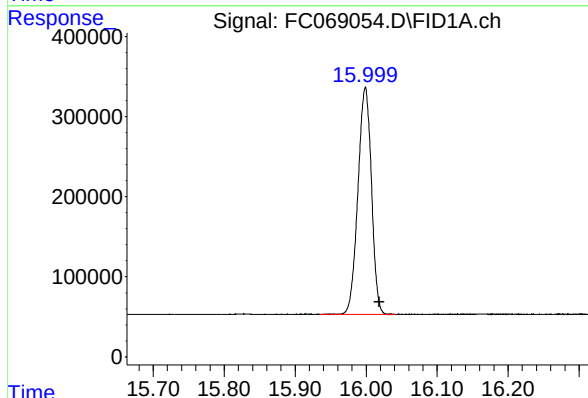
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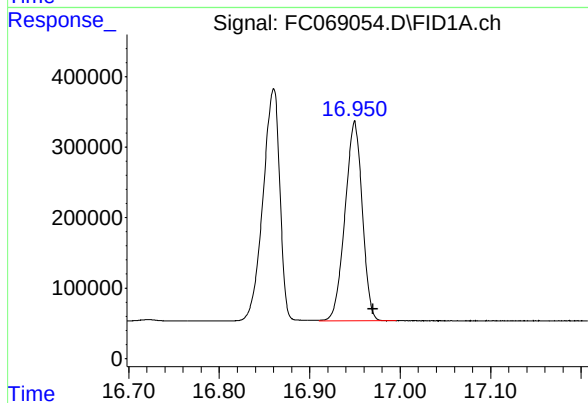
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: -0.034 min
Response: 8021122
Conc: 85.19 ug/ml



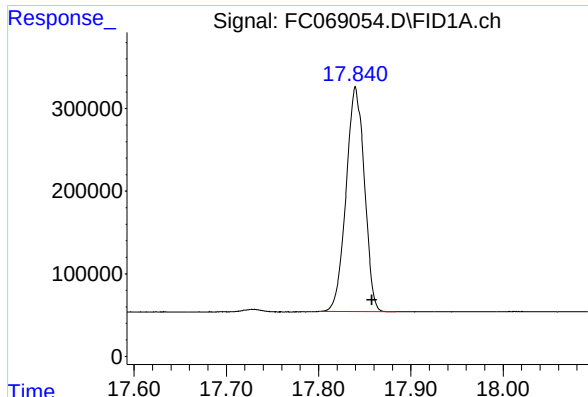
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: -0.020 min
Response: 3746879
Conc: 40.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: -0.020 min
Response: 3754830
Conc: 40.40 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.840 min
Delta R.T.: -0.018 min
Response: 3753328
Conc: 38.79 ug/ml

Instrument :

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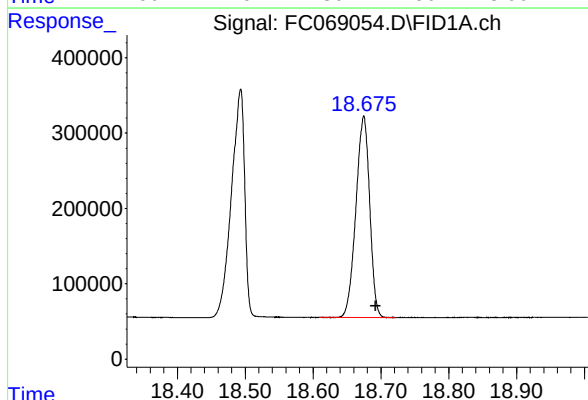
ClientSampleId :

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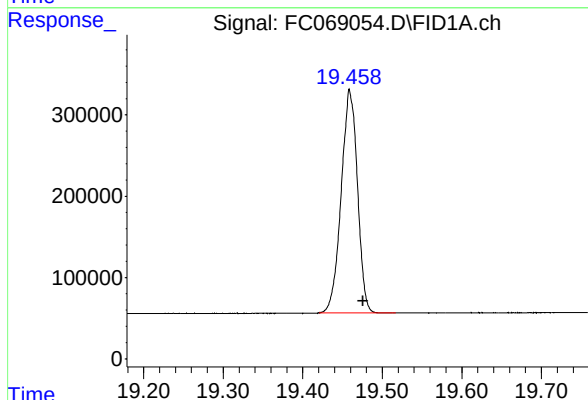
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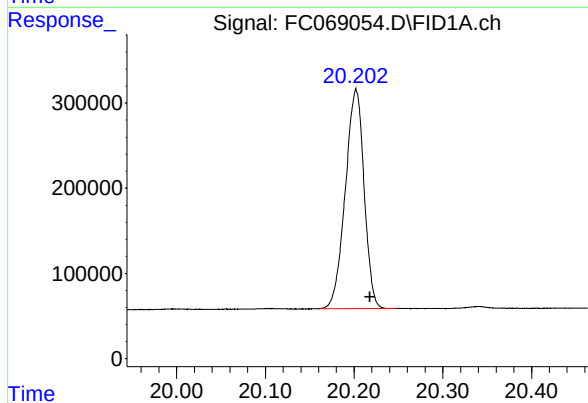
#18 n-Dotriacontane (C32)

R.T.: 18.675 min
Delta R.T.: -0.018 min
Response: 3775647
Conc: 38.10 ug/ml



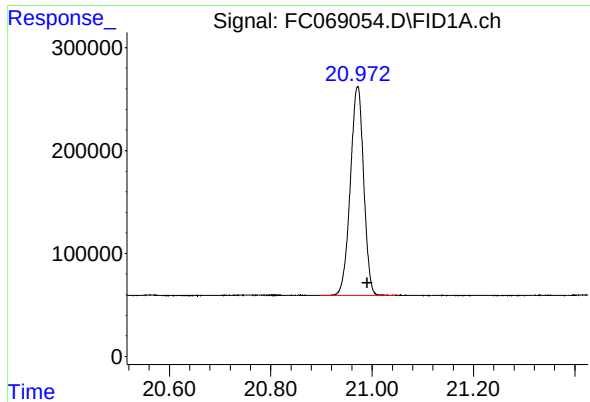
#19 n-Tetatriacontane (C34)

R.T.: 19.459 min
Delta R.T.: -0.016 min
Response: 3898790
Conc: 40.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.202 min
Delta R.T.: -0.016 min
Response: 3784102
Conc: 39.86 ug/ml



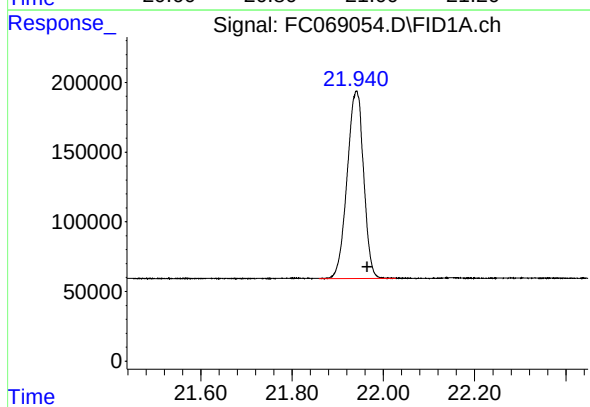
#21 n-Octatriacontane (C38)

R.T.: 20.971 min
Delta R.T.: -0.020 min
Response: 3710541
Conc: 40.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.940 min
Delta R.T.: -0.025 min
Response: 3369859
Conc: 38.19 ug/ml m