

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100125AL\
 Data File : FC069888.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2025 19:21
 Operator : YP/AJ
 Sample : Q3245-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

13-1MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2025

Supervised By :mohammad ahmed 10/03/2025

Integration File: autoint1.e

Quant Time: Oct 01 04:14:13 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M

Quant Title : GC Extractables

Qlast Update : Tue Sep 23 14:56:40 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)	11.647	6055429	32.330 ug/ml
Spiked Amount 50.000		Recovery =	64.66%
12) S 1-chlorooctadecane (S...	13.082	5023539	31.811 ug/ml
Spiked Amount 50.000		Recovery =	63.62%
Target Compounds			
1) T n-Nonane (C9)	3.382	3109623	24.257 ug/ml
2) T n-Decane (C10)	4.456	3660573	27.548 ug/ml
3) T A~Naphthalene (C11.7)	6.049	4483559	30.203 ug/ml
4) T n-Dodecane (C12)	6.479	4305680	30.866 ug/ml
5) T A~2-methylnaphthalene...	7.108	4665685	31.601 ug/ml
6) T n-Tetradecane (C14)	8.278	4935858	33.279 ug/ml
7) T n-Hexadecane (C16)	9.880	5454358	33.051 ug/ml
8) T n-Octadecane (C18)	11.324	5714503	32.064 ug/ml
10) T n-Eicosane (C20)	12.635	5790392	32.149 ug/ml
11) T n-Heneicosane (C21)	13.247	5624031	31.190 ug/ml
13) T n-Docosane (C22)	13.835	5514400	30.353 ug/ml
14) T n-Tetracosane (C24)	14.930	10145645	55.139 ug/ml
15) T n-Hexacosane (C26)	15.961	5003077	27.556 ug/ml
16) T n-Octacosane (C28)	16.910	4767361	27.006 ug/mlm
17) T n-Tricontane (C30)	17.799	4587502	26.210 ug/ml
18) T n-Dotriacontane (C32)	18.632	4218386	26.074 ug/mlm
19) T n-Tetratriacontane (C34)	19.417	4028650	28.827 ug/ml
20) T n-Hexatriacontane (C36)	20.157	3450225	30.560 ug/ml
21) T n-Octatriacontane (C38)	20.913	3198949	33.161 ug/mlm
22) T n-Tetracontane (C40)	21.866	3037372	35.266 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100125AL\
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Operator : YP/AJ
Sample : Q3245-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

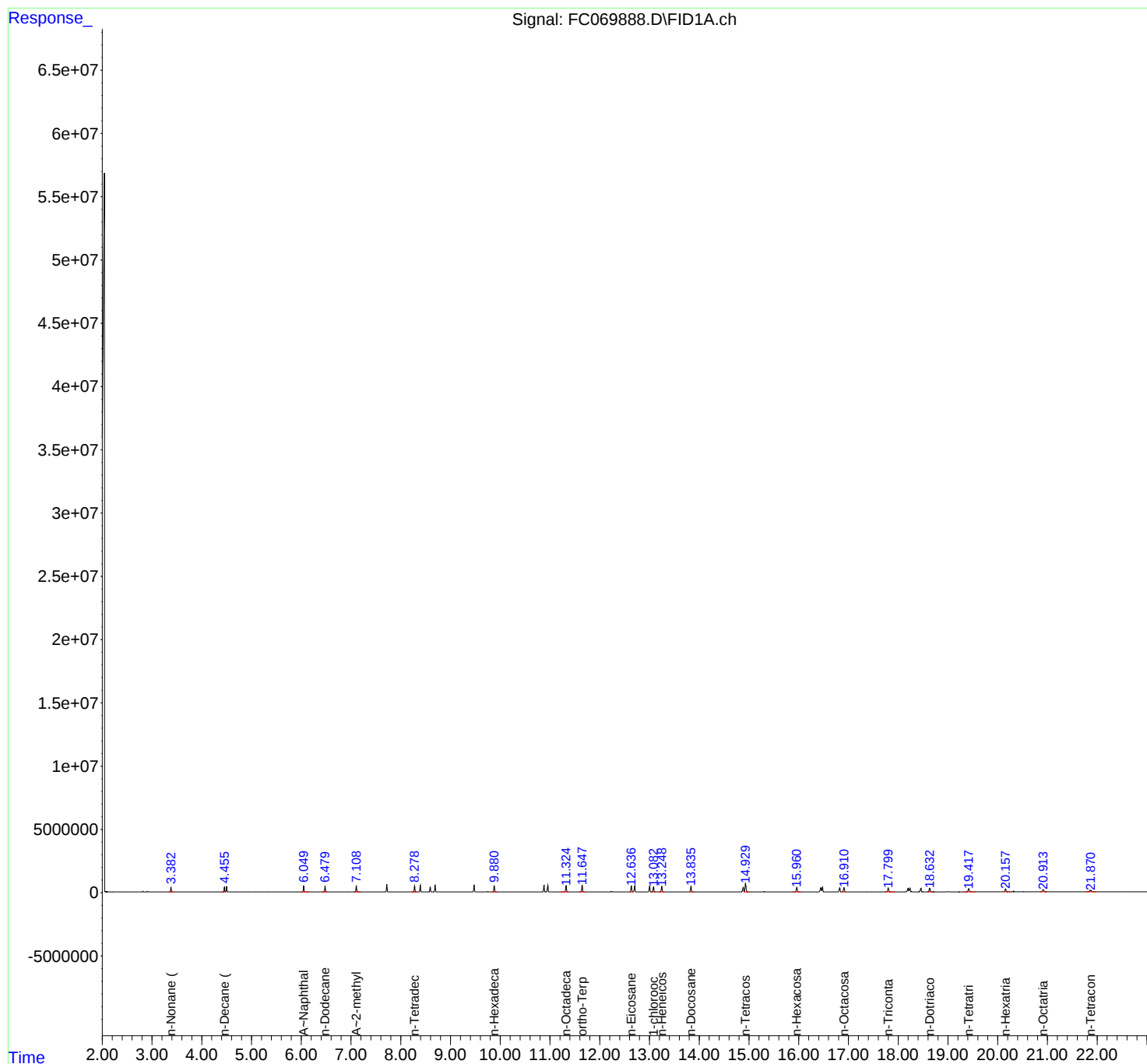
Instrument :
FID_C
ClientSampleId :
13-1MS

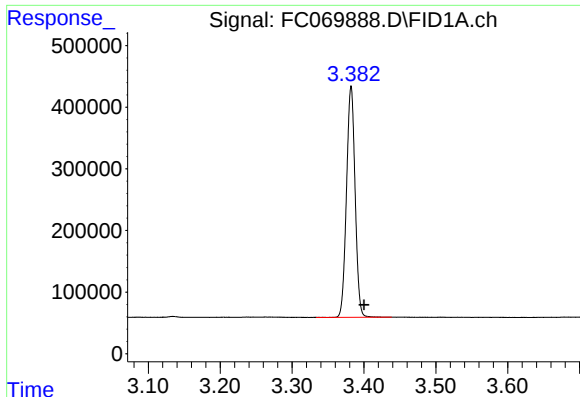
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





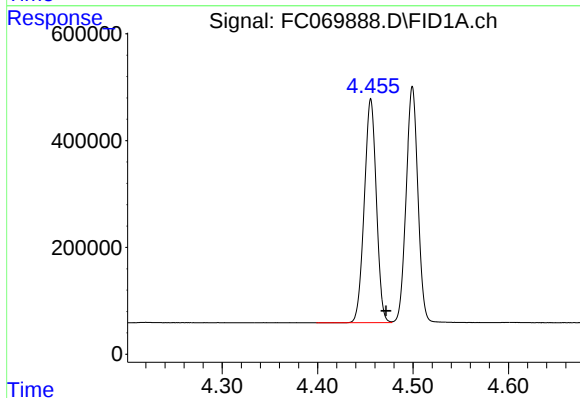
#1 n-Nonane (C9)

R.T.: 3.382 min
Delta R.T.: -0.018 min
Response: 3109623
Conc: 24.26 ug/ml

Instrument :
FID_C
ClientSampleId :
13-1MS

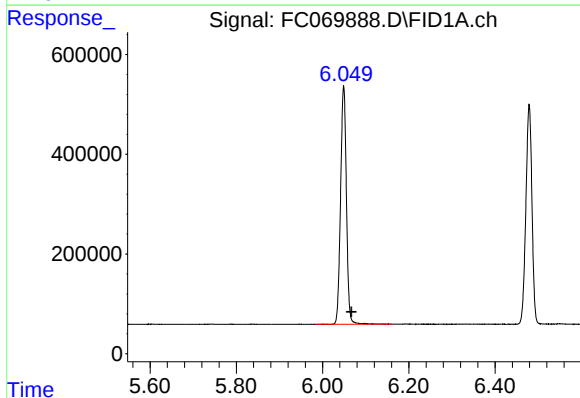
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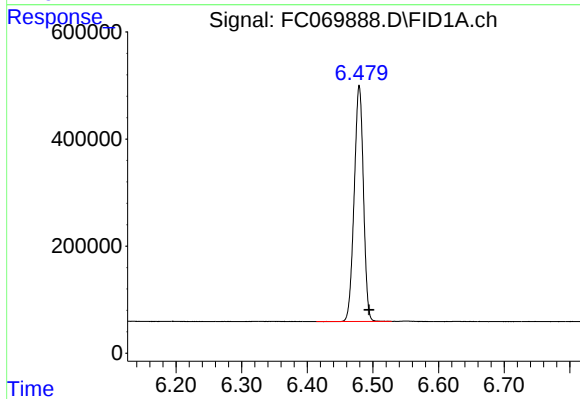
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.016 min
Response: 3660573
Conc: 27.55 ug/ml



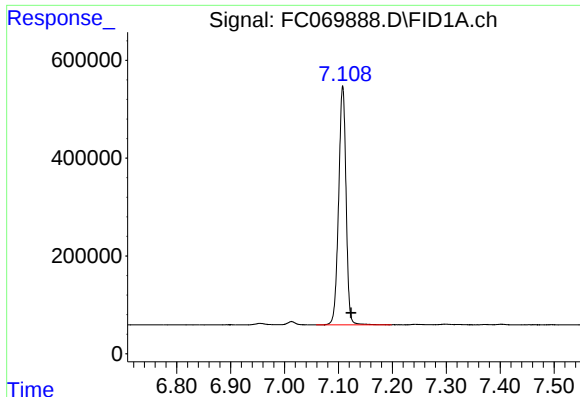
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.018 min
Response: 4483559
Conc: 30.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.479 min
Delta R.T.: -0.015 min
Response: 4305680
Conc: 30.87 ug/ml



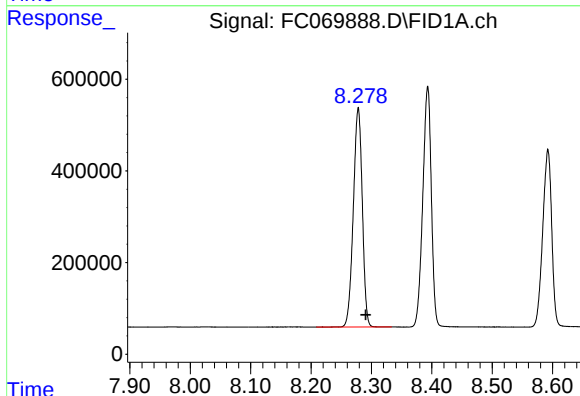
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.108 min
Delta R.T.: -0.016 min
Response: 4665685
Conc: 31.60 ug/ml

Instrument :
FID_C
ClientSampleId :
13-1MS

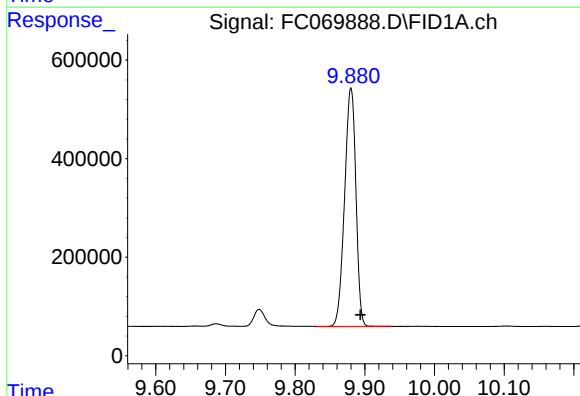
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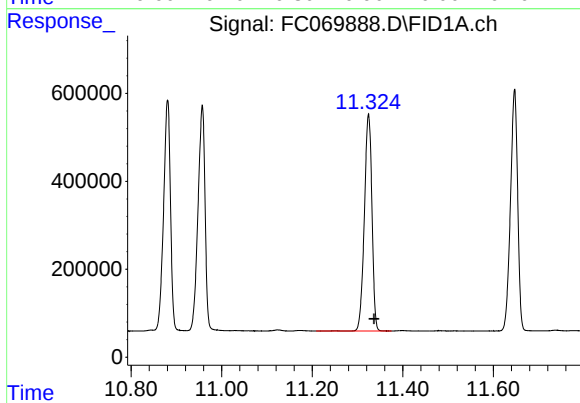
#6 n-Tetradecane (C14)

R.T.: 8.278 min
Delta R.T.: -0.013 min
Response: 4935858
Conc: 33.28 ug/ml



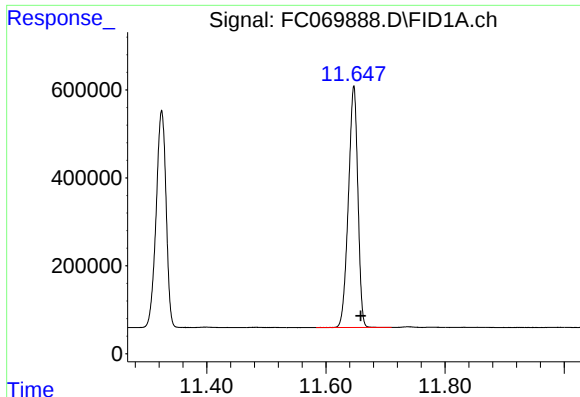
#7 n-Hexadecane (C16)

R.T.: 9.880 min
Delta R.T.: -0.014 min
Response: 5454358
Conc: 33.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.324 min
Delta R.T.: -0.012 min
Response: 5714503
Conc: 32.06 ug/ml



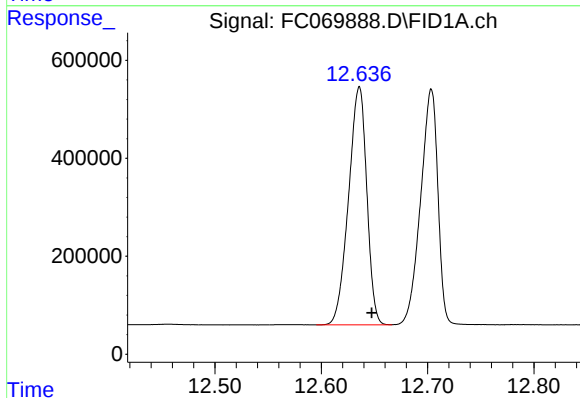
#9 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: -0.012 min
Response: 6055429
Conc: 32.33 ug/ml

Instrument :
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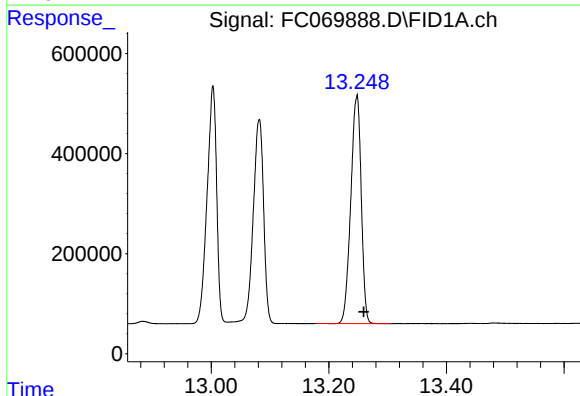
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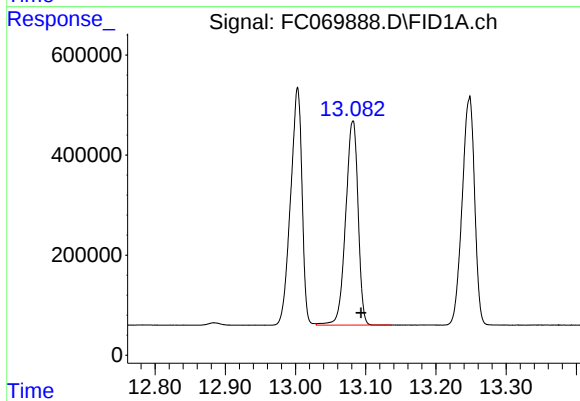
#10 n-Eicosane (C20)

R.T.: 12.635 min
Delta R.T.: -0.012 min
Response: 5790392
Conc: 32.15 ug/ml



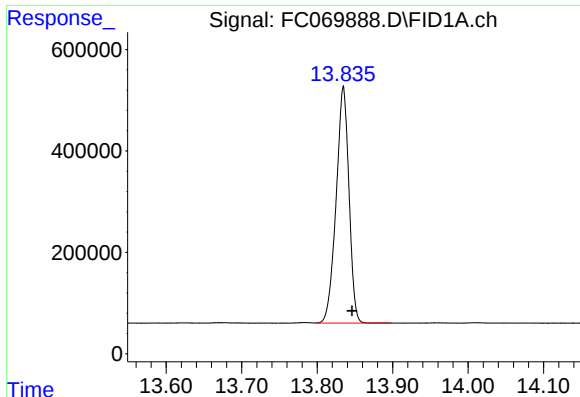
#11 n-Heneicosane (C21)

R.T.: 13.247 min
Delta R.T.: -0.012 min
Response: 5624031
Conc: 31.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: -0.012 min
Response: 5023539
Conc: 31.81 ug/ml



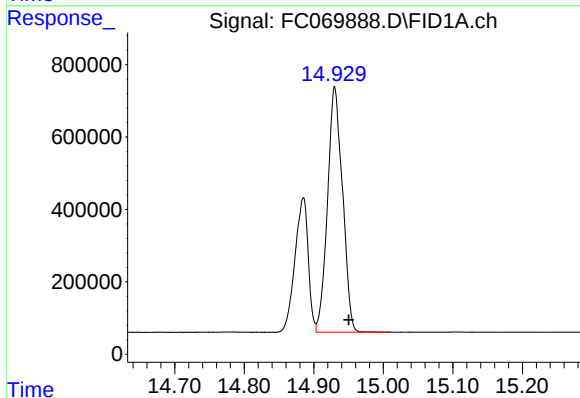
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: -0.012 min
Response: 5514400
Conc: 30.35 ug/ml

Instrument :
FID_C
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13-1MS

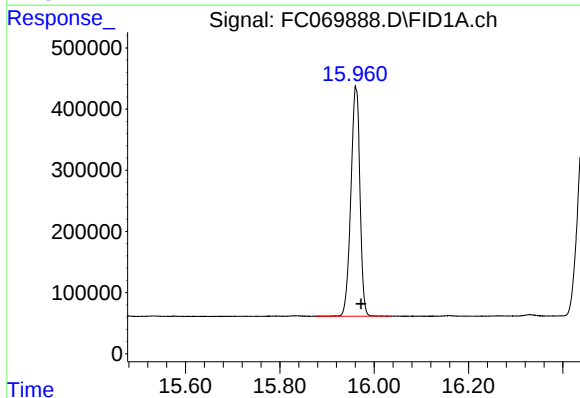
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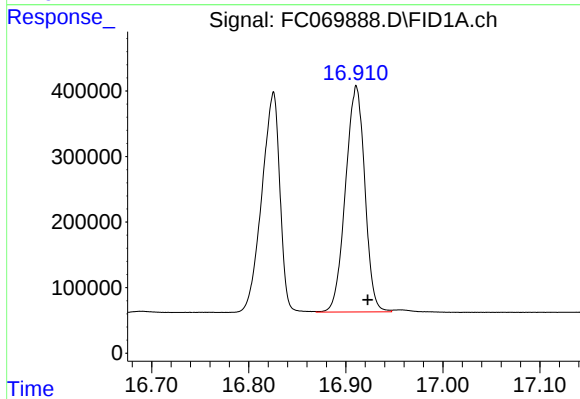
#14 n-Tetracosane (C24)

R.T.: 14.930 min
Delta R.T.: -0.020 min
Response: 10145645
Conc: 55.14 ug/ml



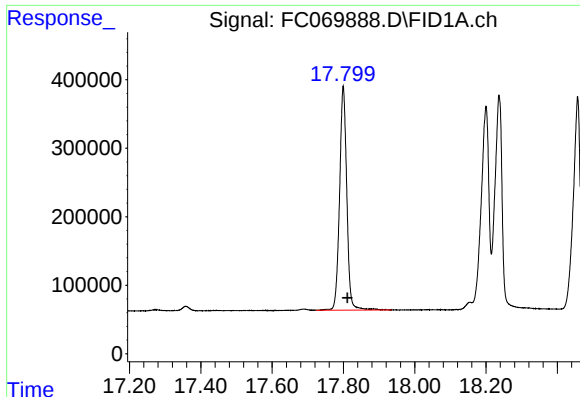
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: -0.011 min
Response: 5003077
Conc: 27.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: -0.012 min
Response: 4767361
Conc: 27.01 ug/ml m



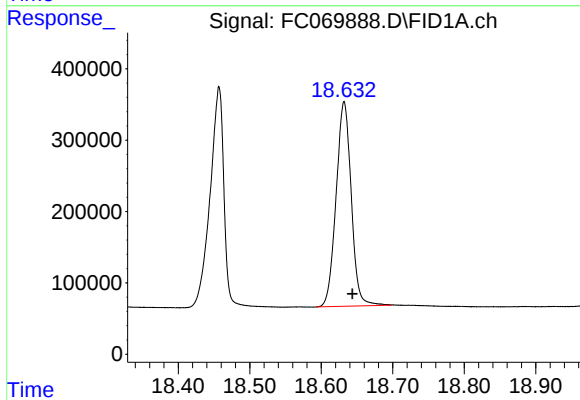
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: -0.011 min
Response: 4587502
Conc: 26.21 ug/ml

Instrument :
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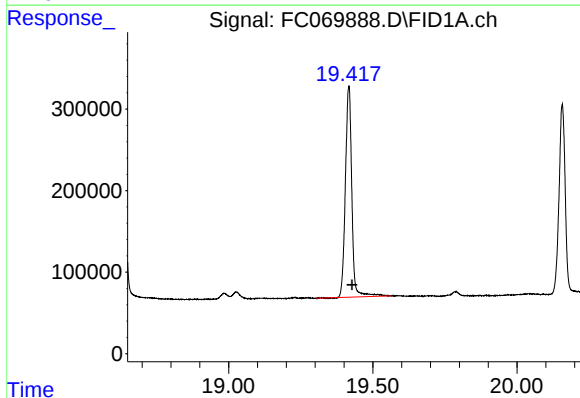
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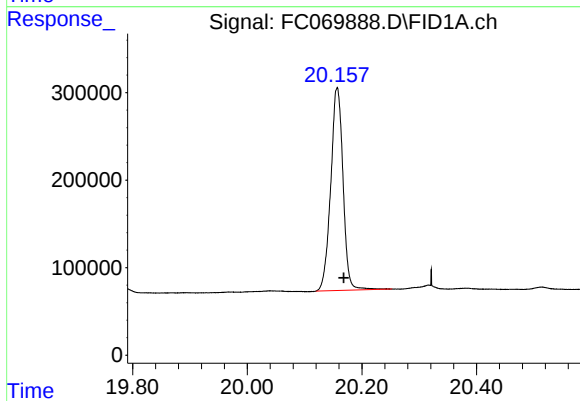
#18 n-Dotriacontane (C32)

R.T.: 18.632 min
Delta R.T.: -0.012 min
Response: 4218386
Conc: 26.07 ug/ml m



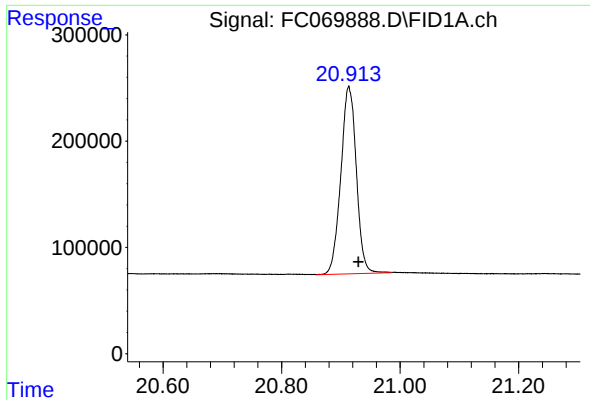
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min
Delta R.T.: -0.011 min
Response: 4028650
Conc: 28.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.157 min
Delta R.T.: -0.011 min
Response: 3450225
Conc: 30.56 ug/ml



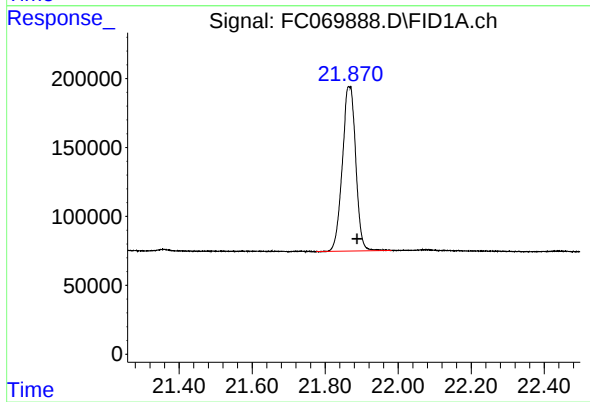
#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: -0.016 min
Response: 3198949
Conc: 33.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.866 min
Delta R.T.: -0.022 min
Response: 3037372
Conc: 35.27 ug/ml