

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062525AL\
 Data File : FC069283.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jun 2025 14:14
 Operator : YP/AJ
 Sample : Q2392-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

S-1MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/26/2025

Supervised By :mohammad ahmed 06/27/2025

Integration File: autoint1.e

Quant Time: Jun 26 05:17:54 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			
12) S 1-chlorooctadecane (S...	13.113	4440516	33.990 ug/ml
Spiked Amount 50.000		Recovery =	67.98%
Target Compounds			
1) T n-Nonane (C9)	3.410	2685697	18.884 ug/ml
2) T n-Decane (C10)	4.481	3328922	22.739 ug/ml
4) T n-Dodecane (C12)	6.506	3864852	25.523 ug/ml
6) T n-Tetradecane (C14)	8.305	4426494	28.557 ug/ml
7) T n-Hexadecane (C16)	9.910	5014697	30.687 ug/mlm
8) T n-Octadecane (C18)	11.355	5212345	31.925 ug/ml
10) T n-Eicosane (C20)	12.667	5258445	34.450 ug/ml
11) T n-Heneicosane (C21)	13.280	4962671	33.670 ug/ml
13) T n-Docosane (C22)	13.867	4861604	33.789 ug/ml
14) T n-Tetracosane (C24)	14.972	4674380	33.889 ug/ml
15) T n-Hexacosane (C26)	15.995	4415786	33.780 ug/ml
16) T n-Octacosane (C28)	16.946	4157058	33.707 ug/ml
17) T n-Tricontane (C30)	17.834	3974321	33.430 ug/ml
18) T n-Dotriacontane (C32)	18.669	3847897	35.193 ug/ml
19) T n-Tetratriacontane (C34)	19.456	3756137	38.897 ug/ml
20) T n-Hexatriacontane (C36)	20.196	3677618	44.625 ug/ml
21) T n-Octatriacontane (C38)	20.966	3727202	49.875 ug/ml
22) T n-Tetracontane (C40)	21.936	3673590	51.875 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : Q2392-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

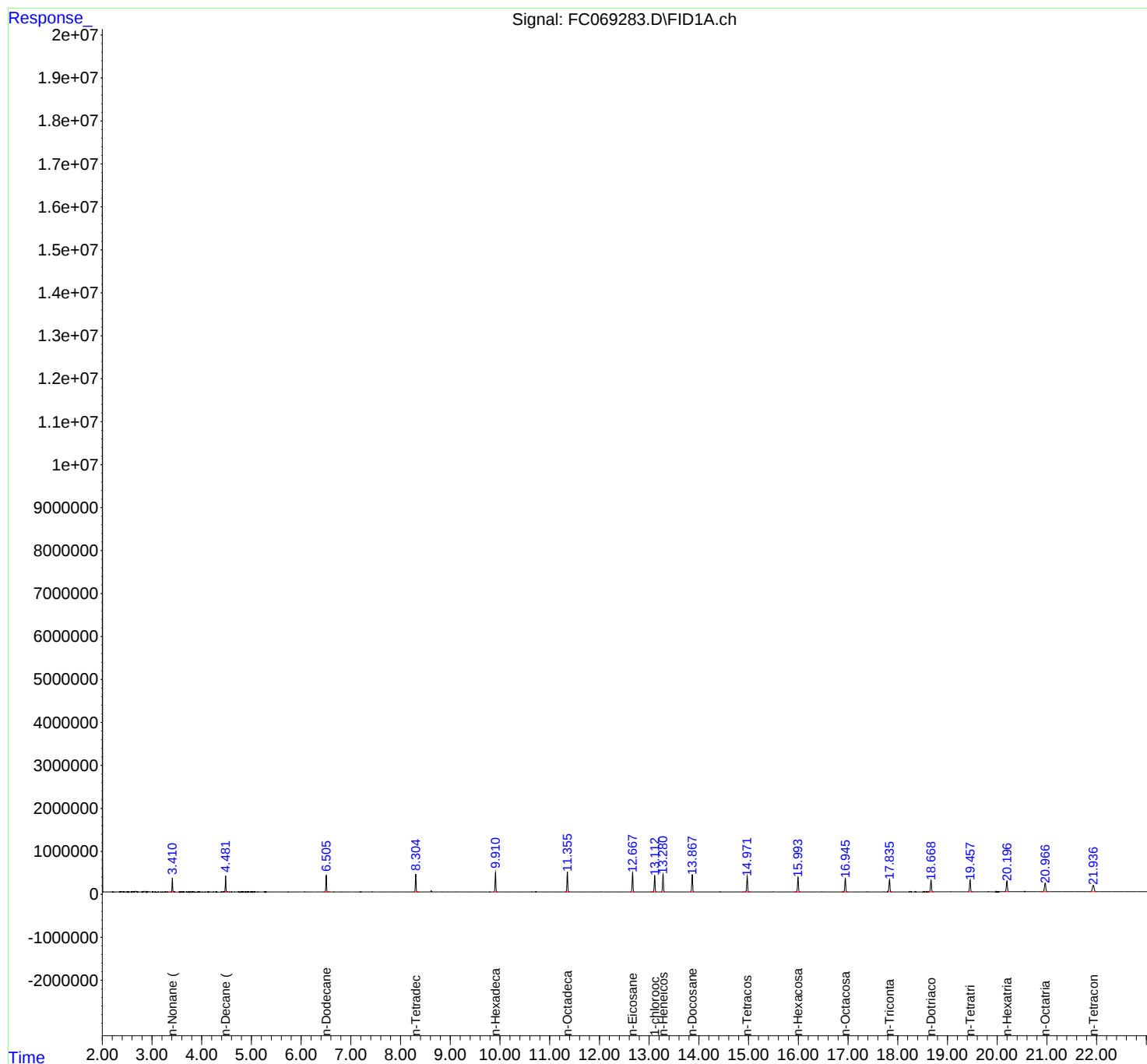
Instrument :
FID_C
ClientSampleId :
S-1MS

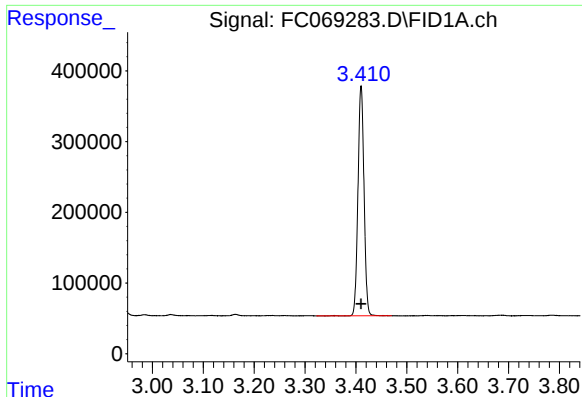
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 2685697
Conc: 18.88 ug/ml

Instrument :

FID_C

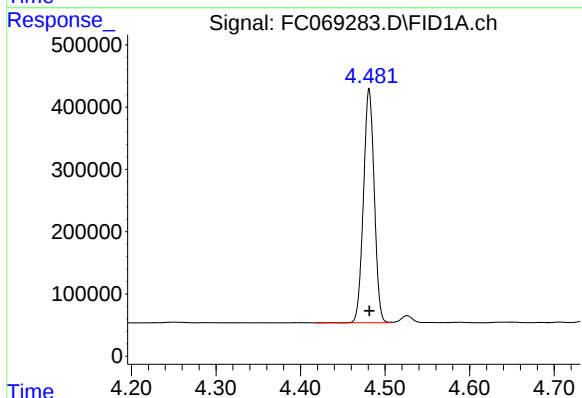
ClientSampleId :

S-1MS

Manual Integrations

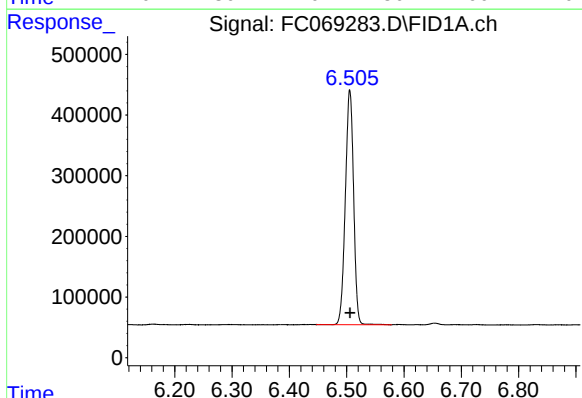
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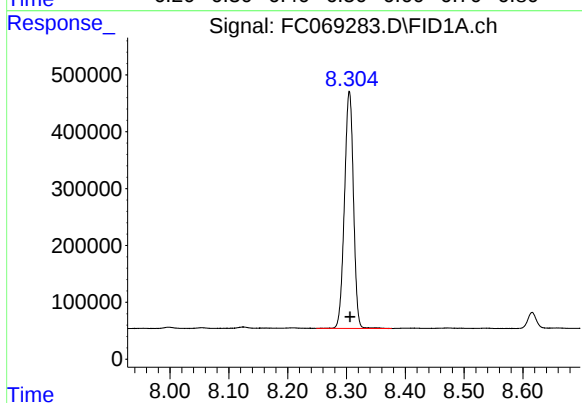
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 3328922
Conc: 22.74 ug/ml



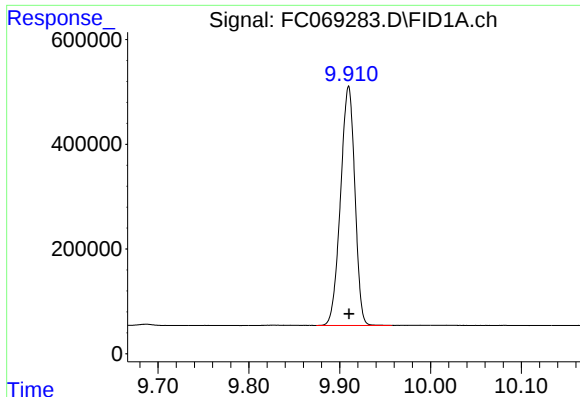
#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 3864852
Conc: 25.52 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: -0.001 min
Response: 4426494
Conc: 28.56 ug/ml



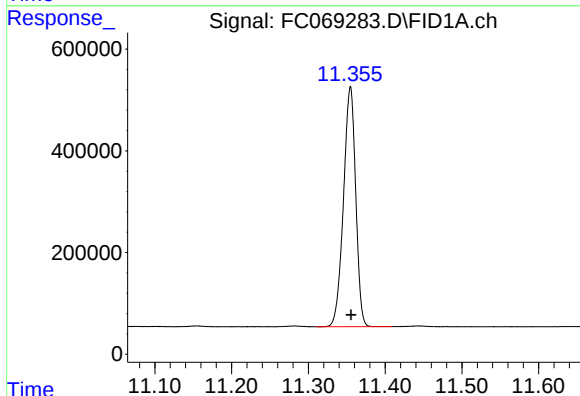
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: 0.000 min
Response: 5014697
Conc: 30.69 ug/ml

Instrument :
FID_C
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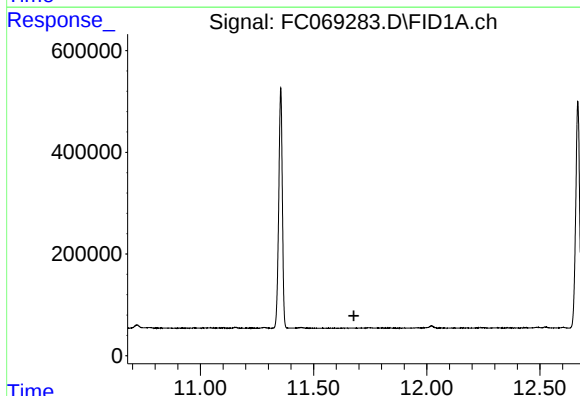
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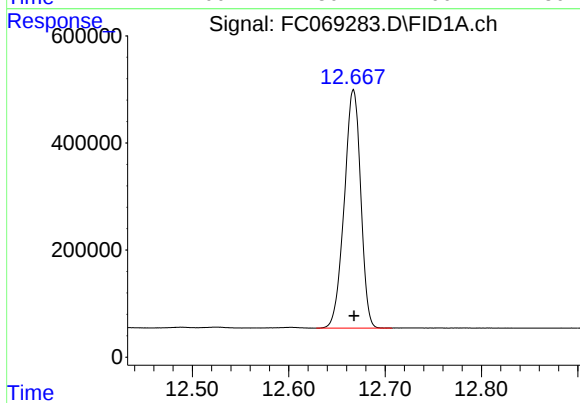
#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 5212345
Conc: 31.92 ug/ml



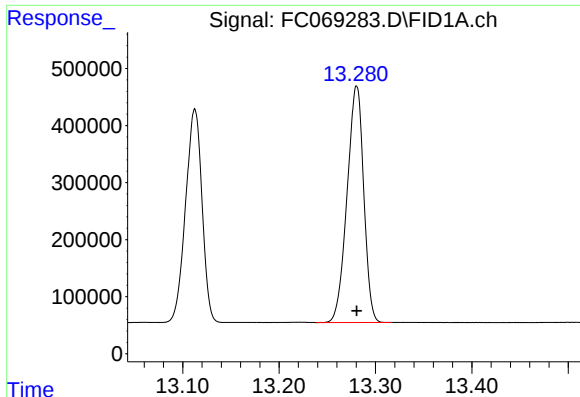
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.678 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: 0.000 min
Response: 5258445
Conc: 34.45 ug/ml



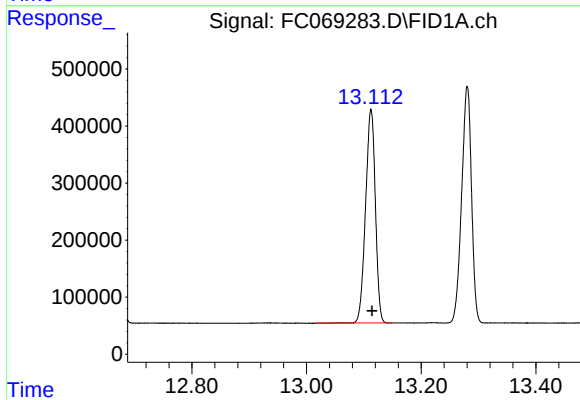
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: 0.000 min
Response: 4962671
Conc: 33.67 ug/ml

Instrument :
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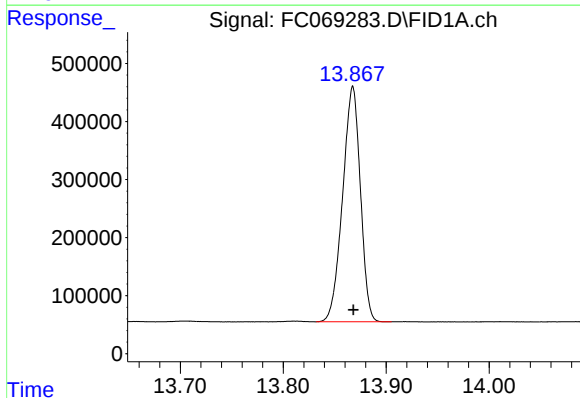
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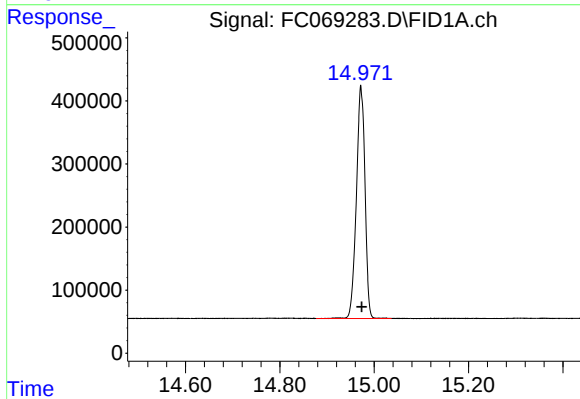
#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: -0.002 min
Response: 4440516
Conc: 33.99 ug/ml



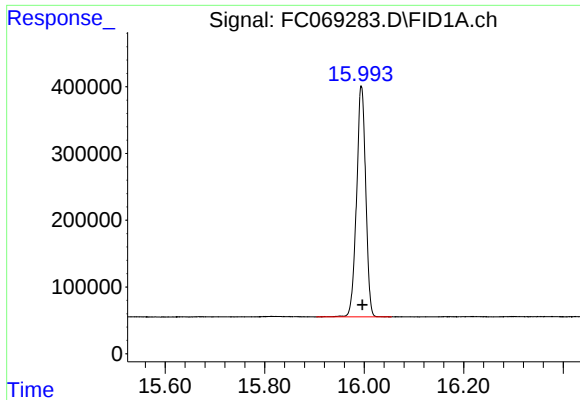
#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: 0.000 min
Response: 4861604
Conc: 33.79 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.972 min
Delta R.T.: -0.001 min
Response: 4674380
Conc: 33.89 ug/ml



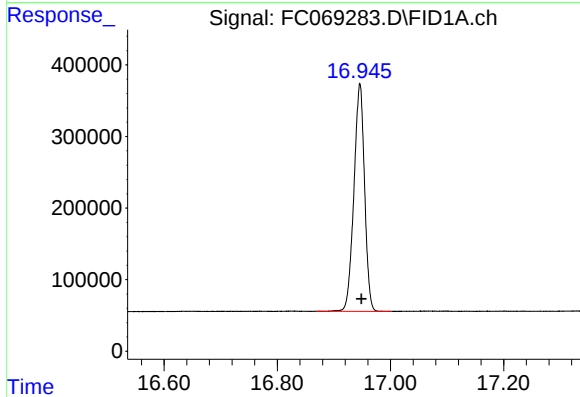
#15 n-Hexacosane (C26)

R.T.: 15.995 min
Delta R.T.: -0.002 min
Response: 4415786
Conc: 33.78 ug/ml

Instrument :
FID_C
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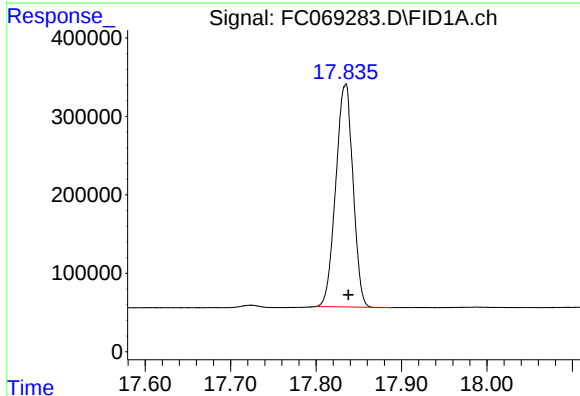
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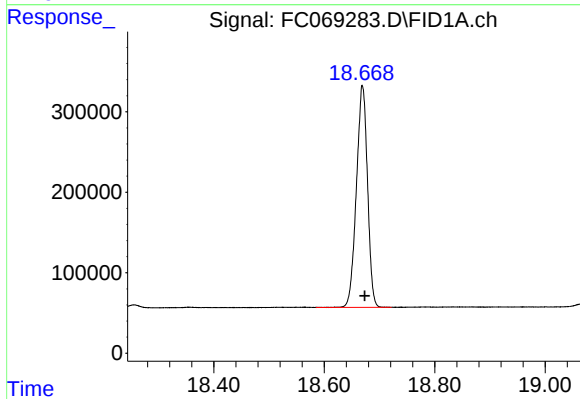
#16 n-Octacosane (C28)

R.T.: 16.946 min
Delta R.T.: -0.003 min
Response: 4157058
Conc: 33.71 ug/ml



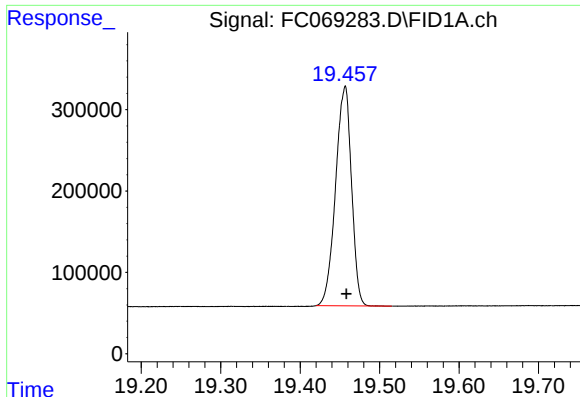
#17 n-Tricontane (C30)

R.T.: 17.834 min
Delta R.T.: -0.004 min
Response: 3974321
Conc: 33.43 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.669 min
Delta R.T.: -0.004 min
Response: 3847897
Conc: 35.19 ug/ml



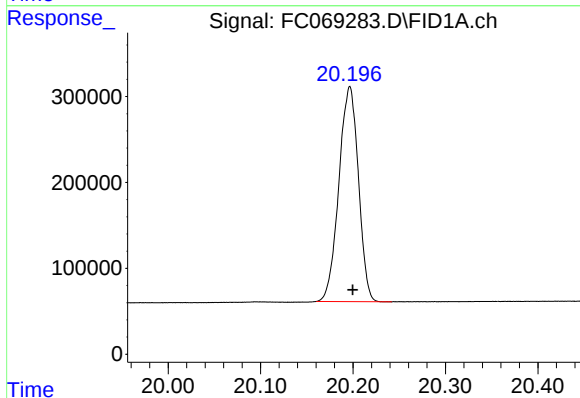
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: -0.002 min
Response: 3756137
Conc: 38.90 ug/ml

Instrument :
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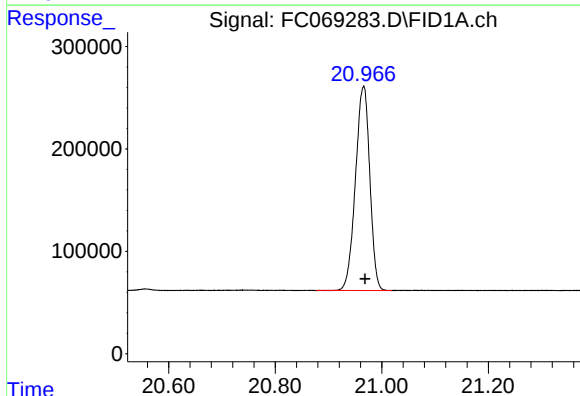
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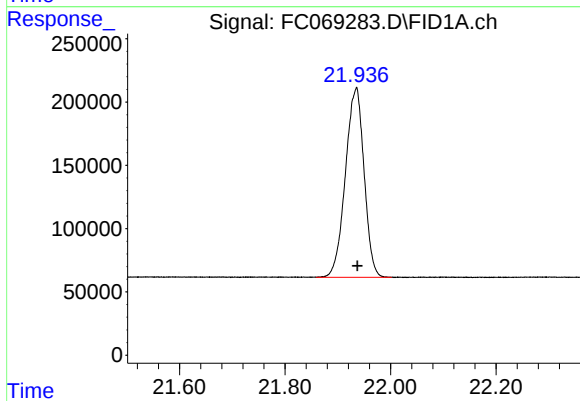
#20 n-Hexatriacontane (C36)

R.T.: 20.196 min
Delta R.T.: -0.003 min
Response: 3677618
Conc: 44.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: -0.003 min
Response: 3727202
Conc: 49.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: -0.002 min
Response: 3673590
Conc: 51.88 ug/ml m