

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100125AL\
 Data File : FC069878.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2025 11:56
 Operator : YP/AJ
 Sample : PB169879BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169879BS

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 02:07:04 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			
12) S 1-chlorooctadecane (S...	13.081	5368492	33.995 ug/ml
Spiked Amount 50.000		Recovery =	67.99%
Target Compounds			
1) T n-Nonane (C9)	3.385	2657473	20.730 ug/ml
2) T n-Decane (C10)	4.456	3395482	25.553 ug/ml
4) T n-Dodecane (C12)	6.479	4109095	29.456 ug/ml
6) T n-Tetradecane (C14)	8.277	4552096	30.691 ug/ml
7) T n-Hexadecane (C16)	9.880	4957349	30.040 ug/ml
8) T n-Octadecane (C18)	11.323	5224036	29.312 ug/ml
10) T n-Eicosane (C20)	12.635	5594634	31.062 ug/ml
11) T n-Heneicosane (C21)	13.247	5424734	30.085 ug/ml
13) T n-Docosane (C22)	13.834	5361359	29.511 ug/ml
14) T n-Tetracosane (C24)	14.938	5271015	28.646 ug/ml
15) T n-Hexacosane (C26)	15.960	5055310	27.844 ug/ml
16) T n-Octacosane (C28)	16.910	4832098	27.373 ug/ml
17) T n-Tricontane (C30)	17.799	4688040	26.784 ug/ml
18) T n-Dotriacontane (C32)	18.631	4430289	27.384 ug/mlm
19) T n-Tetratriacontane (C34)	19.415	4096982	29.316 ug/ml
20) T n-Hexatriacontane (C36)	20.155	3498648	30.989 ug/ml
21) T n-Octatriacontane (C38)	20.913	3219914	33.379 ug/mlm
22) T n-Tetracontane (C40)	21.864	3004183	34.881 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB169879BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

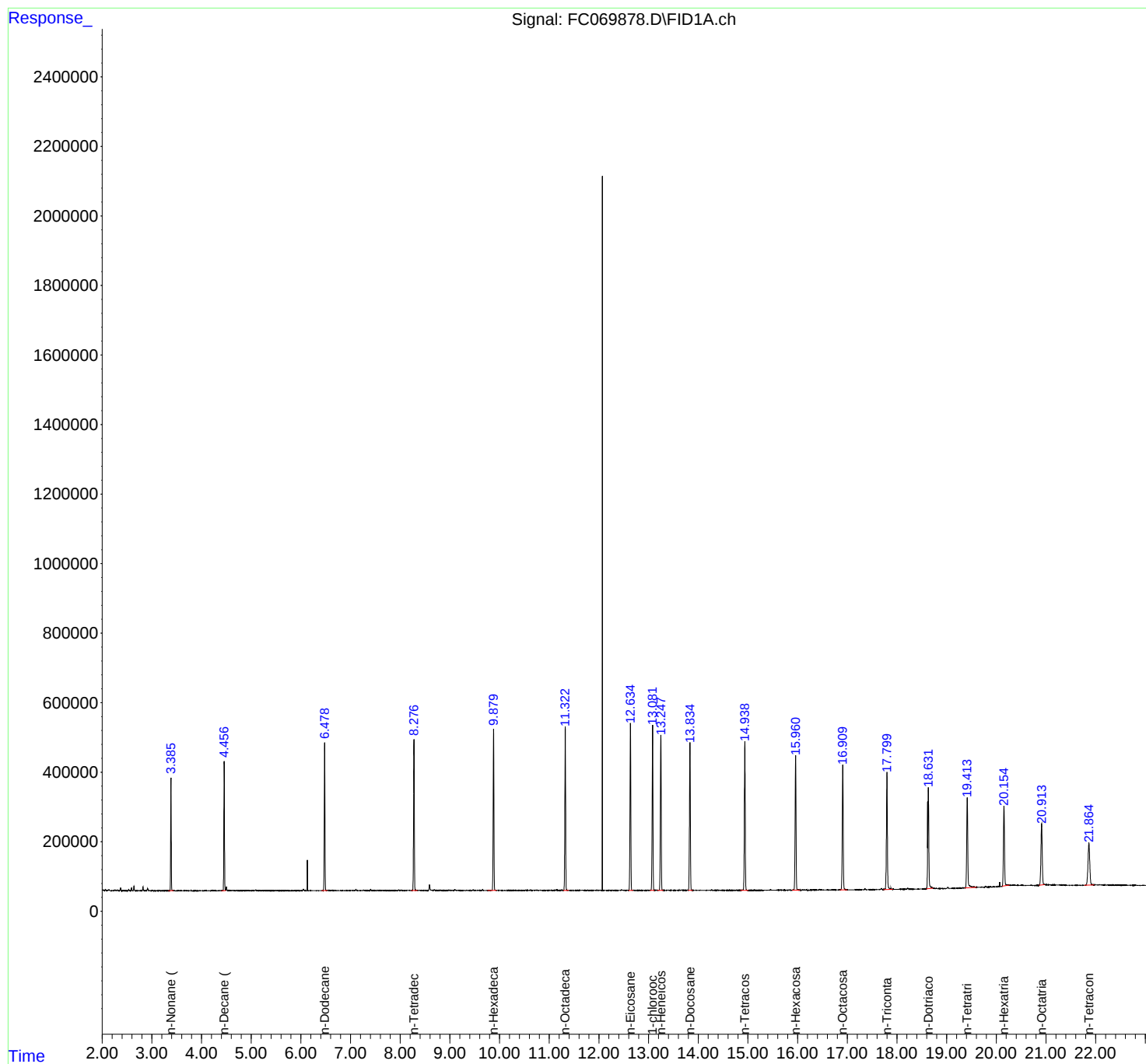
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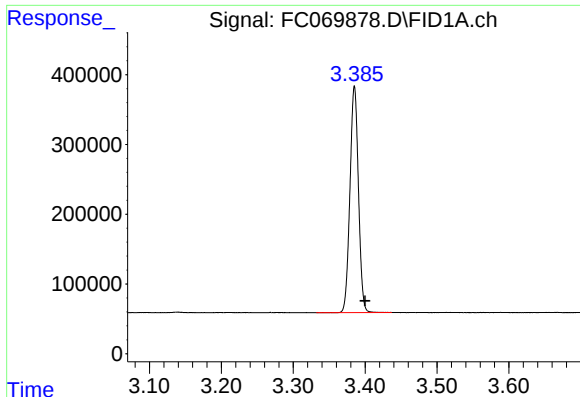
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.385 min
Delta R.T.: -0.015 min
Response: 2657473
Conc: 20.73 ug/ml

Instrument :

FID_C

ClientSampleId :

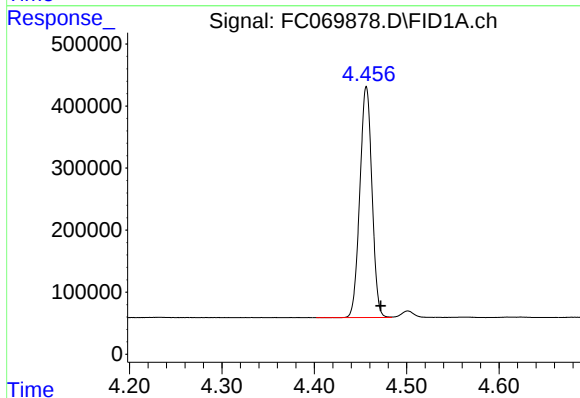
PB169879BS

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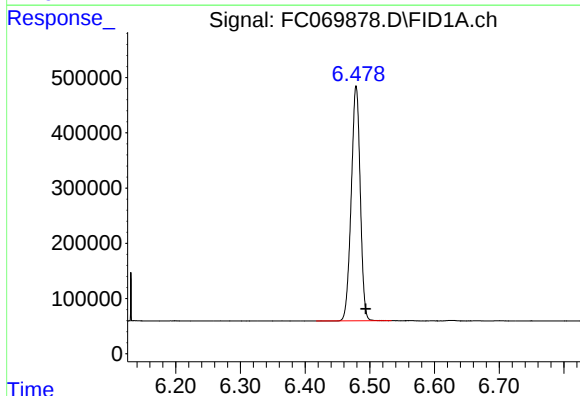
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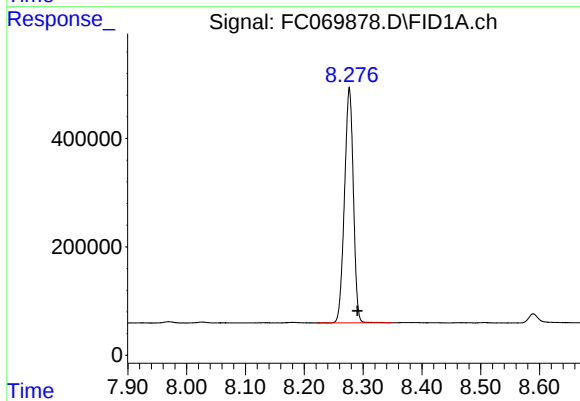
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.015 min
Response: 3395482
Conc: 25.55 ug/ml



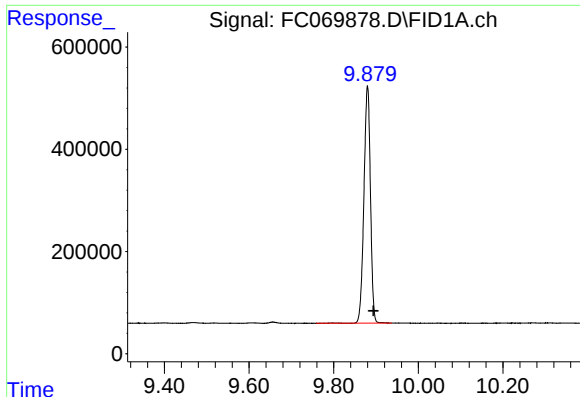
#4 n-Dodecane (C12)

R.T.: 6.479 min
Delta R.T.: -0.015 min
Response: 4109095
Conc: 29.46 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.277 min
Delta R.T.: -0.014 min
Response: 4552096
Conc: 30.69 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.880 min
Delta R.T.: -0.014 min
Response: 4957349
Conc: 30.04 ug/ml

Instrument :

FID_C

ClientSampleId :

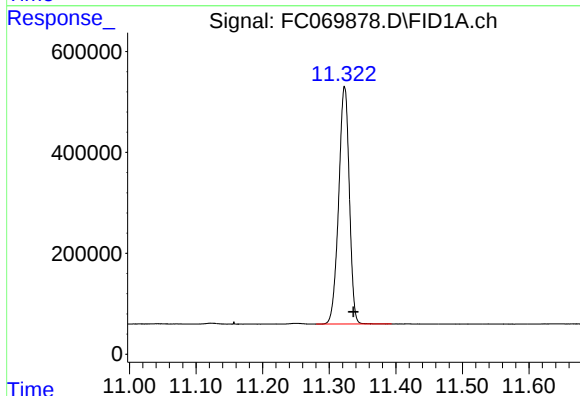
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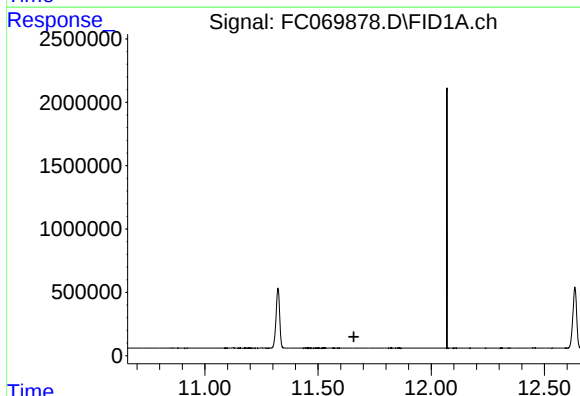
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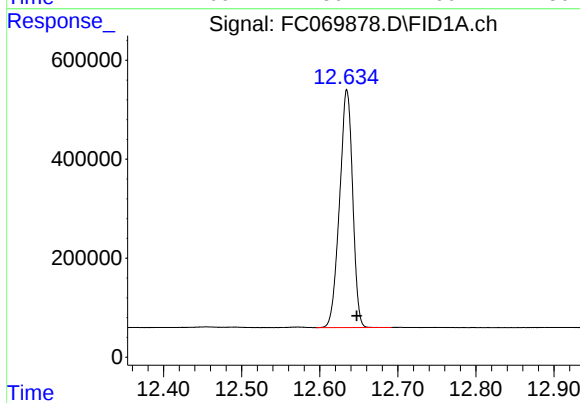
#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: -0.014 min
Response: 5224036
Conc: 29.31 ug/ml



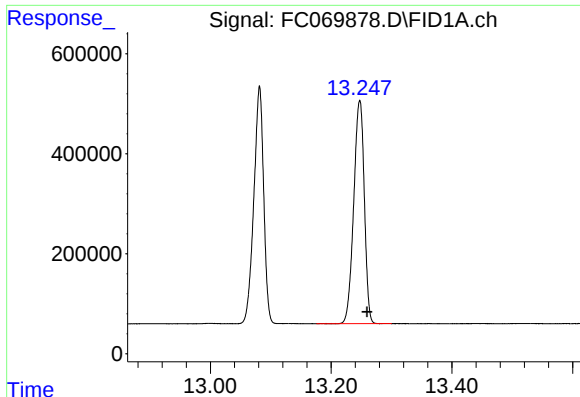
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.658 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.635 min
Delta R.T.: -0.013 min
Response: 5594634
Conc: 31.06 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.247 min
Delta R.T.: -0.012 min
Response: 5424734
Conc: 30.08 ug/ml

Instrument :

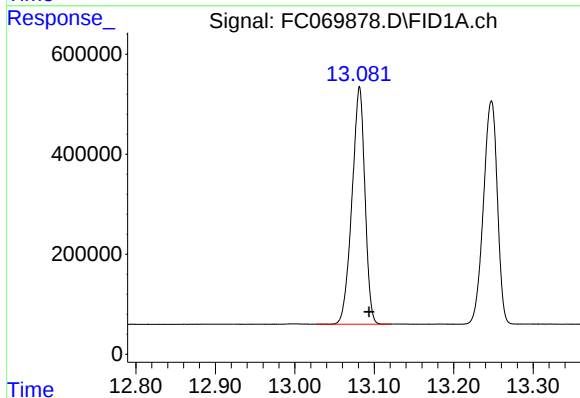
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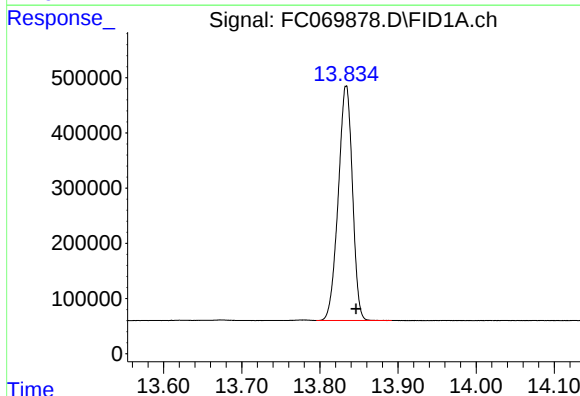
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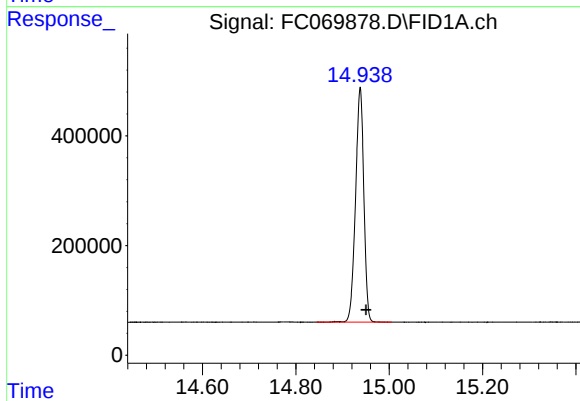
#12 1-chlorooctadecane (SURR)

R.T.: 13.081 min
Delta R.T.: -0.012 min
Response: 5368492
Conc: 34.00 ug/ml



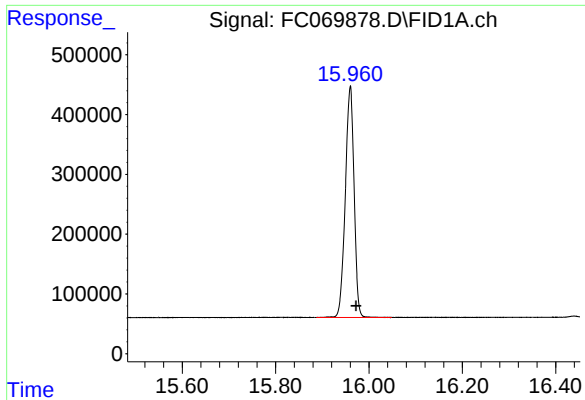
#13 n-Docosane (C22)

R.T.: 13.834 min
Delta R.T.: -0.013 min
Response: 5361359
Conc: 29.51 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: -0.013 min
Response: 5271015
Conc: 28.65 ug/ml



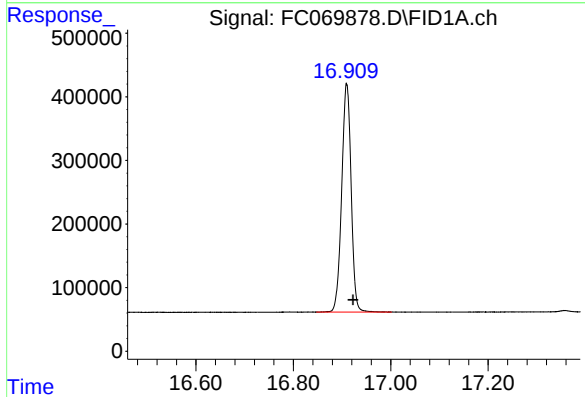
#15 n-Hexacosane (C26)

R.T.: 15.960 min
Delta R.T.: -0.013 min
Response: 5055310
Conc: 27.84 ug/ml

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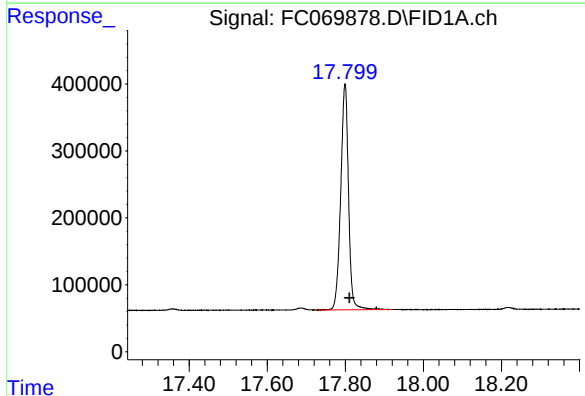
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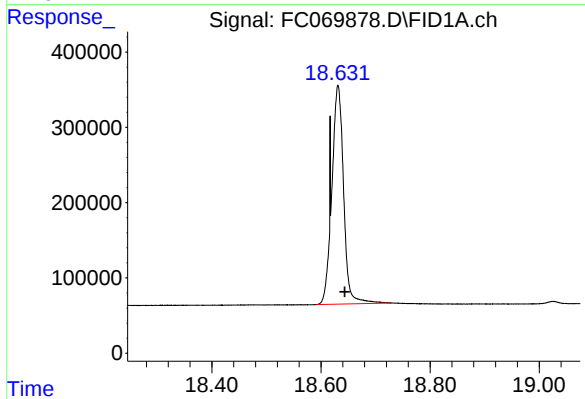
#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: -0.013 min
Response: 4832098
Conc: 27.37 ug/ml



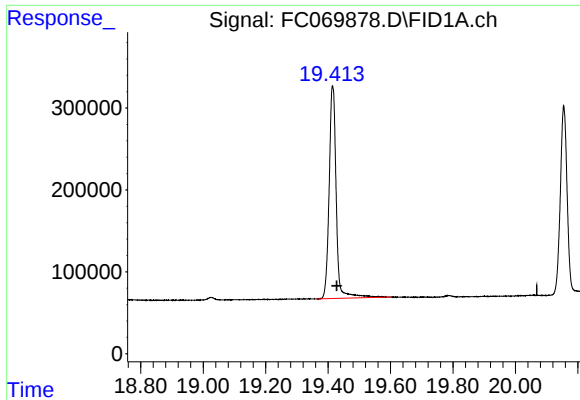
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: -0.012 min
Response: 4688040
Conc: 26.78 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: -0.013 min
Response: 4430289
Conc: 27.38 ug/ml m



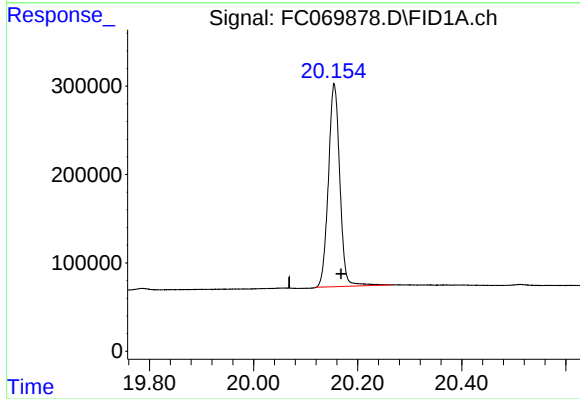
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: -0.013 min
Response: 4096982
Conc: 29.32 ug/ml

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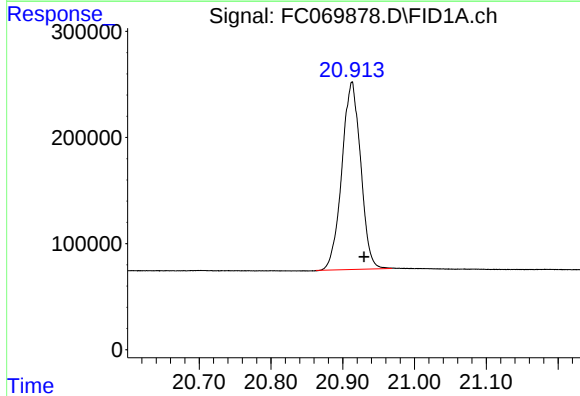
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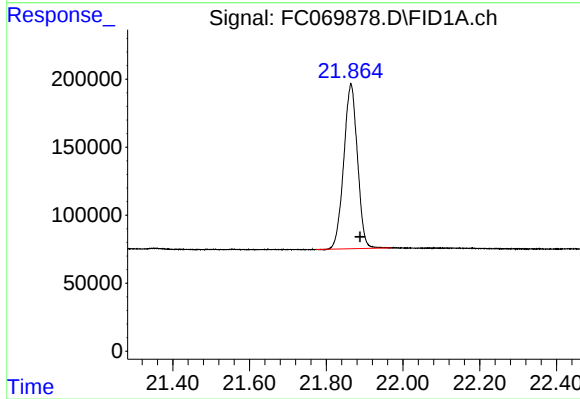
#20 n-Hexatriacontane (C36)

R.T.: 20.155 min
Delta R.T.: -0.013 min
Response: 3498648
Conc: 30.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: -0.016 min
Response: 3219914
Conc: 33.38 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.864 min
Delta R.T.: -0.023 min
Response: 3004183
Conc: 34.88 ug/ml