

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062124AL\
 Data File : FC066669.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jun 2024 18:29
 Operator : YP/AJ
 Sample : P2915-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-NORTH-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Ankita Jodhani 06/24/2024

Integration File: autoint1.e
 Quant Time: Jun 22 02:58:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 2024
 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...	12.971	3085240	22.360 ug/ml
Spiked Amount 50.000		Recovery =	44.72%
Target Compounds			
1) T n-Nonane (C9)	3.295	2312577	15.917 ug/ml
2) T n-Decane (C10)	4.361	2921418	19.586 ug/ml
4) T n-Dodecane (C12)	6.379	3340567	22.042 ug/ml
6) T n-Tetradecane (C14)	8.175	3784841	24.952 ug/ml
7) T n-Hexadecane (C16)	9.776	4328700	27.023 ug/ml
8) T n-Octadecane (C18)	11.217	4722785	28.463 ug/ml
10) T n-Eicosane (C20)	12.528	4912229	30.217 ug/ml
11) T n-Heneicosane (C21)	13.140	4770553	29.608 ug/ml
13) T n-Docosane (C22)	13.726	4777733	29.801 ug/ml
14) T n-Tetracosane (C24)	14.828	4725122	29.772 ug/ml
15) T n-Hexacosane (C26)	15.848	4559500	29.860 ug/ml
16) T n-Octacosane (C28)	16.797	4336197	30.061 ug/ml
17) T n-Tricontane (C30)	17.684	4212566	30.151 ug/ml
18) T n-Dotriacontane (C32)	18.517	4105567	31.109 ug/ml
19) T n-Tetratriacontane (C34)	19.300	4011661	32.437 ug/ml
20) T n-Hexatriacontane (C36)	20.041	3876809	32.167 ug/ml
21) T n-Octatriacontane (C38)	20.770	3903336	34.135 ug/ml
22) T n-Tetracontane (C40)	21.670	3722079	33.141 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P2915-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

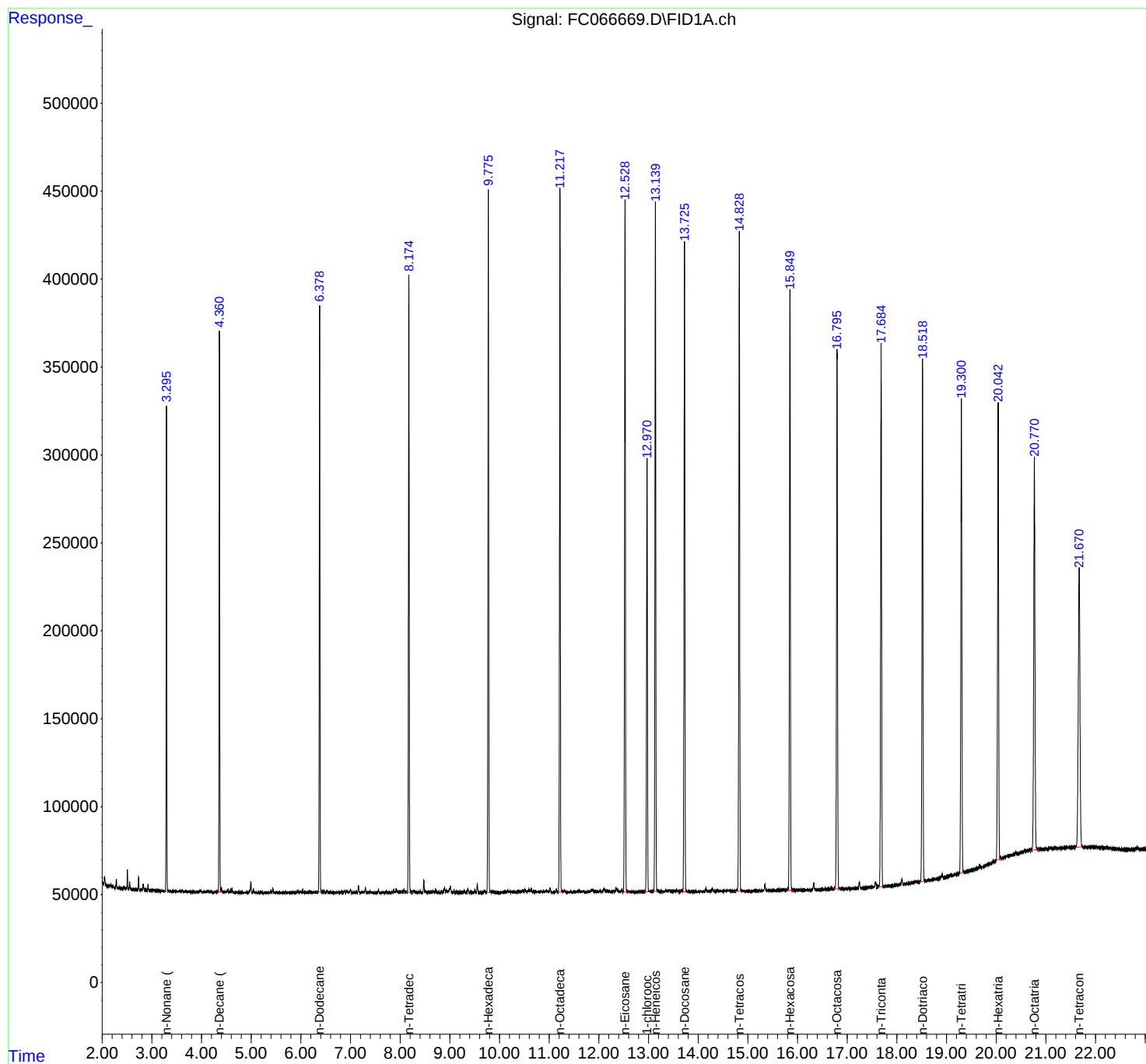
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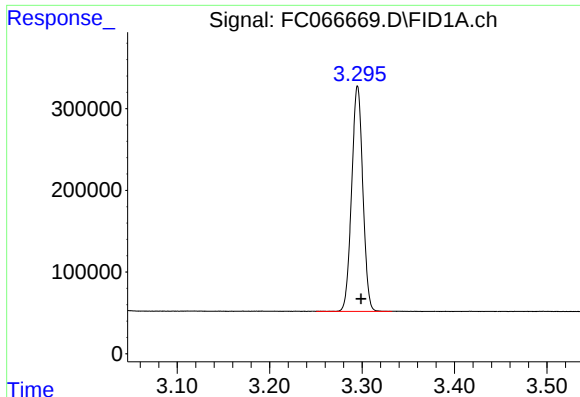
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.004 min
Response: 2312577
Conc: 15.92 ug/ml

Instrument :

FID_C

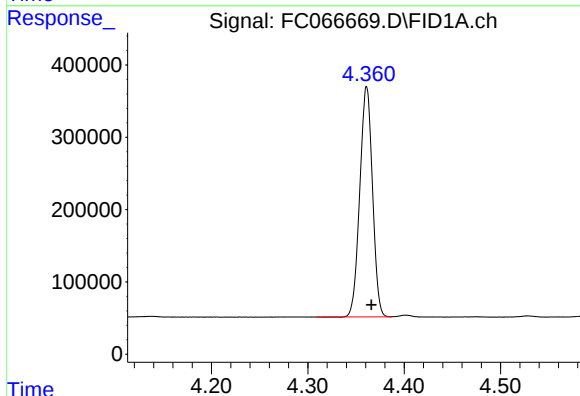
ClientSampleId :

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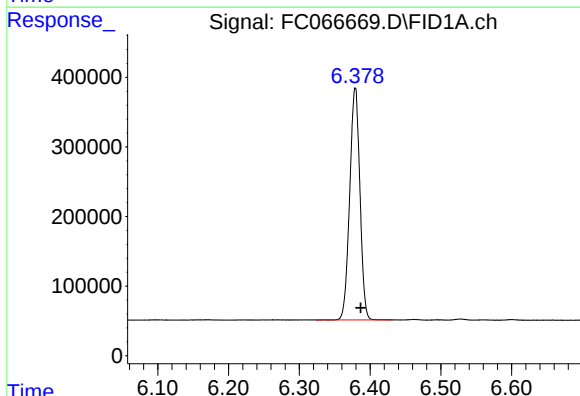
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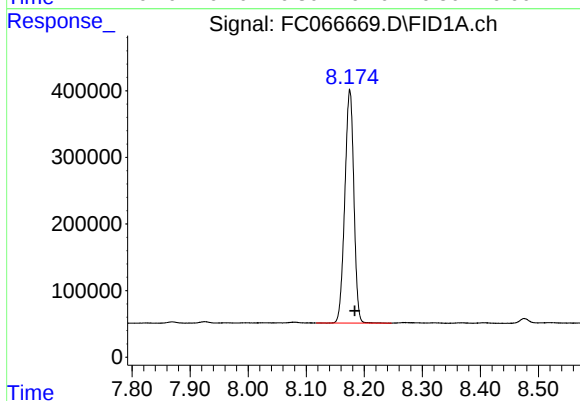
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.005 min
Response: 2921418
Conc: 19.59 ug/ml



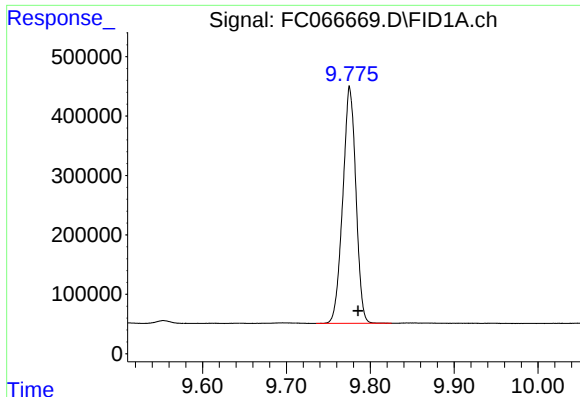
#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.008 min
Response: 3340567
Conc: 22.04 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.009 min
Response: 3784841
Conc: 24.95 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.010 min
Response: 4328700
Conc: 27.02 ug/ml

Instrument :

FID_C

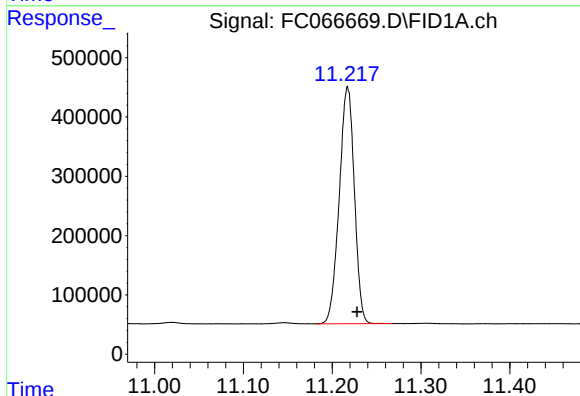
ClientSampleId :

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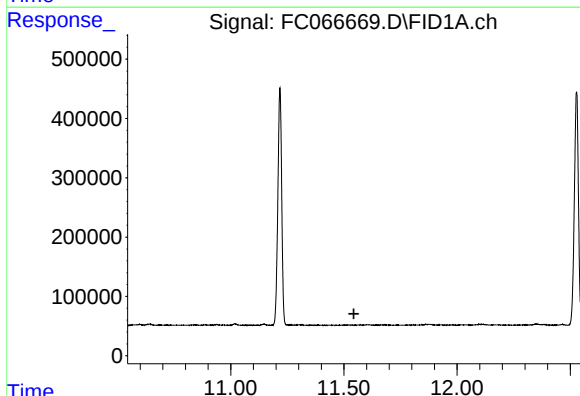
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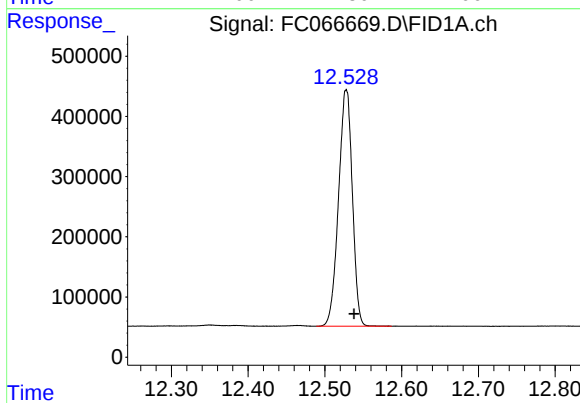
#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.011 min
Response: 4722785
Conc: 28.46 ug/ml



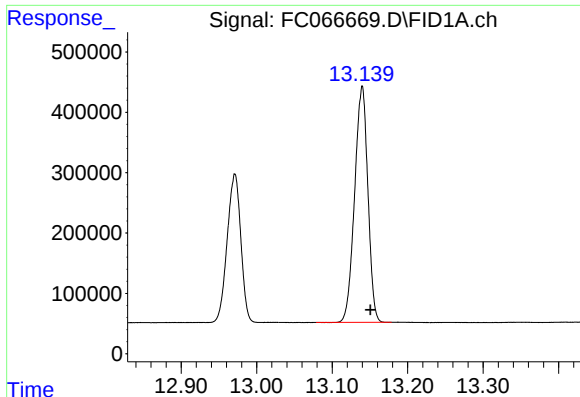
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.544 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.010 min
Response: 4912229
Conc: 30.22 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: -0.011 min
Response: 4770553
Conc: 29.61 ug/ml

Instrument :

FID_C

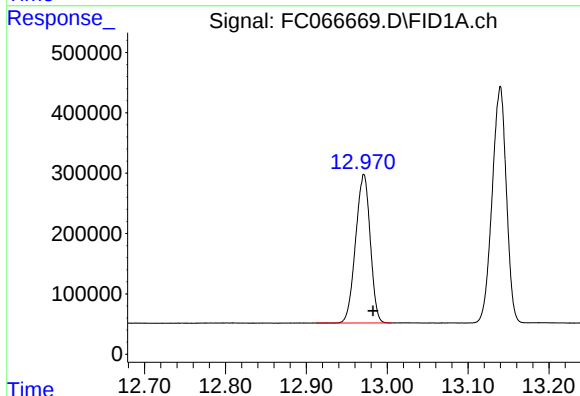
ClientSampleId :

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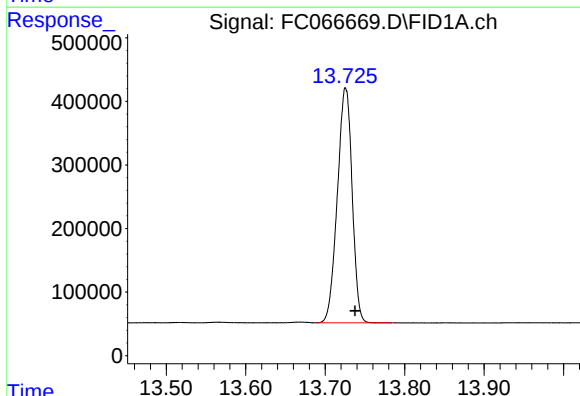
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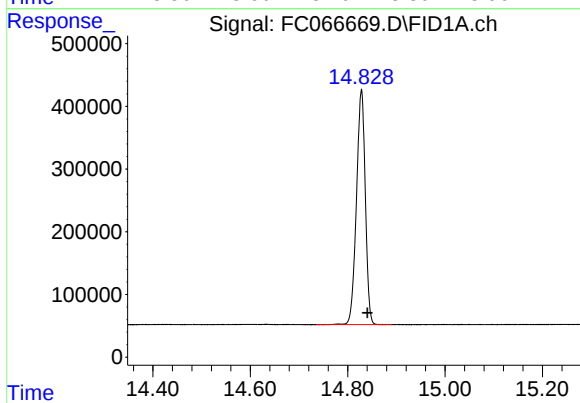
#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: -0.012 min
Response: 3085240
Conc: 22.36 ug/ml



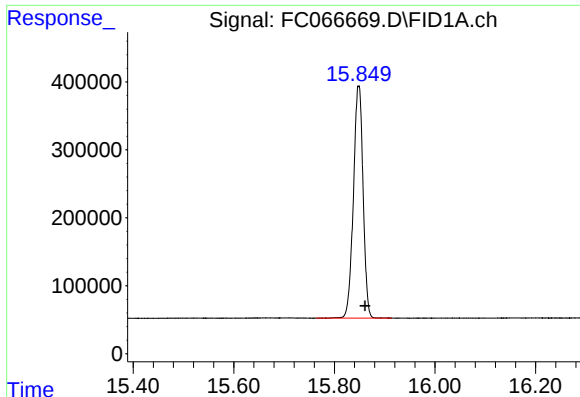
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: -0.012 min
Response: 4777733
Conc: 29.80 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.012 min
Response: 4725122
Conc: 29.77 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.012 min
Response: 4559500
Conc: 29.86 ug/ml

Instrument :

FID_C

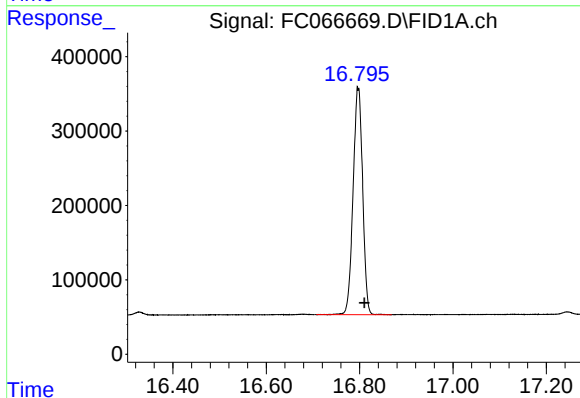
ClientSampleId :

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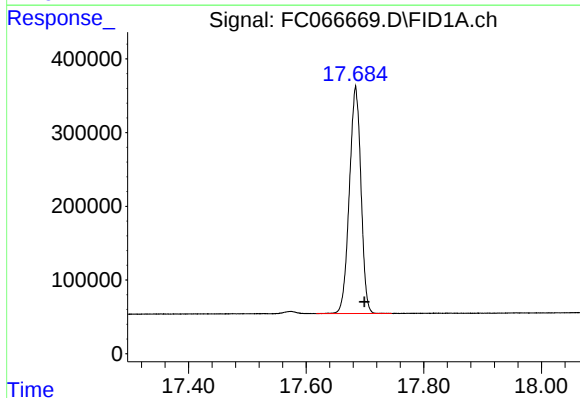
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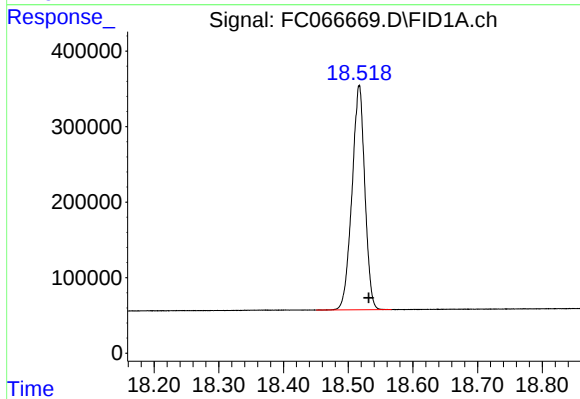
#16 n-Octacosane (C28)

R.T.: 16.797 min
Delta R.T.: -0.013 min
Response: 4336197
Conc: 30.06 ug/ml



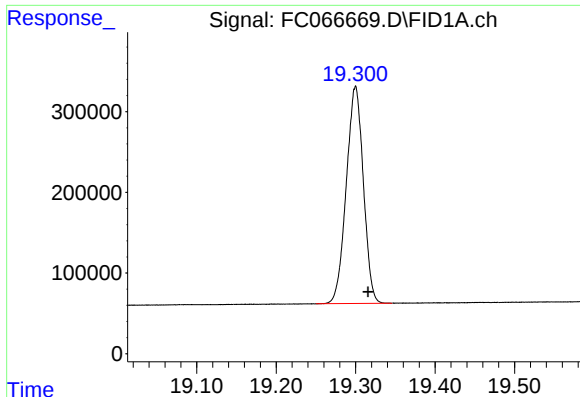
#17 n-Tricontane (C30)

R.T.: 17.684 min
Delta R.T.: -0.015 min
Response: 4212566
Conc: 30.15 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.015 min
Response: 4105567
Conc: 31.11 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.300 min
Delta R.T.: -0.016 min
Response: 4011661
Conc: 32.44 ug/ml

Instrument :

FID_C

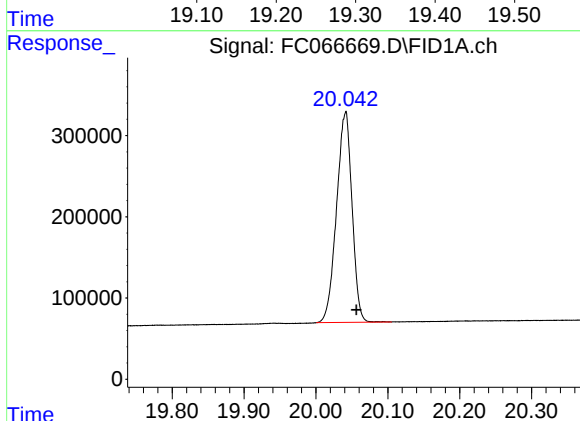
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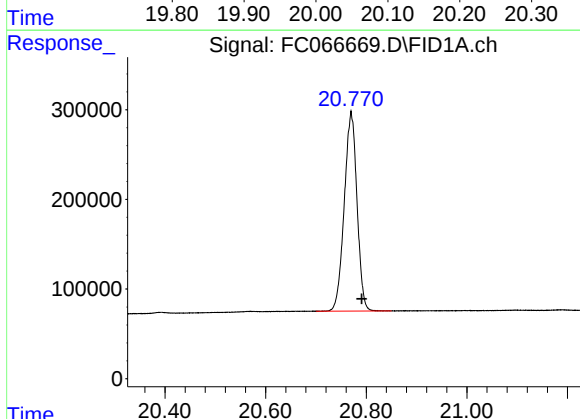
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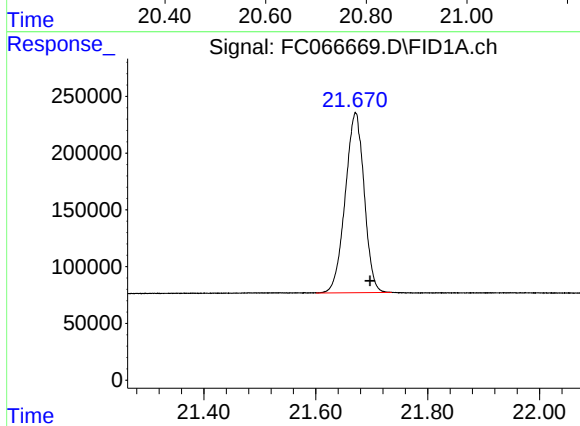
#20 n-Hexatriacontane (C36)

R.T.: 20.041 min
Delta R.T.: -0.015 min
Response: 3876809
Conc: 32.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.770 min
Delta R.T.: -0.021 min
Response: 3903336
Conc: 34.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.670 min
Delta R.T.: -0.027 min
Response: 3722079
Conc: 33.14 ug/ml m