

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031924AL\
 Data File : FC066053.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2024 08:00
 Operator : YP/AJ
 Sample : P1774-02MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP9MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/20/2024
 Supervised By :Ankita Jodhani 03/20/2024

Integration File: autoint1.e
 Quant Time: Mar 20 09:15:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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...	12.902	4598607	31.543 ug/ml
Spiked Amount 50.000		Recovery =	63.09%
Target Compounds			
1) T n-Nonane (C9)	3.277	4526825	27.095 ug/ml
2) T n-Decane (C10)	4.338	5514891	31.798 ug/ml
4) T n-Dodecane (C12)	6.348	6773380	38.437 ug/mlm
6) T n-Tetradecane (C14)	8.136	7675743	44.140 ug/mlm
7) T n-Hexadecane (C16)	9.728	8182643	45.803 ug/ml
8) T n-Octadecane (C18)	11.160	8650737	47.593 ug/ml
10) T n-Eicosane (C20)	12.462	8773594	50.245 ug/ml
11) T n-Heneicosane (C21)	13.068	8613150	49.678 ug/ml
13) T n-Docosane (C22)	13.650	8625922	50.155 ug/ml
14) T n-Tetracosane (C24)	14.746	8633723	50.550 ug/ml
15) T n-Hexacosane (C26)	15.759	8667447	51.473 ug/ml
16) T n-Octacosane (C28)	16.702	8720171	52.449 ug/ml
17) T n-Tricontane (C30)	17.584	8902483	52.140 ug/ml
18) T n-Dotriacontane (C32)	18.410	8787926	52.131 ug/ml
19) T n-Tetratriacontane (C34)	19.186	8884114	54.206 ug/ml
20) T n-Hexatriacontane (C36)	19.922	8637043	54.322 ug/mlm
21) T n-Octatriacontane (C38)	20.633	8665405	55.321 ug/ml
22) T n-Tetracontane (C40)	21.487	8480088	53.625 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

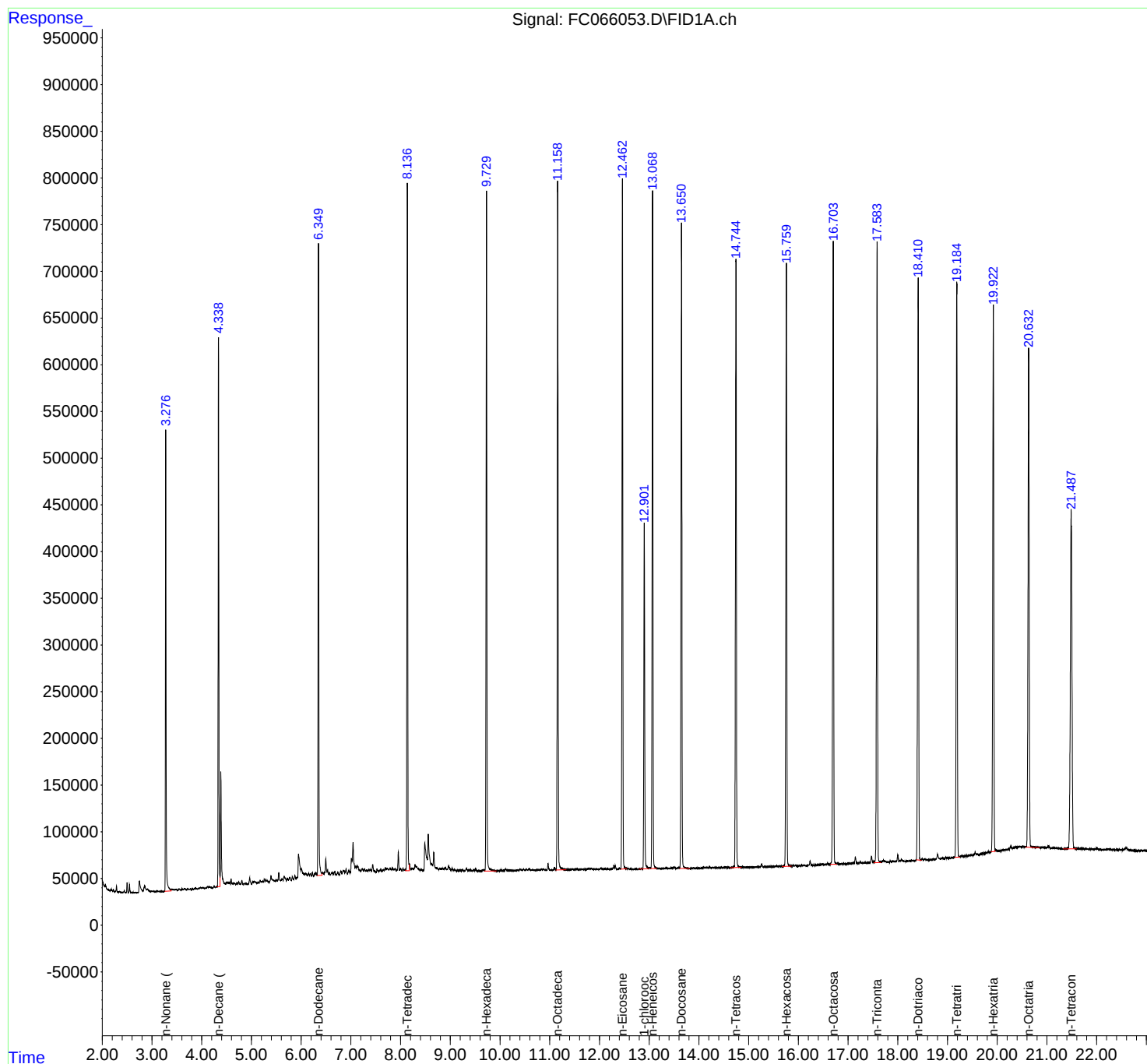
Instrument :
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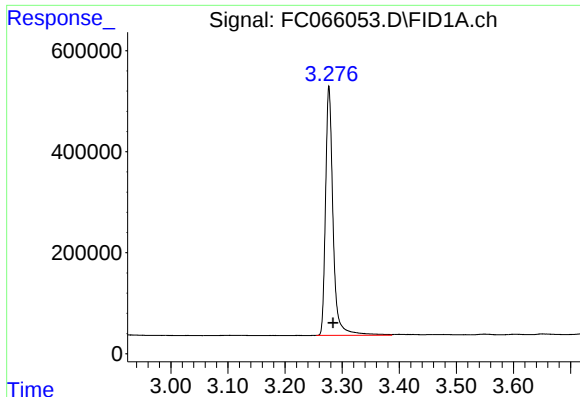
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: -0.007 min
Response: 4526825
Conc: 27.10 ug/ml

Instrument :

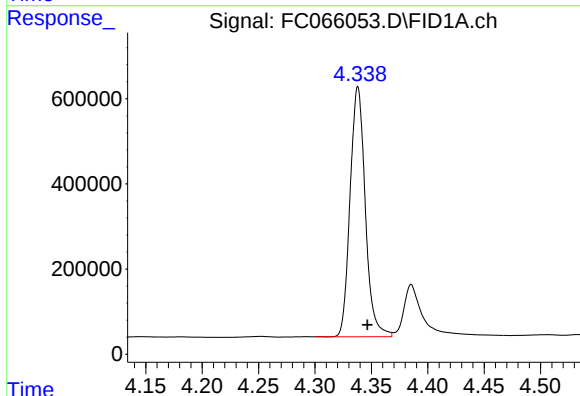
FID_C

ClientSampleId :

TP9MS

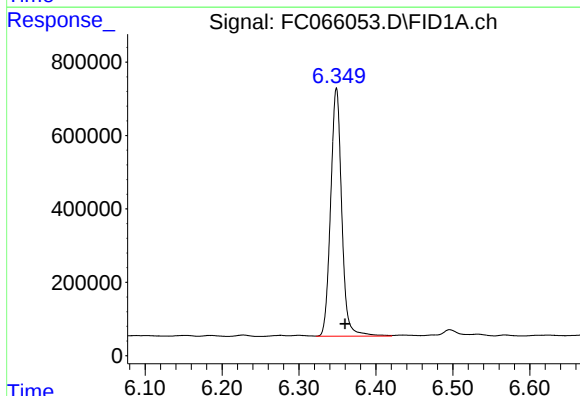
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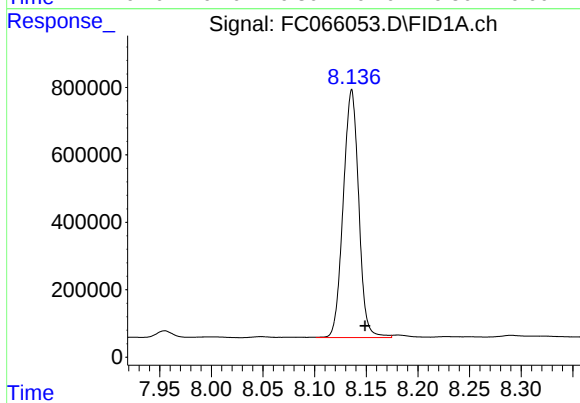
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: -0.008 min
Response: 5514891
Conc: 31.80 ug/ml



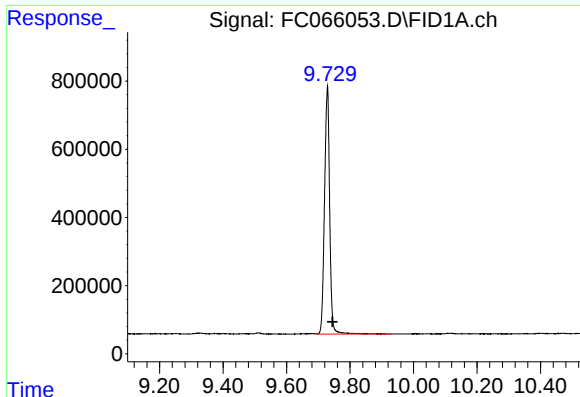
#4 n-Dodecane (C12)

R.T.: 6.348 min
Delta R.T.: -0.011 min
Response: 6773380
Conc: 38.44 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.136 min
Delta R.T.: -0.013 min
Response: 7675743
Conc: 44.14 ug/ml m



#7 n-Hexadecane (C16)

R.T.: 9.728 min
Delta R.T.: -0.016 min
Response: 8182643
Conc: 45.80 ug/ml

Instrument :

FID_C

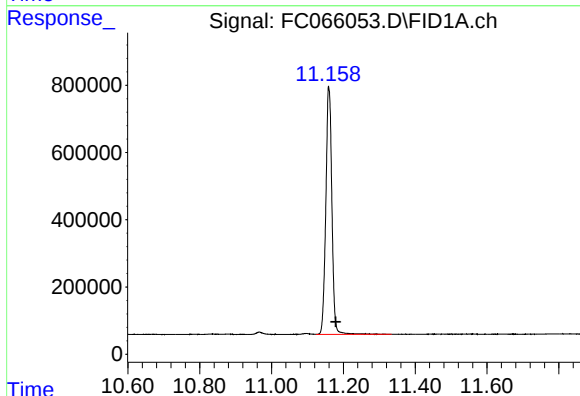
ClientSampleId :

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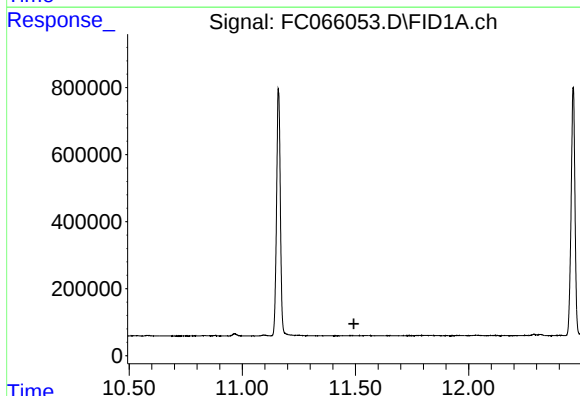
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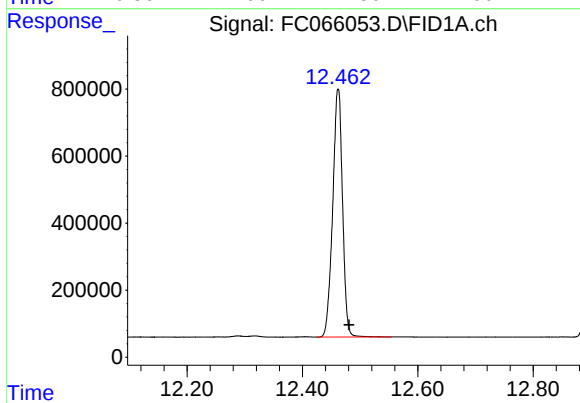
#8 n-Octadecane (C18)

R.T.: 11.160 min
Delta R.T.: -0.019 min
Response: 8650737
Conc: 47.59 ug/ml



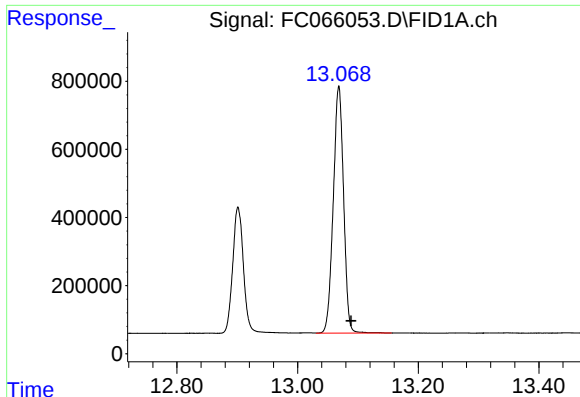
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.493 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.462 min
Delta R.T.: -0.019 min
Response: 8773594
Conc: 50.25 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.068 min
Delta R.T.: -0.020 min
Response: 8613150
Conc: 49.68 ug/ml

Instrument :

FID_C

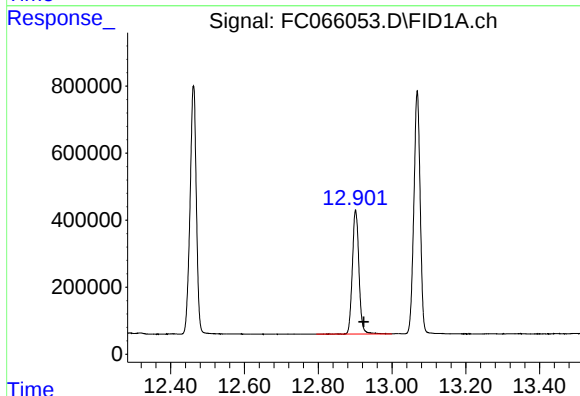
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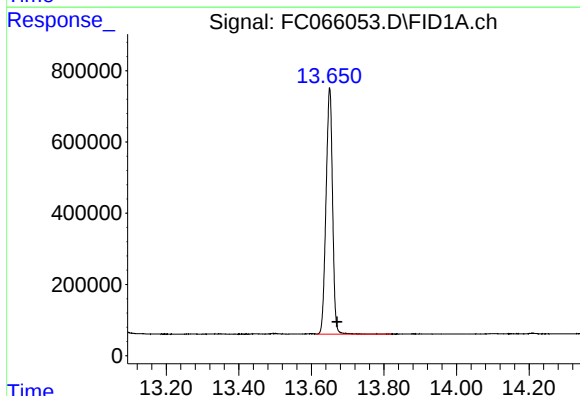
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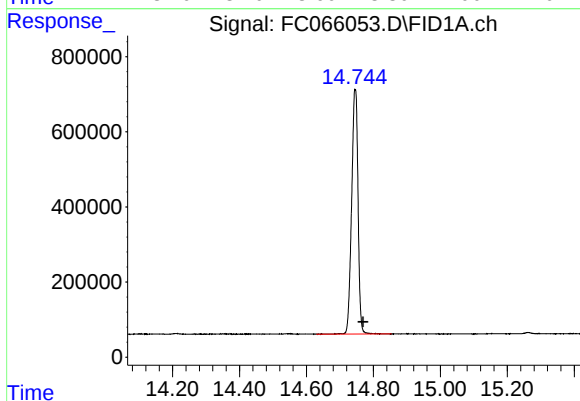
#12 1-chlorooctadecane (SURR)

R.T.: 12.902 min
Delta R.T.: -0.022 min
Response: 4598607
Conc: 31.54 ug/ml



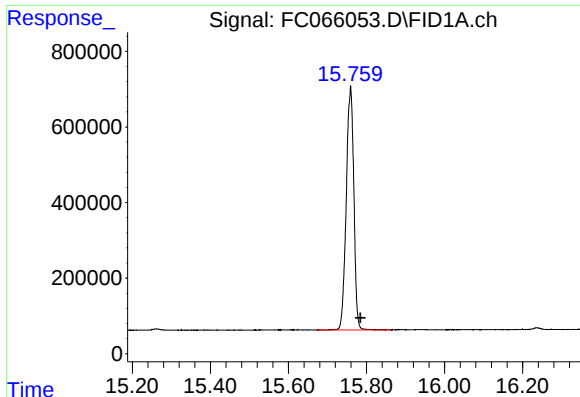
#13 n-Docosane (C22)

R.T.: 13.650 min
Delta R.T.: -0.021 min
Response: 8625922
Conc: 50.16 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.746 min
Delta R.T.: -0.024 min
Response: 8633723
Conc: 50.55 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.759 min
Delta R.T.: -0.025 min
Response: 8667447
Conc: 51.47 ug/ml

Instrument :

FID_C

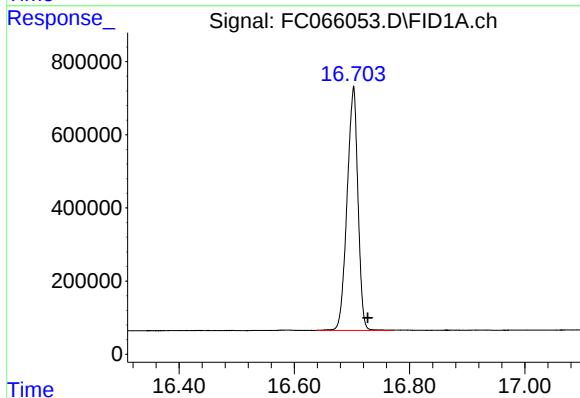
ClientSampleId :

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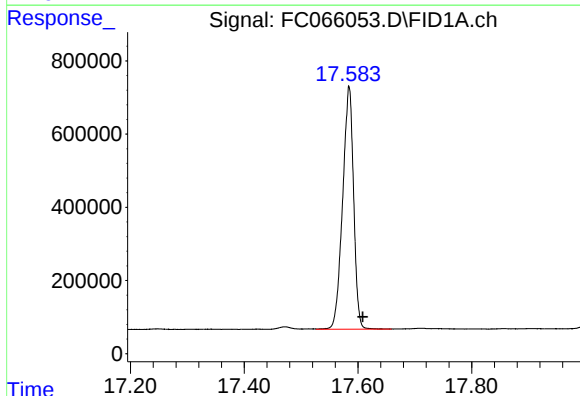
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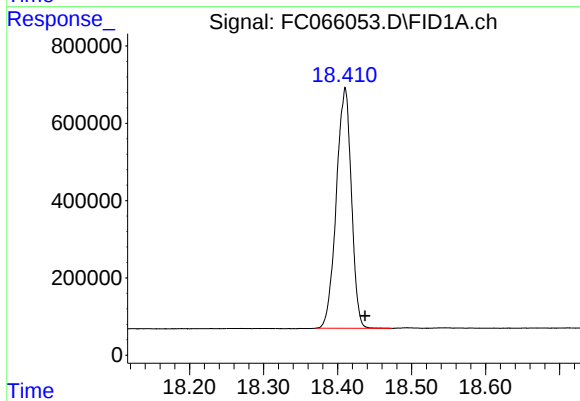
#16 n-Octacosane (C28)

R.T.: 16.702 min
Delta R.T.: -0.025 min
Response: 8720171
Conc: 52.45 ug/ml



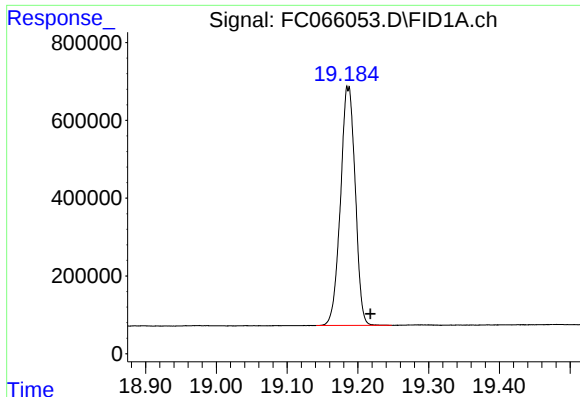
#17 n-Tricontane (C30)

R.T.: 17.584 min
Delta R.T.: -0.024 min
Response: 8902483
Conc: 52.14 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.410 min
Delta R.T.: -0.027 min
Response: 8787926
Conc: 52.13 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.186 min
Delta R.T.: -0.031 min
Response: 8884114
Conc: 54.21 ug/ml

Instrument :

FID_C

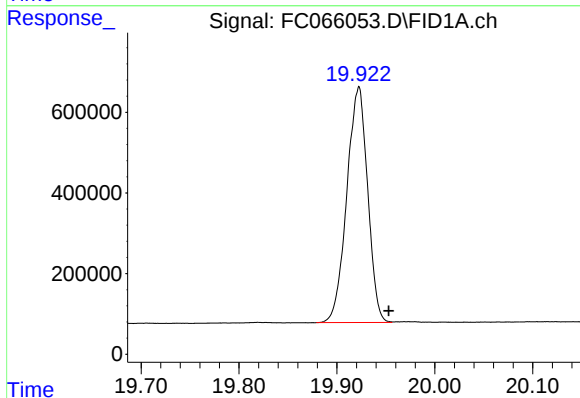
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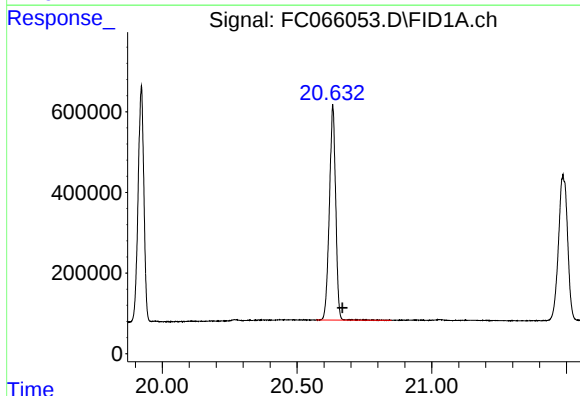
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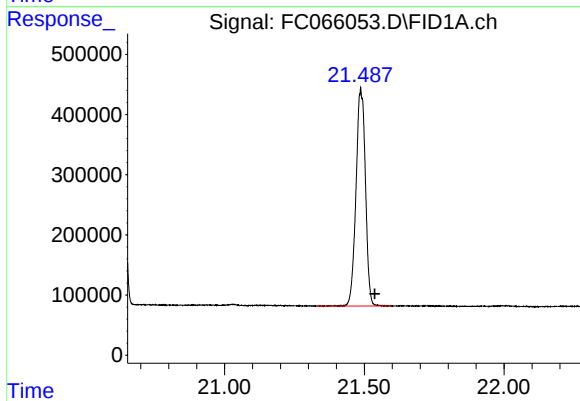
#20 n-Hexatriacontane (C36)

R.T.: 19.922 min
Delta R.T.: -0.030 min
Response: 8637043
Conc: 54.32 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.633 min
Delta R.T.: -0.036 min
Response: 8665405
Conc: 55.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.487 min
Delta R.T.: -0.050 min
Response: 8480088
Conc: 53.63 ug/ml