

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022624AL\
 Data File : FC065877.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2024 04:27
 Operator : YP/AJ
 Sample : P1538-15MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :Ankita Jodhani 02/27/2024

Integration File: autoint1.e
 Quant Time: Feb 27 05:54:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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...	12.928	6327352	50.277 ug/mlm
Spiked Amount 50.000		Recovery =	100.55%
Target Compounds			
1) T n-Nonane (C9)	3.286	5579719	37.140 ug/ml
2) T n-Decane (C10)	4.350	7050927	46.375 ug/ml
4) T n-Dodecane (C12)	6.364	8354168	54.584 ug/ml
6) T n-Tetradecane (C14)	8.154	8964107	60.378 ug/ml
7) T n-Hexadecane (C16)	9.749	9369086	62.475 ug/ml
8) T n-Octadecane (C18)	11.184	9738508	63.133 ug/ml
10) T n-Eicosane (C20)	12.486	9722308	64.652 ug/ml
11) T n-Heneicosane (C21)	13.094	9416878	62.965 ug/mlm
13) T n-Docosane (C22)	13.680	9431360	63.584 ug/ml
14) T n-Tetracosane (C24)	14.777	9235995	62.118 ug/mlm
15) T n-Hexacosane (C26)	15.792	9251690	62.431 ug/ml
16) T n-Octacosane (C28)	16.737	9164728	62.460 ug/ml
17) T n-Tricontane (C30)	17.620	9263794	61.711 ug/ml
18) T n-Dotriacontane (C32)	18.447	9076775	61.377 ug/ml
19) T n-Tetratriacontane (C34)	19.227	8613938	59.430 ug/ml
20) T n-Hexatriacontane (C36)	19.962	7938132	55.924 ug/ml
21) T n-Octatriacontane (C38)	20.679	7632970	53.924 ug/ml
22) T n-Tetracontane (C40)	21.549	7347122	52.672 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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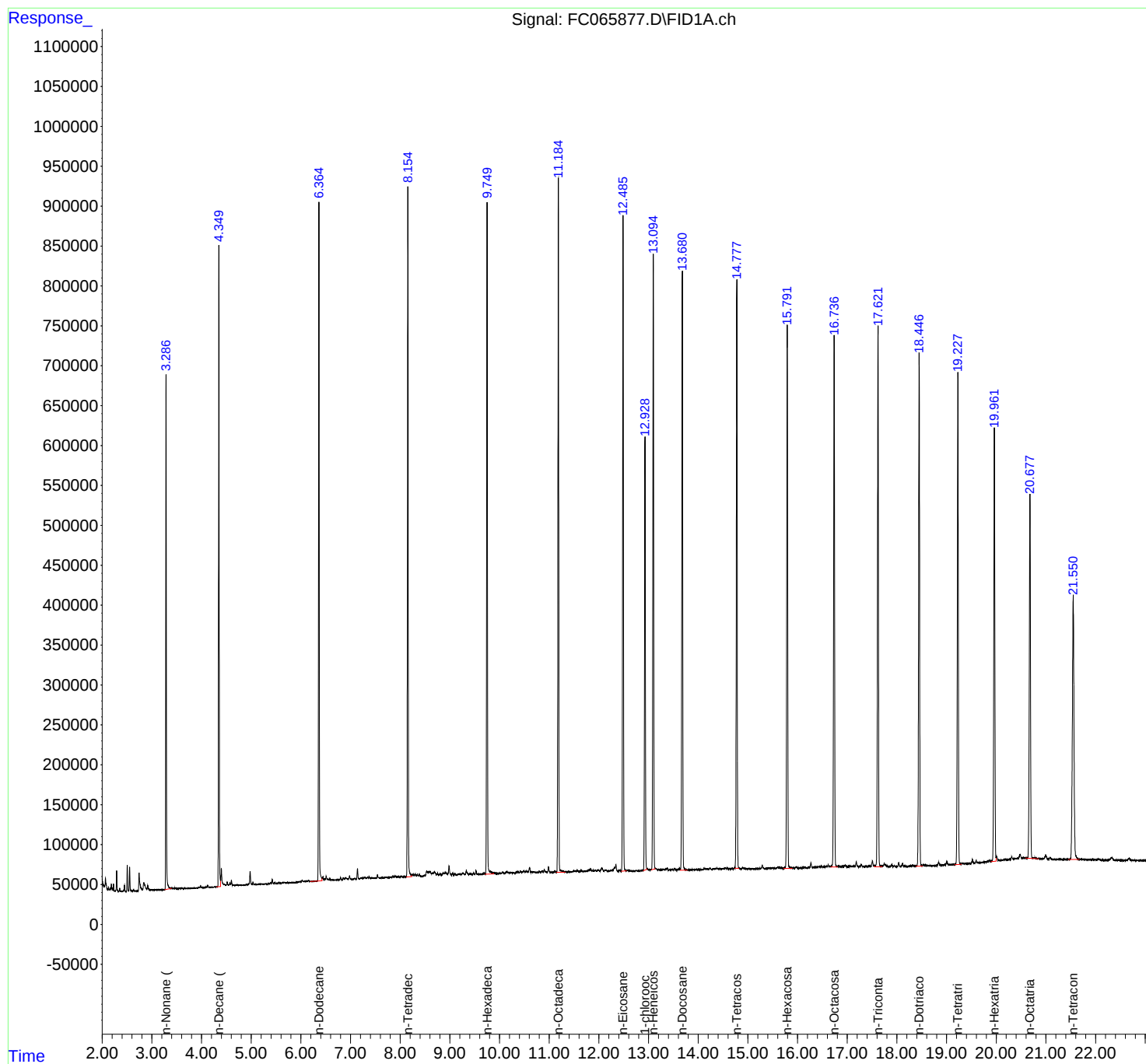
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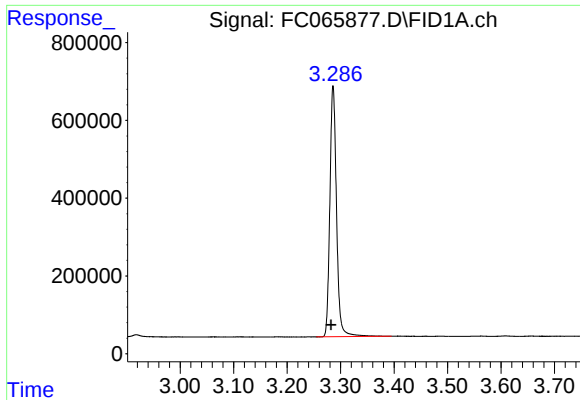
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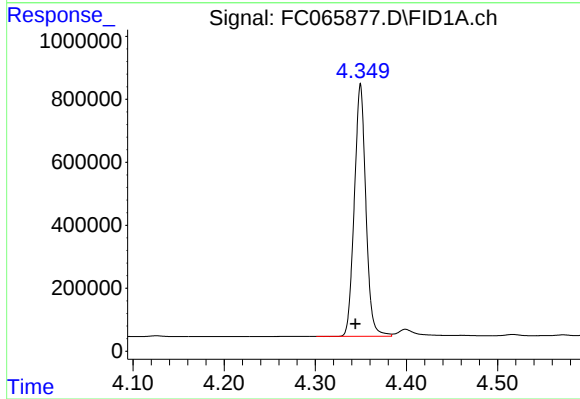
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.004 min
Response: 5579719
Conc: 37.14 ug/ml

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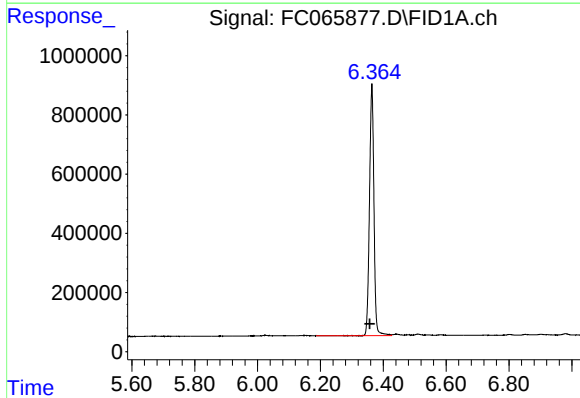
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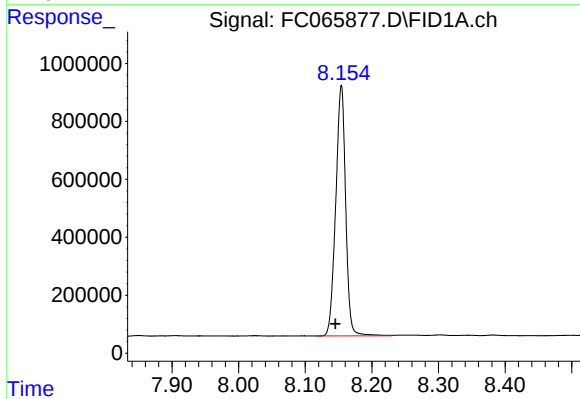
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.005 min
Response: 7050927
Conc: 46.37 ug/ml



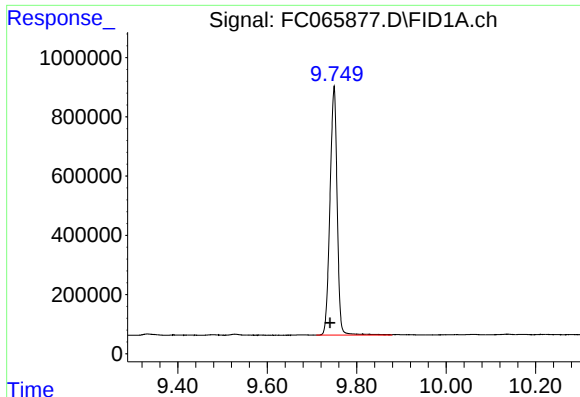
#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.007 min
Response: 8354168
Conc: 54.58 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.009 min
Response: 8964107
Conc: 60.38 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.009 min
Response: 9369086
Conc: 62.48 ug/ml

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FID_C

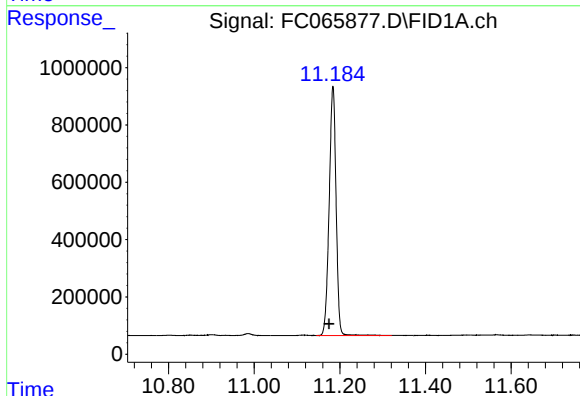
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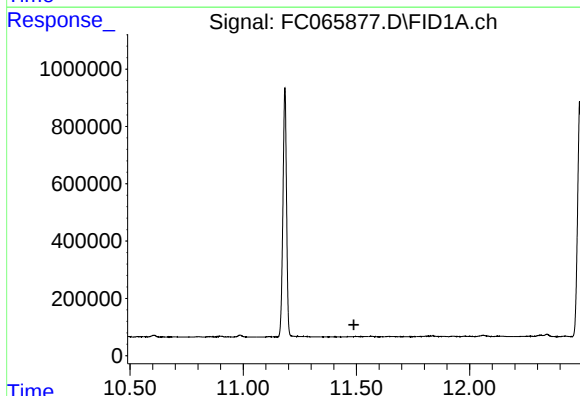
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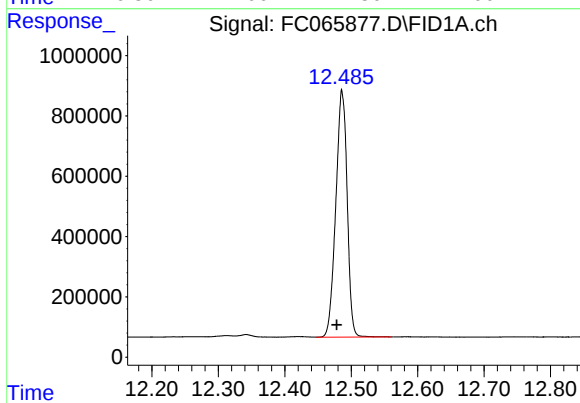
#8 n-Octadecane (C18)

R.T.: 11.184 min
Delta R.T.: 0.009 min
Response: 9738508
Conc: 63.13 ug/ml



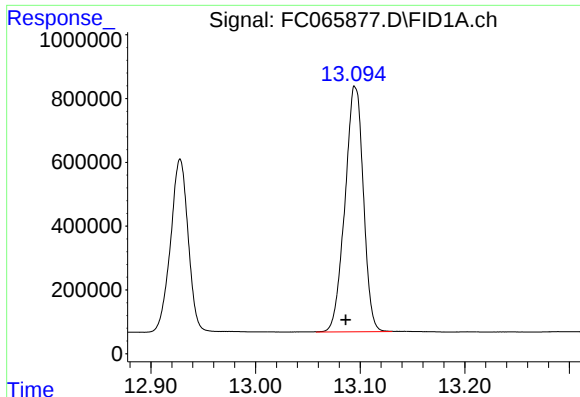
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.489 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.486 min
Delta R.T.: 0.008 min
Response: 9722308
Conc: 64.65 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.094 min
Delta R.T.: 0.008 min
Response: 9416878
Conc: 62.97 ug/ml

Instrument :

FID_C

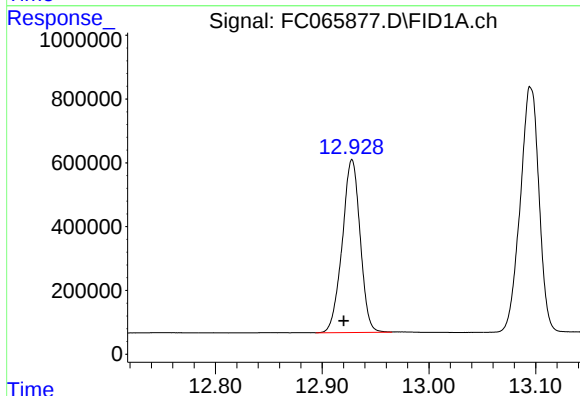
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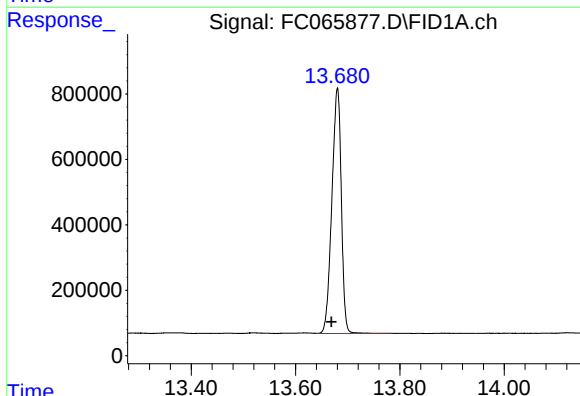
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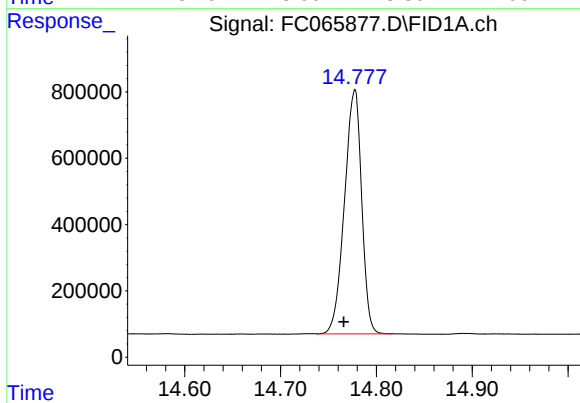
#12 1-chlorooctadecane (SURR)

R.T.: 12.928 min
Delta R.T.: 0.007 min
Response: 6327352
Conc: 50.28 ug/ml m



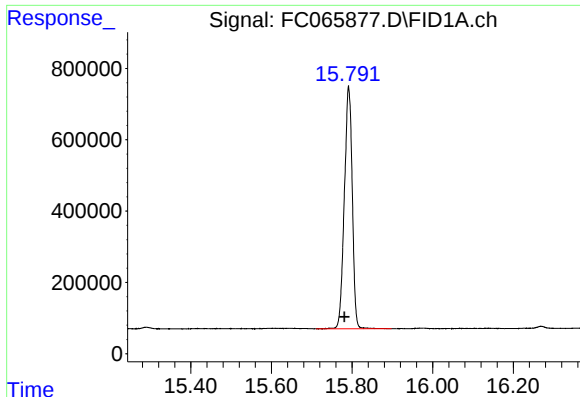
#13 n-Docosane (C22)

R.T.: 13.680 min
Delta R.T.: 0.011 min
Response: 9431360
Conc: 63.58 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.777 min
Delta R.T.: 0.012 min
Response: 9235995
Conc: 62.12 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.792 min
Delta R.T.: 0.010 min
Response: 9251690
Conc: 62.43 ug/ml

Instrument :

FID_C

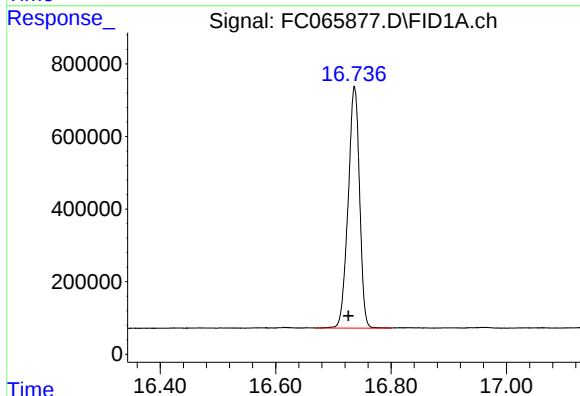
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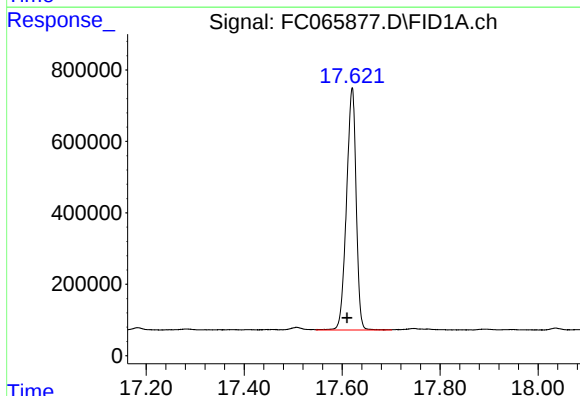
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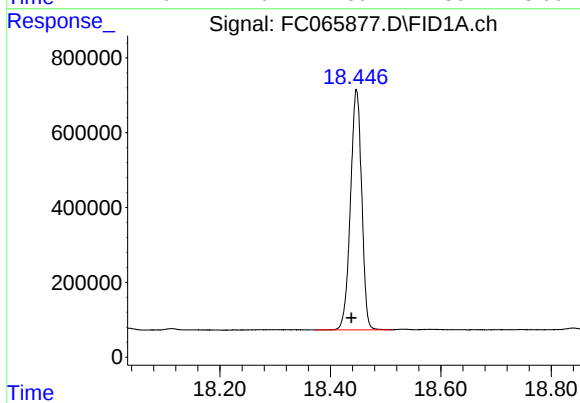
#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: 0.011 min
Response: 9164728
Conc: 62.46 ug/ml



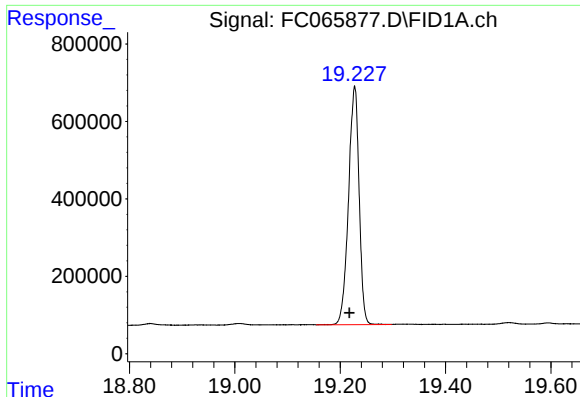
#17 n-Tricontane (C30)

R.T.: 17.620 min
Delta R.T.: 0.010 min
Response: 9263794
Conc: 61.71 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.447 min
Delta R.T.: 0.009 min
Response: 9076775
Conc: 61.38 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.227 min
Delta R.T.: 0.010 min
Response: 8613938
Conc: 59.43 ug/ml

Instrument :

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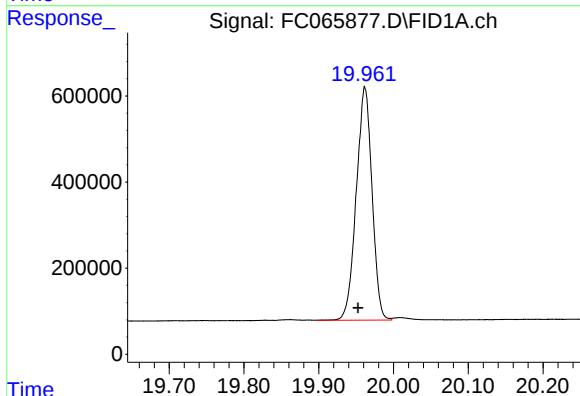
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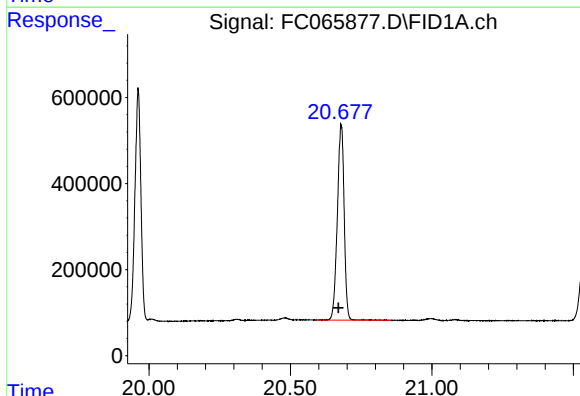
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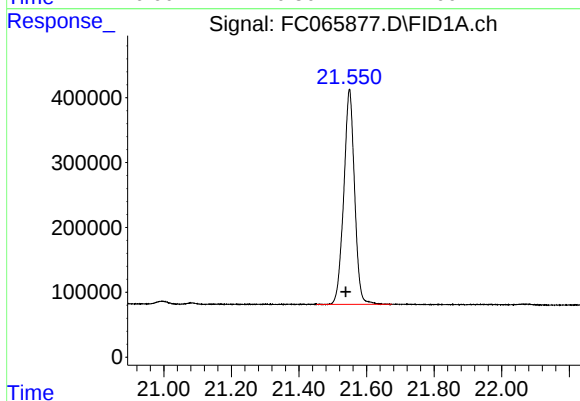
#20 n-Hexatriacontane (C36)

R.T.: 19.962 min
Delta R.T.: 0.009 min
Response: 7938132
Conc: 55.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.679 min
Delta R.T.: 0.010 min
Response: 7632970
Conc: 53.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.549 min
Delta R.T.: 0.011 min
Response: 7347122
Conc: 52.67 ug/ml