

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111221AL\
 Data File : FC056780.D
 Signal(s) : FID1A.CH
 Acq On : 13 Nov 2021 7:01
 Operator : AJ\MA
 Sample : PB140725BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB140725BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/15/2021
 Supervised By :mohammad ahmed 11/15/2021

Integration File: autoint1.e
 Quant Time: Nov 15 00:09:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	13.045	3700386	38.456 ug/ml
Spiked Amount 50.000		Recovery =	76.91%
Target Compounds			
1) T n-Nonane (C9)	3.369	2562929	23.680 ug/mlm
2) T n-Decane (C10)	4.437	3156671	29.305 ug/ml
4) T n-Dodecane (C12)	6.457	3824325	34.691 ug/ml
6) T n-Tetradecane (C14)	8.251	4056144	36.129 ug/ml
7) T n-Hexadecane (C16)	9.852	4280776	37.653 ug/ml
8) T n-Octadecane (C18)	11.293	4528793	38.755 ug/ml
10) T n-Eicosane (C20)	12.601	4338833	37.753 ug/ml
11) T n-Heneicosane (C21)	13.212	4260074	37.069 ug/ml
13) T n-Docosane (C22)	13.797	4169884	37.038 ug/ml
14) T n-Tetracosane (C24)	14.896	4012421	36.409 ug/ml
15) T n-Hexacosane (C26)	15.914	3910711	37.053 ug/ml
16) T n-Octacosane (C28)	16.861	3854167	37.157 ug/ml
17) T n-Tricontane (C30)	17.745	3819203	36.862 ug/ml
18) T n-Dotriacontane (C32)	18.573	3770024	39.350 ug/ml
19) T n-Tetratriacontane (C34)	19.353	3636029	41.455 ug/mlm
20) T n-Hexatriacontane (C36)	20.088	3397507	41.508 ug/mlm
21) T n-Octatriacontane (C38)	20.825	3188639	39.870 ug/mlm
22) T n-Tetracontane (C40)	21.740	3210936	38.972 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB140725BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

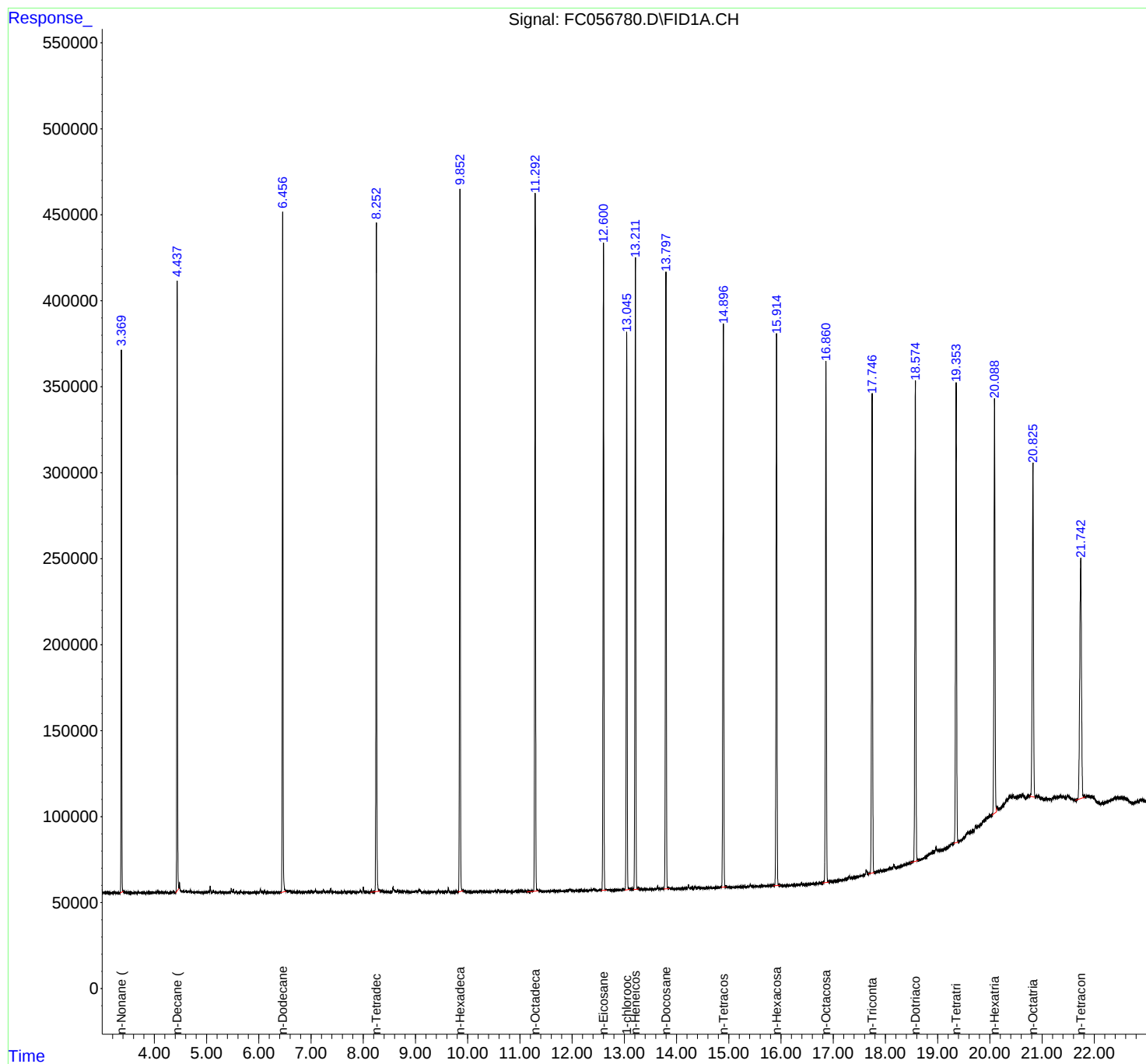
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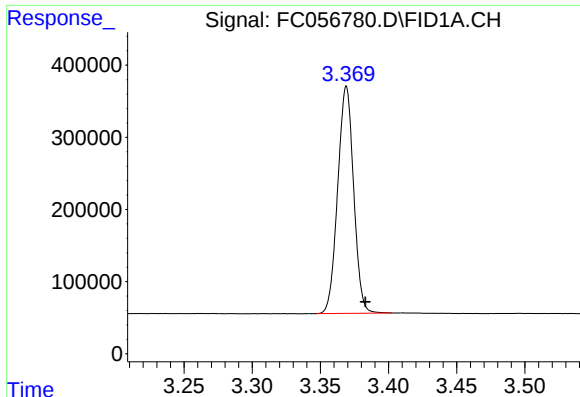
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: -0.014 min
Response: 2562929
Conc: 23.68 ug/ml

Instrument :

FID_C

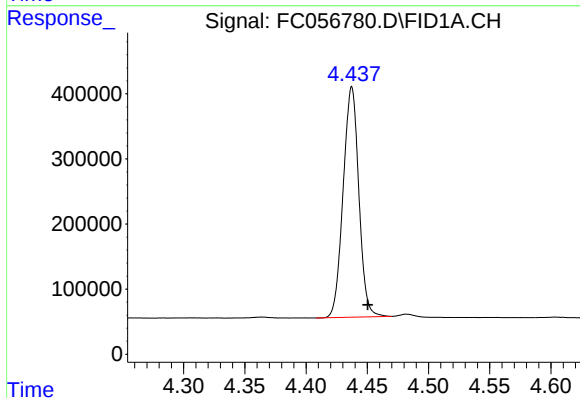
ClientSampleId :

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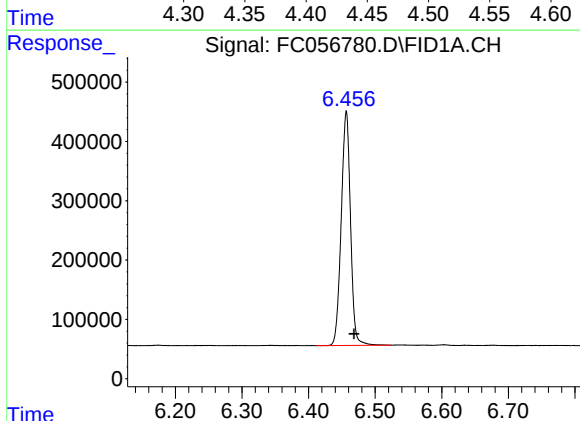
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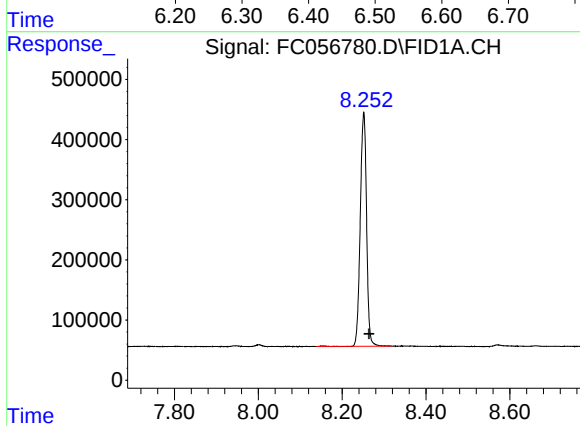
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: -0.013 min
Response: 3156671
Conc: 29.30 ug/ml



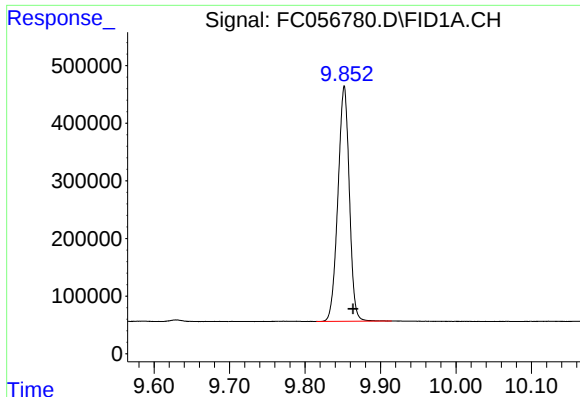
#4 n-Dodecane (C12)

R.T.: 6.457 min
Delta R.T.: -0.012 min
Response: 3824325
Conc: 34.69 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: -0.012 min
Response: 4056144
Conc: 36.13 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.852 min
Delta R.T.: -0.012 min
Response: 4280776
Conc: 37.65 ug/ml

Instrument :

FID_C

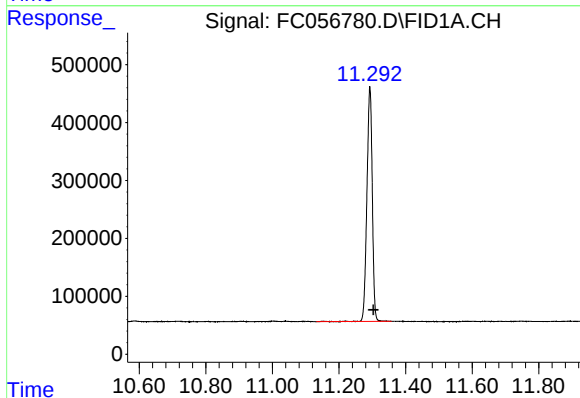
ClientSampleId :

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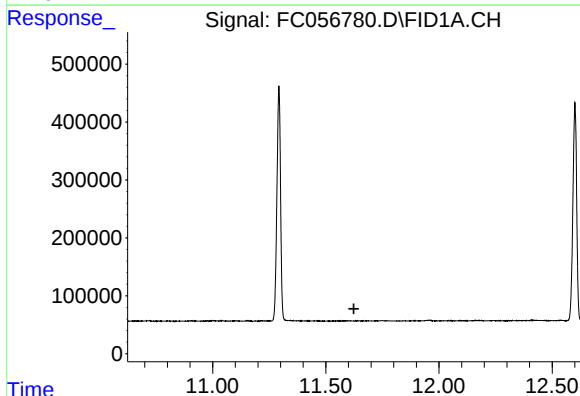
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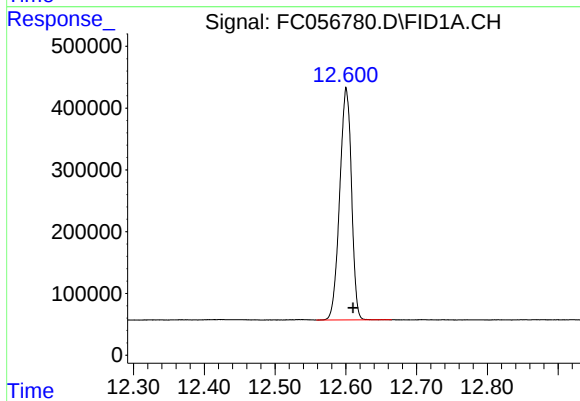
#8 n-Octadecane (C18)

R.T.: 11.293 min
Delta R.T.: -0.011 min
Response: 4528793
Conc: 38.75 ug/ml



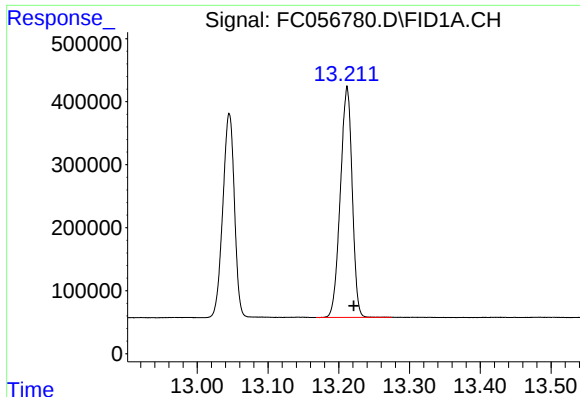
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.624 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.601 min
Delta R.T.: -0.010 min
Response: 4338833
Conc: 37.75 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.212 min
Delta R.T.: -0.010 min
Response: 4260074
Conc: 37.07 ug/ml

Instrument :

FID_C

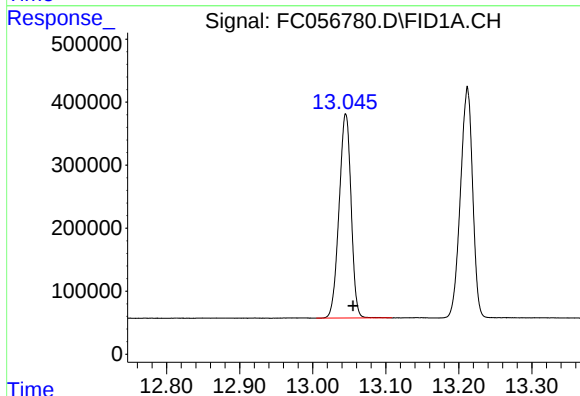
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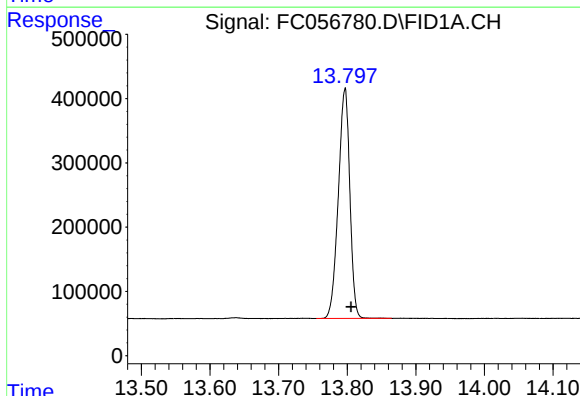
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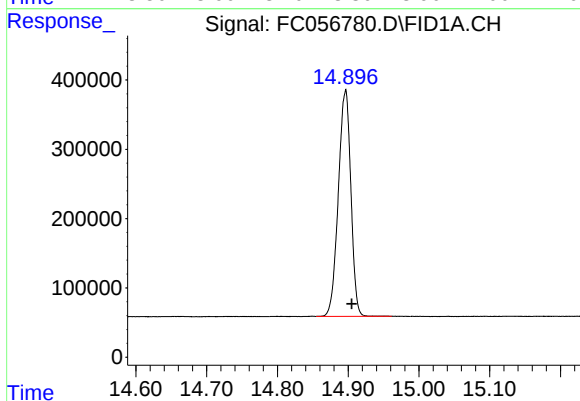
#12 1-chlorooctadecane (SURR)

R.T.: 13.045 min
Delta R.T.: -0.010 min
Response: 3700386
Conc: 38.46 ug/ml



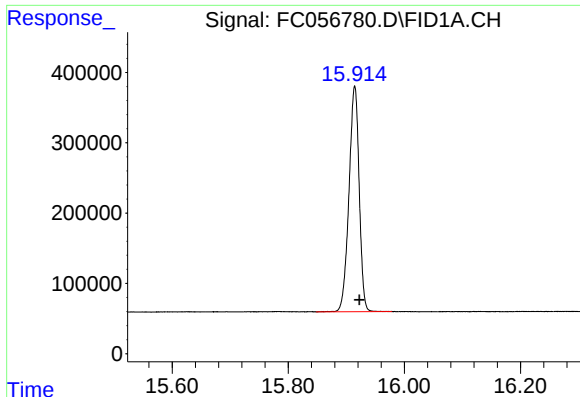
#13 n-Docosane (C22)

R.T.: 13.797 min
Delta R.T.: -0.009 min
Response: 4169884
Conc: 37.04 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.896 min
Delta R.T.: -0.009 min
Response: 4012421
Conc: 36.41 ug/ml



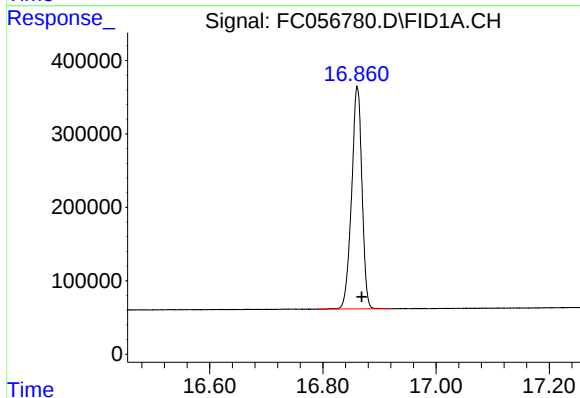
#15 n-Hexacosane (C26)

R.T.: 15.914 min
Delta R.T.: -0.008 min
Response: 3910711
Conc: 37.05 ug/ml

Instrument :
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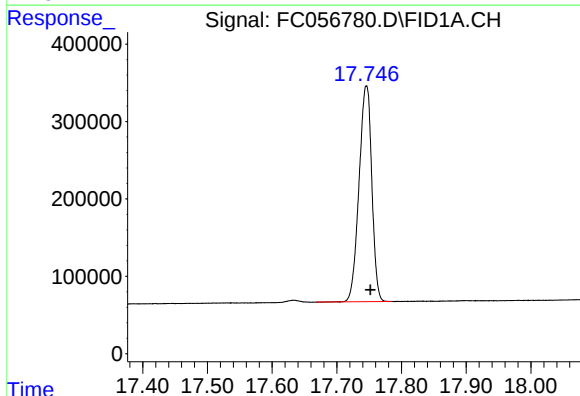
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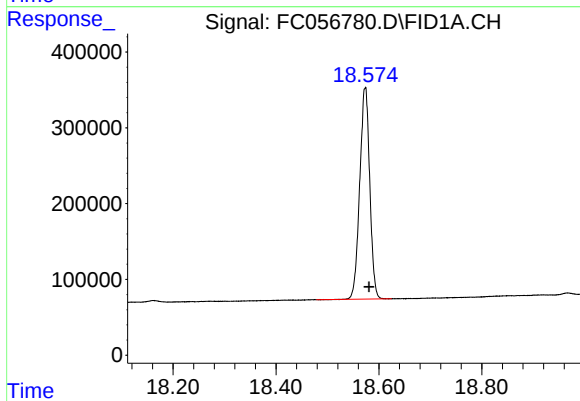
#16 n-Octacosane (C28)

R.T.: 16.861 min
Delta R.T.: -0.008 min
Response: 3854167
Conc: 37.16 ug/ml



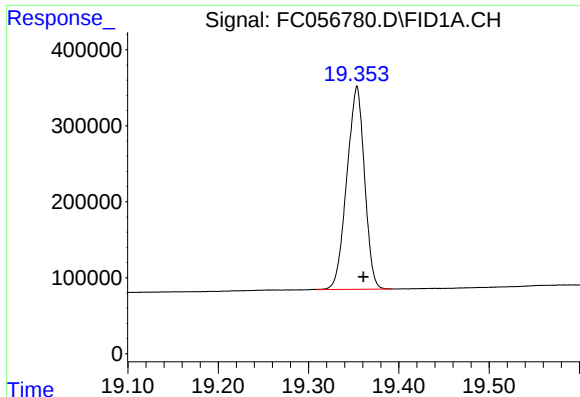
#17 n-Tricontane (C30)

R.T.: 17.745 min
Delta R.T.: -0.007 min
Response: 3819203
Conc: 36.86 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.573 min
Delta R.T.: -0.008 min
Response: 3770024
Conc: 39.35 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.353 min
Delta R.T.: -0.007 min
Response: 3636029
Conc: 41.46 ug/ml

Instrument :

FID_C

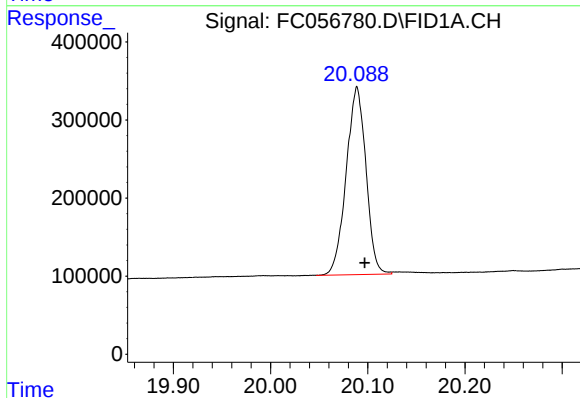
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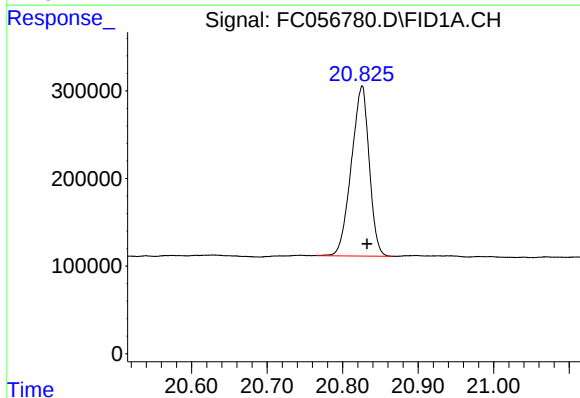
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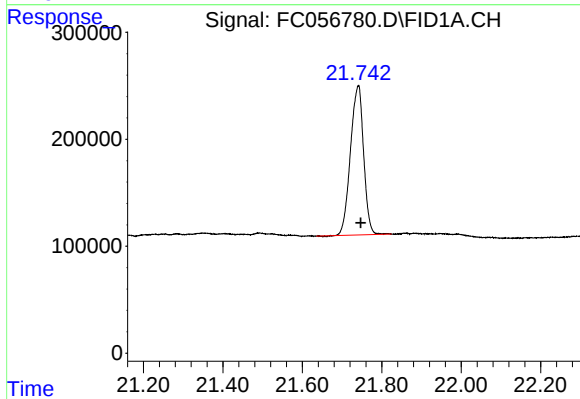
#20 n-Hexatriacontane (C36)

R.T.: 20.088 min
Delta R.T.: -0.008 min
Response: 3397507
Conc: 41.51 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.825 min
Delta R.T.: -0.007 min
Response: 3188639
Conc: 39.87 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.740 min
Delta R.T.: -0.006 min
Response: 3210936
Conc: 38.97 ug/ml