

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111221AL\
 Data File : FC056783.D
 Signal(s) : FID1A.CH
 Acq On : 13 Nov 2021 8:56
 Operator : AJ\MA
 Sample : M4592-01MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTE-117MS

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 00:09:56 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...	13.056	3964084	41.197 ug/mlm
Spiked Amount 50.000		Recovery =	82.39%
Target Compounds			
1) T n-Nonane (C9)	3.368	2467376	22.797 ug/mlm
2) T n-Decane (C10)	4.439	5615557	52.132 ug/ml
4) T n-Dodecane (C12)	6.471	5124727	46.487 ug/mlm
6) T n-Tetradecane (C14)	8.285	8765286	78.075 ug/mlm
7) T n-Hexadecane (C16)	9.884	10166905	89.427 ug/mlm
8) T n-Octadecane (C18)	11.320	8017613	68.610 ug/mlm
10) T n-Eicosane (C20)	12.617	5895533	51.298 ug/mlm
11) T n-Heneicosane (C21)	13.222	4870099	42.377 ug/mlm
13) T n-Docosane (C22)	13.803	4578051	40.663 ug/mlm
14) T n-Tetracosane (C24)	14.896	4205997	38.166 ug/mlm
15) T n-Hexacosane (C26)	15.915	3935199	37.285 ug/ml
16) T n-Octacosane (C28)	16.861	3838847	37.009 ug/ml
17) T n-Tricontane (C30)	17.746	3787639	36.557 ug/ml
18) T n-Dotriacontane (C32)	18.574	3724045	38.870 ug/ml
19) T n-Tetratriacontane (C34)	19.354	3554212	40.523 ug/ml
20) T n-Hexatriacontane (C36)	20.090	3305444	40.383 ug/mlm
21) T n-Octatriacontane (C38)	20.823	3157653	39.482 ug/mlm
22) T n-Tetracontane (C40)	21.738	3175052	38.537 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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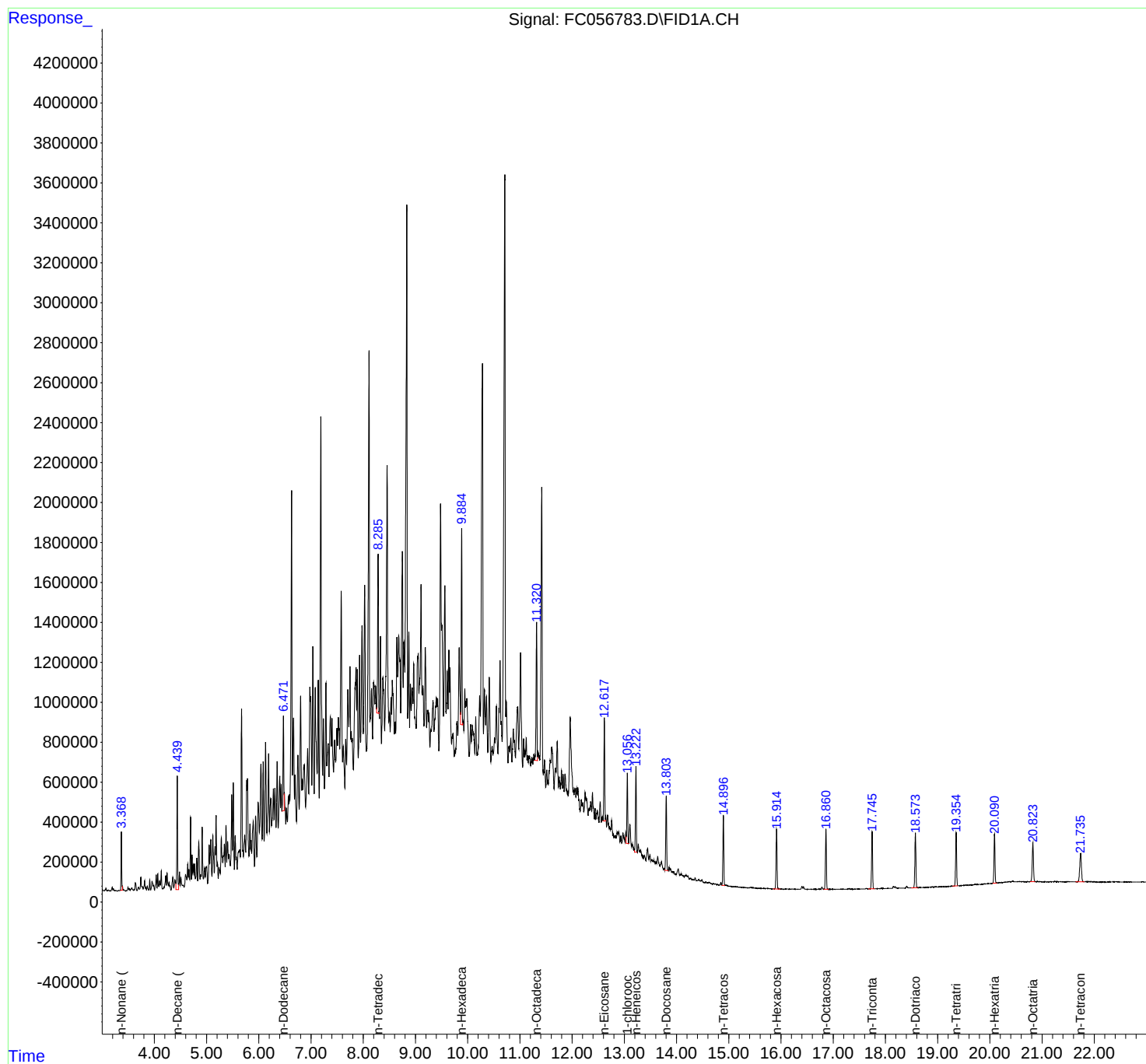
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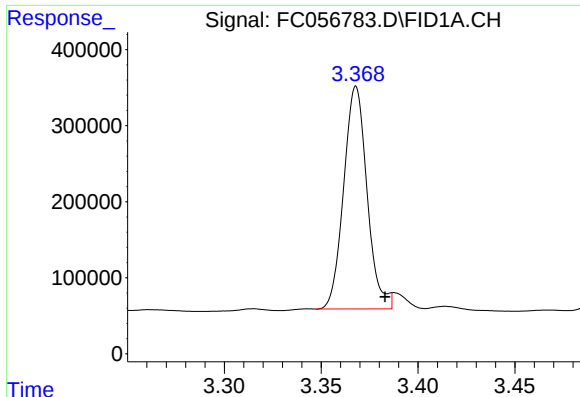
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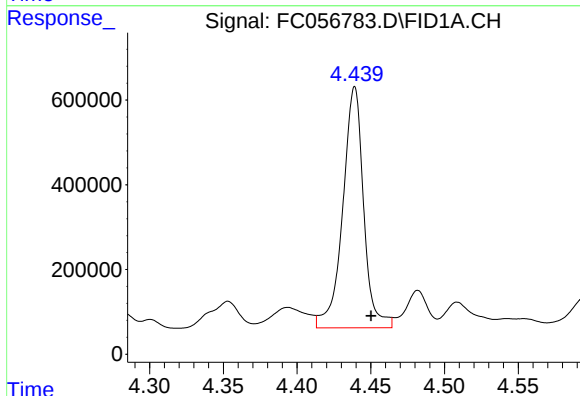
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: -0.015 min
Response: 2467376
Conc: 22.80 ug/ml

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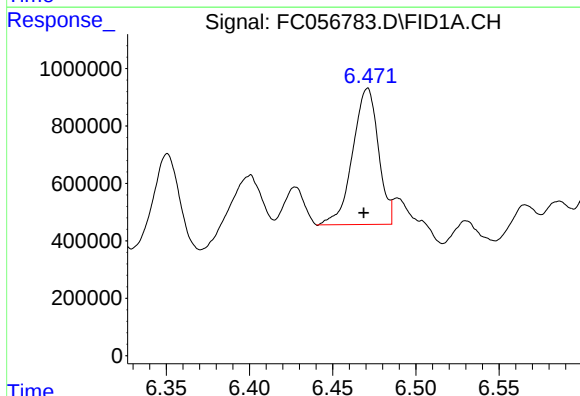
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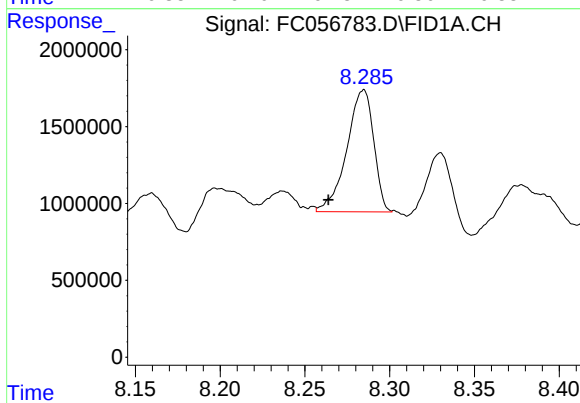
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.011 min
Response: 5615557
Conc: 52.13 ug/ml



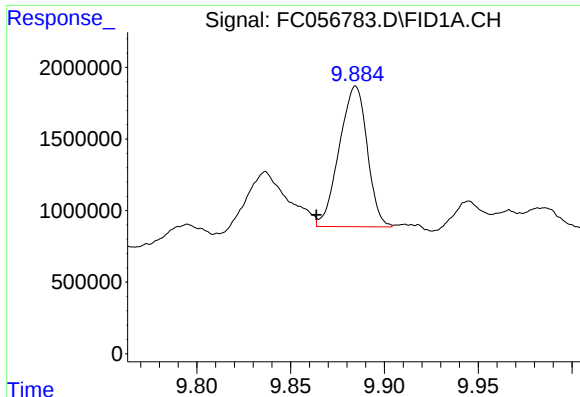
#4 n-Dodecane (C12)

R.T.: 6.471 min
Delta R.T.: 0.002 min
Response: 5124727
Conc: 46.49 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.285 min
Delta R.T.: 0.021 min
Response: 8765286
Conc: 78.07 ug/ml m



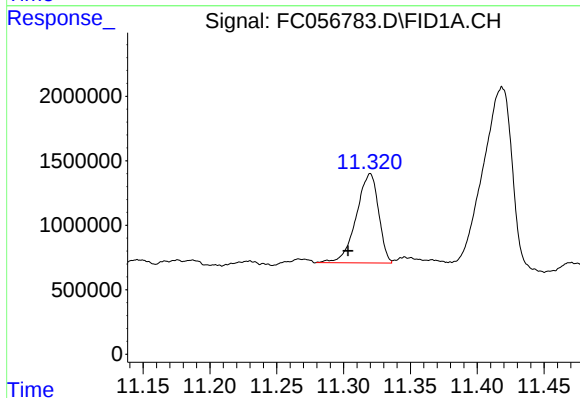
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: 0.020 min
Response: 10166905
Conc: 89.43 ug/ml

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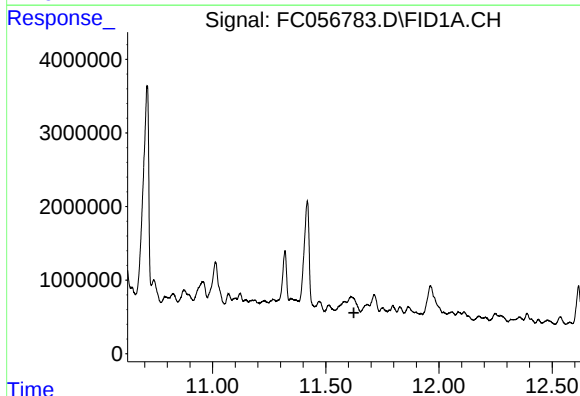
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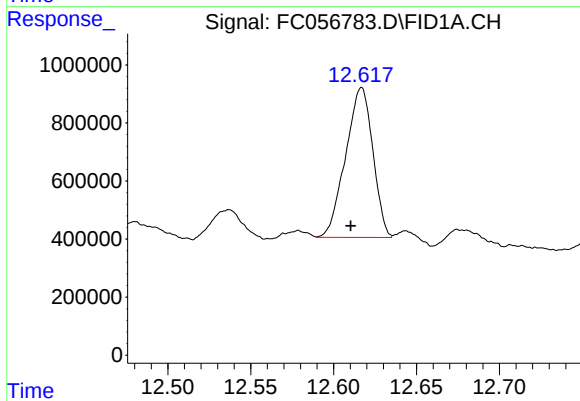
#8 n-Octadecane (C18)

R.T.: 11.320 min
Delta R.T.: 0.016 min
Response: 8017613
Conc: 68.61 ug/ml m



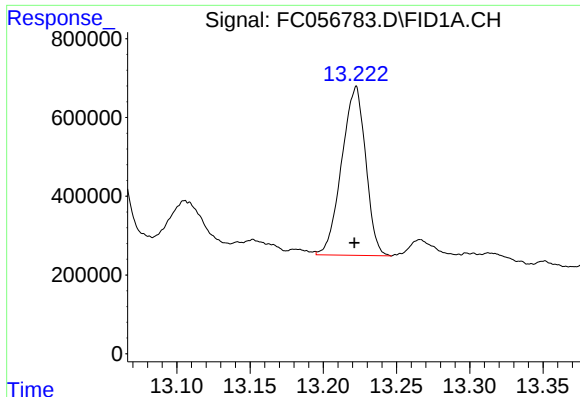
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.617 min
Delta R.T.: 0.006 min
Response: 5895533
Conc: 51.30 ug/ml m



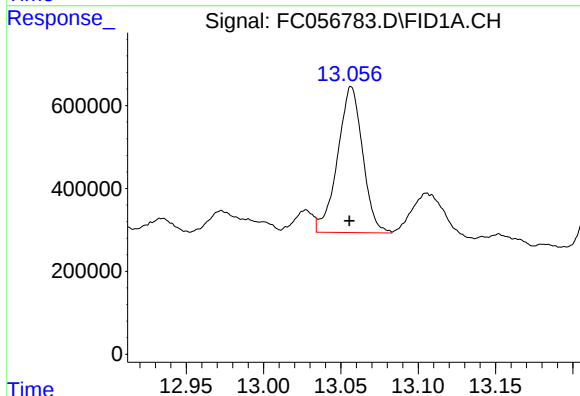
#11 n-Heneicosane (C21)

R.T.: 13.222 min
Delta R.T.: 0.001 min
Response: 4870099
Conc: 42.38 ug/ml

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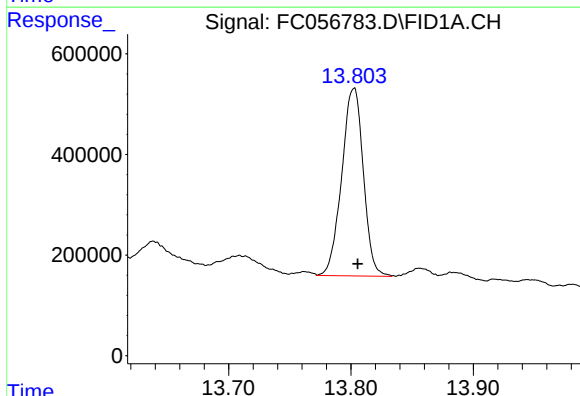
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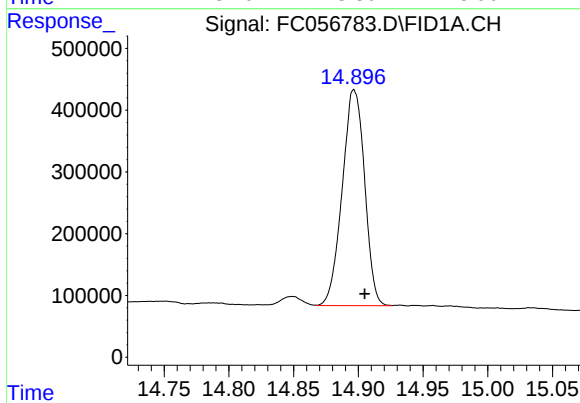
#12 1-chlorooctadecane (SURR)

R.T.: 13.056 min
Delta R.T.: 0.000 min
Response: 3964084
Conc: 41.20 ug/ml m



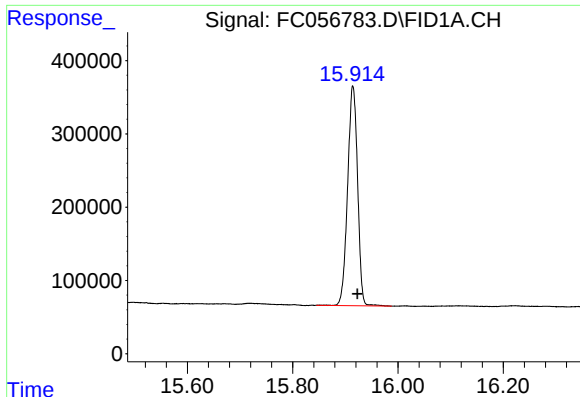
#13 n-Docosane (C22)

R.T.: 13.803 min
Delta R.T.: -0.003 min
Response: 4578051
Conc: 40.66 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.896 min
Delta R.T.: -0.009 min
Response: 4205997
Conc: 38.17 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.915 min
Delta R.T.: -0.008 min
Response: 3935199
Conc: 37.28 ug/ml

Instrument :

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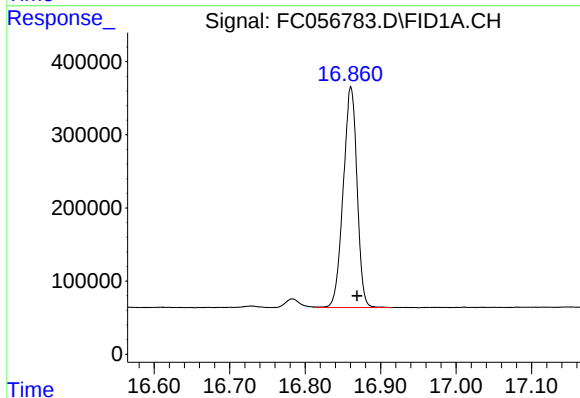
ClientSampleId :

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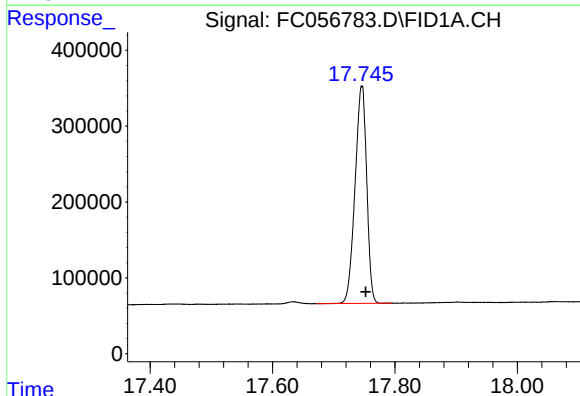
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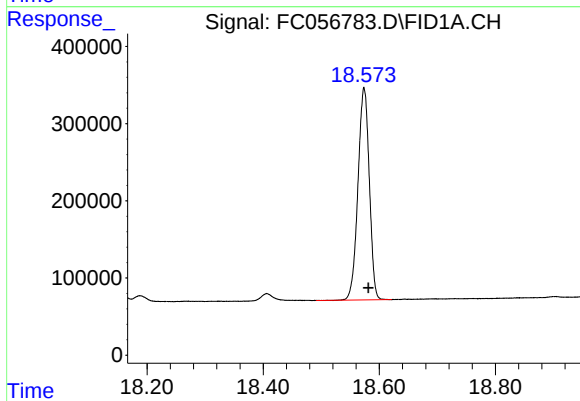
#16 n-Octacosane (C28)

R.T.: 16.861 min
Delta R.T.: -0.008 min
Response: 3838847
Conc: 37.01 ug/ml



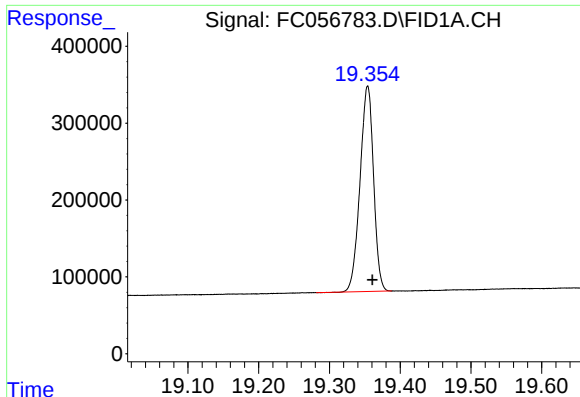
#17 n-Tricontane (C30)

R.T.: 17.746 min
Delta R.T.: -0.007 min
Response: 3787639
Conc: 36.56 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: -0.007 min
Response: 3724045
Conc: 38.87 ug/ml



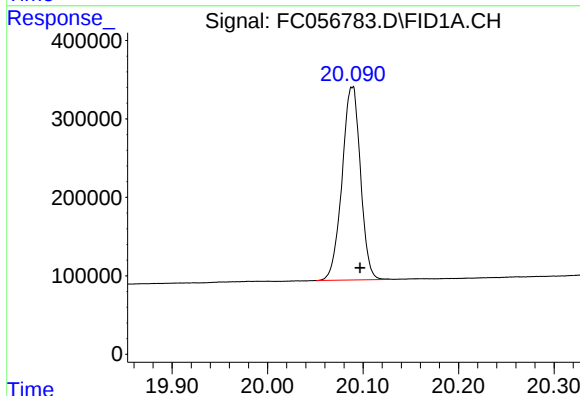
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: -0.007 min
Response: 3554212
Conc: 40.52 ug/ml

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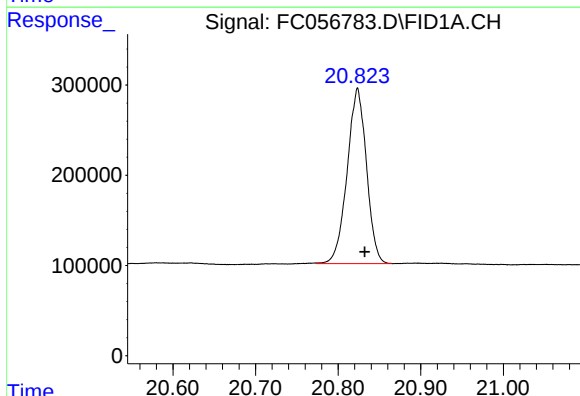
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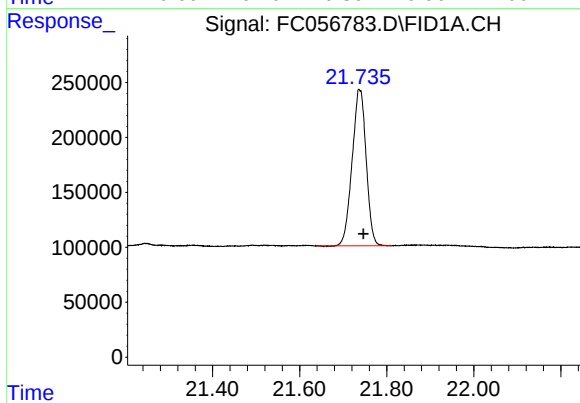
#20 n-Hexatriacontane (C36)

R.T.: 20.090 min
Delta R.T.: -0.007 min
Response: 3305444
Conc: 40.38 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: -0.009 min
Response: 3157653
Conc: 39.48 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.738 min
Delta R.T.: -0.009 min
Response: 3175052
Conc: 38.54 ug/ml