

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111221AL\
 Data File : FC056784.D
 Signal(s) : FID1A.CH
 Acq On : 13 Nov 2021 9:35
 Operator : AJ\MA
 Sample : M4592-01MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTE-117MSD

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 00:25:43 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	3802394	39.516 ug/mlm
Spiked Amount 50.000		Recovery =	79.03%
Target Compounds			
1) T n-Nonane (C9)	3.368	2422987	22.387 ug/mlm
2) T n-Decane (C10)	4.439	5594214	51.934 ug/ml
4) T n-Dodecane (C12)	6.471	5127786	46.515 ug/mlm
6) T n-Tetradecane (C14)	8.285	9109990	81.145 ug/mlm
7) T n-Hexadecane (C16)	9.883	9780621	86.029 ug/mlm
8) T n-Octadecane (C18)	11.321	7859873	67.260 ug/mlm
10) T n-Eicosane (C20)	12.617	6052447	52.663 ug/mlm
11) T n-Heneicosane (C21)	13.222	4933107	42.925 ug/mlm
13) T n-Docosane (C22)	13.803	4540390	40.329 ug/mlm
14) T n-Tetracosane (C24)	14.897	4222607	38.316 ug/mlm
15) T n-Hexacosane (C26)	15.914	3947159	37.398 ug/ml
16) T n-Octacosane (C28)	16.861	3851992	37.136 ug/ml
17) T n-Tricontane (C30)	17.744	3798171	36.659 ug/ml
18) T n-Dotriacontane (C32)	18.573	3729441	38.926 ug/ml
19) T n-Tetratriacontane (C34)	19.353	3578843	40.804 ug/ml
20) T n-Hexatriacontane (C36)	20.088	3384093	41.344 ug/mlm
21) T n-Octatriacontane (C38)	20.823	3188523	39.868 ug/ml
22) T n-Tetracontane (C40)	21.738	3185512	38.664 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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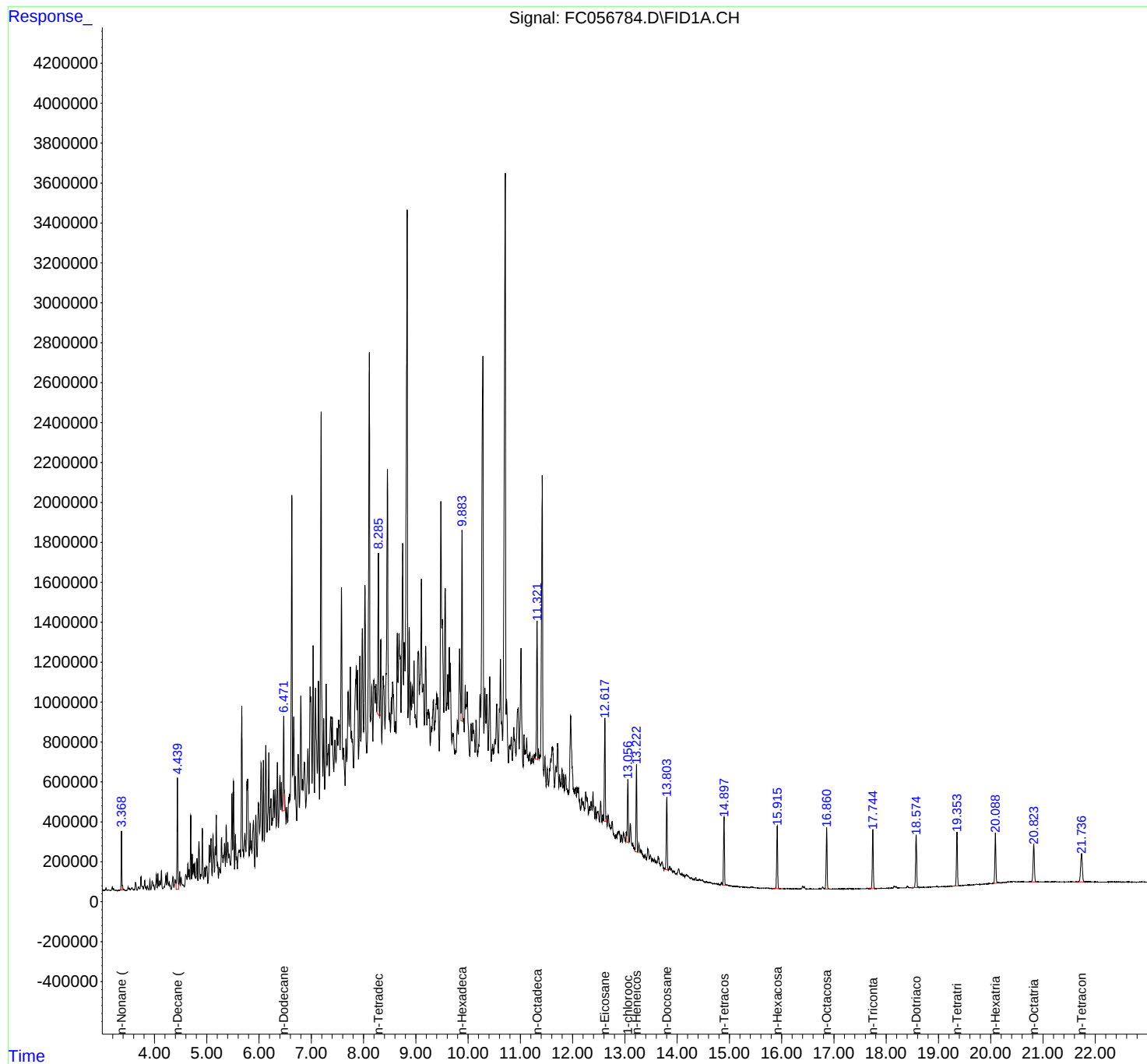
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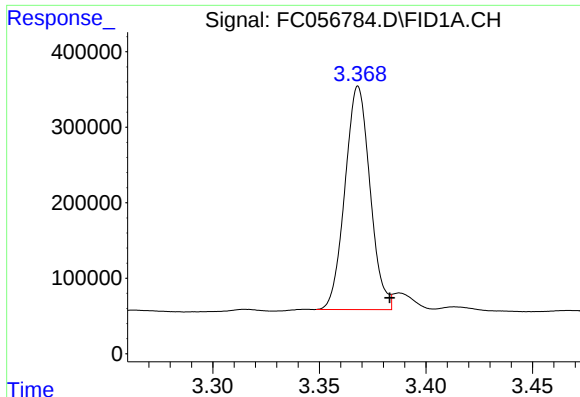
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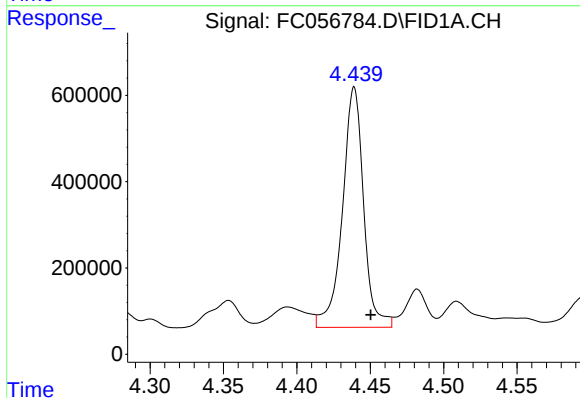
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: -0.015 min
Response: 2422987
Conc: 22.39 ug/ml

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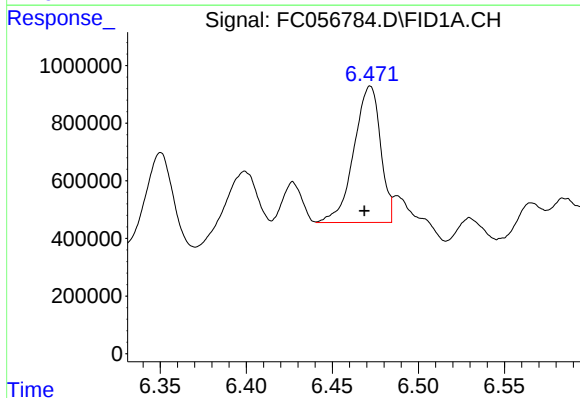
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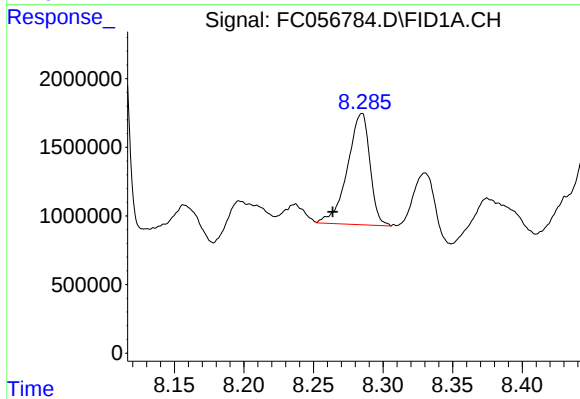
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.011 min
Response: 5594214
Conc: 51.93 ug/ml



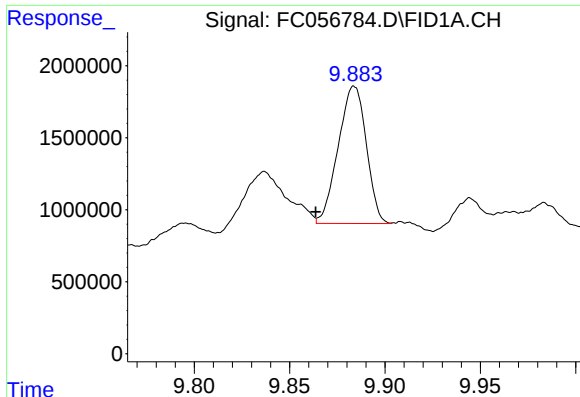
#4 n-Dodecane (C12)

R.T.: 6.471 min
Delta R.T.: 0.003 min
Response: 5127786
Conc: 46.52 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.285 min
Delta R.T.: 0.021 min
Response: 9109990
Conc: 81.15 ug/ml m



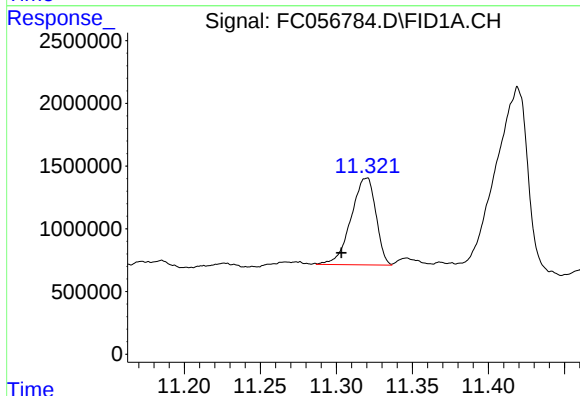
#7 n-Hexadecane (C16)

R.T.: 9.883 min
Delta R.T.: 0.019 min
Response: 9780621
Conc: 86.03 ug/ml

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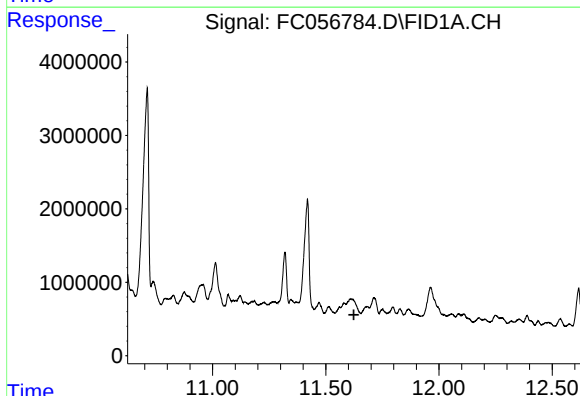
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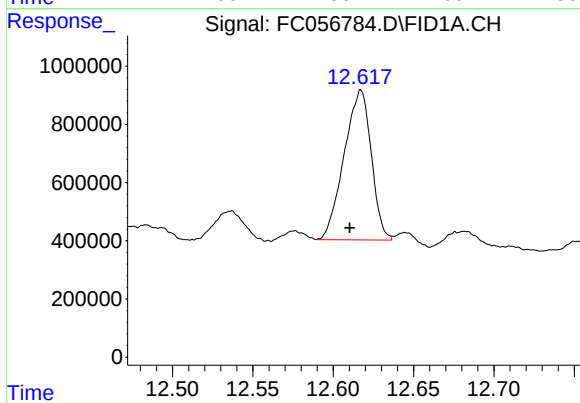
#8 n-Octadecane (C18)

R.T.: 11.321 min
Delta R.T.: 0.017 min
Response: 7859873
Conc: 67.26 ug/ml m



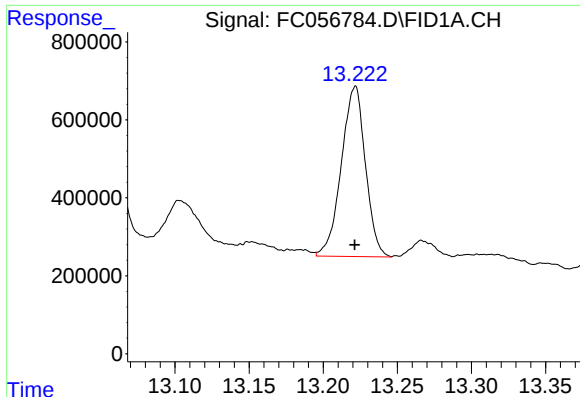
#9 ortho-Terphenyl (SURR)

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: 6052447
Conc: 52.66 ug/ml m



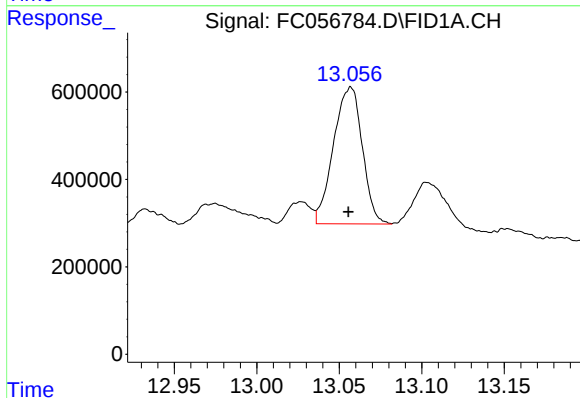
#11 n-Heneicosane (C21)

R.T.: 13.222 min
Delta R.T.: 0.000 min
Response: 4933107
Conc: 42.93 ug/ml

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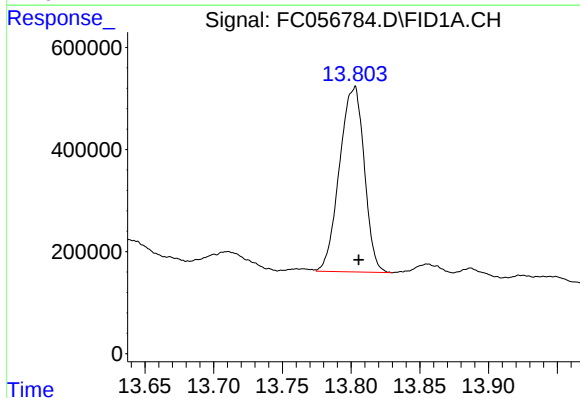
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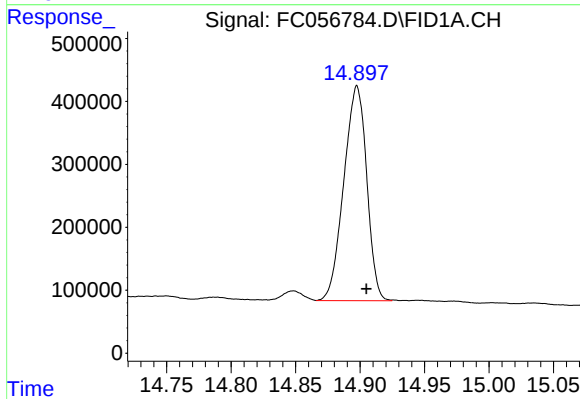
#12 1-chlorooctadecane (SURR)

R.T.: 13.056 min
Delta R.T.: 0.000 min
Response: 3802394
Conc: 39.52 ug/ml m



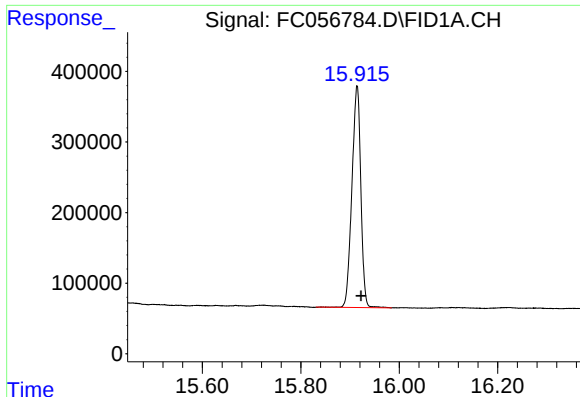
#13 n-Docosane (C22)

R.T.: 13.803 min
Delta R.T.: -0.003 min
Response: 4540390
Conc: 40.33 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: -0.008 min
Response: 4222607
Conc: 38.32 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.914 min
Delta R.T.: -0.009 min
Response: 3947159
Conc: 37.40 ug/ml

Instrument :

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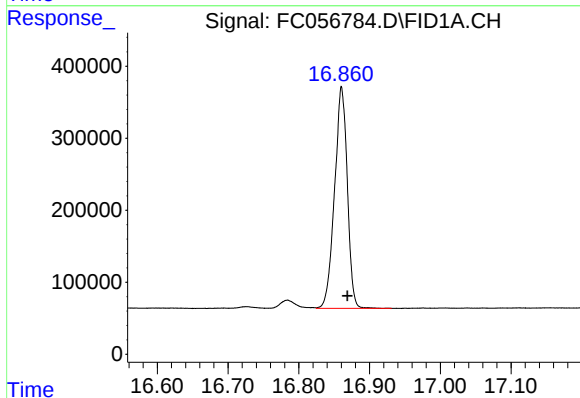
ClientSampleId :

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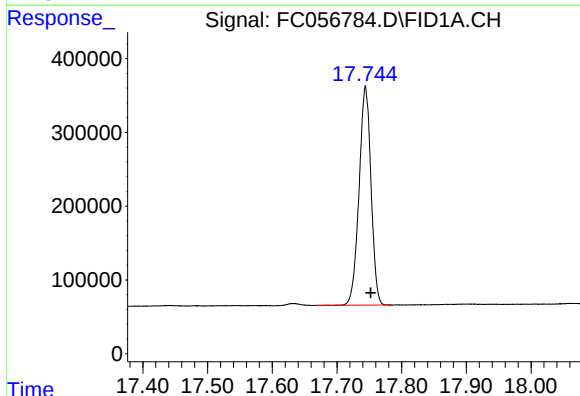
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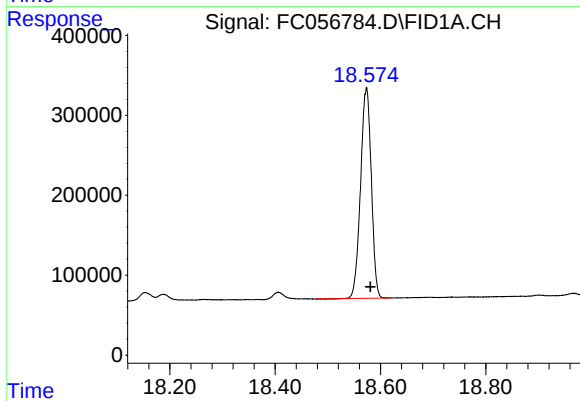
#16 n-Octacosane (C28)

R.T.: 16.861 min
Delta R.T.: -0.008 min
Response: 3851992
Conc: 37.14 ug/ml



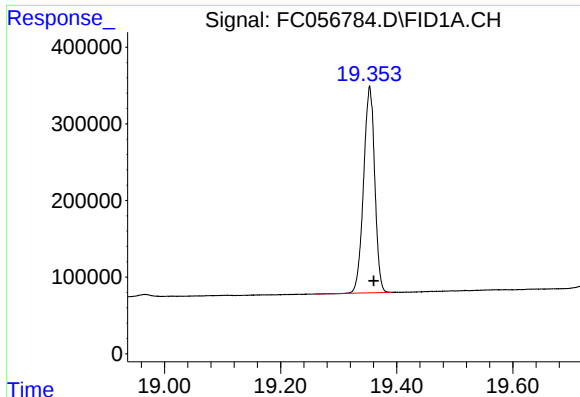
#17 n-Tricontane (C30)

R.T.: 17.744 min
Delta R.T.: -0.008 min
Response: 3798171
Conc: 36.66 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.573 min
Delta R.T.: -0.008 min
Response: 3729441
Conc: 38.93 ug/ml



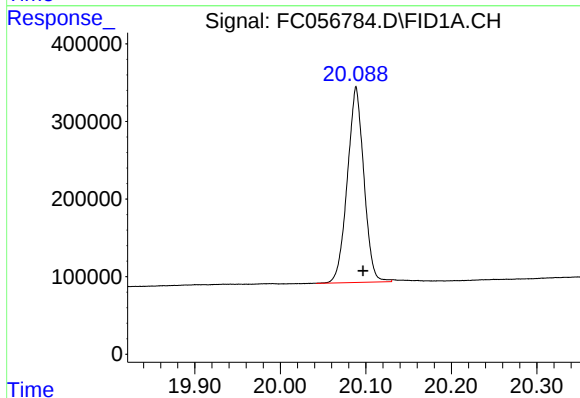
#19 n-Tetratriacontane (C34)

R.T.: 19.353 min
Delta R.T.: -0.007 min
Response: 3578843
Conc: 40.80 ug/ml

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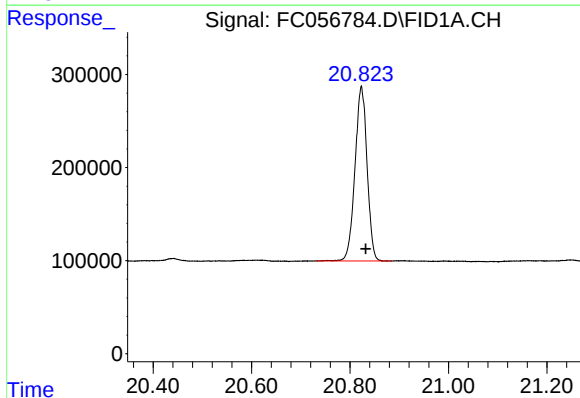
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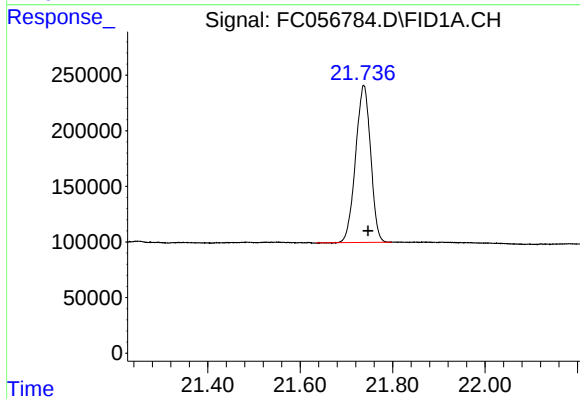
#20 n-Hexatriacontane (C36)

R.T.: 20.088 min
Delta R.T.: -0.009 min
Response: 3384093
Conc: 41.34 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: -0.009 min
Response: 3188523
Conc: 39.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.738 min
Delta R.T.: -0.009 min
Response: 3185512
Conc: 38.66 ug/ml