

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032922AL\
 Data File : FC058982.D
 Signal(s) : FID1A.CH
 Acq On : 30 Mar 2022 17:08
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: sample.E
 Quant Time: Mar 31 01:11:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 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			
9) S ortho-Terphenyl (SURR)	11.097	2955174	20.510 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
12) S 1-chlorooctadecane (S...	12.547	2289689	20.426 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
Target Compounds			
1) T n-Nonane (C9)	2.952	2574783	21.011 ug/ml
2) T n-Decane (C10)	3.995	2592660	21.157 ug/ml
3) T A~Naphthalene (C11.7)	5.543	2691699	21.439 ug/ml
4) T n-Dodecane (C12)	5.995	2672868	20.926 ug/ml
5) T A~2-methylnaphthalene...	6.592	2719881	21.216 ug/ml
6) T n-Tetradecane (C14)	7.781	2704694	20.802 ug/ml
7) T n-Hexadecane (C16)	9.373	2716803	20.459 ug/ml
8) T n-Octadecane (C18)	10.807	2729356	20.528 ug/ml
10) T n-Eicosane (C20)	12.110	2671108	20.386 ug/ml
11) T n-Heneicosane (C21)	12.719	2669032	20.456 ug/ml
13) T n-Docosane (C22)	13.302	2651533	20.468 ug/ml
14) T n-Tetracosane (C24)	14.400	2571694	20.358 ug/ml
15) T n-Hexacosane (C26)	15.416	2495716	20.661 ug/ml
16) T n-Octacosane (C28)	16.360	2461018	20.784 ug/mlm
17) T n-Tricontane (C30)	17.246	2450639	21.482 ug/ml
18) T n-Dotriacontane (C32)	18.075	2357547	22.006 ug/mlm
19) T n-Tetratriacontane (C34)	18.856	2234617	22.117 ug/mlm
20) T n-Hexatriacontane (C36)	19.594	2055232	21.510 ug/ml
21) T n-Octatriacontane (C38)	20.291	2007044	21.811 ug/ml
22) T n-Tetracontane (C40)	21.034	2079353	22.373 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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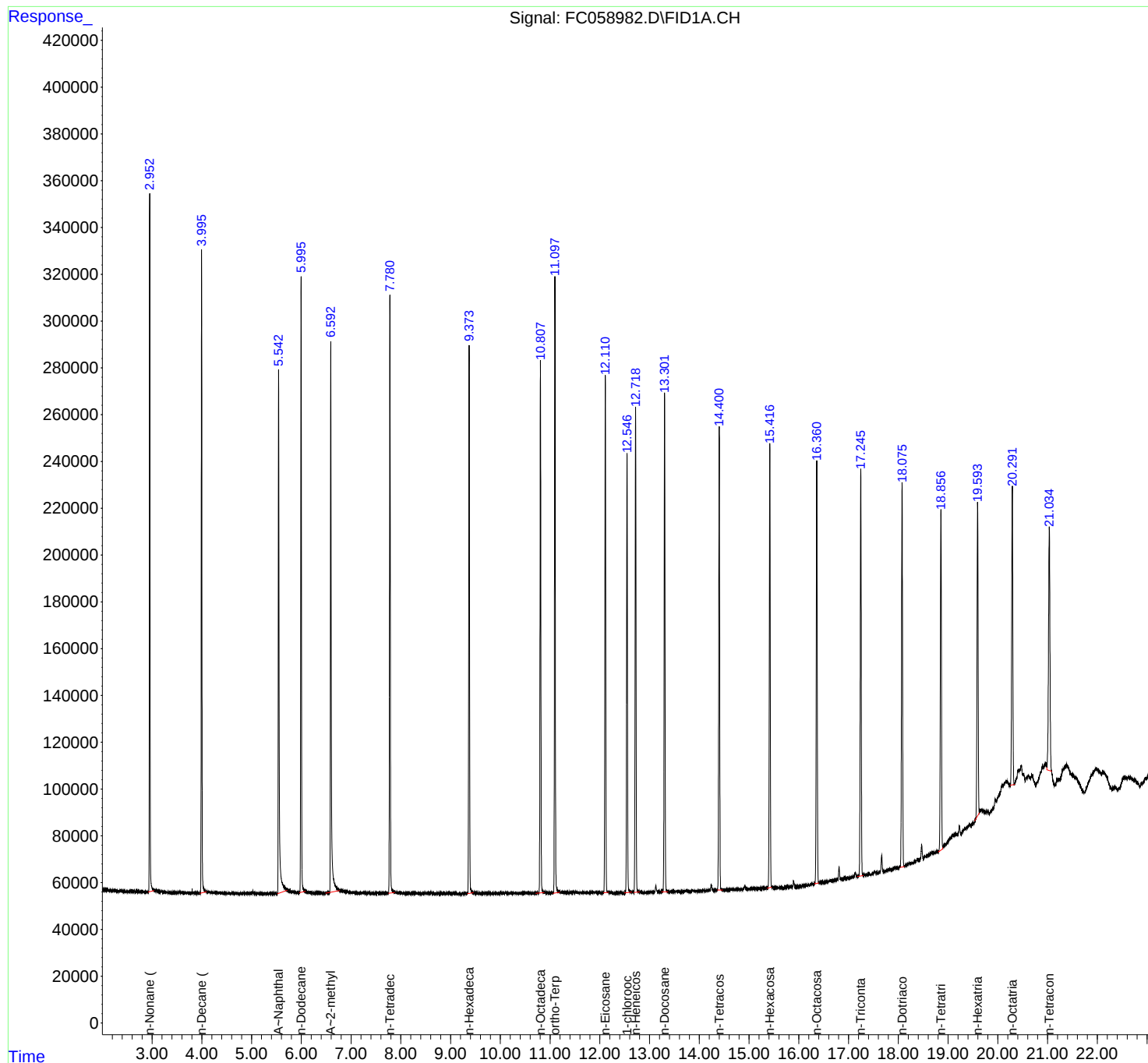
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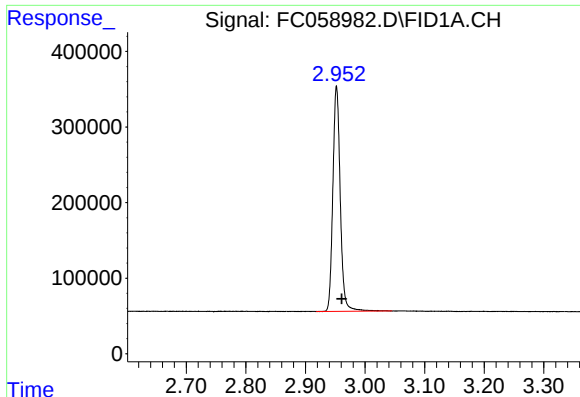
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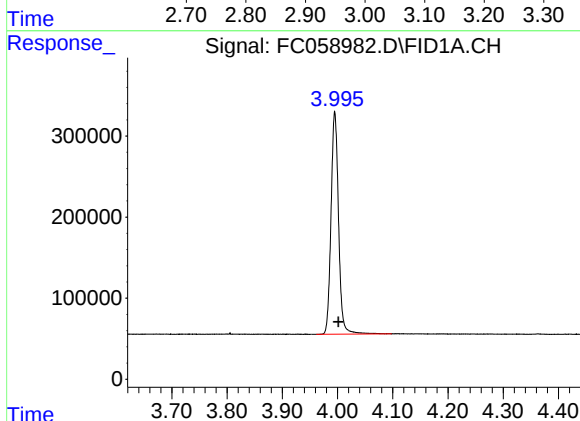
#1 n-Nonane (C9)

R.T.: 2.952 min
Delta R.T.: -0.009 min
Response: 2574783
Conc: 21.01 ug/ml

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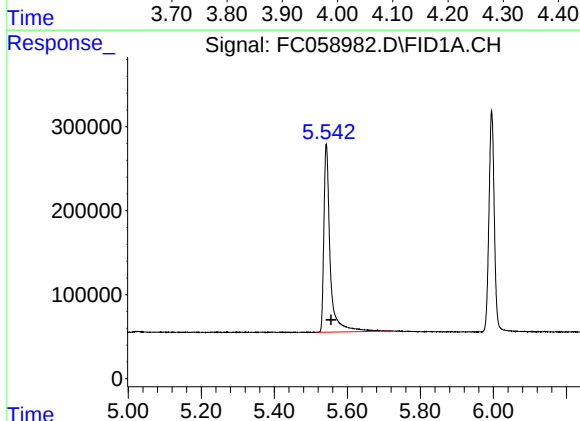
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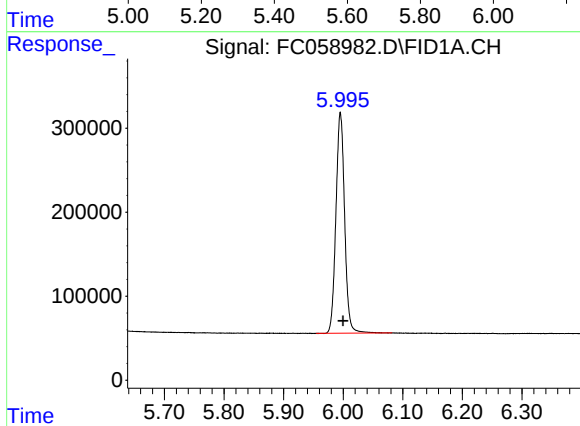
#2 n-Decane (C10)

R.T.: 3.995 min
Delta R.T.: -0.007 min
Response: 2592660
Conc: 21.16 ug/ml



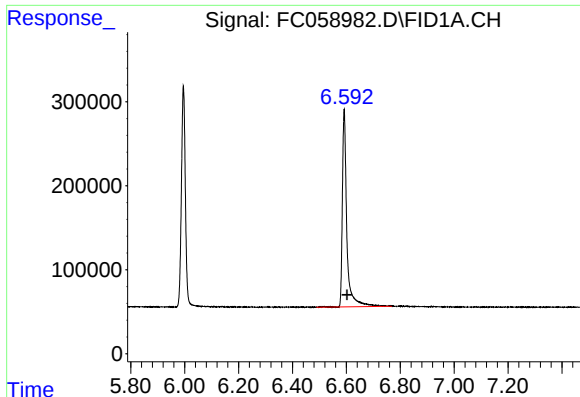
#3 A~Naphthalene (C11.7)

R.T.: 5.543 min
Delta R.T.: -0.013 min
Response: 2691699
Conc: 21.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.995 min
Delta R.T.: -0.005 min
Response: 2672868
Conc: 20.93 ug/ml



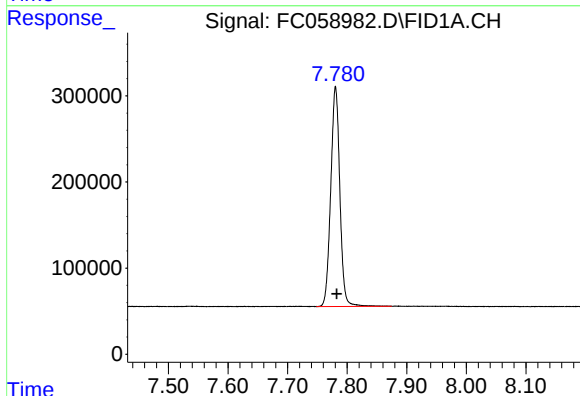
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.592 min
Delta R.T.: -0.011 min
Response: 2719881
Conc: 21.22 ug/ml

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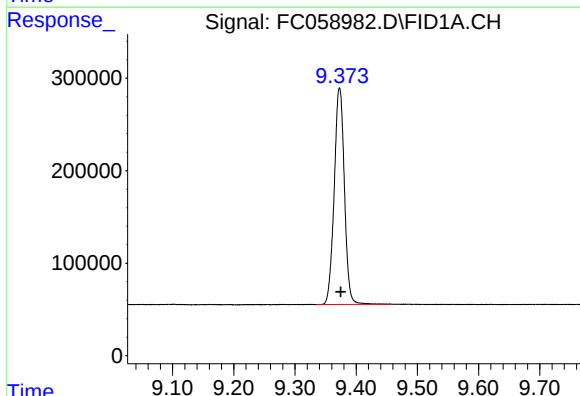
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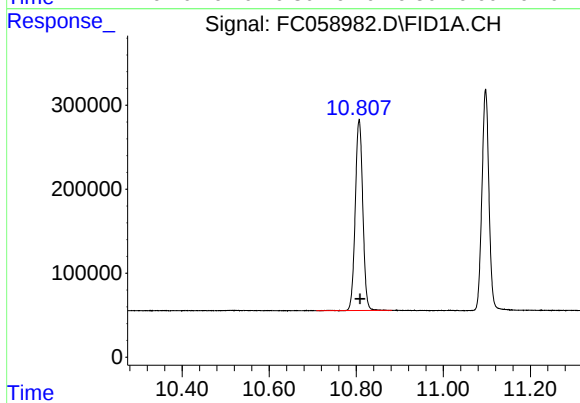
#6 n-Tetradecane (C14)

R.T.: 7.781 min
Delta R.T.: -0.002 min
Response: 2704694
Conc: 20.80 ug/ml



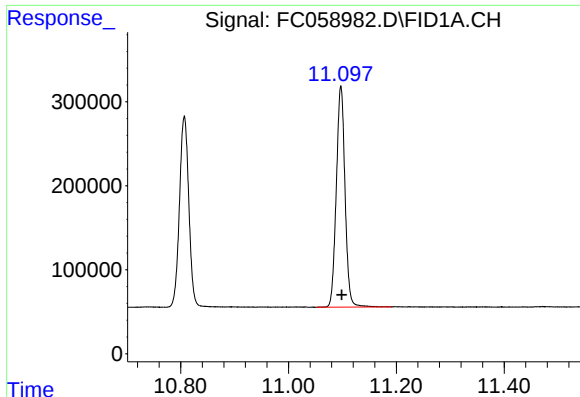
#7 n-Hexadecane (C16)

R.T.: 9.373 min
Delta R.T.: -0.002 min
Response: 2716803
Conc: 20.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.807 min
Delta R.T.: -0.002 min
Response: 2729356
Conc: 20.53 ug/ml



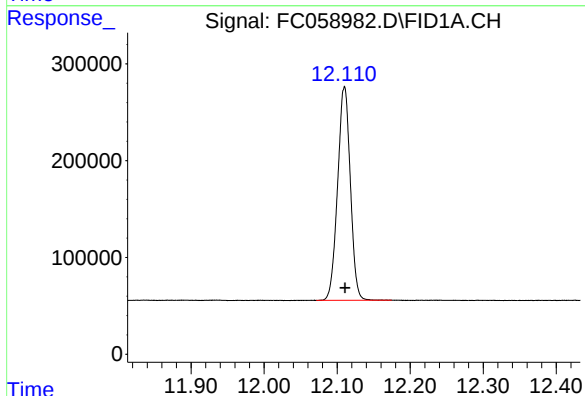
#9 ortho-Terphenyl (SURR)

R.T.: 11.097 min
Delta R.T.: -0.002 min
Response: 2955174
Conc: 20.51 ug/ml

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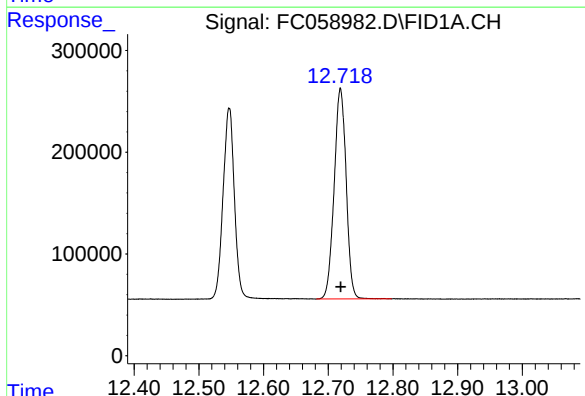
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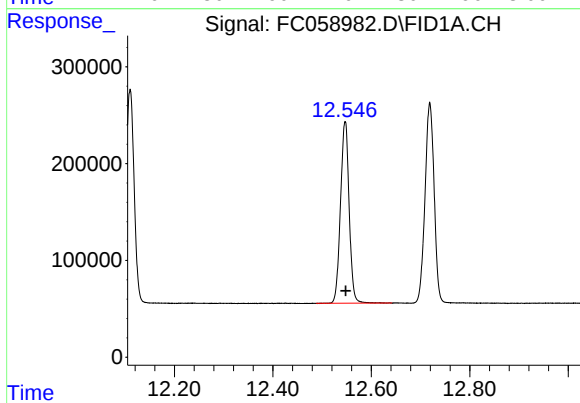
#10 n-Eicosane (C20)

R.T.: 12.110 min
Delta R.T.: 0.000 min
Response: 2671108
Conc: 20.39 ug/ml



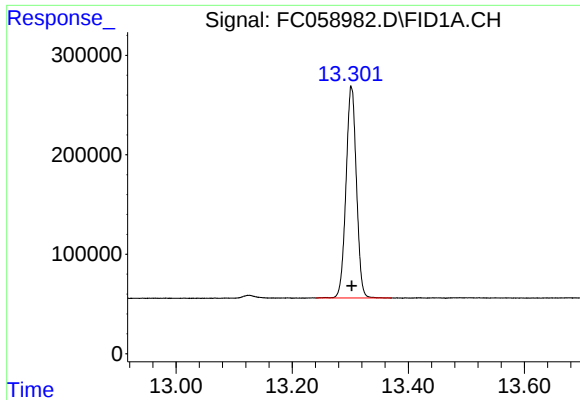
#11 n-Heneicosane (C21)

R.T.: 12.719 min
Delta R.T.: 0.000 min
Response: 2669032
Conc: 20.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.547 min
Delta R.T.: -0.002 min
Response: 2289689
Conc: 20.43 ug/ml



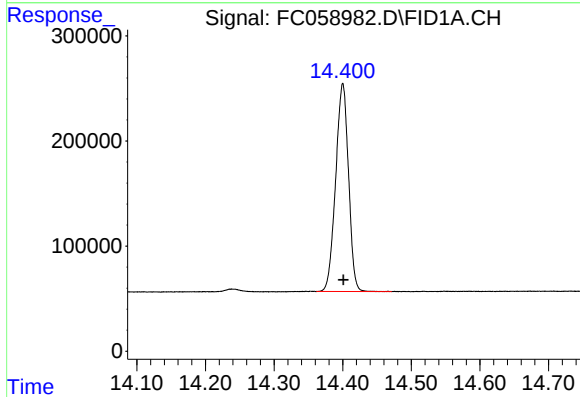
#13 n-Docosane (C22)

R.T.: 13.302 min
Delta R.T.: 0.000 min
Response: 2651533
Conc: 20.47 ug/ml

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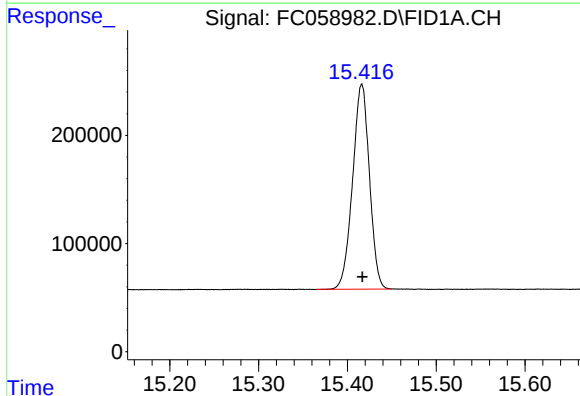
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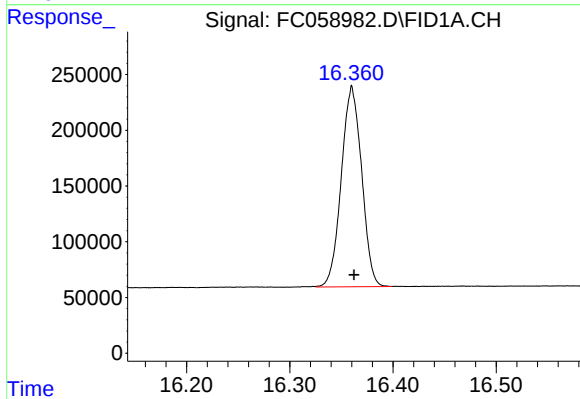
#14 n-Tetracosane (C24)

R.T.: 14.400 min
Delta R.T.: -0.001 min
Response: 2571694
Conc: 20.36 ug/ml



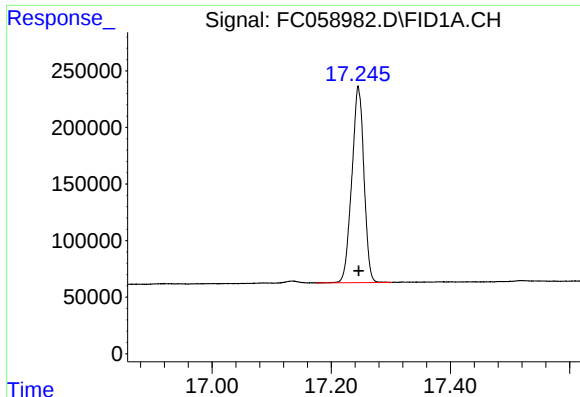
#15 n-Hexacosane (C26)

R.T.: 15.416 min
Delta R.T.: -0.001 min
Response: 2495716
Conc: 20.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.360 min
Delta R.T.: -0.003 min
Response: 2461018
Conc: 20.78 ug/ml m



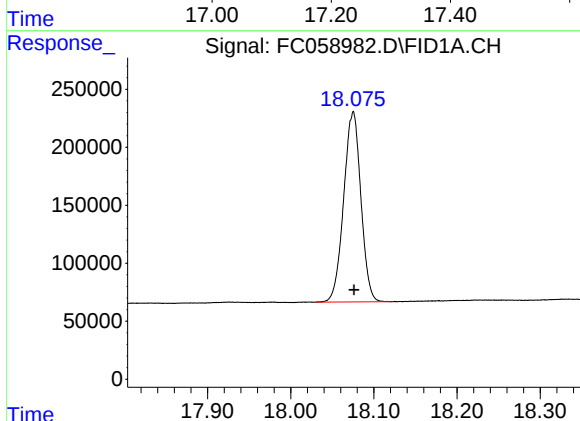
#17 n-Tricontane (C30)

R.T.: 17.246 min
Delta R.T.: 0.000 min
Response: 2450639
Conc: 21.48 ug/ml

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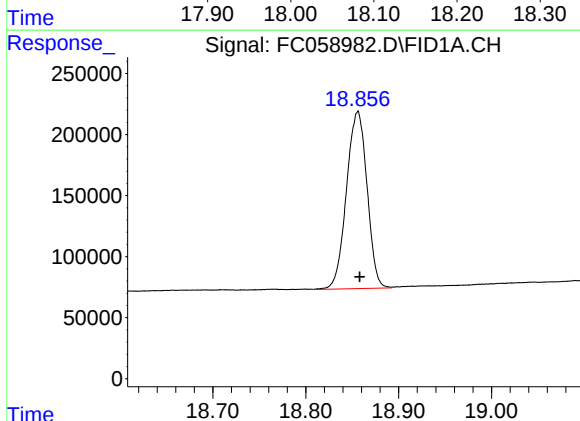
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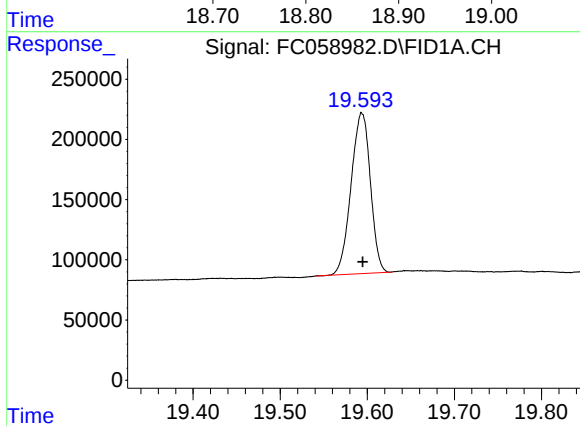
#18 n-Dotriacontane (C32)

R.T.: 18.075 min
Delta R.T.: -0.001 min
Response: 2357547
Conc: 22.01 ug/ml m



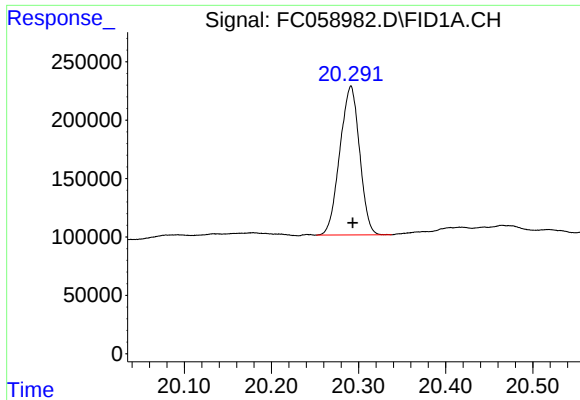
#19 n-Tetratriacontane (C34)

R.T.: 18.856 min
Delta R.T.: -0.002 min
Response: 2234617
Conc: 22.12 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.594 min
Delta R.T.: -0.001 min
Response: 2055232
Conc: 21.51 ug/ml



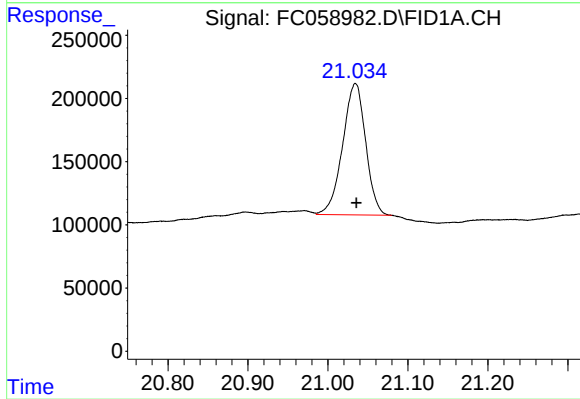
#21 n-Octatriacontane (C38)

R.T.: 20.291 min
Delta R.T.: -0.002 min
Response: 2007044
Conc: 21.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.034 min
Delta R.T.: -0.002 min
Response: 2079353
Conc: 22.37 ug/ml m