

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022422AL\
 Data File : FC058462.D
 Signal(s) : FID1A.CH
 Acq On : 24 Feb 2022 16:42
 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 02/25/2022
 Supervised By :Ankita Jodhani 02/25/2022

Integration File: autoint1.e
 Quant Time: Feb 25 00:08:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.385	2967534	20.374 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
12) S 1-chlorooctadecane (S...	12.819	2302854	20.316 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
Target Compounds			
1) T n-Nonane (C9)	3.246	2448095	20.358 ug/ml
2) T n-Decane (C10)	4.294	2440091	20.505 ug/ml
3) T A~Naphthalene (C11.7)	5.853	2660607	20.500 ug/ml
4) T n-Dodecane (C12)	6.288	2521740	20.499 ug/ml
5) T A~2-methylnaphthalene...	6.896	2698307	20.697 ug/ml
6) T n-Tetradecane (C14)	8.064	2562426	20.449 ug/ml
7) T n-Hexadecane (C16)	9.651	2622014	20.360 ug/ml
8) T n-Octadecane (C18)	11.080	2685610	20.408 ug/ml
10) T n-Eicosane (C20)	12.380	2657677	20.211 ug/ml
11) T n-Heneicosane (C21)	12.988	2665087	20.166 ug/ml
13) T n-Docosane (C22)	13.570	2663977	20.434 ug/ml
14) T n-Tetracosane (C24)	14.666	2621345	20.299 ug/ml
15) T n-Hexacosane (C26)	15.680	2538263	20.519 ug/ml
16) T n-Octacosane (C28)	16.625	2467196	20.727 ug/ml
17) T n-Tricontane (C30)	17.508	2385630	21.194 ug/ml
18) T n-Dotriacontane (C32)	18.336	2202702	20.484 ug/mlm
19) T n-Tetratriacontane (C34)	19.115	2023751	20.887 ug/ml
20) T n-Hexatriacontane (C36)	19.851	1881897	20.860 ug/ml
21) T n-Octatriacontane (C38)	20.555	1791848	20.590 ug/ml
22) T n-Tetracontane (C40)	21.377	1775253	21.155 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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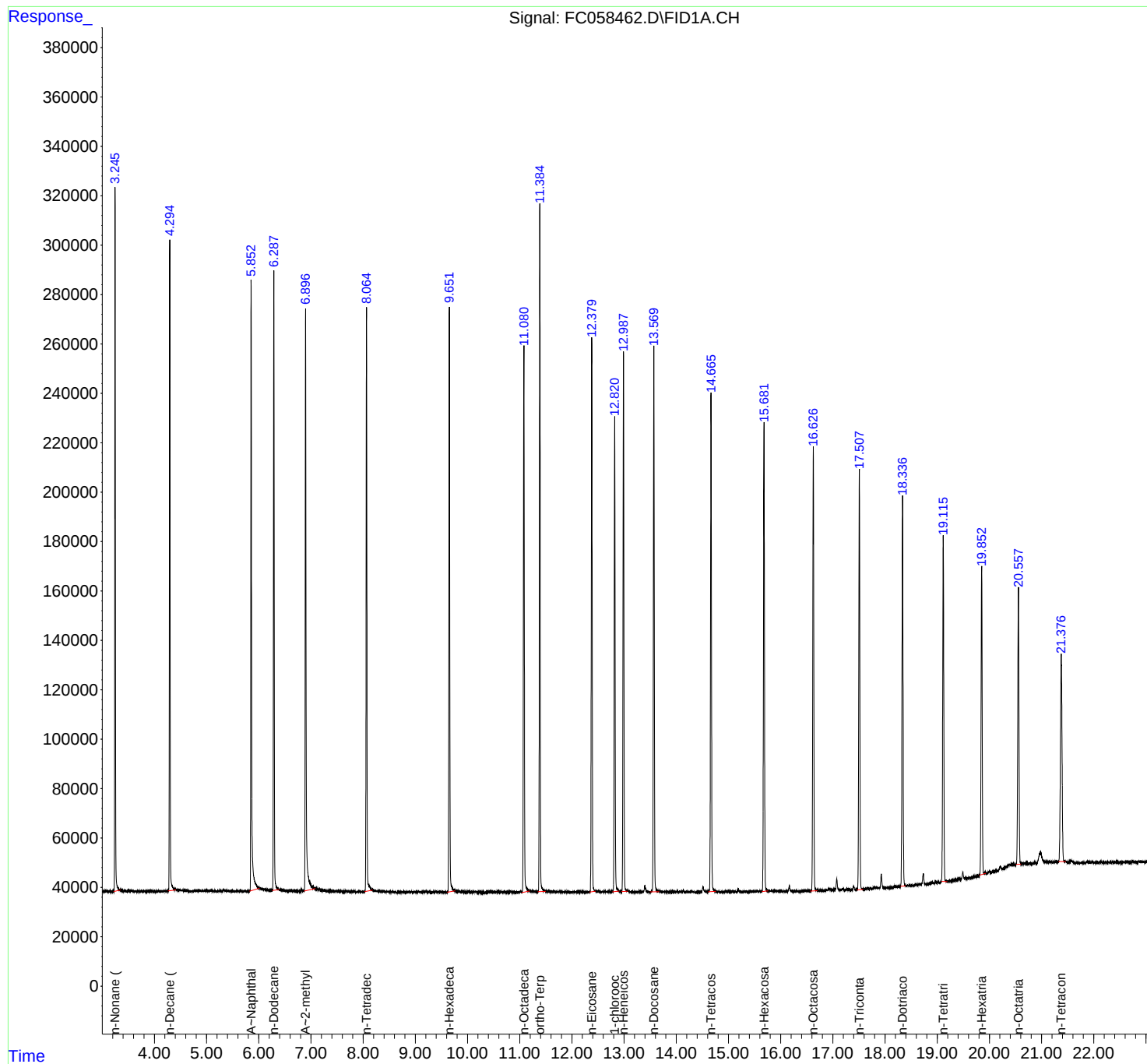
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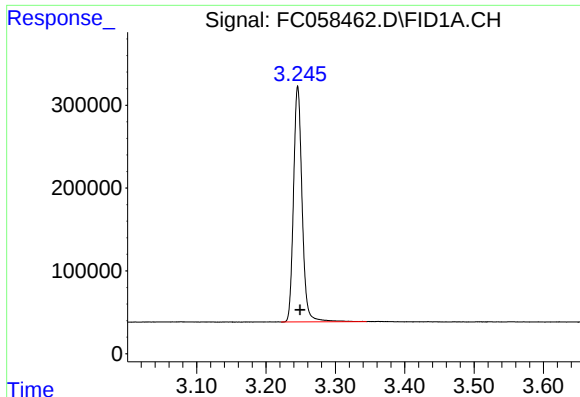
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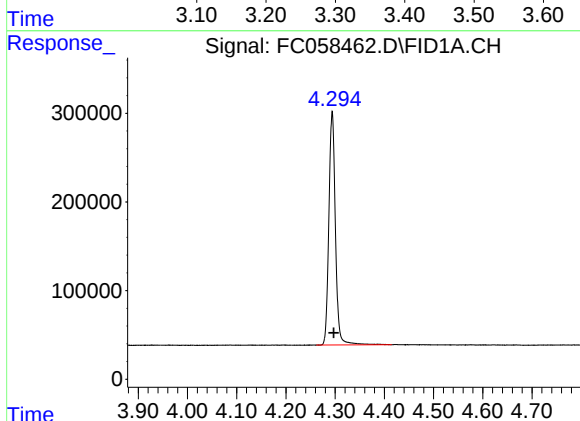
#1 n-Nonane (C9)

R.T.: 3.246 min
Delta R.T.: -0.003 min
Response: 2448095
Conc: 20.36 ug/ml

Instrument :
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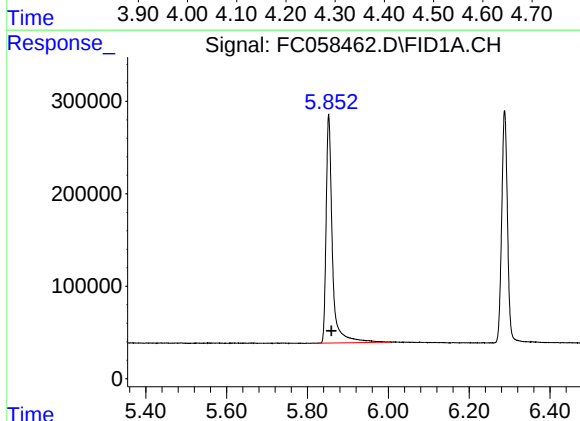
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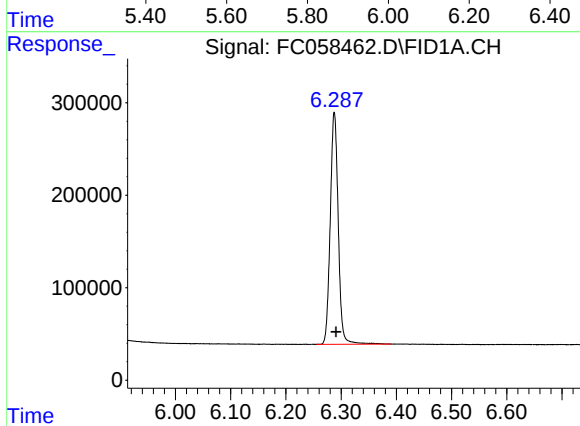
#2 n-Decane (C10)

R.T.: 4.294 min
Delta R.T.: -0.003 min
Response: 2440091
Conc: 20.51 ug/ml



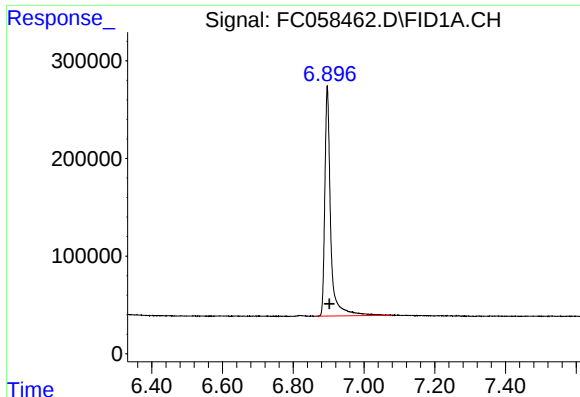
#3 A~Naphthalene (C11.7)

R.T.: 5.853 min
Delta R.T.: -0.006 min
Response: 2660607
Conc: 20.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.288 min
Delta R.T.: -0.003 min
Response: 2521740
Conc: 20.50 ug/ml



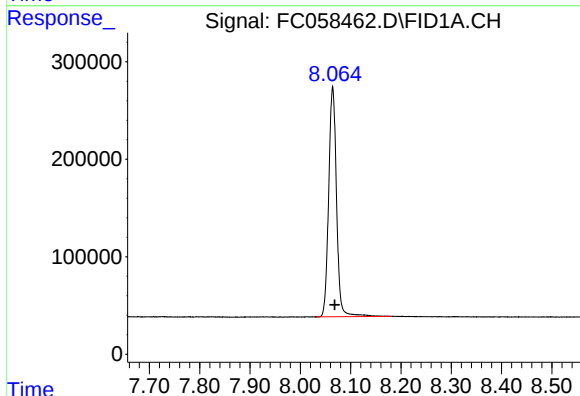
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.896 min
Delta R.T.: -0.006 min
Response: 2698307
Conc: 20.70 ug/ml

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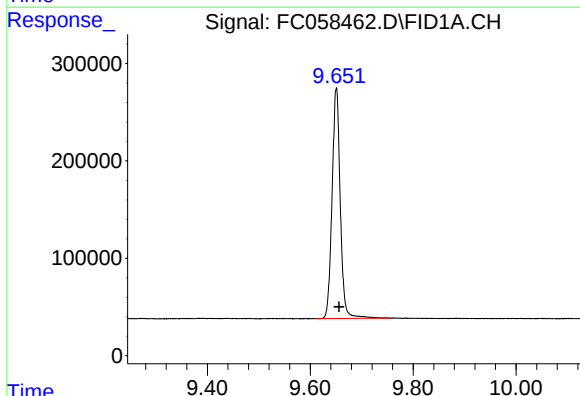
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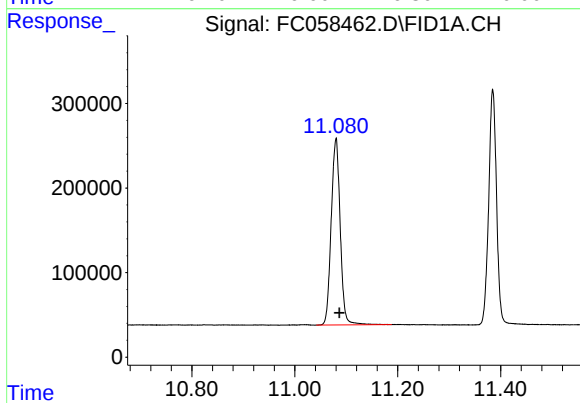
#6 n-Tetradecane (C14)

R.T.: 8.064 min
Delta R.T.: -0.004 min
Response: 2562426
Conc: 20.45 ug/ml



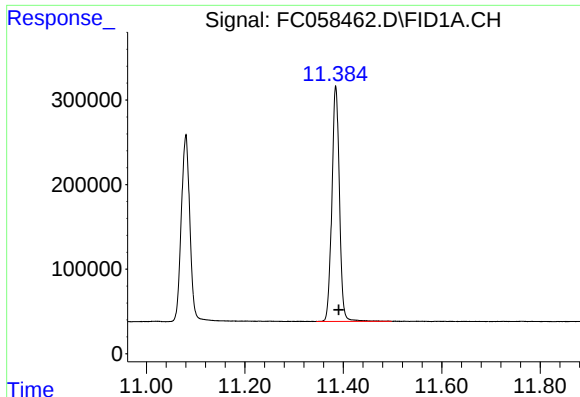
#7 n-Hexadecane (C16)

R.T.: 9.651 min
Delta R.T.: -0.006 min
Response: 2622014
Conc: 20.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.080 min
Delta R.T.: -0.007 min
Response: 2685610
Conc: 20.41 ug/ml



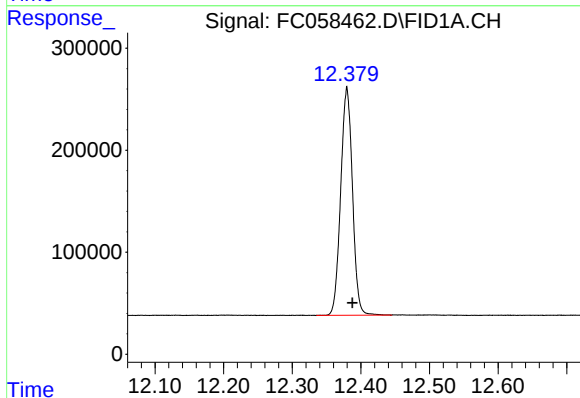
#9 ortho-Terphenyl (SURR)

R.T.: 11.385 min
Delta R.T.: -0.006 min
Response: 2967534
Conc: 20.37 ug/ml

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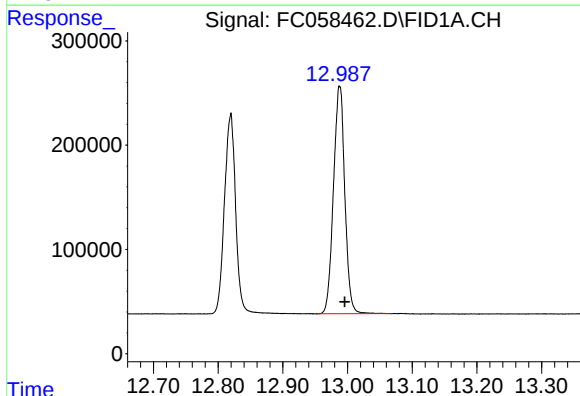
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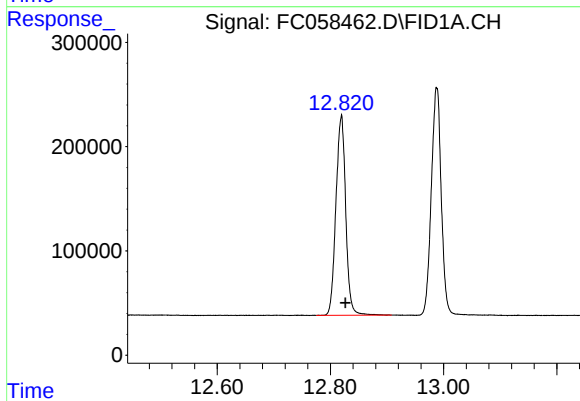
#10 n-Eicosane (C20)

R.T.: 12.380 min
Delta R.T.: -0.008 min
Response: 2657677
Conc: 20.21 ug/ml



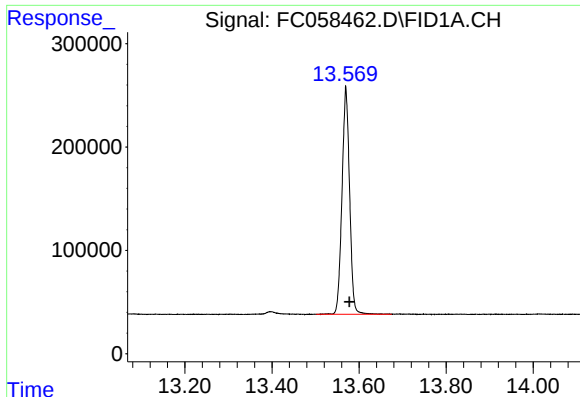
#11 n-Heneicosane (C21)

R.T.: 12.988 min
Delta R.T.: -0.008 min
Response: 2665087
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.819 min
Delta R.T.: -0.008 min
Response: 2302854
Conc: 20.32 ug/ml



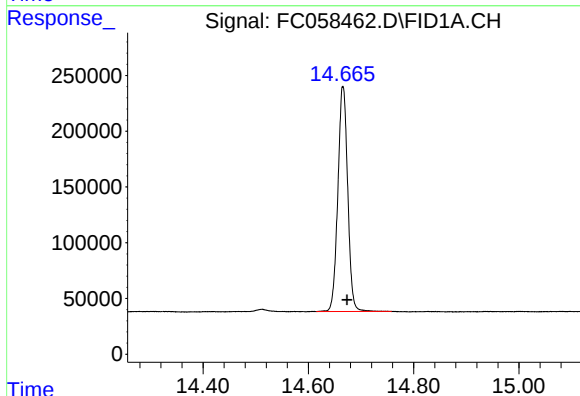
#13 n-Docosane (C22)

R.T.: 13.570 min
Delta R.T.: -0.008 min
Response: 2663977
Conc: 20.43 ug/ml

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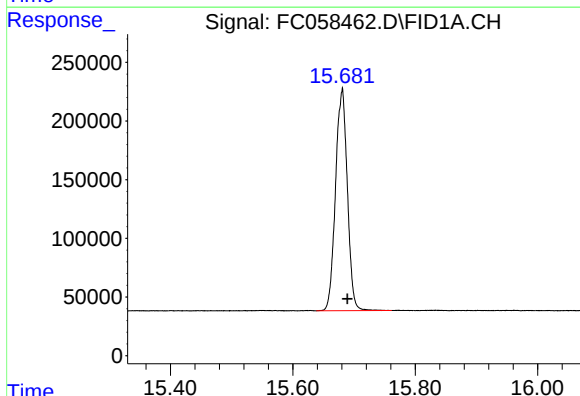
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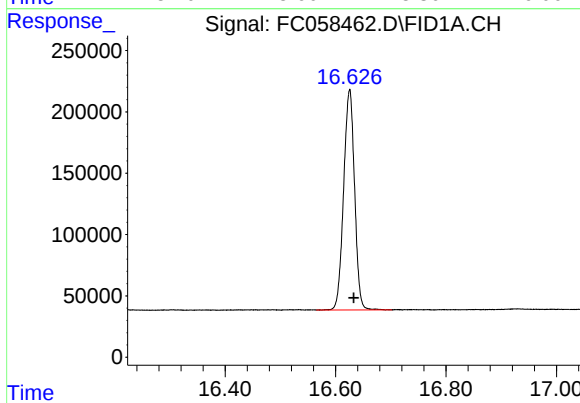
#14 n-Tetracosane (C24)

R.T.: 14.666 min
Delta R.T.: -0.008 min
Response: 2621345
Conc: 20.30 ug/ml



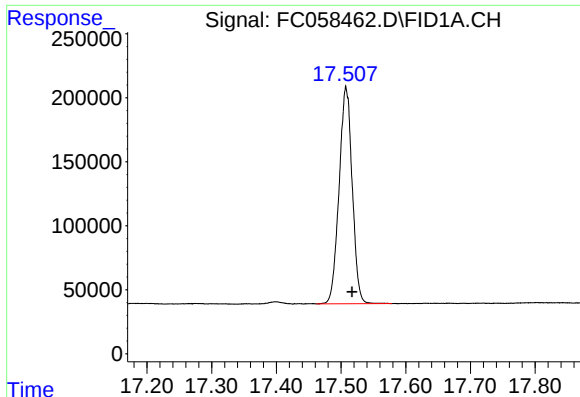
#15 n-Hexacosane (C26)

R.T.: 15.680 min
Delta R.T.: -0.009 min
Response: 2538263
Conc: 20.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.625 min
Delta R.T.: -0.008 min
Response: 2467196
Conc: 20.73 ug/ml



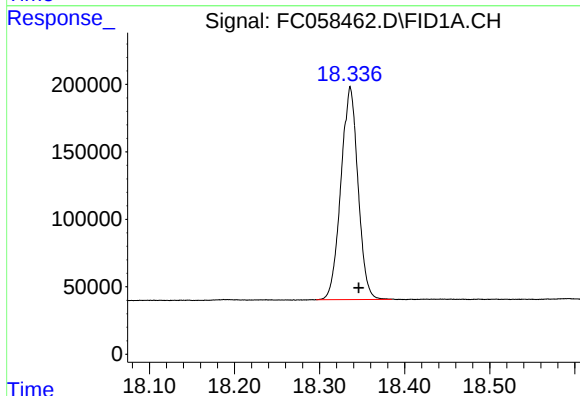
#17 n-Tricontane (C30)

R.T.: 17.508 min
Delta R.T.: -0.009 min
Response: 2385630
Conc: 21.19 ug/ml

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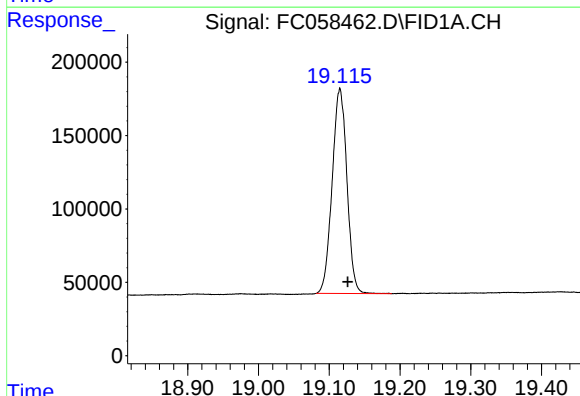
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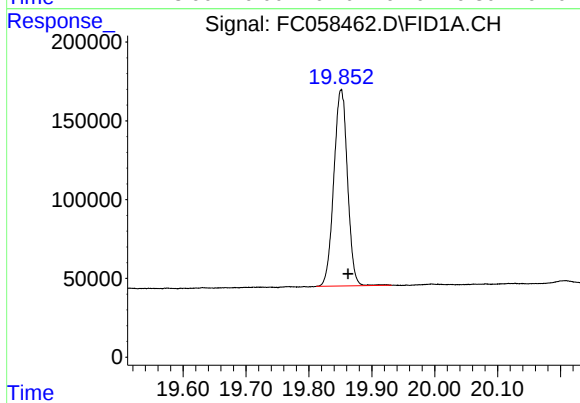
#18 n-Dotriacontane (C32)

R.T.: 18.336 min
Delta R.T.: -0.010 min
Response: 2202702
Conc: 20.48 ug/ml m



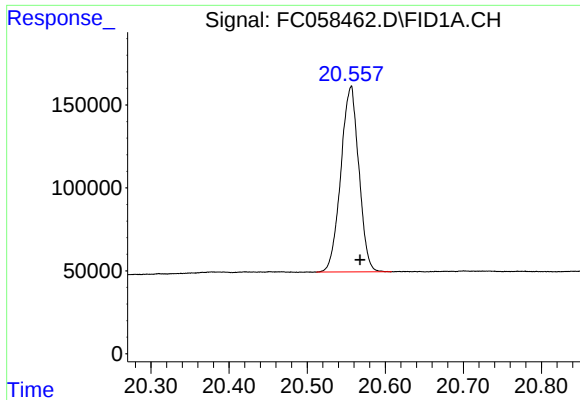
#19 n-Tetratriacontane (C34)

R.T.: 19.115 min
Delta R.T.: -0.011 min
Response: 2023751
Conc: 20.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.851 min
Delta R.T.: -0.011 min
Response: 1881897
Conc: 20.86 ug/ml



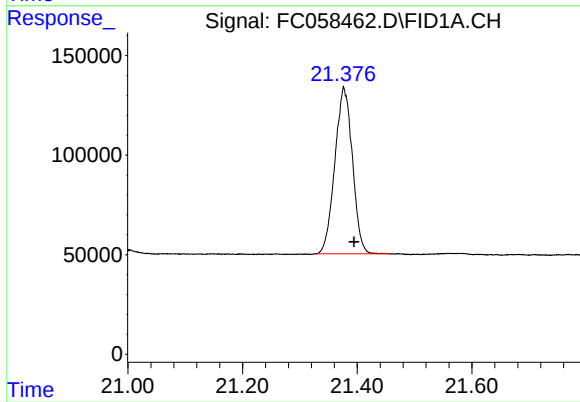
#21 n-Octatriacontane (C38)

R.T.: 20.555 min
Delta R.T.: -0.012 min
Response: 1791848
Conc: 20.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.377 min
Delta R.T.: -0.018 min
Response: 1775253
Conc: 21.15 ug/ml