

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031122AL\
 Data File : FC058687.D
 Signal(s) : FID1A.CH
 Acq On : 11 Mar 2022 10:15
 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 03/14/2022
 Supervised By :Ankita Jodhani 03/14/2022

Integration File: autoint1.e
 Quant Time: Mar 11 21:35:58 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)	11.400	2539094	17.432 ug/ml
Spiked Amount 50.000		Recovery =	34.86%
12) S 1-chlorooctadecane (S...	12.833	1931989	17.044 ug/ml
Spiked Amount 50.000		Recovery =	34.09%
Target Compounds			
1) T n-Nonane (C9)	3.252	2388700	19.864 ug/ml
2) T n-Decane (C10)	4.303	2352209	19.767 ug/ml
3) T A~Naphthalene (C11.7)	5.866	2483232	19.134 ug/ml
4) T n-Dodecane (C12)	6.298	2435381	19.797 ug/ml
5) T A~2-methylnaphthalene...	6.912	2472703	18.967 ug/ml
6) T n-Tetradecane (C14)	8.076	2419011	19.305 ug/ml
7) T n-Hexadecane (C16)	9.663	2422643	18.812 ug/ml
8) T n-Octadecane (C18)	11.093	2381113	18.094 ug/ml
10) T n-Eicosane (C20)	12.394	2298012	17.476 ug/ml
11) T n-Heneicosane (C21)	13.001	2275523	17.218 ug/ml
13) T n-Docosane (C22)	13.584	2243909	17.212 ug/ml
14) T n-Tetracosane (C24)	14.680	2196296	17.008 ug/ml
15) T n-Hexacosane (C26)	15.695	2153999	17.413 ug/ml
16) T n-Octacosane (C28)	16.640	2123064	17.836 ug/ml
17) T n-Tricontane (C30)	17.524	2146254	19.067 ug/ml
18) T n-Dotriacontane (C32)	18.350	2067153	19.224 ug/mlm
19) T n-Tetratriacontane (C34)	19.132	1968148	20.313 ug/ml
20) T n-Hexatriacontane (C36)	19.868	1842221	20.420 ug/ml
21) T n-Octatriacontane (C38)	20.573	1886686	21.680 ug/ml
22) T n-Tetracontane (C40)	21.403	1795178	21.392 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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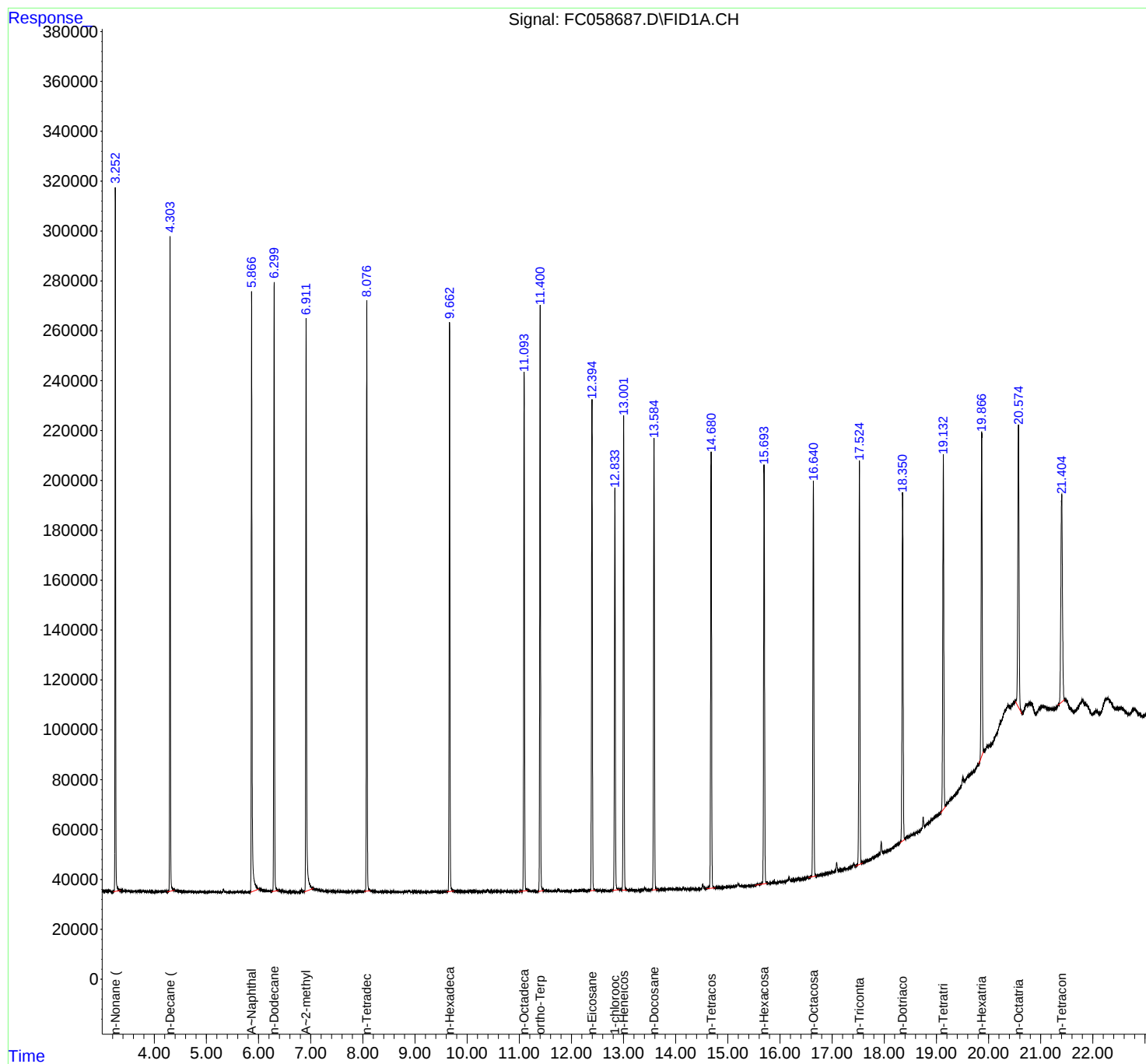
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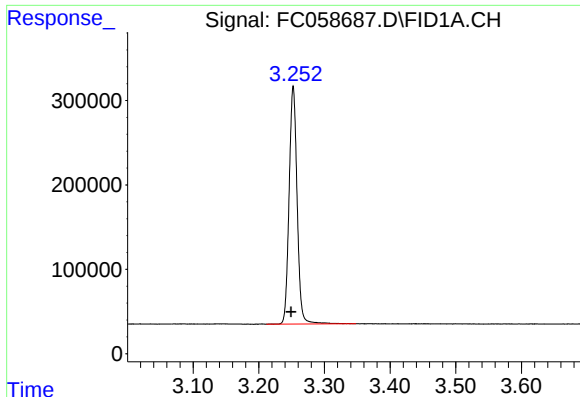
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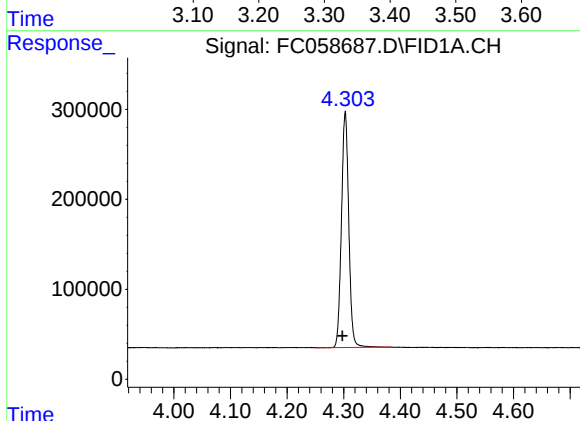
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: 0.003 min
Response: 2388700
Conc: 19.86 ug/ml

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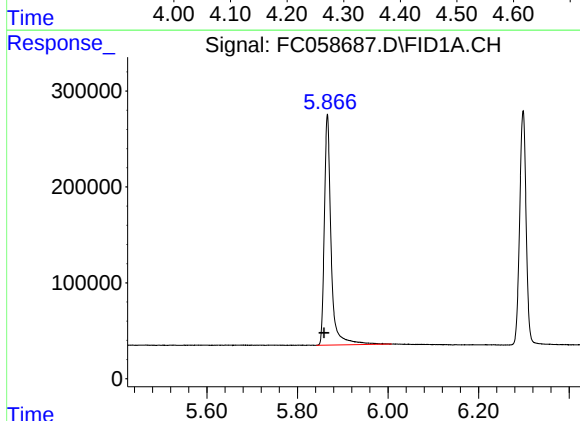
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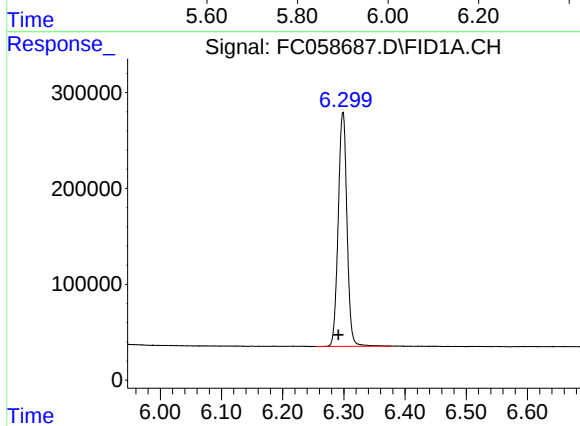
#2 n-Decane (C10)

R.T.: 4.303 min
Delta R.T.: 0.005 min
Response: 2352209
Conc: 19.77 ug/ml



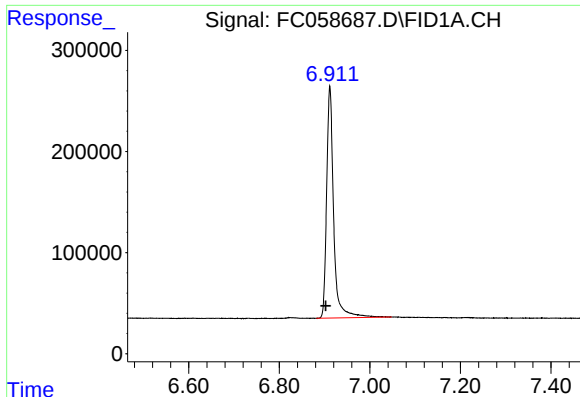
#3 A~Naphthalene (C11.7)

R.T.: 5.866 min
Delta R.T.: 0.007 min
Response: 2483232
Conc: 19.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.298 min
Delta R.T.: 0.007 min
Response: 2435381
Conc: 19.80 ug/ml



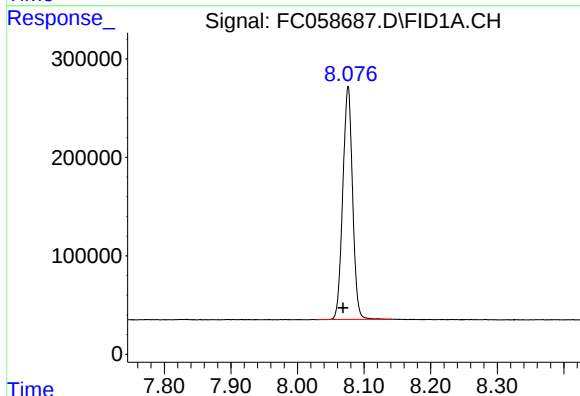
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: 0.009 min
Response: 2472703
Conc: 18.97 ug/ml

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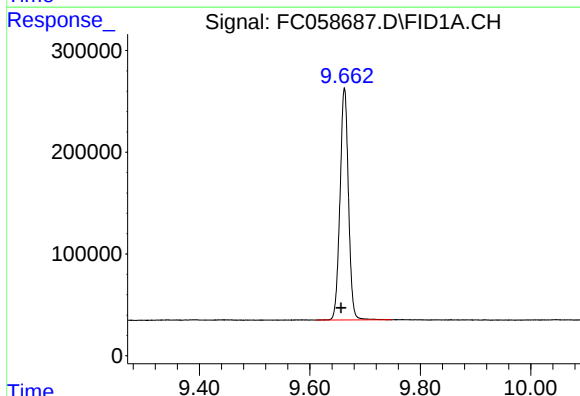
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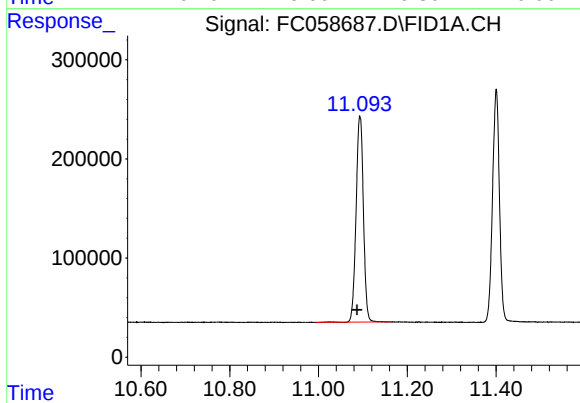
#6 n-Tetradecane (C14)

R.T.: 8.076 min
Delta R.T.: 0.007 min
Response: 2419011
Conc: 19.30 ug/ml



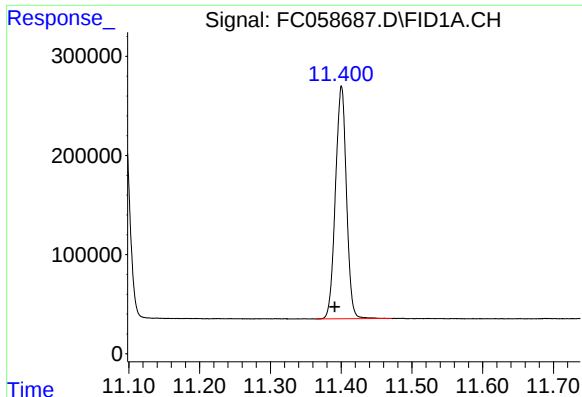
#7 n-Hexadecane (C16)

R.T.: 9.663 min
Delta R.T.: 0.006 min
Response: 2422643
Conc: 18.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.093 min
Delta R.T.: 0.007 min
Response: 2381113
Conc: 18.09 ug/ml



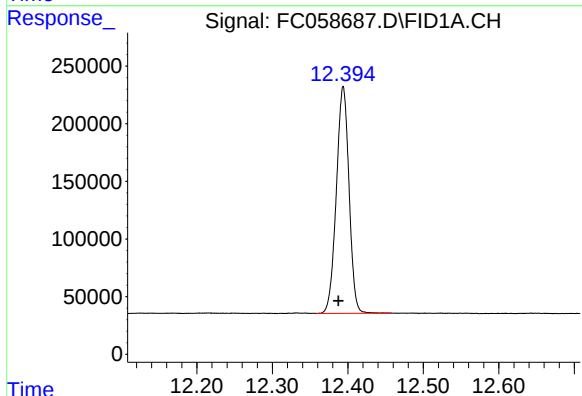
#9 ortho-Terphenyl (SURR)

R.T.: 11.400 min
Delta R.T.: 0.009 min
Response: 2539094
Conc: 17.43 ug/ml

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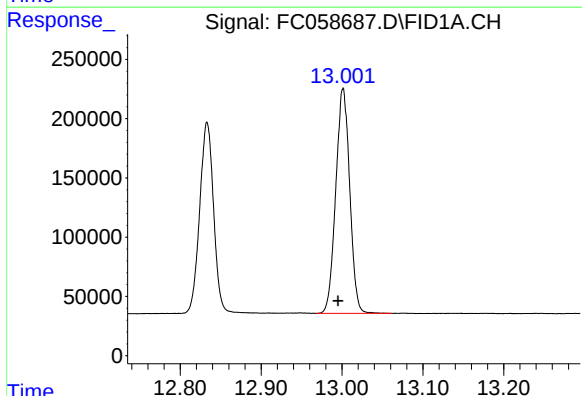
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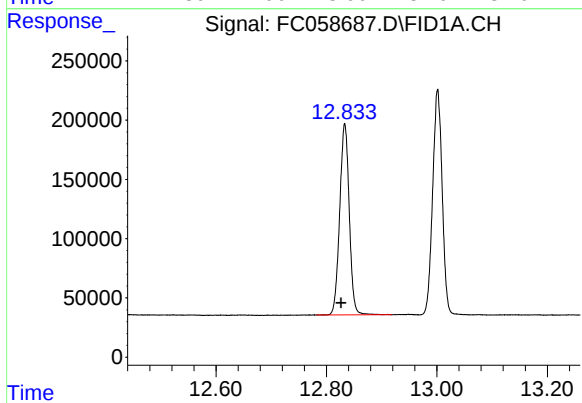
#10 n-Eicosane (C20)

R.T.: 12.394 min
Delta R.T.: 0.006 min
Response: 2298012
Conc: 17.48 ug/ml



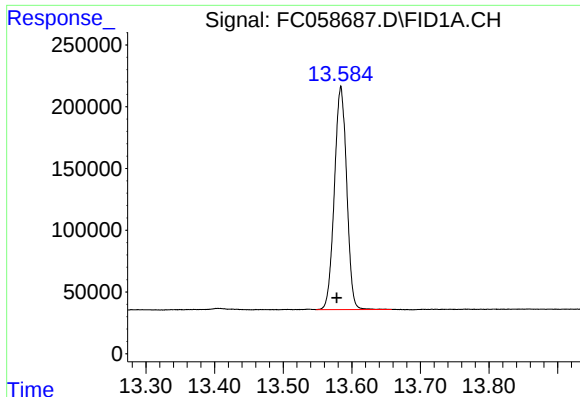
#11 n-Heneicosane (C21)

R.T.: 13.001 min
Delta R.T.: 0.006 min
Response: 2275523
Conc: 17.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.833 min
Delta R.T.: 0.006 min
Response: 1931989
Conc: 17.04 ug/ml



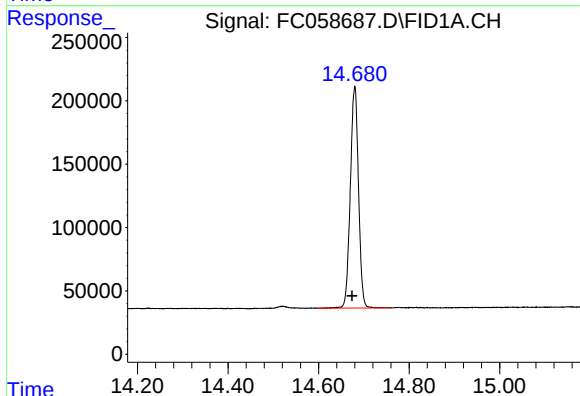
#13 n-Docosane (C22)

R.T.: 13.584 min
Delta R.T.: 0.006 min
Response: 2243909
Conc: 17.21 ug/ml

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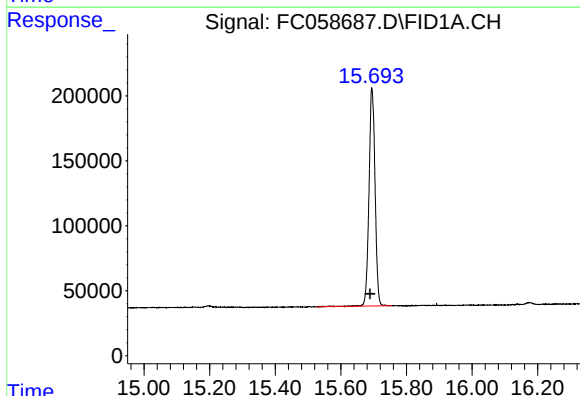
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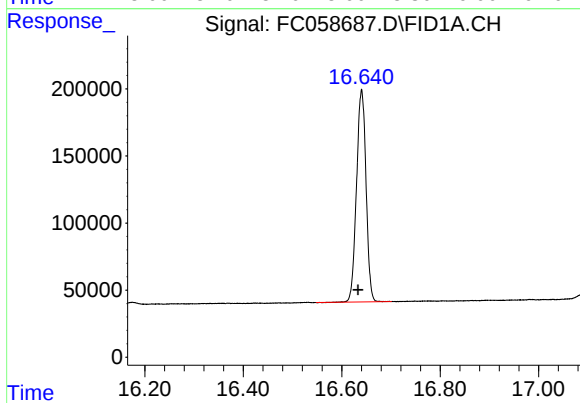
#14 n-Tetracosane (C24)

R.T.: 14.680 min
Delta R.T.: 0.006 min
Response: 2196296
Conc: 17.01 ug/ml



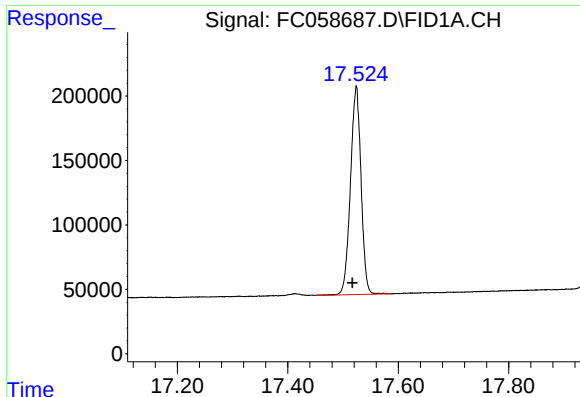
#15 n-Hexacosane (C26)

R.T.: 15.695 min
Delta R.T.: 0.006 min
Response: 2153999
Conc: 17.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.640 min
Delta R.T.: 0.007 min
Response: 2123064
Conc: 17.84 ug/ml



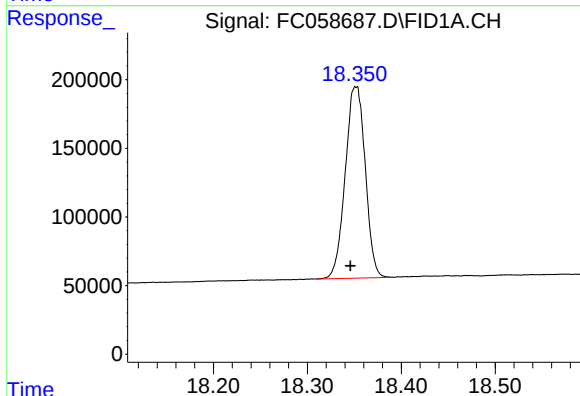
#17 n-Tricontane (C30)

R.T.: 17.524 min
Delta R.T.: 0.007 min
Response: 2146254
Conc: 19.07 ug/ml

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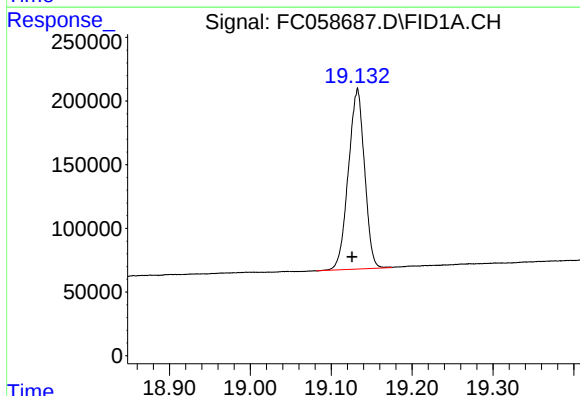
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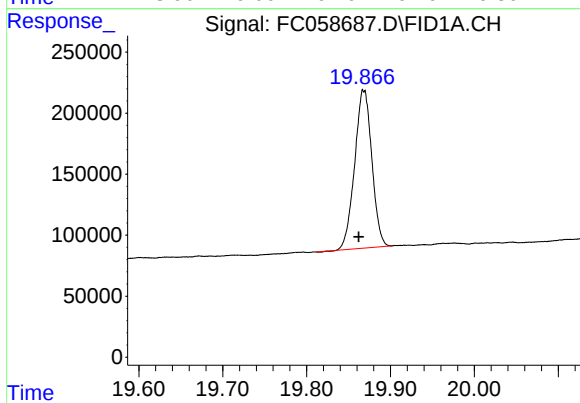
#18 n-Dotriacontane (C32)

R.T.: 18.350 min
Delta R.T.: 0.005 min
Response: 2067153
Conc: 19.22 ug/ml m



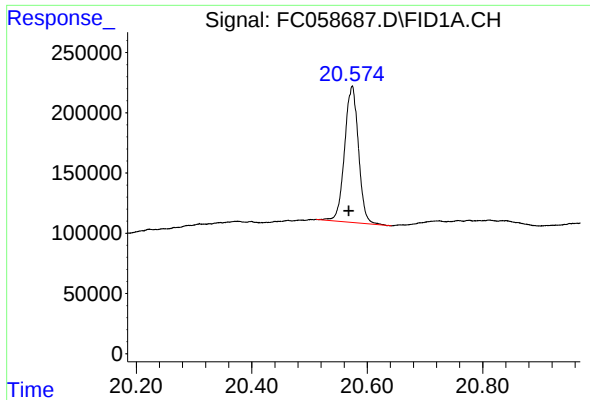
#19 n-Tetratriacontane (C34)

R.T.: 19.132 min
Delta R.T.: 0.006 min
Response: 1968148
Conc: 20.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.868 min
Delta R.T.: 0.006 min
Response: 1842221
Conc: 20.42 ug/ml



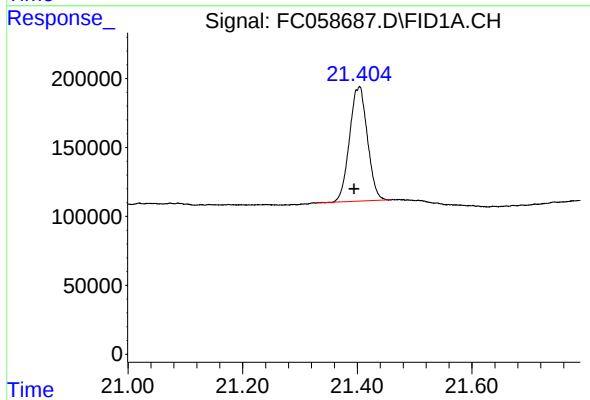
#21 n-Octatriacontane (C38)

R.T.: 20.573 min
Delta R.T.: 0.006 min
Response: 1886686
Conc: 21.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.403 min
Delta R.T.: 0.008 min
Response: 1795178
Conc: 21.39 ug/ml