

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031022AL\
 Data File : FC058663.D
 Signal(s) : FID1A.CH
 Acq On : 10 Mar 2022 10:26
 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 03/11/2022
 Supervised By :Ankita Jodhani 03/11/2022

Integration File: sample.E
 Quant Time: Mar 11 01:21:34 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)	11.392	2611166	17.927 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
12) S 1-chlorooctadecane (S...	12.824	2004784	17.687 ug/ml
Spiked Amount 50.000		Recovery =	35.37%
Target Compounds			
1) T n-Nonane (C9)	3.248	2378522	19.779 ug/ml
2) T n-Decane (C10)	4.297	2369362	19.911 ug/ml
3) T A~Naphthalene (C11.7)	5.858	2498964	19.255 ug/ml
4) T n-Dodecane (C12)	6.291	2448957	19.907 ug/ml
5) T A~2-methylnaphthalene...	6.903	2457511	18.850 ug/ml
6) T n-Tetradecane (C14)	8.069	2453471	19.580 ug/ml
7) T n-Hexadecane (C16)	9.655	2458794	19.093 ug/ml
8) T n-Octadecane (C18)	11.085	2451323	18.628 ug/ml
10) T n-Eicosane (C20)	12.384	2382999	18.122 ug/ml
11) T n-Heneicosane (C21)	12.992	2358374	17.845 ug/ml
13) T n-Docosane (C22)	13.574	2313812	17.748 ug/ml
14) T n-Tetracosane (C24)	14.670	2247015	17.401 ug/ml
15) T n-Hexacosane (C26)	15.684	2152434	17.400 ug/ml
16) T n-Octacosane (C28)	16.629	2112573	17.748 ug/ml
17) T n-Tricontane (C30)	17.511	2077706	18.458 ug/ml
18) T n-Dotriacontane (C32)	18.338	1991703	18.522 ug/mlm
19) T n-Tetratriacontane (C34)	19.119	1905390	19.665 ug/ml
20) T n-Hexatriacontane (C36)	19.855	1815581	20.125 ug/ml
21) T n-Octatriacontane (C38)	20.559	1794667	20.623 ug/ml
22) T n-Tetracontane (C40)	21.381	1784528	21.265 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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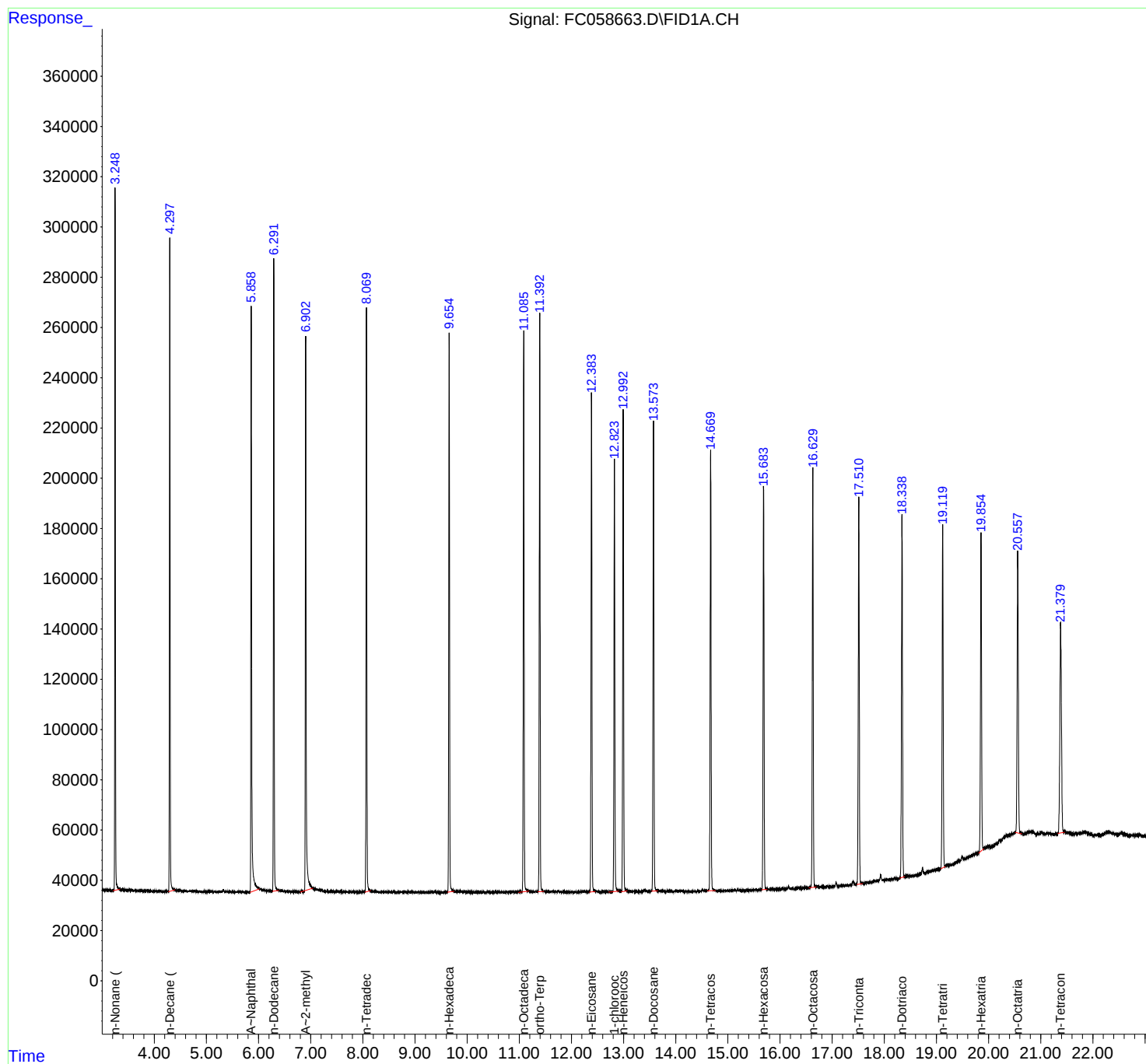
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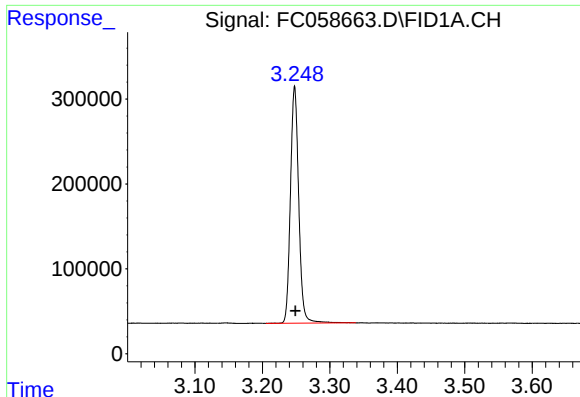
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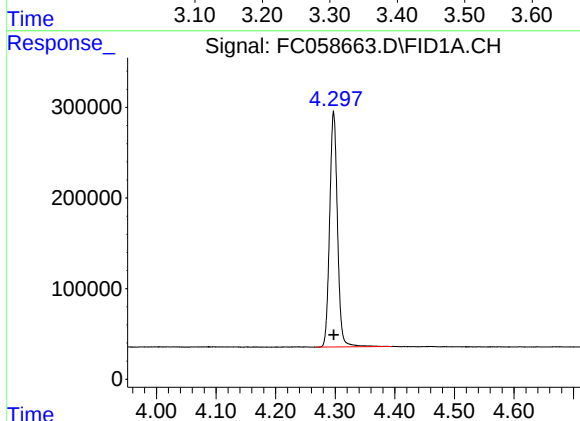
#1 n-Nonane (C9)

R.T.: 3.248 min
Delta R.T.: -0.001 min
Response: 2378522
Conc: 19.78 ug/ml

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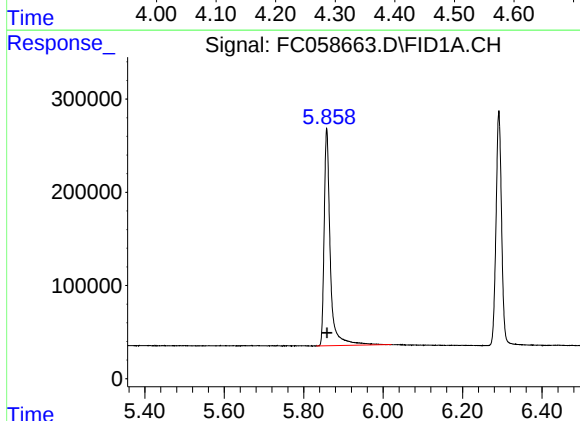
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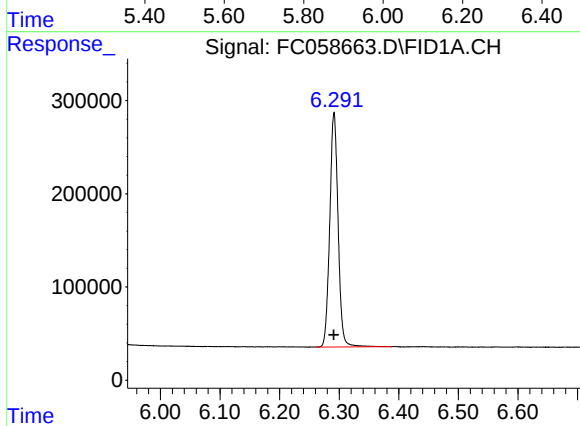
#2 n-Decane (C10)

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 2369362
Conc: 19.91 ug/ml



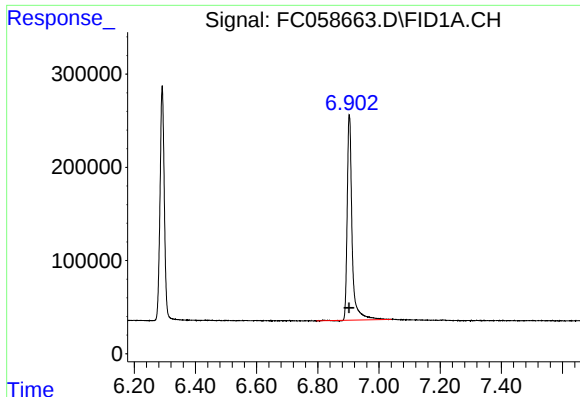
#3 A~Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 2498964
Conc: 19.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.291 min
Delta R.T.: 0.000 min
Response: 2448957
Conc: 19.91 ug/ml



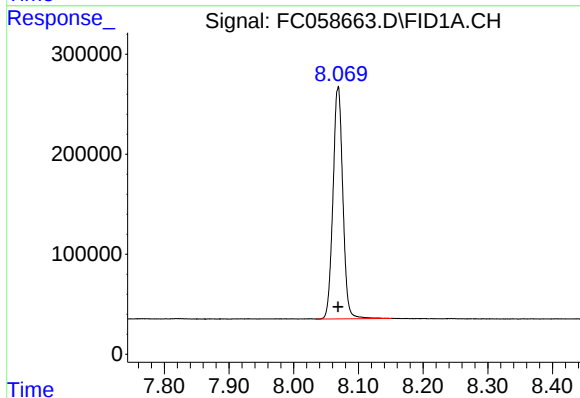
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 2457511
Conc: 18.85 ug/ml

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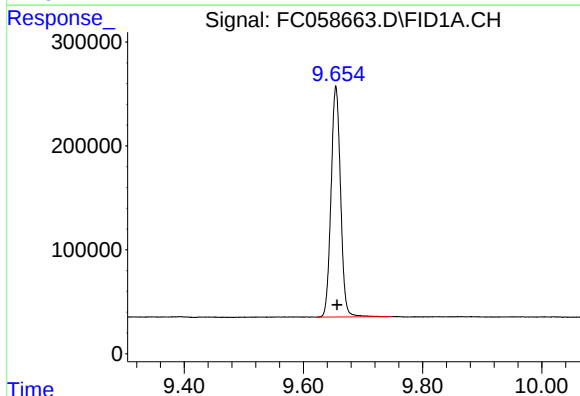
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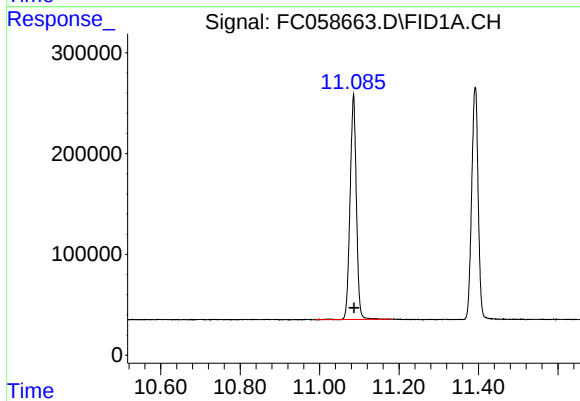
#6 n-Tetradecane (C14)

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 2453471
Conc: 19.58 ug/ml



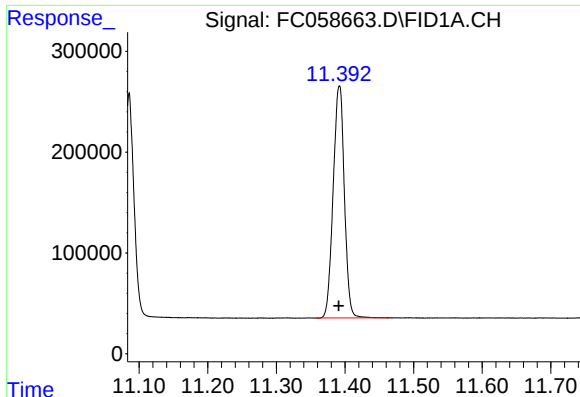
#7 n-Hexadecane (C16)

R.T.: 9.655 min
Delta R.T.: -0.002 min
Response: 2458794
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.085 min
Delta R.T.: -0.001 min
Response: 2451323
Conc: 18.63 ug/ml



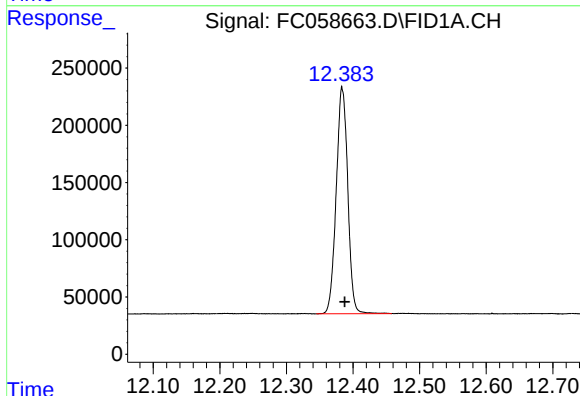
#9 ortho-Terphenyl (SURR)

R.T.: 11.392 min
Delta R.T.: 0.000 min
Response: 2611166
Conc: 17.93 ug/ml

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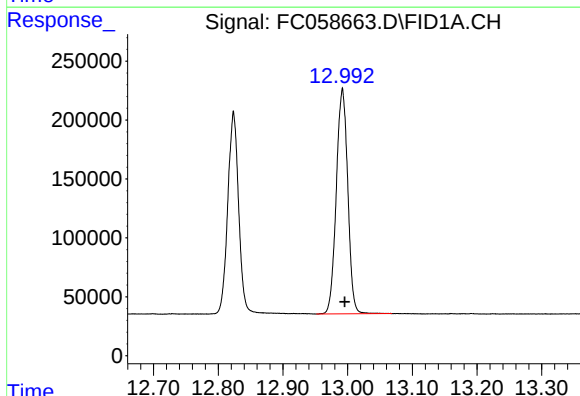
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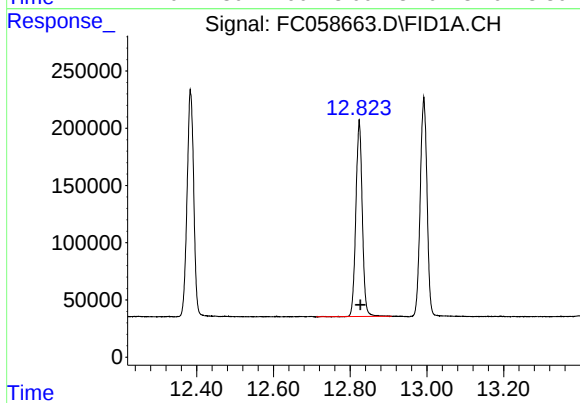
#10 n-Eicosane (C20)

R.T.: 12.384 min
Delta R.T.: -0.003 min
Response: 2382999
Conc: 18.12 ug/ml



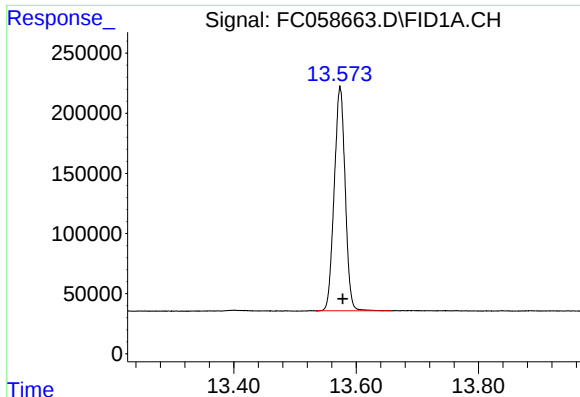
#11 n-Heneicosane (C21)

R.T.: 12.992 min
Delta R.T.: -0.004 min
Response: 2358374
Conc: 17.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.824 min
Delta R.T.: -0.003 min
Response: 2004784
Conc: 17.69 ug/ml



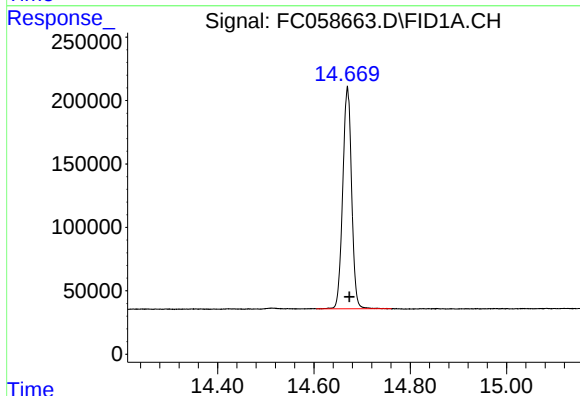
#13 n-Docosane (C22)

R.T.: 13.574 min
Delta R.T.: -0.004 min
Response: 2313812
Conc: 17.75 ug/ml

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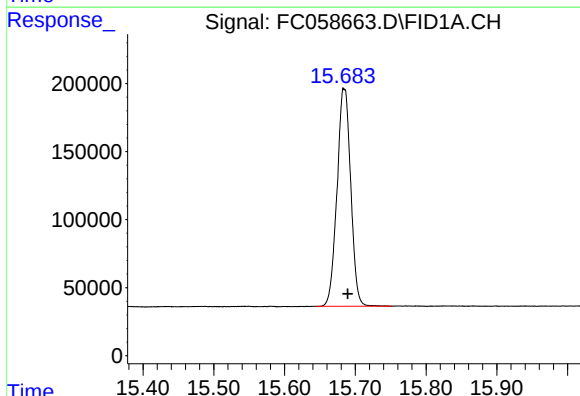
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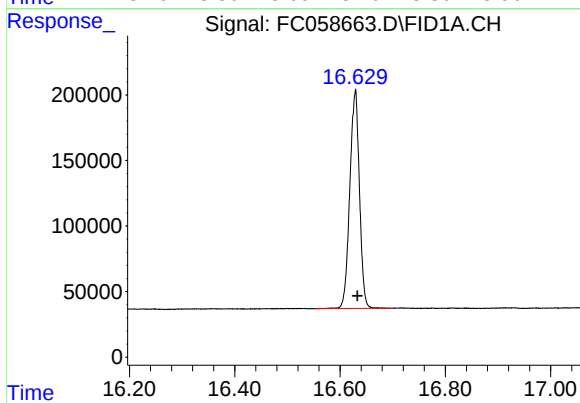
#14 n-Tetracosane (C24)

R.T.: 14.670 min
Delta R.T.: -0.004 min
Response: 2247015
Conc: 17.40 ug/ml



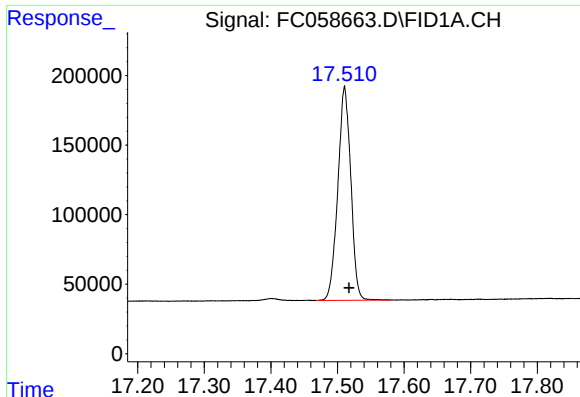
#15 n-Hexacosane (C26)

R.T.: 15.684 min
Delta R.T.: -0.005 min
Response: 2152434
Conc: 17.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.629 min
Delta R.T.: -0.005 min
Response: 2112573
Conc: 17.75 ug/ml



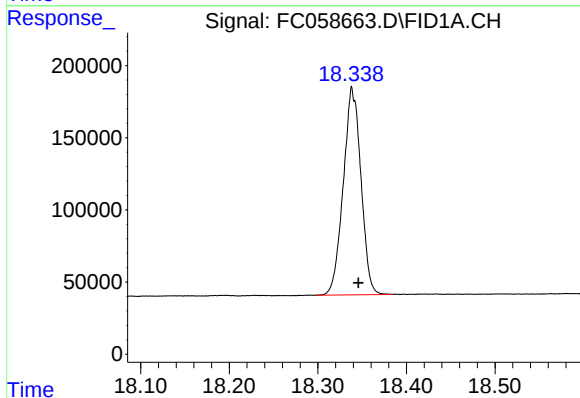
#17 n-Tricontane (C30)

R.T.: 17.511 min
Delta R.T.: -0.006 min
Response: 2077706
Conc: 18.46 ug/ml

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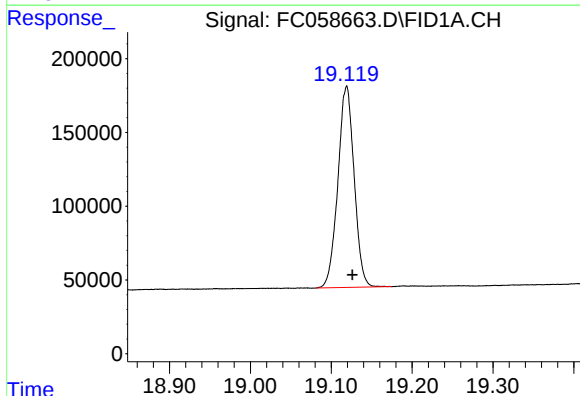
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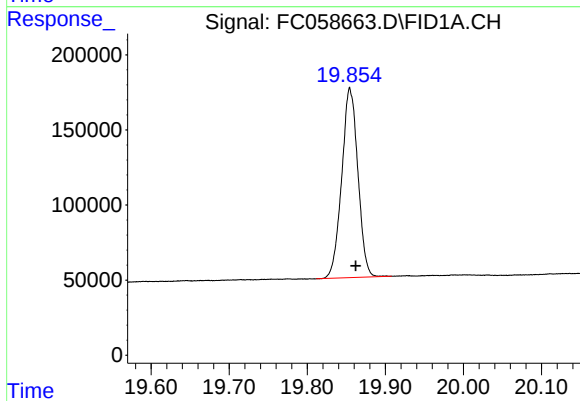
#18 n-Dotriacontane (C32)

R.T.: 18.338 min
Delta R.T.: -0.008 min
Response: 1991703
Conc: 18.52 ug/ml m



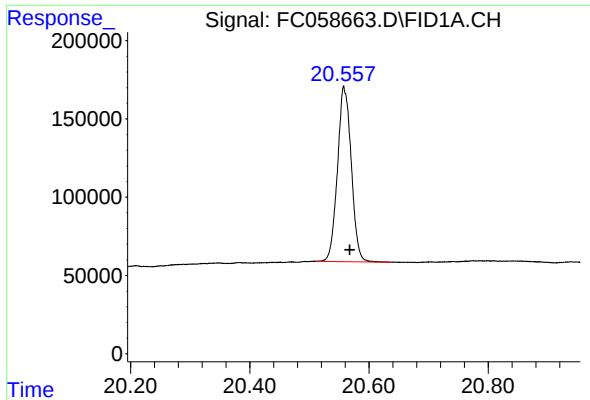
#19 n-Tetratriacontane (C34)

R.T.: 19.119 min
Delta R.T.: -0.007 min
Response: 1905390
Conc: 19.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.855 min
Delta R.T.: -0.007 min
Response: 1815581
Conc: 20.12 ug/ml



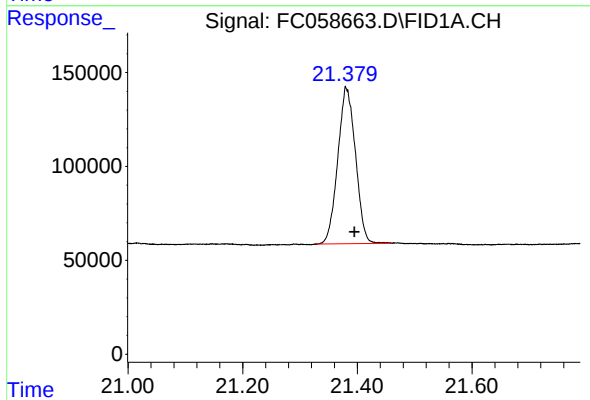
#21 n-Octatriacontane (C38)

R.T.: 20.559 min
Delta R.T.: -0.009 min
Response: 1794667
Conc: 20.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.381 min
Delta R.T.: -0.014 min
Response: 1784528
Conc: 21.27 ug/ml