

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121120AL\
 Data File : FC051273.D
 Signal(s) : FID1A.CH
 Acq On : 12 Dec 2020 7:47
 Operator : DD\AJ
 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

Ankita
 12/14/2020 3:16:58 PM

Integration File: autoint1.e
 Quant Time: Dec 14 00:06:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 2020
 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)	11.578	2318723	18.845 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
12) S 1-chlorooctadecane (S...	13.013	1806457	18.518 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
Target Compounds			
1) T n-Nonane (C9)	3.337	2278492	21.410 ug/ml
2) T n-Decane (C10)	4.405	2297494	21.632 ug/ml
3) T A~Naphthalene (C11.7)	5.996	2402491	21.370 ug/ml
4) T n-Dodecane (C12)	6.423	2342296	21.527 ug/ml
5) T A~2-methylnaphthalene...	7.053	2360555	20.887 ug/ml
6) T n-Tetradecane (C14)	8.218	2303137	21.286 ug/ml
7) T n-Hexadecane (C16)	9.818	2224640	20.730 ug/ml
8) T n-Octadecane (C18)	11.259	2262022	19.832 ug/ml
10) T n-Eicosane (C20)	12.568	2206530	18.994 ug/ml
11) T n-Heneicosane (C21)	13.179	2145737	18.520 ug/ml
13) T n-Docosane (C22)	13.765	2141544	18.490 ug/ml
14) T n-Tetracosane (C24)	14.867	2076026	18.051 ug/ml
15) T n-Hexacosane (C26)	15.886	2041655	18.133 ug/ml
16) T n-Octacosane (C28)	16.834	2057444	18.581 ug/ml
17) T n-Tricontane (C30)	17.720	2079433	19.576 ug/ml
18) T n-Dotriacontane (C32)	18.552	2027310	20.748 ug/mlm
19) T n-Tetratriacontane (C34)	19.334	1882174	21.089 ug/mlm
20) T n-Hexatriacontane (C36)	20.072	1828965	21.929 ug/mlm
21) T n-Octatriacontane (C38)	20.807	1862557	23.917 ug/ml
22) T n-Tetracontane (C40)	21.718	1693106	20.448 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 20 PPM ALIPHATIC HC STD
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ALS Vial : 2 Sample Multiplier: 1

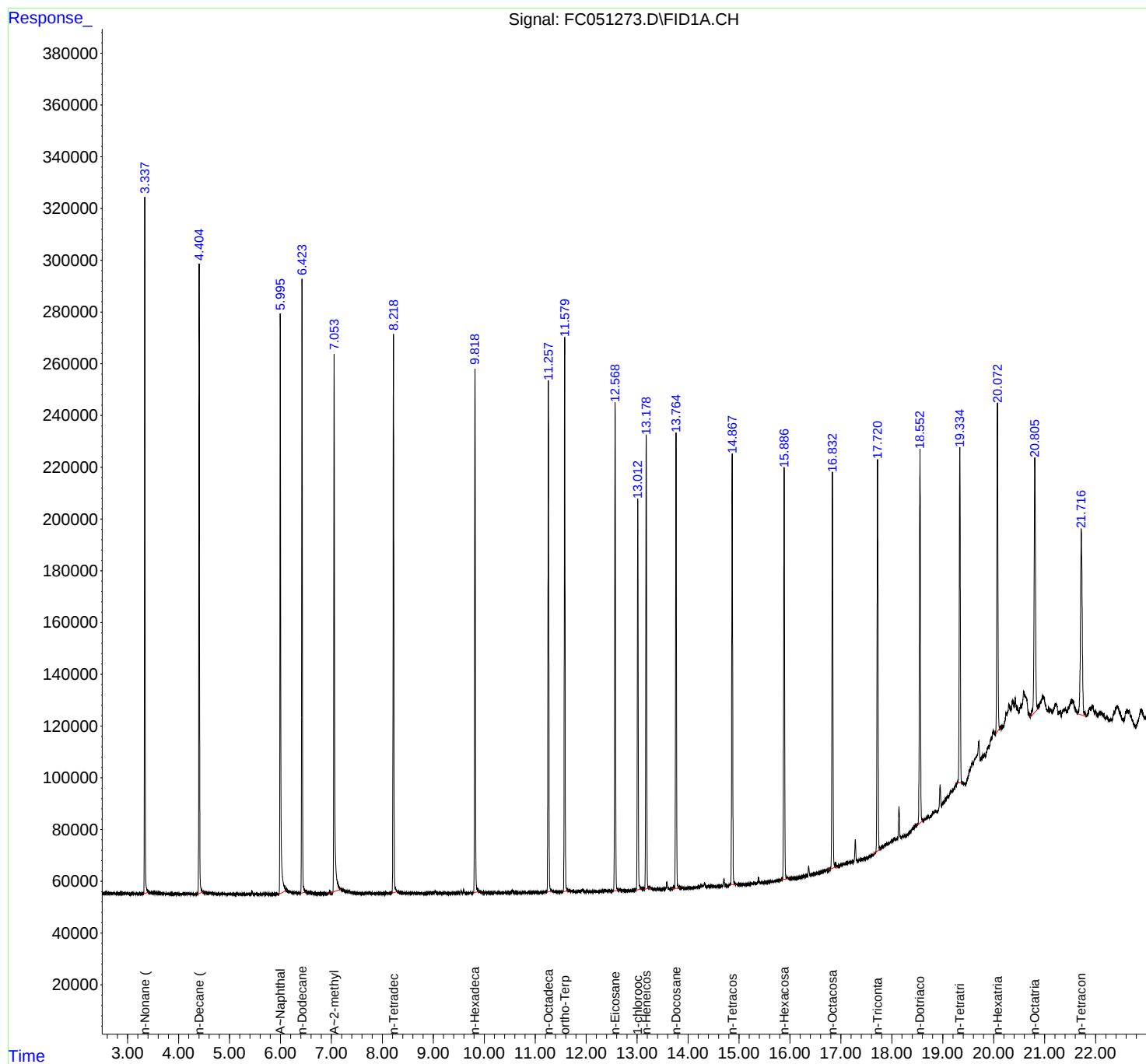
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

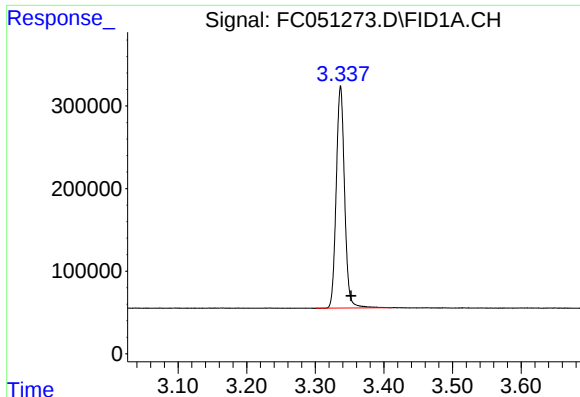
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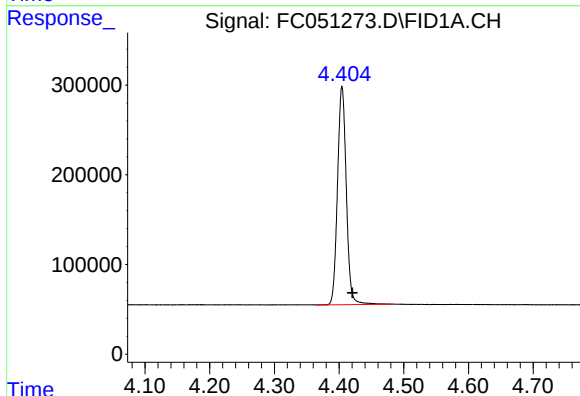
#1 n-Nonane (C9)

R.T.: 3.337 min
Delta R.T.: -0.015 min
Response: 2278492
Conc: 21.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

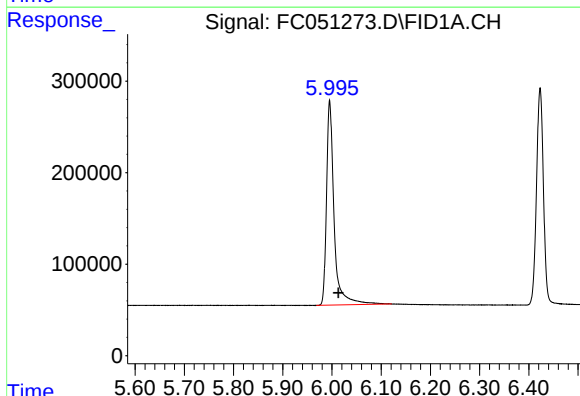
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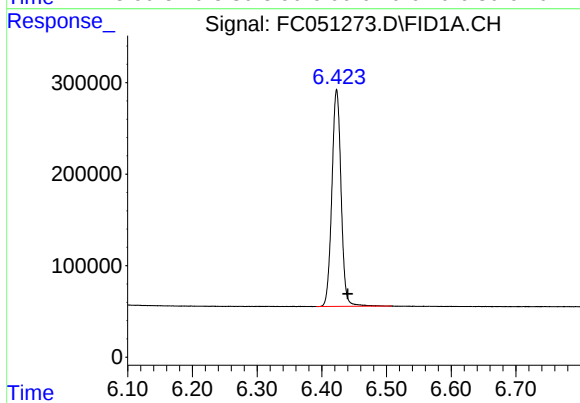
#2 n-Decane (C10)

R.T.: 4.405 min
Delta R.T.: -0.016 min
Response: 2297494
Conc: 21.63 ug/ml



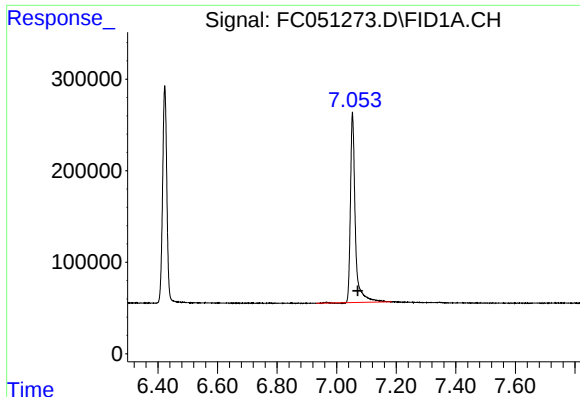
#3 A~Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: -0.018 min
Response: 2402491
Conc: 21.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.423 min
Delta R.T.: -0.017 min
Response: 2342296
Conc: 21.53 ug/ml



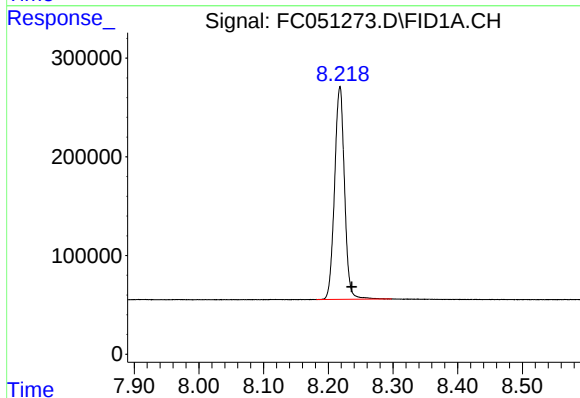
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.018 min
Response: 2360555
Conc: 20.89 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

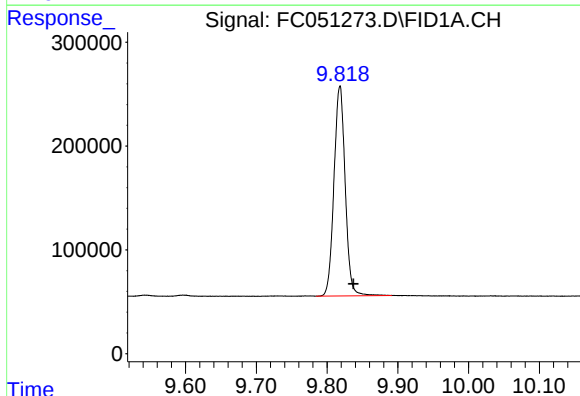
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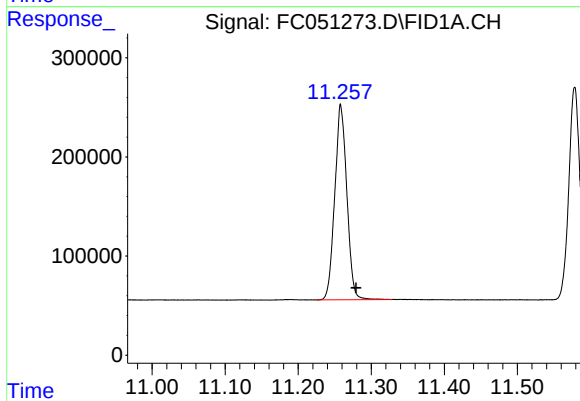
#6 n-Tetradecane (C14)

R.T.: 8.218 min
Delta R.T.: -0.018 min
Response: 2303137
Conc: 21.29 ug/ml



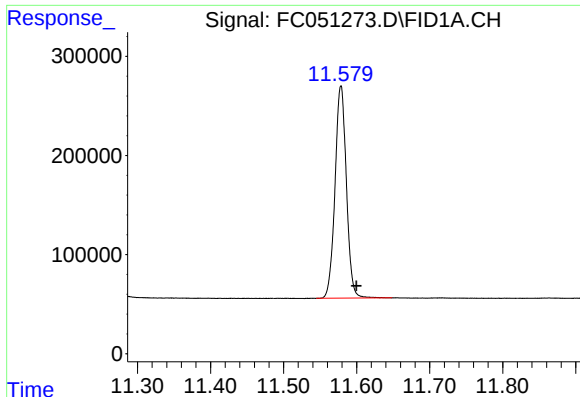
#7 n-Hexadecane (C16)

R.T.: 9.818 min
Delta R.T.: -0.019 min
Response: 2224640
Conc: 20.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.259 min
Delta R.T.: -0.021 min
Response: 2262022
Conc: 19.83 ug/ml



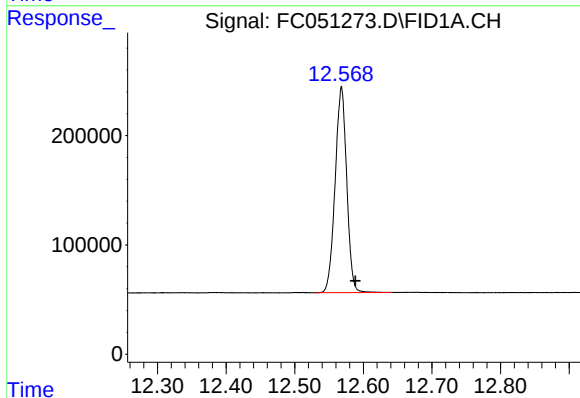
#9 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: -0.021 min
Response: 2318723
Conc: 18.84 ug/ml

Instrument :
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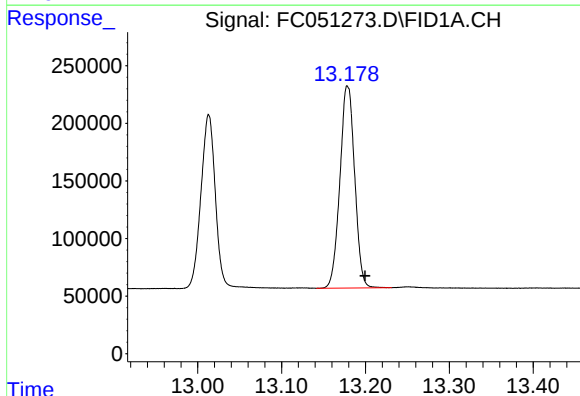
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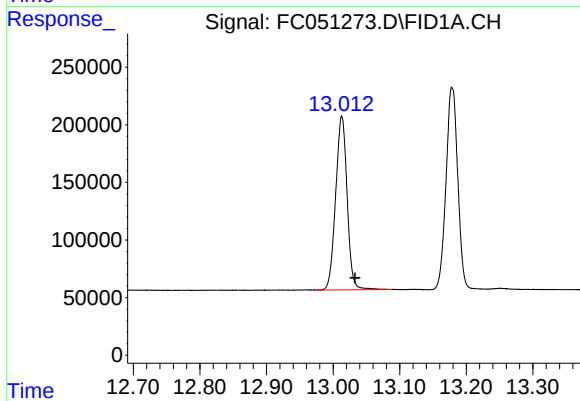
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: -0.020 min
Response: 2206530
Conc: 18.99 ug/ml



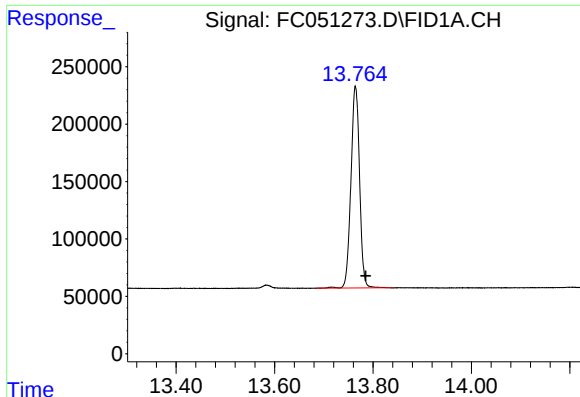
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: -0.021 min
Response: 2145737
Conc: 18.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: -0.020 min
Response: 1806457
Conc: 18.52 ug/ml



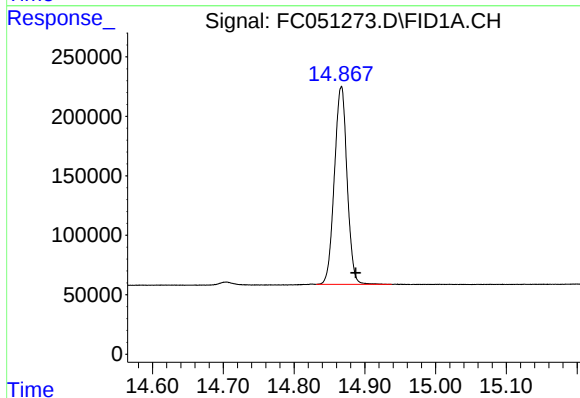
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: -0.021 min
Response: 2141544
Conc: 18.49 ug/ml

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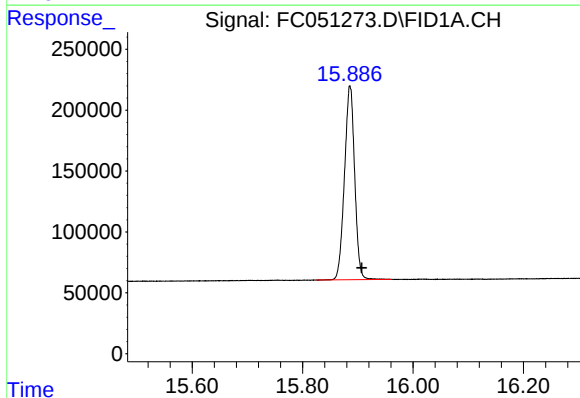
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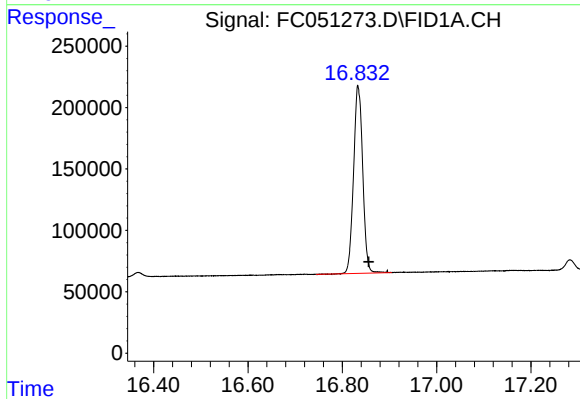
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: -0.021 min
Response: 2076026
Conc: 18.05 ug/ml



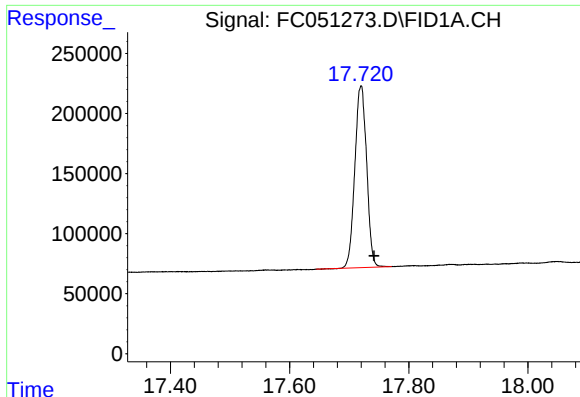
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: -0.021 min
Response: 2041655
Conc: 18.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.834 min
Delta R.T.: -0.022 min
Response: 2057444
Conc: 18.58 ug/ml



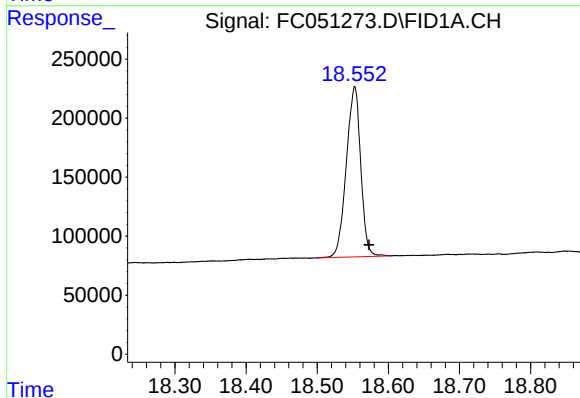
#17 n-Tricontane (C30)

R.T.: 17.720 min
Delta R.T.: -0.022 min
Response: 2079433
Conc: 19.58 ug/ml

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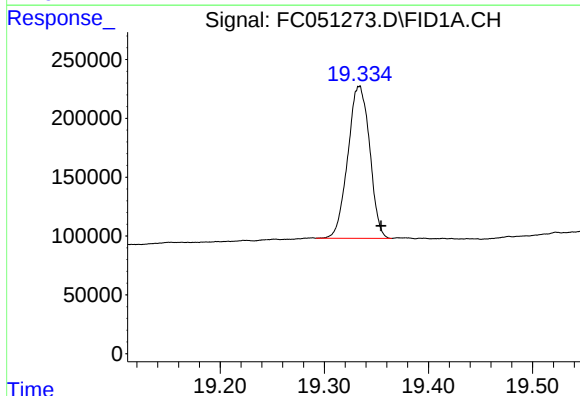
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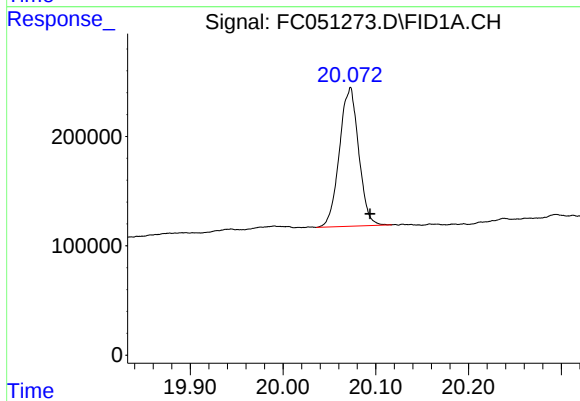
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.020 min
Response: 2027310
Conc: 20.75 ug/ml m



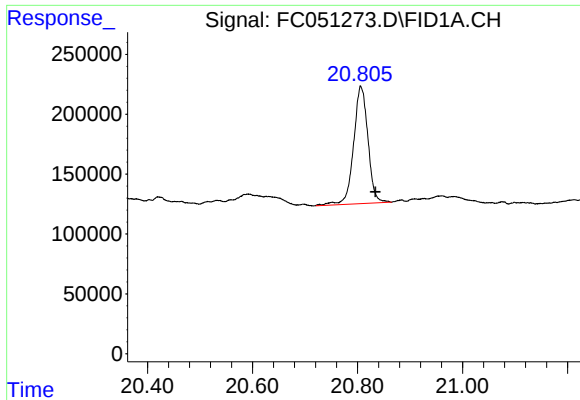
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: -0.020 min
Response: 1882174
Conc: 21.09 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: -0.022 min
Response: 1828965
Conc: 21.93 ug/ml m



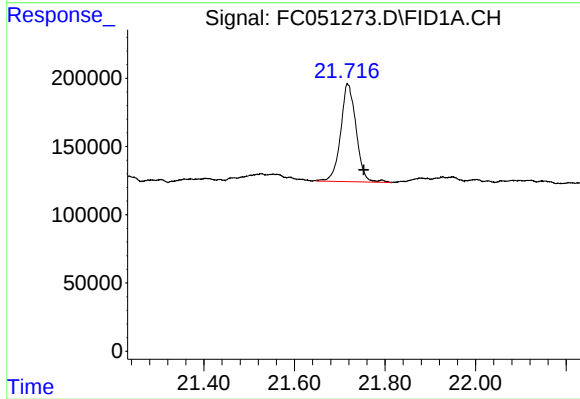
#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: -0.027 min
Response: 1862557
Conc: 23.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.718 min
Delta R.T.: -0.035 min
Response: 1693106
Conc: 20.45 ug/ml