

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010421AL\
 Data File : FC051554.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jan 2021 1:36
 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
 1/5/2021 11:11:47 AM

Integration File: autoint1.e
 Quant Time: Jan 05 02:35:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 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)	11.560	2245986	19.379 ug/ml
Spiked Amount 50.000		Recovery =	38.76%
12) S 1-chlorooctadecane (S...	12.994	1734682	19.229 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.323	2129435	21.584 ug/ml
2) T n-Decane (C10)	4.390	2146110	21.704 ug/ml
3) T A~Naphthalene (C11.7)	5.981	2218028	21.208 ug/ml
4) T n-Dodecane (C12)	6.407	2192116	21.443 ug/ml
5) T A~2-methylnaphthalene...	7.038	2212126	21.059 ug/ml
6) T n-Tetradecane (C14)	8.202	2145555	21.151 ug/ml
7) T n-Hexadecane (C16)	9.801	2069084	20.544 ug/ml
8) T n-Octadecane (C18)	11.242	2139347	20.059 ug/ml
10) T n-Eicosane (C20)	12.550	2105987	19.556 ug/ml
11) T n-Heneicosane (C21)	13.161	2071401	19.311 ug/ml
13) T n-Docosane (C22)	13.746	2037968	19.083 ug/ml
14) T n-Tetracosane (C24)	14.848	1979691	18.704 ug/ml
15) T n-Hexacosane (C26)	15.867	1930700	18.640 ug/ml
16) T n-Octacosane (C28)	16.815	1920479	18.863 ug/ml
17) T n-Tricontane (C30)	17.701	1899917	19.292 ug/ml
18) T n-Dotriacontane (C32)	18.531	1809414	19.972 ug/ml
19) T n-Tetratriacontane (C34)	19.314	1745093	20.531 ug/ml
20) T n-Hexatriacontane (C36)	20.051	1682909	19.847 ug/mlm
21) T n-Octatriacontane (C38)	20.782	1645911	21.498 ug/mlm
22) T n-Tetracontane (C40)	21.688	1670952	21.130 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 05 Jan 2021 1:36
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

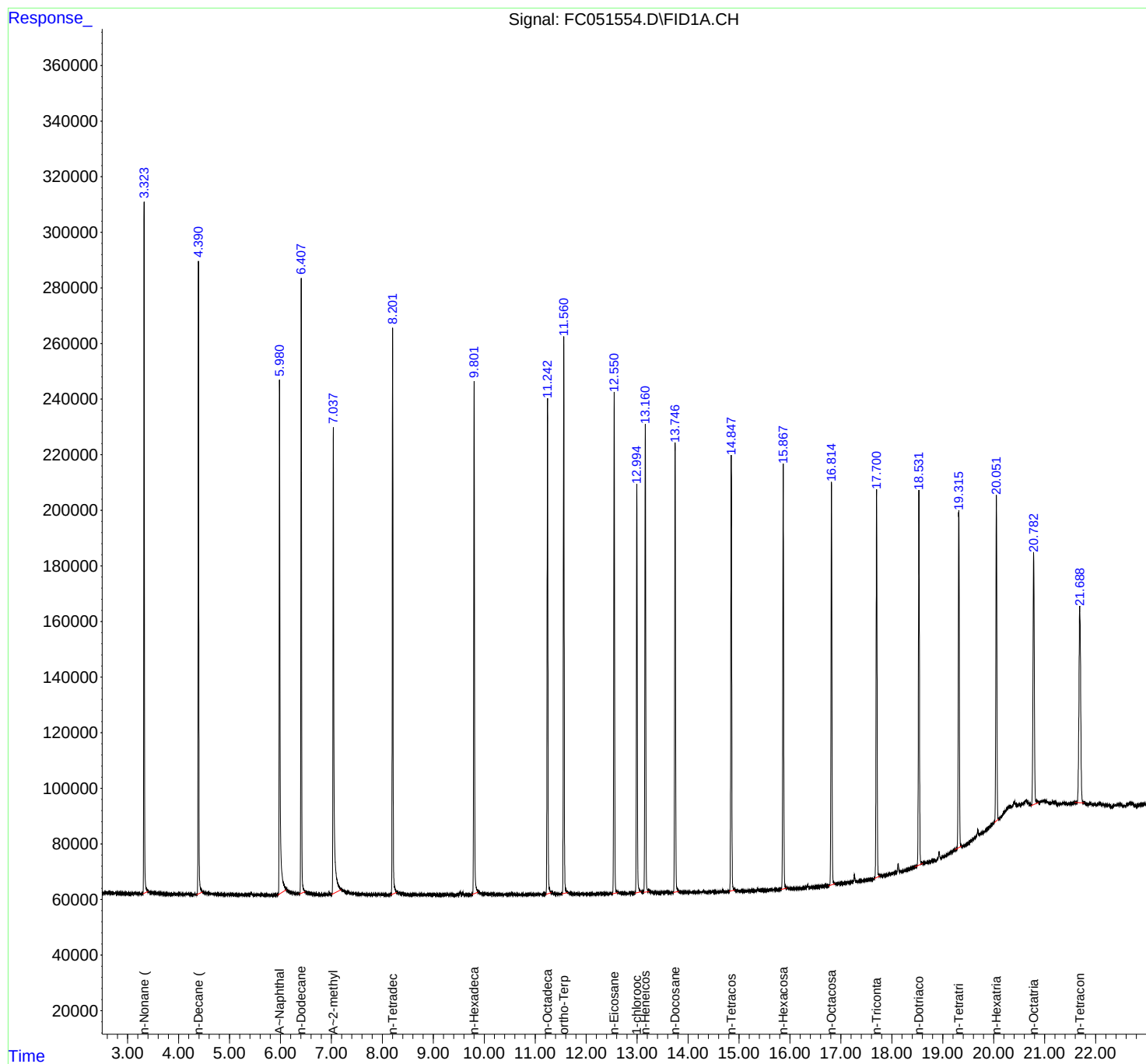
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

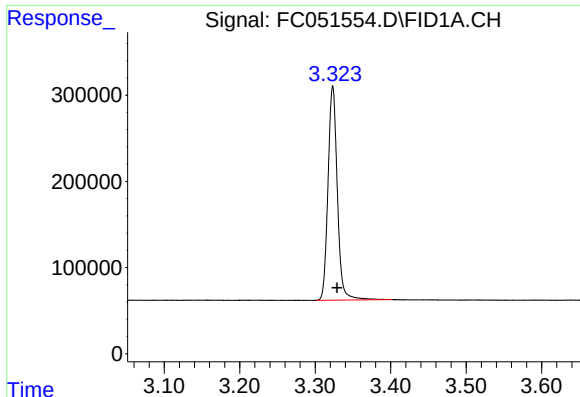
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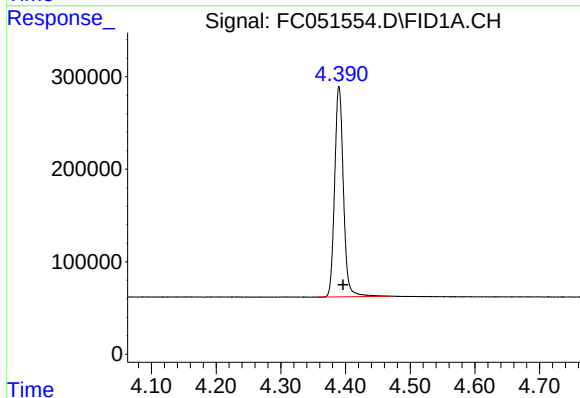
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.006 min
Response: 2129435
Conc: 21.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

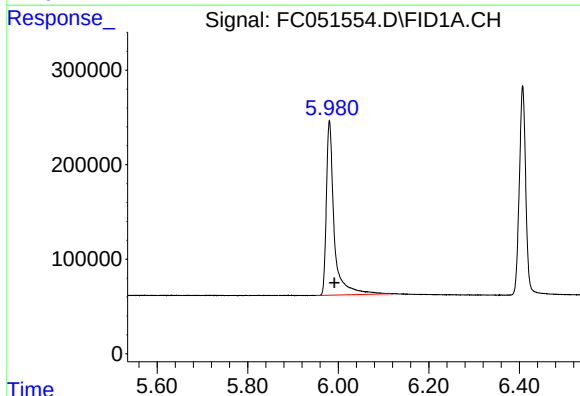
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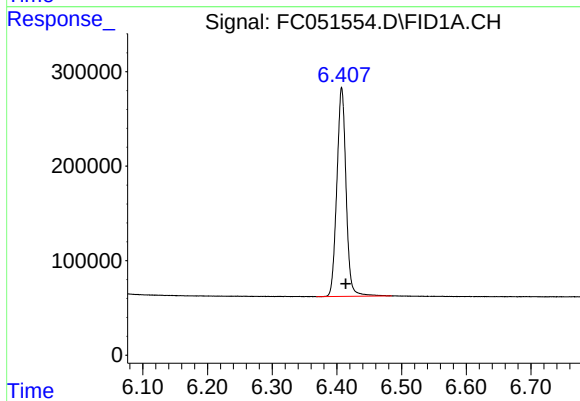
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: -0.006 min
Response: 2146110
Conc: 21.70 ug/ml



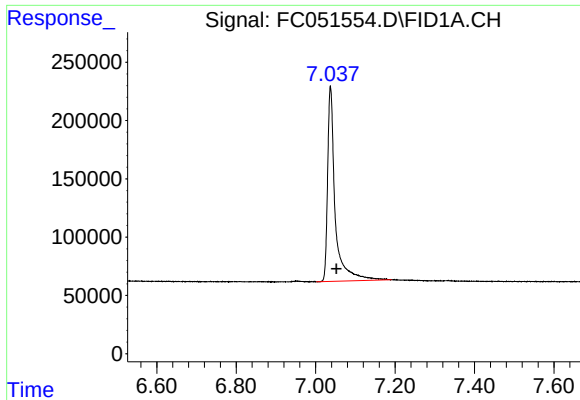
#3 A~Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: -0.011 min
Response: 2218028
Conc: 21.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.407 min
Delta R.T.: -0.006 min
Response: 2192116
Conc: 21.44 ug/ml



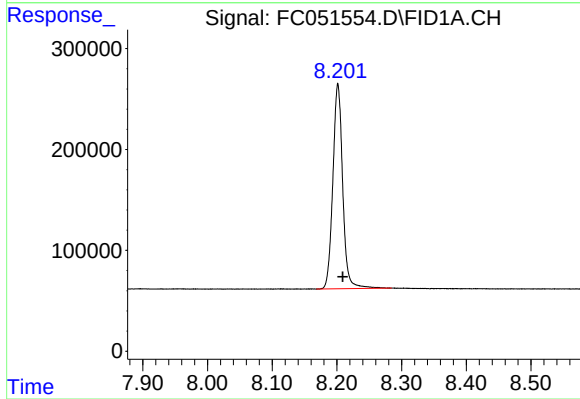
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: -0.014 min
Response: 2212126
Conc: 21.06 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

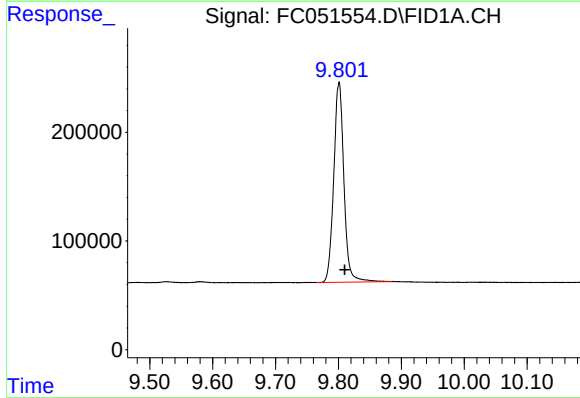
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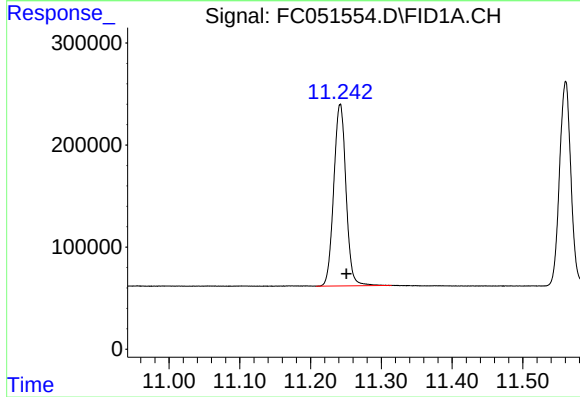
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 2145555
Conc: 21.15 ug/ml



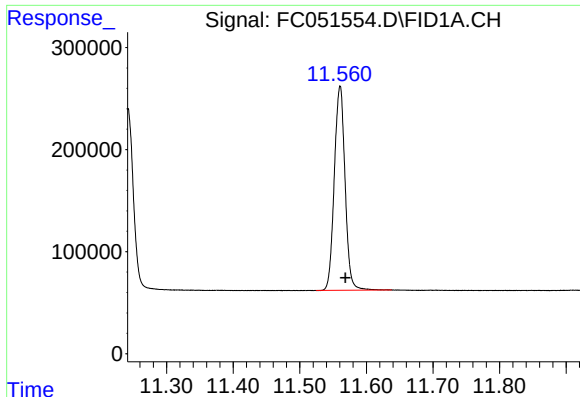
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.009 min
Response: 2069084
Conc: 20.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.242 min
Delta R.T.: -0.009 min
Response: 2139347
Conc: 20.06 ug/ml



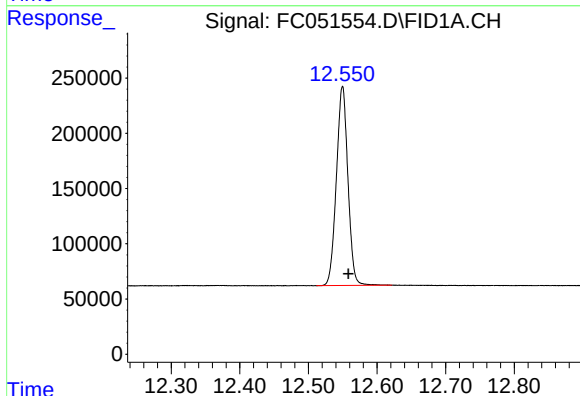
#9 ortho-Terphenyl (SURR)

R.T.: 11.560 min
Delta R.T.: -0.008 min
Response: 2245986
Conc: 19.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

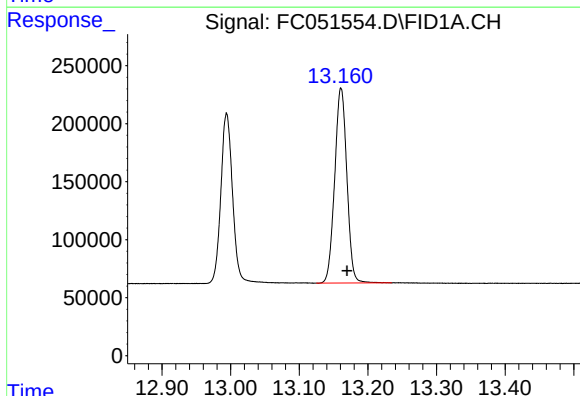
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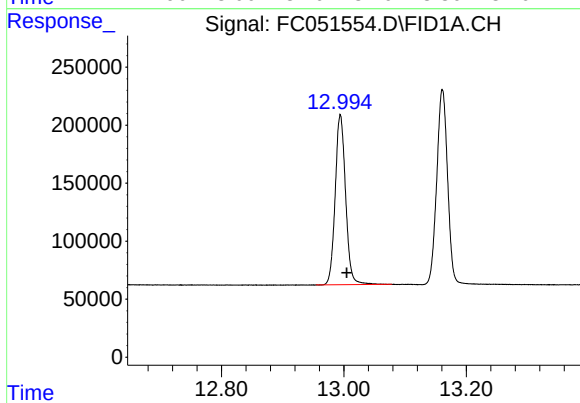
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: -0.009 min
Response: 2105987
Conc: 19.56 ug/ml



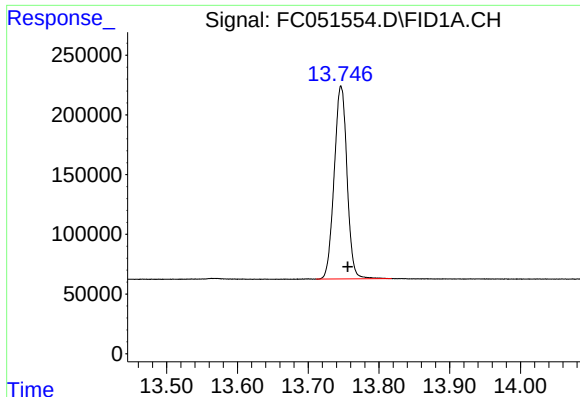
#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: -0.009 min
Response: 2071401
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.994 min
Delta R.T.: -0.010 min
Response: 1734682
Conc: 19.23 ug/ml



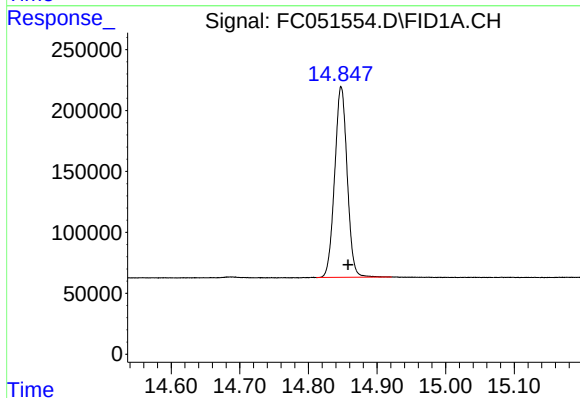
#13 n-Docosane (C22)

R.T.: 13.746 min
Delta R.T.: -0.009 min
Response: 2037968
Conc: 19.08 ug/ml

Instrument :
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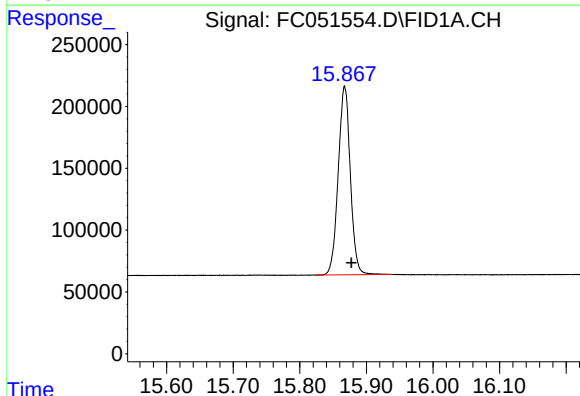
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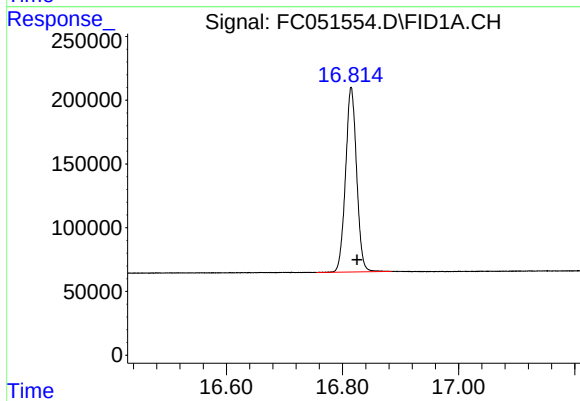
#14 n-Tetracosane (C24)

R.T.: 14.848 min
Delta R.T.: -0.010 min
Response: 1979691
Conc: 18.70 ug/ml



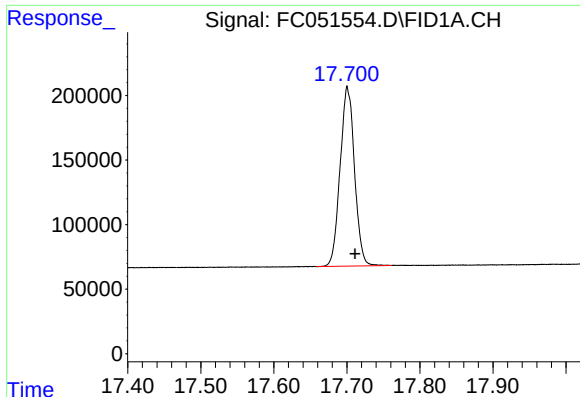
#15 n-Hexacosane (C26)

R.T.: 15.867 min
Delta R.T.: -0.010 min
Response: 1930700
Conc: 18.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.815 min
Delta R.T.: -0.010 min
Response: 1920479
Conc: 18.86 ug/ml



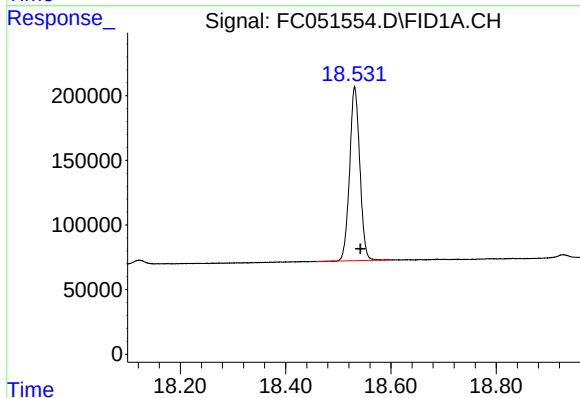
#17 n-Tricontane (C30)

R.T.: 17.701 min
Delta R.T.: -0.010 min
Response: 1899917
Conc: 19.29 ug/ml

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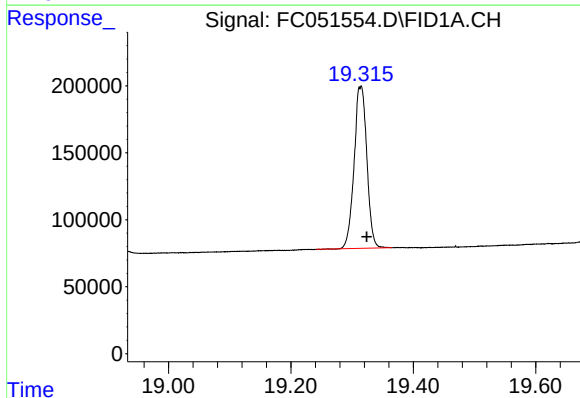
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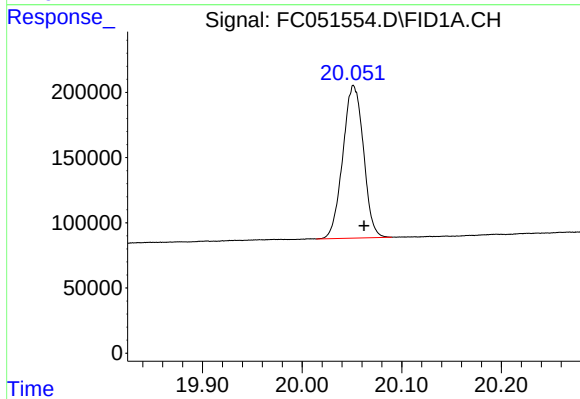
#18 n-Dotriacontane (C32)

R.T.: 18.531 min
Delta R.T.: -0.011 min
Response: 1809414
Conc: 19.97 ug/ml



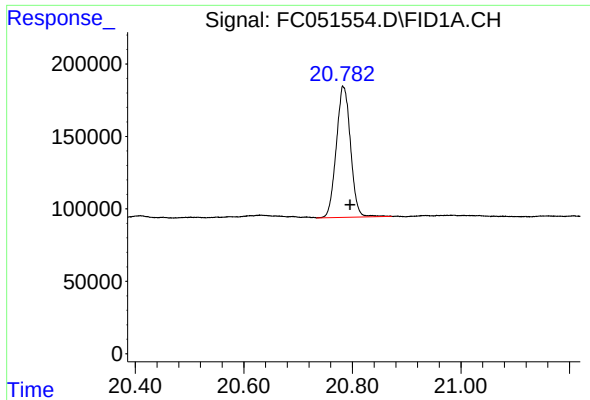
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.010 min
Response: 1745093
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.051 min
Delta R.T.: -0.011 min
Response: 1682909
Conc: 19.85 ug/ml m



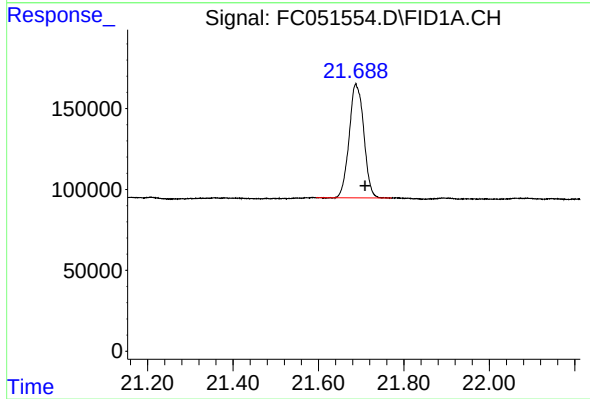
#21 n-Octatriacontane (C38)

R.T.: 20.782 min
Delta R.T.: -0.014 min
Response: 1645911
Conc: 21.50 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.688 min
Delta R.T.: -0.021 min
Response: 1670952
Conc: 21.13 ug/ml