

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102120AL\
 Data File : FC050275.D
 Signal(s) : FID1A.CH
 Acq On : 22 Oct 2020 3:56
 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

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 10/22/2020 5:30:38 PM

Integration File: autoint1.e
 Quant Time: Oct 22 04:22:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.629	2186545	19.507 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
12) S 1-chlorooctadecane (S...	13.064	1679918	19.393 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	3.375	2115920	21.352 ug/ml
2) T n-Decane (C10)	4.446	2127170	21.366 ug/ml
3) T A~Naphthalene (C11.7)	6.040	2309240	20.952 ug/ml
4) T n-Dodecane (C12)	6.468	2142006	21.229 ug/ml
5) T A~2-methylnaphthalene...	7.099	2313103	20.782 ug/ml
6) T n-Tetradecane (C14)	8.265	2105878	21.021 ug/ml
7) T n-Hexadecane (C16)	9.866	2046196	20.762 ug/ml
8) T n-Octadecane (C18)	11.308	2100819	20.342 ug/ml
10) T n-Eicosane (C20)	12.618	2060311	19.800 ug/ml
11) T n-Heneicosane (C21)	13.230	2033252	19.566 ug/ml
13) T n-Docosane (C22)	13.816	2007924	19.343 ug/ml
14) T n-Tetracosane (C24)	14.918	1963383	18.903 ug/ml
15) T n-Hexacosane (C26)	15.939	1912294	18.557 ug/ml
16) T n-Octacosane (C28)	16.887	1902393	18.382 ug/ml
17) T n-Tricontane (C30)	17.774	1875737	18.381 ug/ml
18) T n-Dotriacontane (C32)	18.605	1786247	18.594 ug/ml
19) T n-Tetratriacontane (C34)	19.388	1699396	18.527 ug/ml
20) T n-Hexatriacontane (C36)	20.124	1636838	18.480 ug/mlm
21) T n-Octatriacontane (C38)	20.871	1618250	19.625 ug/ml
22) T n-Tetracontane (C40)	21.805	1617007	19.337 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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Misc :
ALS Vial : 2 Sample Multiplier: 1

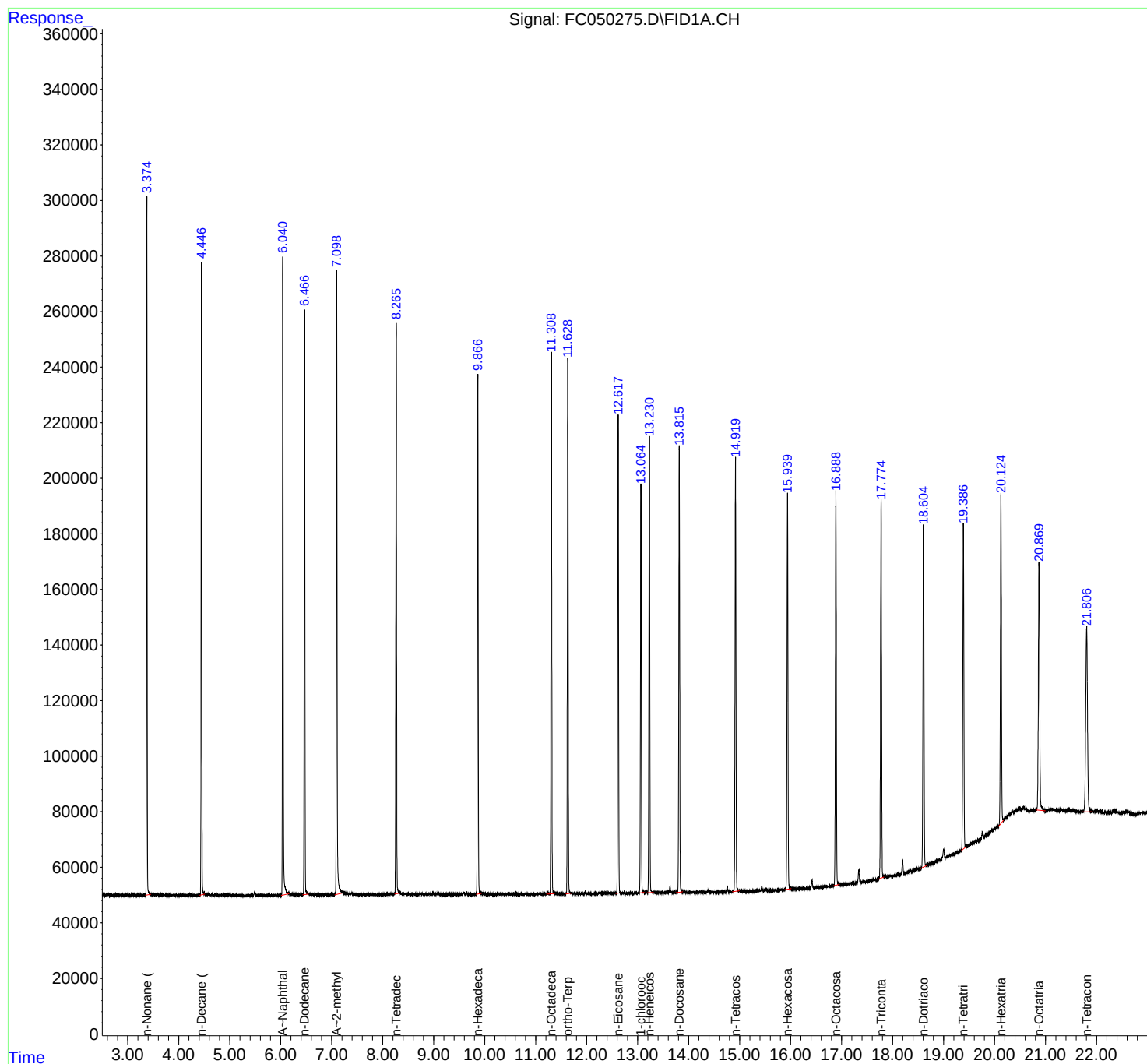
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

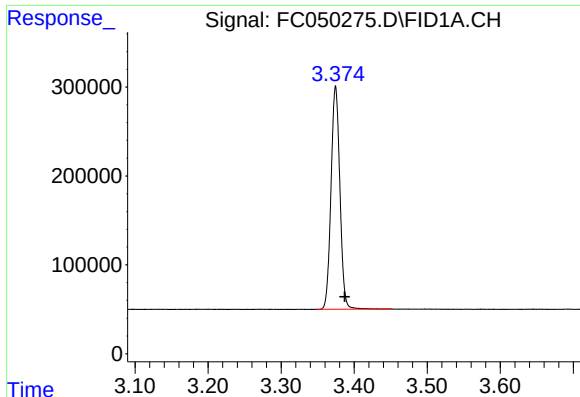
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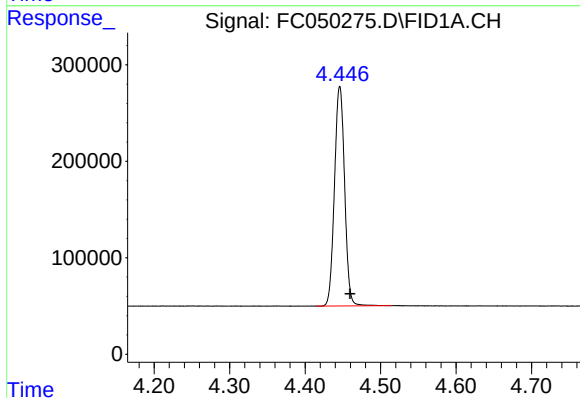
#1 n-Nonane (C9)

R.T.: 3.375 min
Delta R.T.: -0.012 min
Response: 2115920
Conc: 21.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

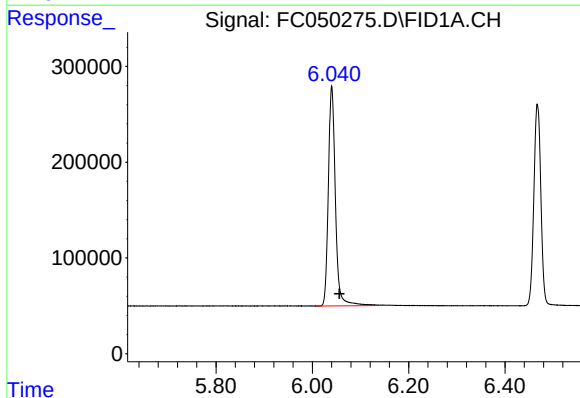
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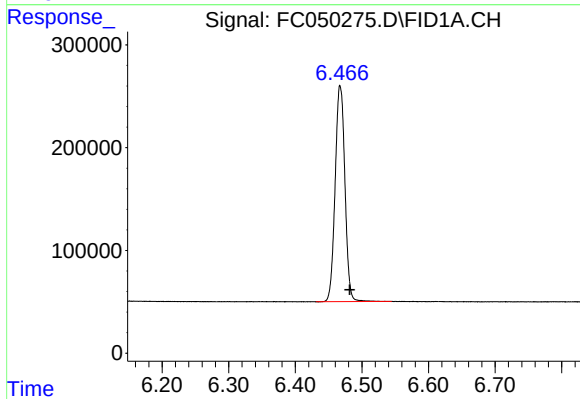
#2 n-Decane (C10)

R.T.: 4.446 min
Delta R.T.: -0.014 min
Response: 2127170
Conc: 21.37 ug/ml



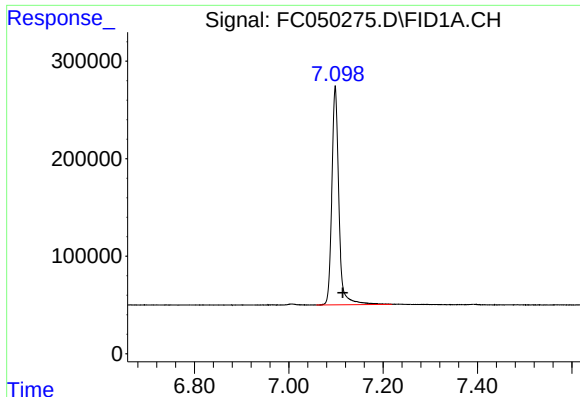
#3 A~Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: -0.016 min
Response: 2309240
Conc: 20.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.468 min
Delta R.T.: -0.014 min
Response: 2142006
Conc: 21.23 ug/ml



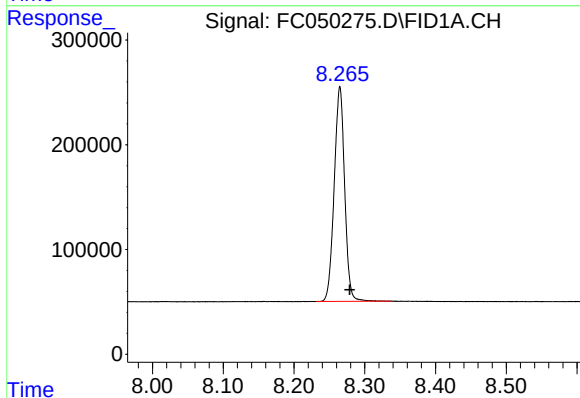
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: -0.016 min
Response: 2313103
Conc: 20.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

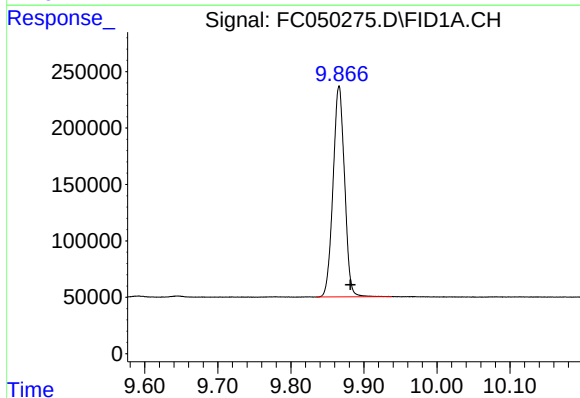
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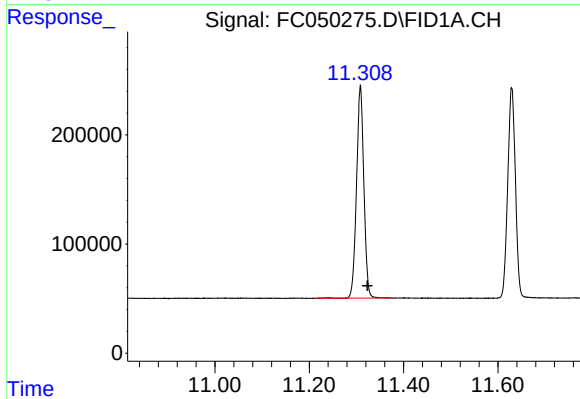
#6 n-Tetradecane (C14)

R.T.: 8.265 min
Delta R.T.: -0.014 min
Response: 2105878
Conc: 21.02 ug/ml



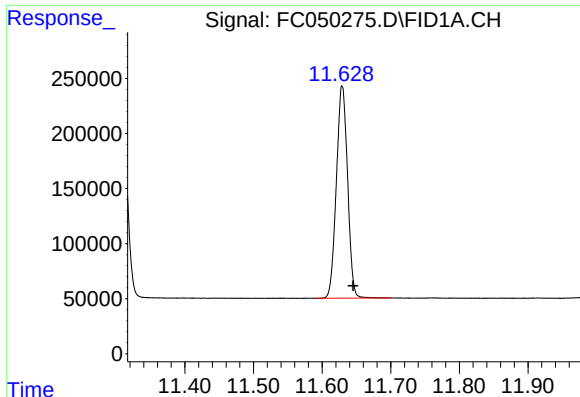
#7 n-Hexadecane (C16)

R.T.: 9.866 min
Delta R.T.: -0.016 min
Response: 2046196
Conc: 20.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.308 min
Delta R.T.: -0.015 min
Response: 2100819
Conc: 20.34 ug/ml



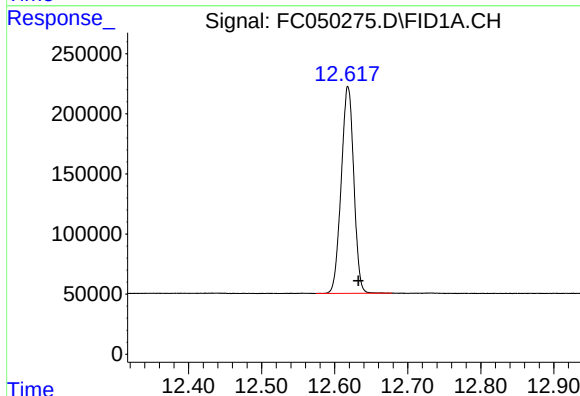
#9 ortho-Terphenyl (SURR)

R.T.: 11.629 min
Delta R.T.: -0.016 min
Response: 2186545
Conc: 19.51 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

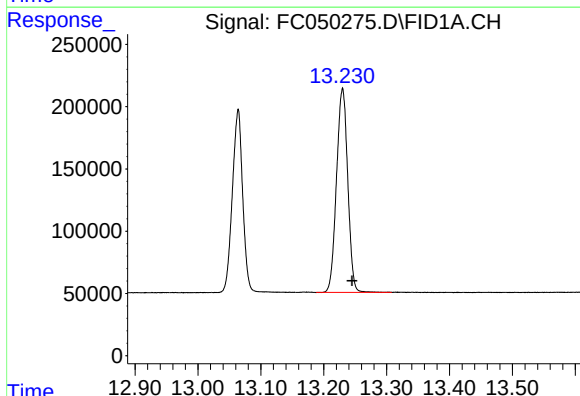
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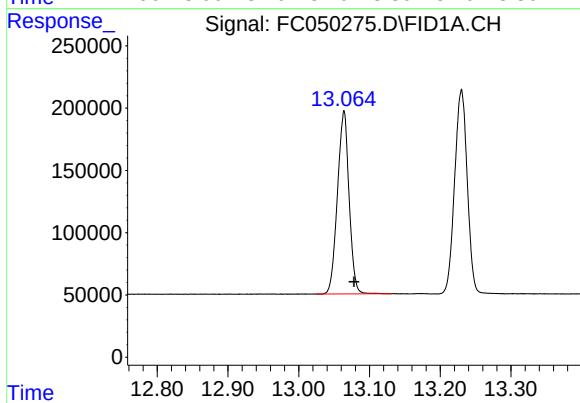
#10 n-Eicosane (C20)

R.T.: 12.618 min
Delta R.T.: -0.014 min
Response: 2060311
Conc: 19.80 ug/ml



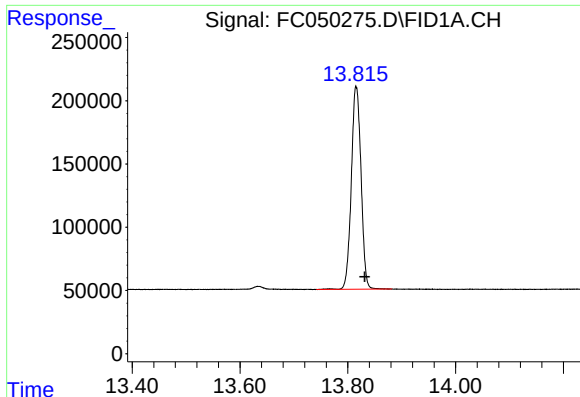
#11 n-Heneicosane (C21)

R.T.: 13.230 min
Delta R.T.: -0.015 min
Response: 2033252
Conc: 19.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.064 min
Delta R.T.: -0.015 min
Response: 1679918
Conc: 19.39 ug/ml



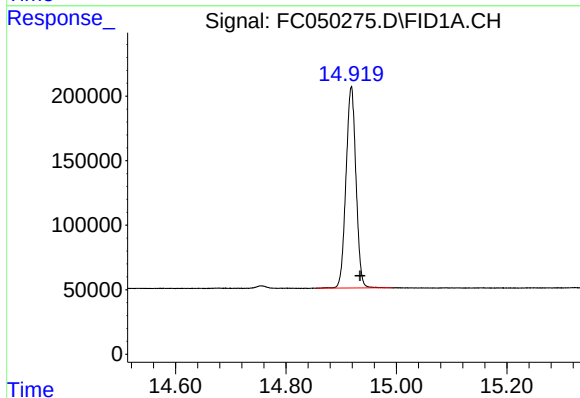
#13 n-Docosane (C22)

R.T.: 13.816 min
Delta R.T.: -0.016 min
Response: 2007924
Conc: 19.34 ug/ml

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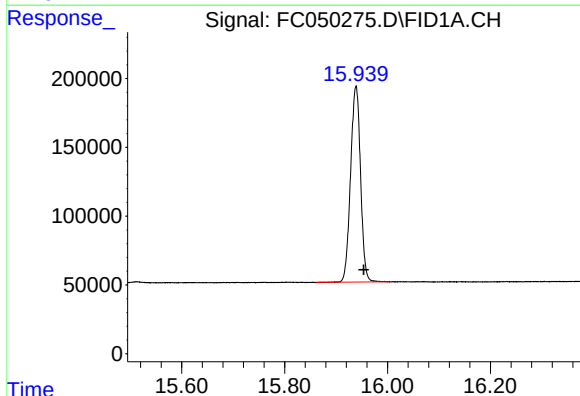
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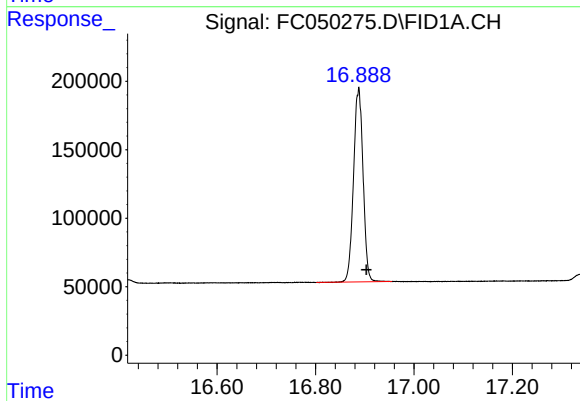
#14 n-Tetracosane (C24)

R.T.: 14.918 min
Delta R.T.: -0.016 min
Response: 1963383
Conc: 18.90 ug/ml



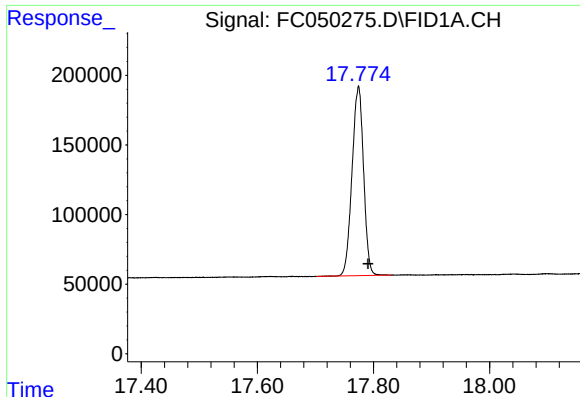
#15 n-Hexacosane (C26)

R.T.: 15.939 min
Delta R.T.: -0.015 min
Response: 1912294
Conc: 18.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.887 min
Delta R.T.: -0.016 min
Response: 1902393
Conc: 18.38 ug/ml



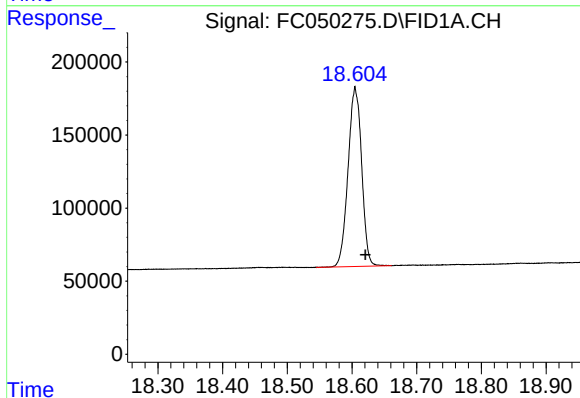
#17 n-Tricontane (C30)

R.T.: 17.774 min
Delta R.T.: -0.017 min
Response: 1875737
Conc: 18.38 ug/ml

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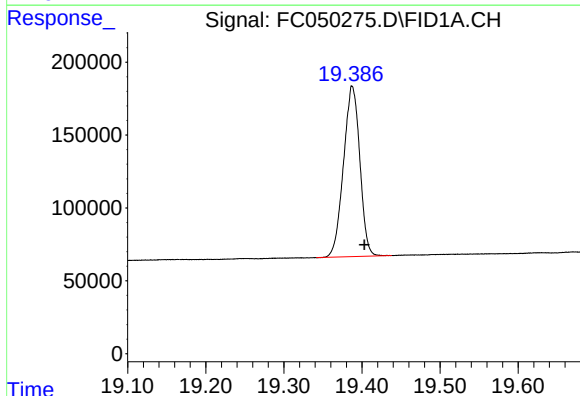
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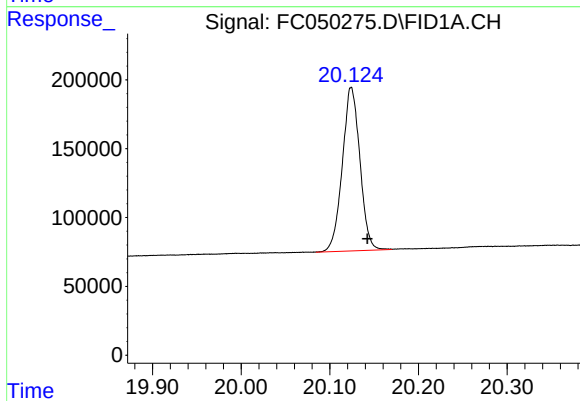
#18 n-Dotriacontane (C32)

R.T.: 18.605 min
Delta R.T.: -0.016 min
Response: 1786247
Conc: 18.59 ug/ml



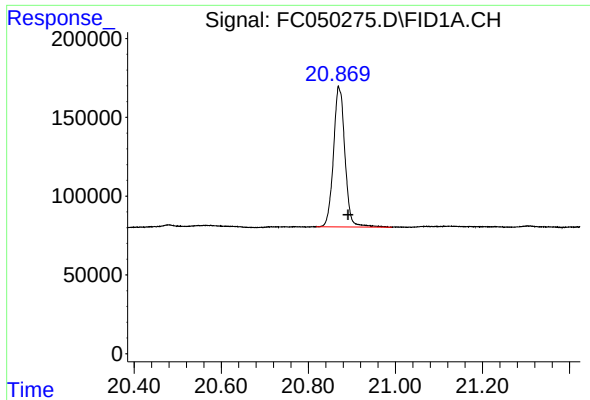
#19 n-Tetratriacontane (C34)

R.T.: 19.388 min
Delta R.T.: -0.015 min
Response: 1699396
Conc: 18.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.124 min
Delta R.T.: -0.018 min
Response: 1636838
Conc: 18.48 ug/ml m



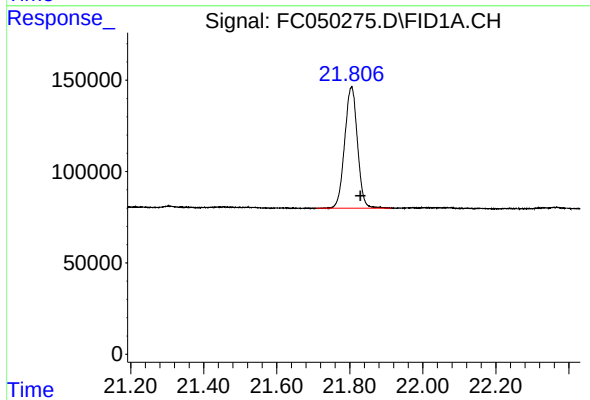
#21 n-Octatriacontane (C38)

R.T.: 20.871 min
Delta R.T.: -0.020 min
Response: 1618250
Conc: 19.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.805 min
Delta R.T.: -0.024 min
Response: 1617007
Conc: 19.34 ug/ml