

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010621AL\
 Data File : FC051617.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jan 2021 13:54
 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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 1/7/2021 3:32:14 PM

Integration File: autoint1.e
 Quant Time: Jan 07 14:51:24 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)	11.556	2190144	18.897 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
12) S 1-chlorooctadecane (S...	12.990	1683657	18.664 ug/ml
Spiked Amount 50.000		Recovery =	37.33%
Target Compounds			
1) T n-Nonane (C9)	3.320	2044421	20.722 ug/ml
2) T n-Decane (C10)	4.387	2077171	21.007 ug/ml
3) T A~Naphthalene (C11.7)	5.977	2147323	20.532 ug/ml
4) T n-Dodecane (C12)	6.403	2132519	20.860 ug/ml
5) T A~2-methylnaphthalene...	7.034	2136088	20.336 ug/ml
6) T n-Tetradecane (C14)	8.197	2079021	20.495 ug/ml
7) T n-Hexadecane (C16)	9.797	2019794	20.054 ug/ml
8) T n-Octadecane (C18)	11.237	2079752	19.500 ug/ml
10) T n-Eicosane (C20)	12.544	2050677	19.042 ug/ml
11) T n-Heneicosane (C21)	13.155	2017891	18.813 ug/ml
13) T n-Docosane (C22)	13.741	2008338	18.806 ug/ml
14) T n-Tetracosane (C24)	14.842	1975181	18.661 ug/ml
15) T n-Hexacosane (C26)	15.861	1943634	18.765 ug/ml
16) T n-Octacosane (C28)	16.810	1951529	19.167 ug/ml
17) T n-Tricontane (C30)	17.695	1956750	19.869 ug/ml
18) T n-Dotriacontane (C32)	18.525	1864344	20.578 ug/mlm
19) T n-Tetratriacontane (C34)	19.307	1794580	21.114 ug/mlm
20) T n-Hexatriacontane (C36)	20.044	1701340	20.065 ug/mlm
21) T n-Octatriacontane (C38)	20.776	1612533	21.062 ug/mlm
22) T n-Tetracontane (C40)	21.678	1633672	20.659 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 07 Jan 2021 13:54
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

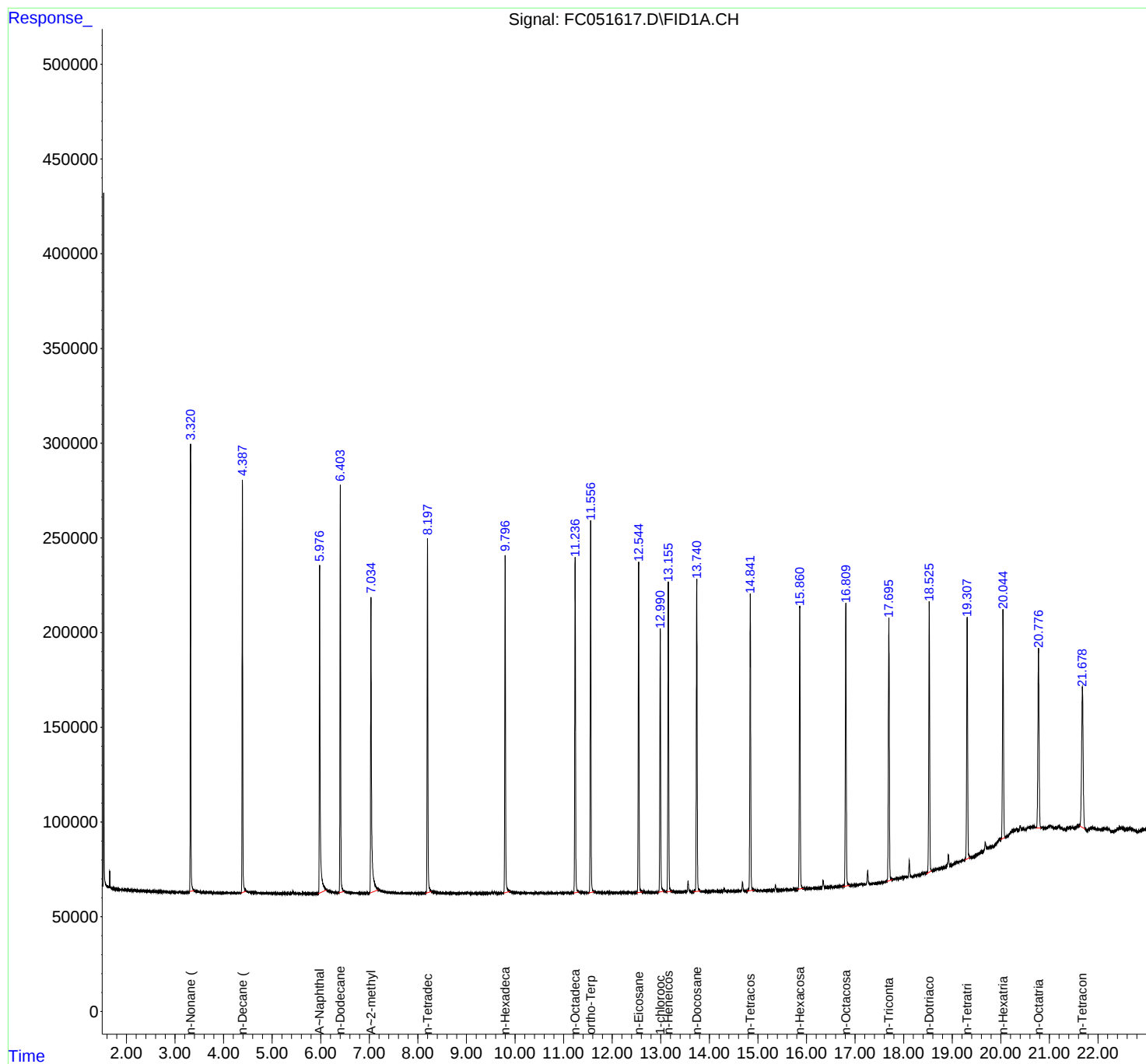
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

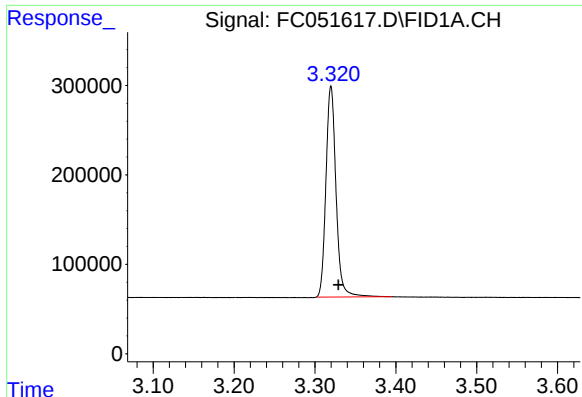
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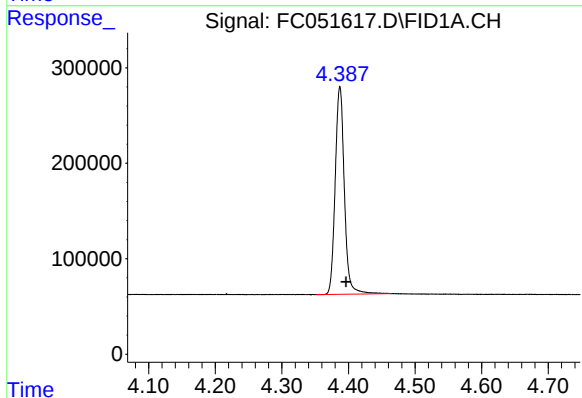
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.009 min
Response: 2044421
Conc: 20.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

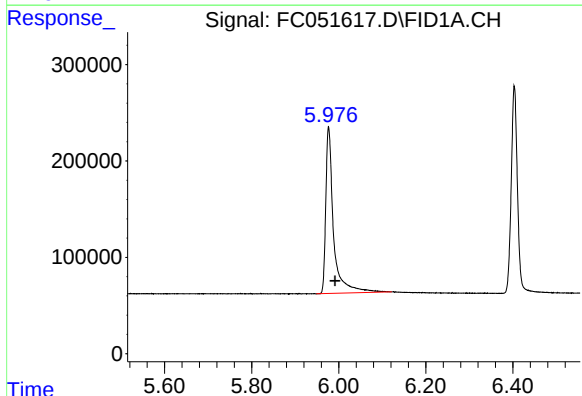
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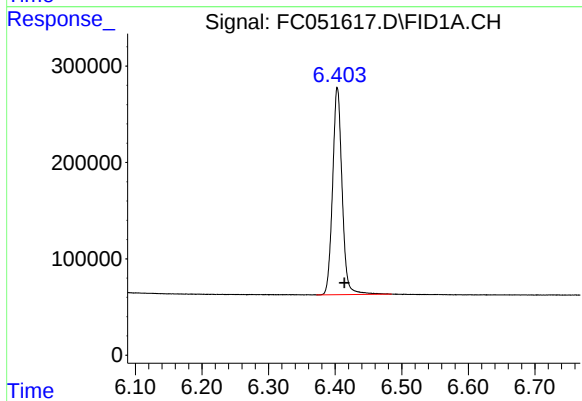
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.009 min
Response: 2077171
Conc: 21.01 ug/ml



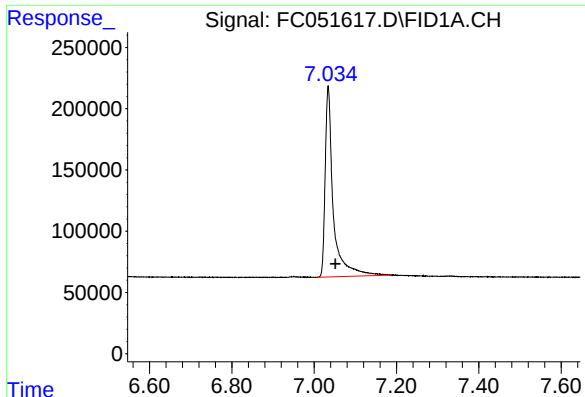
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.015 min
Response: 2147323
Conc: 20.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: -0.010 min
Response: 2132519
Conc: 20.86 ug/ml



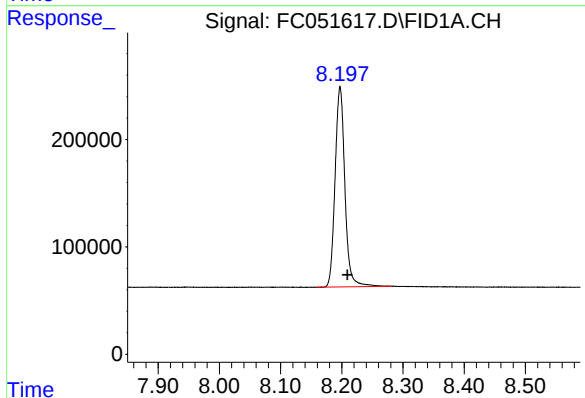
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: -0.017 min
Response: 2136088
Conc: 20.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

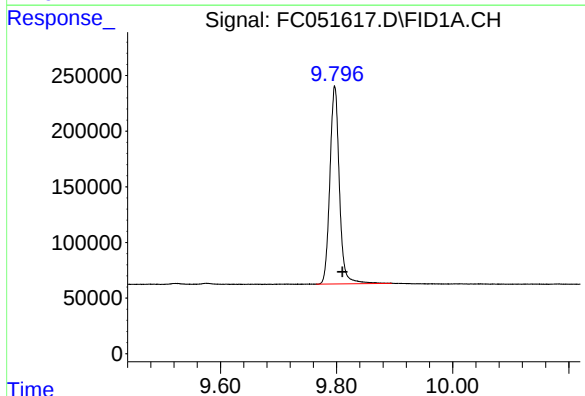
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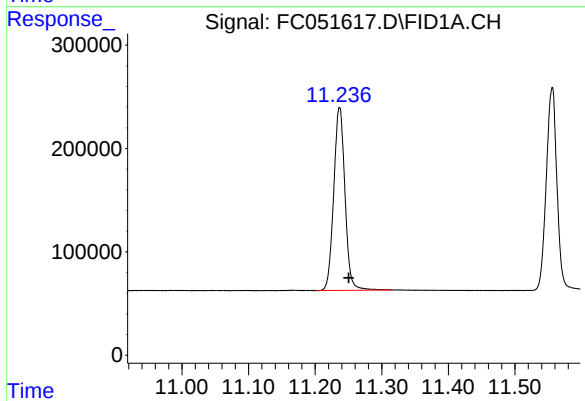
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.012 min
Response: 2079021
Conc: 20.49 ug/ml



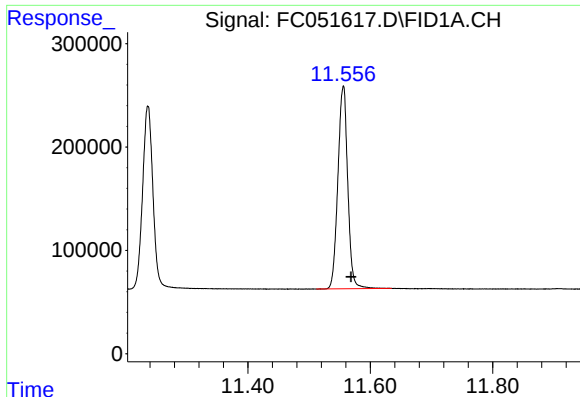
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.013 min
Response: 2019794
Conc: 20.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.237 min
Delta R.T.: -0.014 min
Response: 2079752
Conc: 19.50 ug/ml



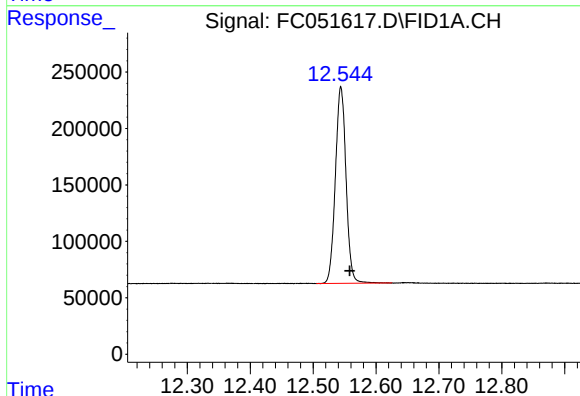
#9 ortho-Terphenyl (SURR)

R.T.: 11.556 min
Delta R.T.: -0.013 min
Response: 2190144
Conc: 18.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

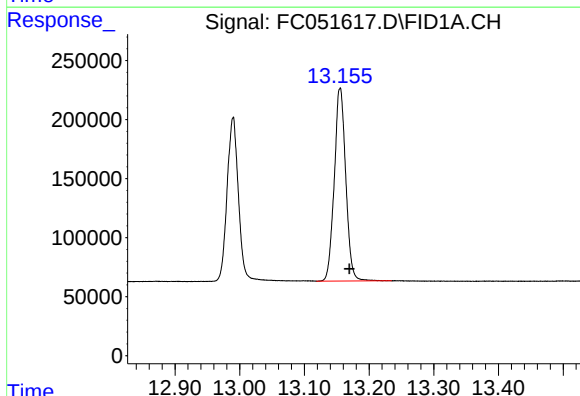
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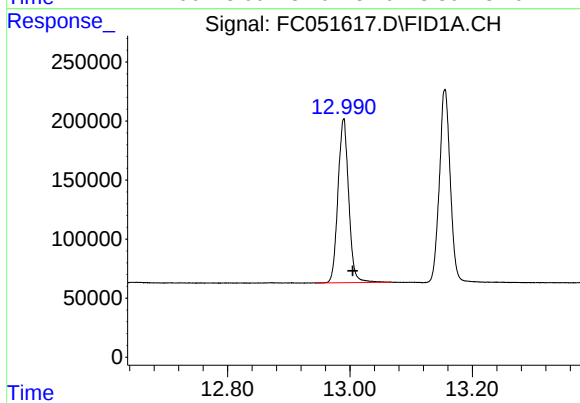
#10 n-Eicosane (C20)

R.T.: 12.544 min
Delta R.T.: -0.014 min
Response: 2050677
Conc: 19.04 ug/ml



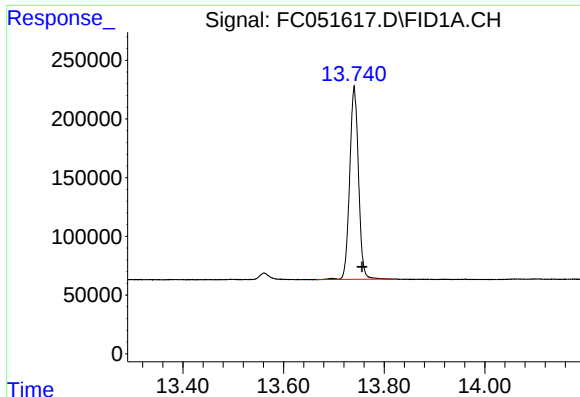
#11 n-Heneicosane (C21)

R.T.: 13.155 min
Delta R.T.: -0.014 min
Response: 2017891
Conc: 18.81 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.990 min
Delta R.T.: -0.015 min
Response: 1683657
Conc: 18.66 ug/ml



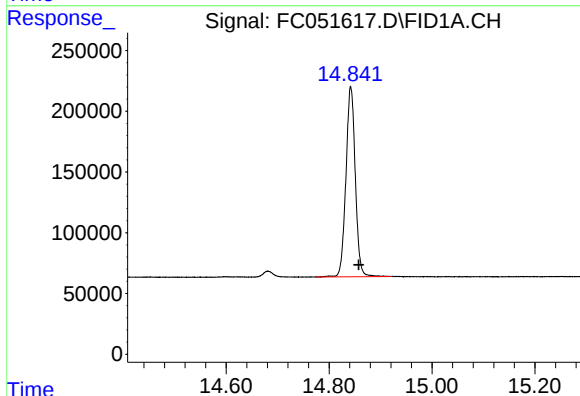
#13 n-Docosane (C22)

R.T.: 13.741 min
Delta R.T.: -0.015 min
Response: 2008338
Conc: 18.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

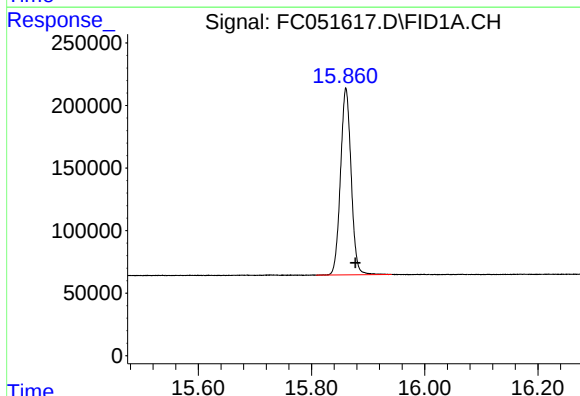
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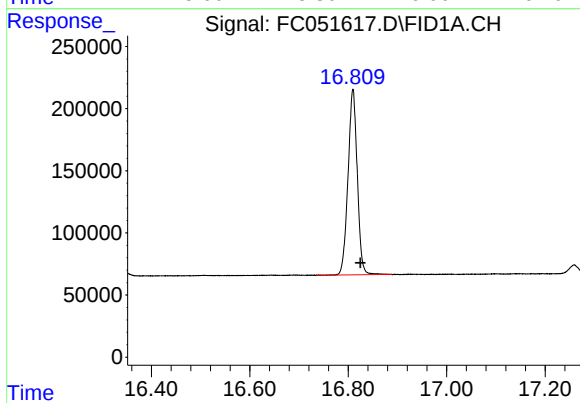
#14 n-Tetracosane (C24)

R.T.: 14.842 min
Delta R.T.: -0.016 min
Response: 1975181
Conc: 18.66 ug/ml



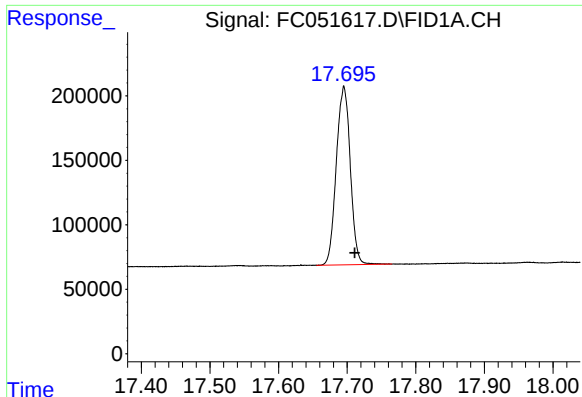
#15 n-Hexacosane (C26)

R.T.: 15.861 min
Delta R.T.: -0.017 min
Response: 1943634
Conc: 18.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.810 min
Delta R.T.: -0.015 min
Response: 1951529
Conc: 19.17 ug/ml



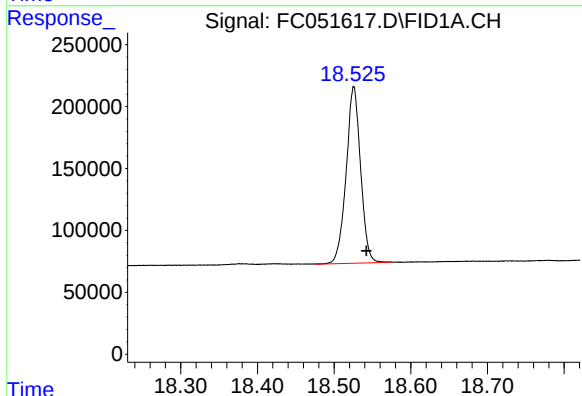
#17 n-Tricontane (C30)

R.T.: 17.695 min
Delta R.T.: -0.016 min
Response: 1956750
Conc: 19.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

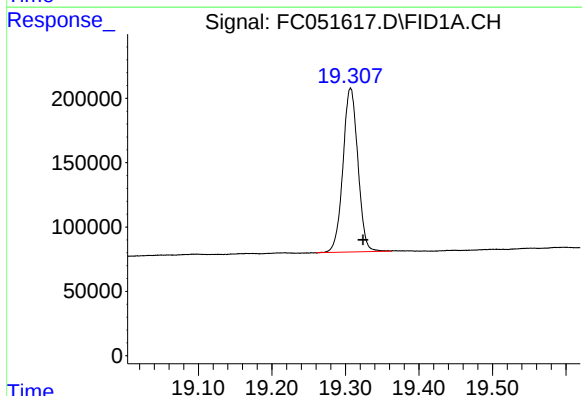
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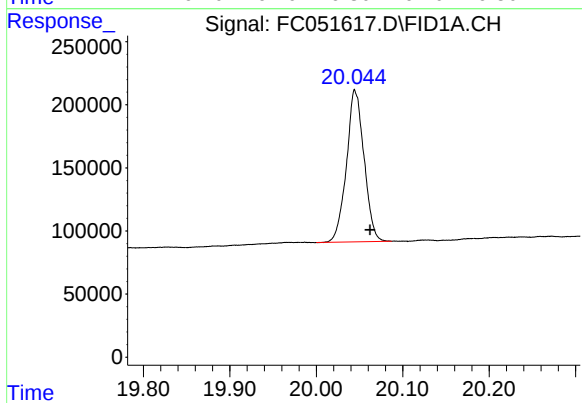
#18 n-Dotriacontane (C32)

R.T.: 18.525 min
Delta R.T.: -0.017 min
Response: 1864344
Conc: 20.58 ug/ml m



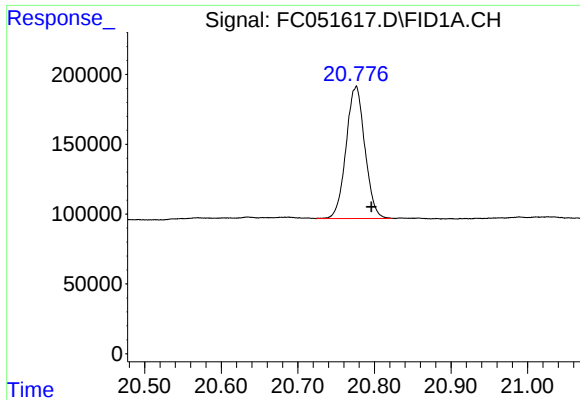
#19 n-Tetratriacontane (C34)

R.T.: 19.307 min
Delta R.T.: -0.017 min
Response: 1794580
Conc: 21.11 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.044 min
Delta R.T.: -0.018 min
Response: 1701340
Conc: 20.06 ug/ml m



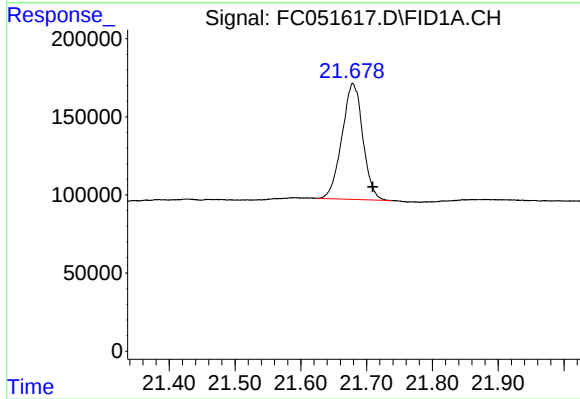
#21 n-Octatriacontane (C38)

R.T.: 20.776 min
Delta R.T.: -0.020 min
Response: 1612533
Conc: 21.06 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.678 min
Delta R.T.: -0.031 min
Response: 1633672
Conc: 20.66 ug/ml m