

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101520AL\
 Data File : FC050143.D
 Signal(s) : FID1A.CH
 Acq On : 16 Oct 2020 00:54
 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

Ankita
 10/16/2020 11:55:13 AM

Integration File: autoint1.e
 Quant Time: Oct 16 03:35:13 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)	11.632	2349602	20.962 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
12) S 1-chlorooctadecane (S...	13.066	1810369	20.899 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
Target Compounds			
1) T n-Nonane (C9)	3.377	2190290	22.102 ug/ml
2) T n-Decane (C10)	4.448	2212014	22.218 ug/ml
3) T A~Naphthalene (C11.7)	6.042	2418586	21.944 ug/ml
4) T n-Dodecane (C12)	6.470	2237182	22.172 ug/ml
5) T A~2-methylnaphthalene...	7.099	2435606	21.882 ug/ml
6) T n-Tetradecane (C14)	8.266	2208534	22.045 ug/ml
7) T n-Hexadecane (C16)	9.869	2149769	21.813 ug/ml
8) T n-Octadecane (C18)	11.311	2226275	21.557 ug/ml
10) T n-Eicosane (C20)	12.620	2207739	21.217 ug/ml
11) T n-Heneicosane (C21)	13.231	2182851	21.006 ug/ml
13) T n-Docosane (C22)	13.818	2163155	20.839 ug/ml
14) T n-Tetracosane (C24)	14.920	2133798	20.543 ug/ml
15) T n-Hexacosane (C26)	15.940	2069626	20.084 ug/ml
16) T n-Octacosane (C28)	16.889	2057146	19.877 ug/ml
17) T n-Tricontane (C30)	17.776	2054320	20.131 ug/ml
18) T n-Dotriacontane (C32)	18.607	1950390	20.302 ug/ml
19) T n-Tetratriacontane (C34)	19.388	1826873	19.917 ug/ml
20) T n-Hexatriacontane (C36)	20.126	1740944	19.655 ug/ml
21) T n-Octatriacontane (C38)	20.872	1708431	20.719 ug/mlm
22) T n-Tetracontane (C40)	21.803	1739757	20.805 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

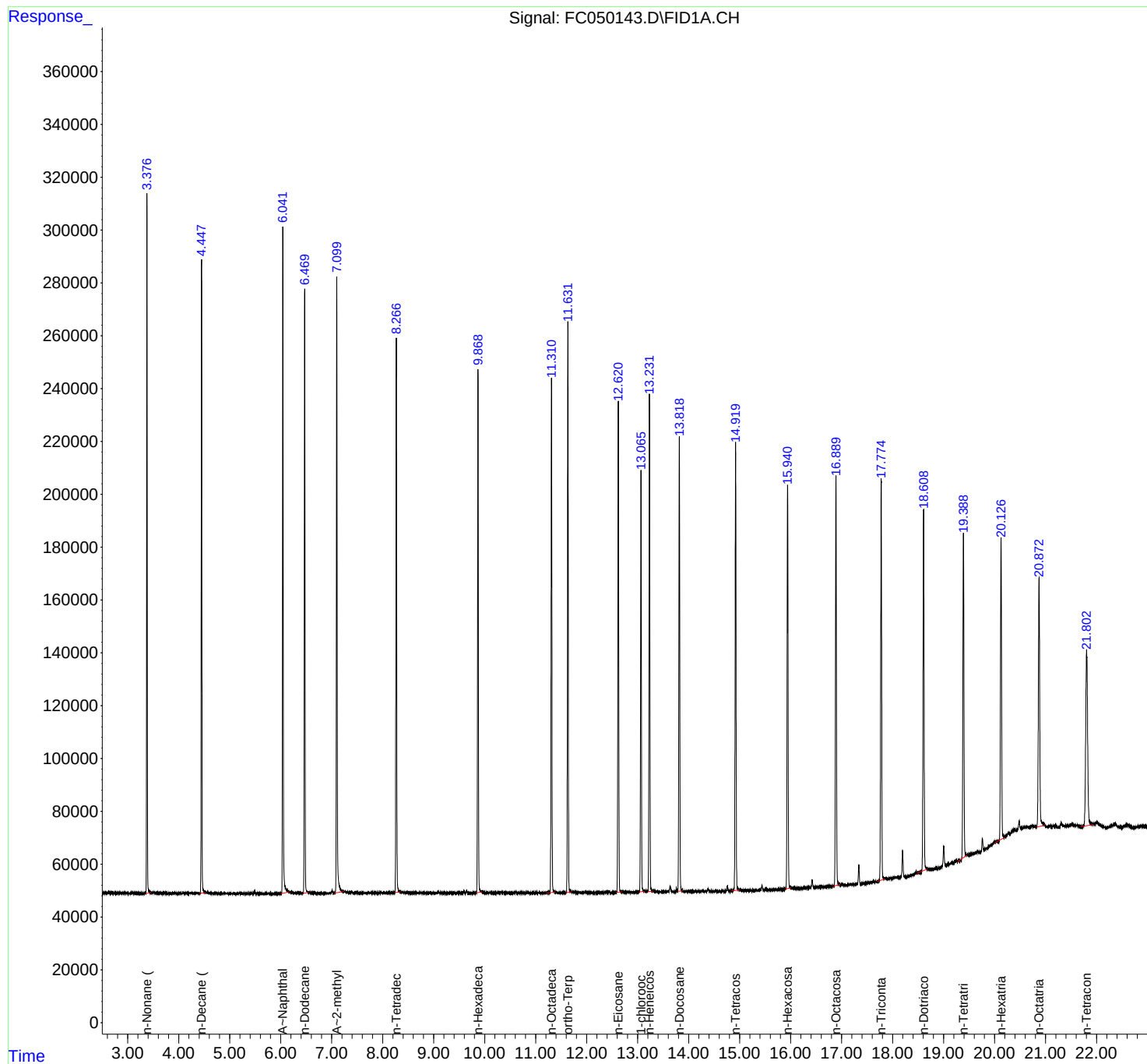
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

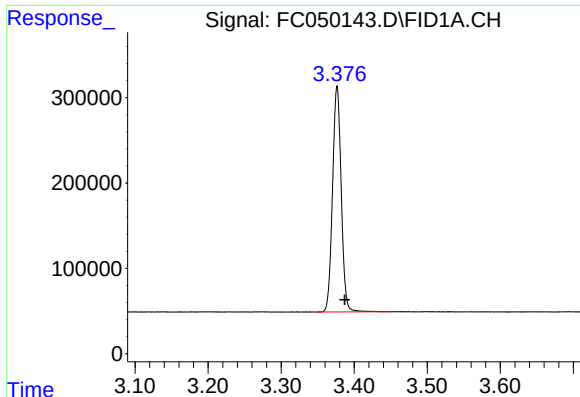
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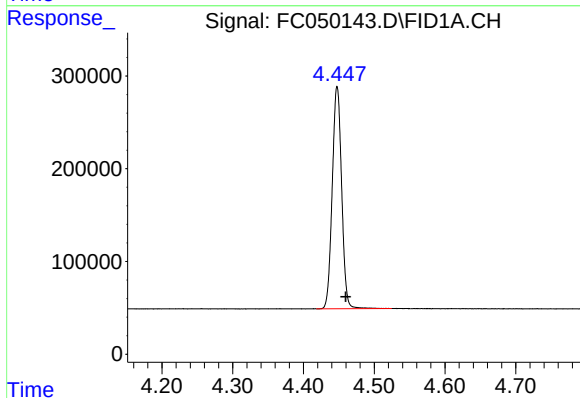
#1 n-Nonane (C9)

R.T.: 3.377 min
Delta R.T.: -0.010 min
Response: 2190290
Conc: 22.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

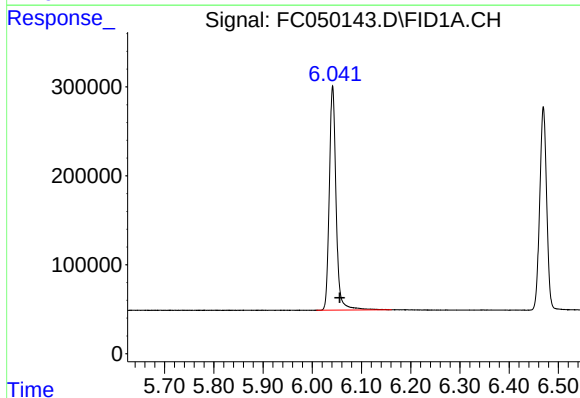
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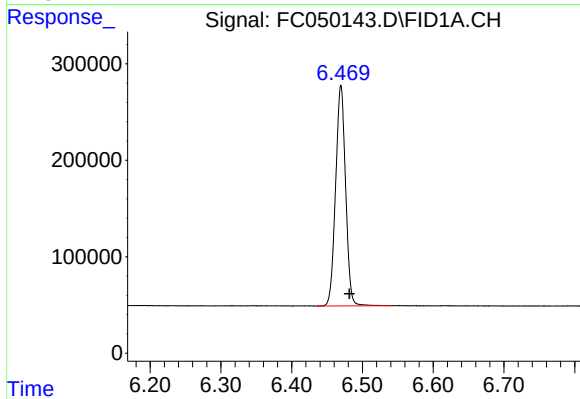
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.012 min
Response: 2212014
Conc: 22.22 ug/ml



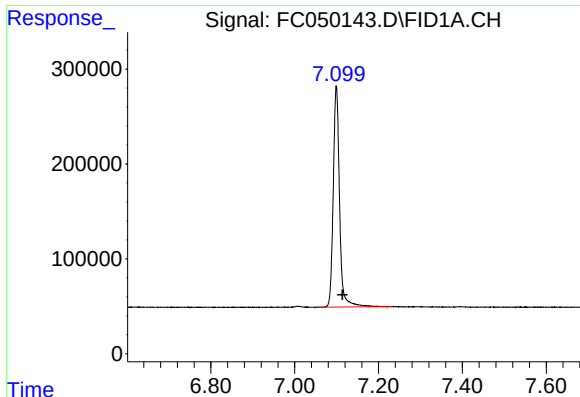
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: -0.015 min
Response: 2418586
Conc: 21.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.470 min
Delta R.T.: -0.012 min
Response: 2237182
Conc: 22.17 ug/ml



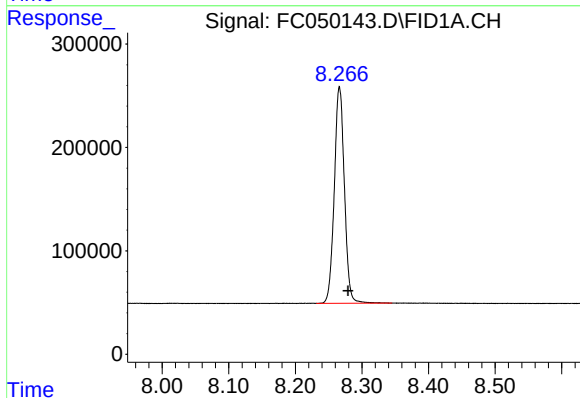
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: -0.015 min
Response: 2435606
Conc: 21.88 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

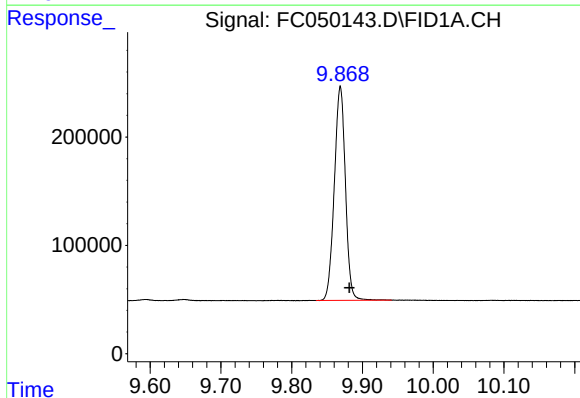
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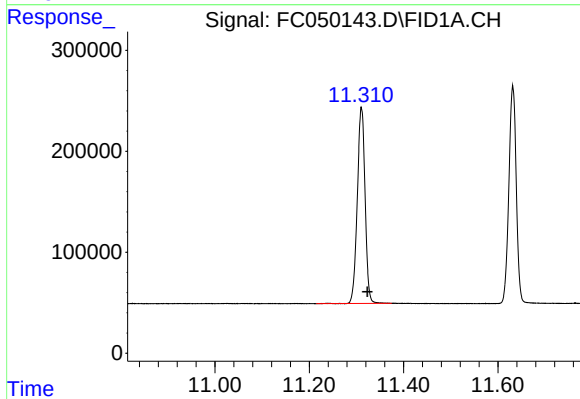
#6 n-Tetradecane (C14)

R.T.: 8.266 min
Delta R.T.: -0.013 min
Response: 2208534
Conc: 22.05 ug/ml



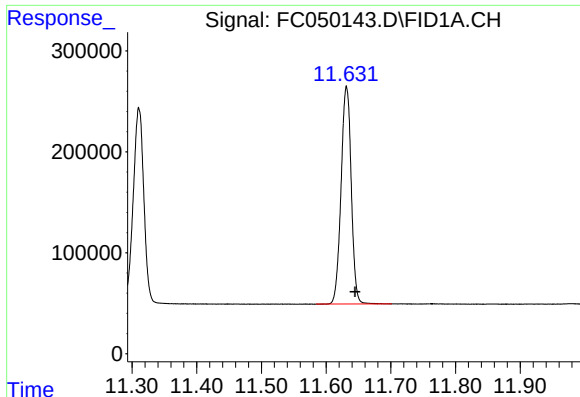
#7 n-Hexadecane (C16)

R.T.: 9.869 min
Delta R.T.: -0.013 min
Response: 2149769
Conc: 21.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.311 min
Delta R.T.: -0.013 min
Response: 2226275
Conc: 21.56 ug/ml



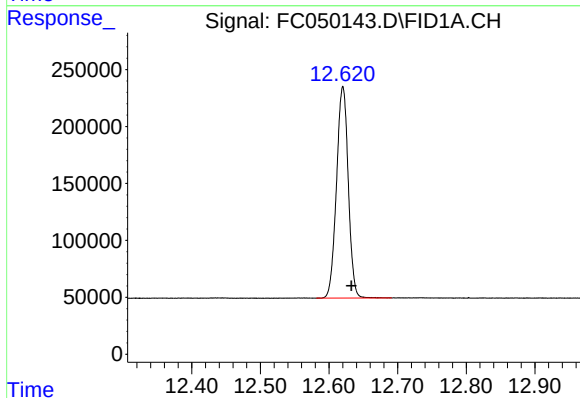
#9 ortho-Terphenyl (SURR)

R.T.: 11.632 min
Delta R.T.: -0.014 min
Response: 2349602
Conc: 20.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

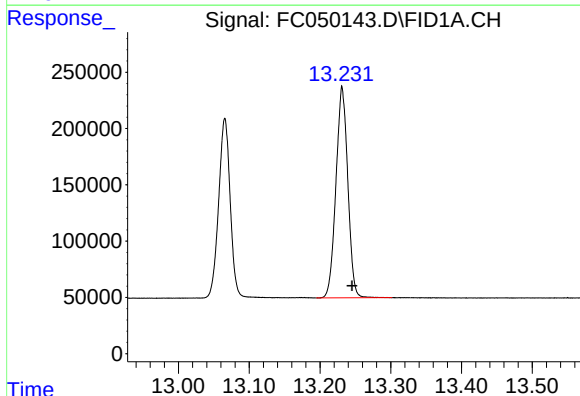
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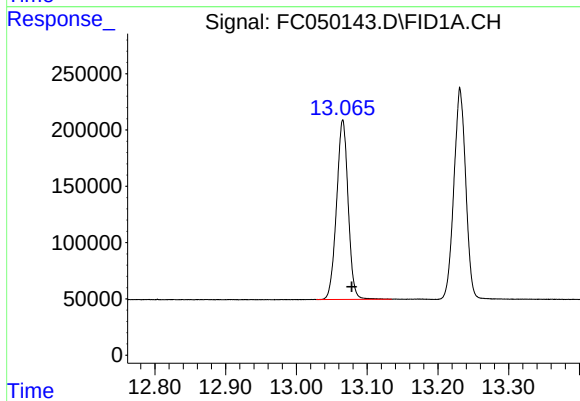
#10 n-Eicosane (C20)

R.T.: 12.620 min
Delta R.T.: -0.012 min
Response: 2207739
Conc: 21.22 ug/ml



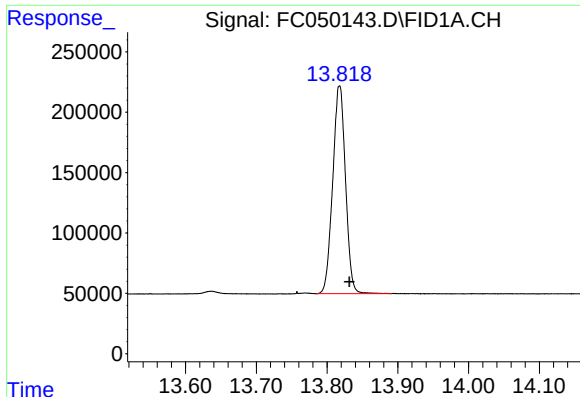
#11 n-Heneicosane (C21)

R.T.: 13.231 min
Delta R.T.: -0.014 min
Response: 2182851
Conc: 21.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.066 min
Delta R.T.: -0.013 min
Response: 1810369
Conc: 20.90 ug/ml



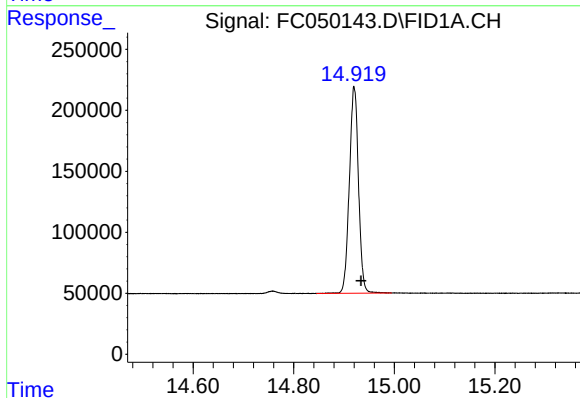
#13 n-Docosane (C22)

R.T.: 13.818 min
Delta R.T.: -0.014 min
Response: 2163155
Conc: 20.84 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

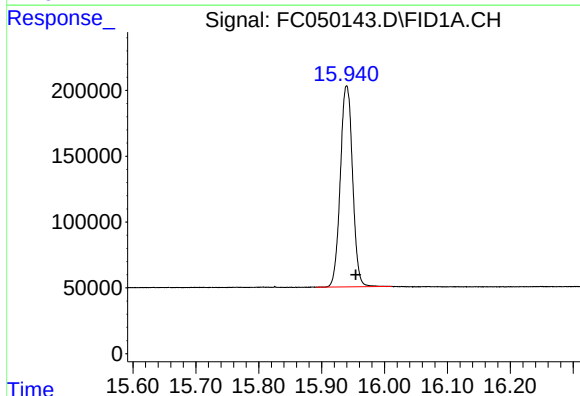
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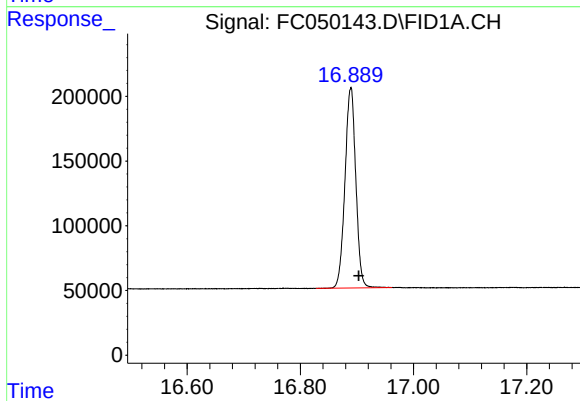
#14 n-Tetracosane (C24)

R.T.: 14.920 min
Delta R.T.: -0.014 min
Response: 2133798
Conc: 20.54 ug/ml



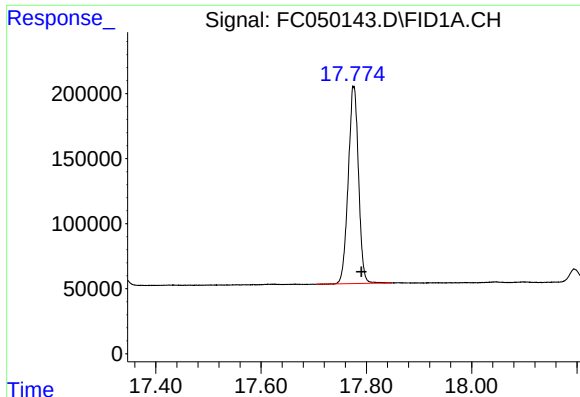
#15 n-Hexacosane (C26)

R.T.: 15.940 min
Delta R.T.: -0.014 min
Response: 2069626
Conc: 20.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.889 min
Delta R.T.: -0.014 min
Response: 2057146
Conc: 19.88 ug/ml



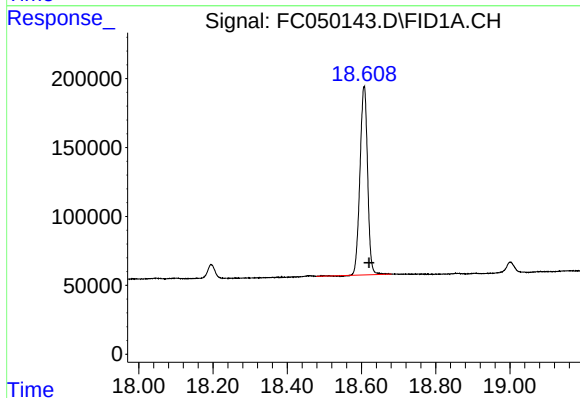
#17 n-Tricontane (C30)

R.T.: 17.776 min
Delta R.T.: -0.015 min
Response: 2054320
Conc: 20.13 ug/ml

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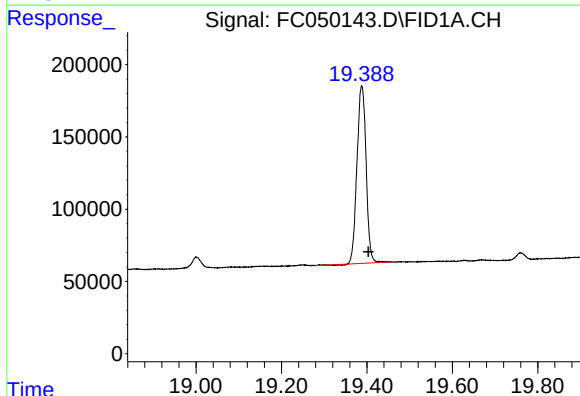
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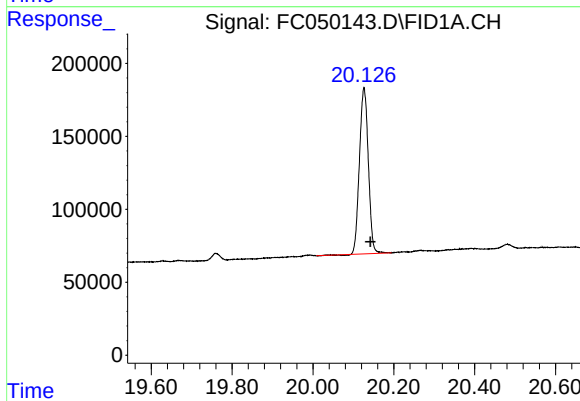
#18 n-Dotriacontane (C32)

R.T.: 18.607 min
Delta R.T.: -0.014 min
Response: 1950390
Conc: 20.30 ug/ml



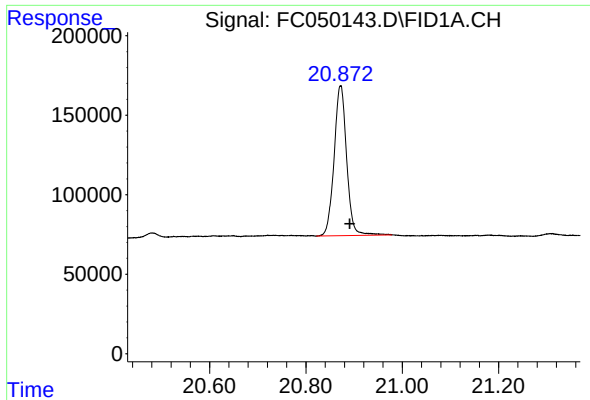
#19 n-Tetratriacontane (C34)

R.T.: 19.388 min
Delta R.T.: -0.015 min
Response: 1826873
Conc: 19.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.126 min
Delta R.T.: -0.016 min
Response: 1740944
Conc: 19.65 ug/ml



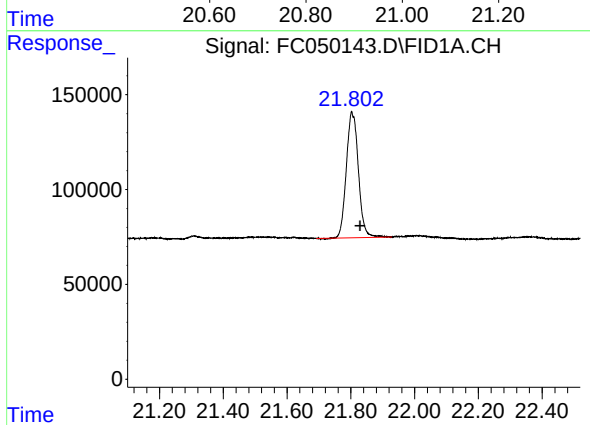
#21 n-Octatriacontane (C38)

R.T.: 20.872 min
Delta R.T.: -0.019 min
Response: 1708431
Conc: 20.72 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.803 min
Delta R.T.: -0.026 min
Response: 1739757
Conc: 20.81 ug/ml