

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050621AL\
 Data File : FC053530.D
 Signal(s) : FID1A.CH
 Acq On : 06 May 2021 12:01
 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
 5/10/2021 10:22:19 AM

Integration File: autoint1.e
 Quant Time: May 07 05:06:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 2021
 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)	11.534	2837747	20.497 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
12) S 1-chlorooctadecane (S...	12.975	2240733	20.090 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	3.293	2453141	20.769 ug/ml
2) T n-Decane (C10)	4.357	2466834	20.832 ug/ml
3) T A~Naphthalene (C11.7)	5.941	2762478	21.201 ug/ml
4) T n-Dodecane (C12)	6.376	2528823	20.899 ug/ml
5) T A~2-methylnaphthalene...	6.998	2829128	21.399 ug/ml
6) T n-Tetradecane (C14)	8.174	2566202	21.066 ug/ml
7) T n-Hexadecane (C16)	9.776	2569947	20.983 ug/ml
8) T n-Octadecane (C18)	11.220	2677001	20.555 ug/ml
10) T n-Eicosane (C20)	12.531	2682060	20.263 ug/ml
11) T n-Heneicosane (C21)	13.144	2664632	20.063 ug/ml
13) T n-Docosane (C22)	13.730	2653607	19.950 ug/ml
14) T n-Tetracosane (C24)	14.835	2580741	19.334 ug/ml
15) T n-Hexacosane (C26)	15.857	2446770	18.506 ug/ml
16) T n-Octacosane (C28)	16.808	2347236	17.931 ug/ml
17) T n-Tricontane (C30)	17.696	2247805	17.234 ug/ml
18) T n-Dotriacontane (C32)	18.530	2121178	16.811 ug/ml
19) T n-Tetratriacontane (C34)	19.314	2032878	16.685 ug/mlm
20) T n-Hexatriacontane (C36)	20.052	1912291	16.356 ug/mlm
21) T n-Octatriacontane (C38)	20.784	1807934	17.575 ug/ml
22) T n-Tetracontane (C40)	21.680	1857980	18.646 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

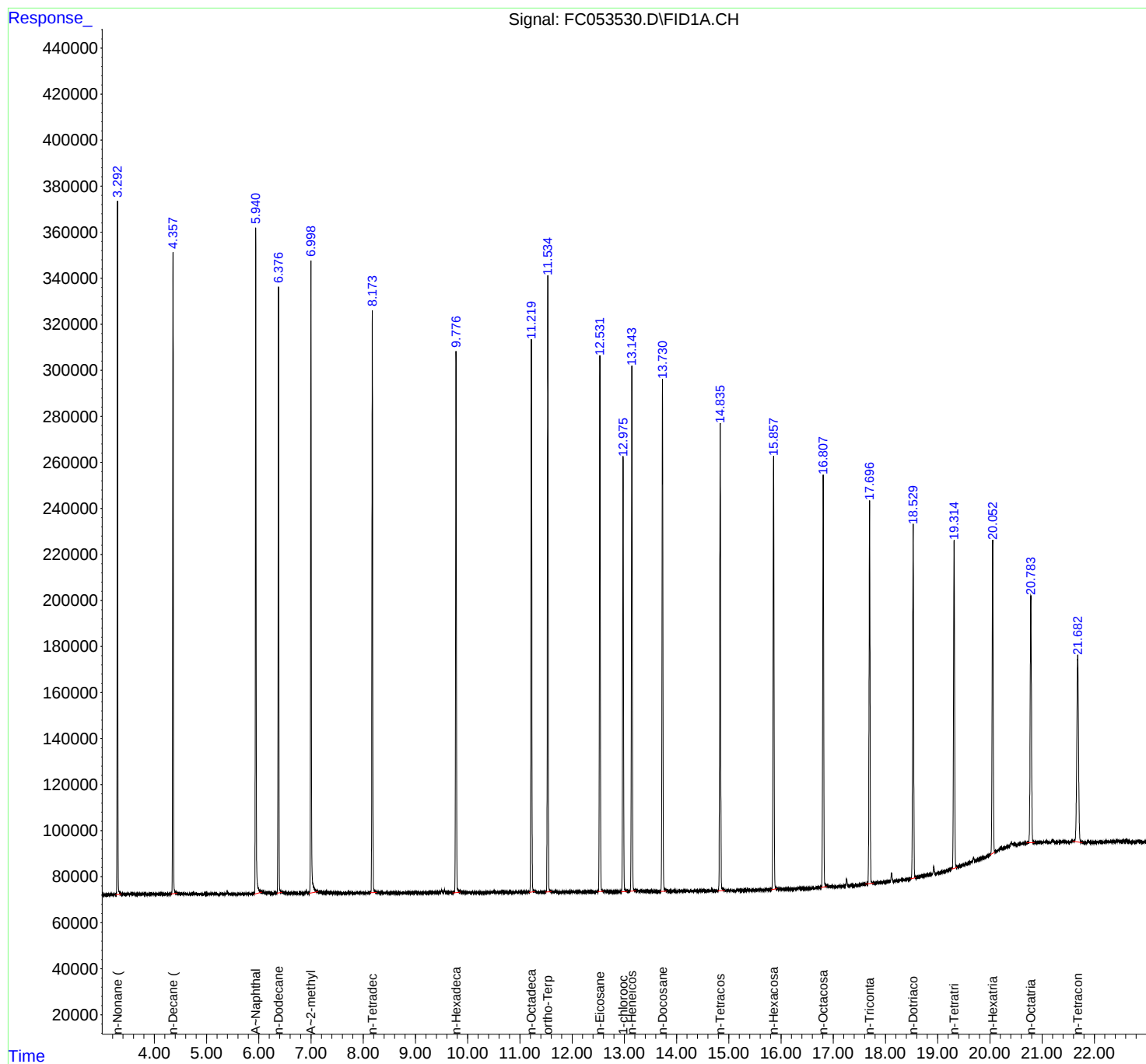
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

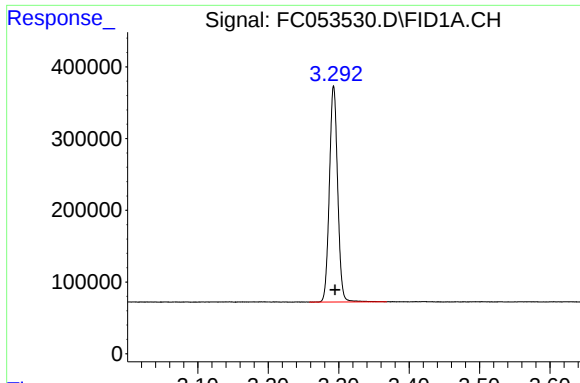
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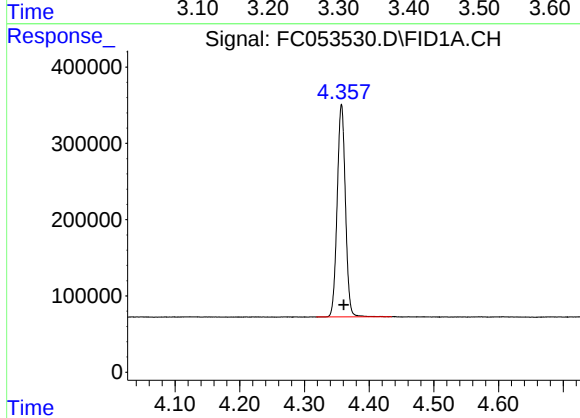
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.002 min
Response: 2453141
Conc: 20.77 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

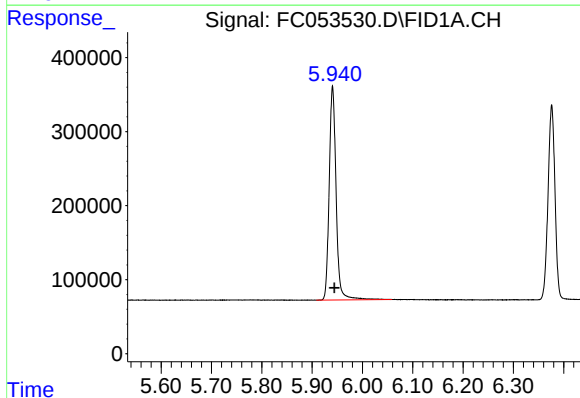
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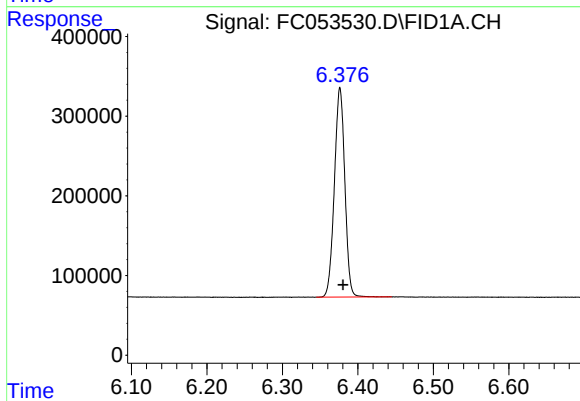
#2 n-Decane (C10)

R.T.: 4.357 min
Delta R.T.: -0.003 min
Response: 2466834
Conc: 20.83 ug/ml



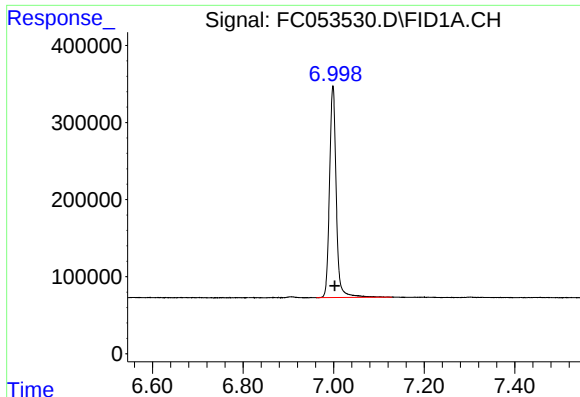
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 2762478
Conc: 21.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: -0.004 min
Response: 2528823
Conc: 20.90 ug/ml



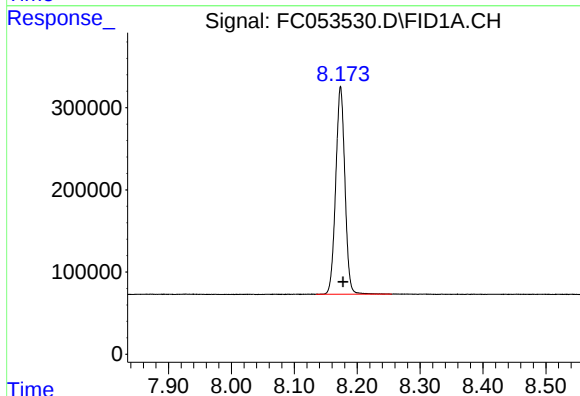
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.004 min
Response: 2829128
Conc: 21.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

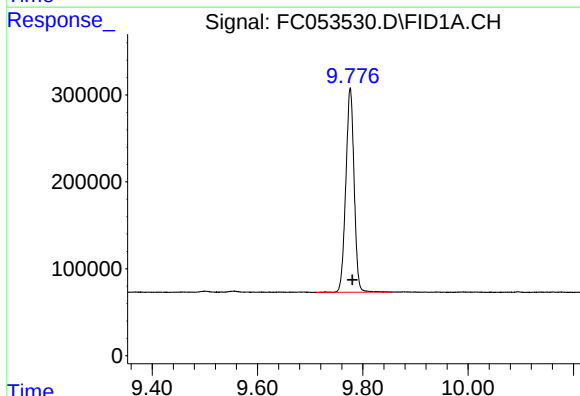
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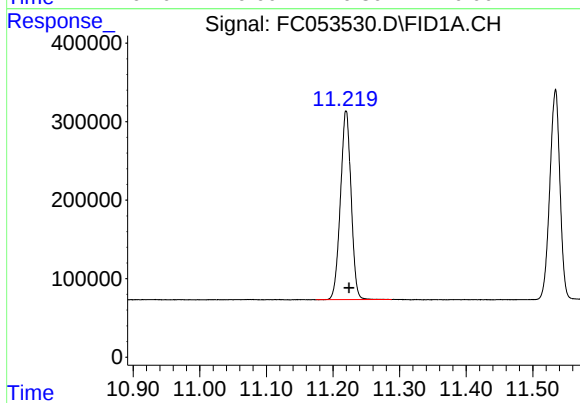
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.004 min
Response: 2566202
Conc: 21.07 ug/ml



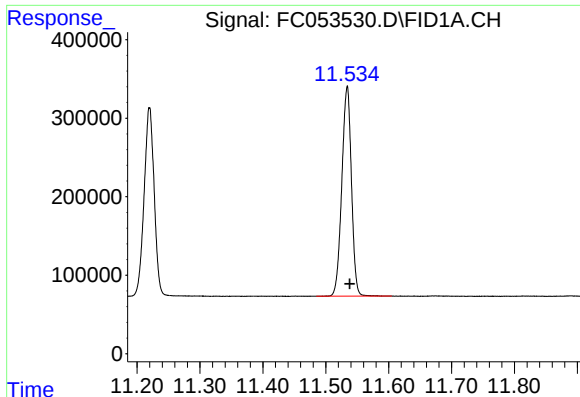
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.004 min
Response: 2569947
Conc: 20.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: -0.004 min
Response: 2677001
Conc: 20.56 ug/ml



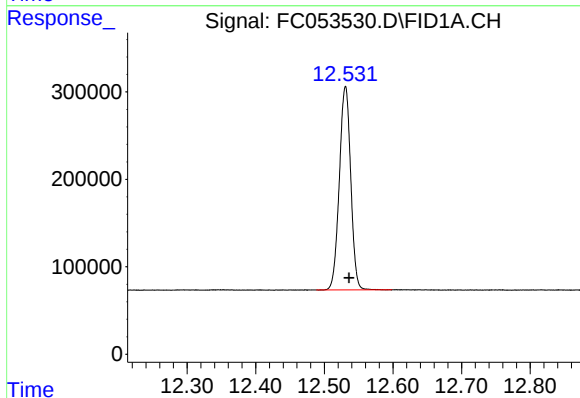
#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.004 min
Response: 2837747
Conc: 20.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

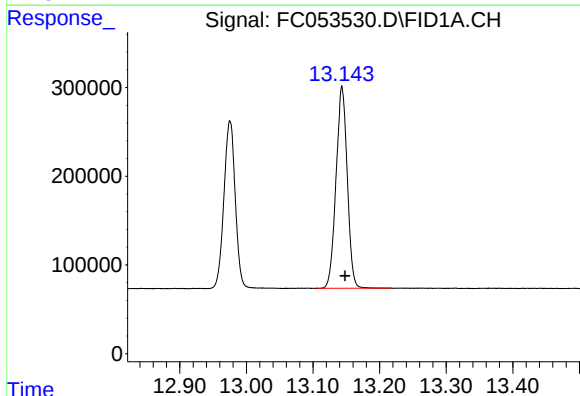
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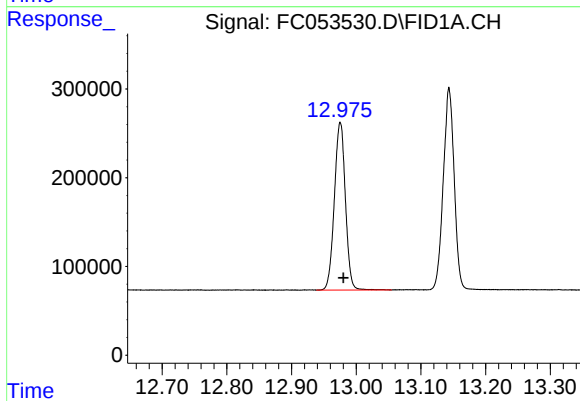
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: -0.005 min
Response: 2682060
Conc: 20.26 ug/ml



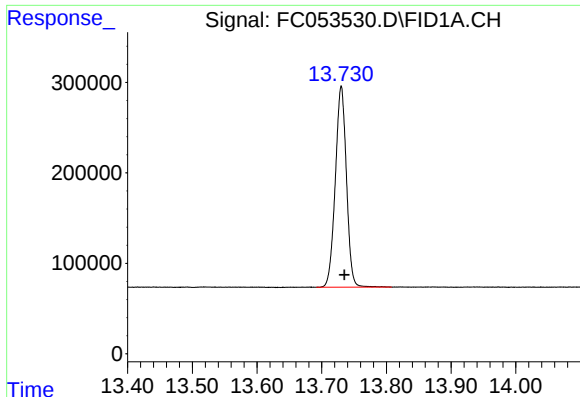
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: -0.005 min
Response: 2664632
Conc: 20.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.005 min
Response: 2240733
Conc: 20.09 ug/ml



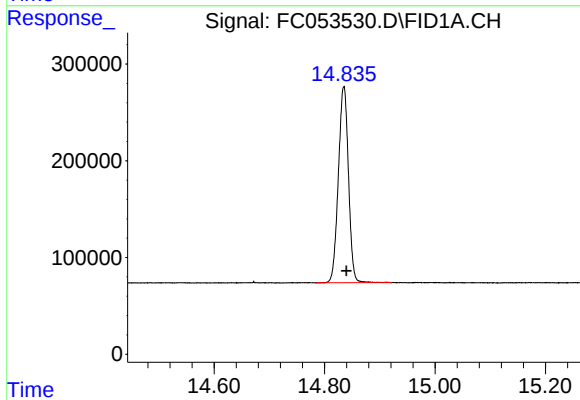
#13 n-Docosane (C22)

R.T.: 13.730 min
Delta R.T.: -0.005 min
Response: 2653607
Conc: 19.95 ug/ml

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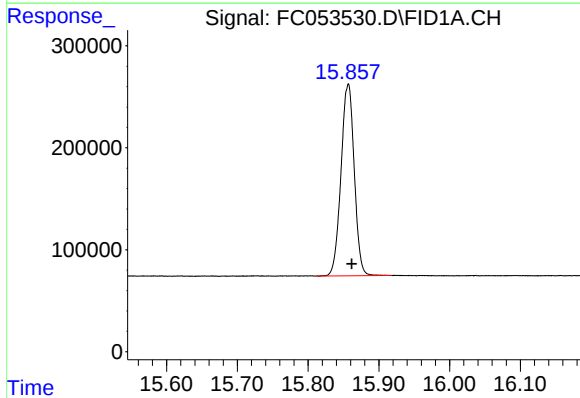
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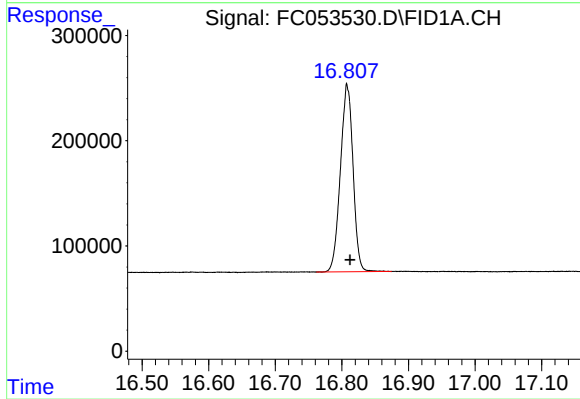
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.005 min
Response: 2580741
Conc: 19.33 ug/ml



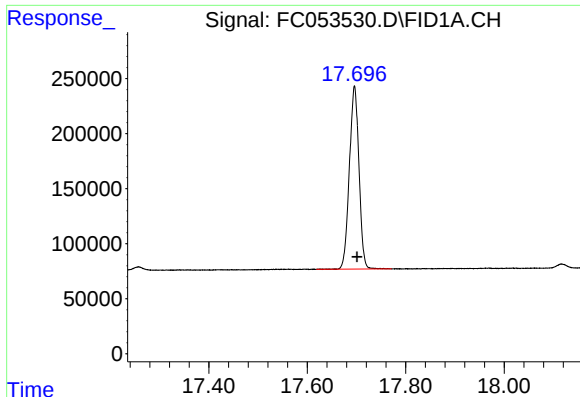
#15 n-Hexacosane (C26)

R.T.: 15.857 min
Delta R.T.: -0.005 min
Response: 2446770
Conc: 18.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.808 min
Delta R.T.: -0.004 min
Response: 2347236
Conc: 17.93 ug/ml



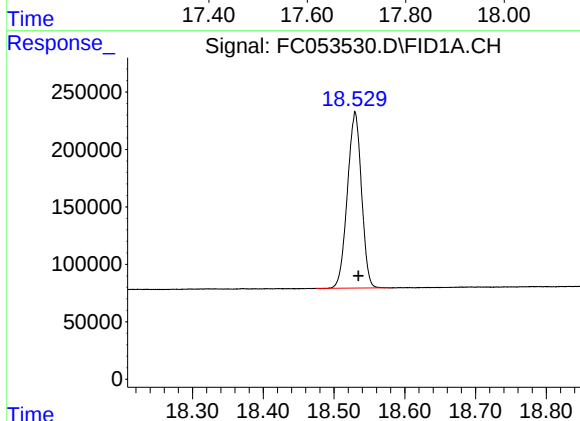
#17 n-Tricontane (C30)

R.T.: 17.696 min
Delta R.T.: -0.005 min
Response: 2247805
Conc: 17.23 ug/ml

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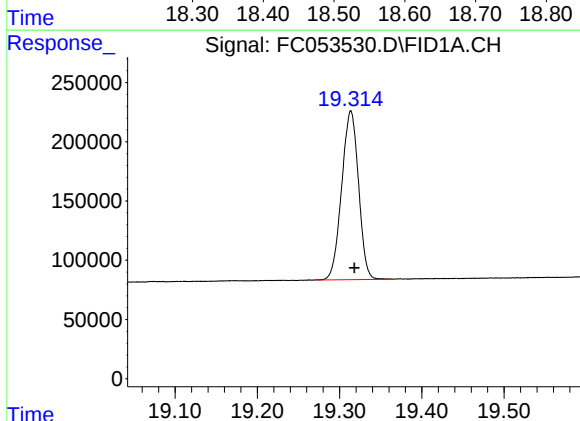
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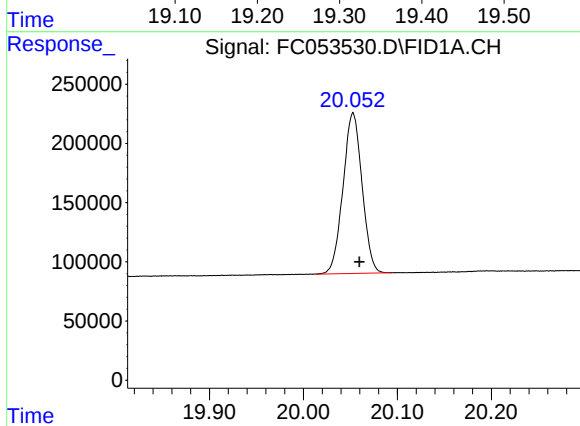
#18 n-Dotriacontane (C32)

R.T.: 18.530 min
Delta R.T.: -0.005 min
Response: 2121178
Conc: 16.81 ug/ml



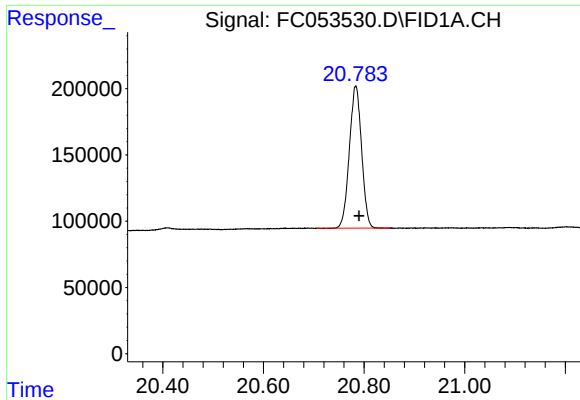
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.004 min
Response: 2032878
Conc: 16.68 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.052 min
Delta R.T.: -0.007 min
Response: 1912291
Conc: 16.36 ug/ml m



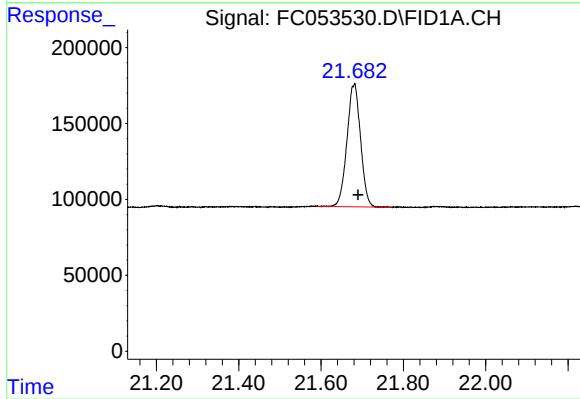
#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: -0.007 min
Response: 1807934
Conc: 17.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.680 min
Delta R.T.: -0.010 min
Response: 1857980
Conc: 18.65 ug/ml