

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032621AL\
 Data File : FC052797.D
 Signal(s) : FID1A.CH
 Acq On : 27 Mar 2021 17:54
 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
 3/30/2021 9:00:09 AM

Integration File: autoint1.e
 Quant Time: Mar 29 08:52:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.564	2675711	19.962 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
12) S 1-chlorooctadecane (S...	13.001	2087832	19.357 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
Target Compounds			
1) T n-Nonane (C9)	3.321	2580109	22.214 ug/ml
2) T n-Decane (C10)	4.388	2647088	22.589 ug/ml
3) T A~Naphthalene (C11.7)	5.974	2919100	22.296 ug/ml
4) T n-Dodecane (C12)	6.408	2709107	22.564 ug/ml
5) T A~2-methylnaphthalene...	7.031	2967040	22.165 ug/ml
6) T n-Tetradecane (C14)	8.204	2687687	22.222 ug/ml
7) T n-Hexadecane (C16)	9.805	2599890	21.617 ug/ml
8) T n-Octadecane (C18)	11.248	2628728	20.835 ug/ml
10) T n-Eicosane (C20)	12.557	2534004	19.844 ug/ml
11) T n-Heneicosane (C21)	13.169	2466889	19.408 ug/ml
13) T n-Docosane (C22)	13.755	2420787	19.109 ug/ml
14) T n-Tetracosane (C24)	14.858	2315167	18.533 ug/ml
15) T n-Hexacosane (C26)	15.878	2213189	18.380 ug/ml
16) T n-Octacosane (C28)	16.827	2155833	18.699 ug/ml
17) T n-Tricontane (C30)	17.715	2133367	19.581 ug/ml
18) T n-Dotriacontane (C32)	18.546	2108296	21.012 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2061163	22.424 ug/ml
20) T n-Hexatriacontane (C36)	20.069	2011990	22.064 ug/ml
21) T n-Octatriacontane (C38)	20.800	1957028	23.979 ug/mlm
22) T n-Tetracontane (C40)	21.706	2058322	23.895 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 2 Sample Multiplier: 1

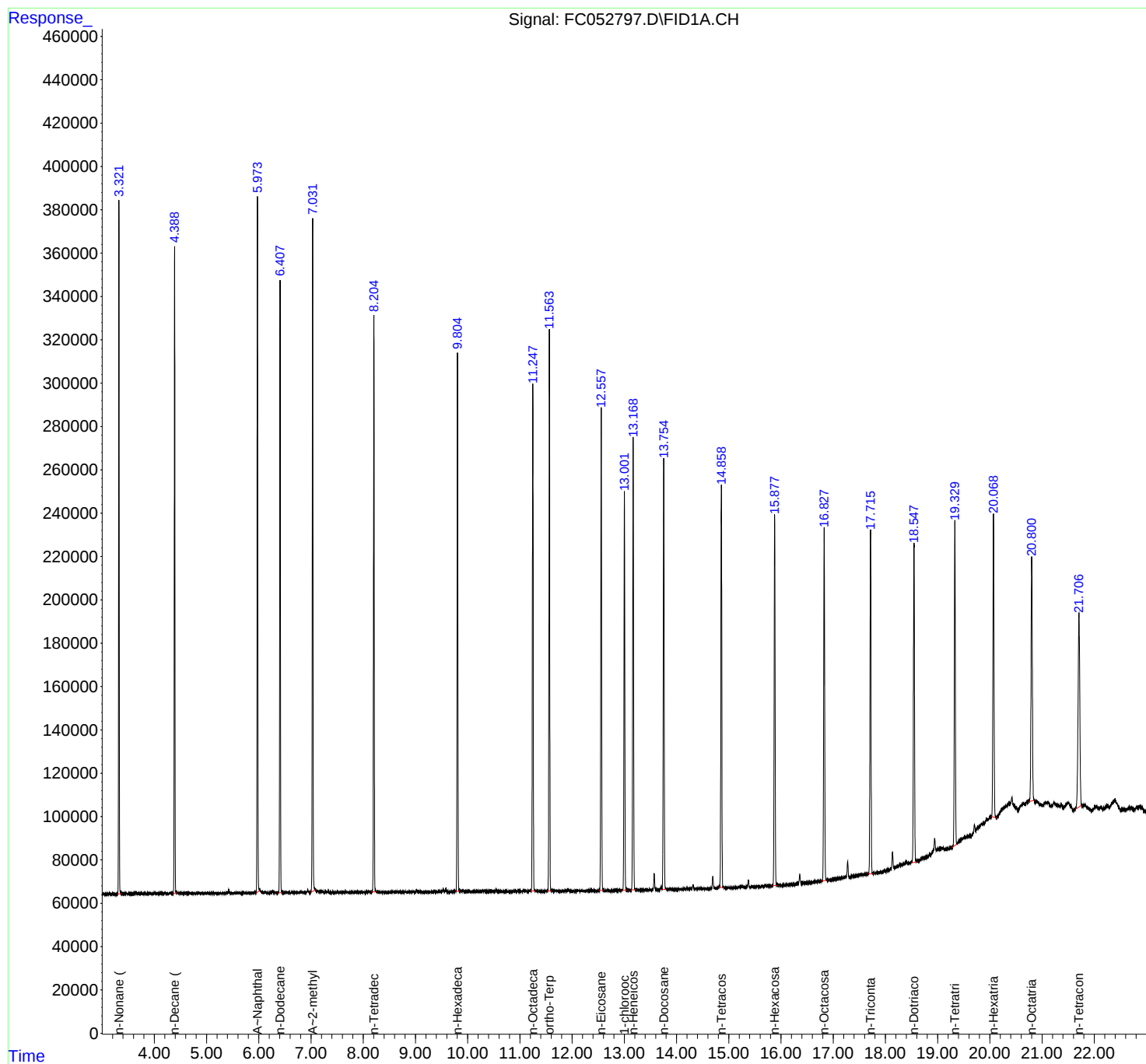
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

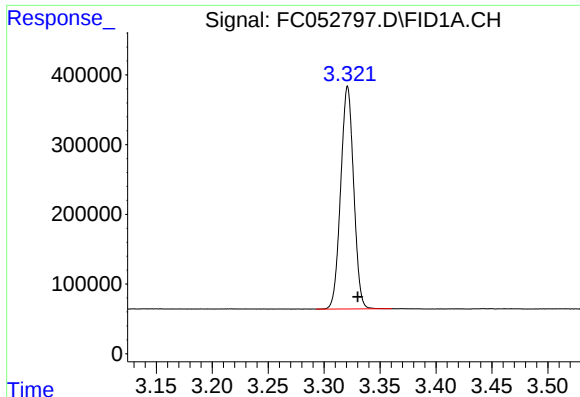
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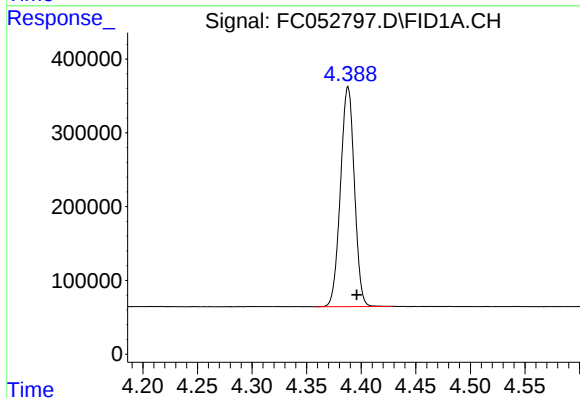
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: -0.009 min
Response: 2580109
Conc: 22.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

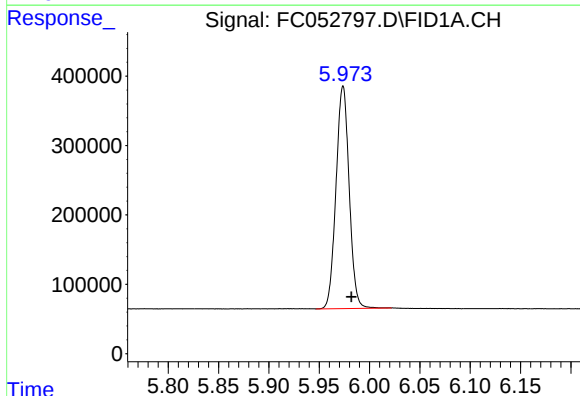
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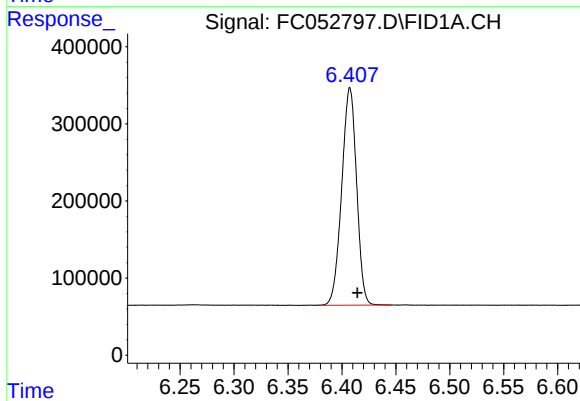
#2 n-Decane (C10)

R.T.: 4.388 min
Delta R.T.: -0.008 min
Response: 2647088
Conc: 22.59 ug/ml



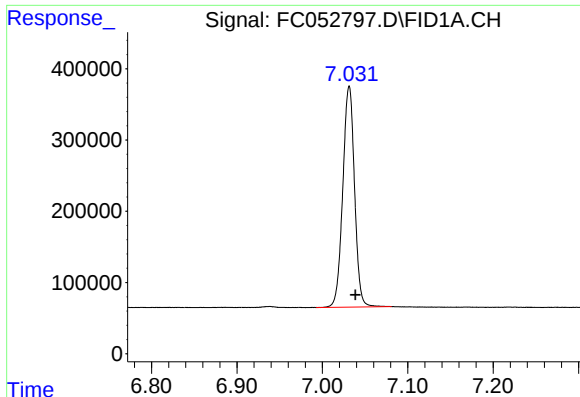
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.008 min
Response: 2919100
Conc: 22.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.408 min
Delta R.T.: -0.007 min
Response: 2709107
Conc: 22.56 ug/ml



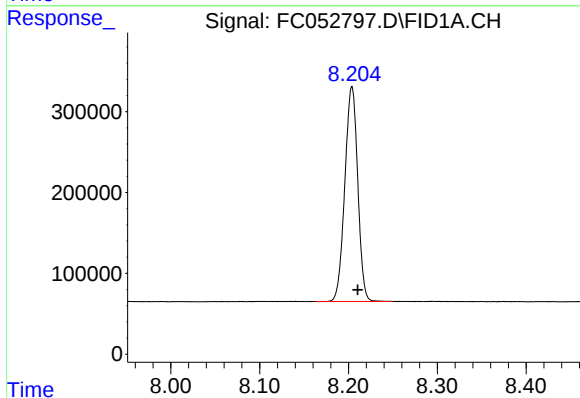
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.007 min
Response: 2967040
Conc: 22.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

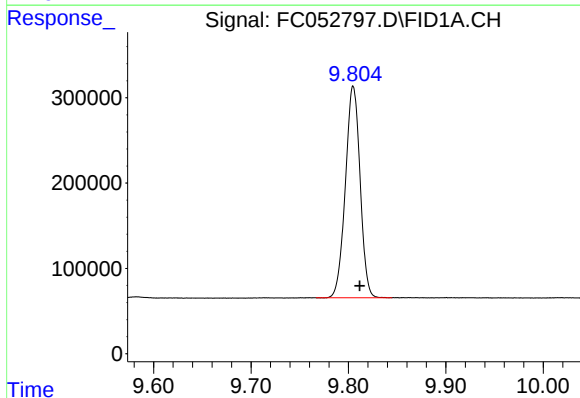
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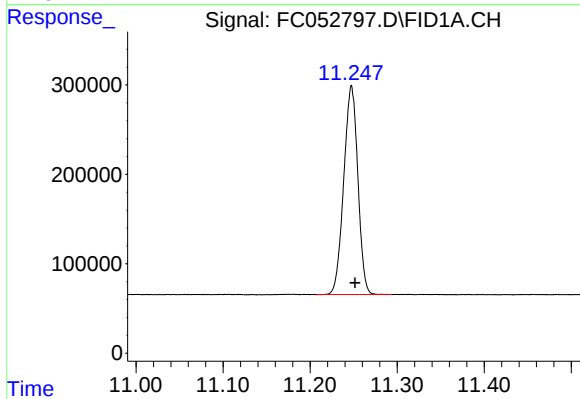
#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: -0.007 min
Response: 2687687
Conc: 22.22 ug/ml



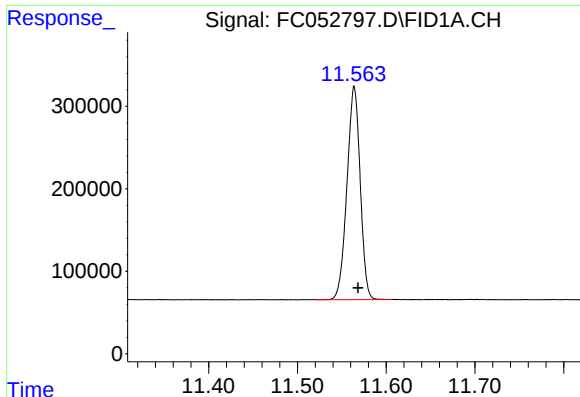
#7 n-Hexadecane (C16)

R.T.: 9.805 min
Delta R.T.: -0.007 min
Response: 2599890
Conc: 21.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.248 min
Delta R.T.: -0.004 min
Response: 2628728
Conc: 20.83 ug/ml



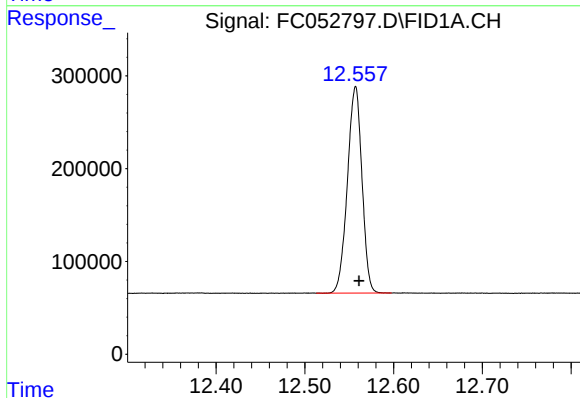
#9 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.004 min
Response: 2675711
Conc: 19.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

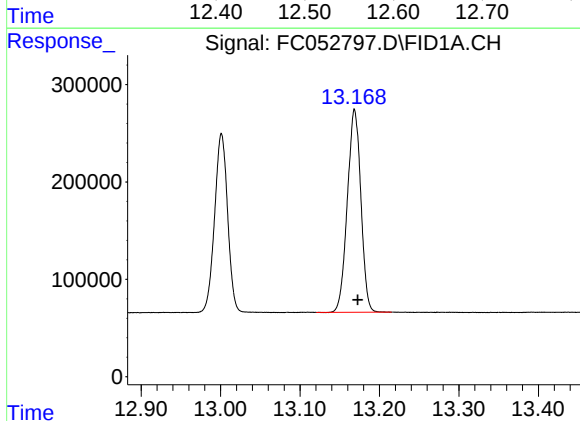
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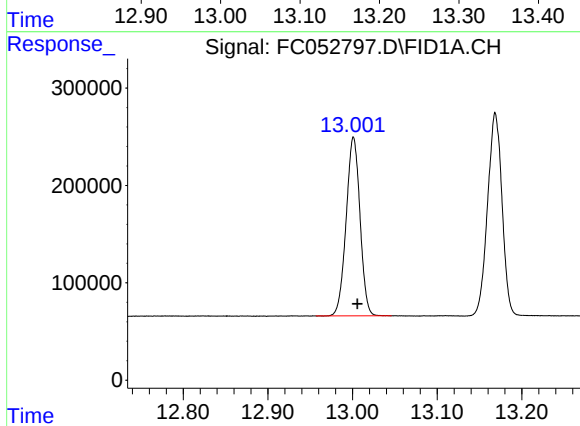
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: -0.004 min
Response: 2534004
Conc: 19.84 ug/ml



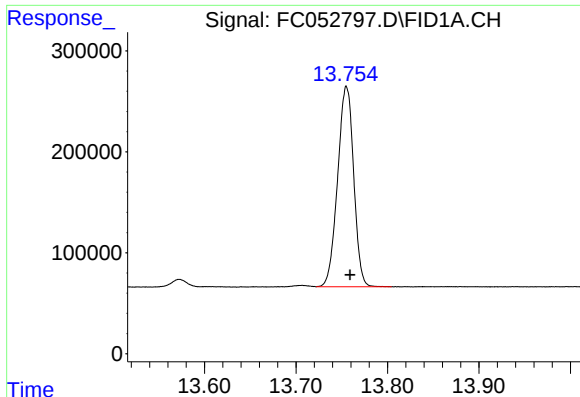
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.004 min
Response: 2466889
Conc: 19.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.001 min
Delta R.T.: -0.005 min
Response: 2087832
Conc: 19.36 ug/ml



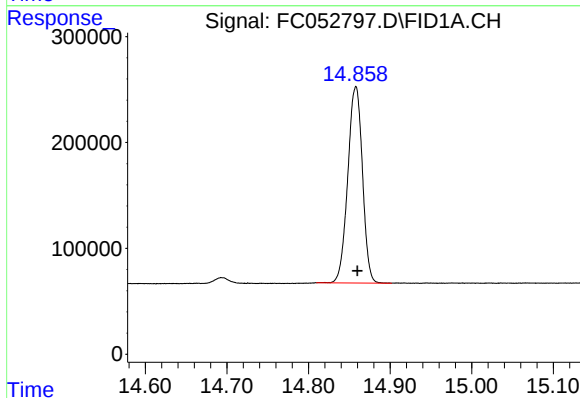
#13 n-Docosane (C22)

R.T.: 13.755 min
Delta R.T.: -0.004 min
Response: 2420787
Conc: 19.11 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

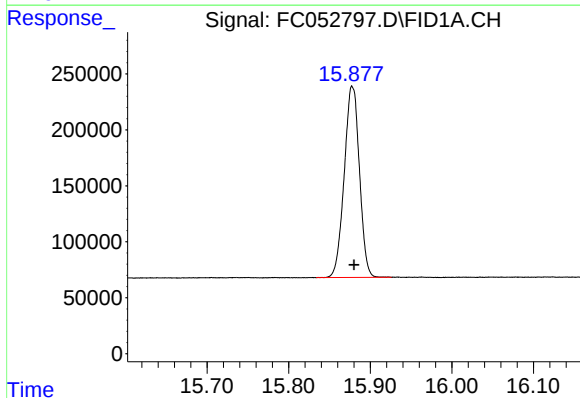
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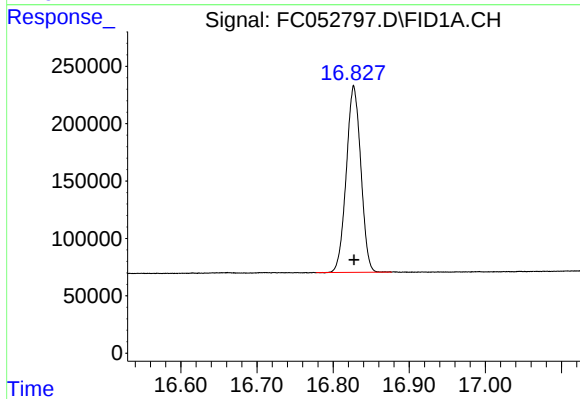
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.002 min
Response: 2315167
Conc: 18.53 ug/ml



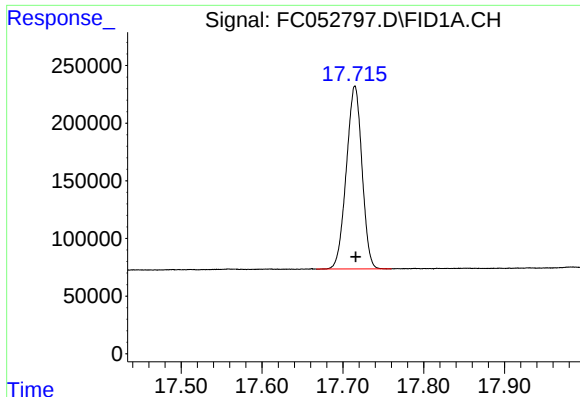
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.002 min
Response: 2213189
Conc: 18.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: 0.000 min
Response: 2155833
Conc: 18.70 ug/ml



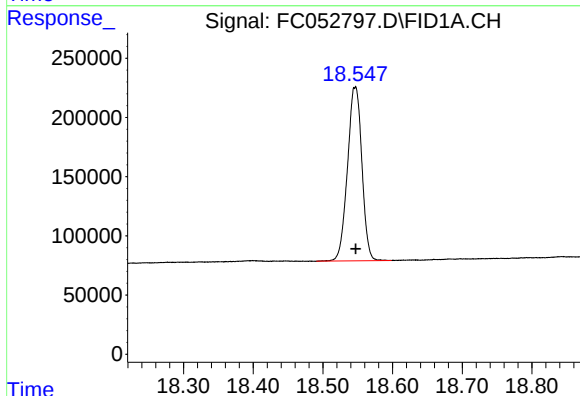
#17 n-Tricontane (C30)

R.T.: 17.715 min
Delta R.T.: 0.000 min
Response: 2133367
Conc: 19.58 ug/ml

Instrument :
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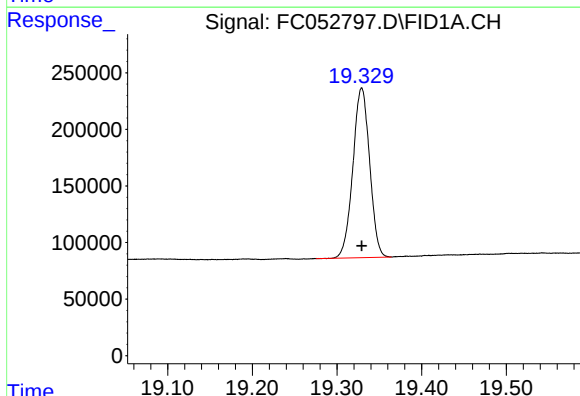
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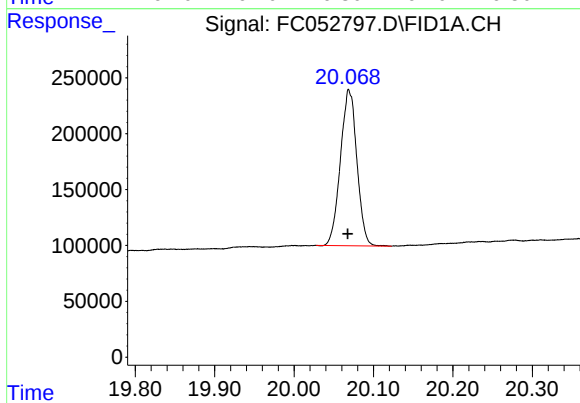
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: 0.000 min
Response: 2108296
Conc: 21.01 ug/ml



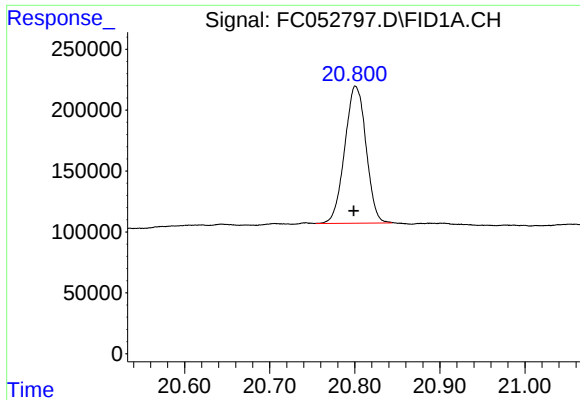
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.000 min
Response: 2061163
Conc: 22.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: 0.001 min
Response: 2011990
Conc: 22.06 ug/ml



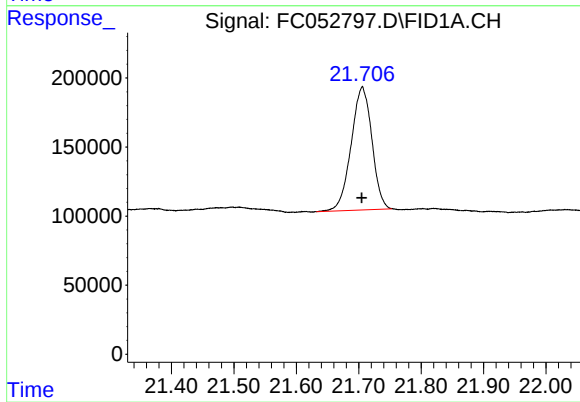
#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.000 min
Response: 1957028
Conc: 23.98 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.706 min
Delta R.T.: 0.000 min
Response: 2058322
Conc: 23.90 ug/ml m