

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110320AL\
 Data File : FC050558.D
 Signal(s) : FID1A.CH
 Acq On : 04 Nov 2020 14:12
 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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 11/4/2020 3:49:23 PM

Integration File: autoint1.e
 Quant Time: Nov 04 14:48:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 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)	11.615	2516203	20.486 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
12) S 1-chlorooctadecane (S...	13.048	1983694	20.546 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
Target Compounds			
1) T n-Nonane (C9)	3.367	2172906	20.421 ug/ml
2) T n-Decane (C10)	4.436	2181322	20.511 ug/ml
3) T A~Naphthalene (C11.7)	6.028	2376635	20.638 ug/ml
4) T n-Dodecane (C12)	6.456	2229364	20.561 ug/ml
5) T A~2-methylnaphthalene...	7.085	2415252	21.052 ug/ml
6) T n-Tetradecane (C14)	8.252	2224244	20.622 ug/ml
7) T n-Hexadecane (C16)	9.854	2208360	20.745 ug/ml
8) T n-Octadecane (C18)	11.295	2319463	20.619 ug/ml
10) T n-Eicosane (C20)	12.603	2346831	20.562 ug/ml
11) T n-Heneicosane (C21)	13.215	2344916	20.555 ug/ml
13) T n-Docosane (C22)	13.801	2336916	20.477 ug/ml
14) T n-Tetracosane (C24)	14.902	2317269	20.291 ug/ml
15) T n-Hexacosane (C26)	15.922	2246234	19.811 ug/ml
16) T n-Octacosane (C28)	16.871	2170367	19.127 ug/ml
17) T n-Tricontane (C30)	17.756	2051150	18.449 ug/ml
18) T n-Dotriacontane (C32)	18.587	1870317	18.129 ug/ml
19) T n-Tetratriacontane (C34)	19.370	1684767	17.509 ug/ml
20) T n-Hexatriacontane (C36)	20.106	1629313	18.135 ug/mlm
21) T n-Octatriacontane (C38)	20.849	1446678	17.399 ug/mlm
22) T n-Tetracontane (C40)	21.774	1603904	19.167 ug/mlm

(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

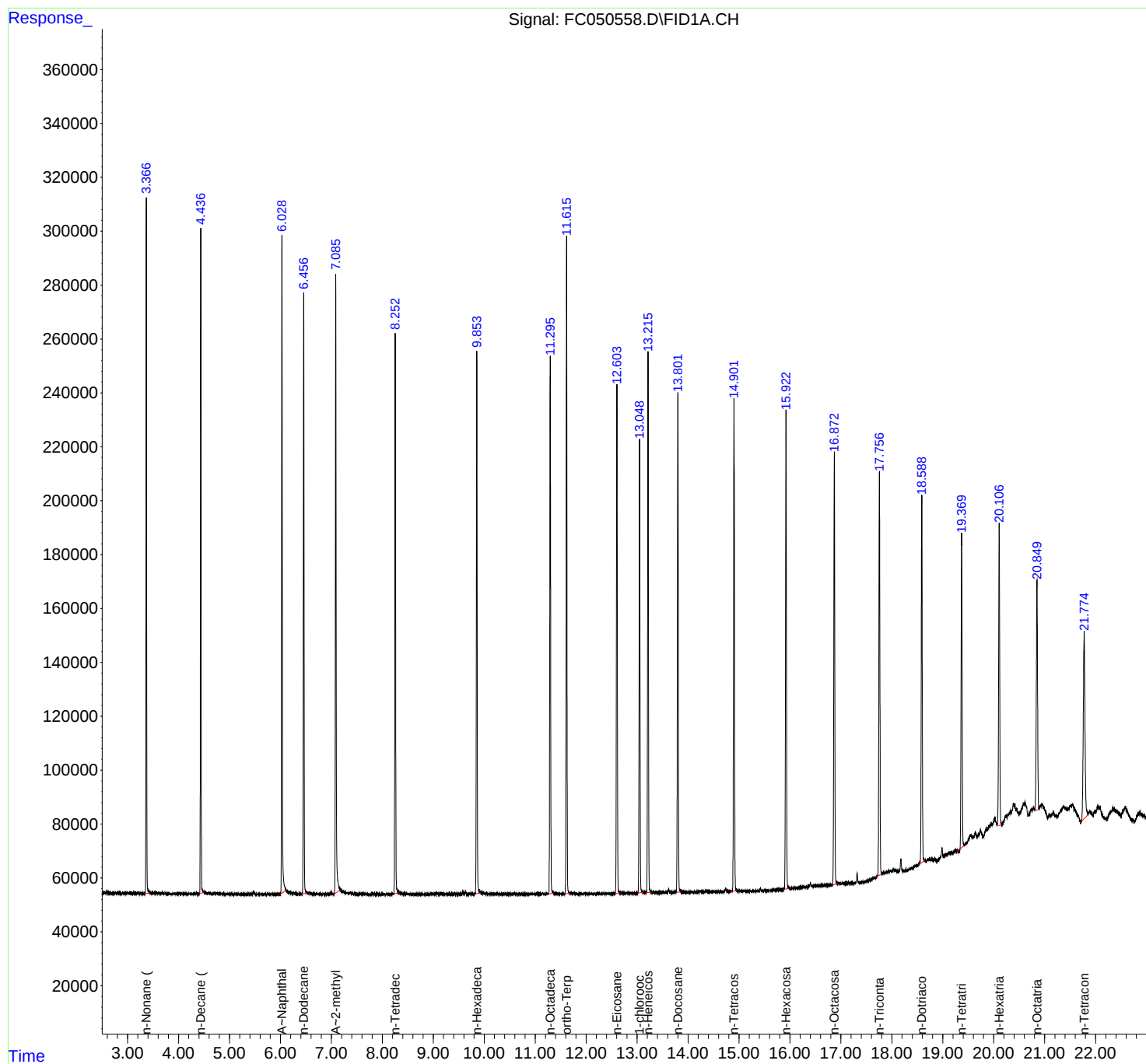
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

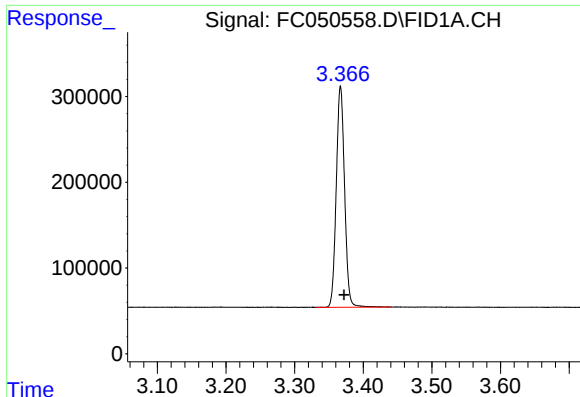
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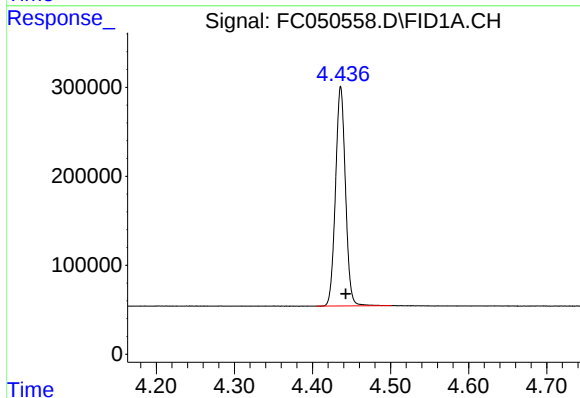
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: -0.005 min
Response: 2172906
Conc: 20.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

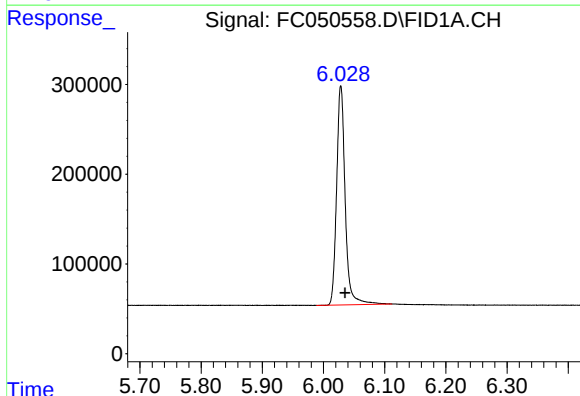
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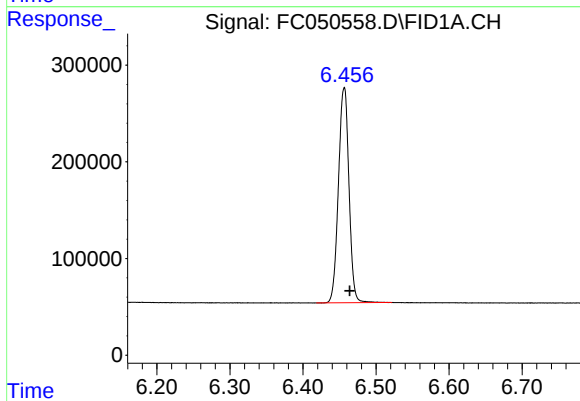
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: -0.006 min
Response: 2181322
Conc: 20.51 ug/ml



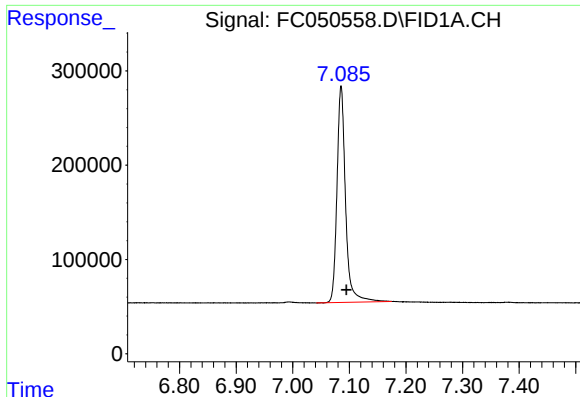
#3 A~Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: -0.007 min
Response: 2376635
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.456 min
Delta R.T.: -0.008 min
Response: 2229364
Conc: 20.56 ug/ml



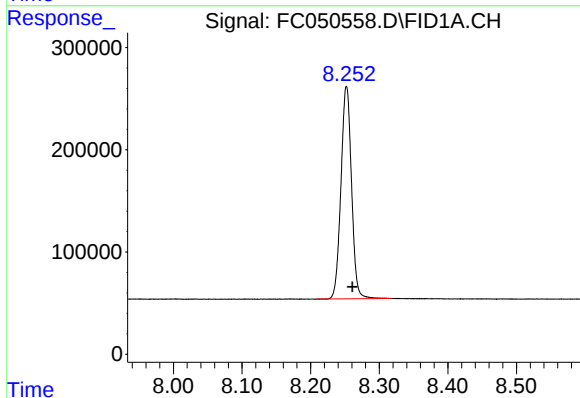
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.009 min
Response: 2415252
Conc: 21.05 ug/ml

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20 PPM ALIPHATIC HC STD

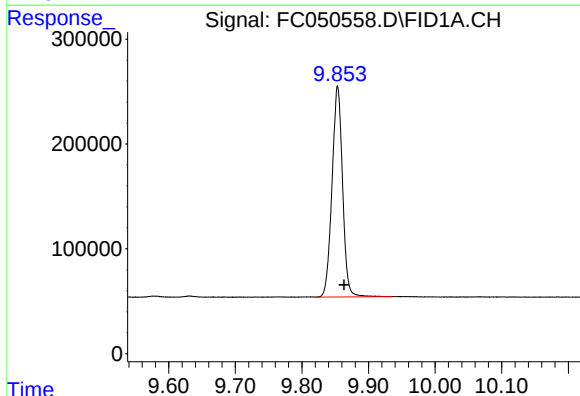
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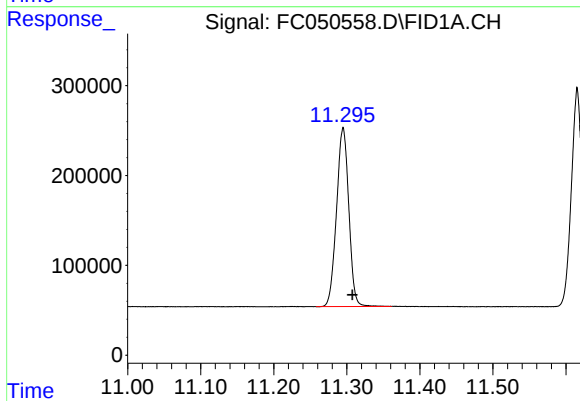
#6 n-Tetradecane (C14)

R.T.: 8.252 min
Delta R.T.: -0.009 min
Response: 2224244
Conc: 20.62 ug/ml



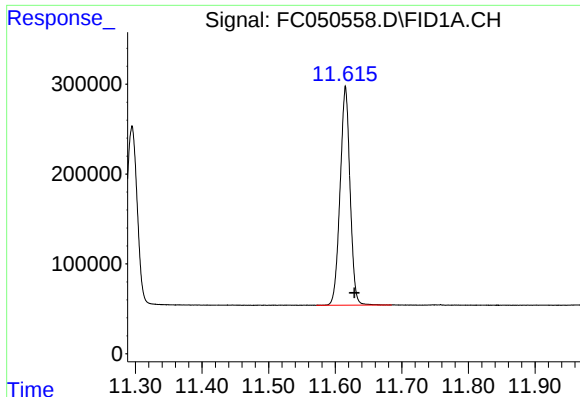
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: -0.009 min
Response: 2208360
Conc: 20.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.295 min
Delta R.T.: -0.013 min
Response: 2319463
Conc: 20.62 ug/ml



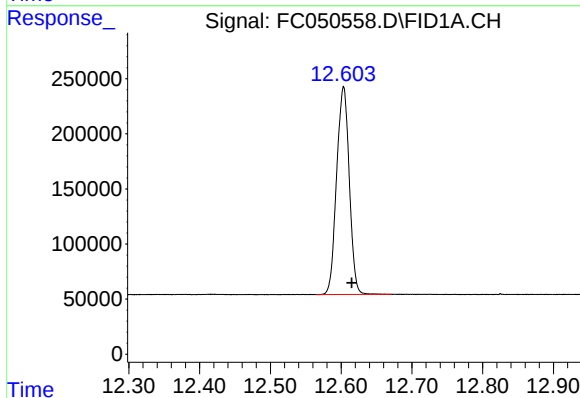
#9 ortho-Terphenyl (SURR)

R.T.: 11.615 min
Delta R.T.: -0.014 min
Response: 2516203
Conc: 20.49 ug/ml

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20 PPM ALIPHATIC HC STD

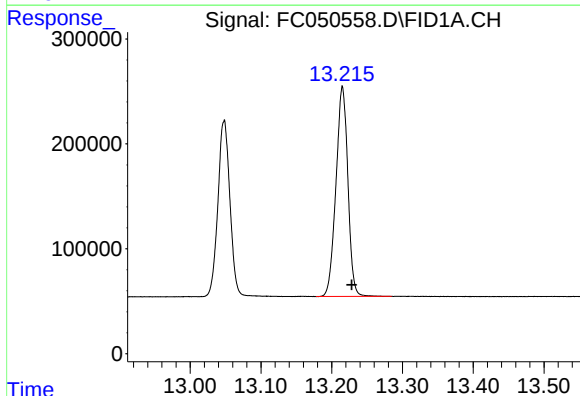
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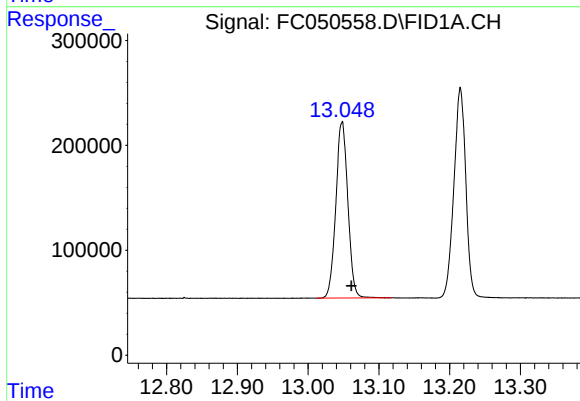
#10 n-Eicosane (C20)

R.T.: 12.603 min
Delta R.T.: -0.012 min
Response: 2346831
Conc: 20.56 ug/ml



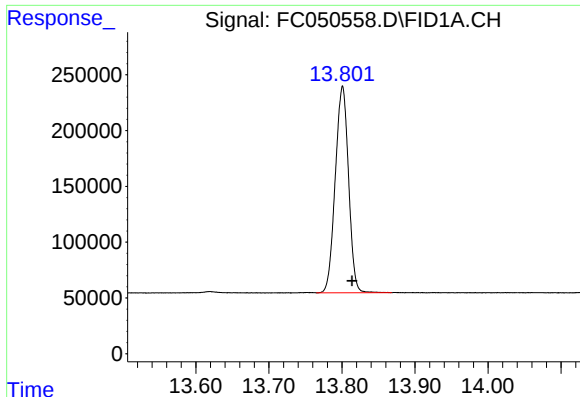
#11 n-Heneicosane (C21)

R.T.: 13.215 min
Delta R.T.: -0.013 min
Response: 2344916
Conc: 20.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.048 min
Delta R.T.: -0.013 min
Response: 1983694
Conc: 20.55 ug/ml



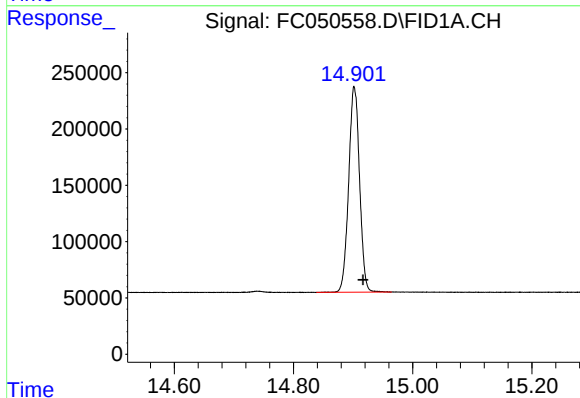
#13 n-Docosane (C22)

R.T.: 13.801 min
Delta R.T.: -0.013 min
Response: 2336916
Conc: 20.48 ug/ml

Instrument :
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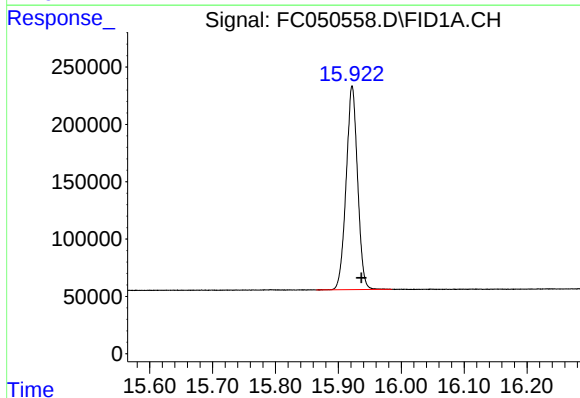
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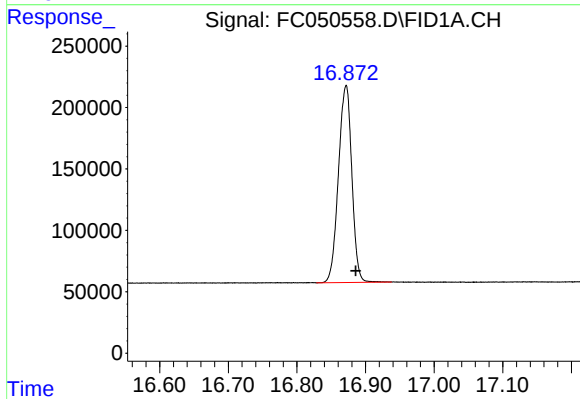
#14 n-Tetracosane (C24)

R.T.: 14.902 min
Delta R.T.: -0.014 min
Response: 2317269
Conc: 20.29 ug/ml



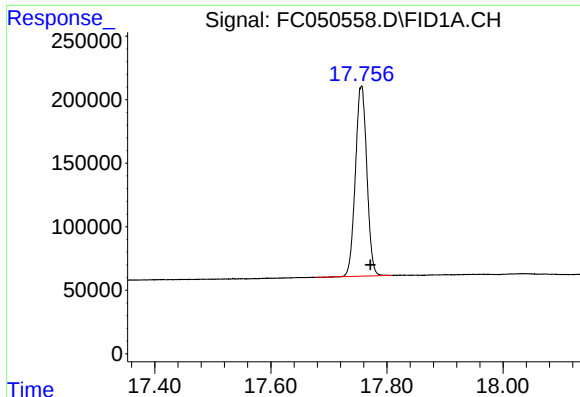
#15 n-Hexacosane (C26)

R.T.: 15.922 min
Delta R.T.: -0.015 min
Response: 2246234
Conc: 19.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.871 min
Delta R.T.: -0.014 min
Response: 2170367
Conc: 19.13 ug/ml



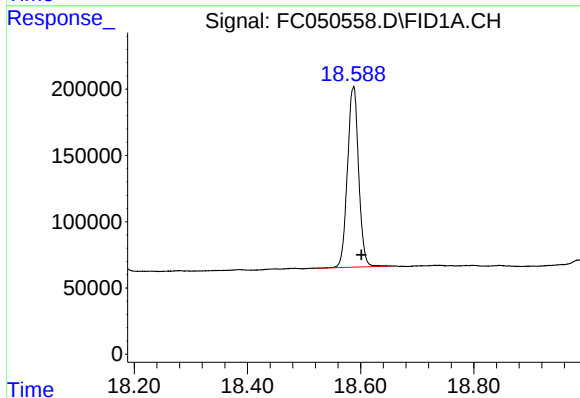
#17 n-Tricontane (C30)

R.T.: 17.756 min
Delta R.T.: -0.016 min
Response: 2051150
Conc: 18.45 ug/ml

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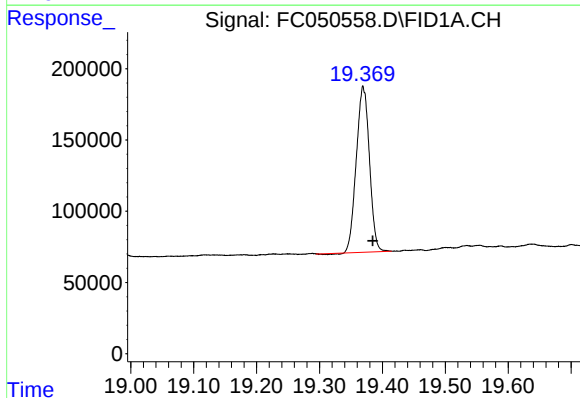
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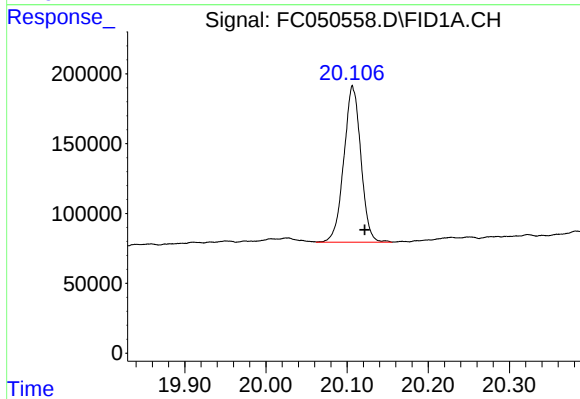
#18 n-Dotriacontane (C32)

R.T.: 18.587 min
Delta R.T.: -0.014 min
Response: 1870317
Conc: 18.13 ug/ml



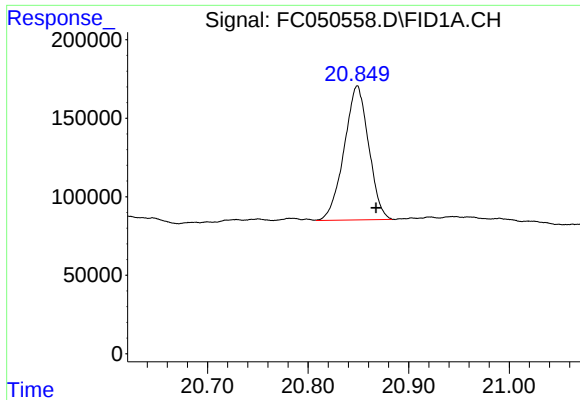
#19 n-Tetratriacontane (C34)

R.T.: 19.370 min
Delta R.T.: -0.015 min
Response: 1684767
Conc: 17.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.106 min
Delta R.T.: -0.016 min
Response: 1629313
Conc: 18.14 ug/ml m



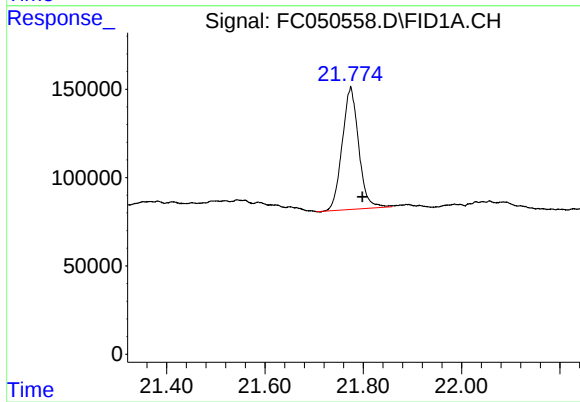
#21 n-Octatriacontane (C38)

R.T.: 20.849 min
Delta R.T.: -0.019 min
Response: 1446678
Conc: 17.40 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.774 min
Delta R.T.: -0.024 min
Response: 1603904
Conc: 19.17 ug/ml m