

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101520AL\
 Data File : FC050123.D
 Signal(s) : FID1A.CH
 Acq On : 15 Oct 2020 12:28
 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 11:55:02 AM

Integration File: autoint1.e
 Quant Time: Oct 16 03:27:21 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	2296842	20.491 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
12) S 1-chlorooctadecane (S...	13.067	1767856	20.408 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
Target Compounds			
1) T n-Nonane (C9)	3.378	2140201	21.597 ug/ml
2) T n-Decane (C10)	4.449	2159466	21.690 ug/ml
3) T A~Naphthalene (C11.7)	6.043	2362141	21.432 ug/ml
4) T n-Dodecane (C12)	6.471	2184250	21.647 ug/ml
5) T A~2-methylnaphthalene...	7.101	2375599	21.343 ug/ml
6) T n-Tetradecane (C14)	8.268	2157308	21.534 ug/ml
7) T n-Hexadecane (C16)	9.869	2096478	21.272 ug/ml
8) T n-Octadecane (C18)	11.311	2174554	21.056 ug/ml
10) T n-Eicosane (C20)	12.621	2159366	20.752 ug/ml
11) T n-Heneicosane (C21)	13.233	2132199	20.519 ug/ml
13) T n-Docosane (C22)	13.818	2116880	20.393 ug/ml
14) T n-Tetracosane (C24)	14.921	2080630	20.031 ug/ml
15) T n-Hexacosane (C26)	15.942	2021999	19.622 ug/ml
16) T n-Octacosane (C28)	16.889	2001983	19.344 ug/ml
17) T n-Tricontane (C30)	17.776	1991519	19.515 ug/ml
18) T n-Dotriacontane (C32)	18.606	1890893	19.683 ug/mlm
19) T n-Tetratriacontane (C34)	19.388	1791747	19.534 ug/mlm
20) T n-Hexatriacontane (C36)	20.128	1738820	19.631 ug/mlm
21) T n-Octatriacontane (C38)	20.875	1646929	19.973 ug/ml
22) T n-Tetracontane (C40)	21.807	1665205	19.914 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

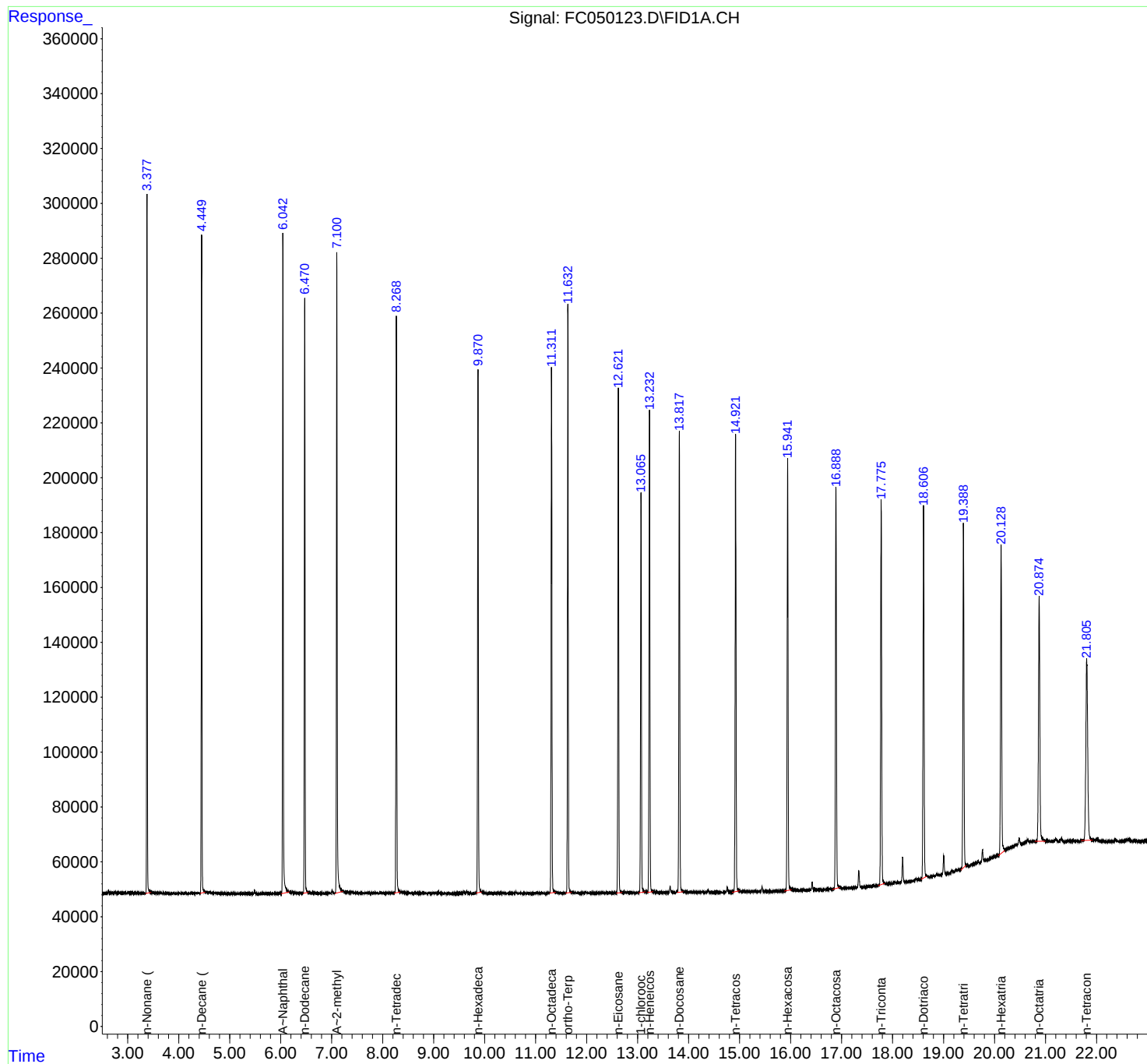
Instrument :
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20 PPM ALIPHATIC HC STD

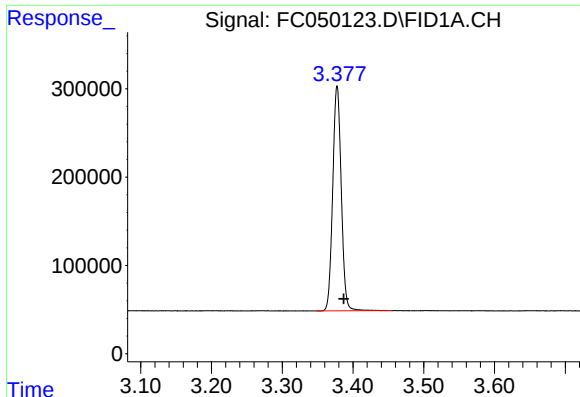
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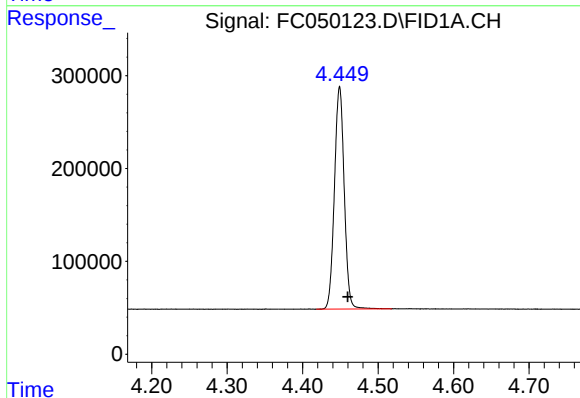
#1 n-Nonane (C9)

R.T.: 3.378 min
Delta R.T.: -0.009 min
Response: 2140201
Conc: 21.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

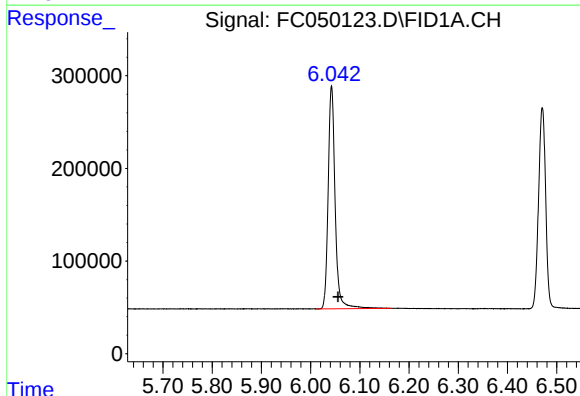
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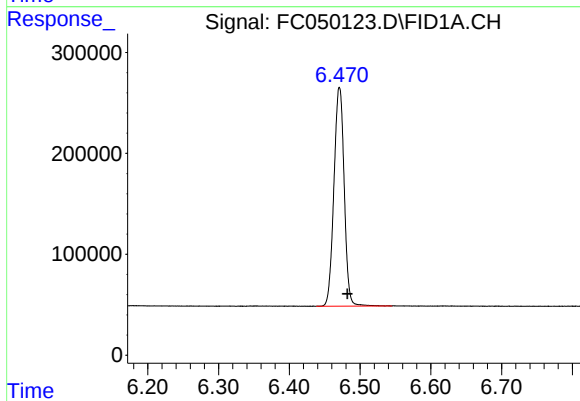
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: -0.011 min
Response: 2159466
Conc: 21.69 ug/ml



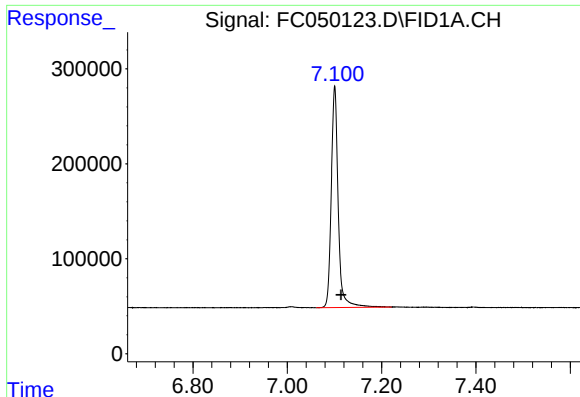
#3 A~Naphthalene (C11.7)

R.T.: 6.043 min
Delta R.T.: -0.014 min
Response: 2362141
Conc: 21.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.471 min
Delta R.T.: -0.011 min
Response: 2184250
Conc: 21.65 ug/ml



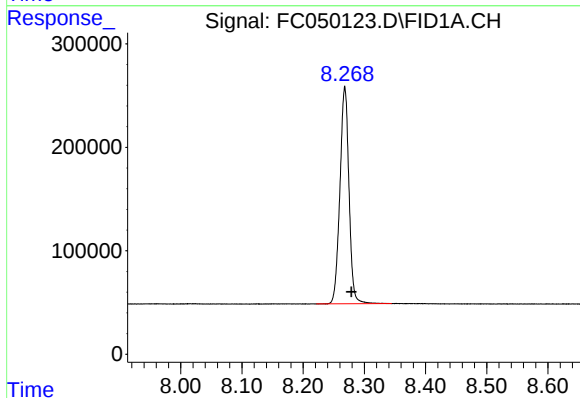
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.101 min
Delta R.T.: -0.014 min
Response: 2375599
Conc: 21.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

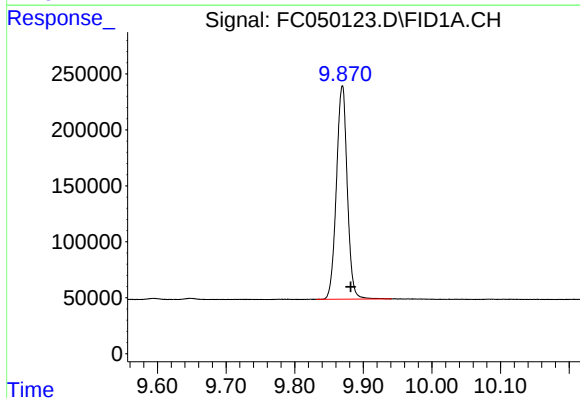
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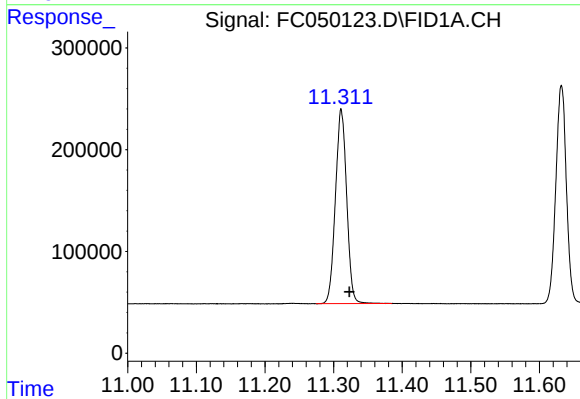
#6 n-Tetradecane (C14)

R.T.: 8.268 min
Delta R.T.: -0.011 min
Response: 2157308
Conc: 21.53 ug/ml



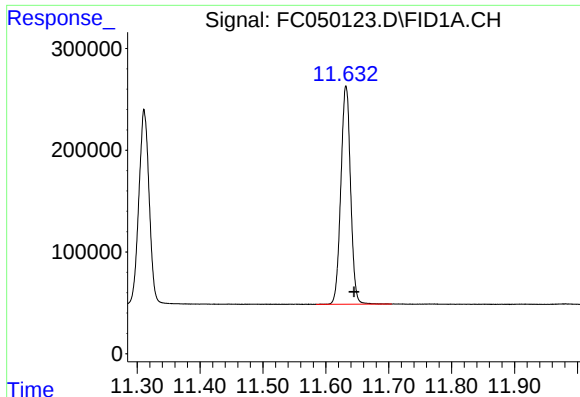
#7 n-Hexadecane (C16)

R.T.: 9.869 min
Delta R.T.: -0.012 min
Response: 2096478
Conc: 21.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.311 min
Delta R.T.: -0.012 min
Response: 2174554
Conc: 21.06 ug/ml



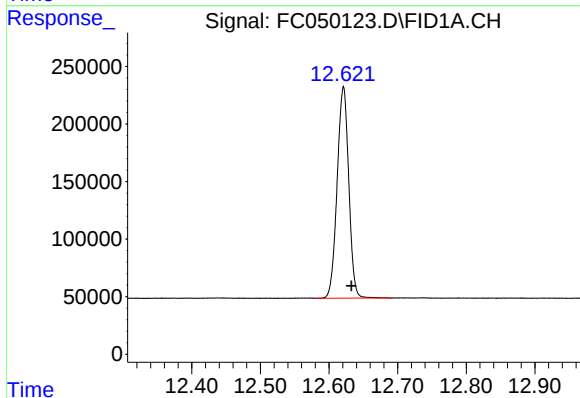
#9 ortho-Terphenyl (SURR)

R.T.: 11.632 min
Delta R.T.: -0.013 min
Response: 2296842
Conc: 20.49 ug/ml

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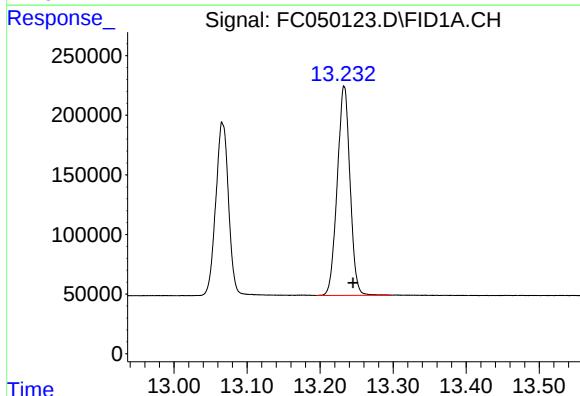
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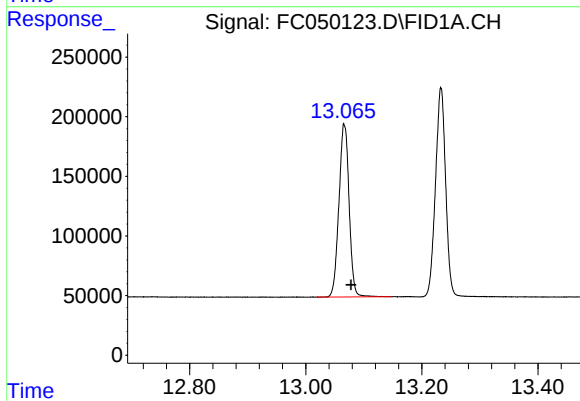
#10 n-Eicosane (C20)

R.T.: 12.621 min
Delta R.T.: -0.012 min
Response: 2159366
Conc: 20.75 ug/ml



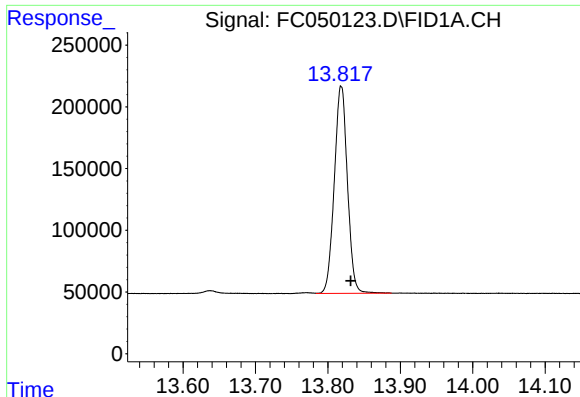
#11 n-Heneicosane (C21)

R.T.: 13.233 min
Delta R.T.: -0.012 min
Response: 2132199
Conc: 20.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.067 min
Delta R.T.: -0.012 min
Response: 1767856
Conc: 20.41 ug/ml



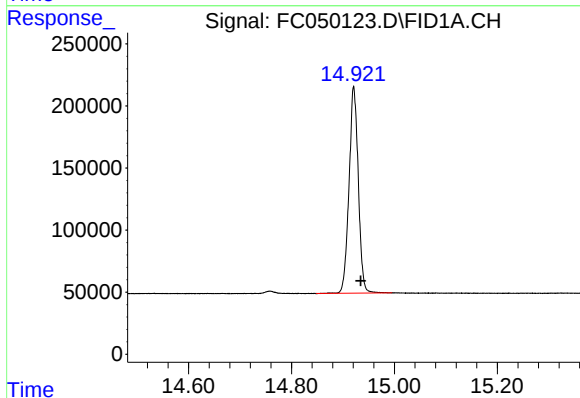
#13 n-Docosane (C22)

R.T.: 13.818 min
Delta R.T.: -0.013 min
Response: 2116880
Conc: 20.39 ug/ml

Instrument :
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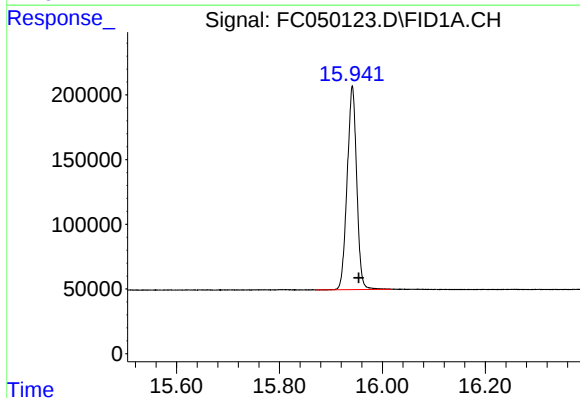
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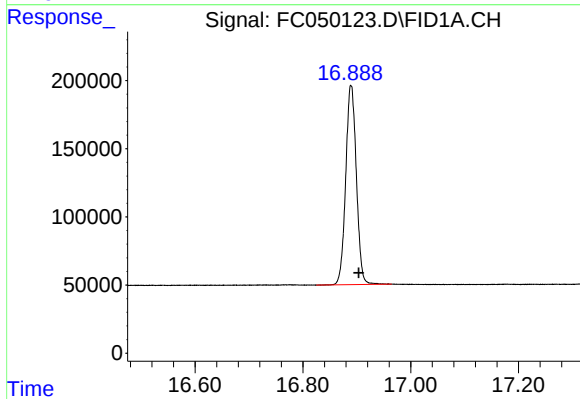
#14 n-Tetracosane (C24)

R.T.: 14.921 min
Delta R.T.: -0.013 min
Response: 2080630
Conc: 20.03 ug/ml



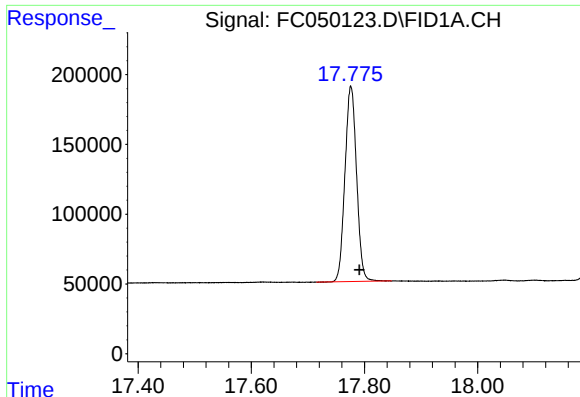
#15 n-Hexacosane (C26)

R.T.: 15.942 min
Delta R.T.: -0.012 min
Response: 2021999
Conc: 19.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.889 min
Delta R.T.: -0.014 min
Response: 2001983
Conc: 19.34 ug/ml



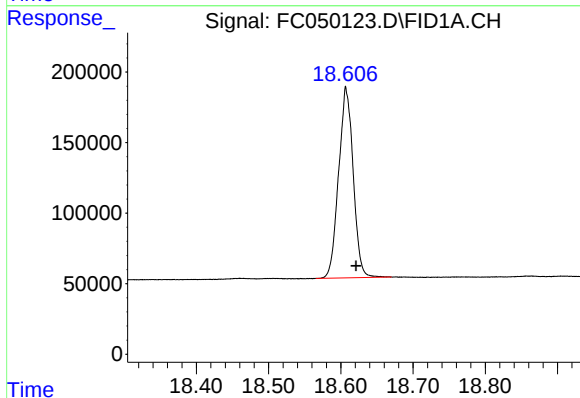
#17 n-Tricontane (C30)

R.T.: 17.776 min
Delta R.T.: -0.015 min
Response: 1991519
Conc: 19.52 ug/ml

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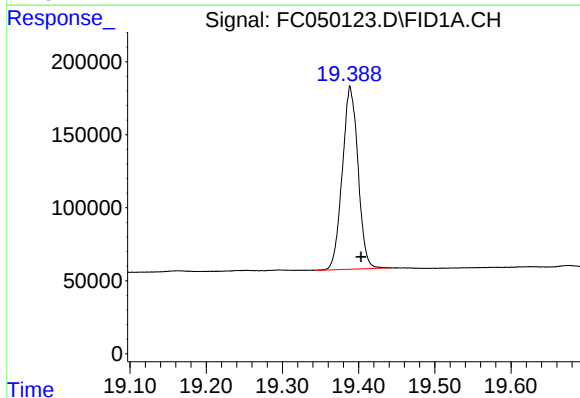
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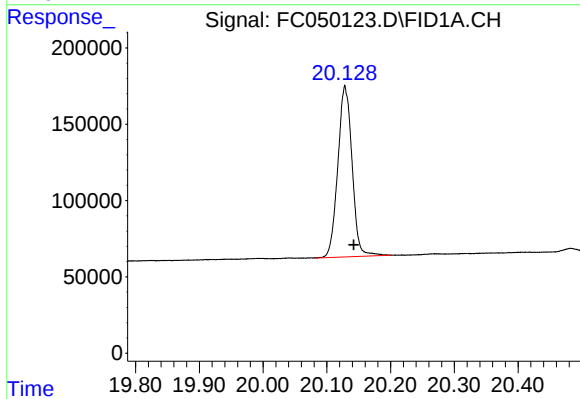
#18 n-Dotriacontane (C32)

R.T.: 18.606 min
Delta R.T.: -0.015 min
Response: 1890893
Conc: 19.68 ug/ml m



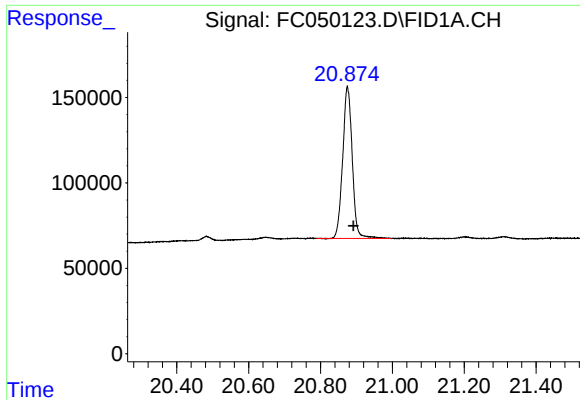
#19 n-Tetratriacontane (C34)

R.T.: 19.388 min
Delta R.T.: -0.015 min
Response: 1791747
Conc: 19.53 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.128 min
Delta R.T.: -0.014 min
Response: 1738820
Conc: 19.63 ug/ml m



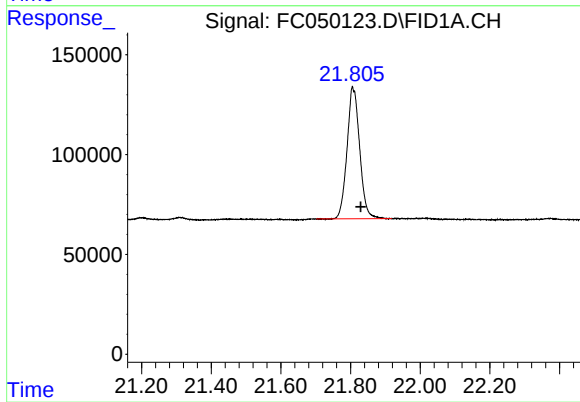
#21 n-Octatriacontane (C38)

R.T.: 20.875 min
Delta R.T.: -0.016 min
Response: 1646929
Conc: 19.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.807 min
Delta R.T.: -0.022 min
Response: 1665205
Conc: 19.91 ug/ml