

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121420AL\
 Data File : FC051276.D
 Signal(s) : FID1A.CH
 Acq On : 14 Dec 2020 9:39
 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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 12/15/2020 1:07:45 PM

Integration File: autoint1.e
 Quant Time: Dec 15 02:45:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.584	2184960	17.758 ug/ml
Spiked Amount 50.000		Recovery =	35.52%
12) S 1-chlorooctadecane (S...	13.018	1689853	17.323 ug/ml
Spiked Amount 50.000		Recovery =	34.65%
Target Compounds			
1) T n-Nonane (C9)	3.338	2124280	19.961 ug/ml
2) T n-Decane (C10)	4.406	2138359	20.134 ug/ml
3) T A~Naphthalene (C11.7)	5.999	2235617	19.885 ug/ml
4) T n-Dodecane (C12)	6.425	2178954	20.026 ug/ml
5) T A~2-methylnaphthalene...	7.057	2241799	19.836 ug/ml
6) T n-Tetradecane (C14)	8.221	2157954	19.944 ug/ml
7) T n-Hexadecane (C16)	9.822	2085391	19.433 ug/ml
8) T n-Octadecane (C18)	11.263	2121218	18.598 ug/ml
10) T n-Eicosane (C20)	12.572	2069075	17.811 ug/ml
11) T n-Heneicosane (C21)	13.184	2029694	17.518 ug/ml
13) T n-Docosane (C22)	13.769	2014185	17.390 ug/ml
14) T n-Tetracosane (C24)	14.873	1969959	17.129 ug/ml
15) T n-Hexacosane (C26)	15.893	1926921	17.114 ug/ml
16) T n-Octacosane (C28)	16.841	1952474	17.633 ug/ml
17) T n-Tricontane (C30)	17.728	1988803	18.722 ug/ml
18) T n-Dotriacontane (C32)	18.559	1919452	19.644 ug/mlm
19) T n-Tetratriacontane (C34)	19.340	1904225	21.336 ug/ml
20) T n-Hexatriacontane (C36)	20.080	1765478	21.168 ug/mlm
21) T n-Octatriacontane (C38)	20.817	1706412	21.912 ug/mlm
22) T n-Tetracontane (C40)	21.735	1506810	18.199 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 14 Dec 2020 9:39
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

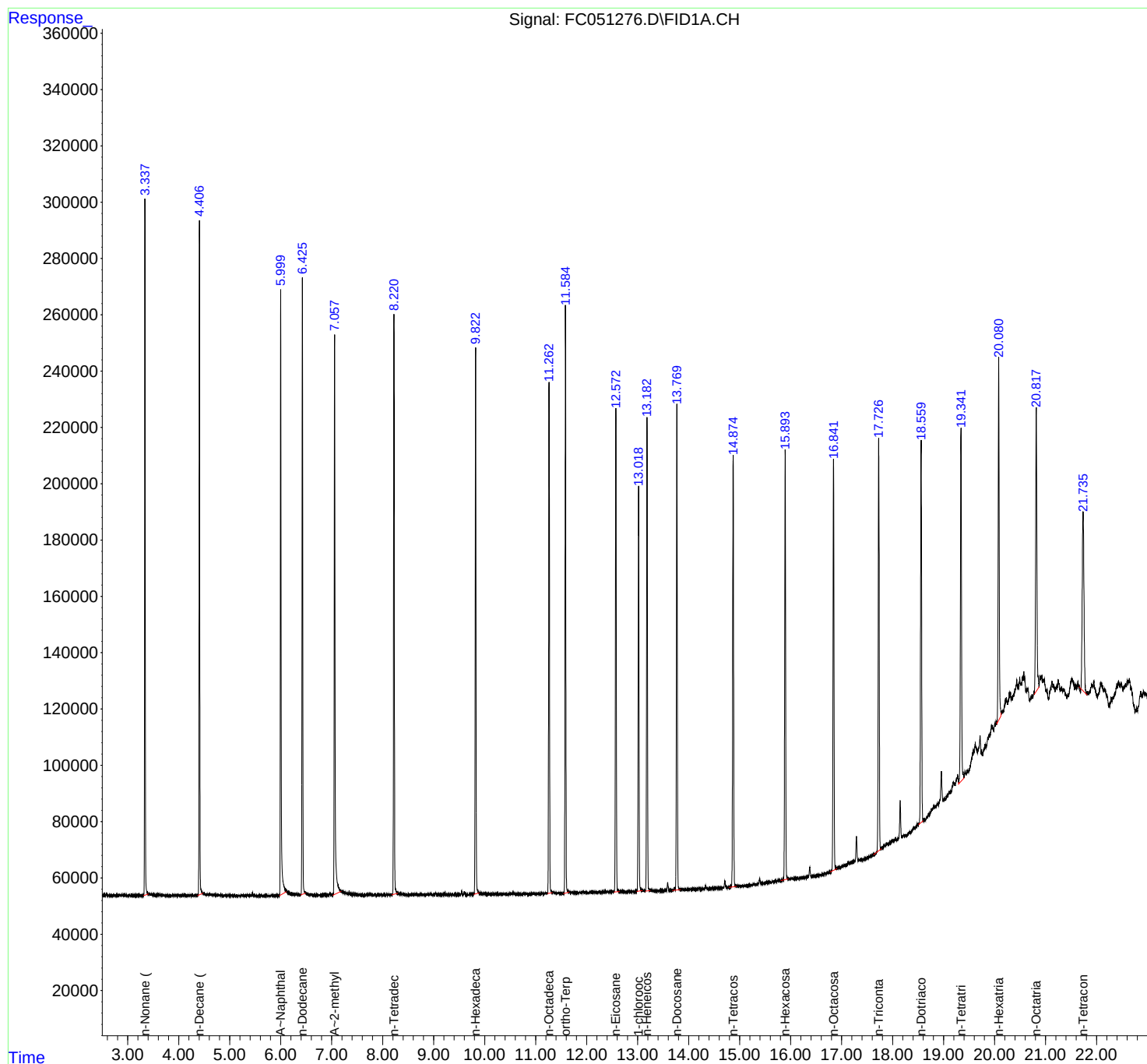
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

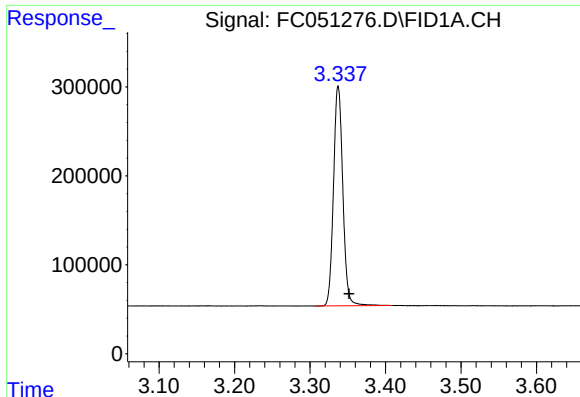
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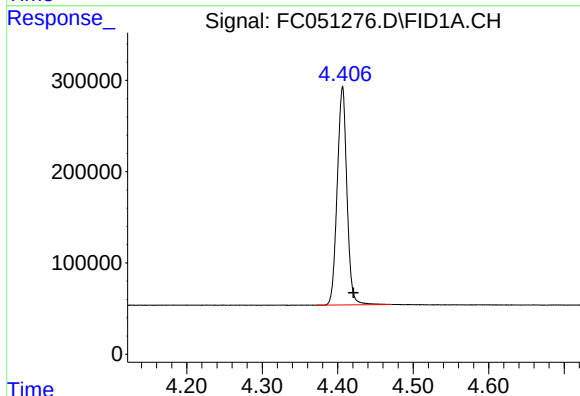
#1 n-Nonane (C9)

R.T.: 3.338 min
Delta R.T.: -0.014 min
Response: 2124280
Conc: 19.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

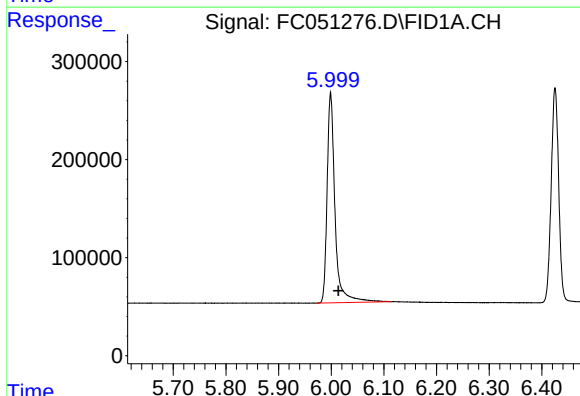
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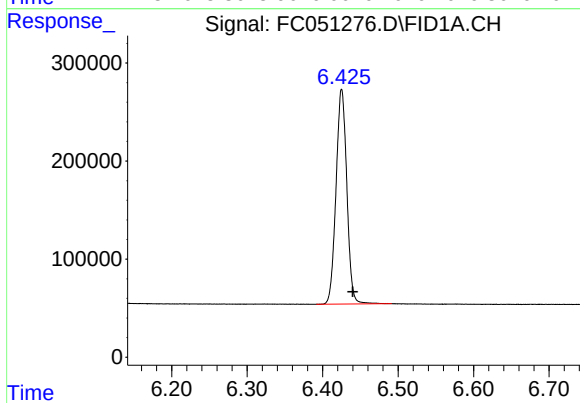
#2 n-Decane (C10)

R.T.: 4.406 min
Delta R.T.: -0.014 min
Response: 2138359
Conc: 20.13 ug/ml



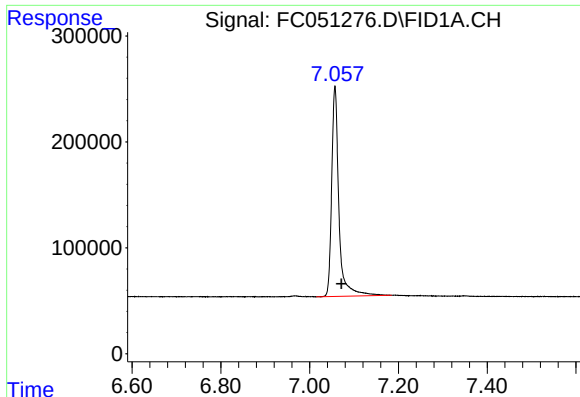
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: -0.014 min
Response: 2235617
Conc: 19.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: -0.015 min
Response: 2178954
Conc: 20.03 ug/ml



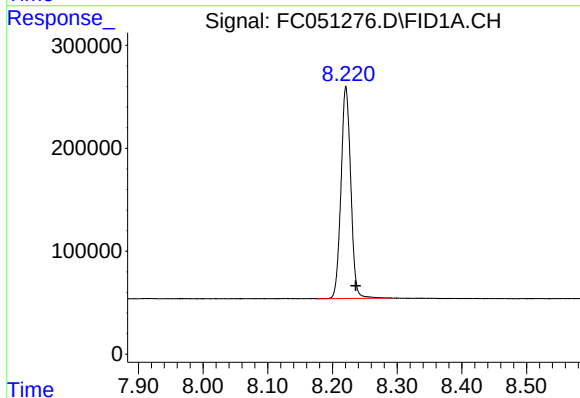
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: -0.014 min
Response: 2241799
Conc: 19.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

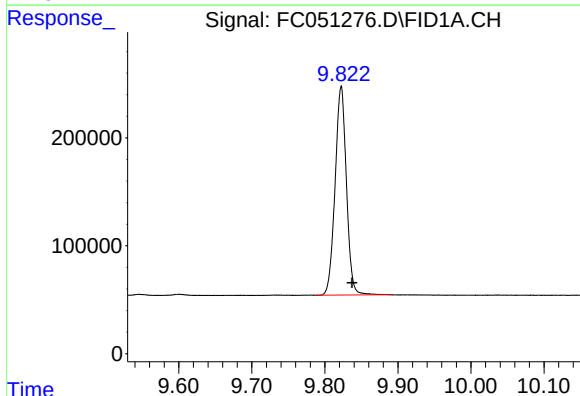
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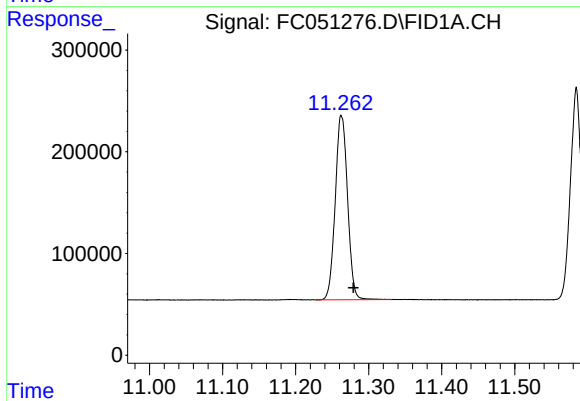
#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: -0.015 min
Response: 2157954
Conc: 19.94 ug/ml



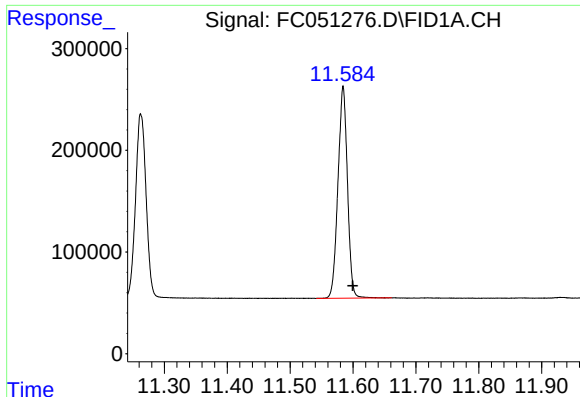
#7 n-Hexadecane (C16)

R.T.: 9.822 min
Delta R.T.: -0.015 min
Response: 2085391
Conc: 19.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.263 min
Delta R.T.: -0.016 min
Response: 2121218
Conc: 18.60 ug/ml



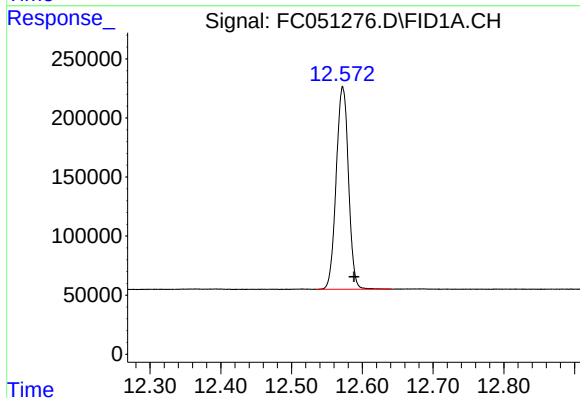
#9 ortho-Terphenyl (SURR)

R.T.: 11.584 min
Delta R.T.: -0.015 min
Response: 2184960
Conc: 17.76 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

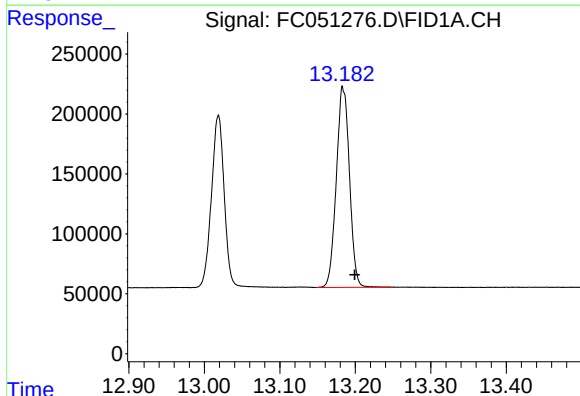
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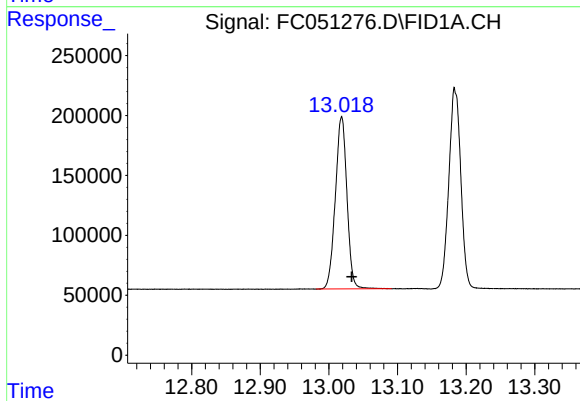
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: -0.016 min
Response: 2069075
Conc: 17.81 ug/ml



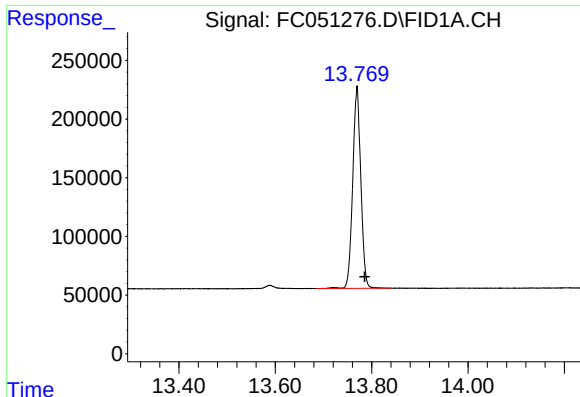
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: -0.015 min
Response: 2029694
Conc: 17.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.018 min
Delta R.T.: -0.015 min
Response: 1689853
Conc: 17.32 ug/ml



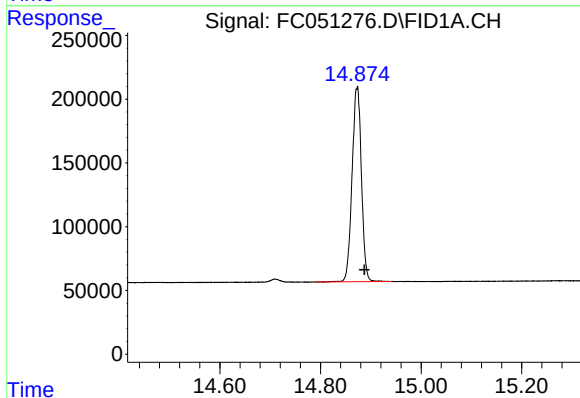
#13 n-Docosane (C22)

R.T.: 13.769 min
Delta R.T.: -0.016 min
Response: 2014185
Conc: 17.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

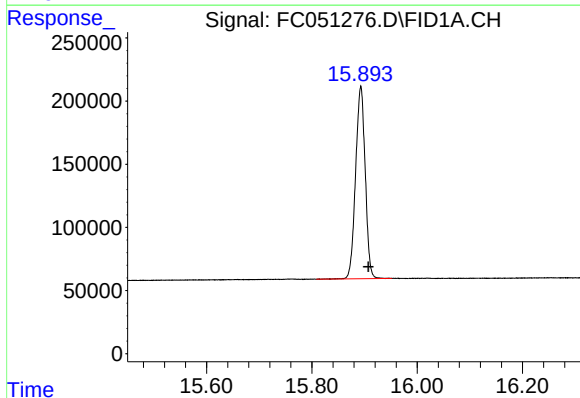
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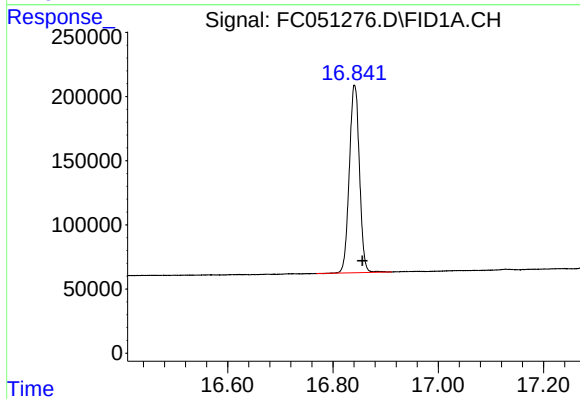
#14 n-Tetracosane (C24)

R.T.: 14.873 min
Delta R.T.: -0.014 min
Response: 1969959
Conc: 17.13 ug/ml



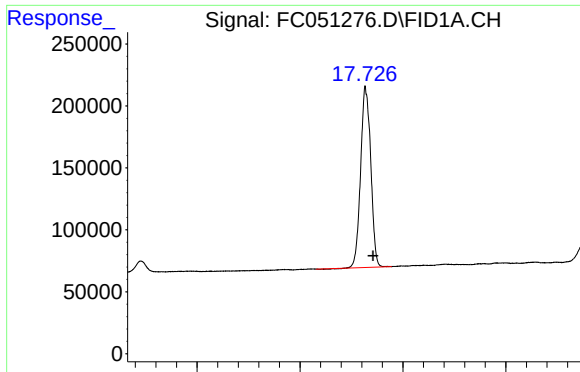
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.015 min
Response: 1926921
Conc: 17.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.841 min
Delta R.T.: -0.015 min
Response: 1952474
Conc: 17.63 ug/ml



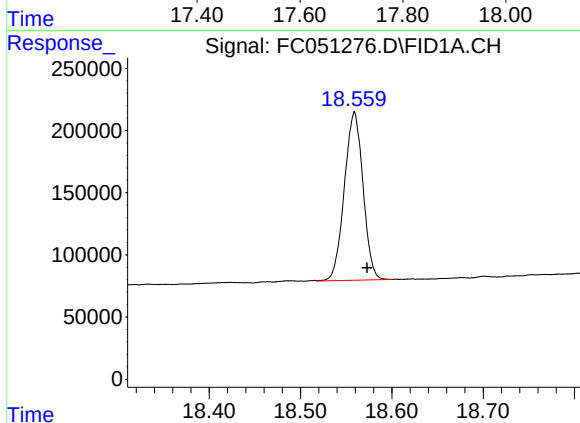
#17 n-Tricontane (C30)

R.T.: 17.728 min
Delta R.T.: -0.014 min
Response: 1988803
Conc: 18.72 ug/ml

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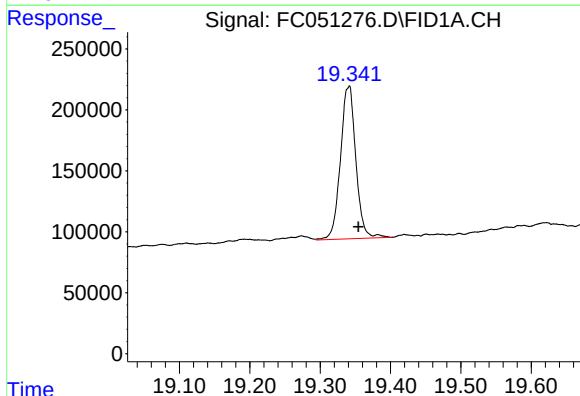
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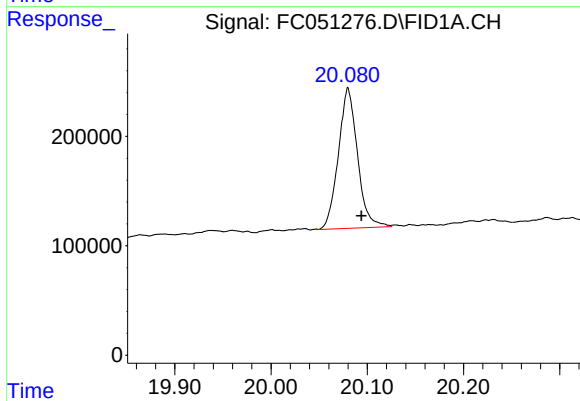
#18 n-Dotriacontane (C32)

R.T.: 18.559 min
Delta R.T.: -0.014 min
Response: 1919452
Conc: 19.64 ug/ml m



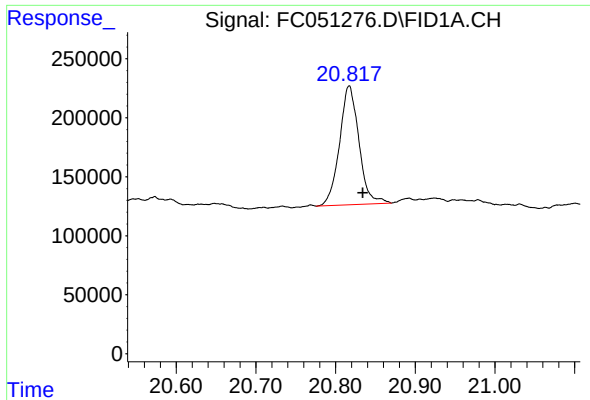
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: -0.014 min
Response: 1904225
Conc: 21.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.080 min
Delta R.T.: -0.014 min
Response: 1765478
Conc: 21.17 ug/ml m



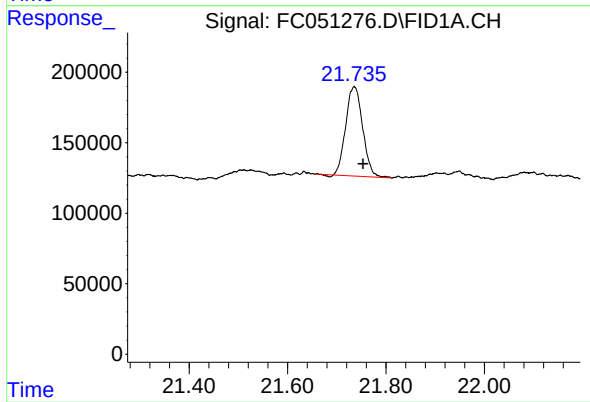
#21 n-Octatriacontane (C38)

R.T.: 20.817 min
Delta R.T.: -0.017 min
Response: 1706412
Conc: 21.91 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.735 min
Delta R.T.: -0.018 min
Response: 1506810
Conc: 18.20 ug/ml