

Data Path : P:\HPCHEM1\FID_C\Data\FC051518AL\
 Data File : FC034014.D
 Signal(s) : FID1A.CH
 Acq On : 16 May 2018 3:21
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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Integration File: autoint1.e
 Quant Time: May 16 11:59:55 2018
 Quant Method : \\74.0.250.170\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EP
 Quant Title : GC Extractables
 QLast Update : Wed May 16 11:38:30 2018
 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)	11.483	2679014	17.251 ug/ml
Spiked Amount 50.000		Recovery =	34.50%
12) S 1-chlorooctadecane (S...	12.924	2103451	17.910 ug/ml
Spiked Amount 50.000		Recovery =	35.82%
Target Compounds			
1) T n-Nonane (C9)	3.259	2393021	17.530 ug/ml
2) T n-Decane (C10)	4.329	2541396	18.290 ug/ml
3) T A-Naphthalene (C11.7)	5.908	2830886	18.246 ug/ml
4) T n-Dodecane (C12)	6.347	2609231	18.163 ug/ml
5) T A-2-methylnaphthalene...	6.962	2850577	18.185 ug/ml
6) T n-Tetradecane (C14)	8.138	2632633	17.606 ug/ml
7) T n-Hexadecane (C16)	9.735	2593637	17.209 ug/ml
8) T n-Octadecane (C18)	11.174	2491651	16.860 ug/ml
10) T n-Eicosane (C20)	12.481	2516198	17.127 ug/ml
11) T n-Heneicosane (C21)	13.092	2494210	17.299 ug/ml
13) T n-Docosane (C22)	13.678	2528824	17.742 ug/ml
14) T n-Tetracosane (C24)	14.781	2522977	18.386 ug/ml
15) T n-Hexacosane (C26)	15.802	2517544	19.249 ug/ml
16) T n-Octacosane (C28)	16.751	2585775	20.255 ug/ml
17) T n-Tricontane (C30)	17.639	2572288	21.350 ug/mlm
18) T n-Dotriacontane (C32)	18.471	2530980	21.744 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2384302	22.062 ug/mlm
20) T n-Hexatriacontane (C36)	19.994	2371758	23.692 ug/ml
21) T n-Octatriacontane (C38)	20.718	2357088	24.623 ug/mlm
22) T n-Tetracontane (C40)	21.602	1904310	21.218 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.CH
Acq On : 16 May 2018 3:21
Operator : UA/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

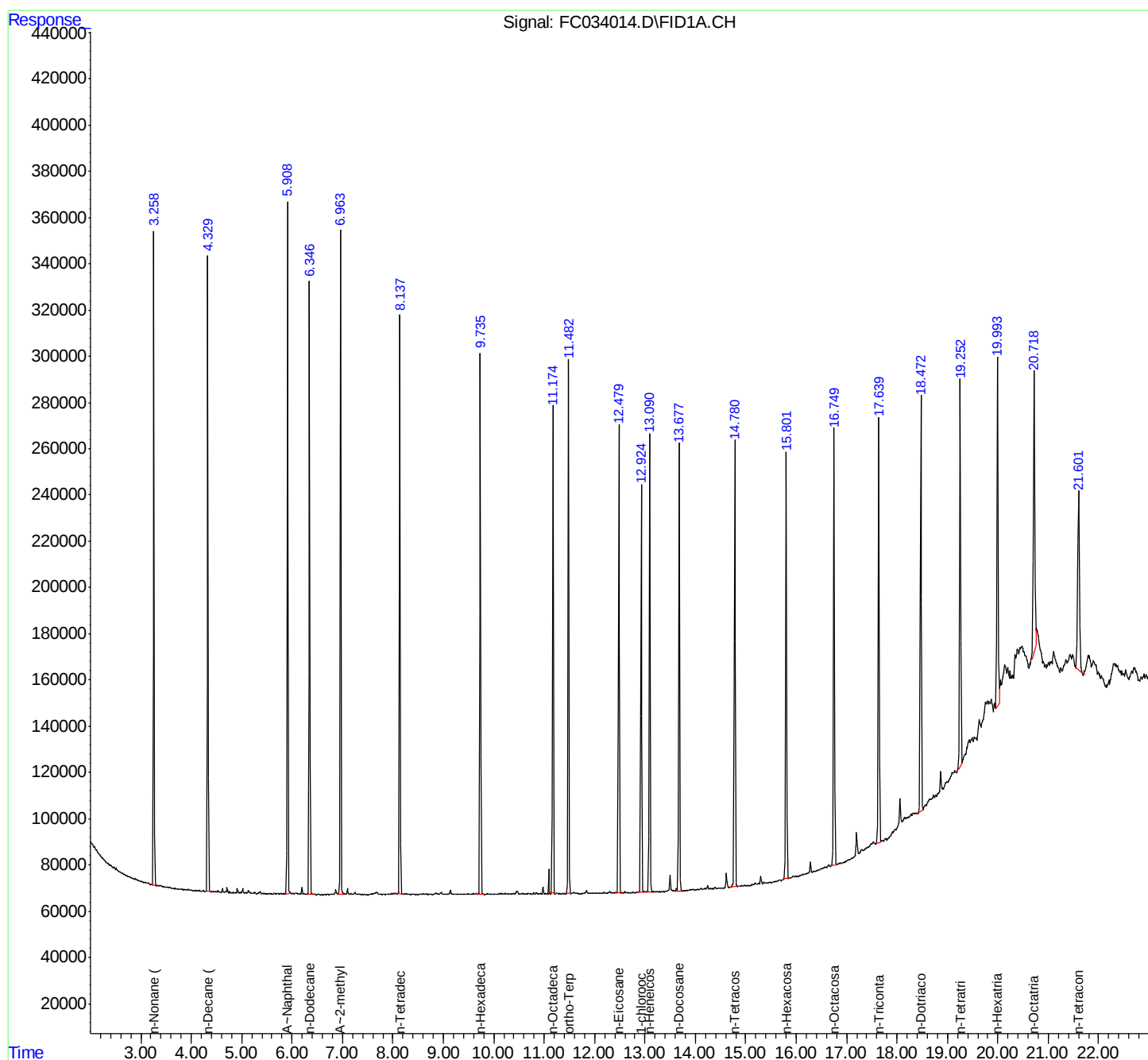
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FID_C
ClientSampled :

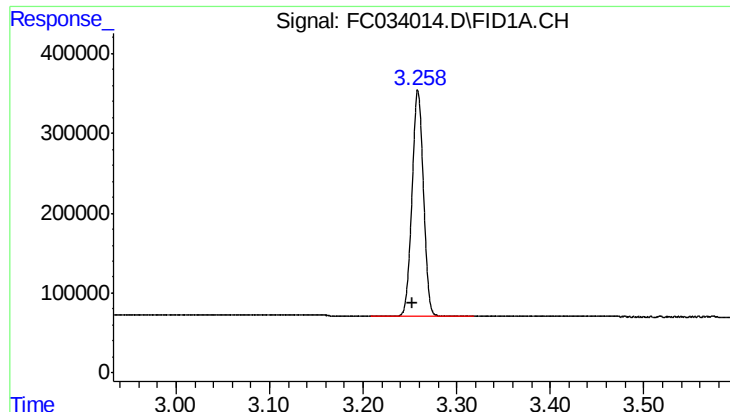
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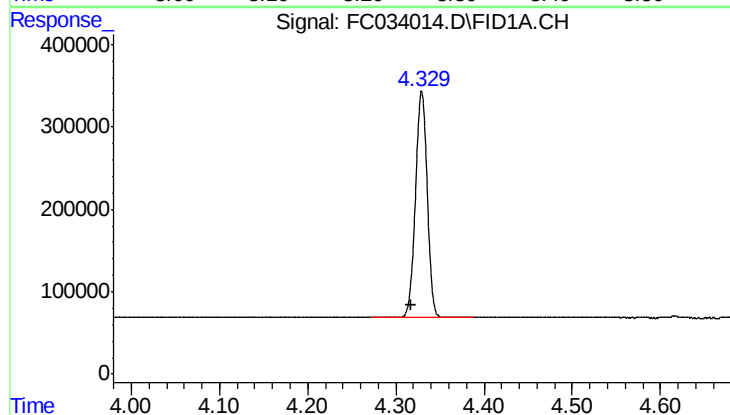
#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: 0.005 min
Response: 2393021
Conc: 17.53 ug/ml

Instrument :
FID_C
ClientSampleId :

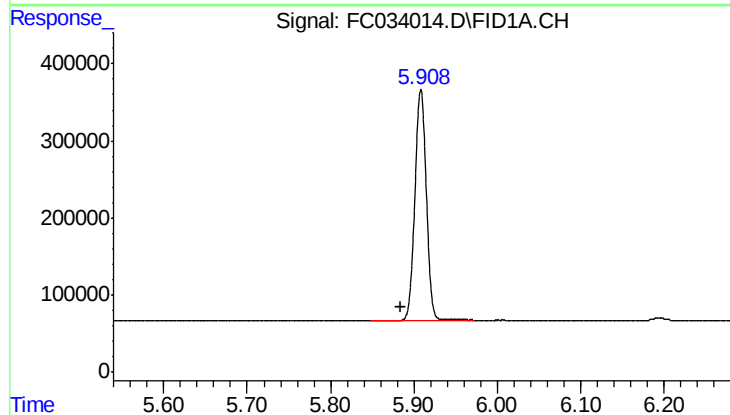
Manual Integrations
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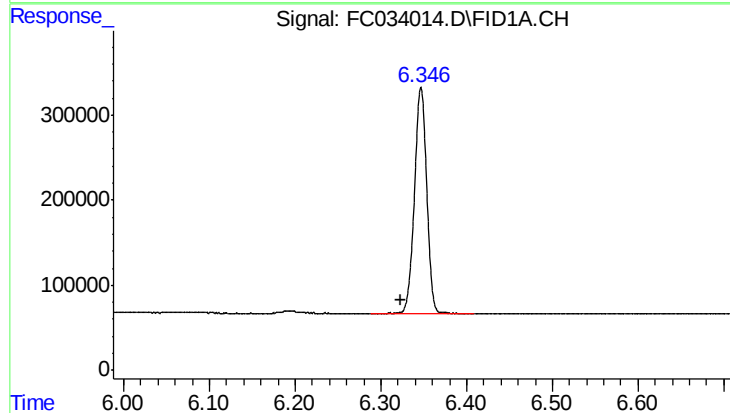
#2 n-Decane (C10)

R.T.: 4.329 min
Delta R.T.: 0.013 min
Response: 2541396
Conc: 18.29 ug/ml



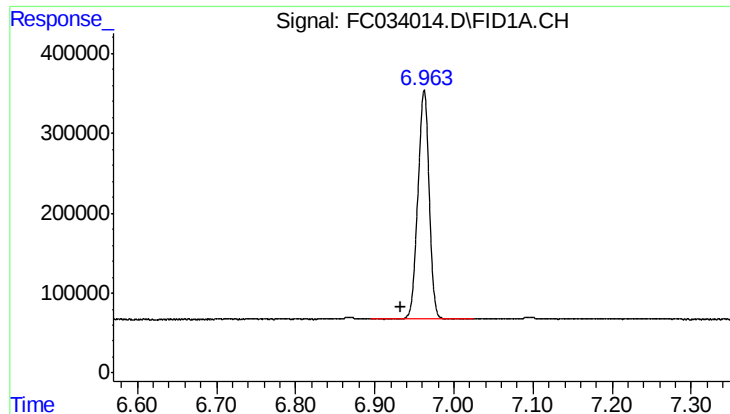
#3 A-Naphthalene (C11.7)

R.T.: 5.908 min
Delta R.T.: 0.024 min
Response: 2830886
Conc: 18.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.347 min
Delta R.T.: 0.024 min
Response: 2609231
Conc: 18.16 ug/ml



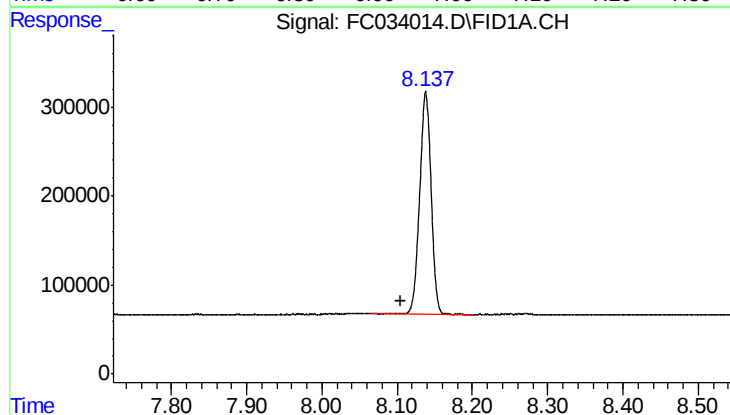
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.962 min
Delta R.T.: 0.030 min
Response: 2850577
Conc: 18.18 ug/ml

Instrument :
FID_C
ClientSampleId :

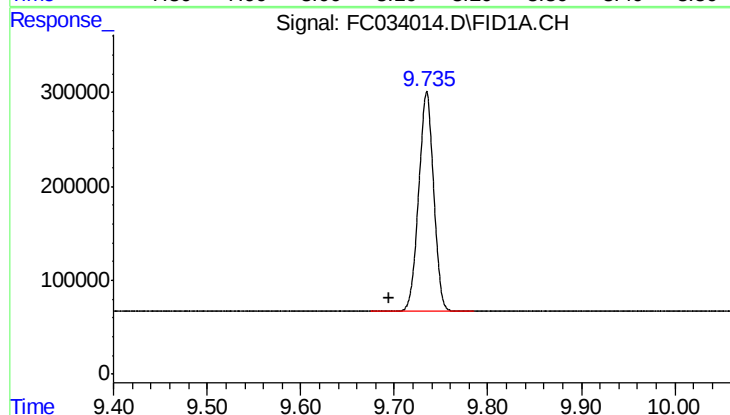
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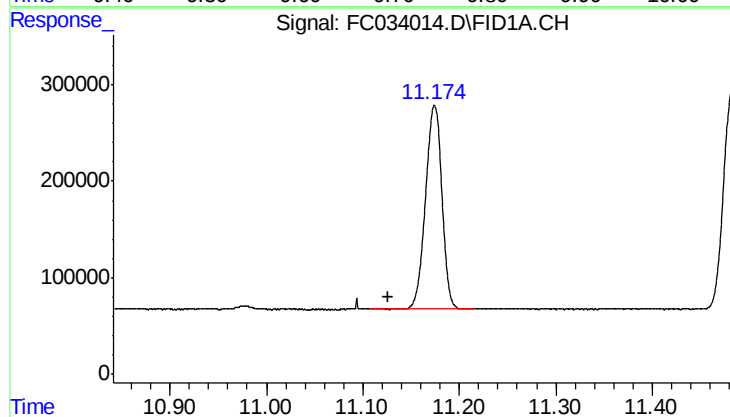
#6 n-Tetradecane (C14)

R.T.: 8.138 min
Delta R.T.: 0.033 min
Response: 2632633
Conc: 17.61 ug/ml



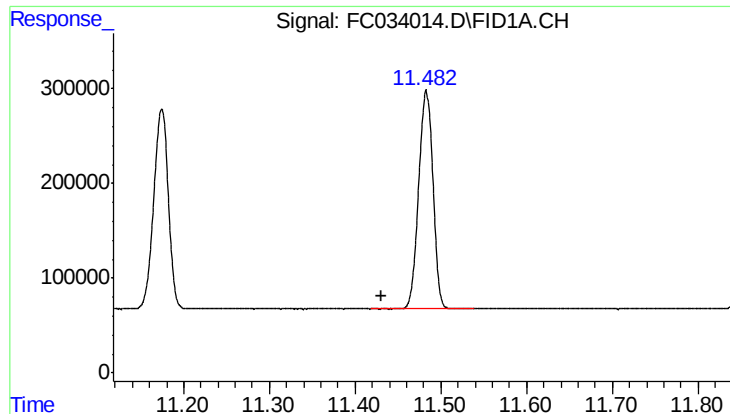
#7 n-Hexadecane (C16)

R.T.: 9.735 min
Delta R.T.: 0.040 min
Response: 2593637
Conc: 17.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.174 min
Delta R.T.: 0.049 min
Response: 2491651
Conc: 16.86 ug/ml



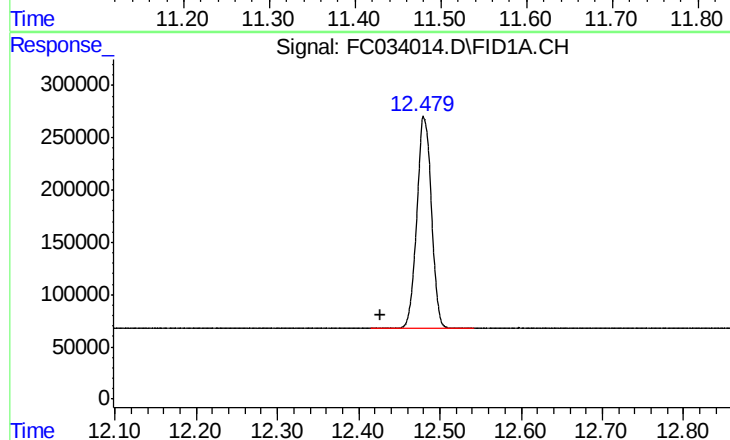
#9 ortho-Terphenyl (SURR)

R.T.: 11.483 min
Delta R.T.: 0.052 min
Response: 2679014
Conc: 17.25 ug/ml

Instrument :
FID_C
ClientSampleId :

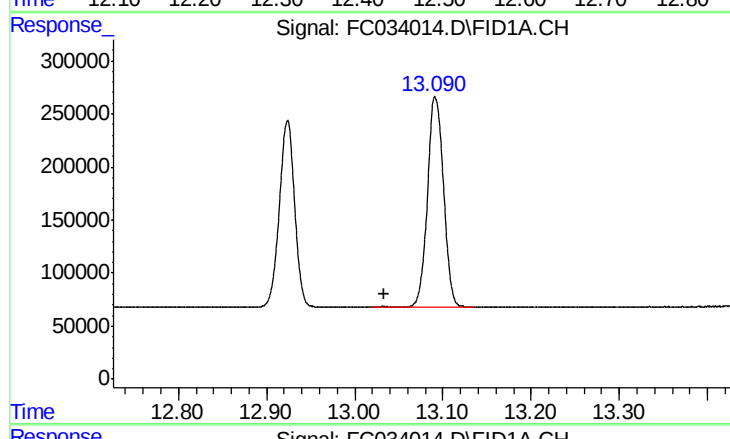
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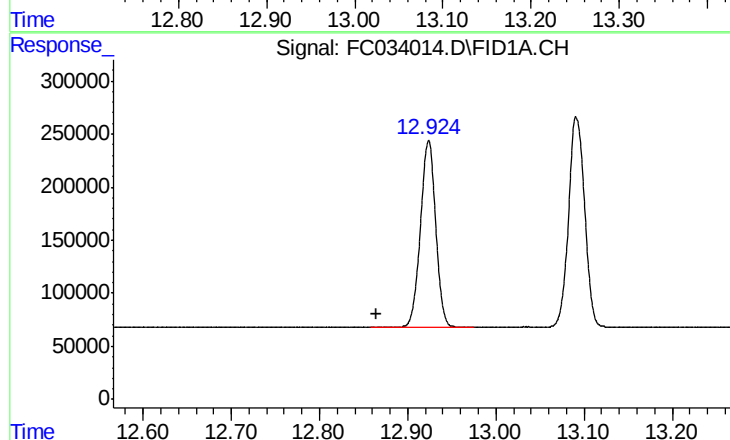
#10 n-Eicosane (C20)

R.T.: 12.481 min
Delta R.T.: 0.055 min
Response: 2516198
Conc: 17.13 ug/ml



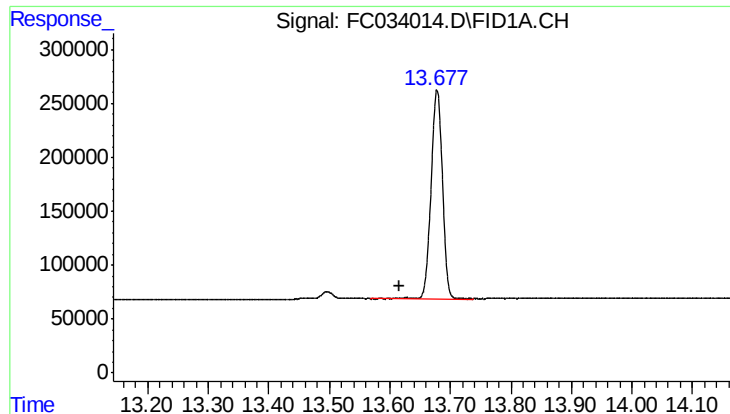
#11 n-Heneicosane (C21)

R.T.: 13.092 min
Delta R.T.: 0.058 min
Response: 2494210
Conc: 17.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: 0.059 min
Response: 2103451
Conc: 17.91 ug/ml



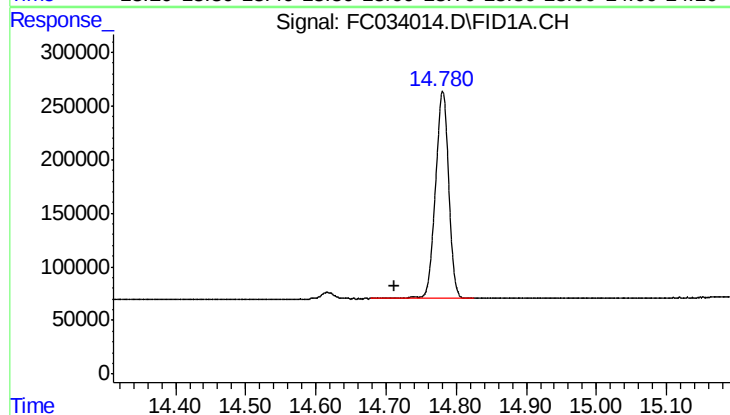
#13 n-Docosane (C22)

R.T.: 13.678 min
Delta R.T.: 0.062 min
Response: 2528824
Conc: 17.74 ug/ml

Instrument :
FID_C
ClientSampleId :

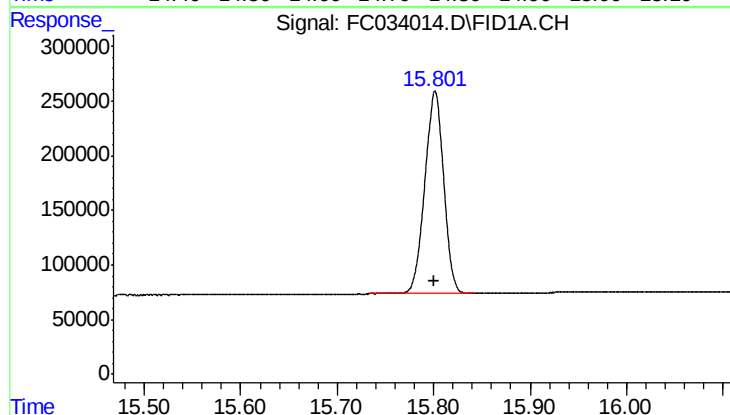
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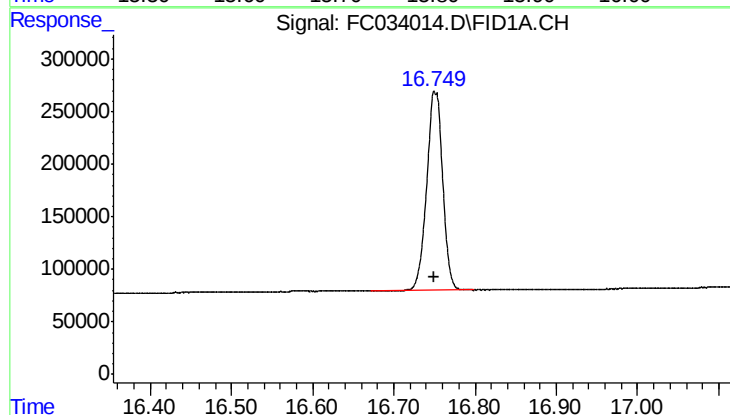
#14 n-Tetracosane (C24)

R.T.: 14.781 min
Delta R.T.: 0.069 min
Response: 2522977
Conc: 18.39 ug/ml



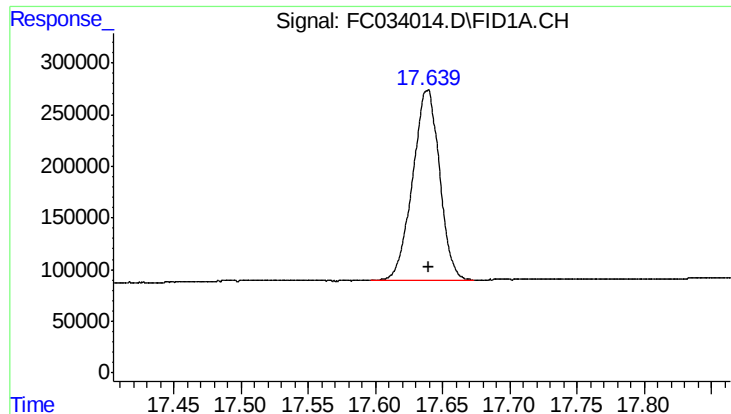
#15 n-Hexacosane (C26)

R.T.: 15.802 min
Delta R.T.: 0.002 min
Response: 2517544
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.751 min
Delta R.T.: 0.000 min
Response: 2585775
Conc: 20.25 ug/ml



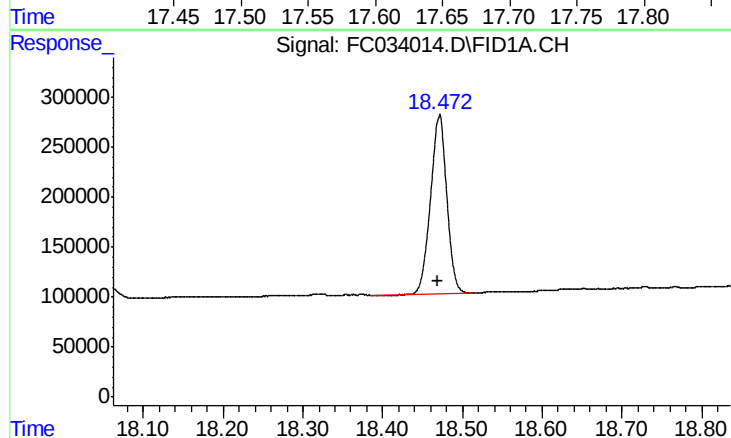
#17 n-Tricontane (C30)

R.T.: 17.639 min
Delta R.T.: 0.000 min
Response: 2572288
Conc: 21.35 ug/ml

Instrument :
FID_C
ClientSampleId :

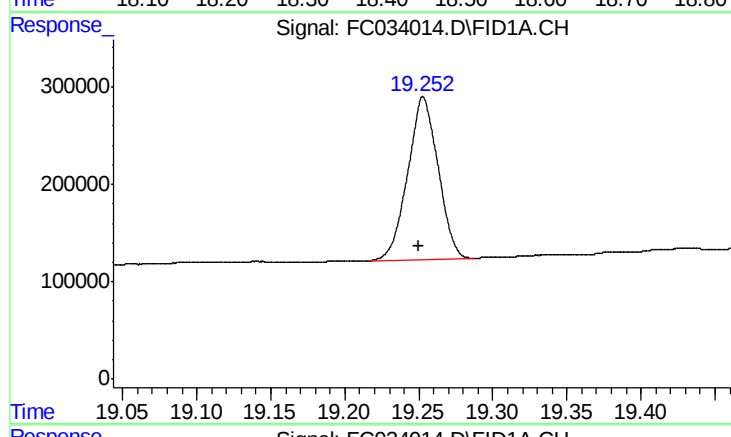
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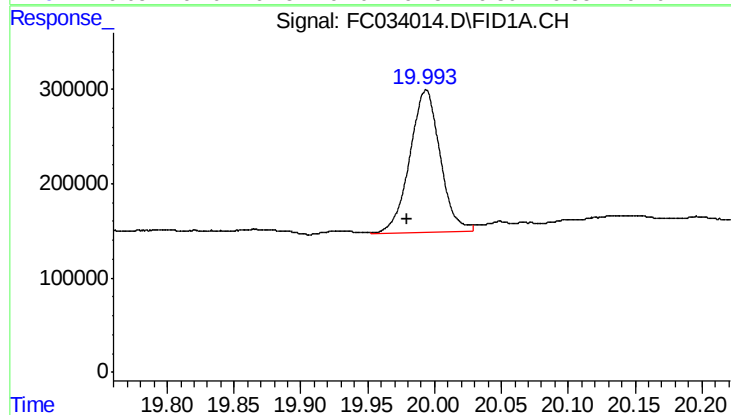
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: 0.001 min
Response: 2530980
Conc: 21.74 ug/ml



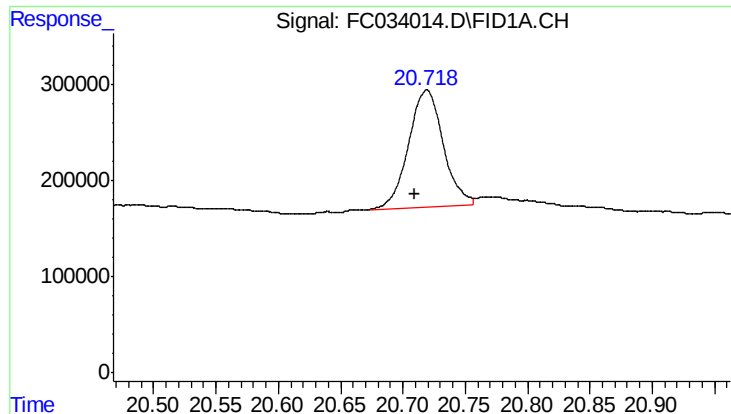
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: 0.002 min
Response: 2384302
Conc: 22.06 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.994 min
Delta R.T.: 0.014 min
Response: 2371758
Conc: 23.69 ug/ml



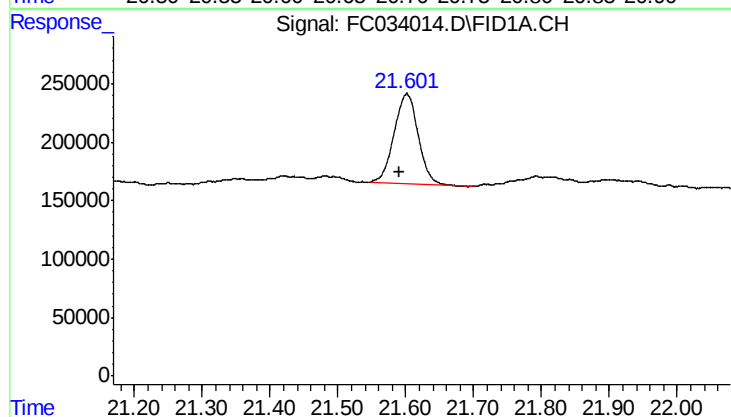
#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: 0.008 min
Response: 2357088
Conc: 24.62 ug/ml

Instrument :
FID_C
ClientSampleId :

Manual Integrations
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#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: 0.012 min
Response: 1904310
Conc: 21.22 ug/ml