

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110918AL\
 Data File : FC037515.D
 Signal(s) : FID1A.CH
 Acq On : 09 Nov 2018 16:57
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Sohil
 11/12/2018 11:33:02 AM

Integration File: autoint1.e
 Quant Time: Nov 09 21:20:13 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 103018.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 31 05:57:18 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)	11.320	2726017	18.771 ug/mlm
Spiked Amount 50.000		Recovery =	37.54%
12) S 1-chlorooctadecane (S...	12.764	2117861	18.902 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
Target Compounds			
1) T n-Nonane (C9)	3.147	2244645	18.759 ug/mlm
2) T n-Decane (C10)	4.207	2341160	19.371 ug/ml
3) T A-Naphthalene (C11.7)	5.770	2611529	19.273 ug/ml
4) T n-Dodecane (C12)	6.214	2397428	18.939 ug/ml
5) T A~2-methylnaphthalene...	6.819	2601421	18.933 ug/ml
6) T n-Tetradecane (C14)	7.997	2409039	18.304 ug/ml
7) T n-Hexadecane (C16)	9.587	2478919	18.321 ug/ml
8) T n-Octadecane (C18)	11.022	2504289	17.865 ug/ml
10) T n-Eicosane (C20)	12.324	2528712	18.615 ug/ml
11) T n-Heneicosane (C21)	12.934	2512224	19.192 ug/ml
13) T n-Docosane (C22)	13.517	2529787	19.486 ug/ml
14) T n-Tetracosane (C24)	14.615	2585262	20.309 ug/ml
15) T n-Hexacosane (C26)	15.632	2611773	20.869 ug/ml
16) T n-Octacosane (C28)	16.577	2791242	22.006 ug/mlm
17) T n-Tricontane (C30)	17.462	3004742	21.804 ug/ml
18) T n-Dotriacontane (C32)	18.292	3111915	20.380 ug/ml
19) T n-Tetratriacontane (C34)	19.073	3077417	21.870 ug/mlm
20) T n-Hexatriacontane (C36)	19.808	2997332	22.147 ug/mlm
21) T n-Octatriacontane (C38)	20.512	2969650	22.105 ug/mlm
22) T n-Tetracontane (C40)	21.330	2929937	19.974 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 09 Nov 2018 16:57
Operator : AJ\SJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

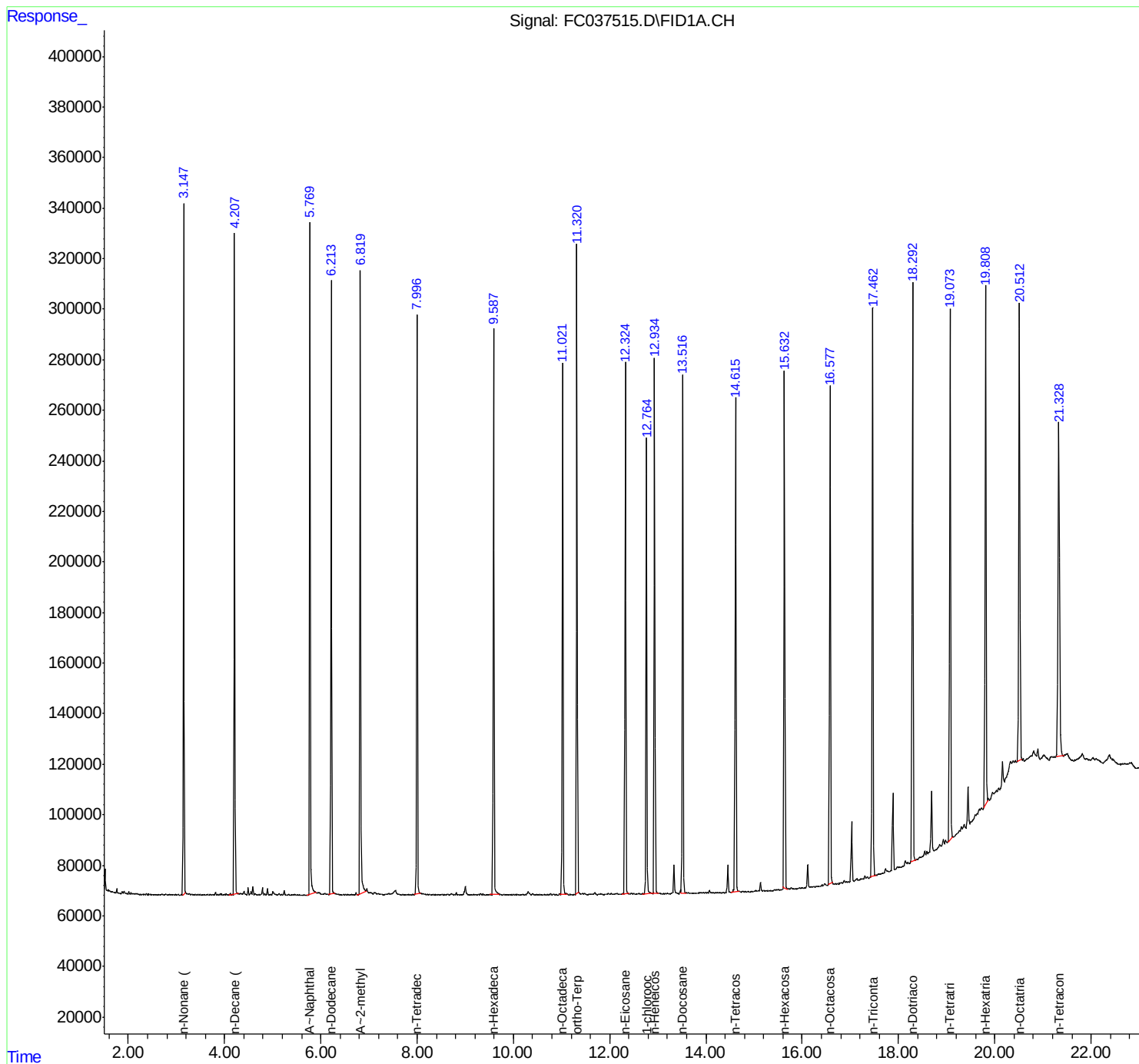
Instrument :
FID_C
ClientSampled :

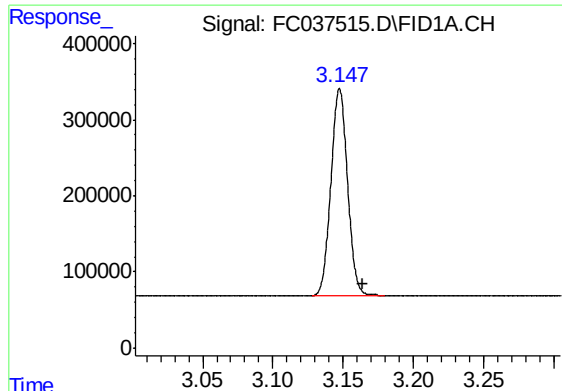
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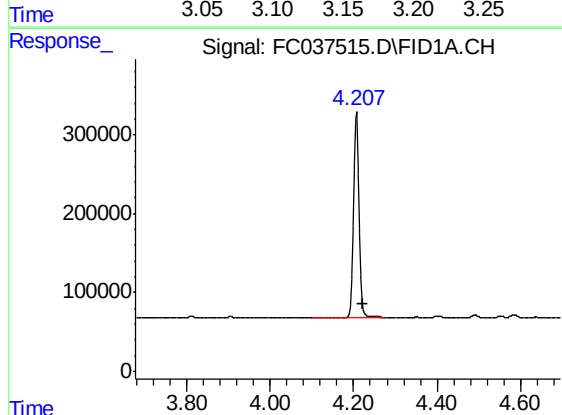
#1 n-Nonane (C9)

R.T.: 3.147 min
Delta R.T.: -0.017 min
Response: 2244645
Conc: 18.76 ug/ml m

Instrument :
FID_C
ClientSampleId :

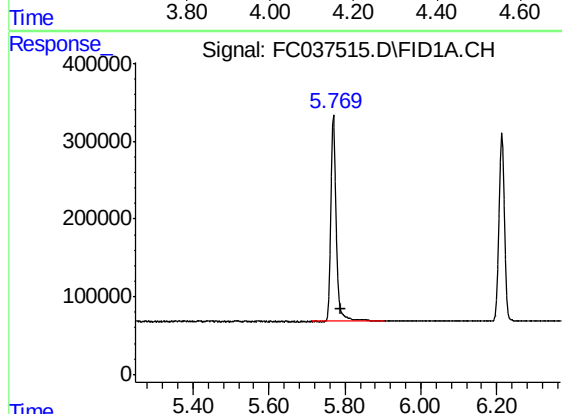
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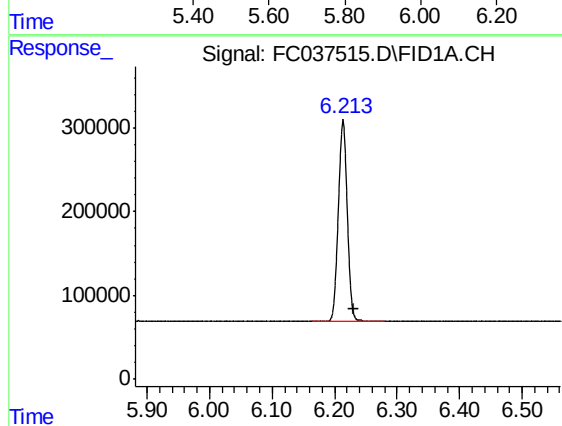
#2 n-Decane (C10)

R.T.: 4.207 min
Delta R.T.: -0.016 min
Response: 2341160
Conc: 19.37 ug/ml



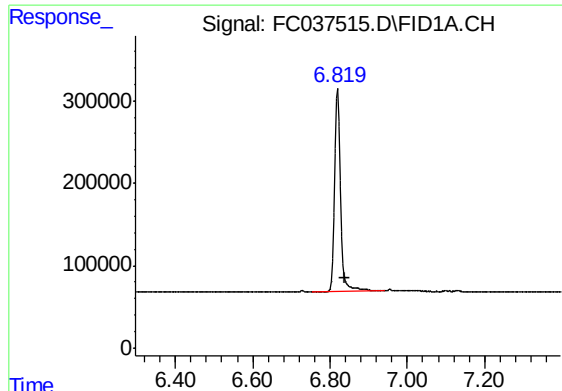
#3 A~Naphthalene (C11.7)

R.T.: 5.770 min
Delta R.T.: -0.020 min
Response: 2611529
Conc: 19.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.214 min
Delta R.T.: -0.016 min
Response: 2397428
Conc: 18.94 ug/ml



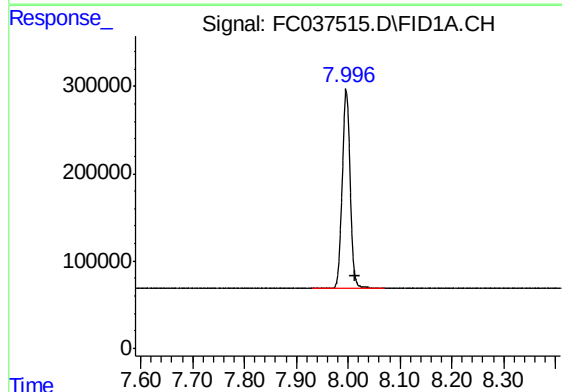
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.819 min
Delta R.T.: -0.019 min
Response: 2601421
Conc: 18.93 ug/ml

Instrument :
FID_C
ClientSampleId :

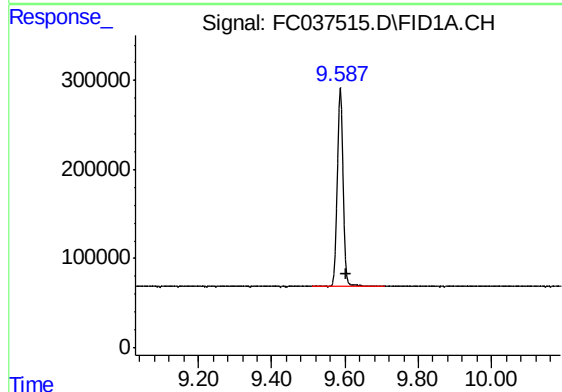
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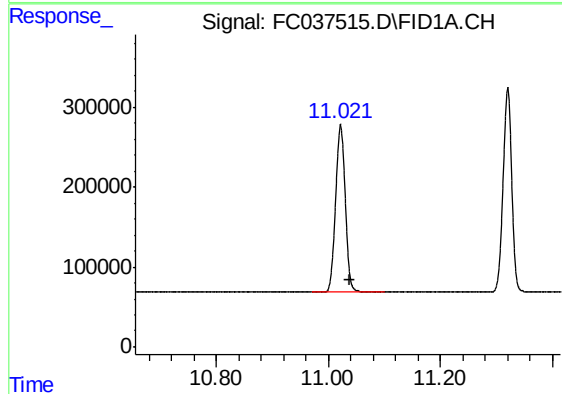
#6 n-Tetradecane (C14)

R.T.: 7.997 min
Delta R.T.: -0.017 min
Response: 2409039
Conc: 18.30 ug/ml



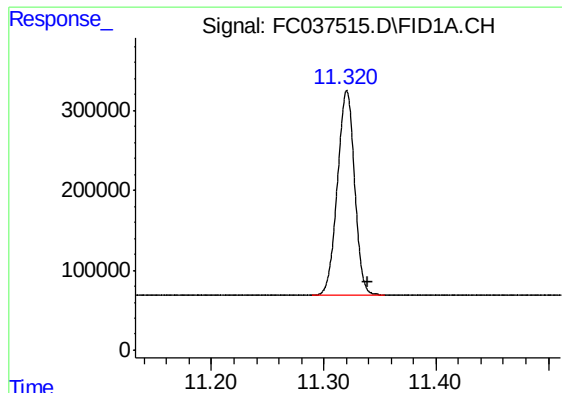
#7 n-Hexadecane (C16)

R.T.: 9.587 min
Delta R.T.: -0.017 min
Response: 2478919
Conc: 18.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.022 min
Delta R.T.: -0.016 min
Response: 2504289
Conc: 17.86 ug/ml



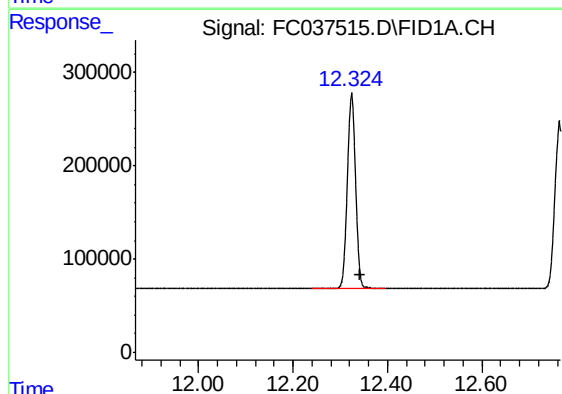
#9 ortho-Terphenyl (SURR)

R.T.: 11.320 min
Delta R.T.: -0.019 min
Response: 2726017
Conc: 18.77 ug/ml m

Instrument :
FID_C
ClientSampleId :

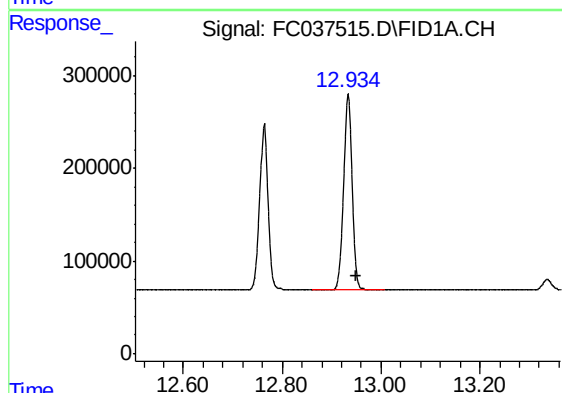
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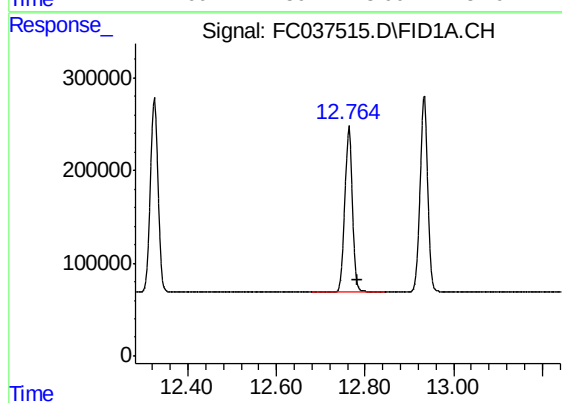
#10 n-Eicosane (C20)

R.T.: 12.324 min
Delta R.T.: -0.017 min
Response: 2528712
Conc: 18.61 ug/ml



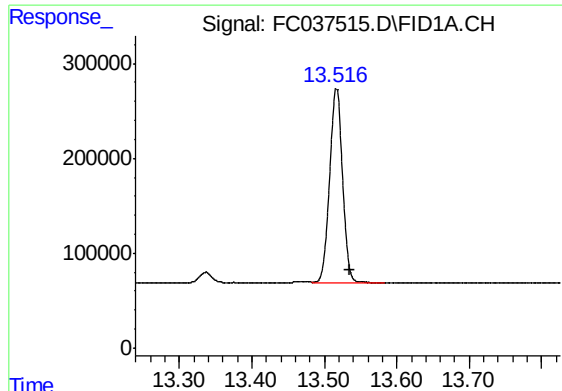
#11 n-Heneicosane (C21)

R.T.: 12.934 min
Delta R.T.: -0.017 min
Response: 2512224
Conc: 19.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.764 min
Delta R.T.: -0.018 min
Response: 2117861
Conc: 18.90 ug/ml



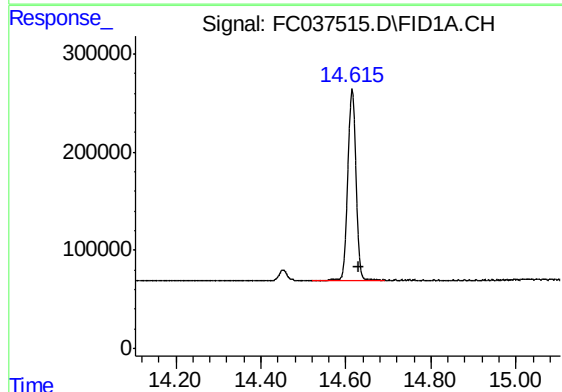
#13 n-Docosane (C22)

R.T.: 13.517 min
Delta R.T.: -0.018 min
Response: 2529787
Conc: 19.49 ug/ml

Instrument :
FID_C
ClientSampleId :

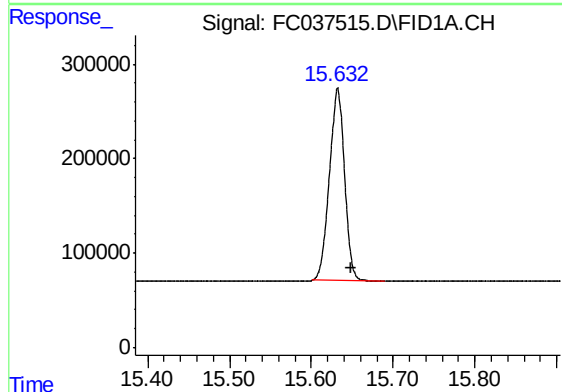
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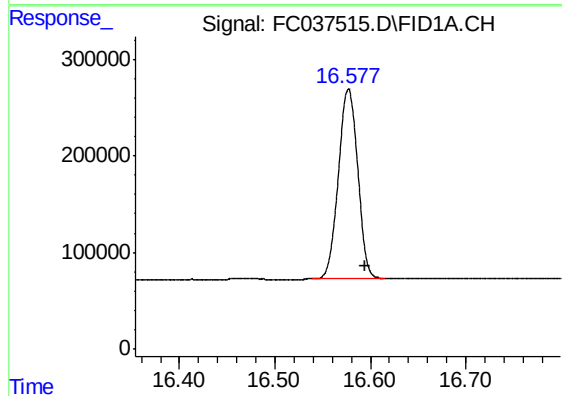
#14 n-Tetracosane (C24)

R.T.: 14.615 min
Delta R.T.: -0.017 min
Response: 2585262
Conc: 20.31 ug/ml



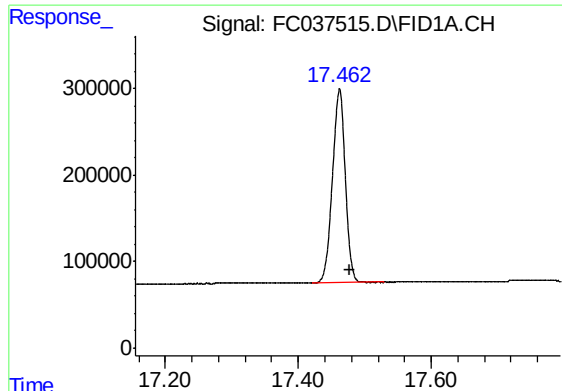
#15 n-Hexacosane (C26)

R.T.: 15.632 min
Delta R.T.: -0.016 min
Response: 2611773
Conc: 20.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.577 min
Delta R.T.: -0.018 min
Response: 2791242
Conc: 22.01 ug/ml m



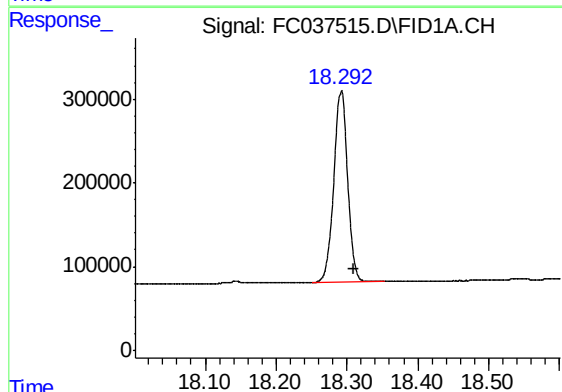
#17 n-Tricontane (C30)

R.T.: 17.462 min
Delta R.T.: -0.017 min
Response: 3004742
Conc: 21.80 ug/ml

Instrument :
FID_C
ClientSampleId :

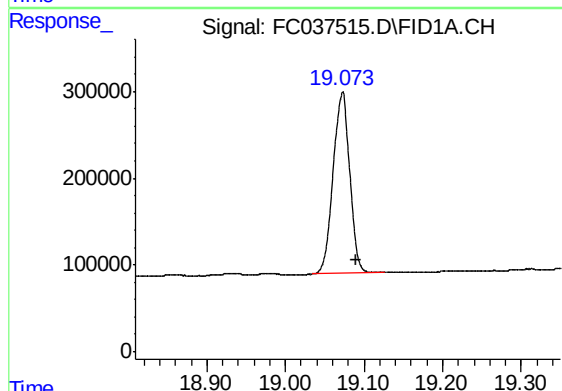
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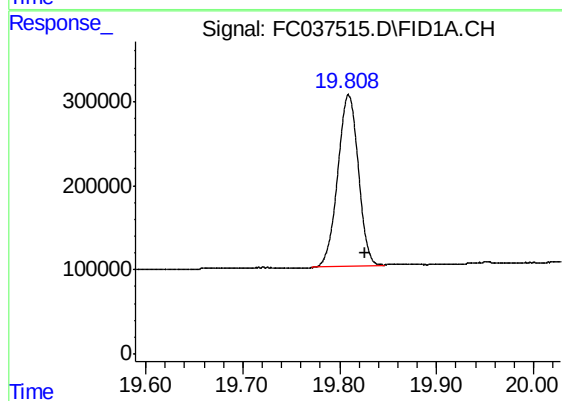
#18 n-Dotriacontane (C32)

R.T.: 18.292 min
Delta R.T.: -0.017 min
Response: 3111915
Conc: 20.38 ug/ml



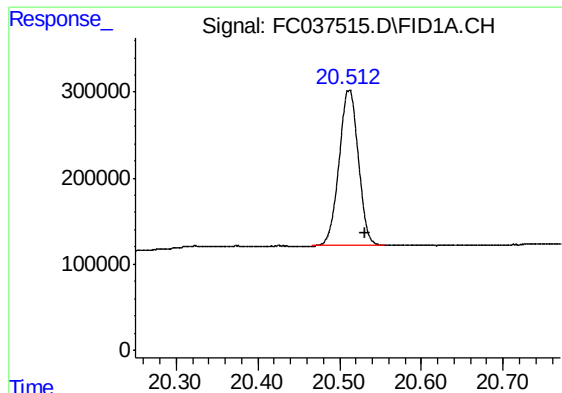
#19 n-Tetatriacontane (C34)

R.T.: 19.073 min
Delta R.T.: -0.018 min
Response: 3077417
Conc: 21.87 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.808 min
Delta R.T.: -0.018 min
Response: 2997332
Conc: 22.15 ug/ml m



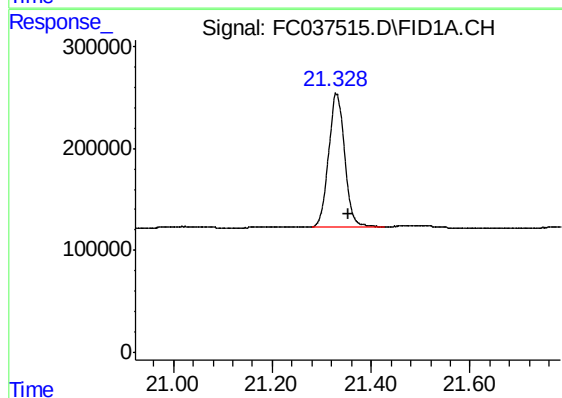
#21 n-Octatriacontane (C38)

R.T.: 20.512 min
Delta R.T.: -0.020 min
Response: 2969650
Conc: 22.11 ug/ml m

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.330 min
Delta R.T.: -0.024 min
Response: 2929937
Conc: 19.97 ug/ml