

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010919AL\
 Data File : FC038513.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jan 2019 14:42
 Operator : AJ\SJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 1/10/2019 10:42:07 AM

Integration File: autoint1.e
 Quant Time: Jan 10 05:35:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010919.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 05:32:24 2019
 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)	11.275	5585471	50.628 ug/ml
Spiked Amount 50.000		Recovery =	101.26%
12) S 1-chlorooctadecane (S...	12.718	4095371	50.694 ug/ml
Spiked Amount 50.000		Recovery =	101.39%
Target Compounds			
1) T n-Nonane (C9)	3.107	4608227	50.524 ug/ml
2) T n-Decane (C10)	4.165	4641551	50.694 ug/ml
3) T A-Naphthalene (C11.7)	5.727	5269305	51.835 ug/ml
4) T n-Dodecane (C12)	6.171	4656202	50.692 ug/ml
5) T A~2-methylnaphthalene...	6.776	5244277	52.680 ug/ml
6) T n-Tetradecane (C14)	7.953	4689804	50.717 ug/ml
7) T n-Hexadecane (C16)	9.544	4725723	50.592 ug/ml
8) T n-Octadecane (C18)	10.977	4712747	50.502 ug/ml
10) T n-Eicosane (C20)	12.280	4683137	50.297 ug/ml
11) T n-Heneicosane (C21)	12.889	4607046	50.521 ug/ml
13) T n-Docosane (C22)	13.473	4588706	50.535 ug/ml
14) T n-Tetracosane (C24)	14.570	4542468	50.564 ug/ml
15) T n-Hexacosane (C26)	15.587	4485473	50.768 ug/mlm
16) T n-Octacosane (C28)	16.535	4474671	50.796 ug/ml
17) T n-Tricontane (C30)	17.418	4391065	50.528 ug/ml
18) T n-Dotriacontane (C32)	18.248	4004905	48.418 ug/ml
19) T n-Tetratriacontane (C34)	19.028	3400965	50.336 ug/ml
20) T n-Hexatriacontane (C36)	19.766	3103658	50.161 ug/ml
21) T n-Octatriacontane (C38)	20.465	2969401	45.492 ug/mlm
22) T n-Tetracontane (C40)	21.272	2837413	42.234 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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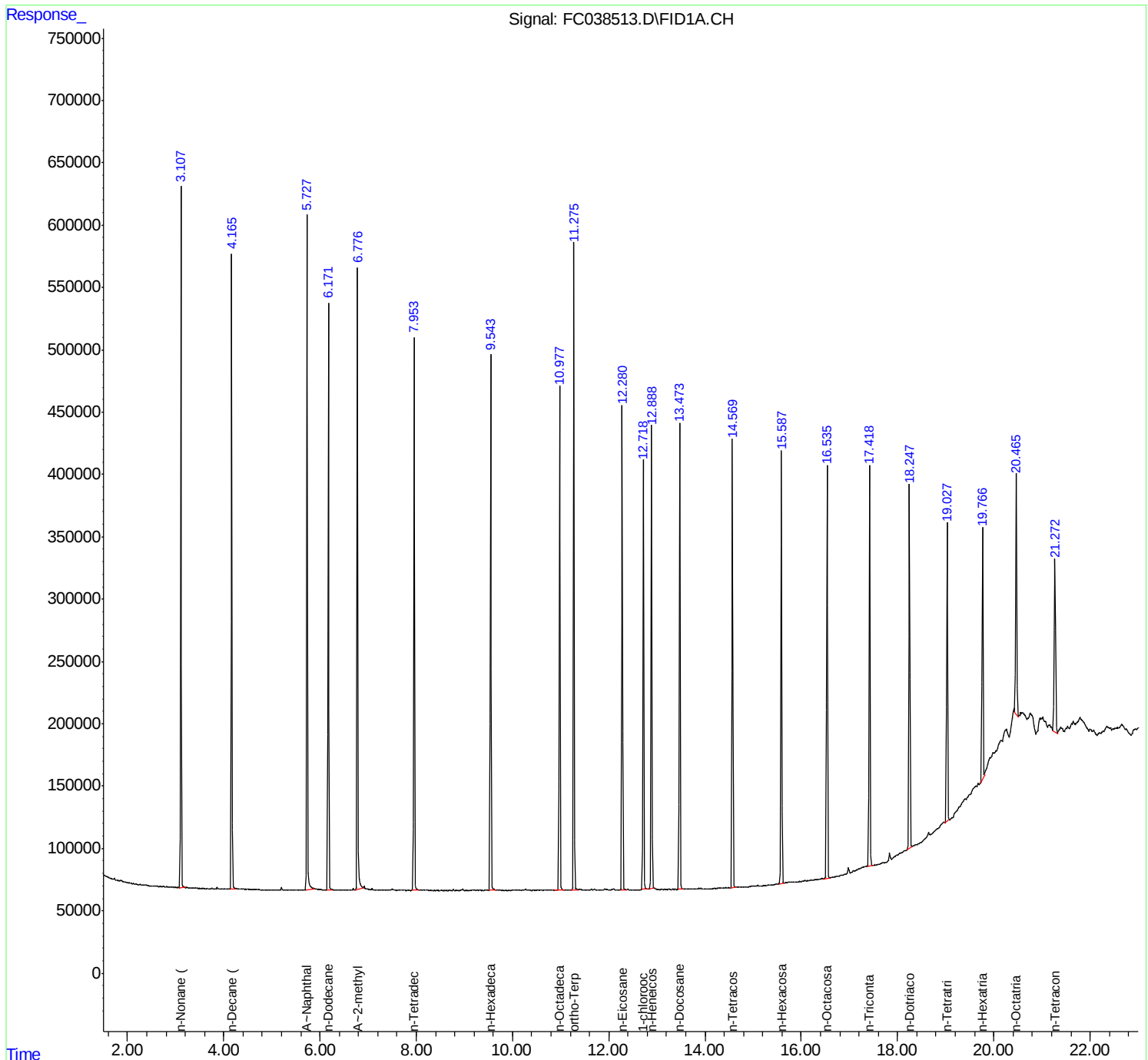
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ClientSampleId :

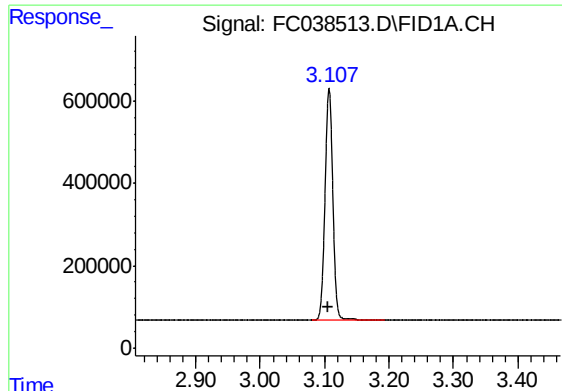
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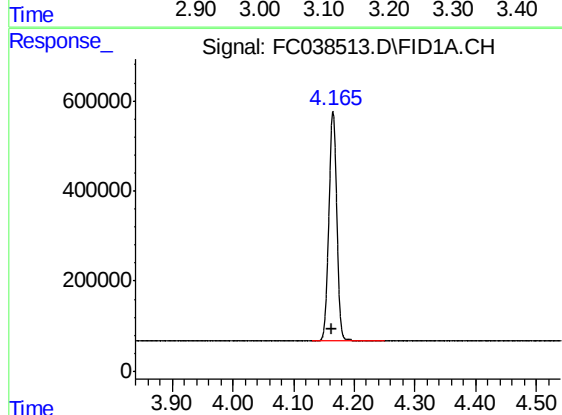
#1 n-Nonane (C9)

R.T.: 3.107 min
Delta R.T.: 0.001 min
Response: 4608227
Conc: 50.52 ug/ml

Instrument :
FID_C
ClientSampleId :

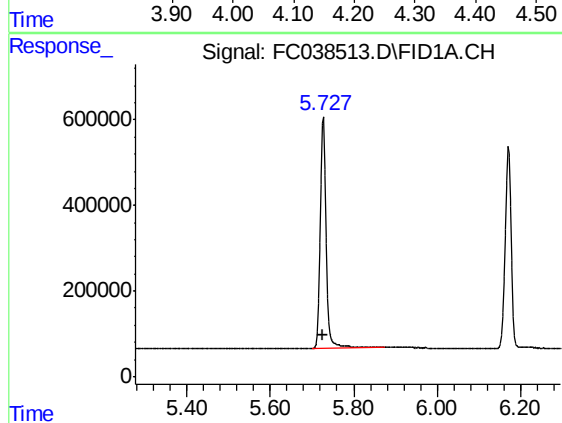
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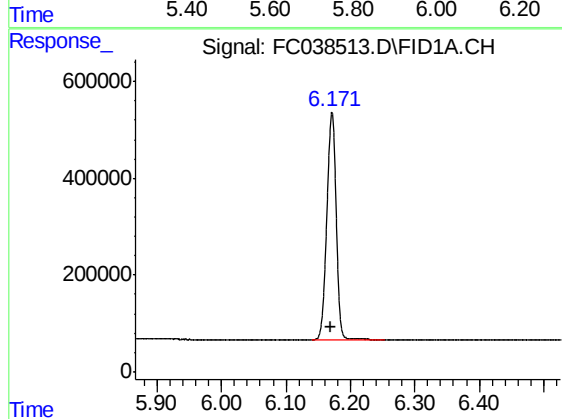
#2 n-Decane (C10)

R.T.: 4.165 min
Delta R.T.: 0.001 min
Response: 4641551
Conc: 50.69 ug/ml



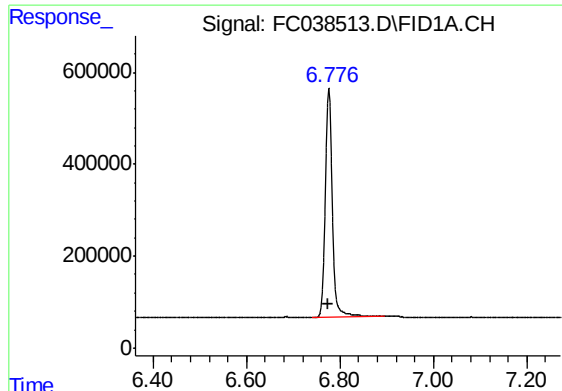
#3 A~Naphthalene (C11.7)

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 5269305
Conc: 51.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.171 min
Delta R.T.: 0.002 min
Response: 4656202
Conc: 50.69 ug/ml



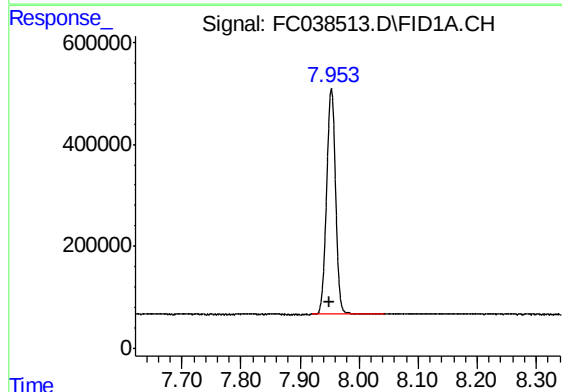
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.776 min
Delta R.T.: 0.002 min
Response: 5244277
Conc: 52.68 ug/ml

Instrument :
FID_C
ClientSampleId :

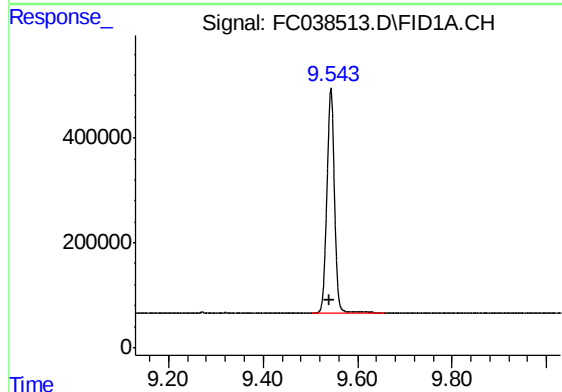
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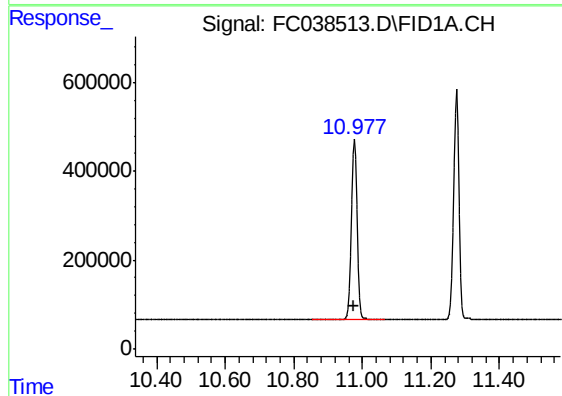
#6 n-Tetradecane (C14)

R.T.: 7.953 min
Delta R.T.: 0.002 min
Response: 4689804
Conc: 50.72 ug/ml



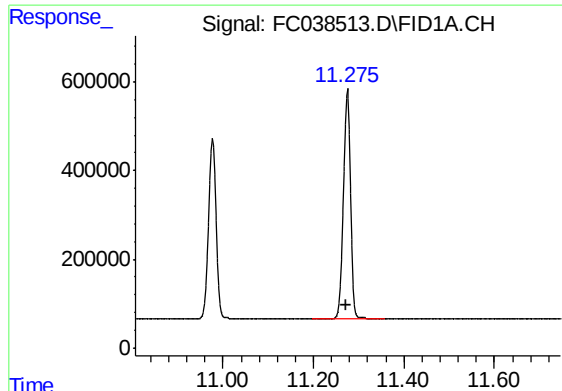
#7 n-Hexadecane (C16)

R.T.: 9.544 min
Delta R.T.: 0.003 min
Response: 4725723
Conc: 50.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.977 min
Delta R.T.: 0.002 min
Response: 4712747
Conc: 50.50 ug/ml



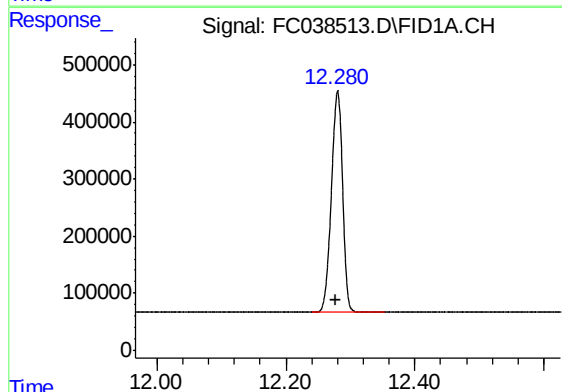
#9 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: 0.004 min
Response: 5585471
Conc: 50.63 ug/ml

Instrument :
FID_C
ClientSampleId :

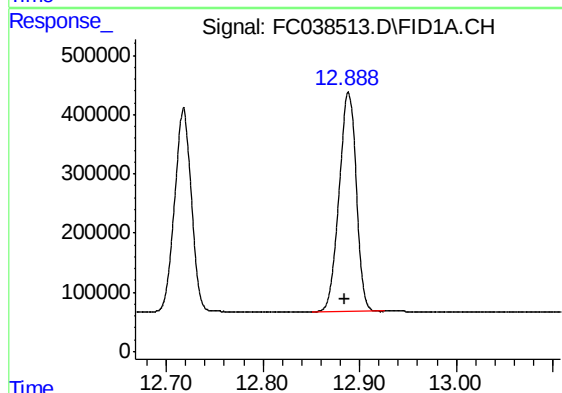
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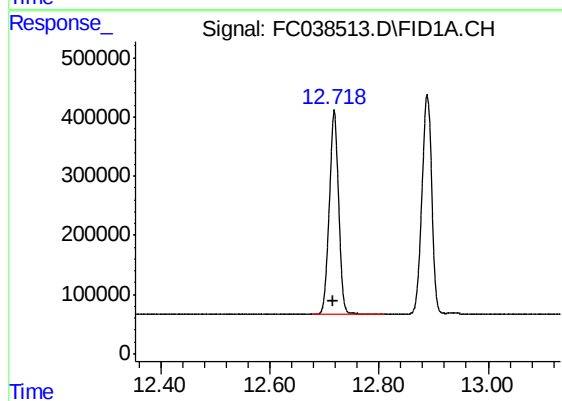
#10 n-Eicosane (C20)

R.T.: 12.280 min
Delta R.T.: 0.004 min
Response: 4683137
Conc: 50.30 ug/ml



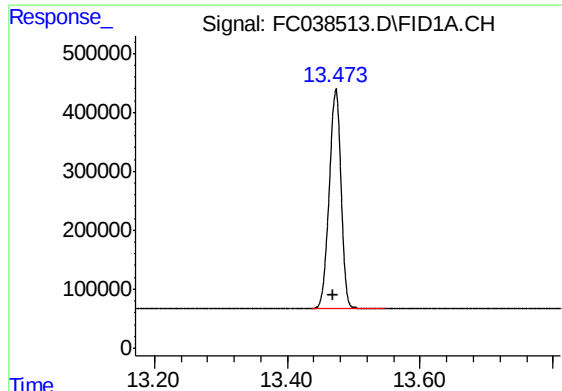
#11 n-Heneicosane (C21)

R.T.: 12.889 min
Delta R.T.: 0.004 min
Response: 4607046
Conc: 50.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.718 min
Delta R.T.: 0.002 min
Response: 4095371
Conc: 50.69 ug/ml



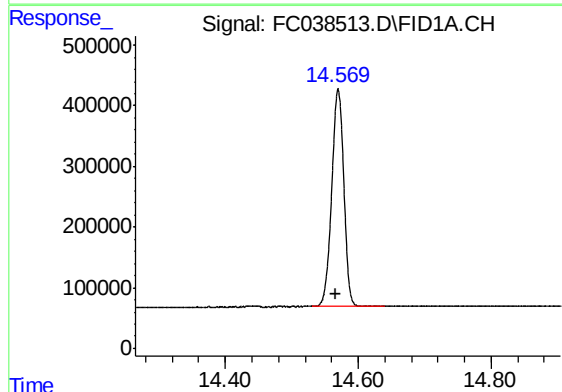
#13 n-Docosane (C22)

R.T.: 13.473 min
Delta R.T.: 0.004 min
Response: 4588706
Conc: 50.54 ug/ml

Instrument :
FID_C
ClientSampleId :

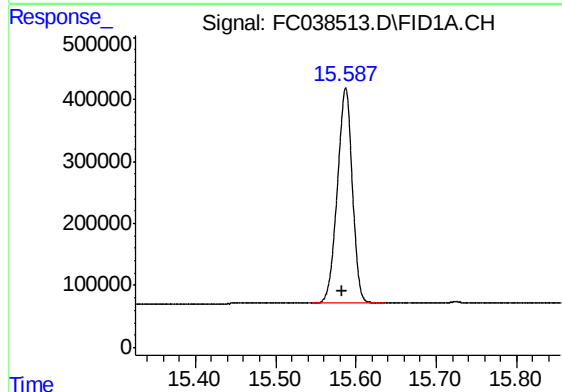
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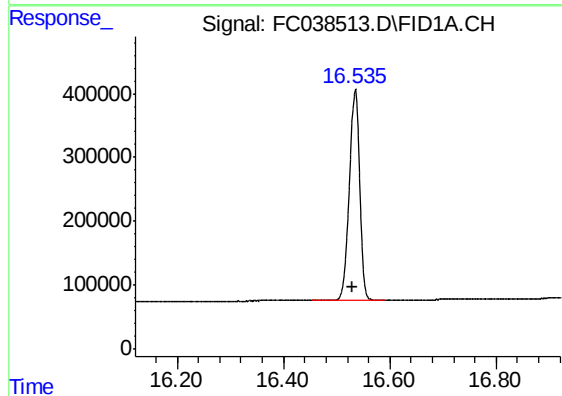
#14 n-Tetracosane (C24)

R.T.: 14.570 min
Delta R.T.: 0.003 min
Response: 4542468
Conc: 50.56 ug/ml



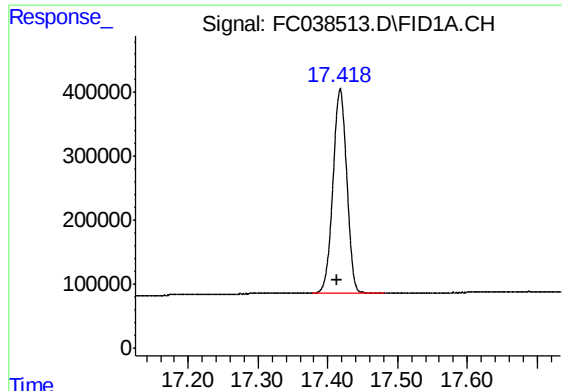
#15 n-Hexacosane (C26)

R.T.: 15.587 min
Delta R.T.: 0.005 min
Response: 4485473
Conc: 50.77 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.535 min
Delta R.T.: 0.005 min
Response: 4474671
Conc: 50.80 ug/ml



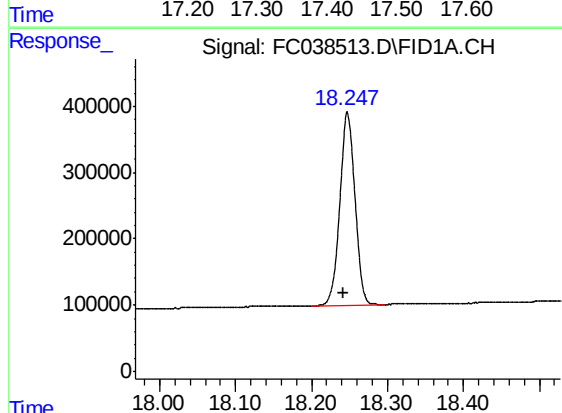
#17 n-Tricontane (C30)

R.T.: 17.418 min
Delta R.T.: 0.004 min
Response: 4391065
Conc: 50.53 ug/ml

Instrument :
FID_C
ClientSampleId :

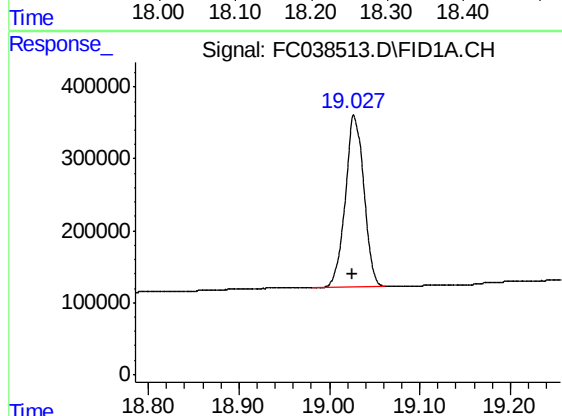
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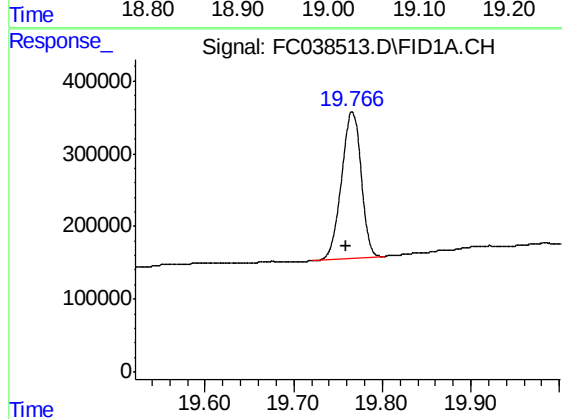
#18 n-Dotriacontane (C32)

R.T.: 18.248 min
Delta R.T.: 0.005 min
Response: 4004905
Conc: 48.42 ug/ml



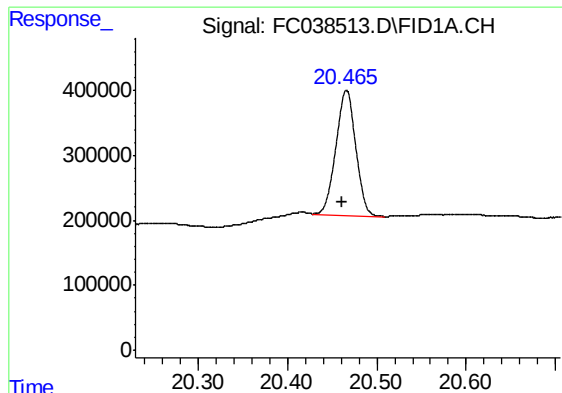
#19 n-Tetatriacontane (C34)

R.T.: 19.028 min
Delta R.T.: 0.003 min
Response: 3400965
Conc: 50.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.766 min
Delta R.T.: 0.007 min
Response: 3103658
Conc: 50.16 ug/ml



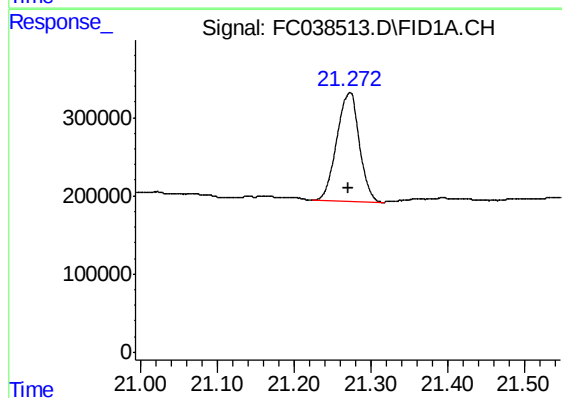
#21 n-Octatriacontane (C38)

R.T.: 20.465 min
Delta R.T.: 0.004 min
Response: 2969401
Conc: 45.49 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.272 min
Delta R.T.: 0.002 min
Response: 2837413
Conc: 42.23 ug/ml m