

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010919AL\
 Data File : FC038516.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jan 2019 16:27
 Operator : AJ\SJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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Sohil
 1/10/2019 10:42:11 AM

Integration File: autoint1.e
 Quant Time: Jan 10 05:35:51 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)	11.269	538572	4.882 ug/ml
Spiked Amount 50.000		Recovery =	9.76%
12) S 1-chlorooctadecane (S...	12.712	390492	4.834 ug/ml
Spiked Amount 50.000		Recovery =	9.67%
Target Compounds			
1) T n-Nonane (C9)	3.106	451086	4.946 ug/ml
2) T n-Decane (C10)	4.162	438179	4.786 ug/ml
3) T A~Naphthalene (C11.7)	5.728	441467	4.343 ug/ml
4) T n-Dodecane (C12)	6.167	441247	4.804 ug/ml
5) T A~2-methylnaphthalene...	6.777	426039	4.280 ug/ml
6) T n-Tetradecane (C14)	7.949	435967	4.715 ug/ml
7) T n-Hexadecane (C16)	9.539	439057	4.700 ug/ml
8) T n-Octadecane (C18)	10.972	454051	4.866 ug/ml
10) T n-Eicosane (C20)	12.274	463322	4.976 ug/ml
11) T n-Heneicosane (C21)	12.882	446553	4.897 ug/ml
13) T n-Docosane (C22)	13.466	449401	4.949 ug/ml
14) T n-Tetracosane (C24)	14.564	441935	4.919 ug/ml
15) T n-Hexacosane (C26)	15.580	437793	4.955 ug/ml
16) T n-Octacosane (C28)	16.525	440220	4.997 ug/ml
17) T n-Tricontane (C30)	17.411	457302	5.262 ug/ml
18) T n-Dotriacontane (C32)	18.239	445787	5.389 ug/ml
19) T n-Tetratriacontane (C34)	19.020	356789	5.281 ug/ml
20) T n-Hexatriacontane (C36)	19.757	301919	4.880 ug/ml
21) T n-Octatriacontane (C38)	20.458	405569	6.213 ug/ml
22) T n-Tetracontane (C40)	21.258	334804	4.983 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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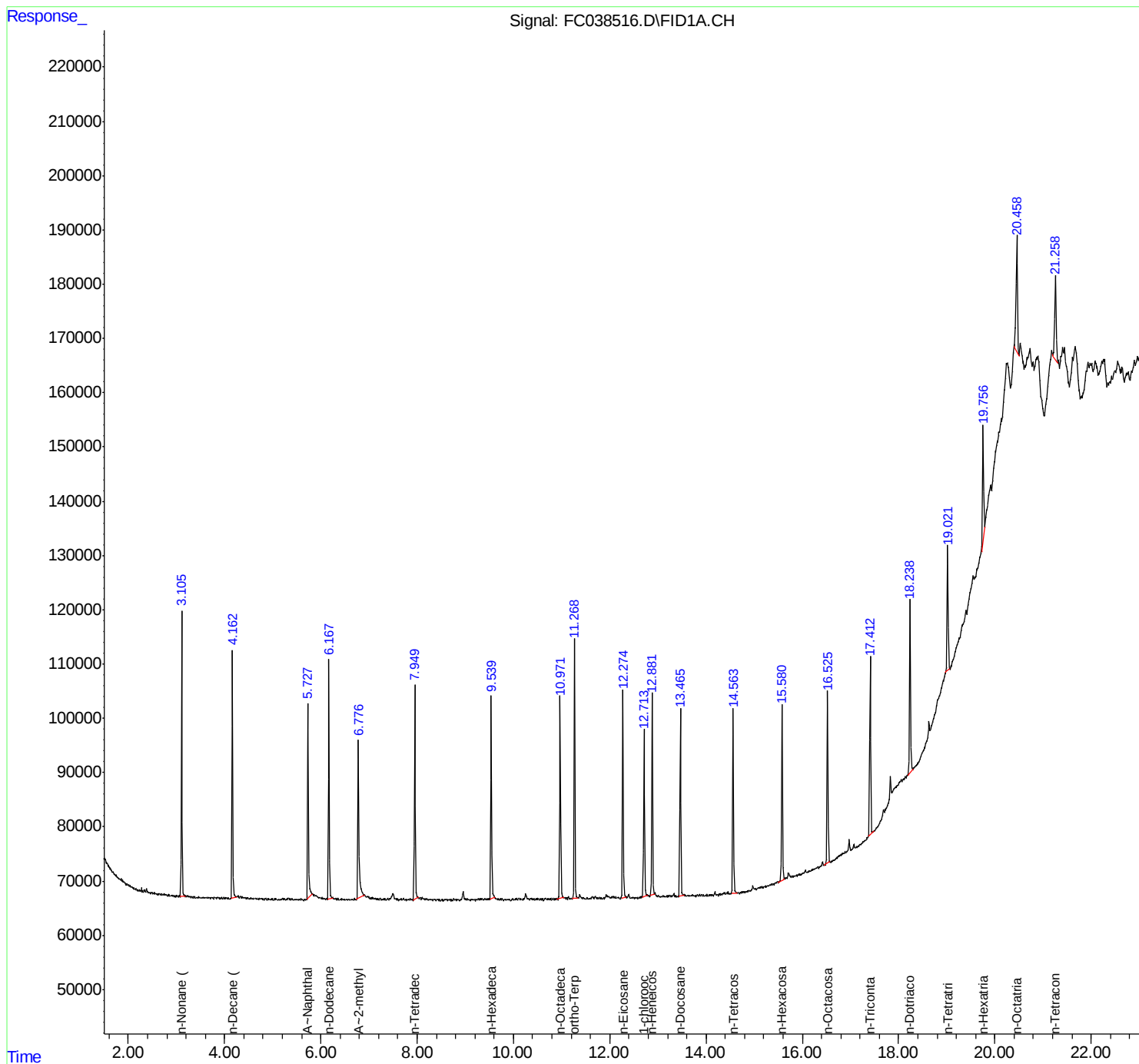
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FID_C
ClientSampled :

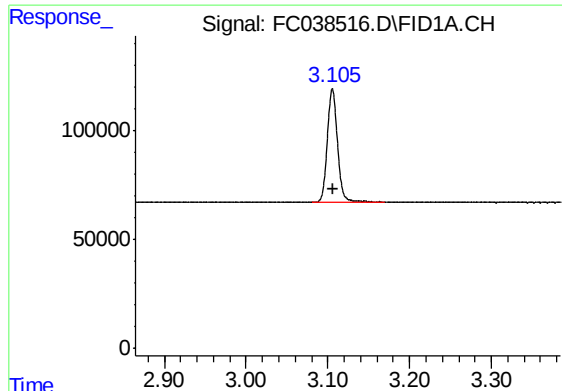
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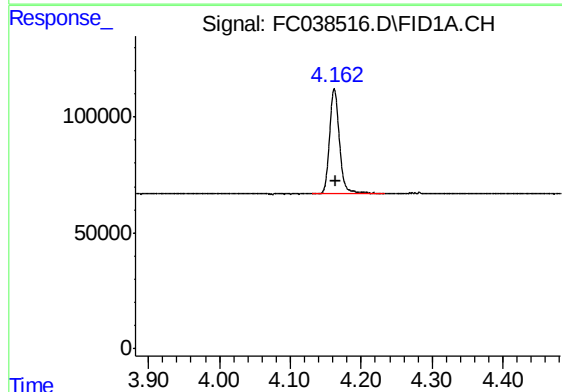
#1 n-Nonane (C9)

R.T.: 3.106 min
Delta R.T.: 0.000 min
Response: 451086
Conc: 4.95 ug/ml

Instrument :
FID_C
ClientSampleId :

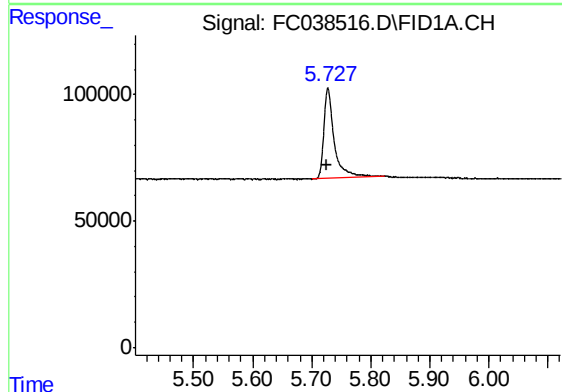
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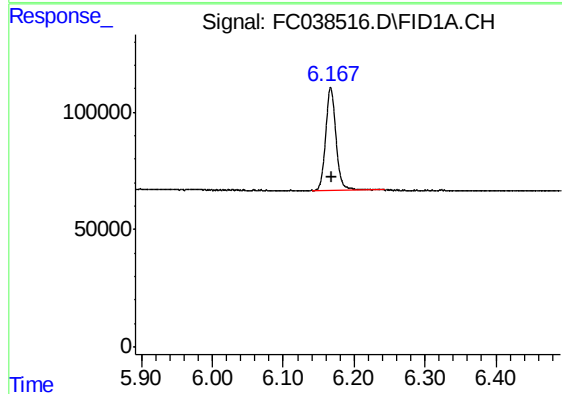
#2 n-Decane (C10)

R.T.: 4.162 min
Delta R.T.: -0.001 min
Response: 438179
Conc: 4.79 ug/ml



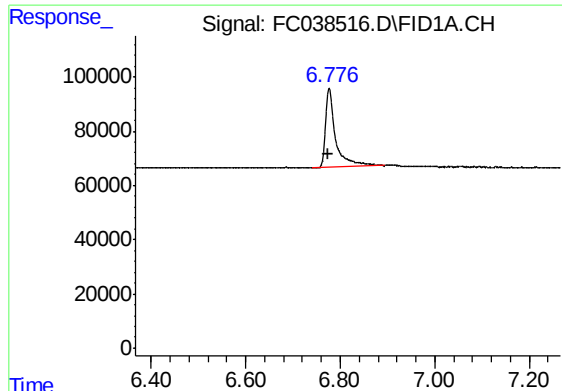
#3 A~Naphthalene (C11.7)

R.T.: 5.728 min
Delta R.T.: 0.002 min
Response: 441467
Conc: 4.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 441247
Conc: 4.80 ug/ml



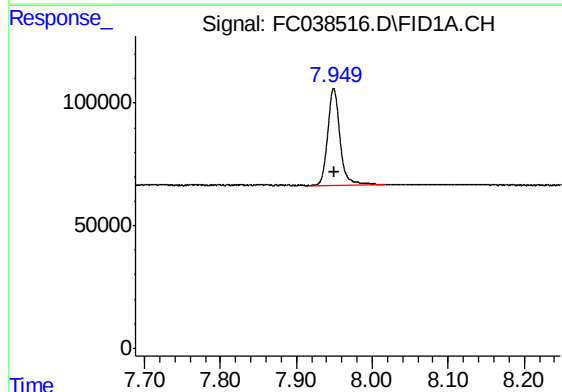
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.777 min
Delta R.T.: 0.002 min
Response: 426039
Conc: 4.28 ug/ml

Instrument :
FID_C
ClientSampleId :

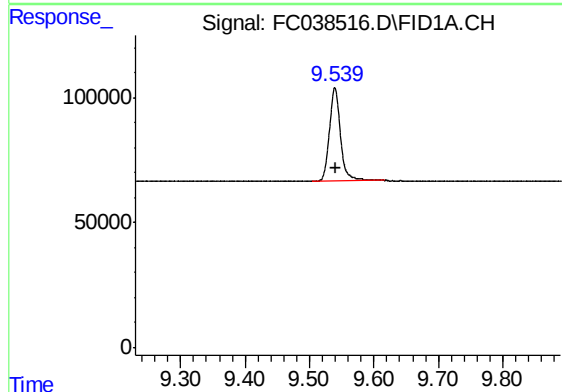
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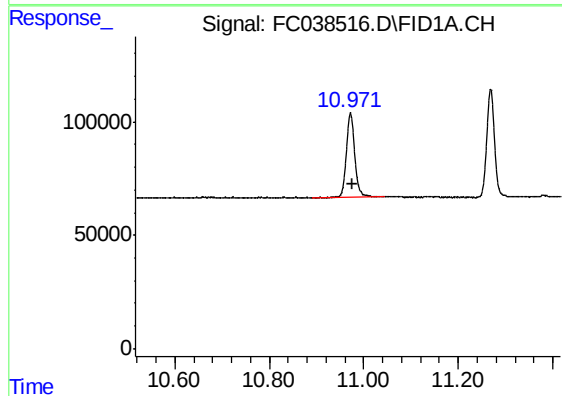
#6 n-Tetradecane (C14)

R.T.: 7.949 min
Delta R.T.: -0.001 min
Response: 435967
Conc: 4.71 ug/ml



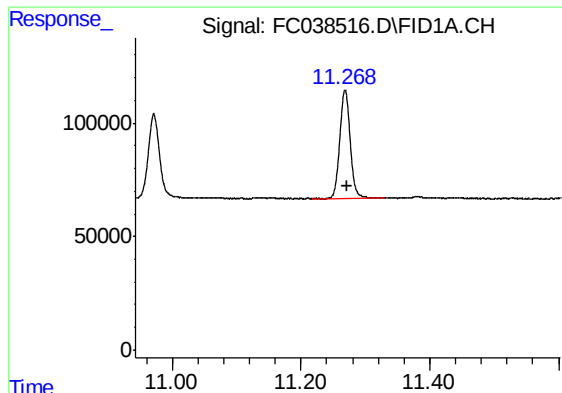
#7 n-Hexadecane (C16)

R.T.: 9.539 min
Delta R.T.: -0.002 min
Response: 439057
Conc: 4.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.972 min
Delta R.T.: -0.003 min
Response: 454051
Conc: 4.87 ug/ml



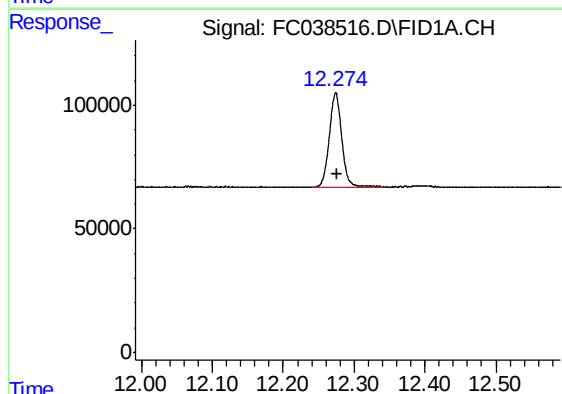
#9 ortho-Terphenyl (SURR)

R.T.: 11.269 min
Delta R.T.: -0.003 min
Response: 538572
Conc: 4.88 ug/ml

Instrument :
FID_C
ClientSampleId :

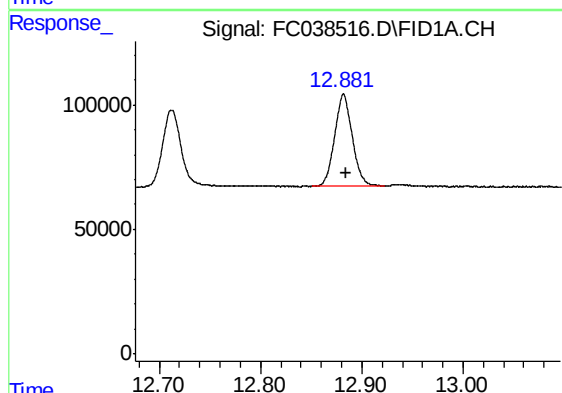
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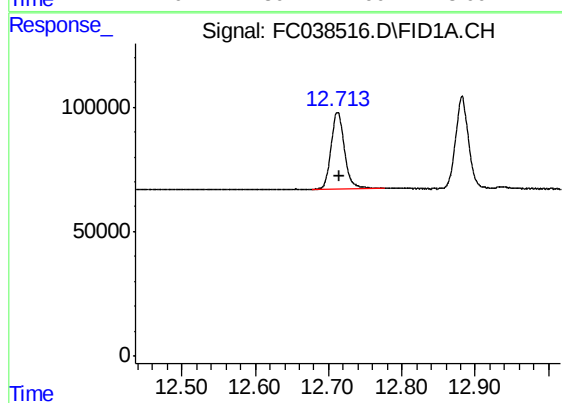
#10 n-Eicosane (C20)

R.T.: 12.274 min
Delta R.T.: -0.003 min
Response: 463322
Conc: 4.98 ug/ml



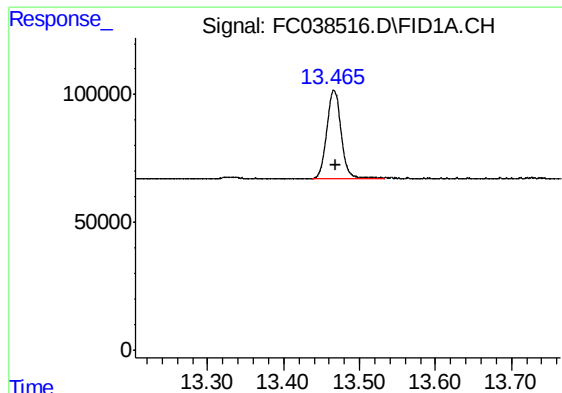
#11 n-Heneicosane (C21)

R.T.: 12.882 min
Delta R.T.: -0.003 min
Response: 446553
Conc: 4.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.712 min
Delta R.T.: -0.003 min
Response: 390492
Conc: 4.83 ug/ml



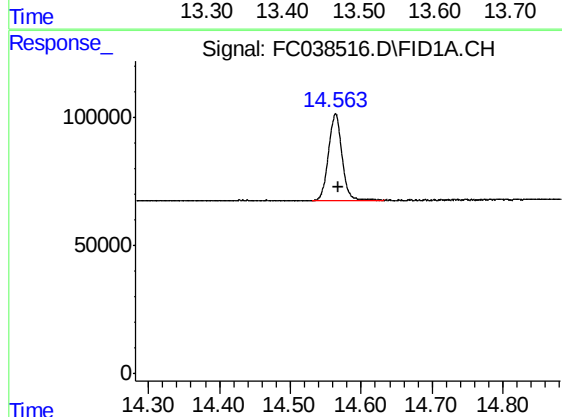
#13 n-Docosane (C22)

R.T.: 13.466 min
Delta R.T.: -0.003 min
Response: 449401
Conc: 4.95 ug/ml

Instrument :
FID_C
ClientSampleId :

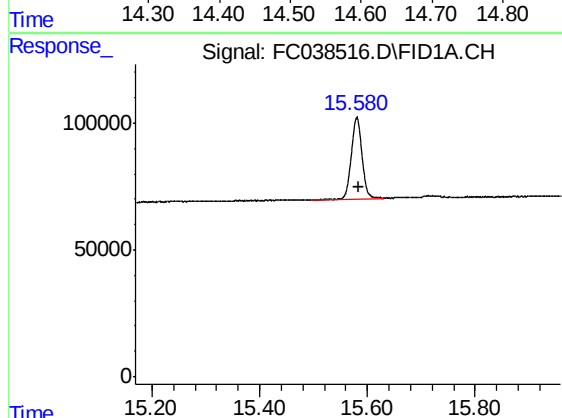
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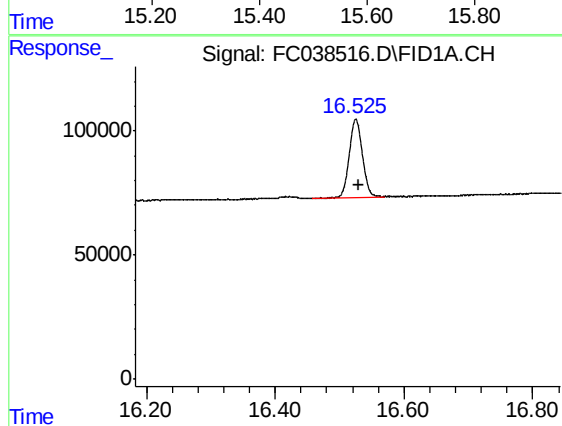
#14 n-Tetracosane (C24)

R.T.: 14.564 min
Delta R.T.: -0.003 min
Response: 441935
Conc: 4.92 ug/ml



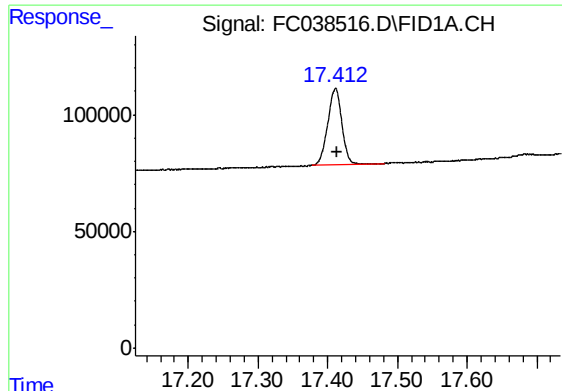
#15 n-Hexacosane (C26)

R.T.: 15.580 min
Delta R.T.: -0.002 min
Response: 437793
Conc: 4.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.525 min
Delta R.T.: -0.005 min
Response: 440220
Conc: 5.00 ug/ml



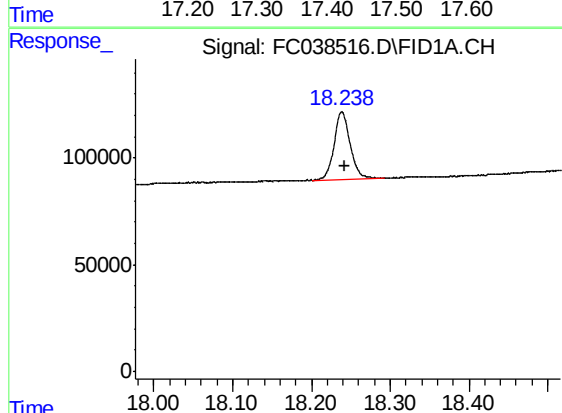
#17 n-Tricontane (C30)

R.T.: 17.411 min
Delta R.T.: -0.003 min
Response: 457302
Conc: 5.26 ug/ml

Instrument :
FID_C
ClientSampleId :

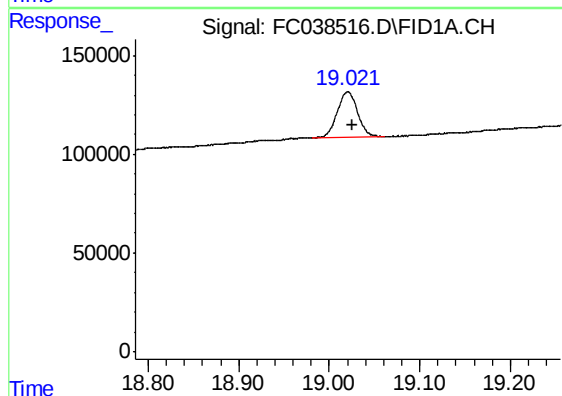
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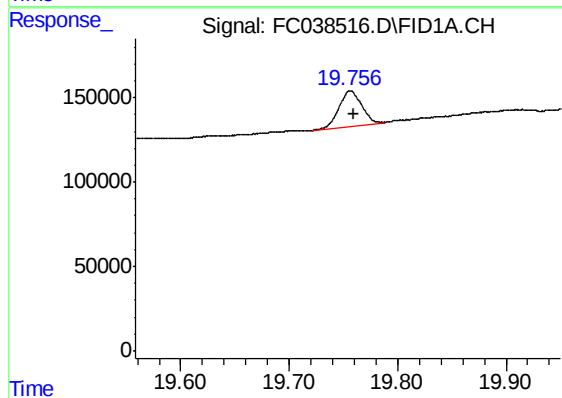
#18 n-Dotriacontane (C32)

R.T.: 18.239 min
Delta R.T.: -0.004 min
Response: 445787
Conc: 5.39 ug/ml



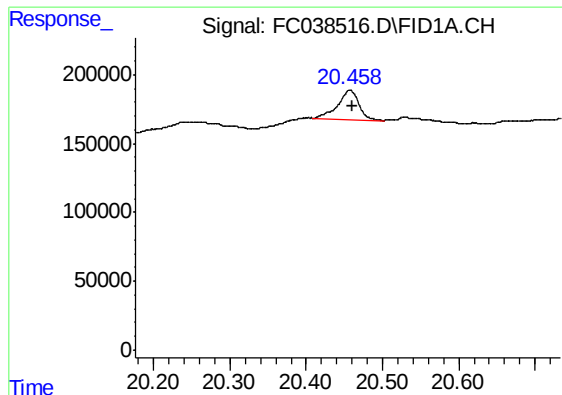
#19 n-Tetatriacontane (C34)

R.T.: 19.020 min
Delta R.T.: -0.004 min
Response: 356789
Conc: 5.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.757 min
Delta R.T.: -0.003 min
Response: 301919
Conc: 4.88 ug/ml



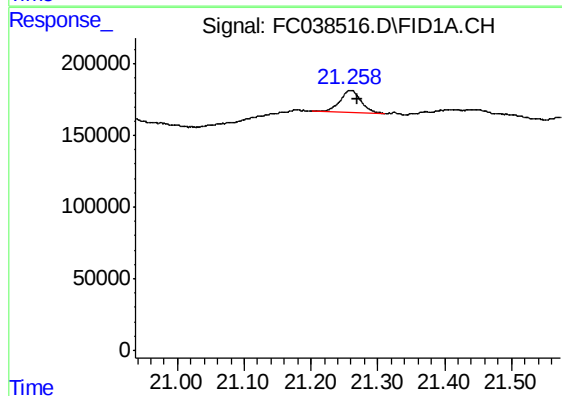
#21 n-Octatriacontane (C38)

R.T.: 20.458 min
Delta R.T.: -0.003 min
Response: 405569
Conc: 6.21 ug/ml m

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.258 min
Delta R.T.: -0.012 min
Response: 334804
Conc: 4.98 ug/ml m