

Data Path : X:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020619AL\
 Data File : FC039000.D
 Signal(s) : FID1A.CH
 Acq On : 06 Feb 2019 14:15
 Operator : AJ\SJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Sohil
 2/8/2019 5:11:25 PM

Integration File: autoint1.e
 Quant Time: Feb 07 03:08:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020619.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 07 03:01:52 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)	11.231	817357	5.228 ug/ml
Spiked Amount 50.000		Recovery =	10.46%
12) S 1-chlorooctadecane (S...	12.674	612049	5.191 ug/ml
Spiked Amount 50.000		Recovery =	10.38%
Target Compounds			
1) T n-Nonane (C9)	3.083	547500	5.275 ug/ml
2) T n-Decane (C10)	4.136	521509	5.059 ug/ml
3) T A~Naphthalene (C11.7)	5.699	522250	4.654 ug/ml
4) T n-Dodecane (C12)	6.137	549867	5.204 ug/ml
5) T A~2-methylnaphthalene...	6.746	505546	4.546 ug/ml
6) T n-Tetradecane (C14)	7.917	561774	5.159 ug/ml
7) T n-Hexadecane (C16)	9.505	581768	5.169 ug/ml
8) T n-Octadecane (C18)	10.936	623255	5.324 ug/ml
10) T n-Eicosane (C20)	12.236	633316	5.318 ug/ml
11) T n-Heneicosane (C21)	12.844	620339	5.271 ug/ml
13) T n-Docosane (C22)	13.427	621924	5.276 ug/ml
14) T n-Tetracosane (C24)	14.524	626158	5.310 ug/ml
15) T n-Hexacosane (C26)	15.539	624481	5.371 ug/ml
16) T n-Octacosane (C28)	16.483	634884	5.448 ug/ml
17) T n-Tricontane (C30)	17.366	651084	5.610 ug/ml
18) T n-Dotriacontane (C32)	18.194	612200	5.629 ug/ml
19) T n-Tetratriacontane (C34)	18.975	501164	5.411 ug/ml
20) T n-Hexatriacontane (C36)	19.712	421405	5.305 ug/ml
21) T n-Octatriacontane (C38)	20.409	387513	5.276 ug/ml
22) T n-Tetracontane (C40)	21.198	406735	5.451 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : X:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020619AL\
Data File : FC039000.D
Signal(s) : FID1A.CH
Acq On : 06 Feb 2019 14:15
Operator : AJ\SJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 6 Sample Multiplier: 1

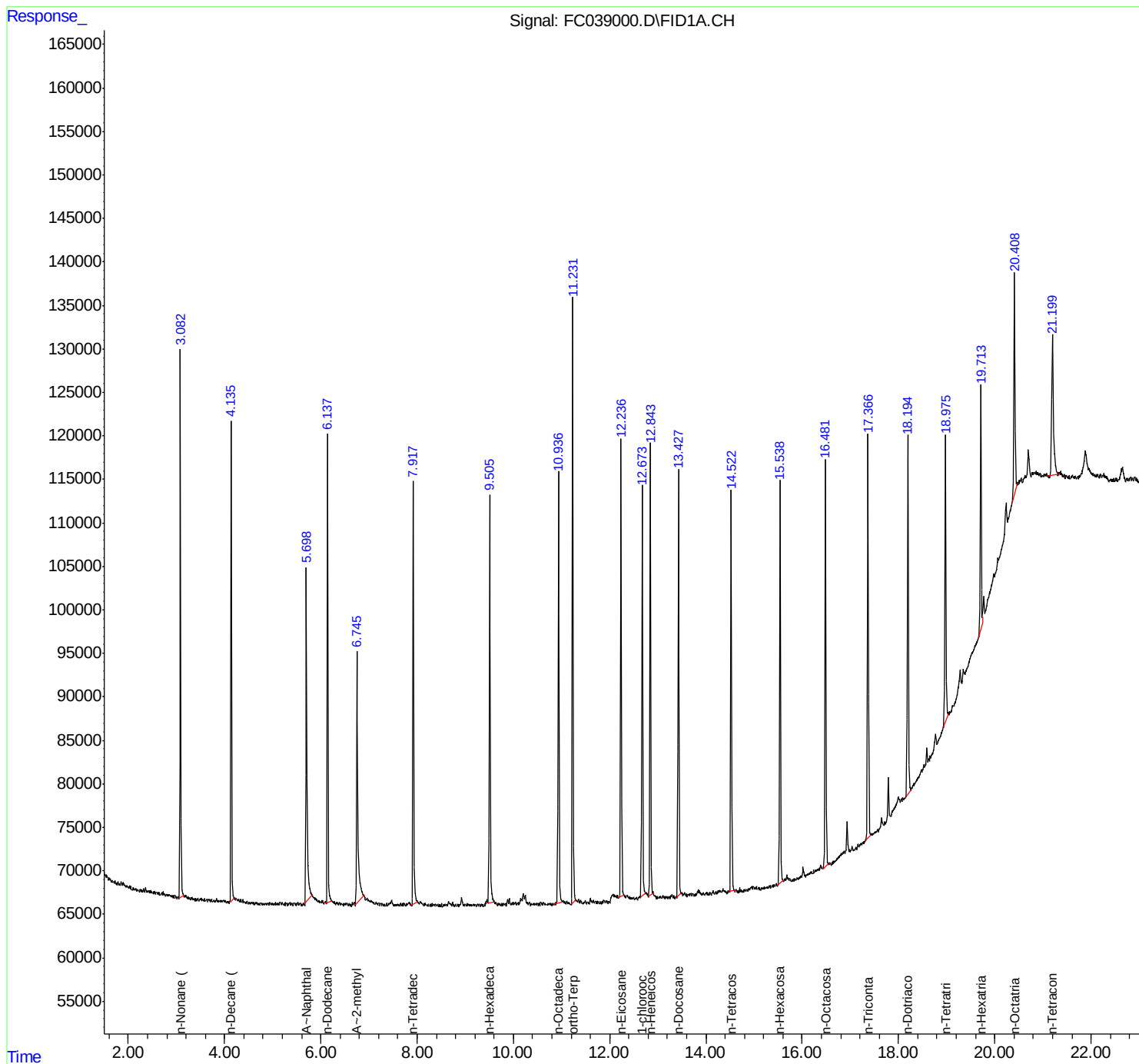
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

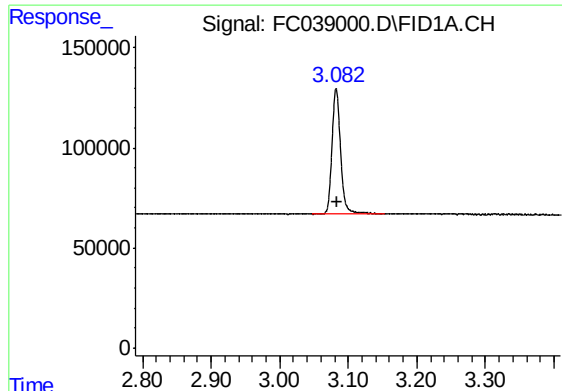
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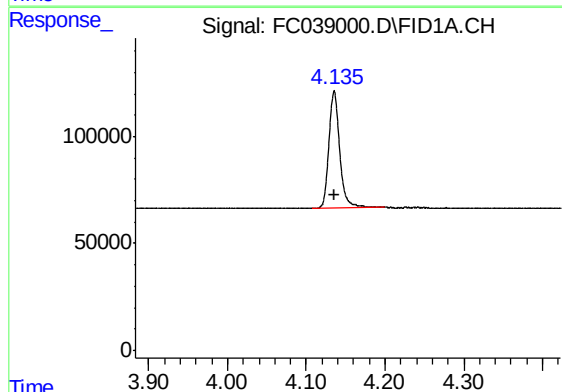
#1 n-Nonane (C9)

R.T.: 3.083 min
Delta R.T.: 0.000 min
Response: 547500
Conc: 5.27 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

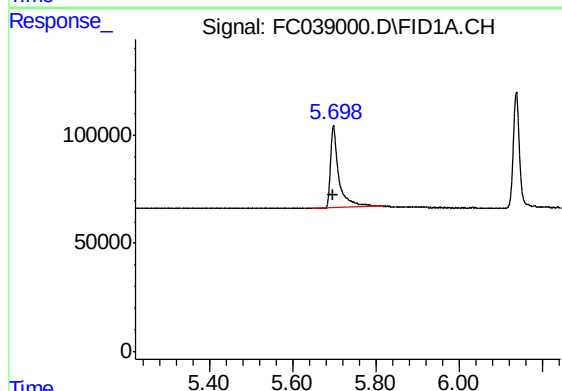
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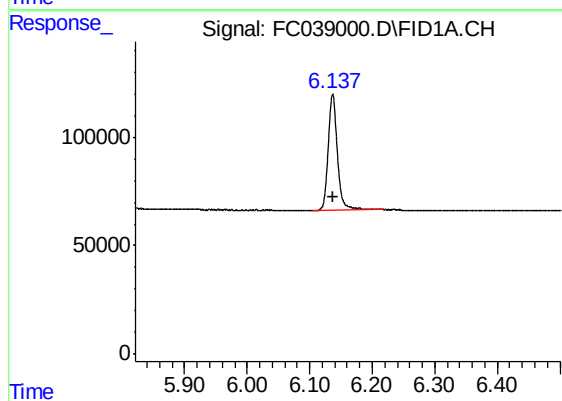
#2 n-Decane (C10)

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 521509
Conc: 5.06 ug/ml



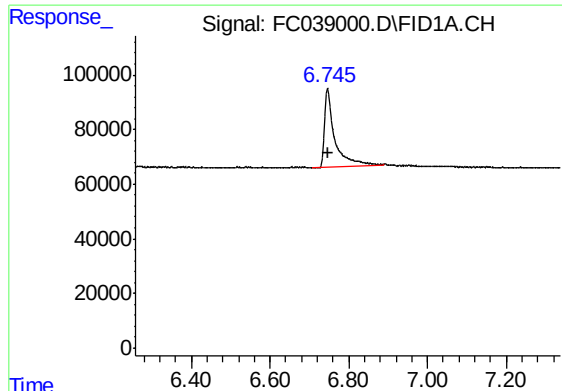
#3 A~Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 522250
Conc: 4.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 549867
Conc: 5.20 ug/ml



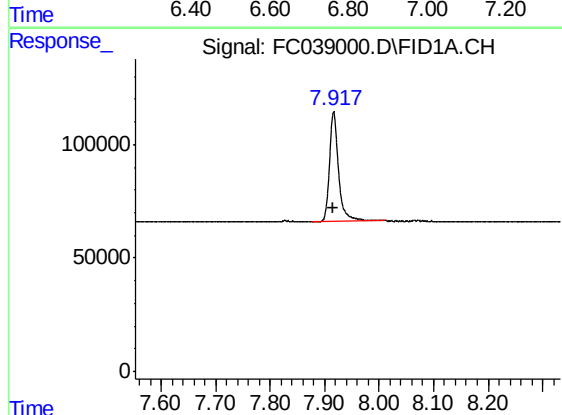
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 505546
Conc: 4.55 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

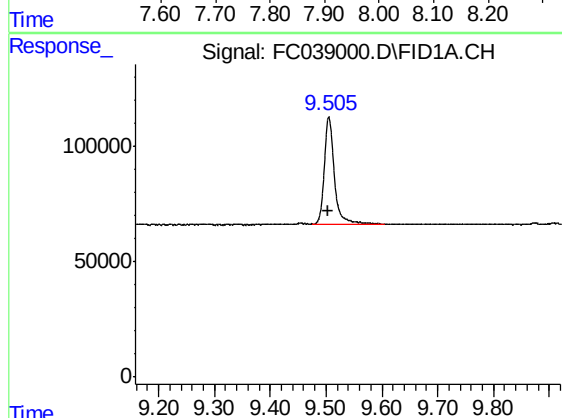
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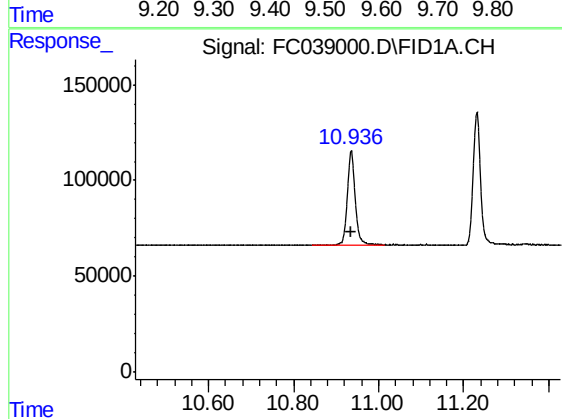
#6 n-Tetradecane (C14)

R.T.: 7.917 min
Delta R.T.: 0.000 min
Response: 561774
Conc: 5.16 ug/ml



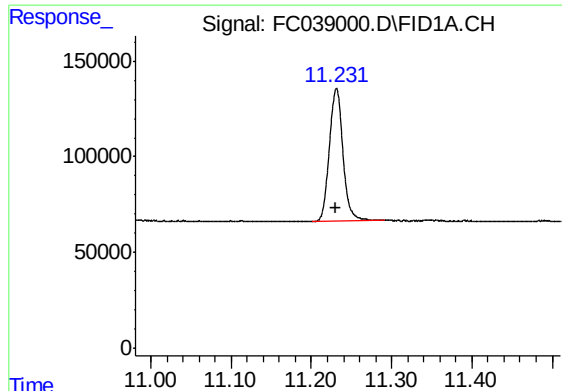
#7 n-Hexadecane (C16)

R.T.: 9.505 min
Delta R.T.: 0.000 min
Response: 581768
Conc: 5.17 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.936 min
Delta R.T.: 0.000 min
Response: 623255
Conc: 5.32 ug/ml



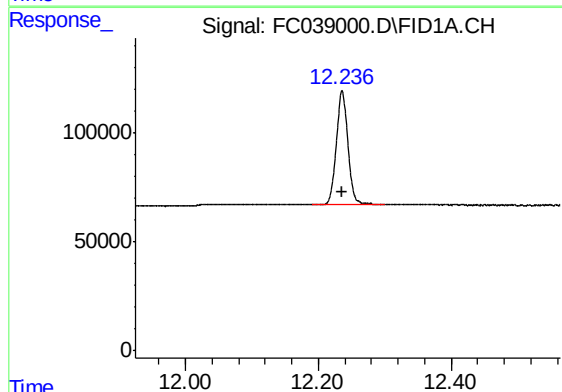
#9 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: 0.000 min
Response: 817357
Conc: 5.23 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

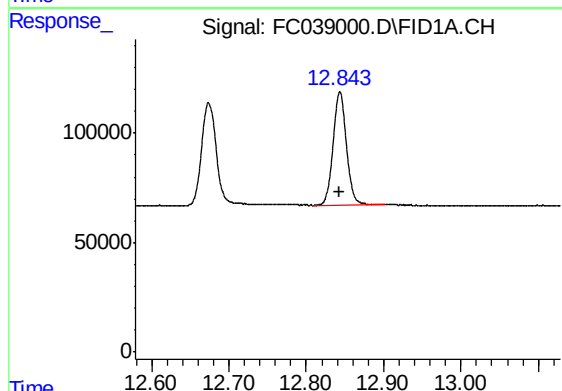
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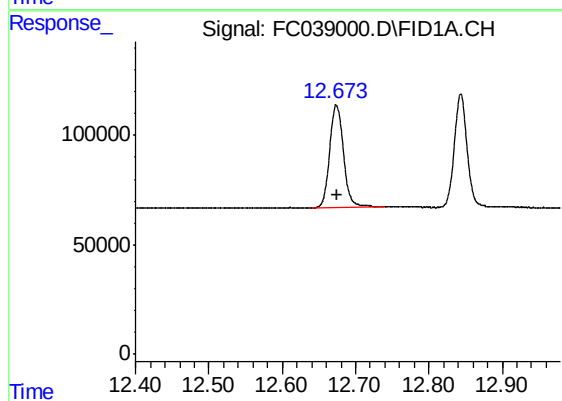
#10 n-Eicosane (C20)

R.T.: 12.236 min
Delta R.T.: 0.000 min
Response: 633316
Conc: 5.32 ug/ml



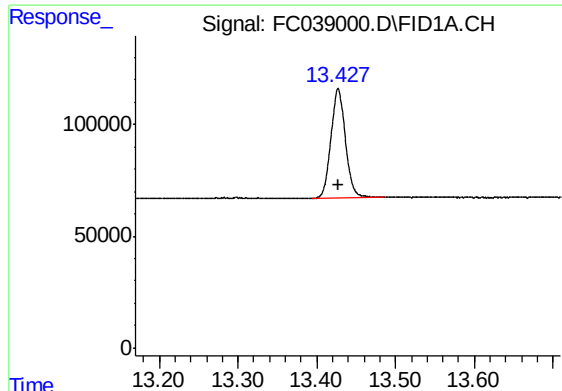
#11 n-Heneicosane (C21)

R.T.: 12.844 min
Delta R.T.: 0.000 min
Response: 620339
Conc: 5.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.674 min
Delta R.T.: 0.000 min
Response: 612049
Conc: 5.19 ug/ml



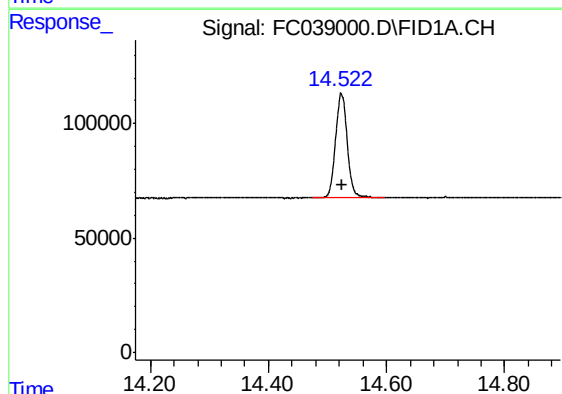
#13 n-Docosane (C22)

R.T.: 13.427 min
Delta R.T.: 0.000 min
Response: 621924
Conc: 5.28 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

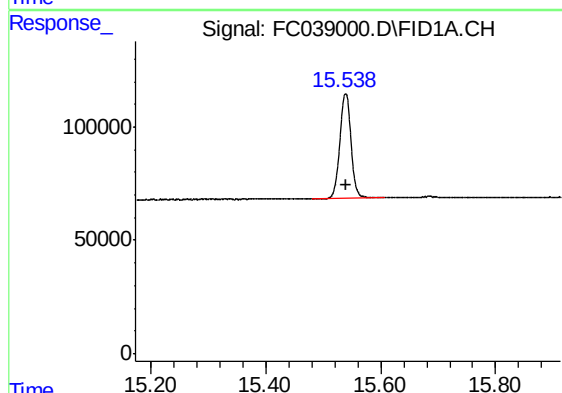
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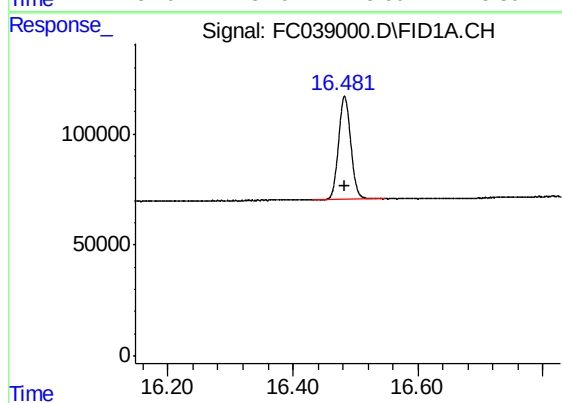
#14 n-Tetracosane (C24)

R.T.: 14.524 min
Delta R.T.: 0.000 min
Response: 626158
Conc: 5.31 ug/ml



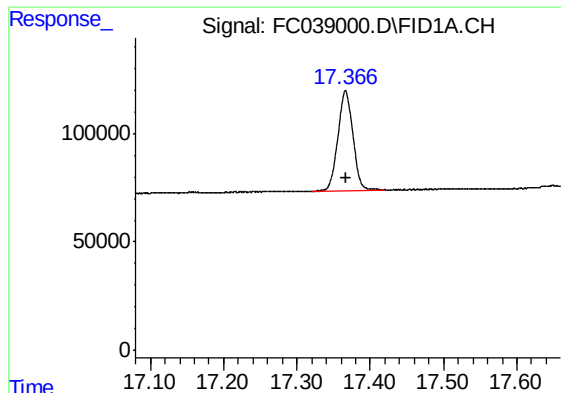
#15 n-Hexacosane (C26)

R.T.: 15.539 min
Delta R.T.: 0.000 min
Response: 624481
Conc: 5.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.483 min
Delta R.T.: 0.000 min
Response: 634884
Conc: 5.45 ug/ml



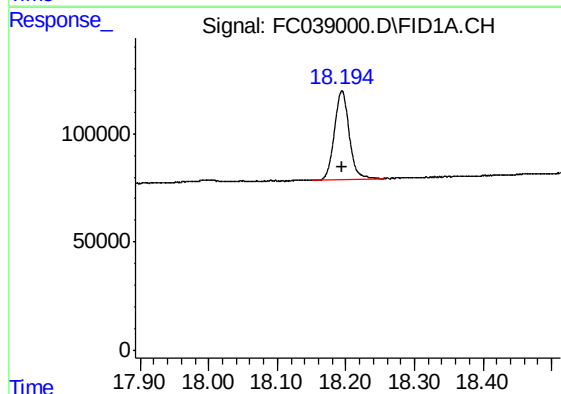
#17 n-Tricontane (C30)

R.T.: 17.366 min
Delta R.T.: 0.000 min
Response: 651084
Conc: 5.61 ug/ml

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5 PPM ALIPHATIC HC STD5

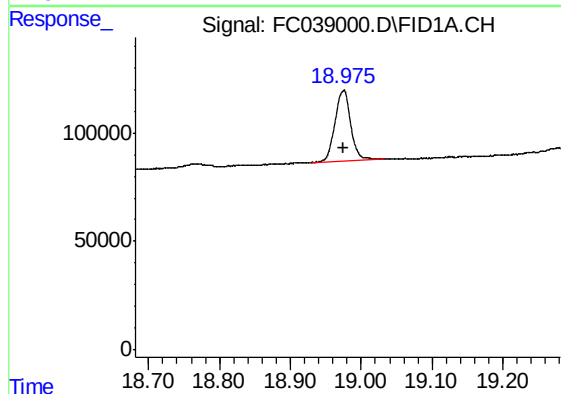
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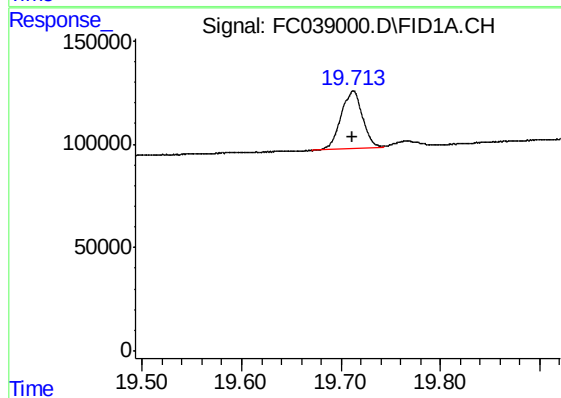
#18 n-Dotriacontane (C32)

R.T.: 18.194 min
Delta R.T.: 0.000 min
Response: 612200
Conc: 5.63 ug/ml



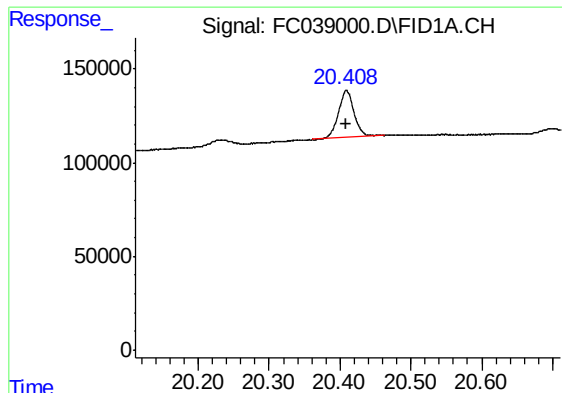
#19 n-Tetatriacontane (C34)

R.T.: 18.975 min
Delta R.T.: 0.000 min
Response: 501164
Conc: 5.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.712 min
Delta R.T.: 0.000 min
Response: 421405
Conc: 5.31 ug/ml



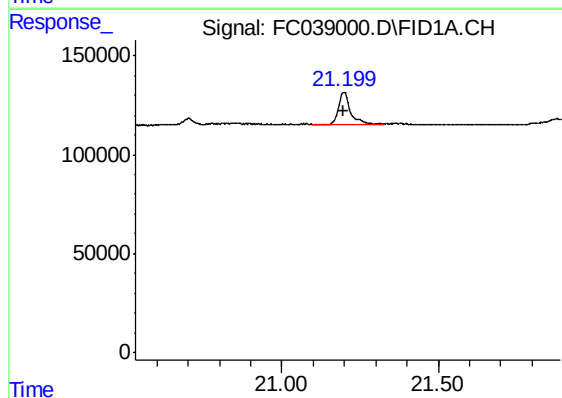
#21 n-Octatriacontane (C38)

R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 387513
Conc: 5.28 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.198 min
Delta R.T.: 0.000 min
Response: 406735
Conc: 5.45 ug/ml