

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010919AL\
 Data File : FC038530.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jan 2019 00:43
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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Sohil
 1/10/2019 10:42:29 AM

Integration File: autoint1.e
 Quant Time: Jan 10 06:11:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010919.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 05:47:13 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)	11.264	2431680	22.526 ug/ml
Spiked Amount 50.000		Recovery =	45.05%
12) S 1-chlorooctadecane (S...	12.708	1729331	21.906 ug/ml
Spiked Amount 50.000		Recovery =	43.81%
Target Compounds			
1) T n-Nonane (C9)	3.104	1878899	21.027 ug/ml
2) T n-Decane (C10)	4.160	1885783	21.200 ug/ml
3) T A~Naphthalene (C11.7)	5.721	2165697	22.180 ug/ml
4) T n-Dodecane (C12)	6.165	1917638	21.400 ug/ml
5) T A~2-methylnaphthalene...	6.769	2183827	22.764 ug/ml
6) T n-Tetradecane (C14)	7.947	1948279	21.650 ug/ml
7) T n-Hexadecane (C16)	9.536	1986028	21.918 ug/ml
8) T n-Octadecane (C18)	10.968	1983996	21.745 ug/ml
10) T n-Eicosane (C20)	12.269	1976401	21.618 ug/ml
11) T n-Heneicosane (C21)	12.877	1967644	21.994 ug/mlm
13) T n-Docosane (C22)	13.460	1953500	21.888 ug/mlm
14) T n-Tetracosane (C24)	14.558	1908069	21.609 ug/ml
15) T n-Hexacosane (C26)	15.575	1915065	22.012 ug/ml
16) T n-Octacosane (C28)	16.521	1893041	21.794 ug/ml
17) T n-Tricontane (C30)	17.403	1826036	21.139 ug/mlm
18) T n-Dotriacontane (C32)	18.234	1682210	20.674 ug/ml
19) T n-Tetratriacontane (C34)	19.014	1436094	21.194 ug/ml
20) T n-Hexatriacontane (C36)	19.752	1230324	20.583 ug/ml
21) T n-Octatriacontane (C38)	20.451	1208497	18.983 ug/mlm
22) T n-Tetracontane (C40)	21.252	1321203	22.716 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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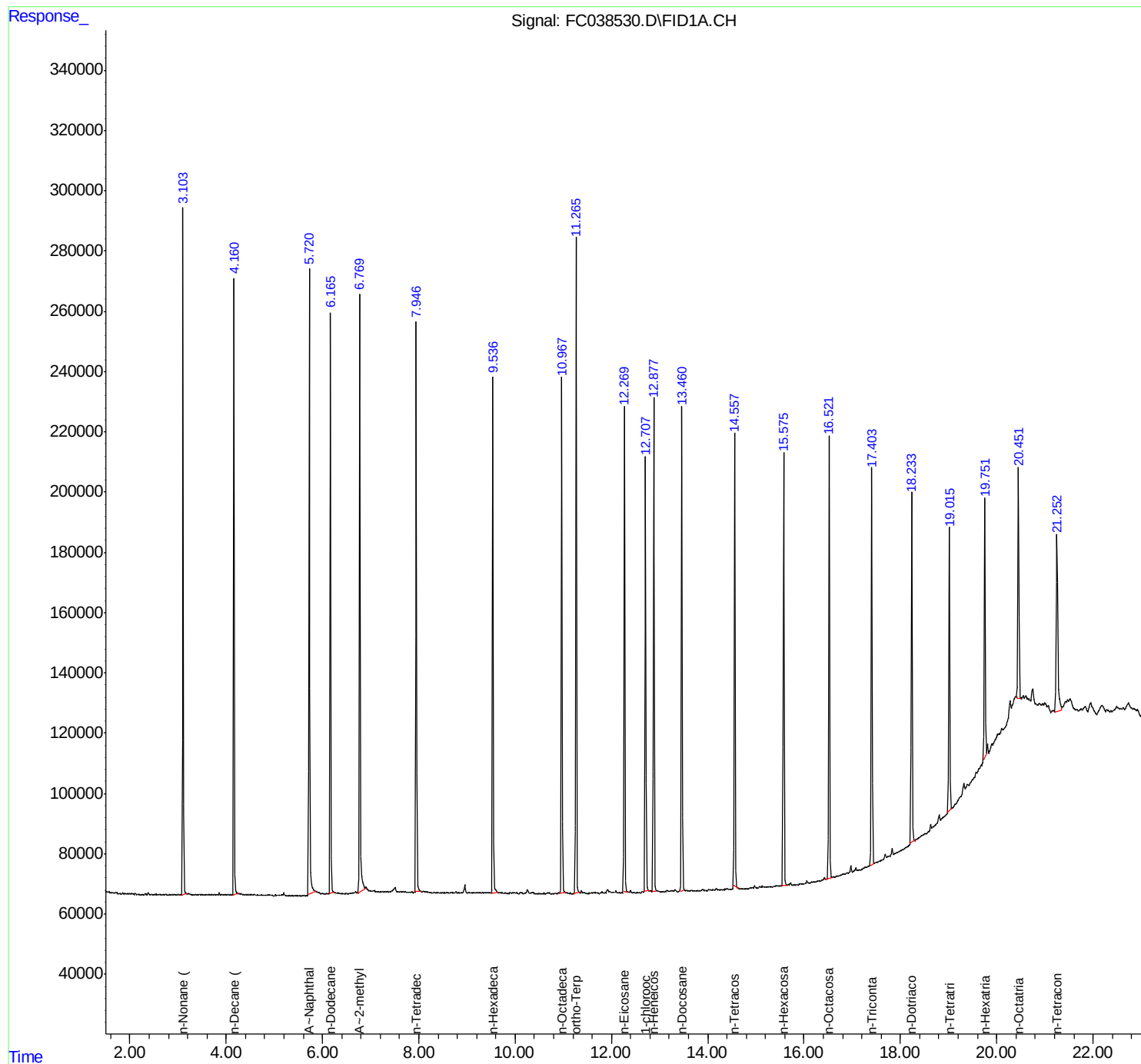
Instrument :
FID_C
ClientSampled :

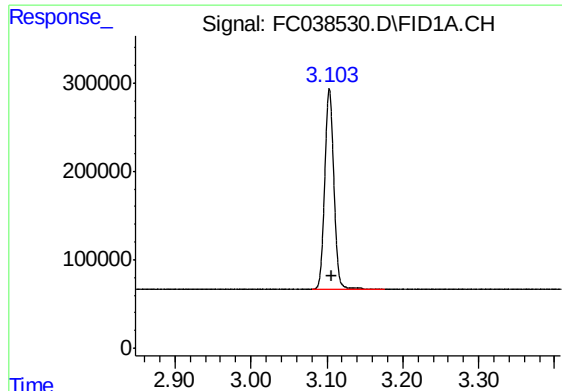
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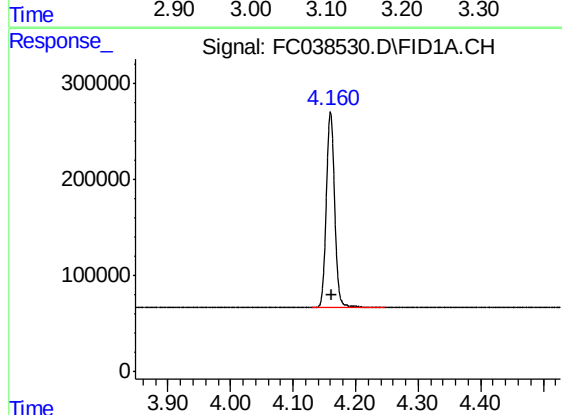
#1 n-Nonane (C9)

R.T.: 3.104 min
Delta R.T.: -0.002 min
Response: 1878899
Conc: 21.03 ug/ml

Instrument :
FID_C
ClientSampleId :

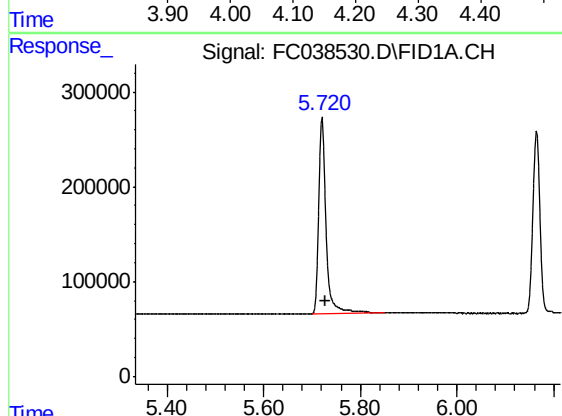
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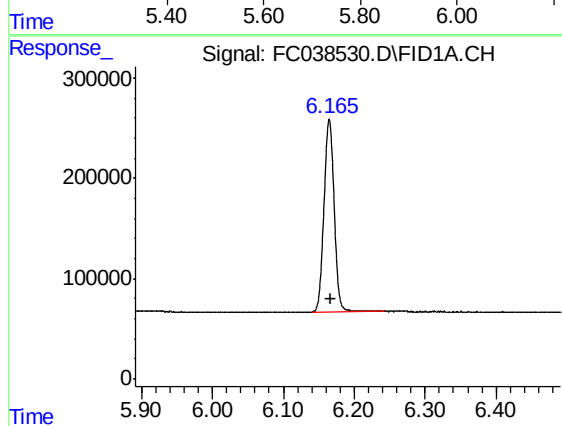
#2 n-Decane (C10)

R.T.: 4.160 min
Delta R.T.: -0.002 min
Response: 1885783
Conc: 21.20 ug/ml



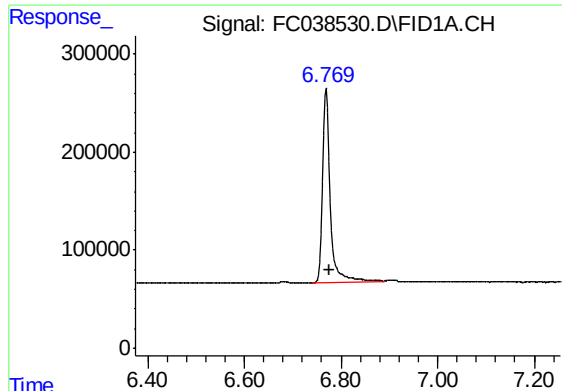
#3 A~Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: -0.007 min
Response: 2165697
Conc: 22.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.165 min
Delta R.T.: -0.002 min
Response: 1917638
Conc: 21.40 ug/ml



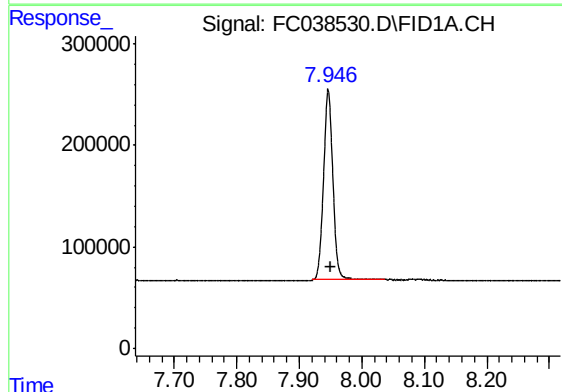
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.769 min
Delta R.T.: -0.008 min
Response: 2183827
Conc: 22.76 ug/ml

Instrument :
FID_C
ClientSampleId :

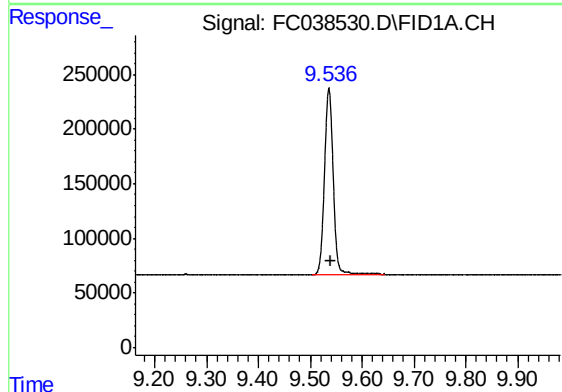
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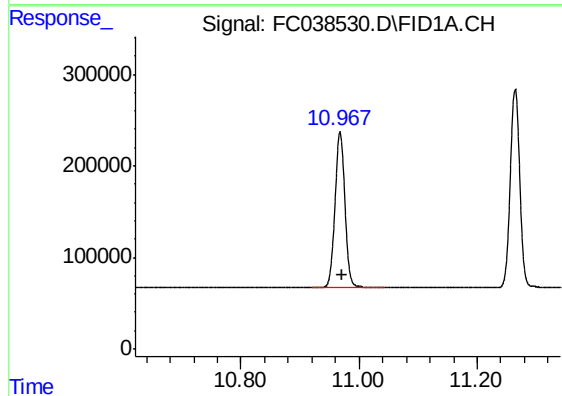
#6 n-Tetradecane (C14)

R.T.: 7.947 min
Delta R.T.: -0.003 min
Response: 1948279
Conc: 21.65 ug/ml



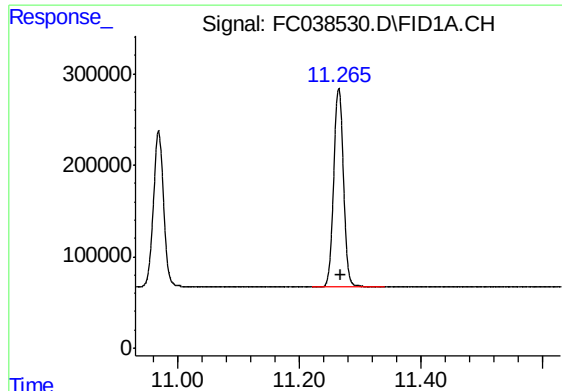
#7 n-Hexadecane (C16)

R.T.: 9.536 min
Delta R.T.: -0.003 min
Response: 1986028
Conc: 21.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.968 min
Delta R.T.: -0.004 min
Response: 1983996
Conc: 21.74 ug/ml



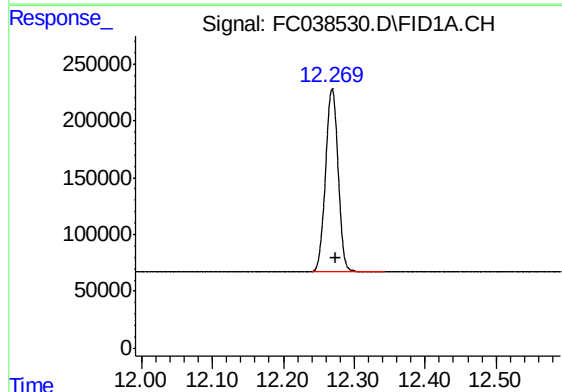
#9 ortho-Terphenyl (SURR)

R.T.: 11.264 min
Delta R.T.: -0.004 min
Response: 2431680
Conc: 22.53 ug/ml

Instrument :
FID_C
ClientSampleId :

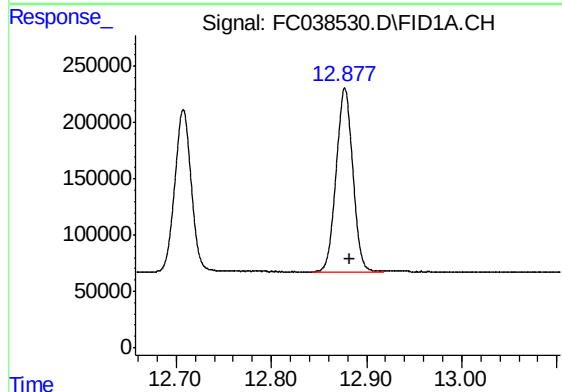
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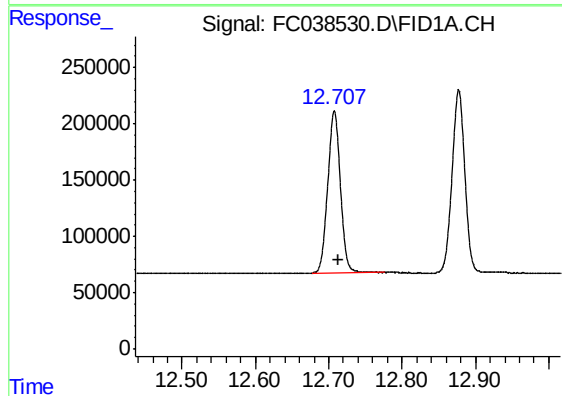
#10 n-Eicosane (C20)

R.T.: 12.269 min
Delta R.T.: -0.005 min
Response: 1976401
Conc: 21.62 ug/ml



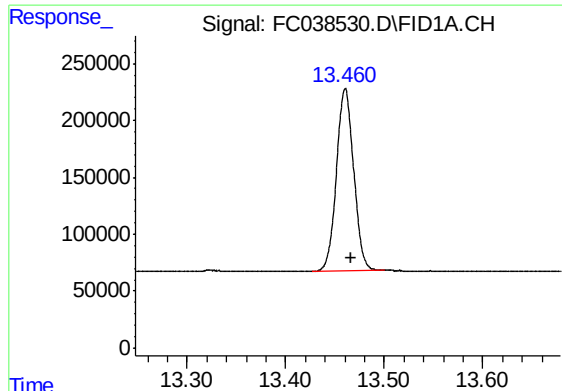
#11 n-Heneicosane (C21)

R.T.: 12.877 min
Delta R.T.: -0.005 min
Response: 1967644
Conc: 21.99 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.708 min
Delta R.T.: -0.005 min
Response: 1729331
Conc: 21.91 ug/ml



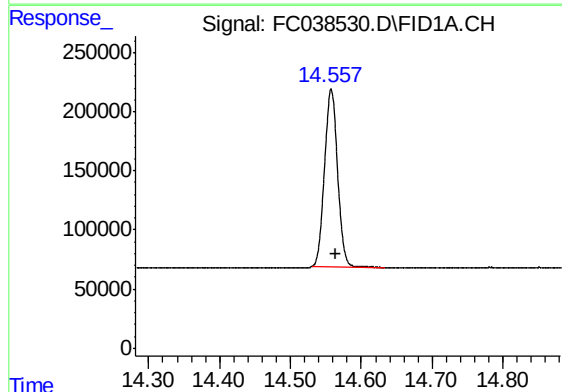
#13 n-Docosane (C22)

R.T.: 13.460 min
Delta R.T.: -0.006 min
Response: 1953500
Conc: 21.89 ug/ml m

Instrument :
FID_C
ClientSampleId :

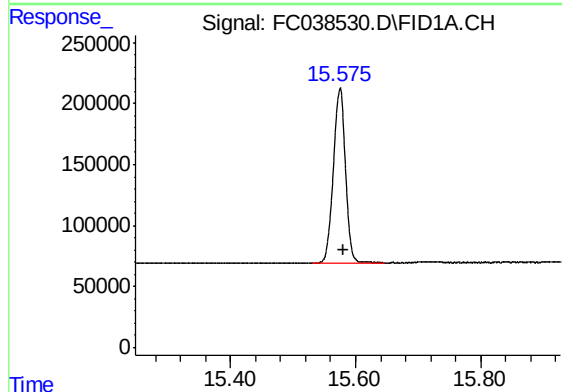
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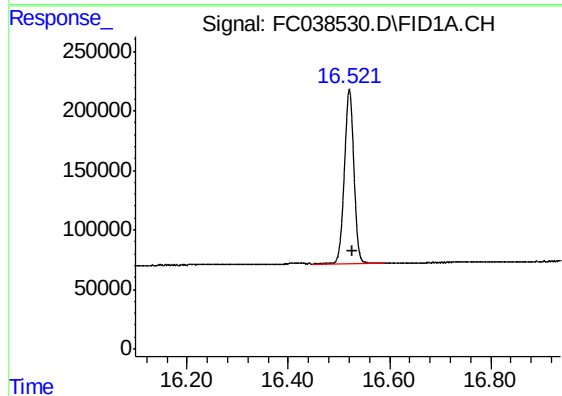
#14 n-Tetracosane (C24)

R.T.: 14.558 min
Delta R.T.: -0.006 min
Response: 1908069
Conc: 21.61 ug/ml



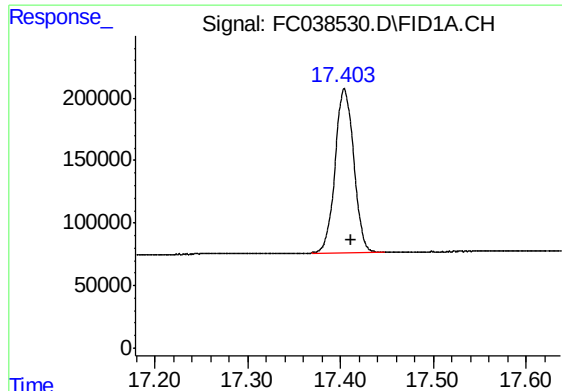
#15 n-Hexacosane (C26)

R.T.: 15.575 min
Delta R.T.: -0.005 min
Response: 1915065
Conc: 22.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.521 min
Delta R.T.: -0.005 min
Response: 1893041
Conc: 21.79 ug/ml



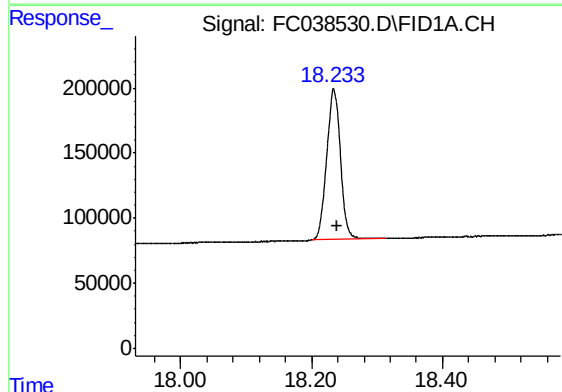
#17 n-Tricontane (C30)

R.T.: 17.403 min
Delta R.T.: -0.008 min
Response: 1826036
Conc: 21.14 ug/ml m

Instrument :
FID_C
ClientSampleId :

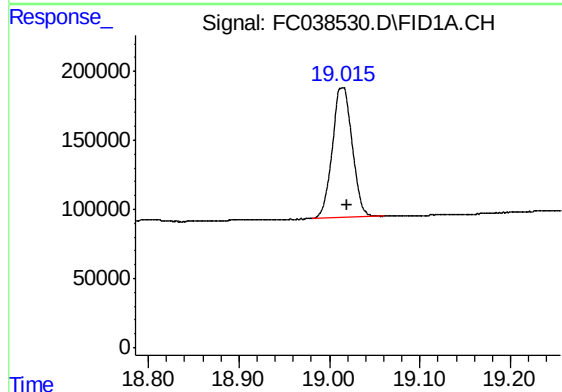
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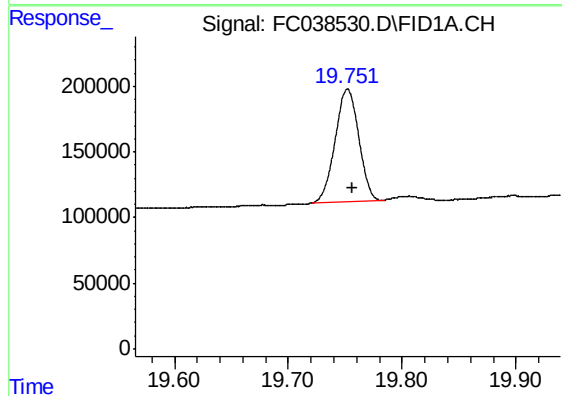
#18 n-Dotriacontane (C32)

R.T.: 18.234 min
Delta R.T.: -0.004 min
Response: 1682210
Conc: 20.67 ug/ml



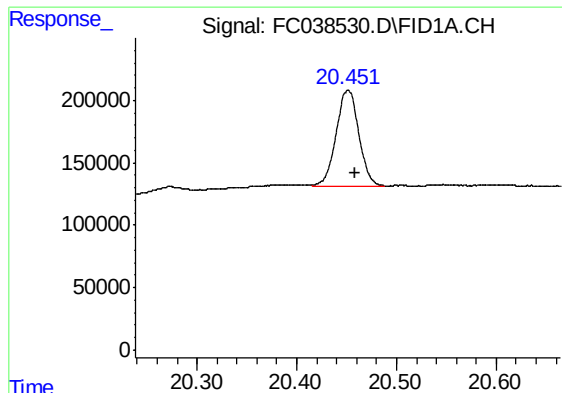
#19 n-Tetatriacontane (C34)

R.T.: 19.014 min
Delta R.T.: -0.006 min
Response: 1436094
Conc: 21.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.752 min
Delta R.T.: -0.005 min
Response: 1230324
Conc: 20.58 ug/ml



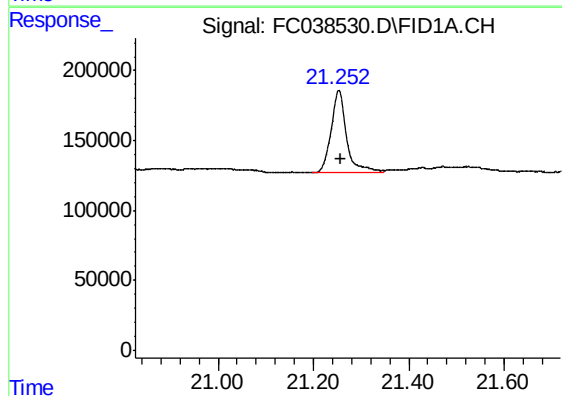
#21 n-Octatriacontane (C38)

R.T.: 20.451 min
Delta R.T.: -0.006 min
Response: 1208497
Conc: 18.98 ug/ml m

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.252 min
Delta R.T.: -0.006 min
Response: 1321203
Conc: 22.72 ug/ml m