

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050919AL\
 Data File : FC041106.D
 Signal(s) : FID1A.CH
 Acq On : 09 May 2019 11:02
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 5/10/2019 10:48:27 AM

Integration File: sample.E
 Quant Time: May 10 02:02:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042219.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 22 15:26:11 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)	11.025	2205479	21.170 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
12) S 1-chlorooctadecane (S...	12.451	1743492	21.042 ug/ml
Spiked Amount 50.000		Recovery =	42.08%
Target Compounds			
1) T n-Nonane (C9)	2.863	1777950	19.704 ug/ml
2) T n-Decane (C10)	3.884	1832950	19.959 ug/ml
3) T A~Naphthalene (C11.7)	5.459	2205960	21.228 ug/ml
4) T n-Dodecane (C12)	5.877	1872145	20.195 ug/ml
5) T A~2-methylnaphthalene...	6.508	2231991	21.281 ug/ml
6) T n-Tetradecane (C14)	7.665	1913764	20.104 ug/ml
7) T n-Hexadecane (C16)	9.262	1929464	20.038 ug/ml
8) T n-Octadecane (C18)	10.701	1943335	19.999 ug/ml
10) T n-Eicosane (C20)	12.007	1975623	20.616 ug/ml
11) T n-Heneicosane (C21)	12.617	1974443	21.102 ug/ml
13) T n-Docosane (C22)	13.202	1993041	21.540 ug/ml
14) T n-Tetracosane (C24)	14.304	2038189	22.368 ug/ml
15) T n-Hexacosane (C26)	15.323	2050808	22.849 ug/ml
16) T n-Octacosane (C28)	16.270	2091224	22.316 ug/ml
17) T n-Tricontane (C30)	17.157	2076125	19.424 ug/ml
18) T n-Dotriacontane (C32)	17.986	1929668	19.547 ug/mlm
19) T n-Tetratriacontane (C34)	18.803	1648264	21.648 ug/ml
20) T n-Hexatriacontane (C36)	19.828	1434162	21.516 ug/ml
21) T n-Octatriacontane (C38)	21.213	1260868	19.680 ug/ml
22) T n-Tetracontane (C40)	23.135	1095202	17.381 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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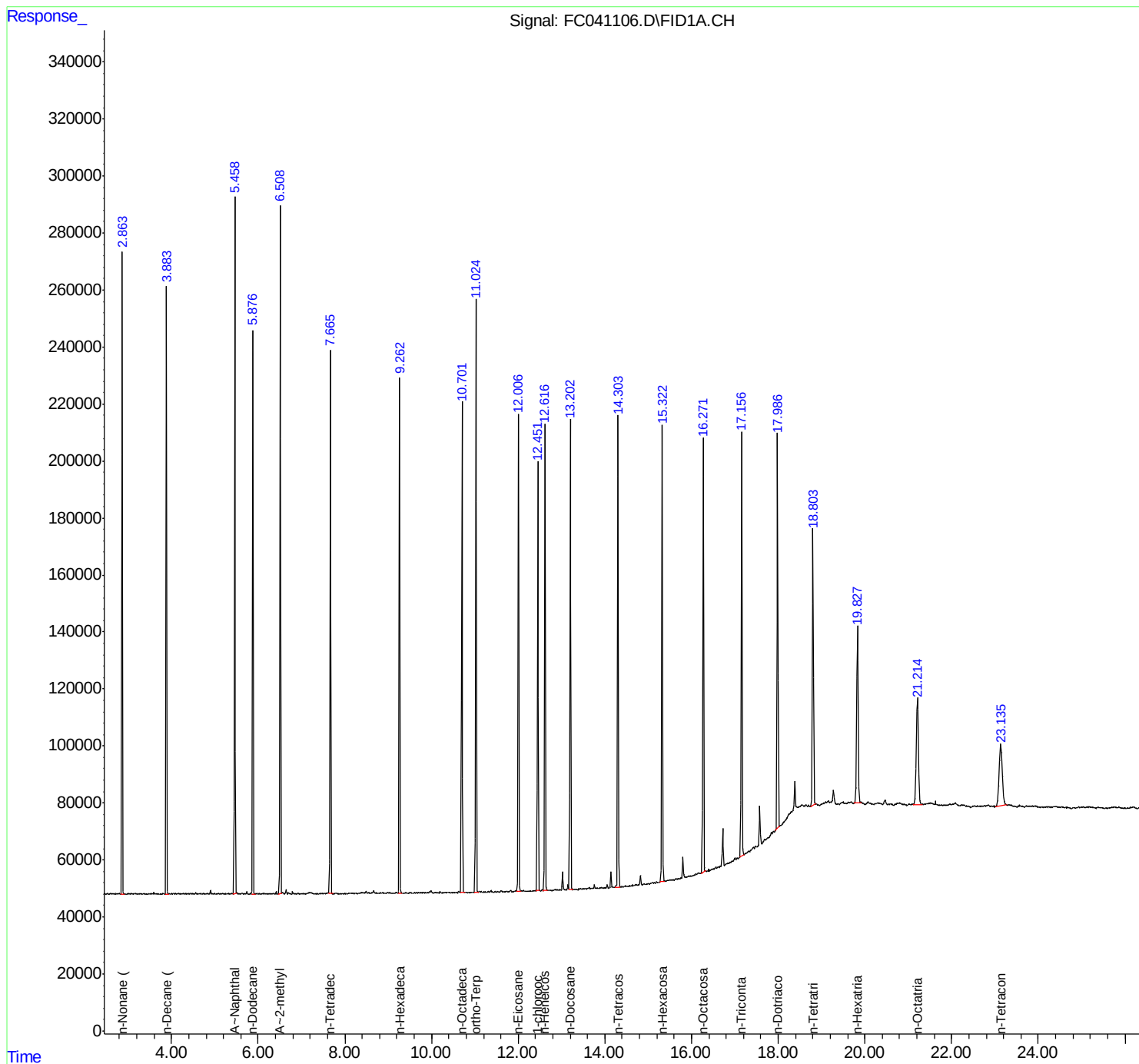
Instrument :
FID_C
ClientSampleId :

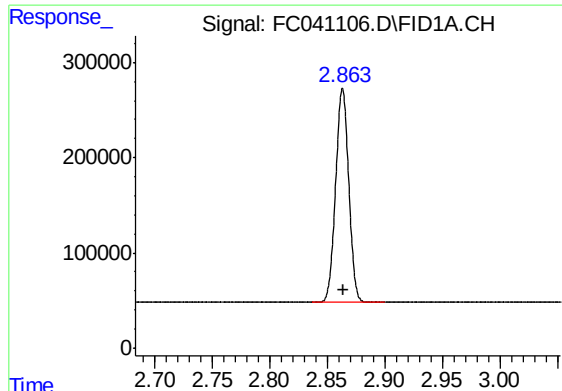
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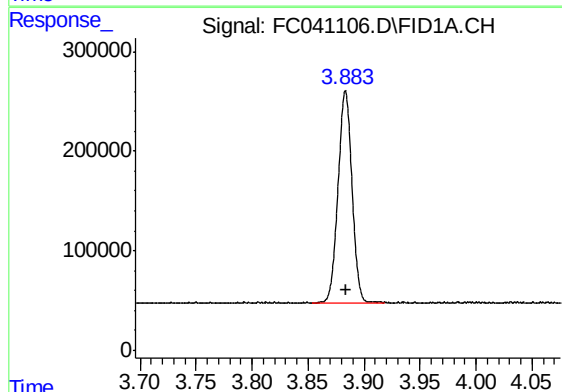
#1 n-Nonane (C9)

R.T.: 2.863 min
Delta R.T.: 0.000 min
Response: 1777950
Conc: 19.70 ug/ml

Instrument :
FID_C
ClientSampleId :

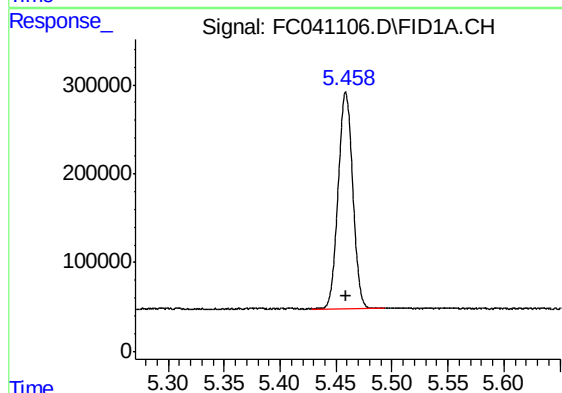
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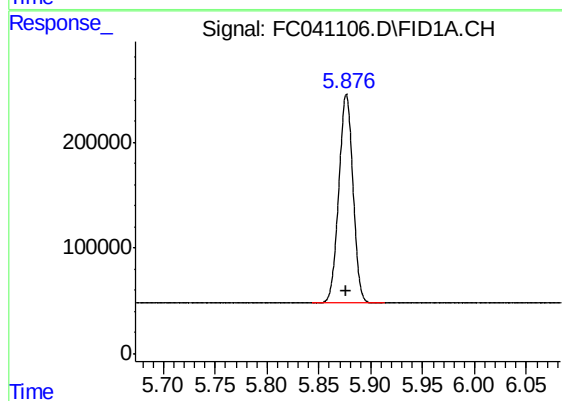
#2 n-Decane (C10)

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 1832950
Conc: 19.96 ug/ml



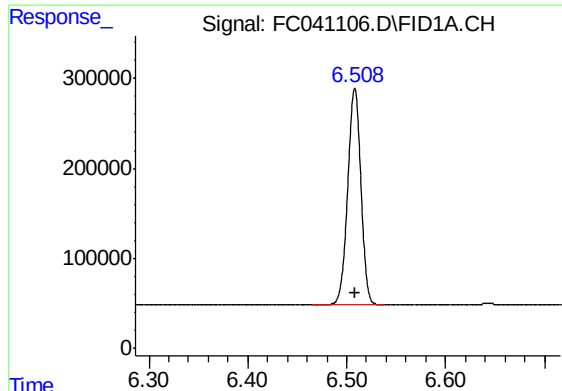
#3 A~Naphthalene (C11.7)

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 2205960
Conc: 21.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 1872145
Conc: 20.19 ug/ml



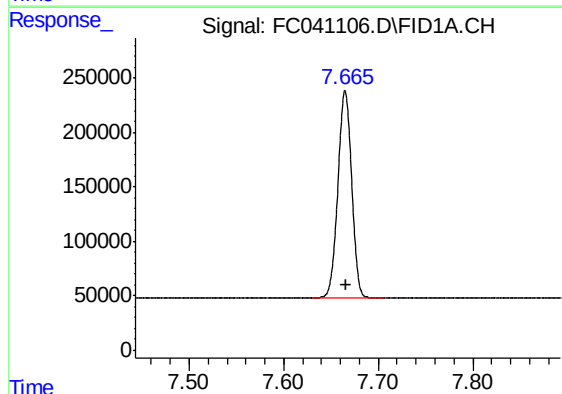
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 2231991
Conc: 21.28 ug/ml

Instrument :
FID_C
ClientSampleId :

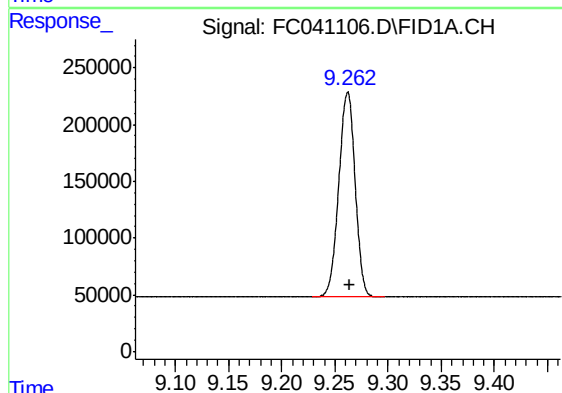
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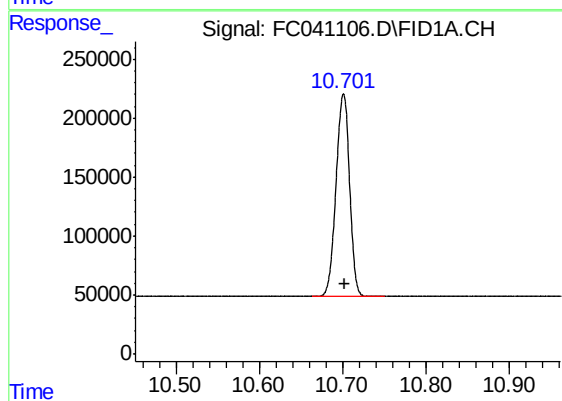
#6 n-Tetradecane (C14)

R.T.: 7.665 min
Delta R.T.: -0.001 min
Response: 1913764
Conc: 20.10 ug/ml



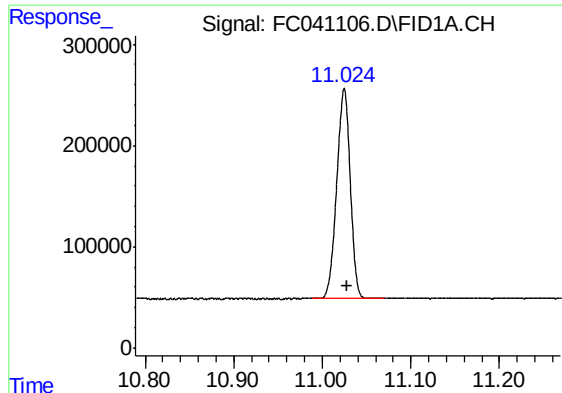
#7 n-Hexadecane (C16)

R.T.: 9.262 min
Delta R.T.: -0.002 min
Response: 1929464
Conc: 20.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.701 min
Delta R.T.: -0.002 min
Response: 1943335
Conc: 20.00 ug/ml



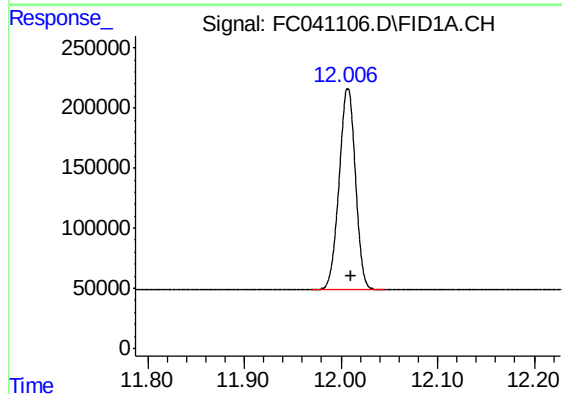
#9 ortho-Terphenyl (SURR)

R.T.: 11.025 min
Delta R.T.: -0.003 min
Response: 2205479
Conc: 21.17 ug/ml

Instrument :
FID_C
ClientSampleId :

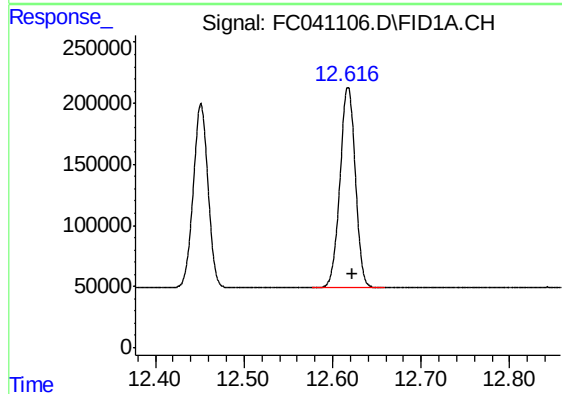
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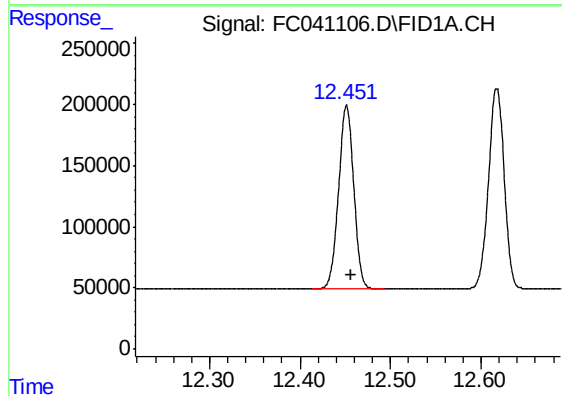
#10 n-Eicosane (C20)

R.T.: 12.007 min
Delta R.T.: -0.004 min
Response: 1975623
Conc: 20.62 ug/ml



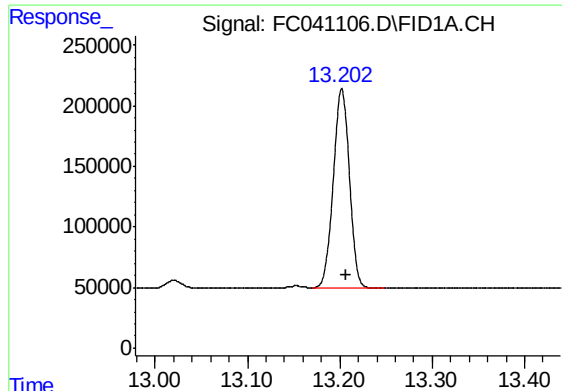
#11 n-Heneicosane (C21)

R.T.: 12.617 min
Delta R.T.: -0.004 min
Response: 1974443
Conc: 21.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.451 min
Delta R.T.: -0.005 min
Response: 1743492
Conc: 21.04 ug/ml



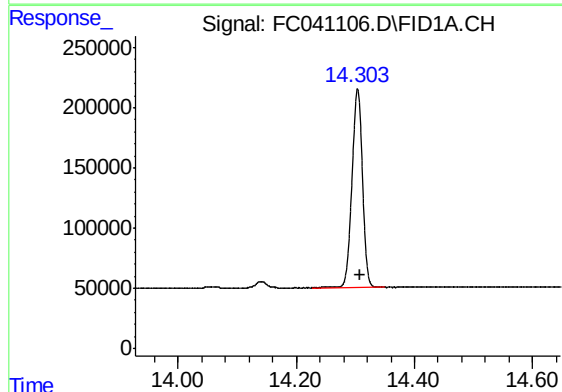
#13 n-Docosane (C22)

R.T.: 13.202 min
Delta R.T.: -0.005 min
Response: 1993041
Conc: 21.54 ug/ml

Instrument :
FID_C
ClientSampleId :

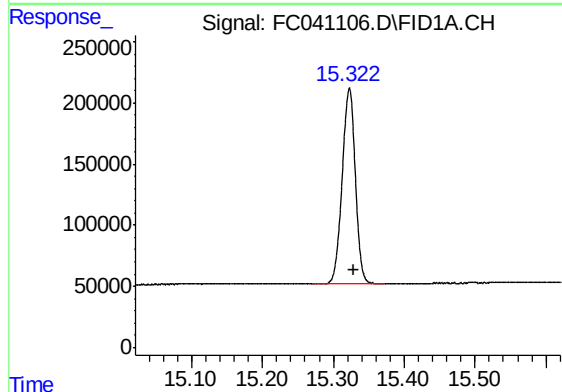
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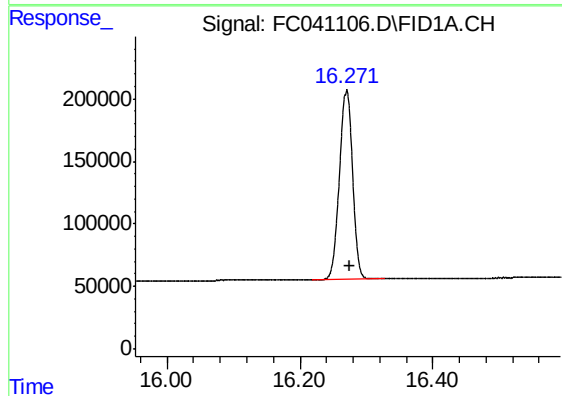
#14 n-Tetracosane (C24)

R.T.: 14.304 min
Delta R.T.: -0.004 min
Response: 2038189
Conc: 22.37 ug/ml



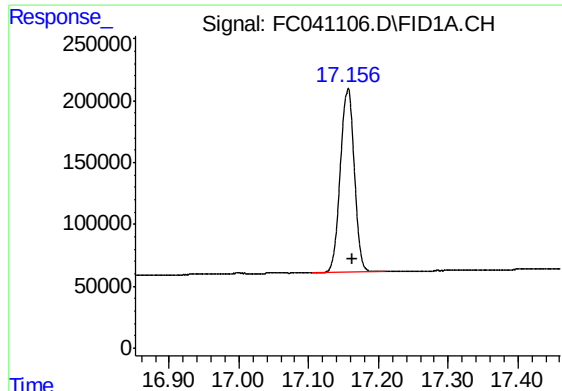
#15 n-Hexacosane (C26)

R.T.: 15.323 min
Delta R.T.: -0.005 min
Response: 2050808
Conc: 22.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.270 min
Delta R.T.: -0.005 min
Response: 2091224
Conc: 22.32 ug/ml



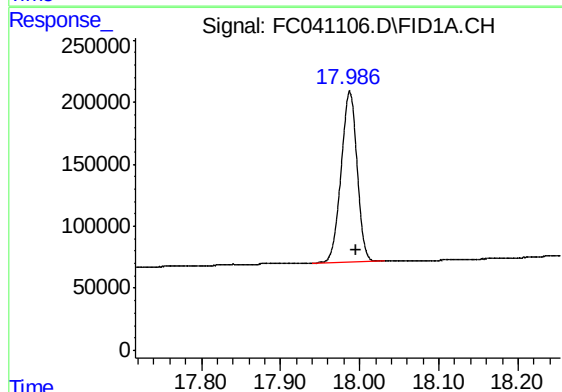
#17 n-Tricontane (C30)

R.T.: 17.157 min
Delta R.T.: -0.007 min
Response: 2076125
Conc: 19.42 ug/ml

Instrument :
FID_C
ClientSampleId :

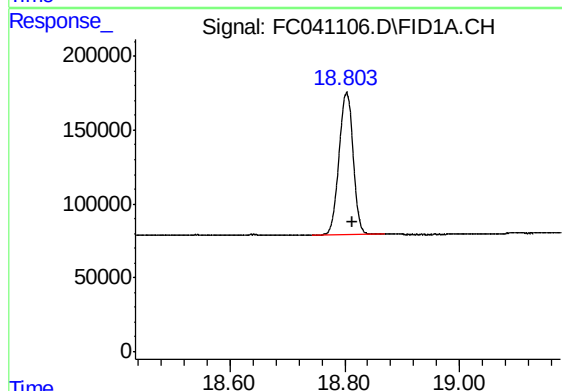
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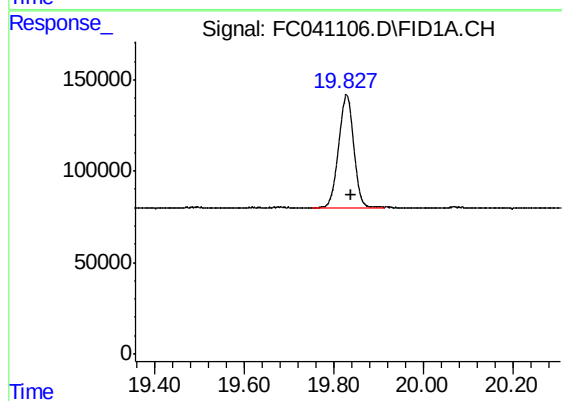
#18 n-Dotriacontane (C32)

R.T.: 17.986 min
Delta R.T.: -0.009 min
Response: 1929668
Conc: 19.55 ug/ml m



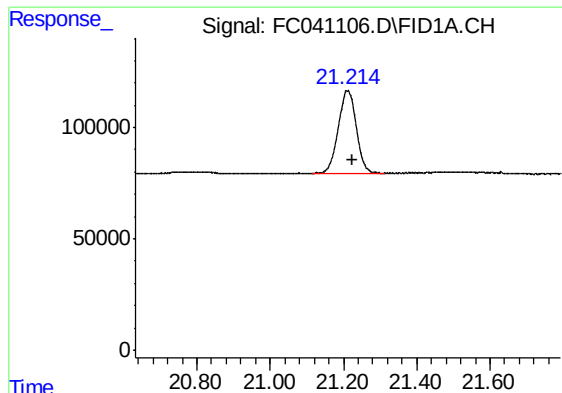
#19 n-Tetatriacontane (C34)

R.T.: 18.803 min
Delta R.T.: -0.010 min
Response: 1648264
Conc: 21.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.828 min
Delta R.T.: -0.012 min
Response: 1434162
Conc: 21.52 ug/ml



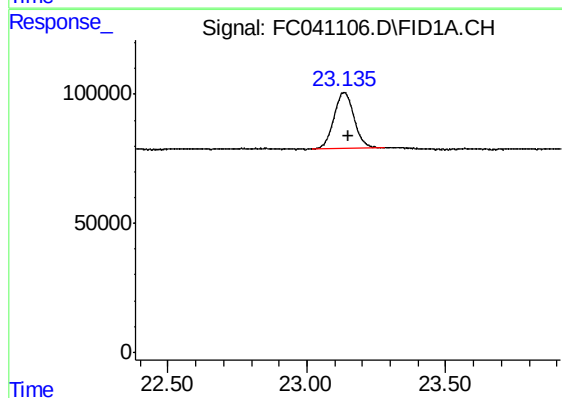
#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: -0.013 min
Response: 1260868
Conc: 19.68 ug/ml

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 23.135 min
Delta R.T.: -0.016 min
Response: 1095202
Conc: 17.38 ug/ml