

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032319AL\
 Data File : FC040065.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2019 12:11
 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

Integration File: sample.E
 Quant Time: Mar 23 13:34:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:31:49 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)	11.017	645685	5.059 ug/ml
Spiked Amount 50.000		Recovery =	10.12%
12) S 1-chlorooctadecane (S...	12.448	495387	5.025 ug/ml
Spiked Amount 50.000		Recovery =	10.05%
Target Compounds			
1) T n-Nonane (C9)	2.851	432683	5.240 ug/ml
2) T n-Decane (C10)	3.872	441499	5.228 ug/ml
3) T A~Naphthalene (C11.7)	5.445	505487	5.209 ug/ml
4) T n-Dodecane (C12)	5.867	443488	5.182 ug/ml
5) T A~2-methylnaphthalene...	6.494	508920	5.166 ug/ml
6) T n-Tetradecane (C14)	7.657	461012	5.129 ug/ml
7) T n-Hexadecane (C16)	9.255	483385	5.101 ug/ml
8) T n-Octadecane (C18)	10.695	507265	5.066 ug/ml
10) T n-Eicosane (C20)	12.002	520410	5.140 ug/ml
11) T n-Heneicosane (C21)	12.613	512290	5.097 ug/ml
13) T n-Docosane (C22)	13.199	512830	5.112 ug/ml
14) T n-Tetracosane (C24)	14.300	510460	5.146 ug/ml
15) T n-Hexacosane (C26)	15.320	506770	5.198 ug/ml
16) T n-Octacosane (C28)	16.268	521150	5.387 ug/ml
17) T n-Tricontane (C30)	17.155	527745	5.504 ug/ml
18) T n-Dotriacontane (C32)	17.987	533927	5.638 ug/ml
19) T n-Tetratriacontane (C34)	18.802	438154	5.302 ug/ml
20) T n-Hexatriacontane (C36)	19.826	381100	5.271 ug/ml
21) T n-Octatriacontane (C38)	21.205	360064	5.283 ug/ml
22) T n-Tetracontane (C40)	23.120	345385	5.133 ug/ml

(f)=RT Delta > 1/2 Window

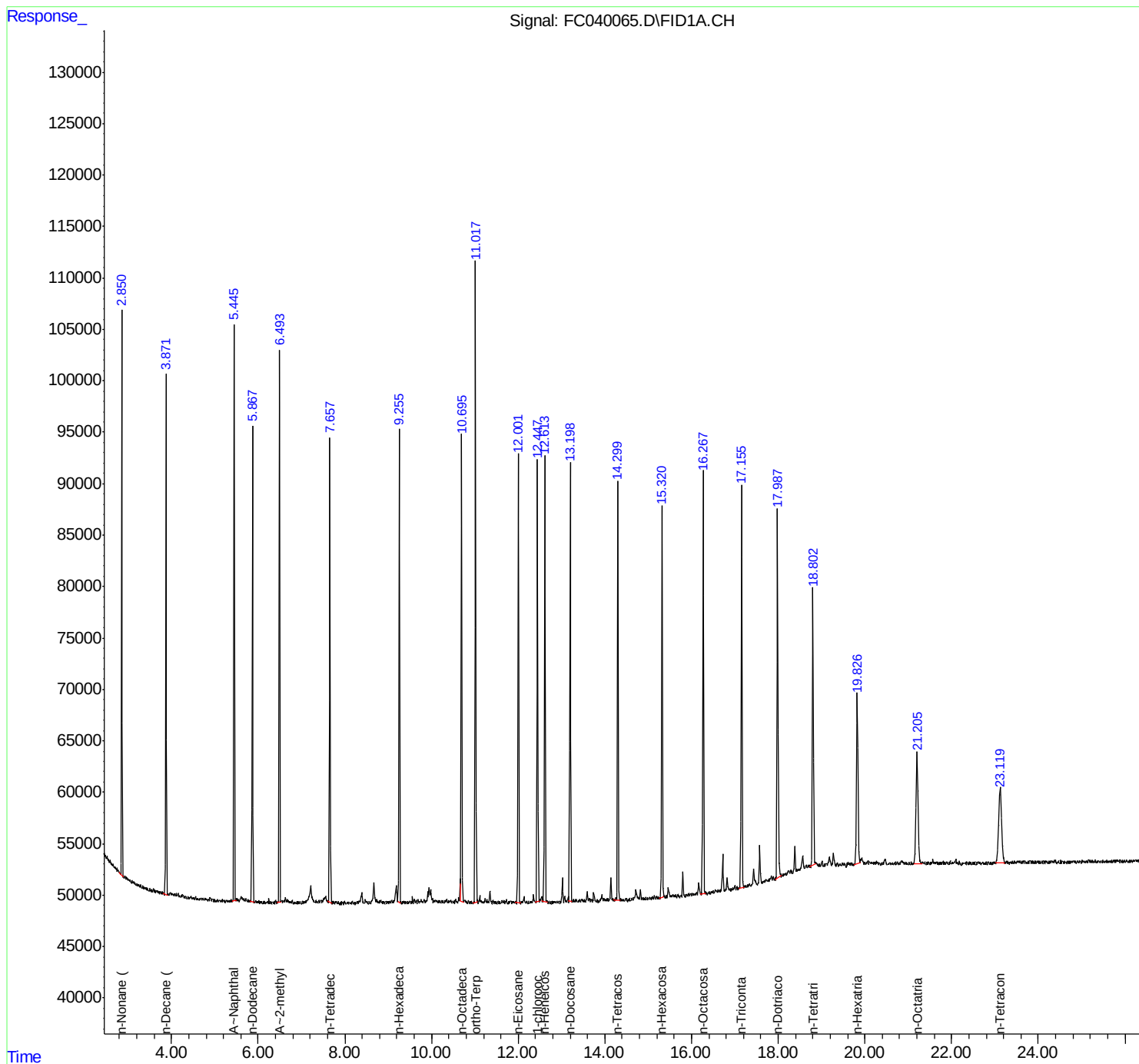
(m)=manual int.

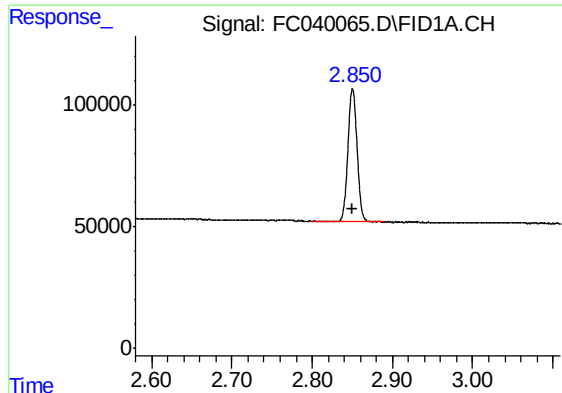
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032319AL\
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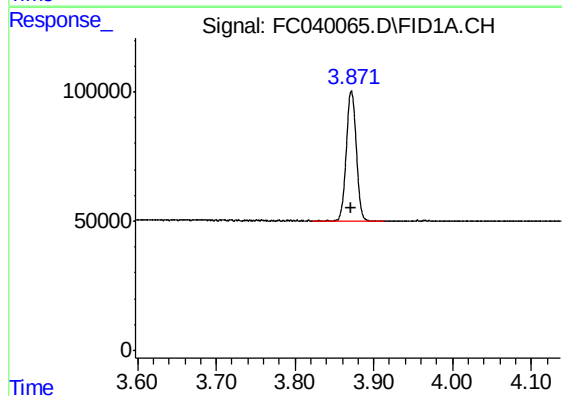




#1 n-Nonane (C9)

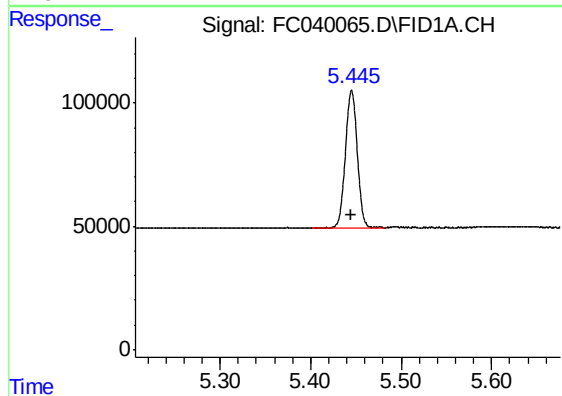
R.T.: 2.851 min
Delta R.T.: 0.000 min
Response: 432683
Conc: 5.24 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



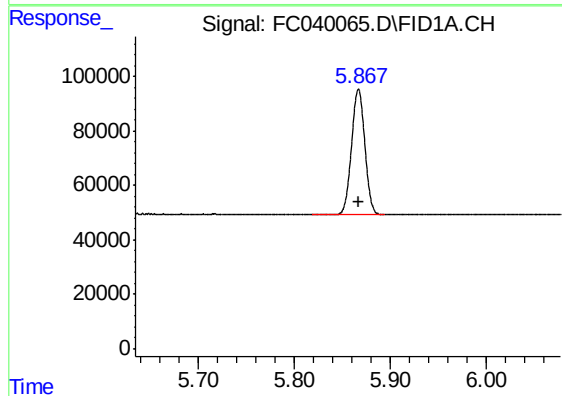
#2 n-Decane (C10)

R.T.: 3.872 min
Delta R.T.: 0.000 min
Response: 441499
Conc: 5.23 ug/ml



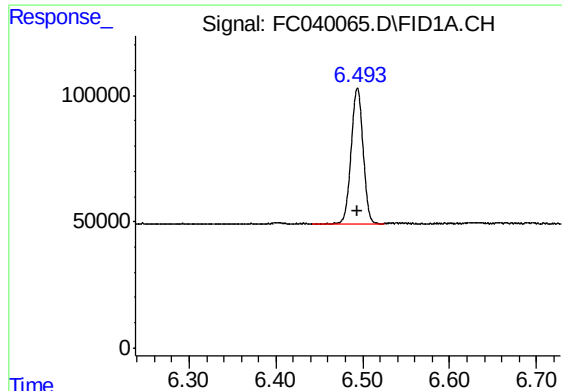
#3 A~Naphthalene (C11.7)

R.T.: 5.445 min
Delta R.T.: 0.000 min
Response: 505487
Conc: 5.21 ug/ml



#4 n-Dodecane (C12)

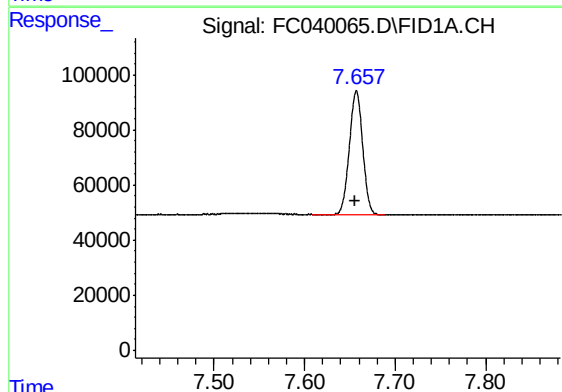
R.T.: 5.867 min
Delta R.T.: 0.000 min
Response: 443488
Conc: 5.18 ug/ml



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

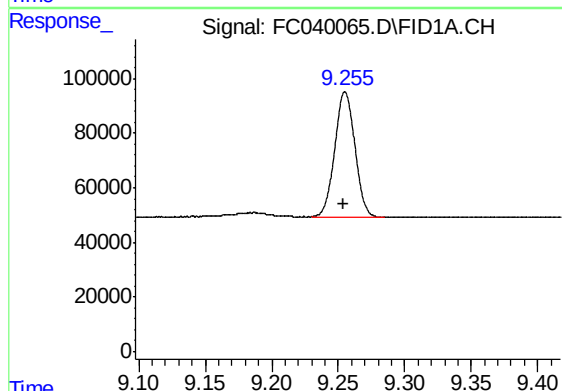
R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 508920
Conc: 5.17 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



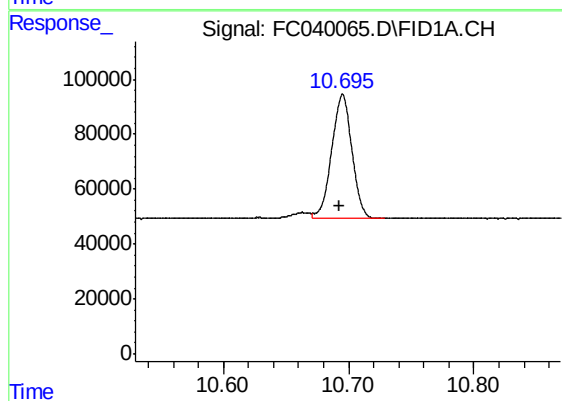
#6 n-Tetradecane (C14)

R.T.: 7.657 min
Delta R.T.: 0.001 min
Response: 461012
Conc: 5.13 ug/ml



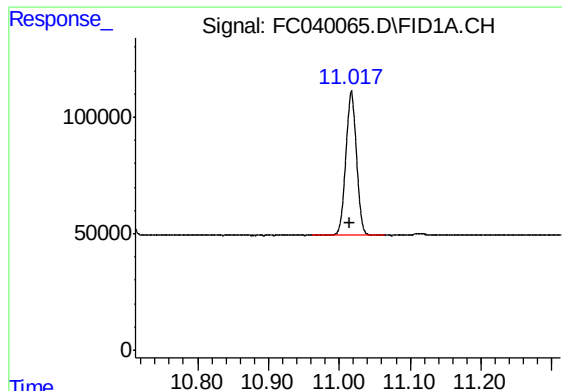
#7 n-Hexadecane (C16)

R.T.: 9.255 min
Delta R.T.: 0.001 min
Response: 483385
Conc: 5.10 ug/ml



#8 n-Octadecane (C18)

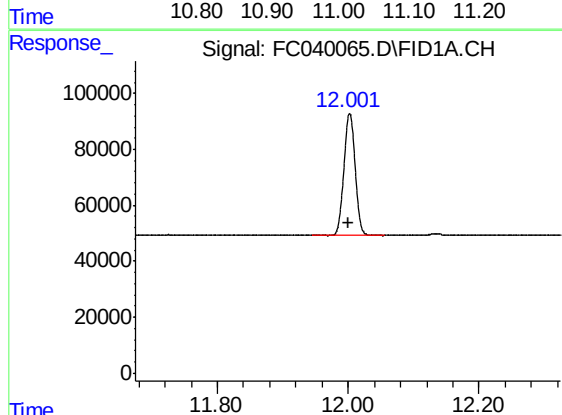
R.T.: 10.695 min
Delta R.T.: 0.003 min
Response: 507265
Conc: 5.07 ug/ml



#9 ortho-Terphenyl (SURR)

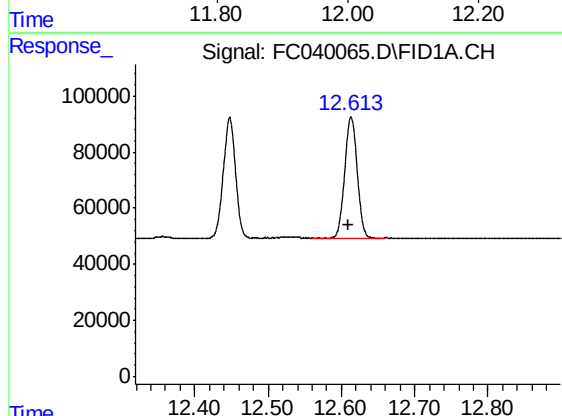
R.T.: 11.017 min
Delta R.T.: 0.002 min
Response: 645685
Conc: 5.06 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



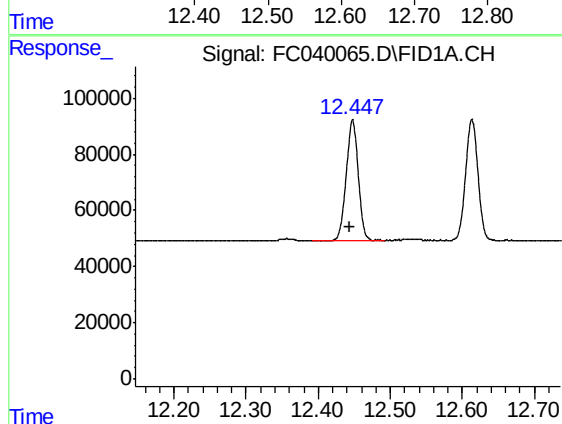
#10 n-Eicosane (C20)

R.T.: 12.002 min
Delta R.T.: 0.002 min
Response: 520410
Conc: 5.14 ug/ml



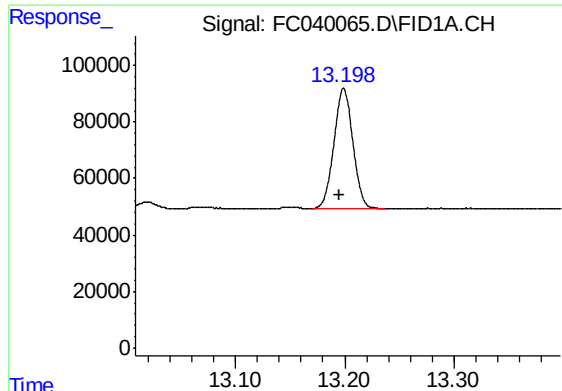
#11 n-Heneicosane (C21)

R.T.: 12.613 min
Delta R.T.: 0.003 min
Response: 512290
Conc: 5.10 ug/ml



#12 1-chlorooctadecane (SURR)

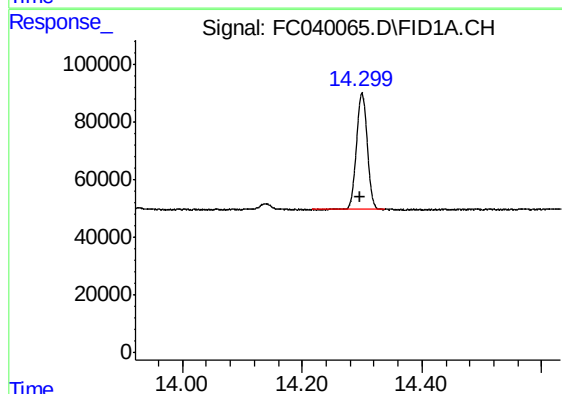
R.T.: 12.448 min
Delta R.T.: 0.003 min
Response: 495387
Conc: 5.03 ug/ml



#13 n-Docosane (C22)

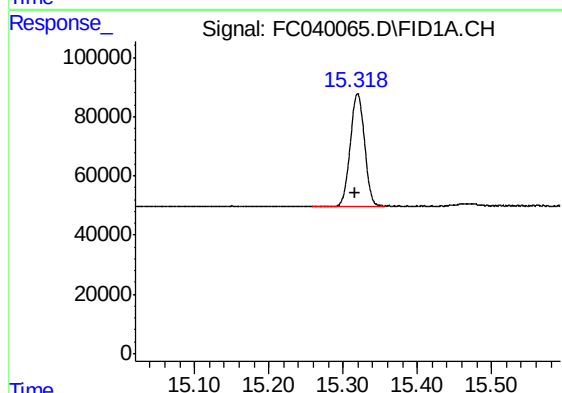
R.T.: 13.199 min
Delta R.T.: 0.003 min
Response: 512830
Conc: 5.11 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



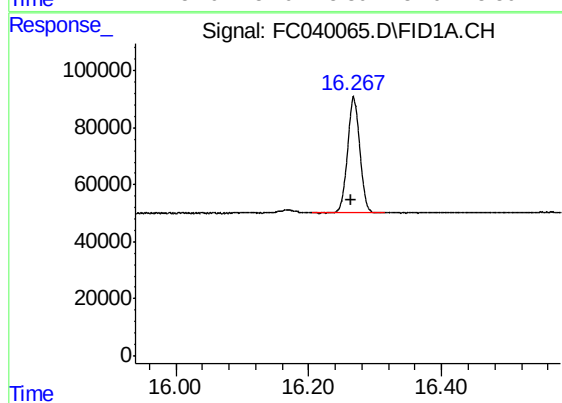
#14 n-Tetracosane (C24)

R.T.: 14.300 min
Delta R.T.: 0.003 min
Response: 510460
Conc: 5.15 ug/ml



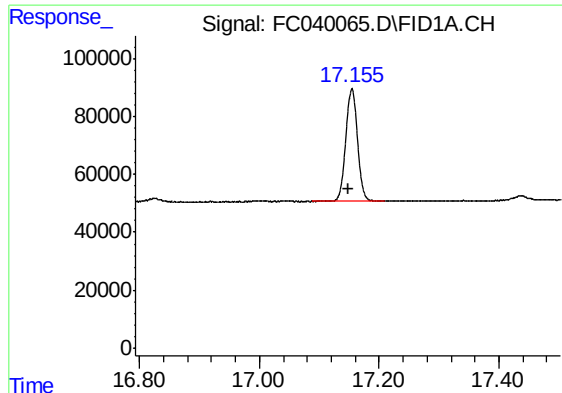
#15 n-Hexacosane (C26)

R.T.: 15.320 min
Delta R.T.: 0.004 min
Response: 506770
Conc: 5.20 ug/ml



#16 n-Octacosane (C28)

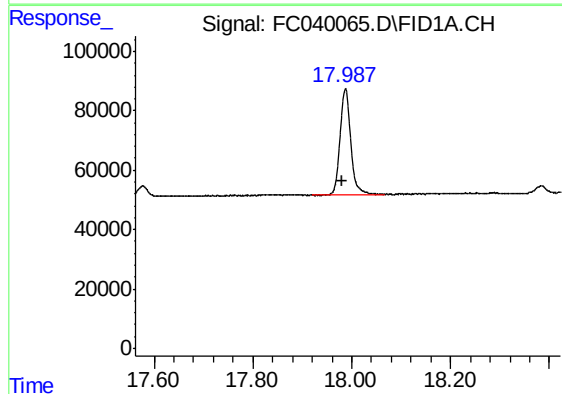
R.T.: 16.268 min
Delta R.T.: 0.003 min
Response: 521150
Conc: 5.39 ug/ml



#17 n-Tricontane (C30)

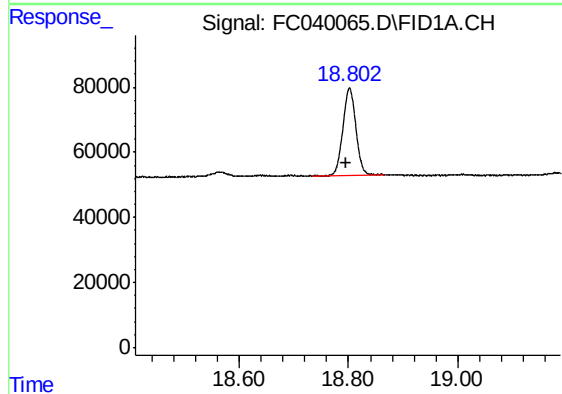
R.T.: 17.155 min
Delta R.T.: 0.005 min
Response: 527745
Conc: 5.50 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



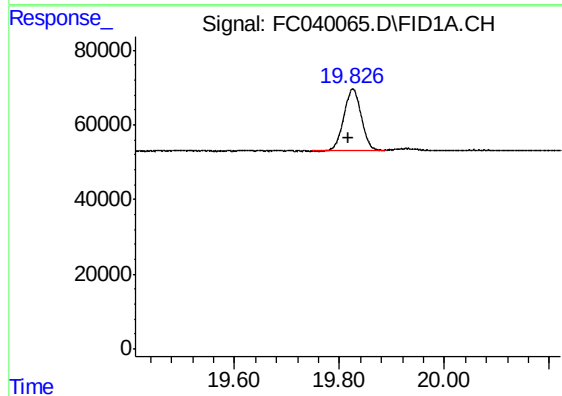
#18 n-Dotriacontane (C32)

R.T.: 17.987 min
Delta R.T.: 0.007 min
Response: 533927
Conc: 5.64 ug/ml



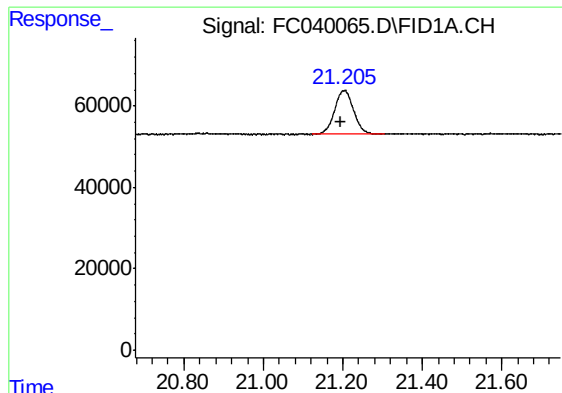
#19 n-Tetratriacontane (C34)

R.T.: 18.802 min
Delta R.T.: 0.006 min
Response: 438154
Conc: 5.30 ug/ml



#20 n-Hexatriacontane (C36)

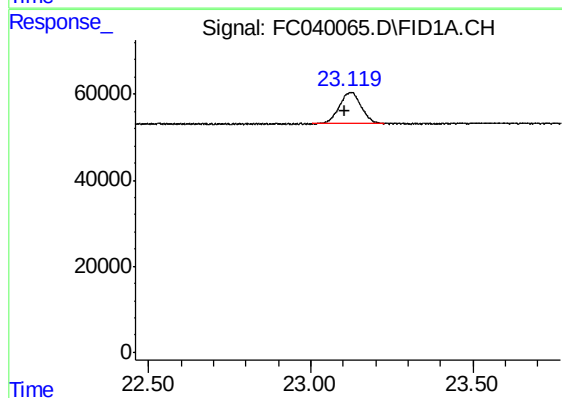
R.T.: 19.826 min
Delta R.T.: 0.008 min
Response: 381100
Conc: 5.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: 0.009 min
Response: 360064
Conc: 5.28 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 23.120 min
Delta R.T.: 0.014 min
Response: 345385
Conc: 5.13 ug/ml