

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122319AL\
 Data File : FC045034.D
 Signal(s) : FID1A.CH
 Acq On : 24 Dec 2019 00:31
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 24 02:44:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 02:42:23 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)	11.759	1081039	9.196 ug/ml
Spiked Amount 50.000		Recovery =	18.39%
12) S 1-chlorooctadecane (S...	13.183	848156	9.188 ug/ml
Spiked Amount 50.000		Recovery =	18.38%
Target Compounds			
1) T n-Nonane (C9)	3.512	958986	9.167 ug/ml
2) T n-Decane (C10)	4.585	960151	9.156 ug/ml
3) T A~Naphthalene (C11.7)	6.185	1062723	9.118 ug/ml
4) T n-Dodecane (C12)	6.602	968989	9.169 ug/ml
5) T A~2-methylnaphthalene...	7.239	1061748	9.060 ug/ml
6) T n-Tetradecane (C14)	8.393	970165	9.157 ug/ml
7) T n-Hexadecane (C16)	9.990	979770	9.172 ug/ml
8) T n-Octadecane (C18)	11.429	993790	9.219 ug/ml
10) T n-Eicosane (C20)	12.735	999069	9.236 ug/ml
11) T n-Heneicosane (C21)	13.346	1009894	9.240 ug/ml
13) T n-Docosane (C22)	13.932	1009183	9.240 ug/ml
14) T n-Tetracosane (C24)	15.033	1017932	9.216 ug/ml
15) T n-Hexacosane (C26)	16.051	1015714	9.219 ug/ml
16) T n-Octacosane (C28)	16.999	1007062	9.234 ug/ml
17) T n-Tricontane (C30)	17.885	974167	9.281 ug/ml
18) T n-Dotriacontane (C32)	18.714	833427	9.359 ug/ml
19) T n-Tetratriacontane (C34)	19.497	703208	9.256 ug/ml
20) T n-Hexatriacontane (C36)	20.234	644715	9.428 ug/ml
21) T n-Octatriacontane (C38)	21.004	567237	9.184 ug/ml
22) T n-Tetracontane (C40)	21.971	583254	9.616 ug/ml

(f)=RT Delta > 1/2 Window

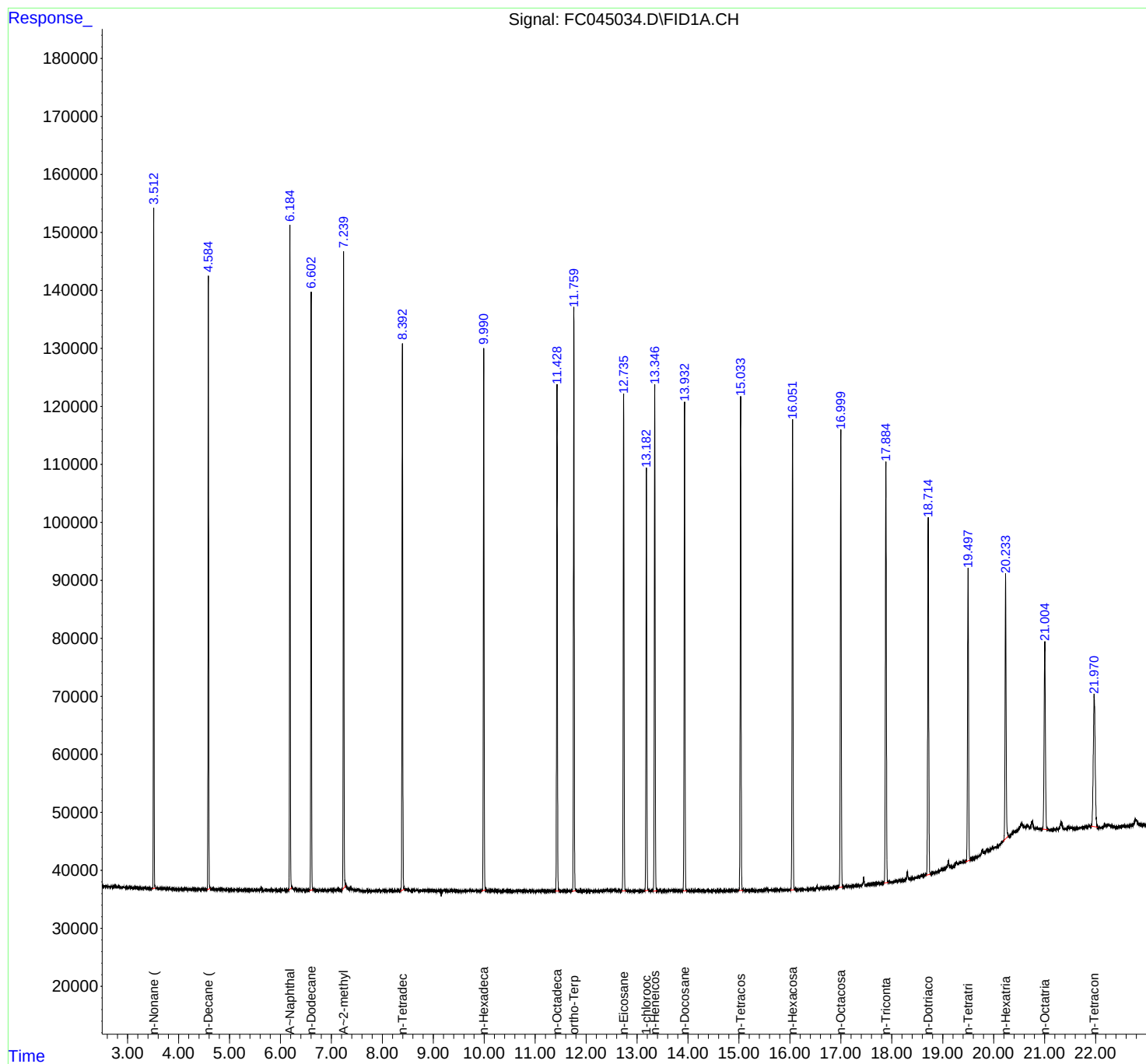
(m)=manual int.

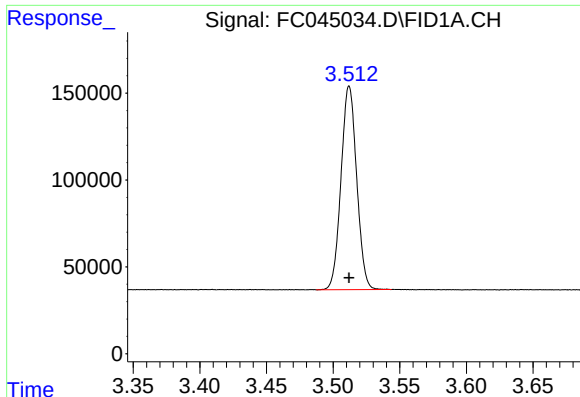
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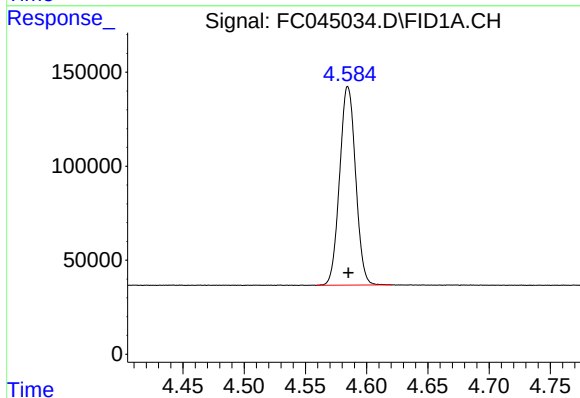




#1 n-Nonane (C9)

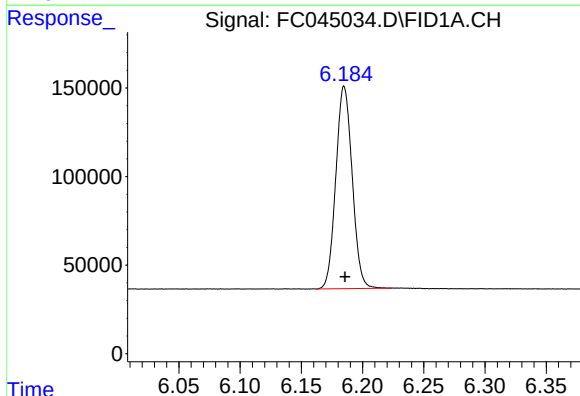
R.T.: 3.512 min
Delta R.T.: 0.000 min
Response: 958986
Conc: 9.17 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



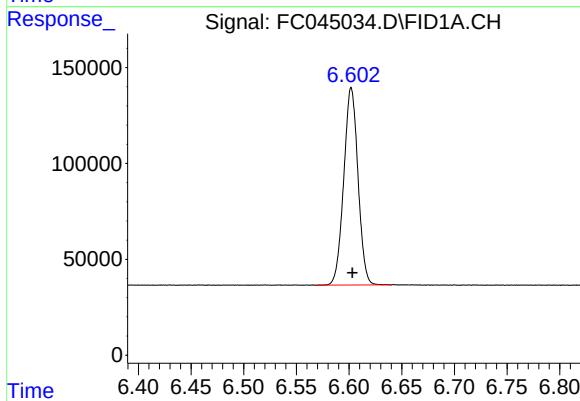
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 960151
Conc: 9.16 ug/ml



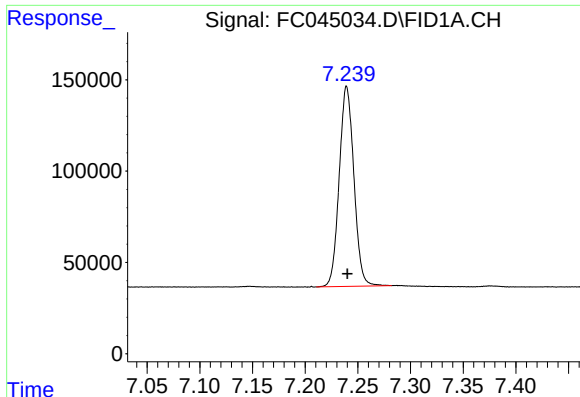
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 1062723
Conc: 9.12 ug/ml



#4 n-Dodecane (C12)

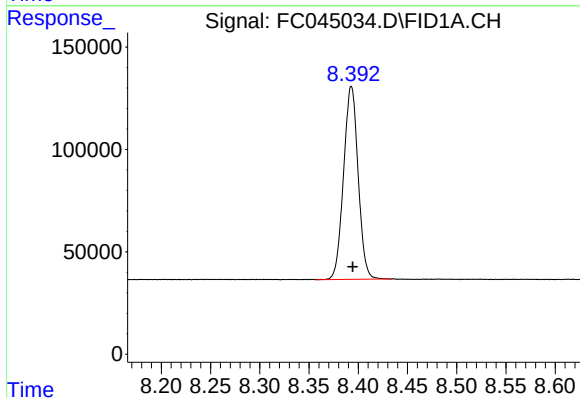
R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 968989
Conc: 9.17 ug/ml



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

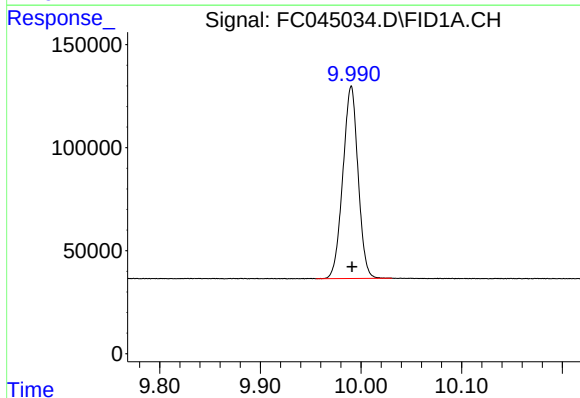
R.T.: 7.239 min
Delta R.T.: 0.000 min
Response: 1061748
Conc: 9.06 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



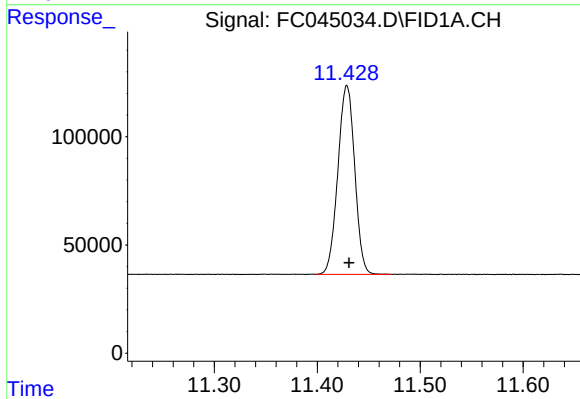
#6 n-Tetradecane (C14)

R.T.: 8.393 min
Delta R.T.: -0.001 min
Response: 970165
Conc: 9.16 ug/ml



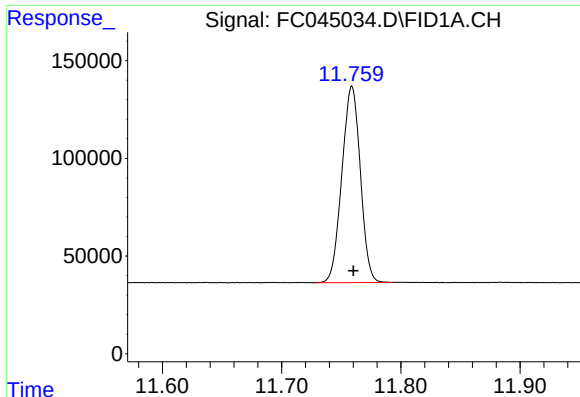
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: 0.000 min
Response: 979770
Conc: 9.17 ug/ml



#8 n-Octadecane (C18)

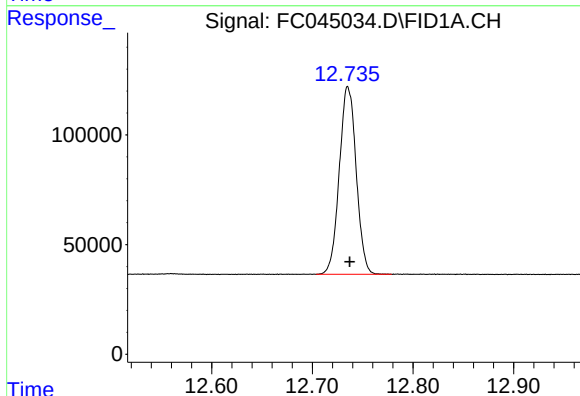
R.T.: 11.429 min
Delta R.T.: -0.002 min
Response: 993790
Conc: 9.22 ug/ml



#9 ortho-Terphenyl (SURR)

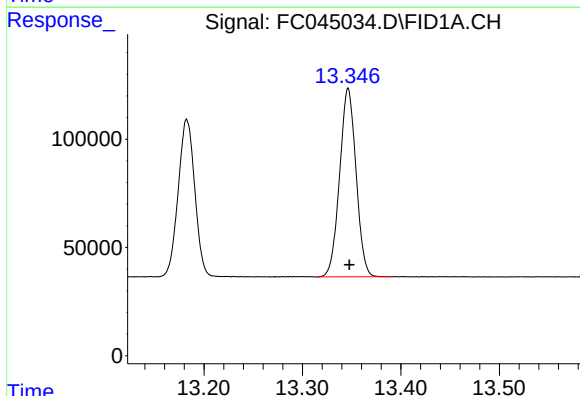
R.T.: 11.759 min
Delta R.T.: -0.001 min
Response: 1081039
Conc: 9.20 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



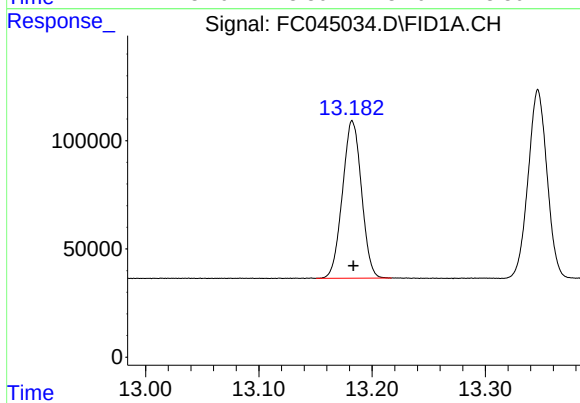
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: -0.002 min
Response: 999069
Conc: 9.24 ug/ml



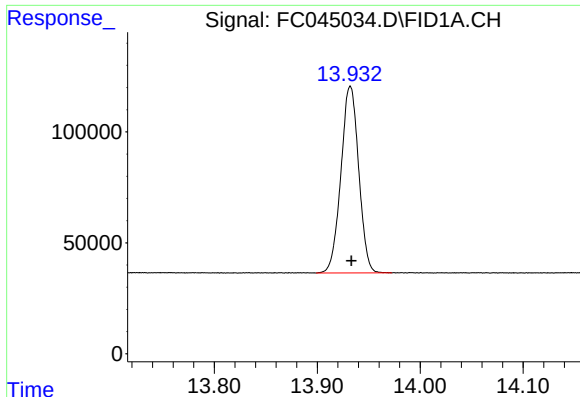
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: -0.001 min
Response: 1009894
Conc: 9.24 ug/ml



#12 1-chlorooctadecane (SURR)

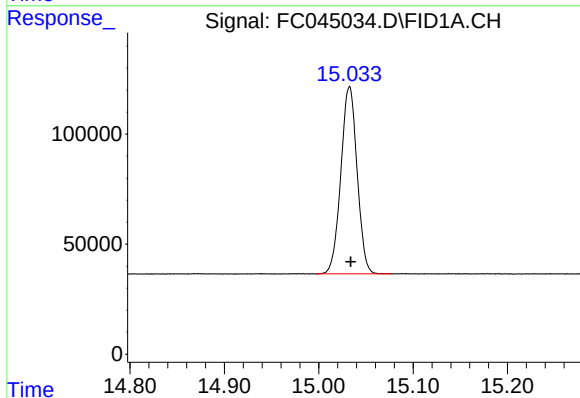
R.T.: 13.183 min
Delta R.T.: 0.000 min
Response: 848156
Conc: 9.19 ug/ml



#13 n-Docosane (C22)

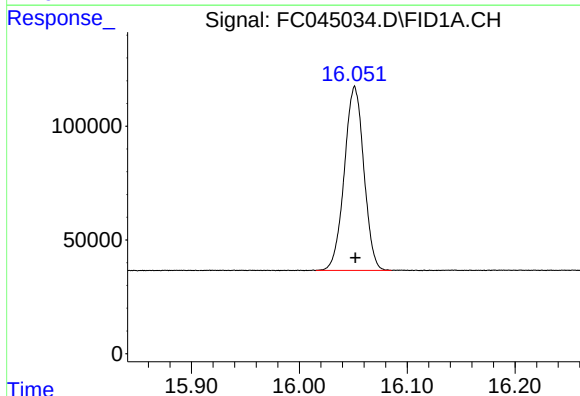
R.T.: 13.932 min
Delta R.T.: -0.001 min
Response: 1009183
Conc: 9.24 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



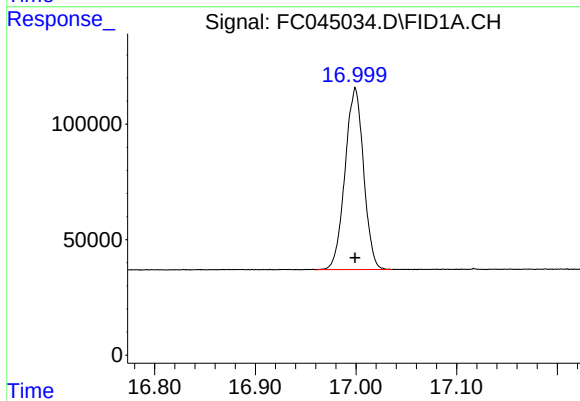
#14 n-Tetracosane (C24)

R.T.: 15.033 min
Delta R.T.: -0.001 min
Response: 1017932
Conc: 9.22 ug/ml



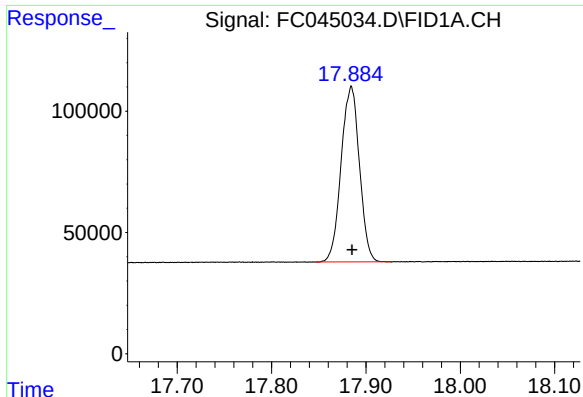
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: 0.000 min
Response: 1015714
Conc: 9.22 ug/ml



#16 n-Octacosane (C28)

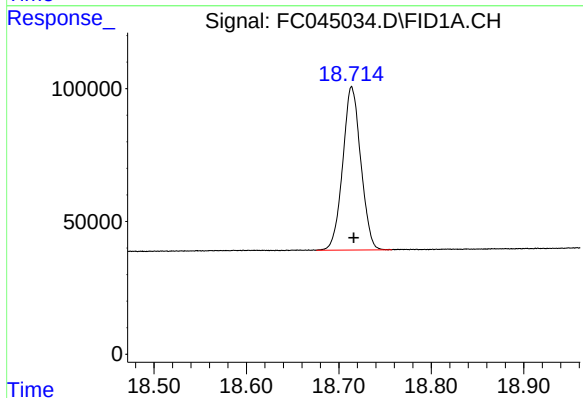
R.T.: 16.999 min
Delta R.T.: 0.000 min
Response: 1007062
Conc: 9.23 ug/ml



#17 n-Tricontane (C30)

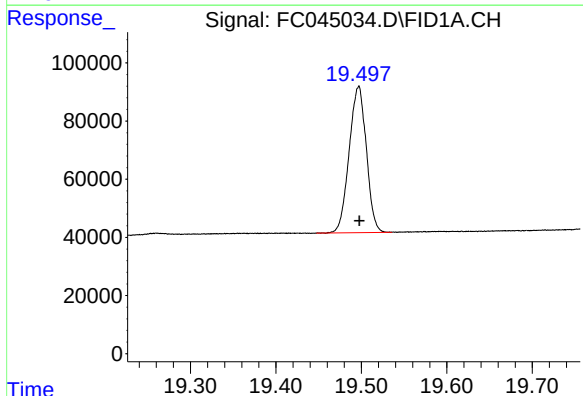
R.T.: 17.885 min
Delta R.T.: 0.000 min
Response: 974167
Conc: 9.28 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



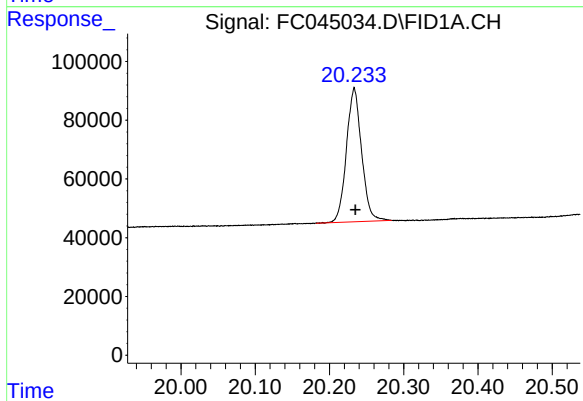
#18 n-Dotriacontane (C32)

R.T.: 18.714 min
Delta R.T.: -0.002 min
Response: 833427
Conc: 9.36 ug/ml



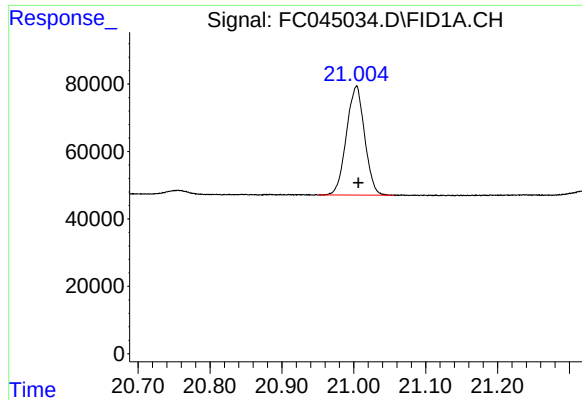
#19 n-Tetratriacontane (C34)

R.T.: 19.497 min
Delta R.T.: 0.000 min
Response: 703208
Conc: 9.26 ug/ml



#20 n-Hexatriacontane (C36)

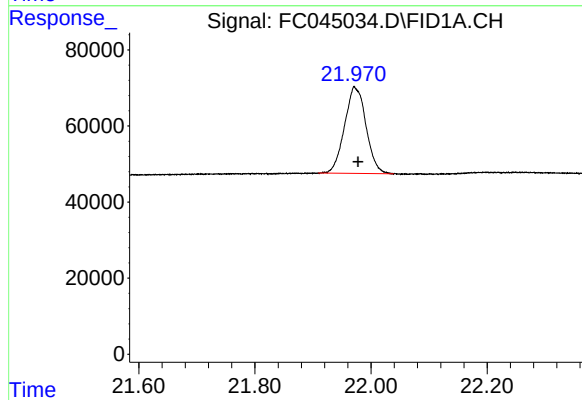
R.T.: 20.234 min
Delta R.T.: -0.002 min
Response: 644715
Conc: 9.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.004 min
Delta R.T.: -0.003 min
Response: 567237
Conc: 9.18 ug/ml

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FID_C
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: -0.006 min
Response: 583254
Conc: 9.62 ug/ml