

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057707.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jan 2022 11:13
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 05 11:51:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 11:32:01 2022
 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)	10.715	2003570	10.348 ug/ml
Spiked Amount 50.000		Recovery =	20.70%
12) S 1-chlorooctadecane (S...	12.152	1523256	10.257 ug/ml
Spiked Amount 50.000		Recovery =	20.51%
Target Compounds			
1) T n-Nonane (C9)	2.646	1688651	10.602 ug/ml
2) T n-Decane (C10)	3.636	1662810	10.332 ug/ml
3) T A~Naphthalene (C11.7)	5.173	1877864	10.311 ug/ml
4) T n-Dodecane (C12)	5.607	1666872	10.322 ug/ml
5) T A~2-methylnaphthalene...	6.213	1897308	10.328 ug/ml
6) T n-Tetradecane (C14)	7.386	1708797	10.317 ug/ml
7) T n-Hexadecane (C16)	8.978	1725751	10.300 ug/ml
8) T n-Octadecane (C18)	10.410	1776322	10.293 ug/ml
10) T n-Eicosane (C20)	11.713	1768131	10.304 ug/ml
11) T n-Heneicosane (C21)	12.322	1792379	10.343 ug/ml
13) T n-Docosane (C22)	12.906	1784568	10.353 ug/ml
14) T n-Tetracosane (C24)	14.003	1775730	10.309 ug/ml
15) T n-Hexacosane (C26)	15.022	1723192	10.321 ug/ml
16) T n-Octacosane (C28)	15.968	1676282	10.304 ug/ml
17) T n-Tricontane (C30)	16.852	1589268	10.262 ug/ml
18) T n-Dotriacontane (C32)	17.682	1408263	10.149 ug/ml
19) T n-Tetratriacontane (C34)	18.463	1252436	10.083 ug/ml
20) T n-Hexatriacontane (C36)	19.201	1145388	10.309 ug/ml
21) T n-Octatriacontane (C38)	19.908	1071511	10.209 ug/ml
22) T n-Tetracontane (C40)	20.736	934127	9.218 ug/ml

(f)=RT Delta > 1/2 Window

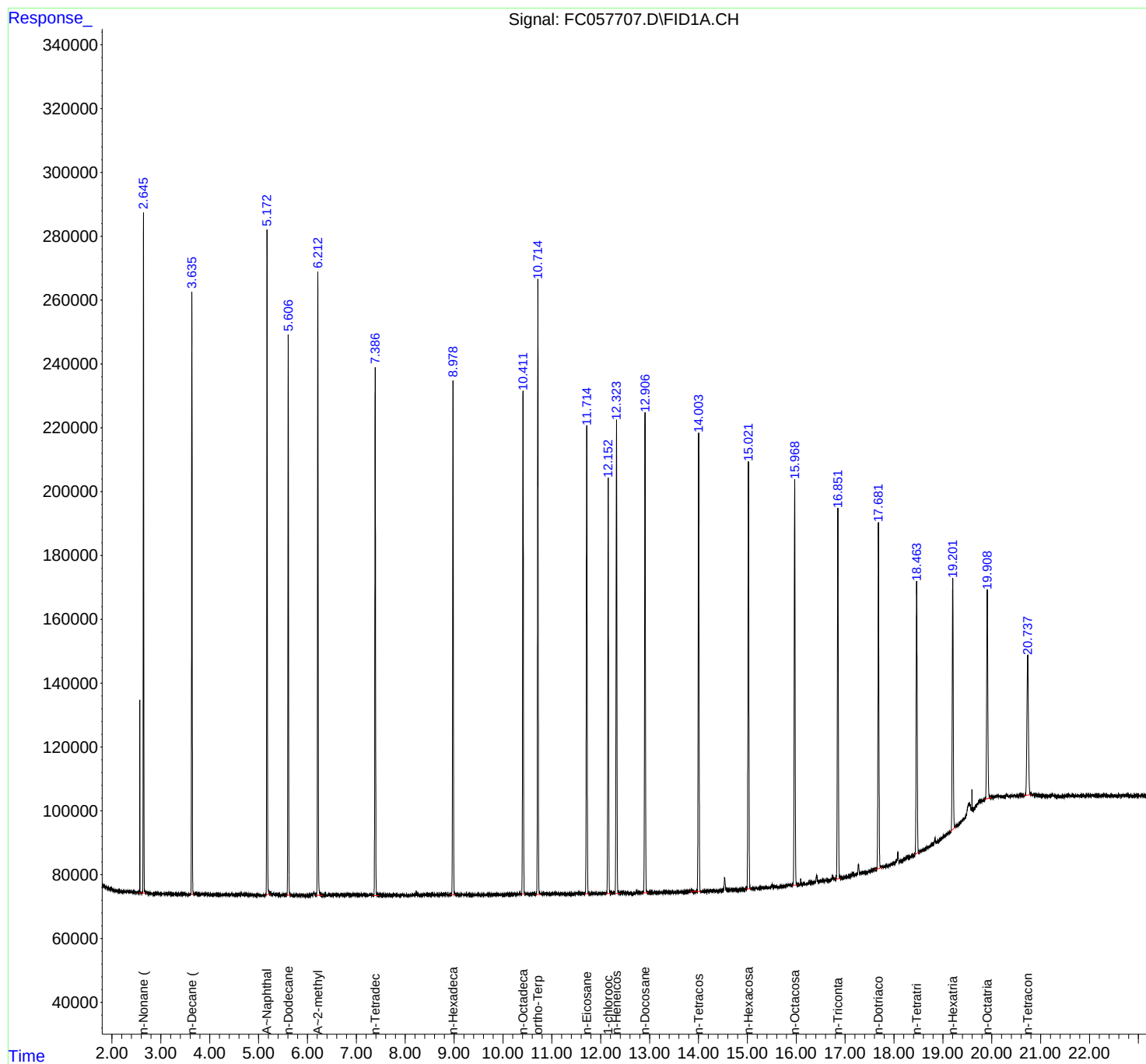
(m)=manual int.

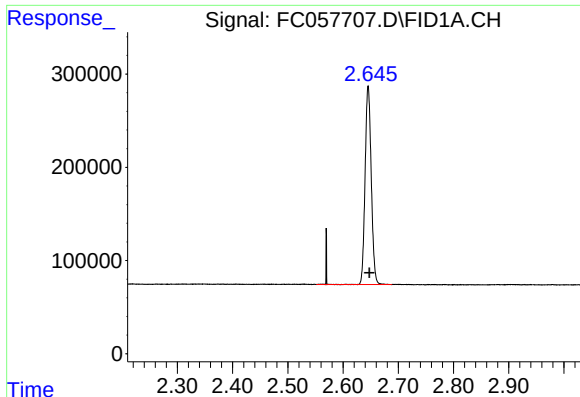
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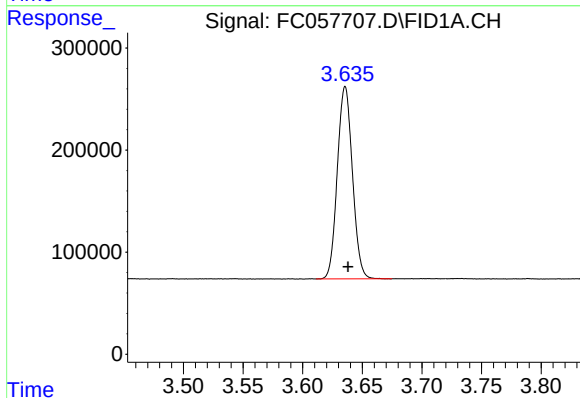




#1 n-Nonane (C9)

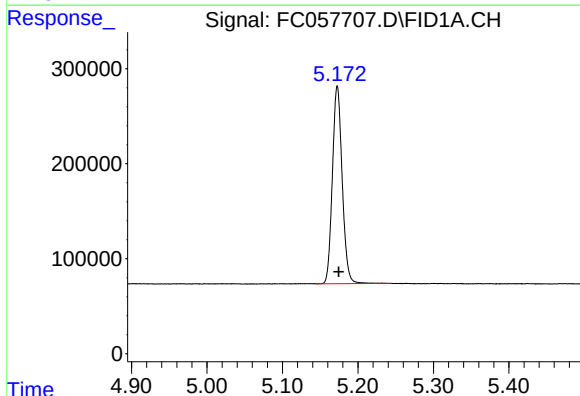
R.T.: 2.646 min
Delta R.T.: -0.002 min
Response: 1688651
Conc: 10.60 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



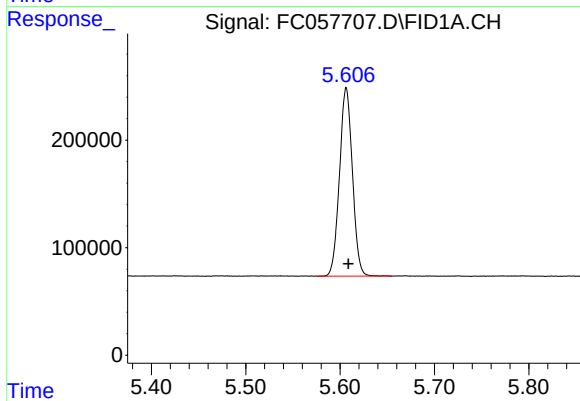
#2 n-Decane (C10)

R.T.: 3.636 min
Delta R.T.: -0.002 min
Response: 1662810
Conc: 10.33 ug/ml



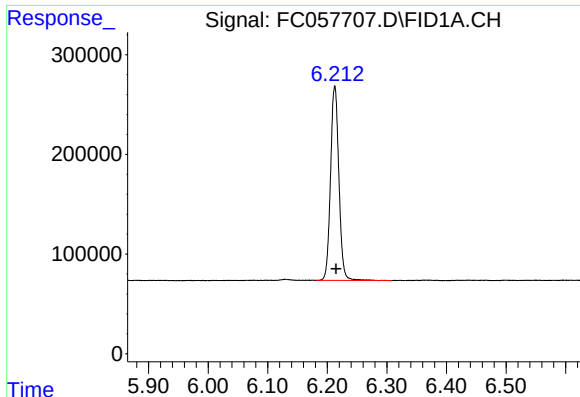
#3 A~Naphthalene (C11.7)

R.T.: 5.173 min
Delta R.T.: -0.002 min
Response: 1877864
Conc: 10.31 ug/ml



#4 n-Dodecane (C12)

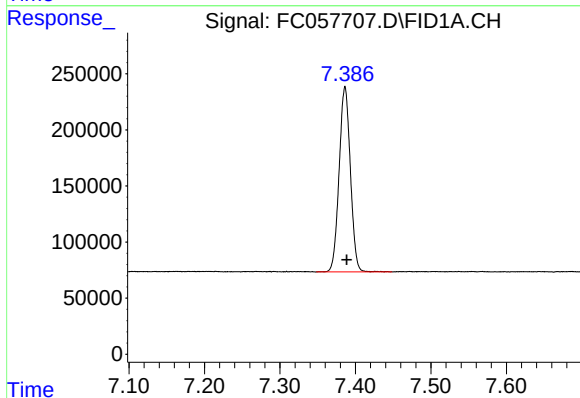
R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 1666872
Conc: 10.32 ug/ml



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

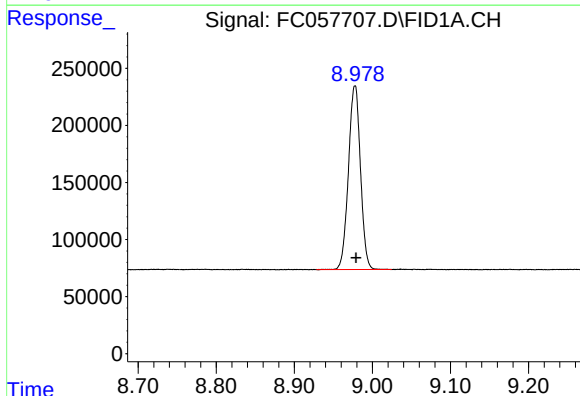
R.T.: 6.213 min
Delta R.T.: -0.002 min
Response: 1897308
Conc: 10.33 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



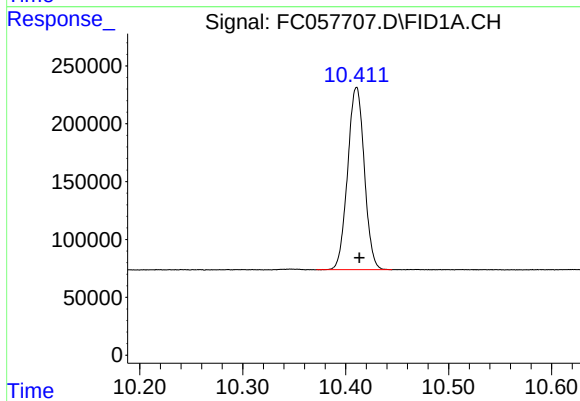
#6 n-Tetradecane (C14)

R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 1708797
Conc: 10.32 ug/ml



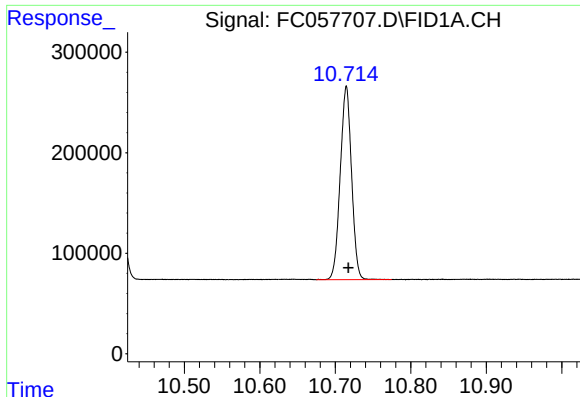
#7 n-Hexadecane (C16)

R.T.: 8.978 min
Delta R.T.: -0.001 min
Response: 1725751
Conc: 10.30 ug/ml



#8 n-Octadecane (C18)

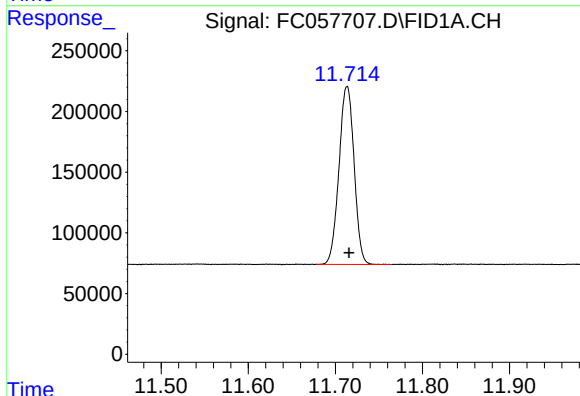
R.T.: 10.410 min
Delta R.T.: -0.003 min
Response: 1776322
Conc: 10.29 ug/ml



#9 ortho-Terphenyl (SURR)

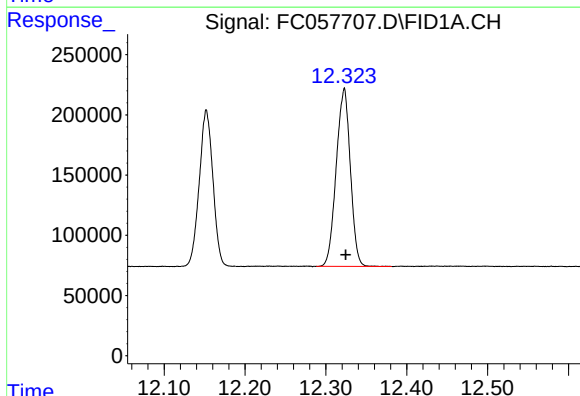
R.T.: 10.715 min
Delta R.T.: -0.003 min
Response: 2003570
Conc: 10.35 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



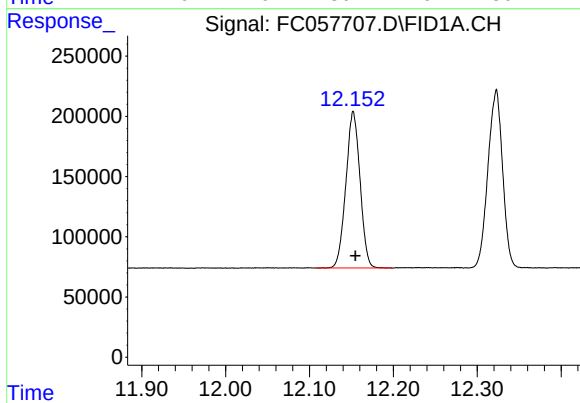
#10 n-Eicosane (C20)

R.T.: 11.713 min
Delta R.T.: -0.002 min
Response: 1768131
Conc: 10.30 ug/ml



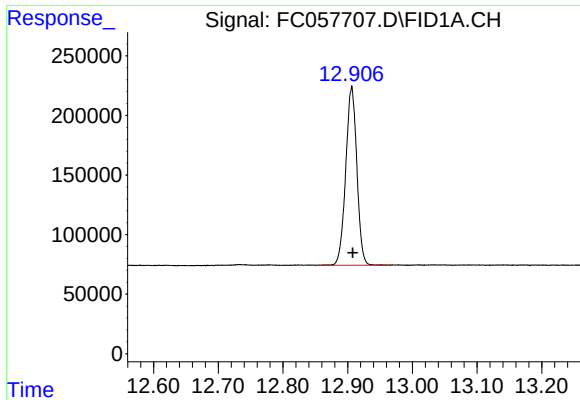
#11 n-Heneicosane (C21)

R.T.: 12.322 min
Delta R.T.: -0.002 min
Response: 1792379
Conc: 10.34 ug/ml



#12 1-chlorooctadecane (SURR)

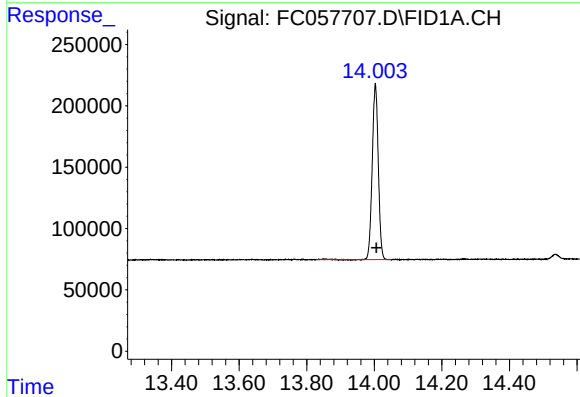
R.T.: 12.152 min
Delta R.T.: -0.002 min
Response: 1523256
Conc: 10.26 ug/ml



#13 n-Docosane (C22)

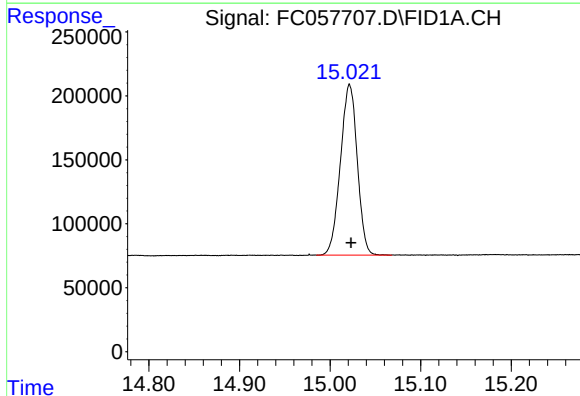
R.T.: 12.906 min
Delta R.T.: -0.002 min
Response: 1784568
Conc: 10.35 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



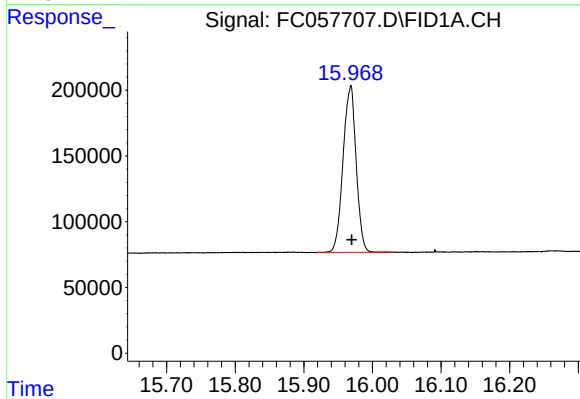
#14 n-Tetracosane (C24)

R.T.: 14.003 min
Delta R.T.: -0.003 min
Response: 1775730
Conc: 10.31 ug/ml



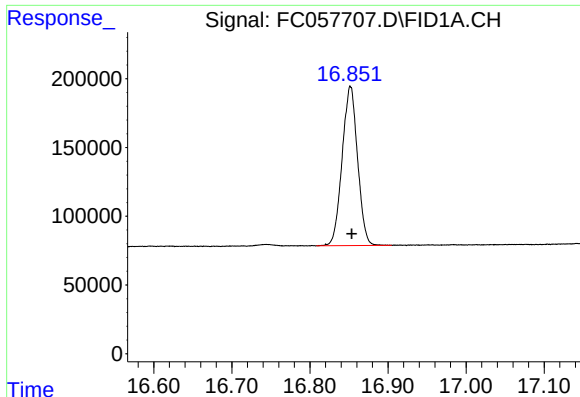
#15 n-Hexacosane (C26)

R.T.: 15.022 min
Delta R.T.: -0.002 min
Response: 1723192
Conc: 10.32 ug/ml



#16 n-Octacosane (C28)

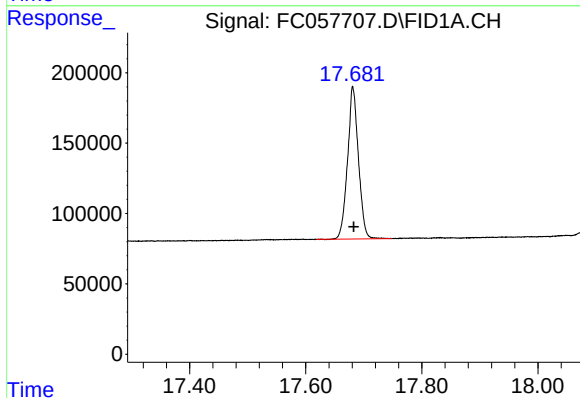
R.T.: 15.968 min
Delta R.T.: -0.002 min
Response: 1676282
Conc: 10.30 ug/ml



#17 n-Tricontane (C30)

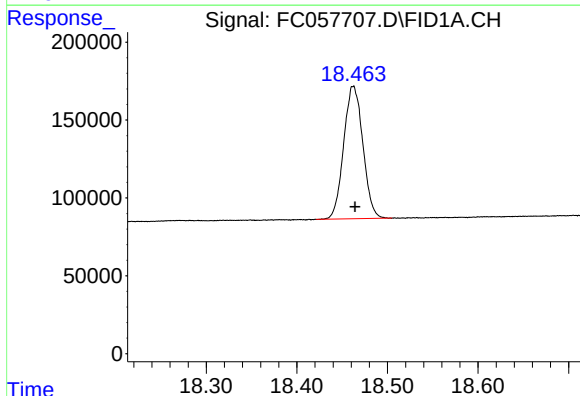
R.T.: 16.852 min
Delta R.T.: -0.002 min
Response: 1589268
Conc: 10.26 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



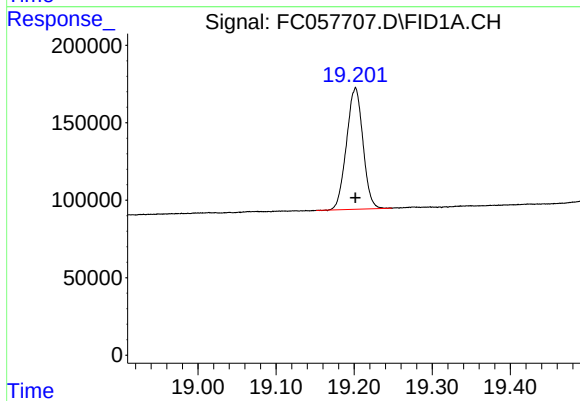
#18 n-Dotriacontane (C32)

R.T.: 17.682 min
Delta R.T.: -0.001 min
Response: 1408263
Conc: 10.15 ug/ml



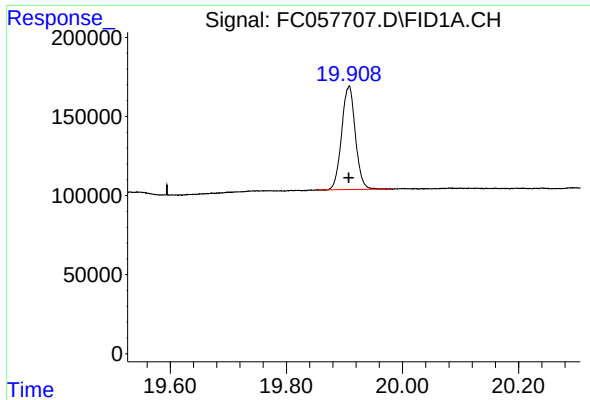
#19 n-Tetratriacontane (C34)

R.T.: 18.463 min
Delta R.T.: -0.002 min
Response: 1252436
Conc: 10.08 ug/ml



#20 n-Hexatriacontane (C36)

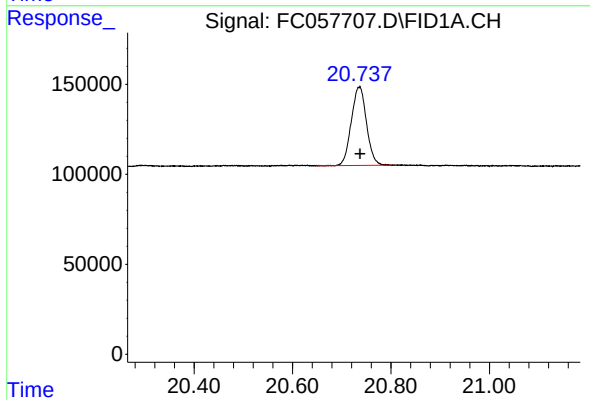
R.T.: 19.201 min
Delta R.T.: 0.000 min
Response: 1145388
Conc: 10.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.908 min
Delta R.T.: 0.000 min
Response: 1071511
Conc: 10.21 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 20.736 min
Delta R.T.: -0.001 min
Response: 934127
Conc: 9.22 ug/ml