

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052723AL\
 Data File : FC063705.D
 Signal(s) : FID1A.ch
 Acq On : 26 May 2023 22:30
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 27 06:09:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:09:43 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.531	1817073	10.199 ug/ml
Spiked Amount 50.000		Recovery =	20.40%
12) S 1-chlorooctadecane (S...	12.967	1262853	10.090 ug/ml
Spiked Amount 50.000		Recovery =	20.18%
Target Compounds			
1) T n-Nonane (C9)	3.315	1562995	9.957 ug/ml
2) T n-Decane (C10)	4.376	1582612	9.943 ug/ml
3) T A~Naphthalene (C11.7)	5.960	1705090	9.832 ug/ml
4) T n-Dodecane (C12)	6.392	1610265	10.040 ug/ml
5) T A~2-methylnaphthalene...	7.016	1577896	9.654 ug/ml
6) T n-Tetradecane (C14)	8.182	1548604	9.979 ug/ml
7) T n-Hexadecane (C16)	9.780	1585265	10.146 ug/ml
8) T n-Octadecane (C18)	11.218	1575447	10.192 ug/ml
10) T n-Eicosane (C20)	12.524	1467235	10.166 ug/ml
11) T n-Heneicosane (C21)	13.133	1427258	10.157 ug/ml
13) T n-Docosane (C22)	13.719	1404633	10.187 ug/ml
14) T n-Tetracosane (C24)	14.817	1368383	10.184 ug/ml
15) T n-Hexacosane (C26)	15.834	1324716	10.216 ug/ml
16) T n-Octacosane (C28)	16.781	1266329	10.161 ug/ml
17) T n-Tricontane (C30)	17.665	1276996	10.227 ug/ml
18) T n-Dotriacontane (C32)	18.494	1244399	10.217 ug/ml
19) T n-Tetratriacontane (C34)	19.273	1229640	10.203 ug/ml
20) T n-Hexatriacontane (C36)	20.011	1192655	10.161 ug/ml
21) T n-Octatriacontane (C38)	20.737	1199508	10.096 ug/mlm
22) T n-Tetracontane (C40)	21.626	1206166	10.145 ug/ml

(f)=RT Delta > 1/2 Window

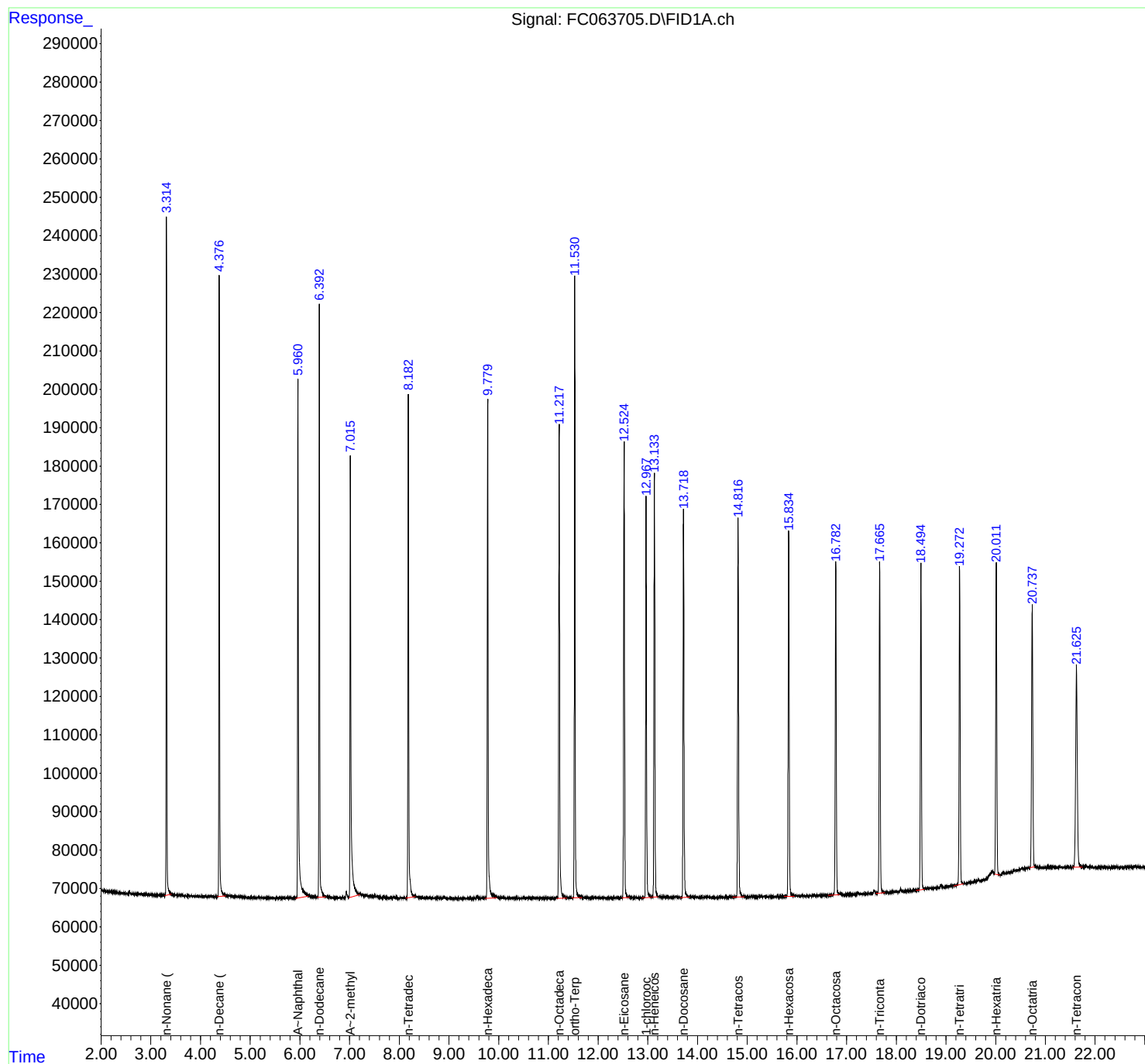
(m)=manual int.

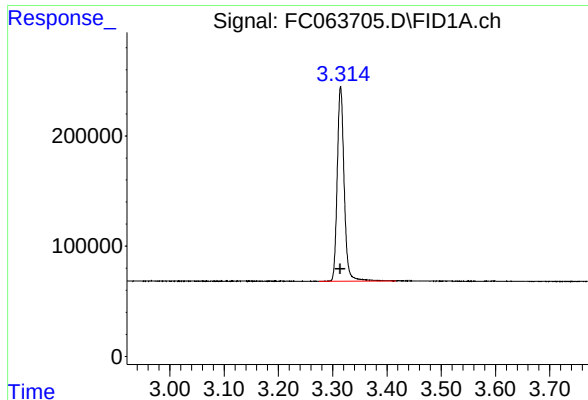
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052723AL\
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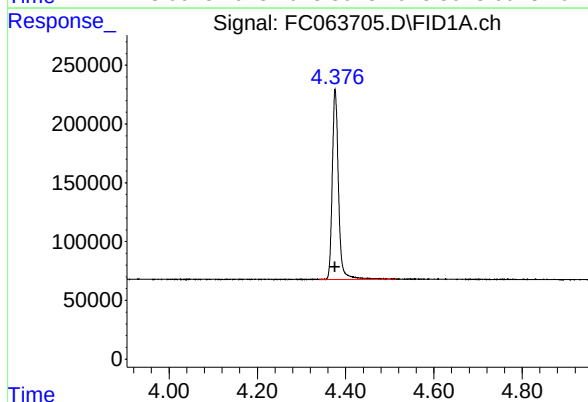




#1 n-Nonane (C9)

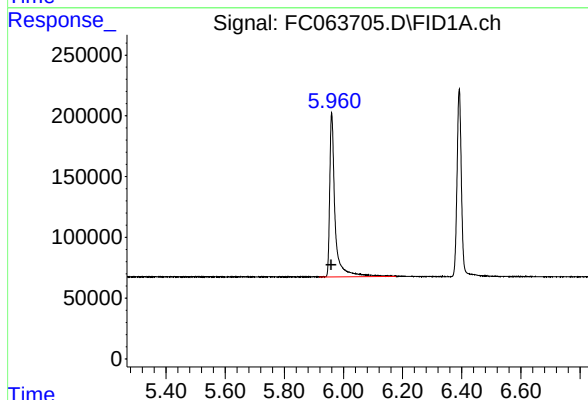
R.T.: 3.315 min
Delta R.T.: 0.000 min
Response: 1562995
Conc: 9.96 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



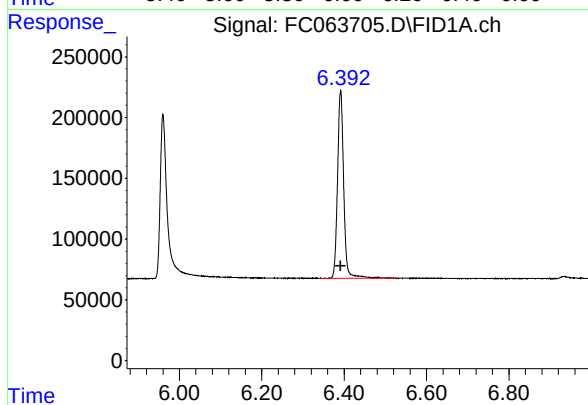
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 1582612
Conc: 9.94 ug/ml



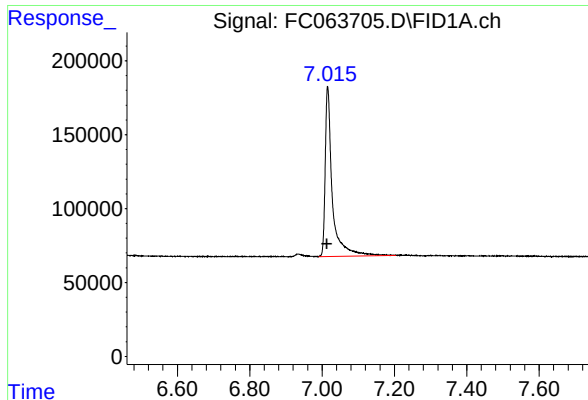
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: 0.002 min
Response: 1705090
Conc: 9.83 ug/ml



#4 n-Dodecane (C12)

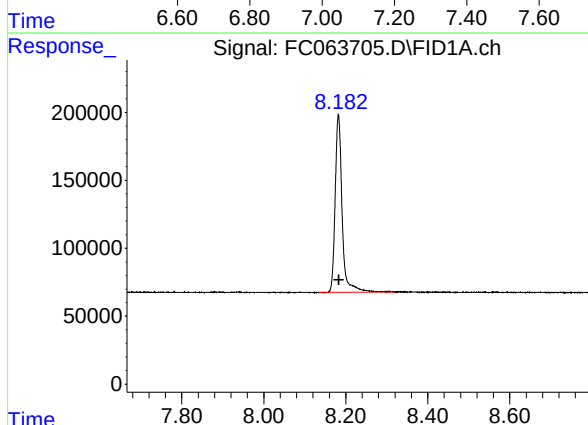
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 1610265
Conc: 10.04 ug/ml



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

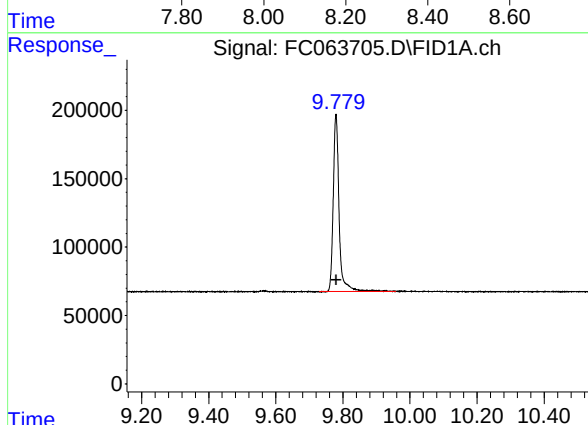
R.T.: 7.016 min
Delta R.T.: 0.001 min
Response: 1577896
Conc: 9.65 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



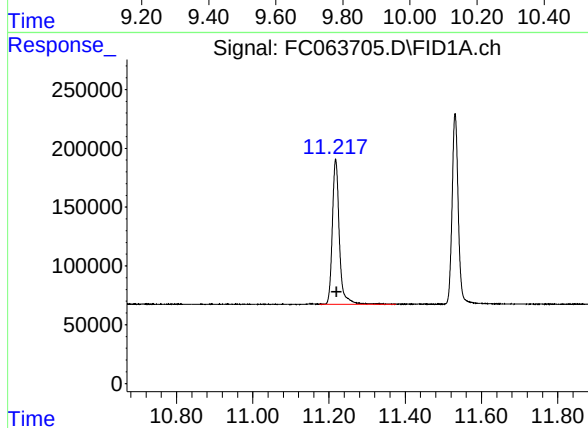
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: 0.000 min
Response: 1548604
Conc: 9.98 ug/ml



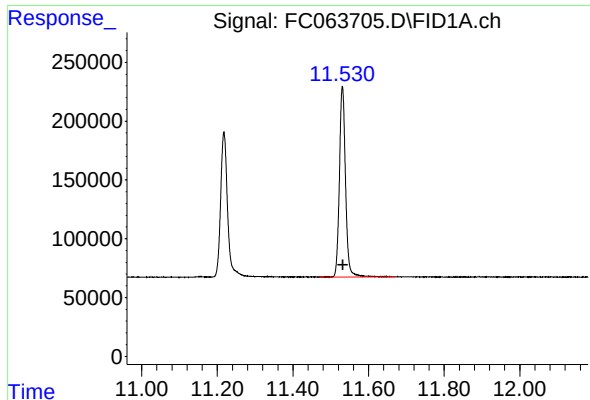
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.001 min
Response: 1585265
Conc: 10.15 ug/ml



#8 n-Octadecane (C18)

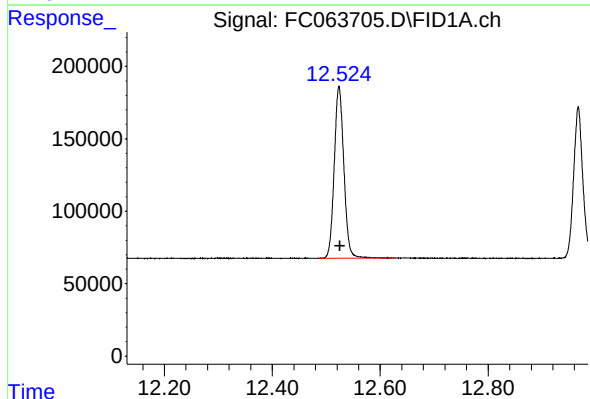
R.T.: 11.218 min
Delta R.T.: -0.002 min
Response: 1575447
Conc: 10.19 ug/ml



#9 ortho-Terphenyl (SURR)

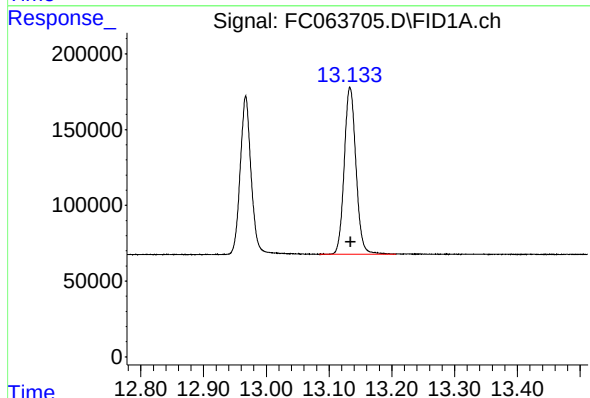
R.T.: 11.531 min
Delta R.T.: -0.002 min
Response: 1817073
Conc: 10.20 ug/ml

Instrument :
FID_C
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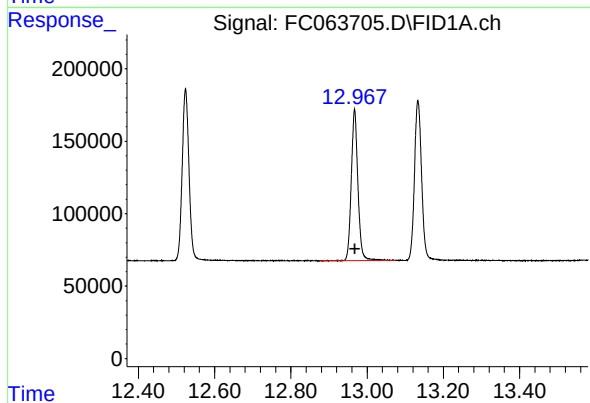
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.001 min
Response: 1467235
Conc: 10.17 ug/ml



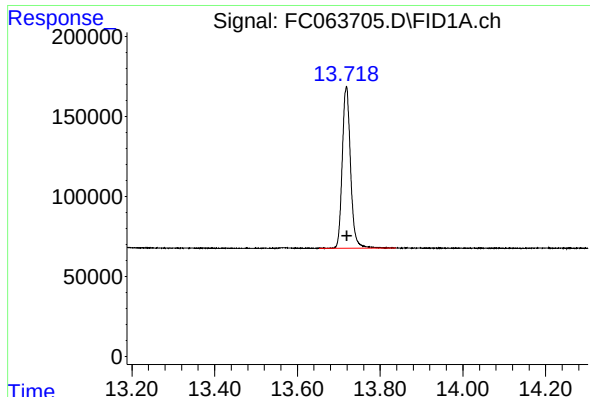
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.001 min
Response: 1427258
Conc: 10.16 ug/ml



#12 1-chlorooctadecane (SURR)

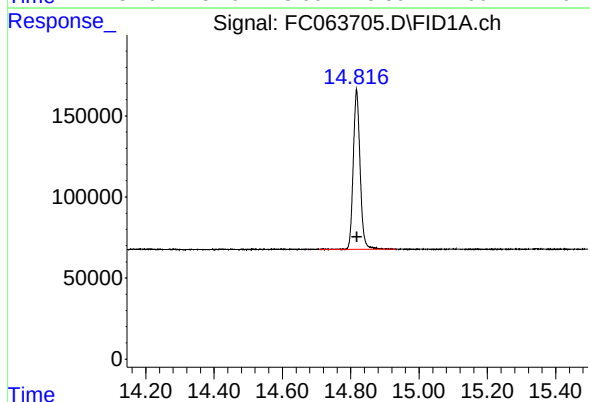
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 1262853
Conc: 10.09 ug/ml



#13 n-Docosane (C22)

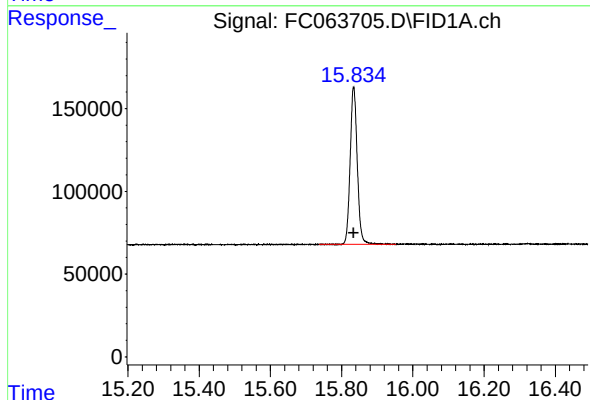
R.T.: 13.719 min
Delta R.T.: -0.001 min
Response: 1404633
Conc: 10.19 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



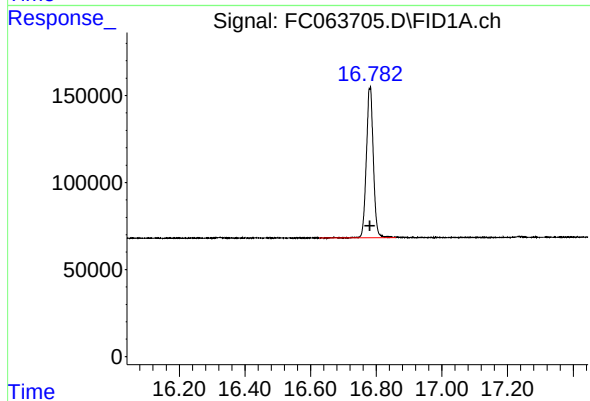
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: 0.000 min
Response: 1368383
Conc: 10.18 ug/ml



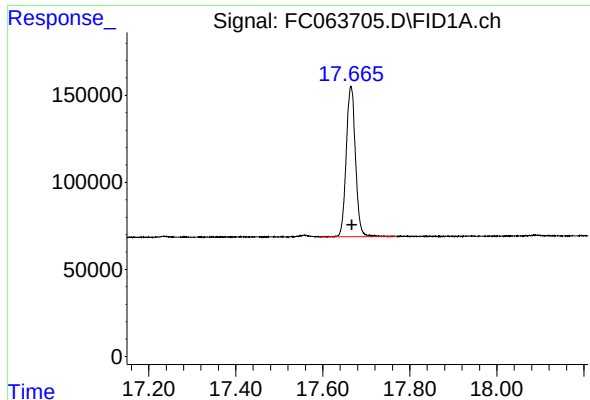
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: 0.000 min
Response: 1324716
Conc: 10.22 ug/ml



#16 n-Octacosane (C28)

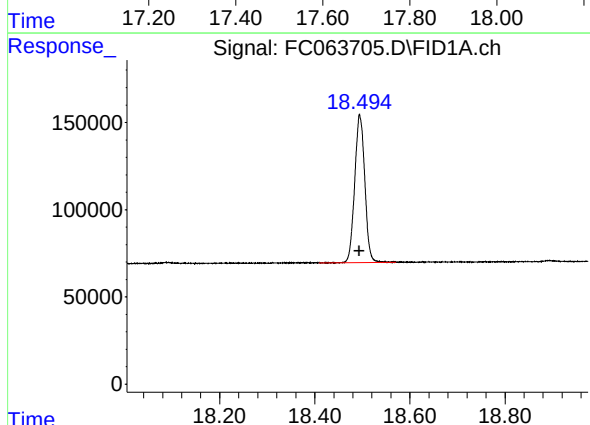
R.T.: 16.781 min
Delta R.T.: 0.000 min
Response: 1266329
Conc: 10.16 ug/ml



#17 n-Tricontane (C30)

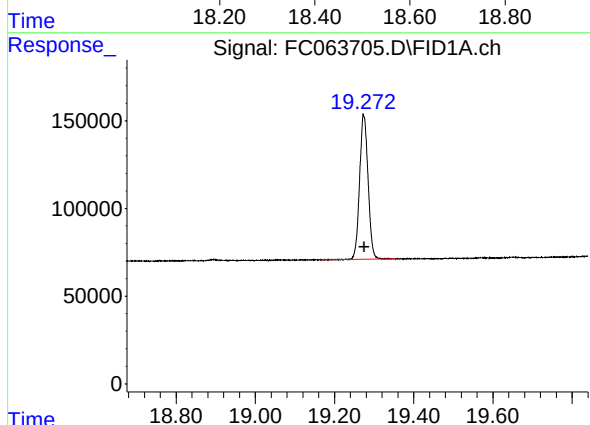
R.T.: 17.665 min
Delta R.T.: -0.002 min
Response: 1276996
Conc: 10.23 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



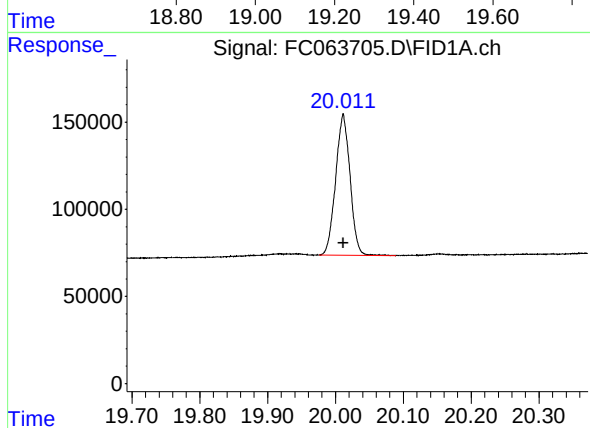
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: 0.000 min
Response: 1244399
Conc: 10.22 ug/ml



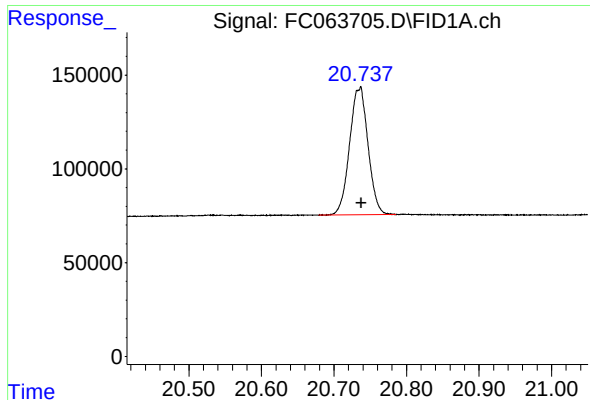
#19 n-Tetatriacontane (C34)

R.T.: 19.273 min
Delta R.T.: -0.002 min
Response: 1229640
Conc: 10.20 ug/ml



#20 n-Hexatriacontane (C36)

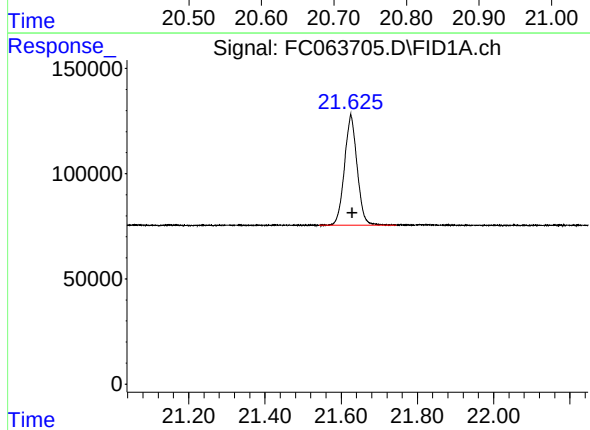
R.T.: 20.011 min
Delta R.T.: 0.000 min
Response: 1192655
Conc: 10.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: 0.000 min
Response: 1199508
Conc: 10.10 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.626 min
Delta R.T.: -0.004 min
Response: 1206166
Conc: 10.15 ug/ml