

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010523AL\
 Data File : FC062572.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jan 2023 22:26
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 05 04:48:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:47:27 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)	11.557	1577045	11.443 ug/ml
Spiked Amount 50.000		Recovery =	22.89%
12) S 1-chlorooctadecane (S...	12.996	1168899	11.335 ug/ml
Spiked Amount 50.000		Recovery =	22.67%
Target Compounds			
1) T n-Nonane (C9)	3.316	1481307	11.429 ug/ml
2) T n-Decane (C10)	4.382	1435725	11.411 ug/ml
3) T A~Naphthalene (C11.7)	5.968	1618137	11.335 ug/ml
4) T n-Dodecane (C12)	6.403	1411505	11.405 ug/ml
5) T A~2-methylnaphthalene...	7.026	1505571	11.267 ug/ml
6) T n-Tetradecane (C14)	8.199	1426005	11.402 ug/ml
7) T n-Hexadecane (C16)	9.800	1433129	11.405 ug/ml
8) T n-Octadecane (C18)	11.244	1442158	11.434 ug/ml
10) T n-Eicosane (C20)	12.552	1374431	11.436 ug/ml
11) T n-Heneicosane (C21)	13.163	1366007	11.405 ug/ml
13) T n-Docosane (C22)	13.748	1329546	11.396 ug/ml
14) T n-Tetracosane (C24)	14.850	1295288	11.353 ug/ml
15) T n-Hexacosane (C26)	15.869	1249870	11.389 ug/ml
16) T n-Octacosane (C28)	16.816	1222849	11.448 ug/ml
17) T n-Tricontane (C30)	17.703	1203518	11.415 ug/ml
18) T n-Dotriacontane (C32)	18.534	1207587	11.415 ug/ml
19) T n-Tetratriacontane (C34)	19.316	1202739	11.400 ug/ml
20) T n-Hexatriacontane (C36)	20.054	1224322	10.803 ug/ml
21) T n-Octatriacontane (C38)	20.787	1167227	11.375 ug/ml
22) T n-Tetracontane (C40)	21.694	1176247	11.311 ug/ml

(f)=RT Delta > 1/2 Window

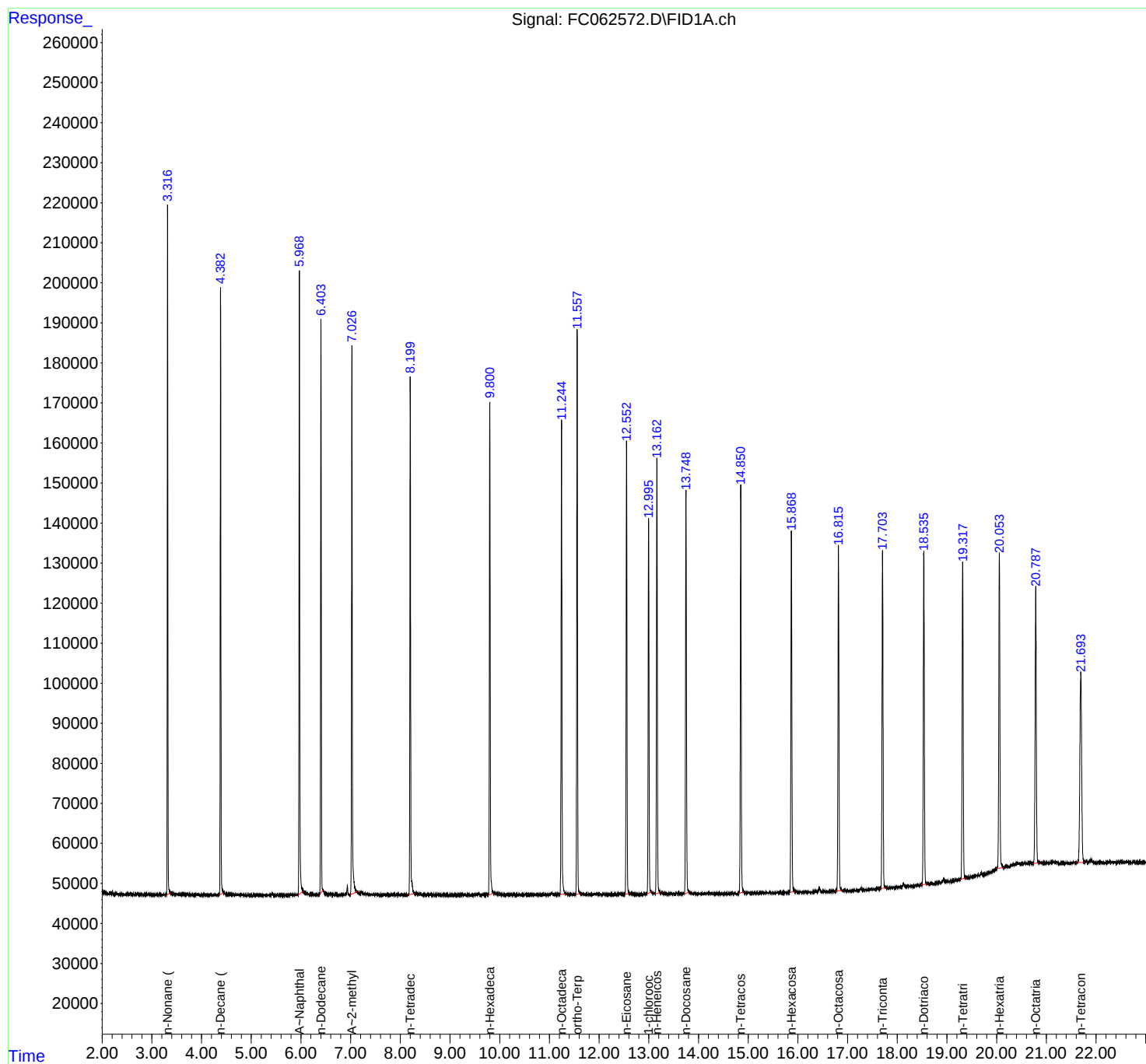
(m)=manual int.

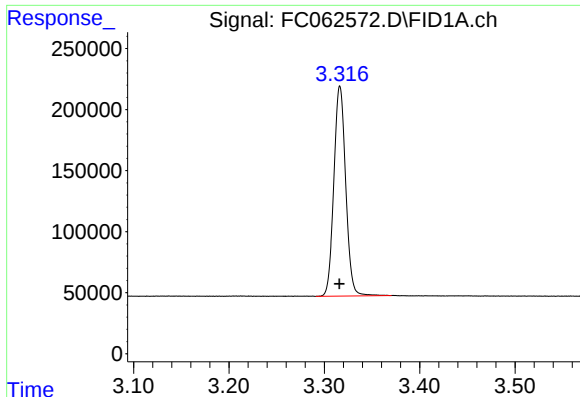
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010523AL\
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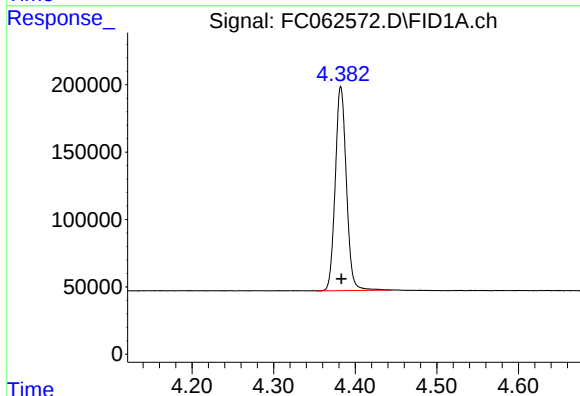




#1 n-Nonane (C9)

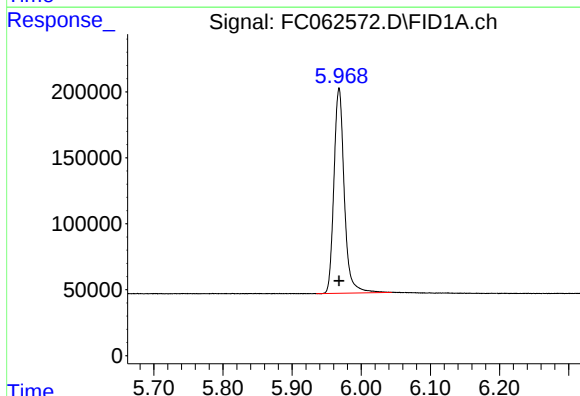
R.T.: 3.316 min
Delta R.T.: 0.000 min
Response: 1481307
Conc: 11.43 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



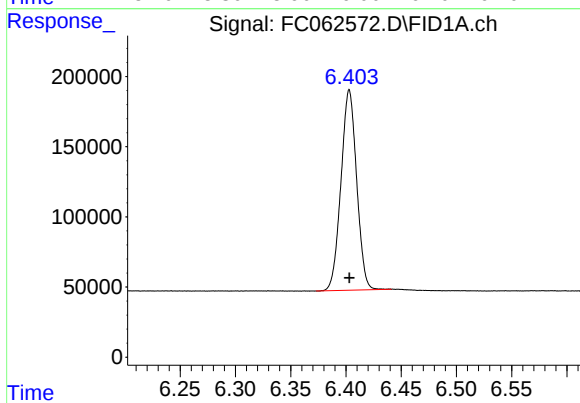
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: 0.000 min
Response: 1435725
Conc: 11.41 ug/ml



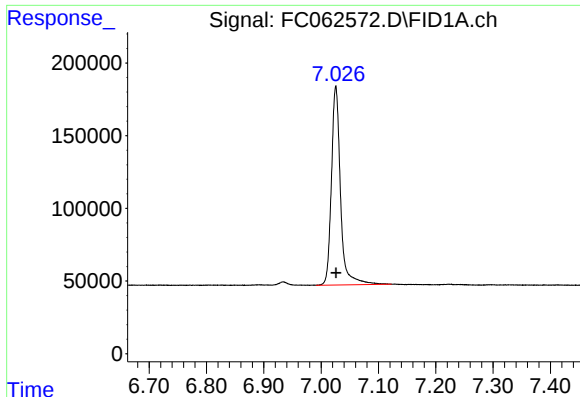
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 1618137
Conc: 11.34 ug/ml



#4 n-Dodecane (C12)

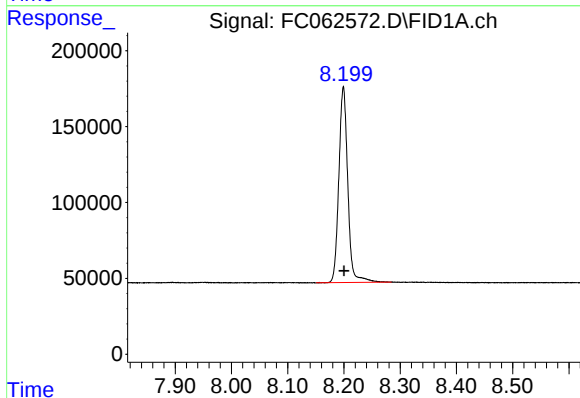
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 1411505
Conc: 11.40 ug/ml



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

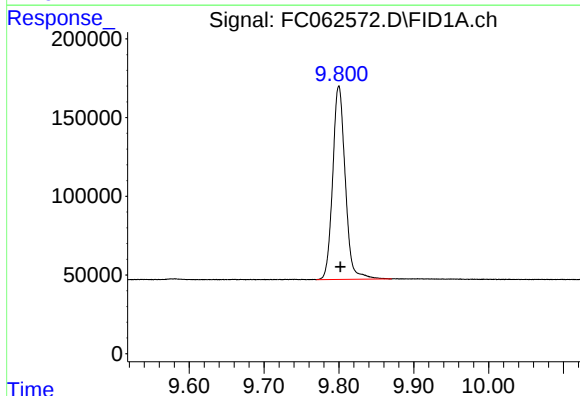
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 1505571
Conc: 11.27 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



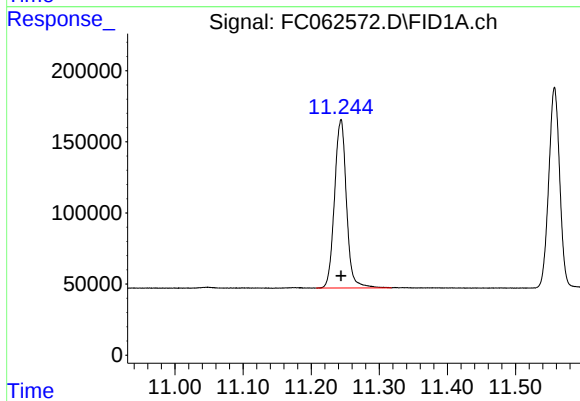
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 1426005
Conc: 11.40 ug/ml



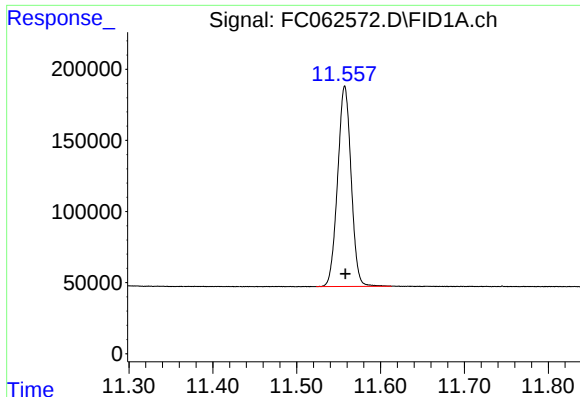
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.002 min
Response: 1433129
Conc: 11.41 ug/ml



#8 n-Octadecane (C18)

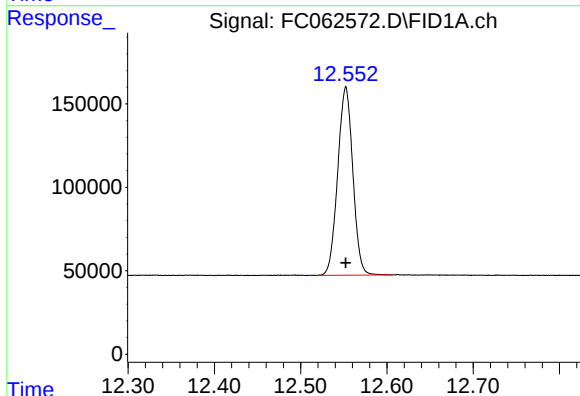
R.T.: 11.244 min
Delta R.T.: 0.000 min
Response: 1442158
Conc: 11.43 ug/ml



#9 ortho-Terphenyl (SURR)

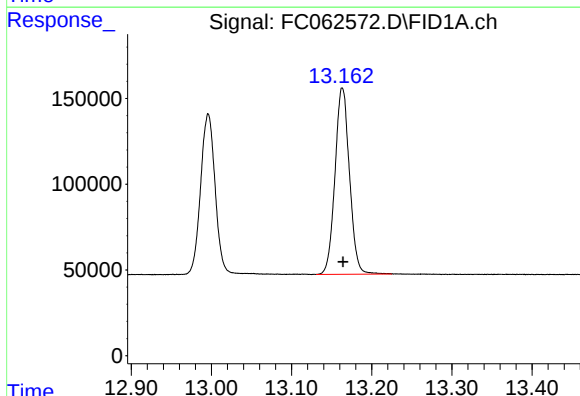
R.T.: 11.557 min
Delta R.T.: -0.001 min
Response: 1577045
Conc: 11.44 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



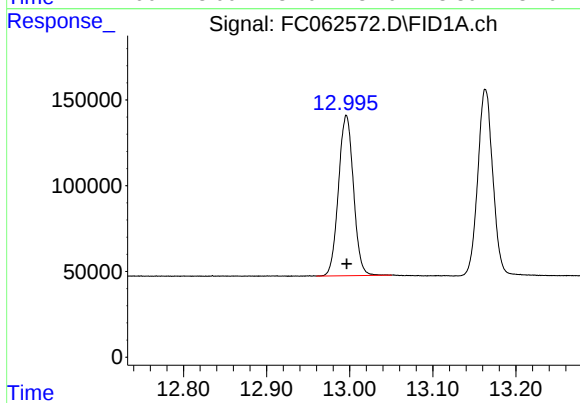
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: 0.000 min
Response: 1374431
Conc: 11.44 ug/ml



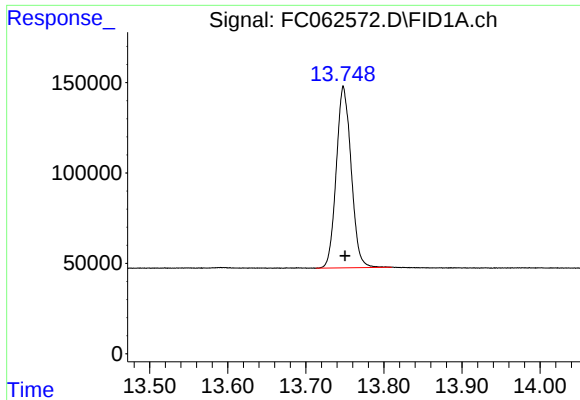
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: 0.000 min
Response: 1366007
Conc: 11.41 ug/ml



#12 1-chlorooctadecane (SURR)

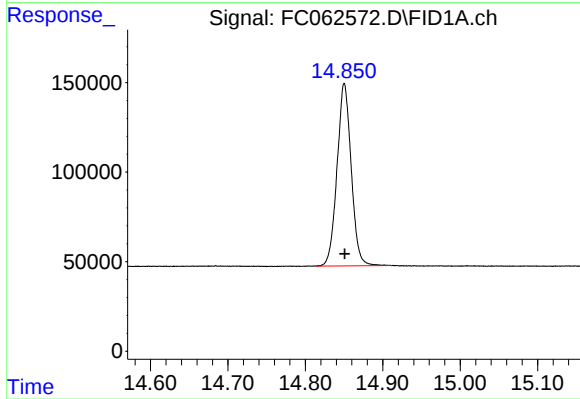
R.T.: 12.996 min
Delta R.T.: 0.000 min
Response: 1168899
Conc: 11.33 ug/ml



#13 n-Docosane (C22)

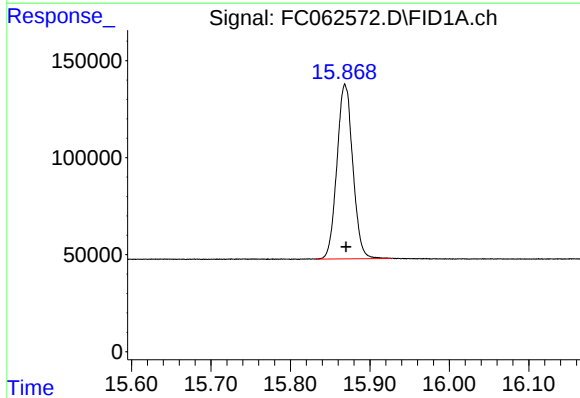
R.T.: 13.748 min
Delta R.T.: -0.002 min
Response: 1329546
Conc: 11.40 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



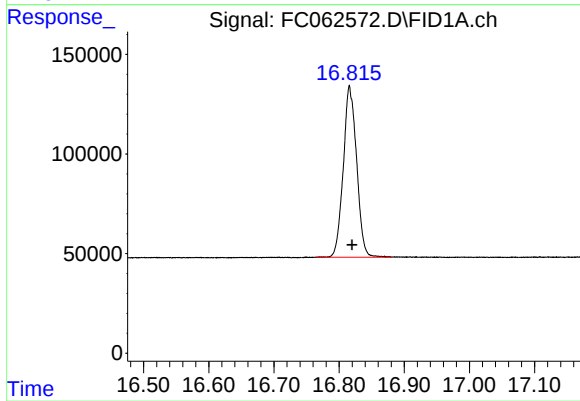
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.000 min
Response: 1295288
Conc: 11.35 ug/ml



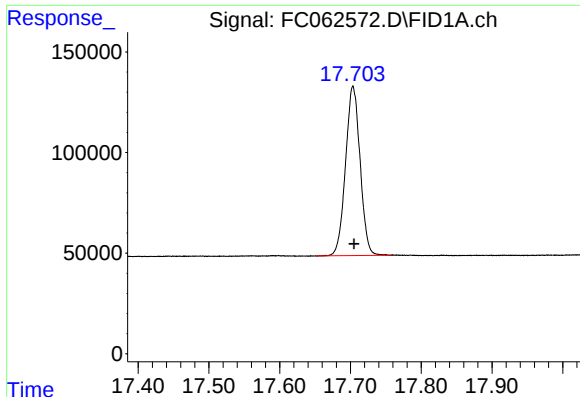
#15 n-Hexacosane (C26)

R.T.: 15.869 min
Delta R.T.: -0.001 min
Response: 1249870
Conc: 11.39 ug/ml



#16 n-Octacosane (C28)

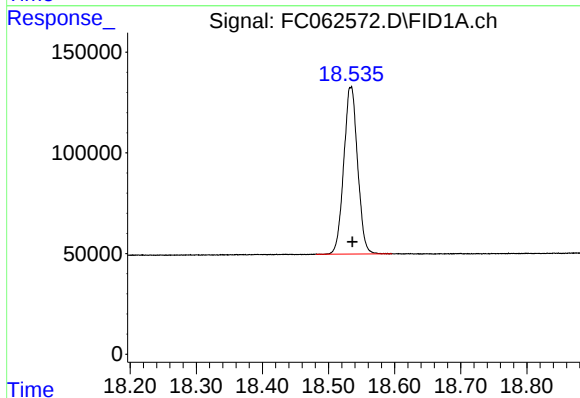
R.T.: 16.816 min
Delta R.T.: -0.004 min
Response: 1222849
Conc: 11.45 ug/ml



#17 n-Tricontane (C30)

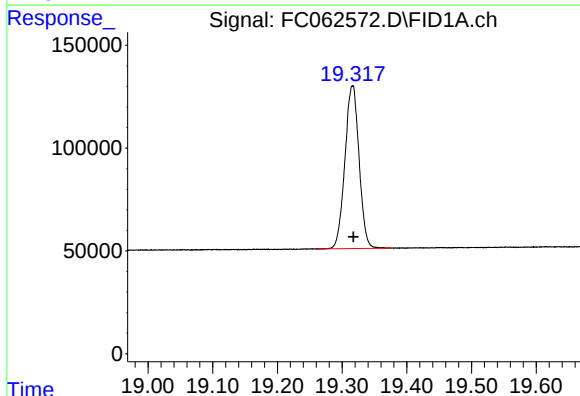
R.T.: 17.703 min
Delta R.T.: -0.002 min
Response: 1203518
Conc: 11.42 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



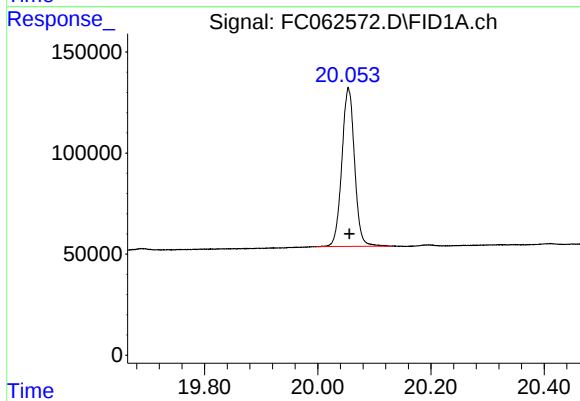
#18 n-Dotriacontane (C32)

R.T.: 18.534 min
Delta R.T.: -0.002 min
Response: 1207587
Conc: 11.42 ug/ml



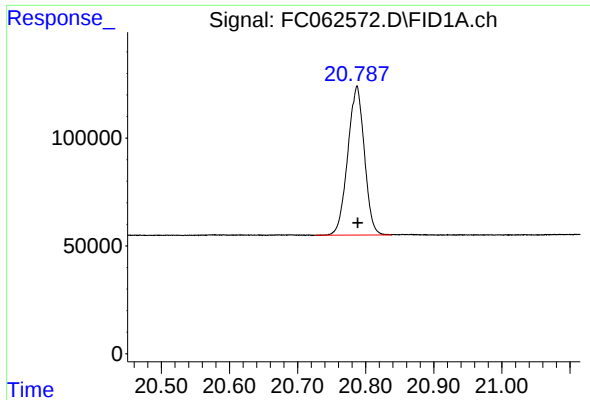
#19 n-Tetratriacontane (C34)

R.T.: 19.316 min
Delta R.T.: -0.001 min
Response: 1202739
Conc: 11.40 ug/ml



#20 n-Hexatriacontane (C36)

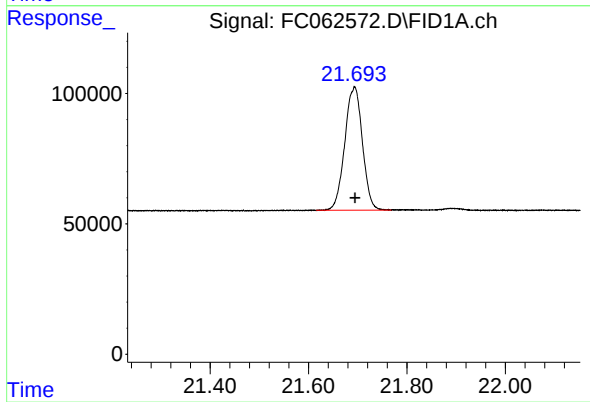
R.T.: 20.054 min
Delta R.T.: -0.001 min
Response: 1224322
Conc: 10.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.001 min
Response: 1167227
Conc: 11.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.694 min
Delta R.T.: 0.000 min
Response: 1176247
Conc: 11.31 ug/ml