

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064578.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 19:21
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 15 01:23:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 14 19:34:47 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)	11.503	2110888	10.756 ug/ml
Spiked Amount 50.000		Recovery =	21.51%
12) S 1-chlorooctadecane (S...	12.937	1512280	10.656 ug/ml
Spiked Amount 50.000		Recovery =	21.31%
Target Compounds			
1) T n-Nonane (C9)	3.298	1829601	10.578 ug/ml
2) T n-Decane (C10)	4.359	1848836	10.470 ug/ml
3) T A~Naphthalene (C11.7)	5.940	1893653	9.938 ug/ml
4) T n-Dodecane (C12)	6.370	1879292	10.567 ug/ml
5) T A~2-methylnaphthalene...	6.994	1805070	9.891 ug/ml
6) T n-Tetradecane (C14)	8.158	1829344	10.511 ug/ml
7) T n-Hexadecane (C16)	9.755	1856875	10.516 ug/ml
8) T n-Octadecane (C18)	11.191	1884312	10.713 ug/ml
10) T n-Eicosane (C20)	12.495	1780155	10.798 ug/ml
11) T n-Heneicosane (C21)	13.105	1728039	10.781 ug/ml
13) T n-Docosane (C22)	13.690	1696535	10.791 ug/ml
14) T n-Tetracosane (C24)	14.788	1649591	10.816 ug/ml
15) T n-Hexacosane (C26)	15.806	1585124	10.828 ug/ml
16) T n-Octacosane (C28)	16.749	1537733	10.924 ug/ml
17) T n-Tricontane (C30)	17.634	1547855	11.022 ug/ml
18) T n-Dotriacontane (C32)	18.463	1519002	11.098 ug/ml
19) T n-Tetratriacontane (C34)	19.243	1493940	11.129 ug/ml
20) T n-Hexatriacontane (C36)	19.980	1457106	11.135 ug/ml
21) T n-Octatriacontane (C38)	20.698	1450688	11.086 ug/ml
22) T n-Tetracontane (C40)	21.576	1435013	11.012 ug/ml

(f)=RT Delta > 1/2 Window

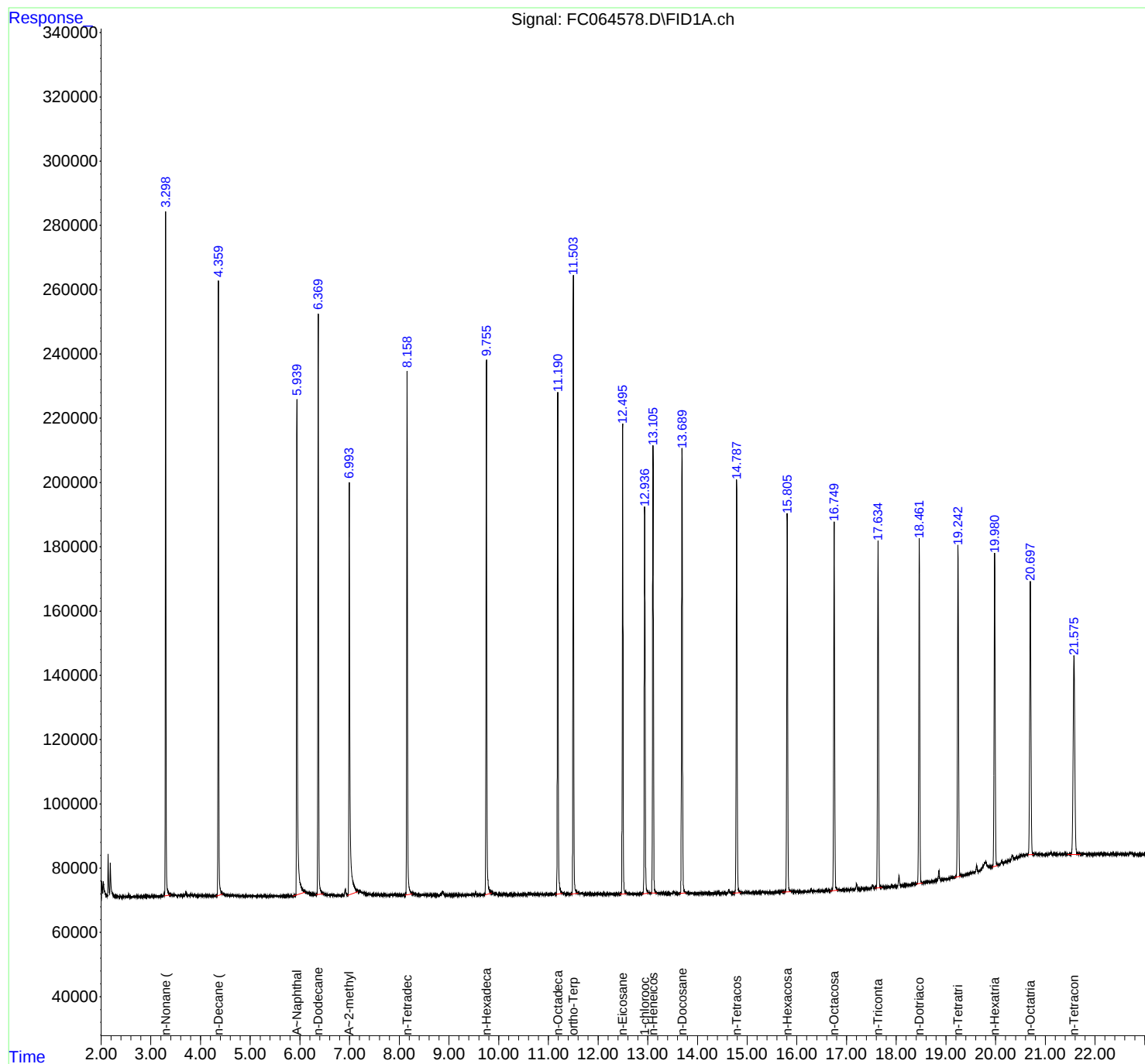
(m)=manual int.

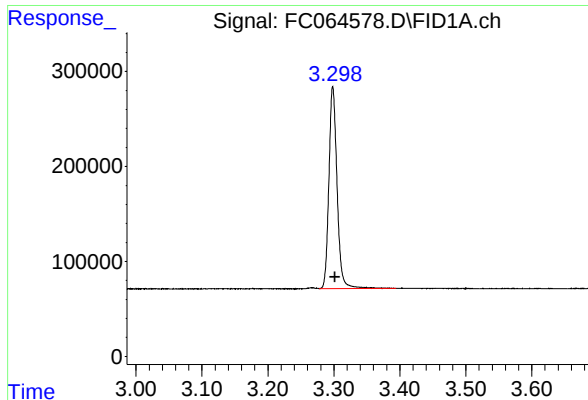
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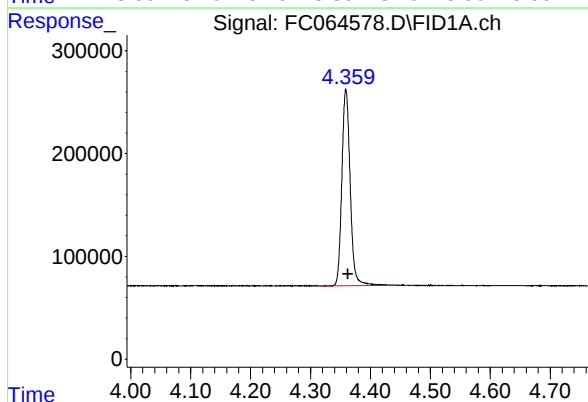




#1 n-Nonane (C9)

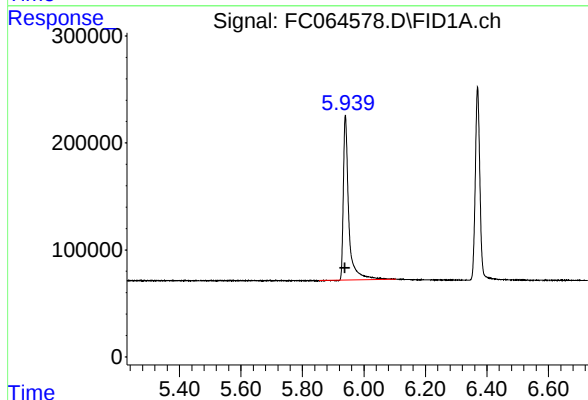
R.T.: 3.298 min
Delta R.T.: -0.004 min
Response: 1829601
Conc: 10.58 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



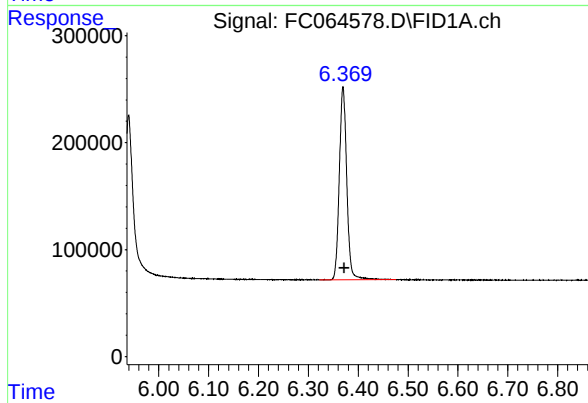
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 1848836
Conc: 10.47 ug/ml



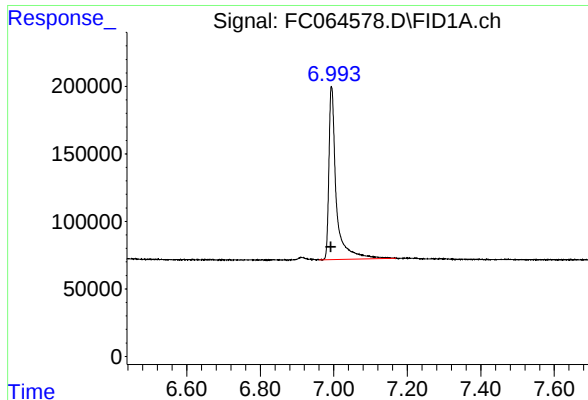
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 1893653
Conc: 9.94 ug/ml



#4 n-Dodecane (C12)

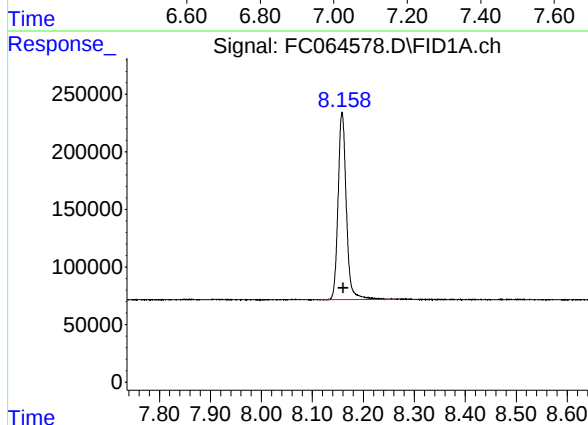
R.T.: 6.370 min
Delta R.T.: -0.003 min
Response: 1879292
Conc: 10.57 ug/ml



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

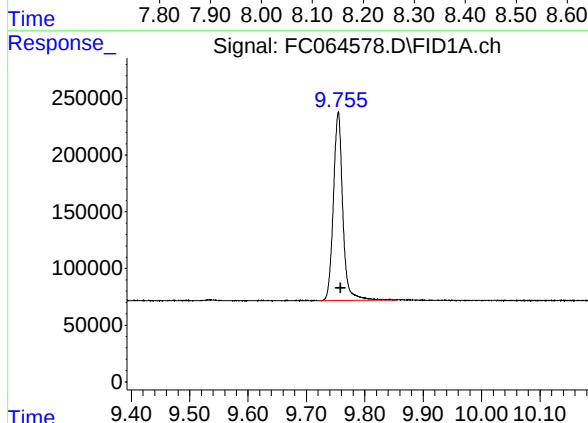
R.T.: 6.994 min
Delta R.T.: 0.001 min
Response: 1805070
Conc: 9.89 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



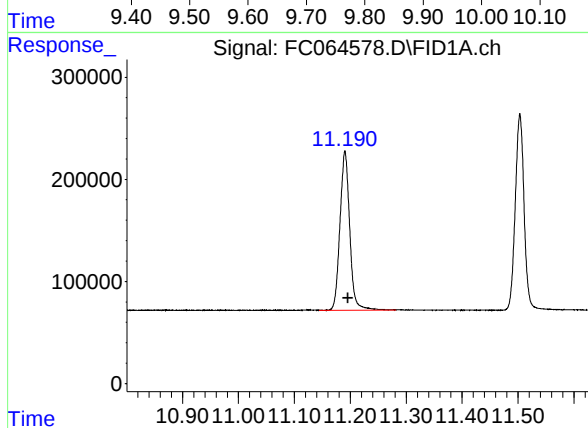
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: -0.003 min
Response: 1829344
Conc: 10.51 ug/ml



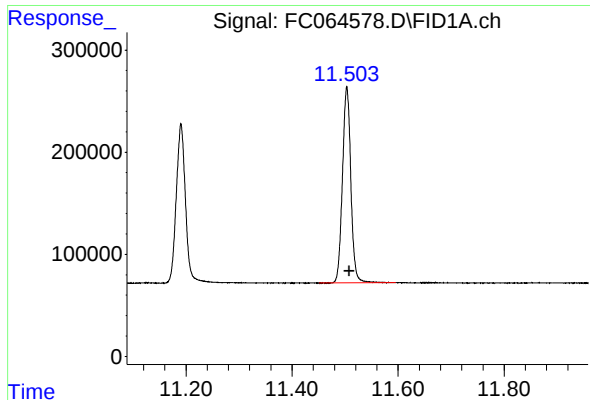
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: -0.004 min
Response: 1856875
Conc: 10.52 ug/ml



#8 n-Octadecane (C18)

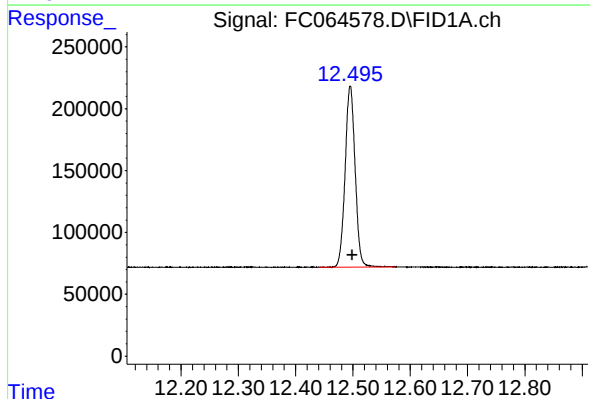
R.T.: 11.191 min
Delta R.T.: -0.005 min
Response: 1884312
Conc: 10.71 ug/ml



#9 ortho-Terphenyl (SURR)

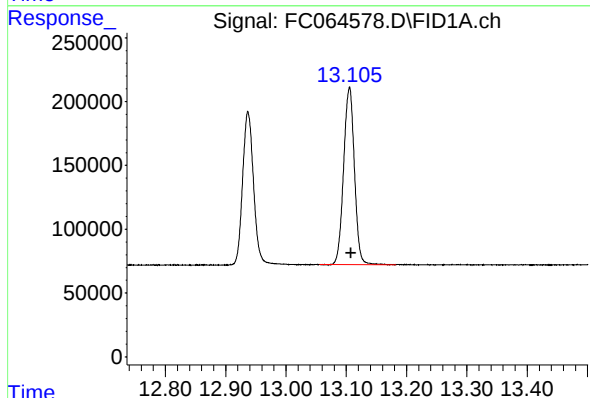
R.T.: 11.503 min
Delta R.T.: -0.005 min
Response: 2110888
Conc: 10.76 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



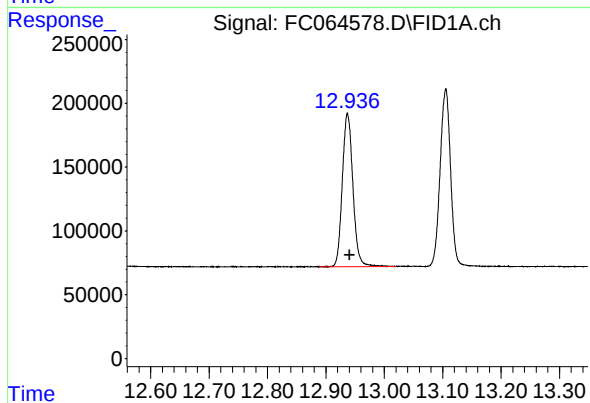
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: -0.004 min
Response: 1780155
Conc: 10.80 ug/ml



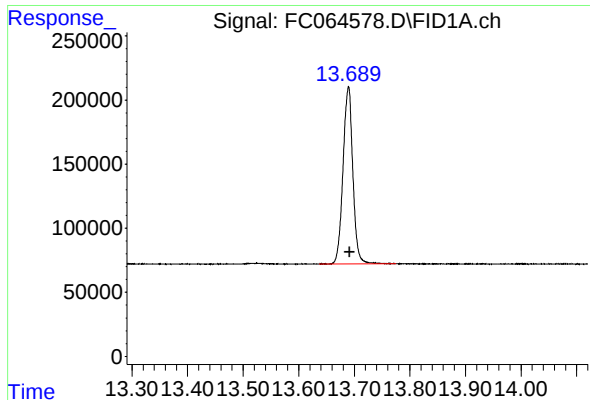
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: -0.003 min
Response: 1728039
Conc: 10.78 ug/ml



#12 1-chlorooctadecane (SURR)

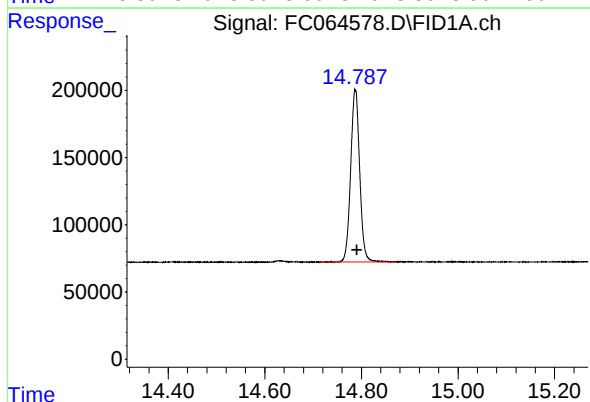
R.T.: 12.937 min
Delta R.T.: -0.003 min
Response: 1512280
Conc: 10.66 ug/ml



#13 n-Docosane (C22)

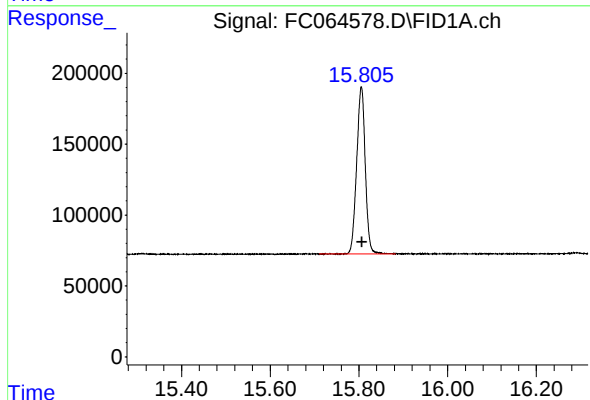
R.T.: 13.690 min
Delta R.T.: -0.002 min
Response: 1696535
Conc: 10.79 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



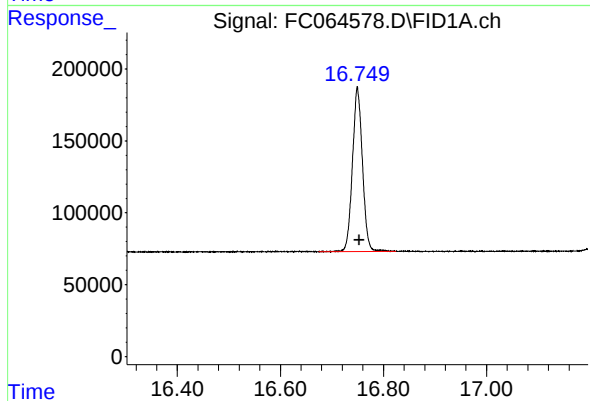
#14 n-Tetracosane (C24)

R.T.: 14.788 min
Delta R.T.: -0.003 min
Response: 1649591
Conc: 10.82 ug/ml



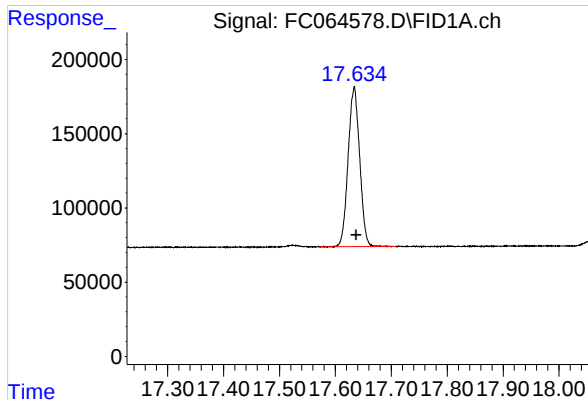
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.001 min
Response: 1585124
Conc: 10.83 ug/ml



#16 n-Octacosane (C28)

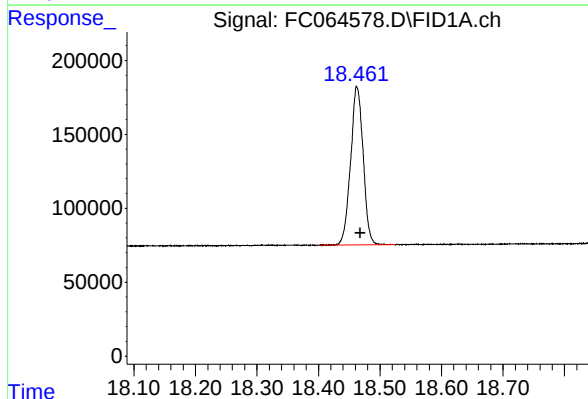
R.T.: 16.749 min
Delta R.T.: -0.004 min
Response: 1537733
Conc: 10.92 ug/ml



#17 n-Tricontane (C30)

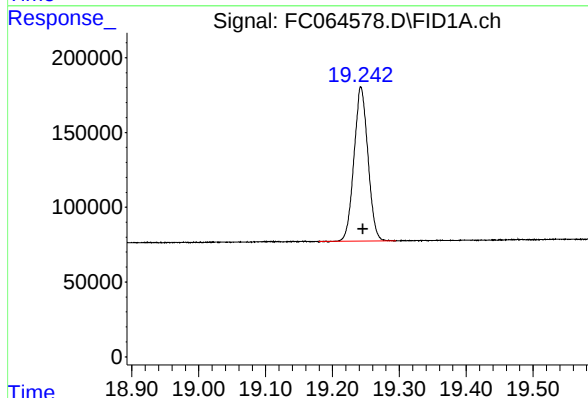
R.T.: 17.634 min
Delta R.T.: -0.003 min
Response: 1547855
Conc: 11.02 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



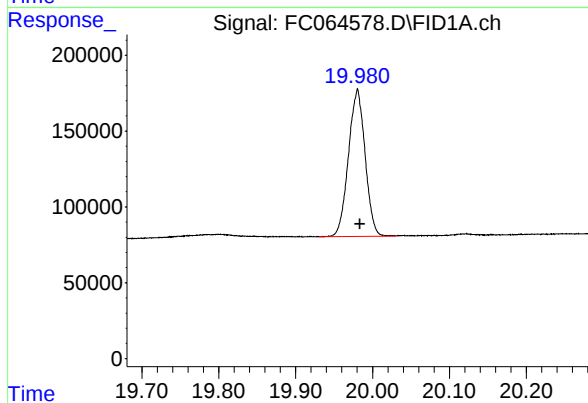
#18 n-Dotriacontane (C32)

R.T.: 18.463 min
Delta R.T.: -0.006 min
Response: 1519002
Conc: 11.10 ug/ml



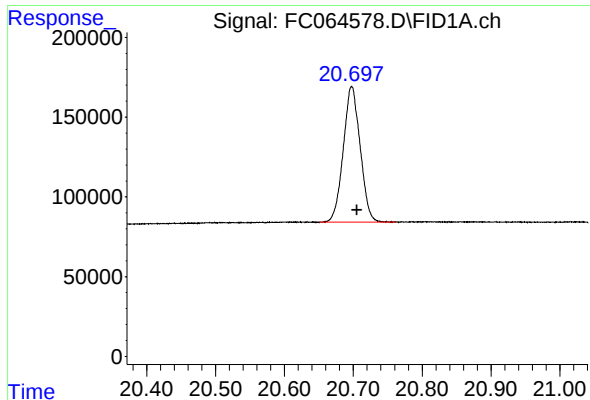
#19 n-Tetratriacontane (C34)

R.T.: 19.243 min
Delta R.T.: -0.003 min
Response: 1493940
Conc: 11.13 ug/ml



#20 n-Hexatriacontane (C36)

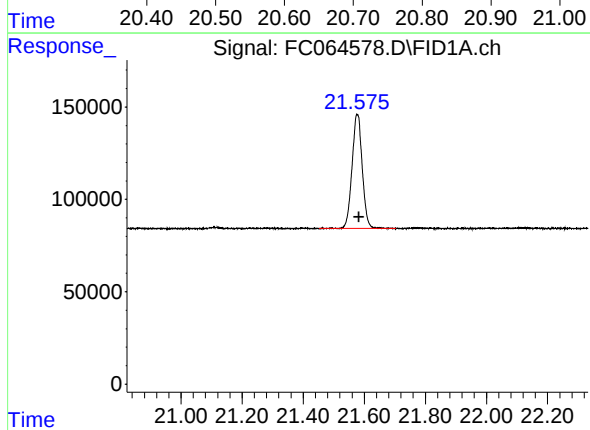
R.T.: 19.980 min
Delta R.T.: -0.003 min
Response: 1457106
Conc: 11.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.698 min
Delta R.T.: -0.007 min
Response: 1450688
Conc: 11.09 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.576 min
Delta R.T.: -0.007 min
Response: 1435013
Conc: 11.01 ug/ml