

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100323AL\
 Data File : FC064713.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2023 07:57
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 03 08:33:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 Qlast Update : Fri Sep 15 01:25:53 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)	11.520	4671708	23.088 ug/ml
Spiked Amount 50.000		Recovery =	46.18%
12) S 1-chlorooctadecane (S...	12.951	3376772	23.183 ug/ml
Spiked Amount 50.000		Recovery =	46.37%
Target Compounds			
1) T n-Nonane (C9)	3.321	4103779	23.222 ug/ml
2) T n-Decane (C10)	4.380	4141383	23.053 ug/ml
3) T A~Naphthalene (C11.7)	5.960	4360607	23.211 ug/ml
4) T n-Dodecane (C12)	6.389	4178125	23.002 ug/ml
5) T A~2-methylnaphthalene...	7.013	4136587	23.196 ug/ml
6) T n-Tetradecane (C14)	8.177	4068299	22.928 ug/ml
7) T n-Hexadecane (C16)	9.771	4045040	22.503 ug/ml
8) T n-Octadecane (C18)	11.206	4027783	22.246 ug/ml
10) T n-Eicosane (C20)	12.508	3810140	22.368 ug/ml
11) T n-Heneicosane (C21)	13.117	3729262	22.516 ug/ml
13) T n-Docosane (C22)	13.701	3657171	22.449 ug/ml
14) T n-Tetracosane (C24)	14.799	3516812	22.152 ug/ml
15) T n-Hexacosane (C26)	15.815	3358548	22.002 ug/ml
16) T n-Octacosane (C28)	16.761	3233824	21.850 ug/ml
17) T n-Tricontane (C30)	17.644	3220082	21.676 ug/ml
18) T n-Dotriacontane (C32)	18.473	3150235	21.586 ug/ml
19) T n-Tetratriacontane (C34)	19.254	3062128	21.539 ug/ml
20) T n-Hexatriacontane (C36)	19.989	2977814	21.620 ug/ml
21) T n-Octatriacontane (C38)	20.710	2918872	21.298 ug/ml
22) T n-Tetracontane (C40)	21.590	2845916	20.922 ug/ml

(f)=RT Delta > 1/2 Window

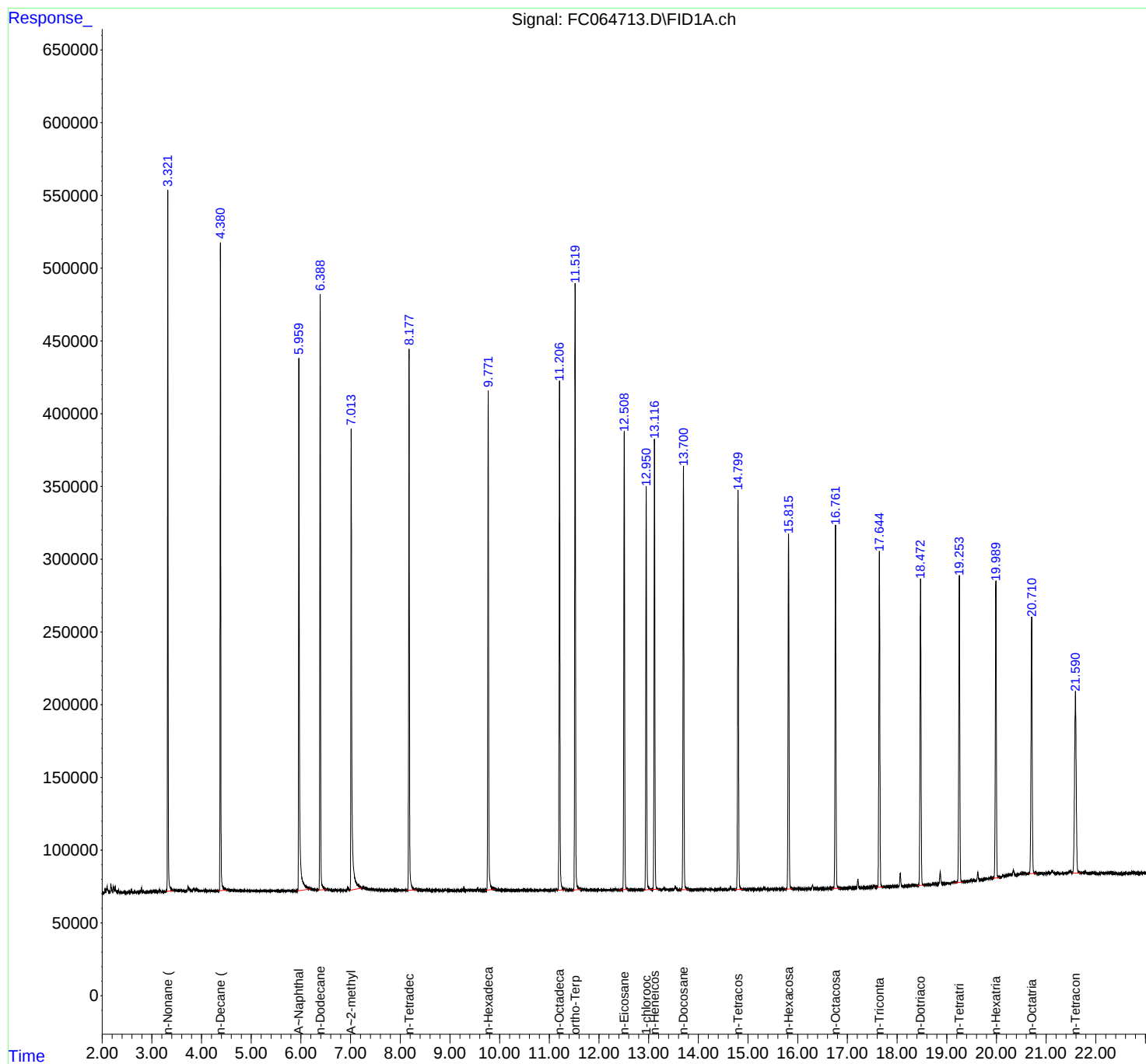
(m)=manual int.

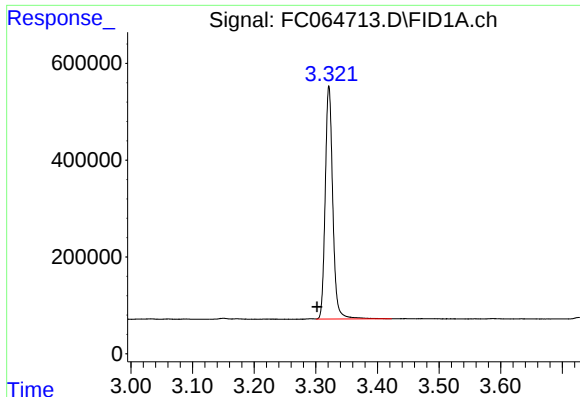
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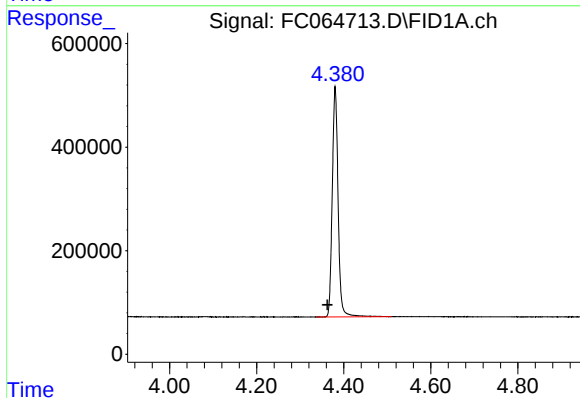




#1 n-Nonane (C9)

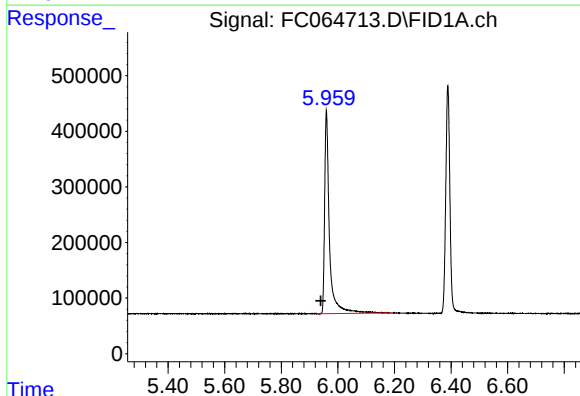
R.T.: 3.321 min
Delta R.T.: 0.019 min
Response: 4103779
Conc: 23.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



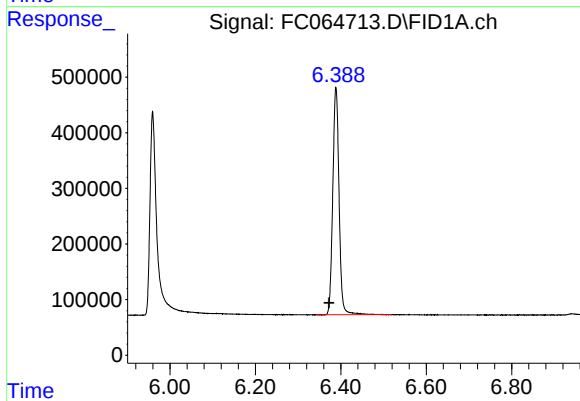
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: 0.018 min
Response: 4141383
Conc: 23.05 ug/ml



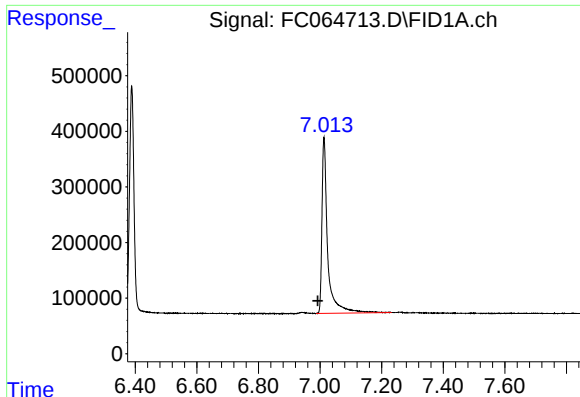
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: 0.021 min
Response: 4360607
Conc: 23.21 ug/ml



#4 n-Dodecane (C12)

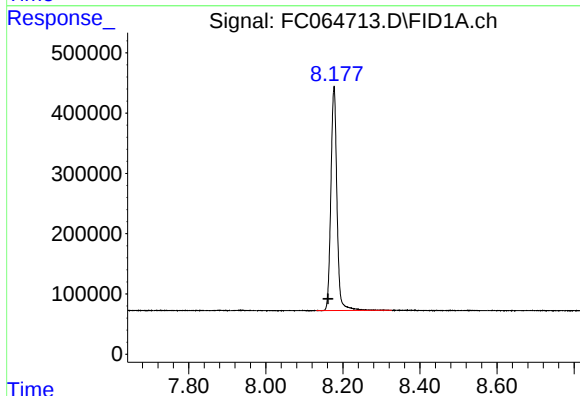
R.T.: 6.389 min
Delta R.T.: 0.016 min
Response: 4178125
Conc: 23.00 ug/ml



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

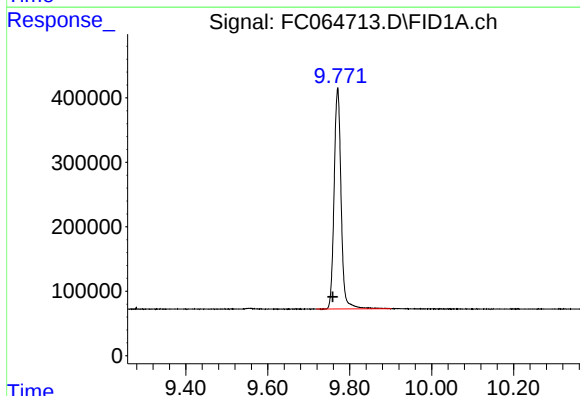
R.T.: 7.013 min
Delta R.T.: 0.020 min
Response: 4136587
Conc: 23.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



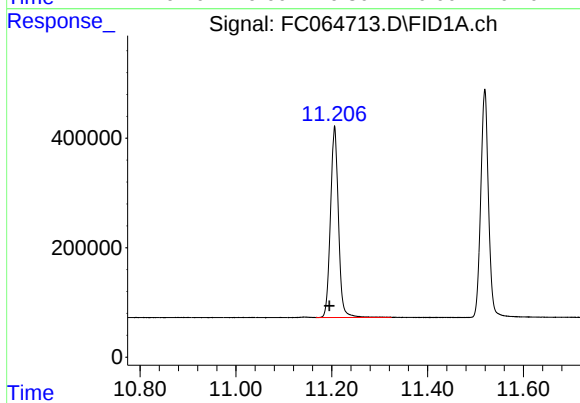
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.016 min
Response: 4068299
Conc: 22.93 ug/ml



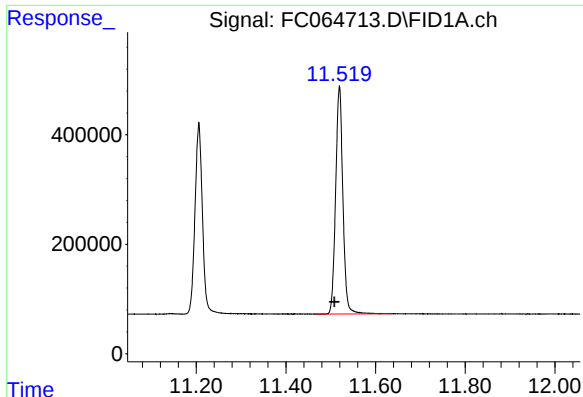
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: 0.012 min
Response: 4045040
Conc: 22.50 ug/ml



#8 n-Octadecane (C18)

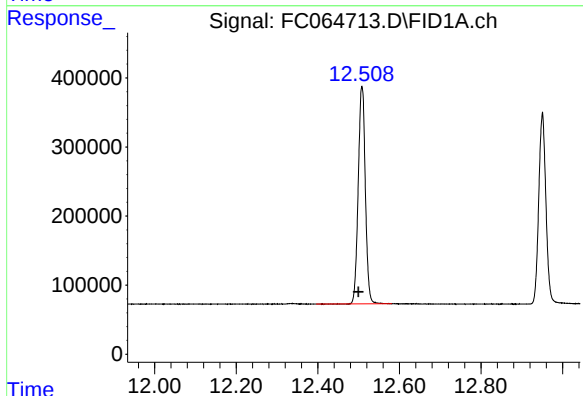
R.T.: 11.206 min
Delta R.T.: 0.010 min
Response: 4027783
Conc: 22.25 ug/ml



#9 ortho-Terphenyl (SURR)

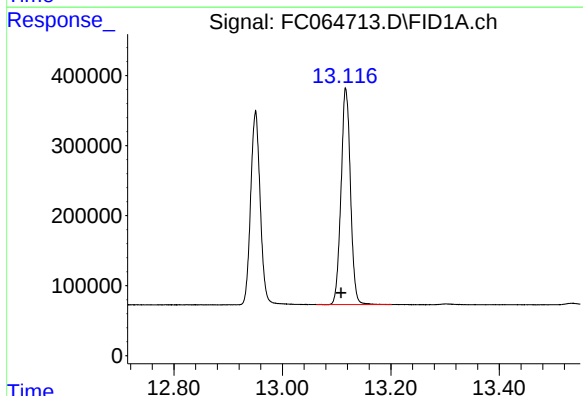
R.T.: 11.520 min
Delta R.T.: 0.011 min
Response: 4671708
Conc: 23.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



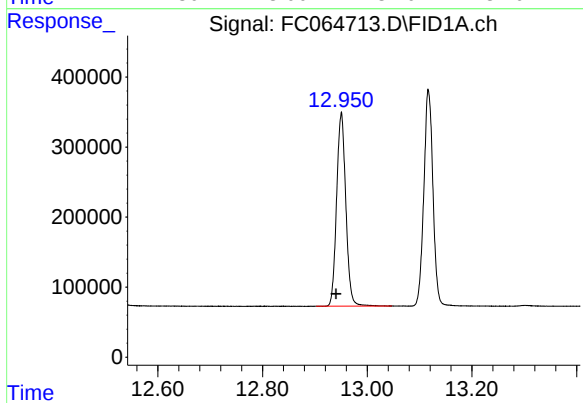
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: 0.009 min
Response: 3810140
Conc: 22.37 ug/ml



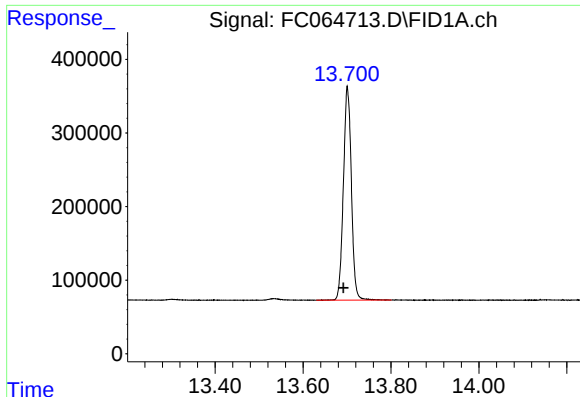
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.009 min
Response: 3729262
Conc: 22.52 ug/ml



#12 1-chlorooctadecane (SURR)

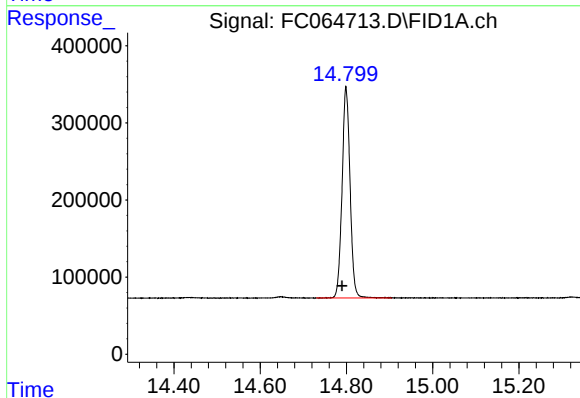
R.T.: 12.951 min
Delta R.T.: 0.010 min
Response: 3376772
Conc: 23.18 ug/ml



#13 n-Docosane (C22)

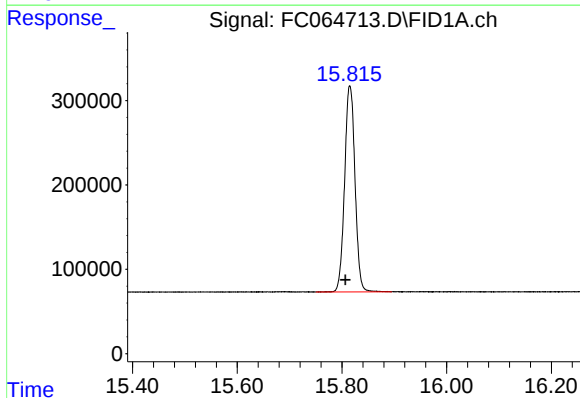
R.T.: 13.701 min
Delta R.T.: 0.009 min
Response: 3657171
Conc: 22.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



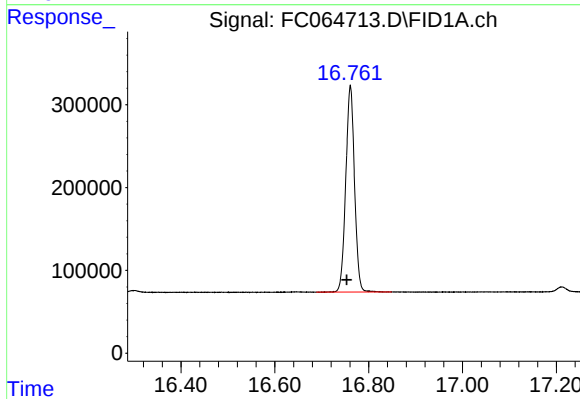
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.009 min
Response: 3516812
Conc: 22.15 ug/ml



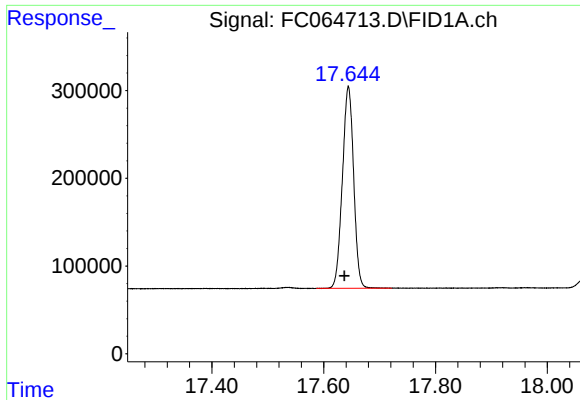
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.008 min
Response: 3358548
Conc: 22.00 ug/ml



#16 n-Octacosane (C28)

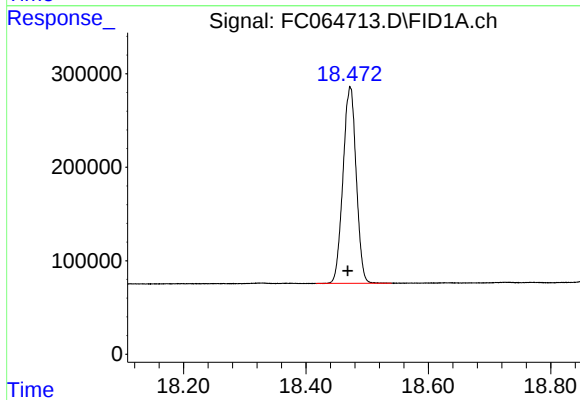
R.T.: 16.761 min
Delta R.T.: 0.007 min
Response: 3233824
Conc: 21.85 ug/ml



#17 n-Tricontane (C30)

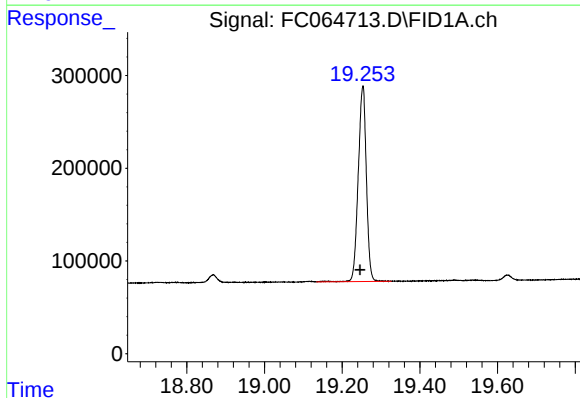
R.T.: 17.644 min
Delta R.T.: 0.007 min
Response: 3220082
Conc: 21.68 ug/ml

Instrument :
FID_C
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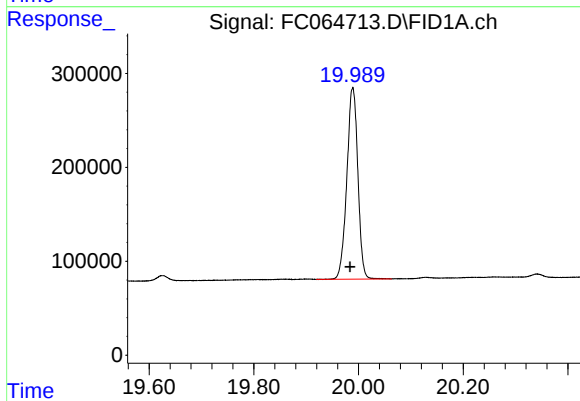
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.004 min
Response: 3150235
Conc: 21.59 ug/ml



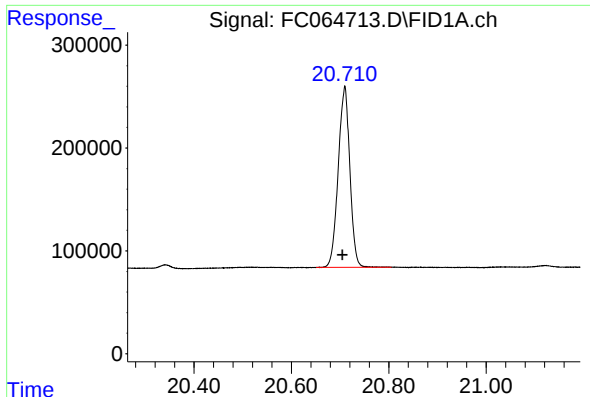
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: 0.008 min
Response: 3062128
Conc: 21.54 ug/ml



#20 n-Hexatriacontane (C36)

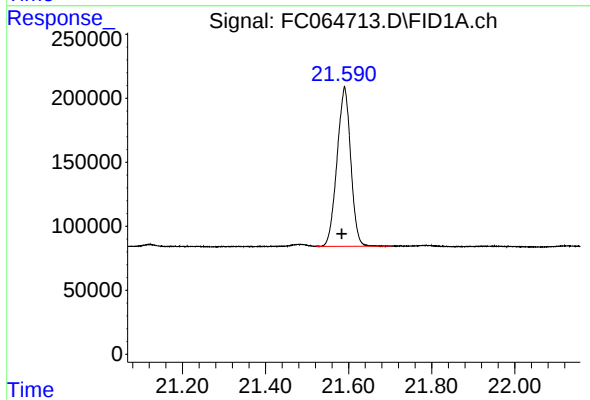
R.T.: 19.989 min
Delta R.T.: 0.005 min
Response: 2977814
Conc: 21.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.005 min
Response: 2918872
Conc: 21.30 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: 0.007 min
Response: 2845916
Conc: 20.92 ug/ml