

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100923AL\
 Data File : FC064780.D
 Signal(s) : FID1A.ch
 Acq On : 09 Oct 2023 19:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 09 23:46:24 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)	11.522	4562861	22.550 ug/ml
Spiked Amount 50.000		Recovery =	45.10%
12) S 1-chlorooctadecane (S...	12.952	3221816	22.119 ug/ml
Spiked Amount 50.000		Recovery =	44.24%
Target Compounds			
1) T n-Nonane (C9)	3.322	3962605	22.423 ug/ml
2) T n-Decane (C10)	4.381	3967586	22.085 ug/ml
3) T A~Naphthalene (C11.7)	5.962	4156844	22.127 ug/ml
4) T n-Dodecane (C12)	6.390	4015757	22.108 ug/ml
5) T A~2-methylnaphthalene...	7.015	3893023	21.830 ug/ml
6) T n-Tetradecane (C14)	8.178	3897303	21.964 ug/ml
7) T n-Hexadecane (C16)	9.771	3848498	21.410 ug/ml
8) T n-Octadecane (C18)	11.207	3851283	21.271 ug/ml
10) T n-Eicosane (C20)	12.511	3682081	21.616 ug/ml
11) T n-Heneicosane (C21)	13.120	3600164	21.737 ug/ml
13) T n-Docosane (C22)	13.703	3520810	21.612 ug/ml
14) T n-Tetracosane (C24)	14.801	3389692	21.351 ug/ml
15) T n-Hexacosane (C26)	15.818	3256725	21.335 ug/ml
16) T n-Octacosane (C28)	16.763	3129829	21.148 ug/ml
17) T n-Tricontane (C30)	17.646	3107104	20.915 ug/ml
18) T n-Dotriacontane (C32)	18.473	3064387	20.998 ug/ml
19) T n-Tetratriacontane (C34)	19.254	2976109	20.934 ug/ml
20) T n-Hexatriacontane (C36)	19.992	2915423	21.167 ug/ml
21) T n-Octatriacontane (C38)	20.712	2785494	20.325 ug/ml
22) T n-Tetracontane (C40)	21.597	2501713	18.391 ug/ml

(f)=RT Delta > 1/2 Window

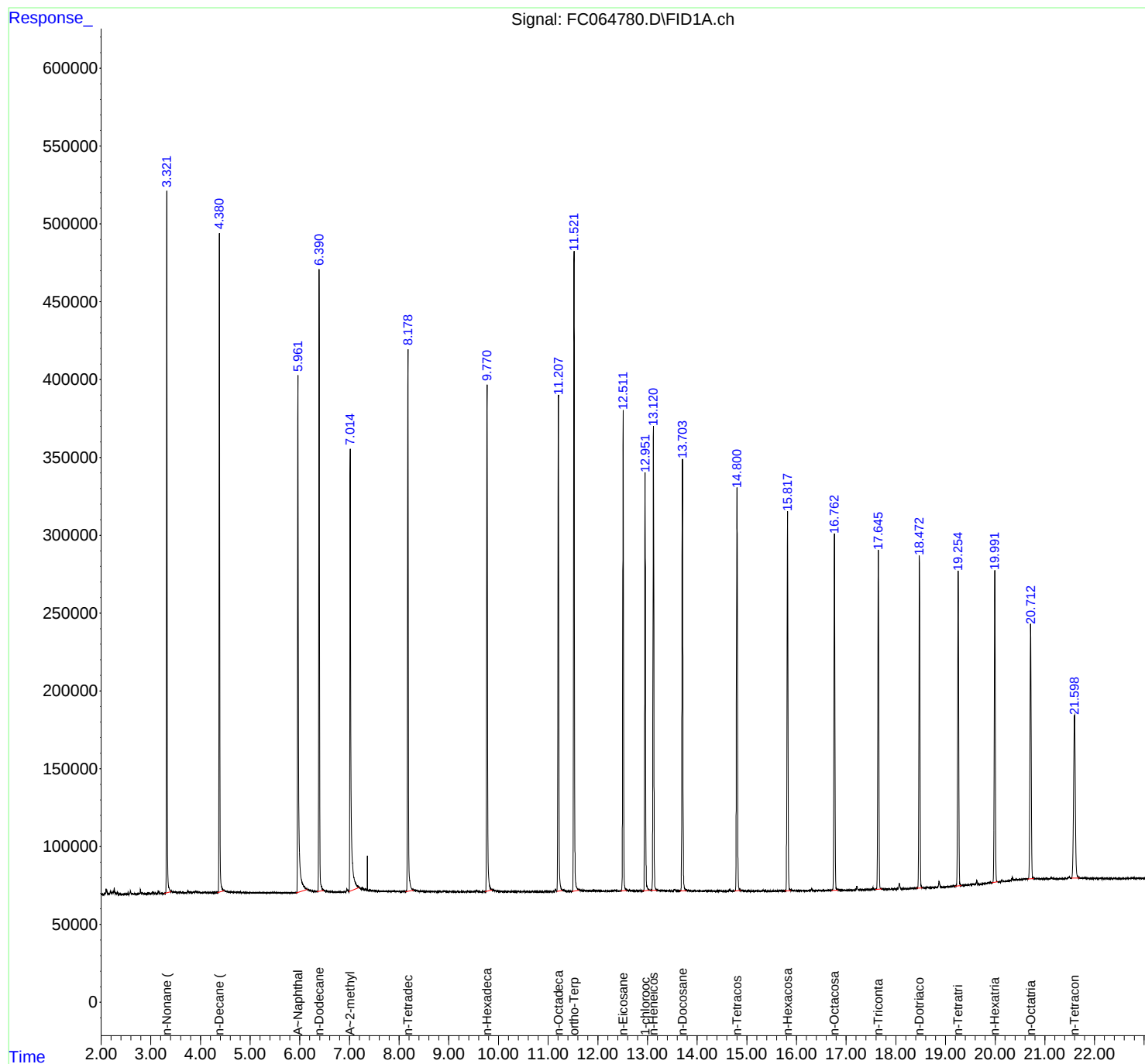
(m)=manual int.

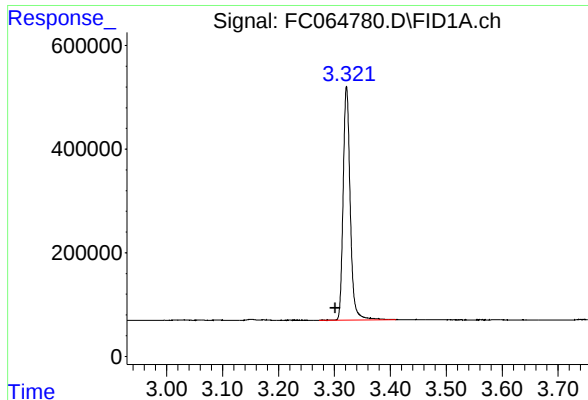
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100923AL\
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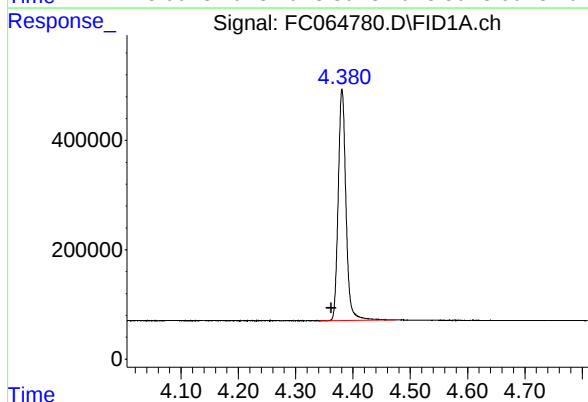




#1 n-Nonane (C9)

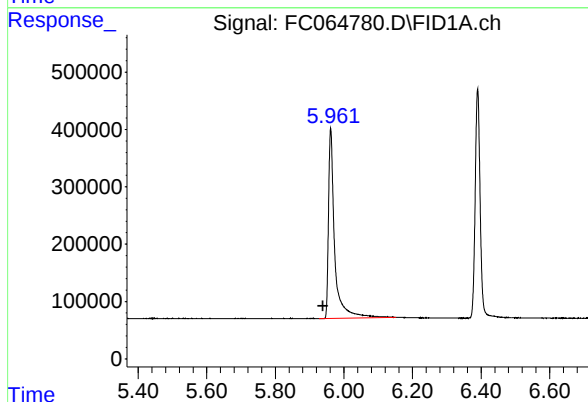
R.T.: 3.322 min
Delta R.T.: 0.020 min
Response: 3962605
Conc: 22.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



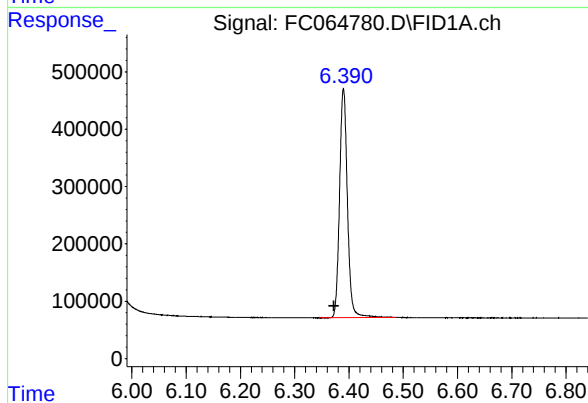
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.019 min
Response: 3967586
Conc: 22.09 ug/ml



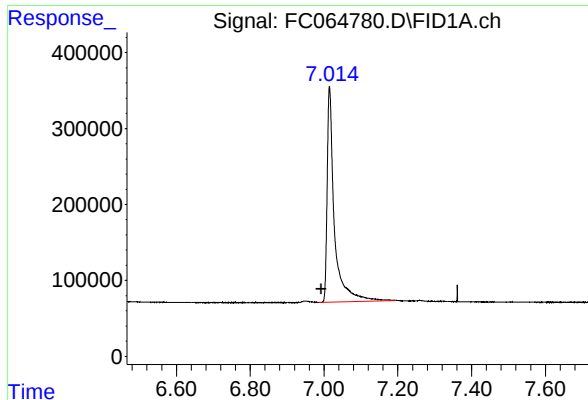
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.023 min
Response: 4156844
Conc: 22.13 ug/ml



#4 n-Dodecane (C12)

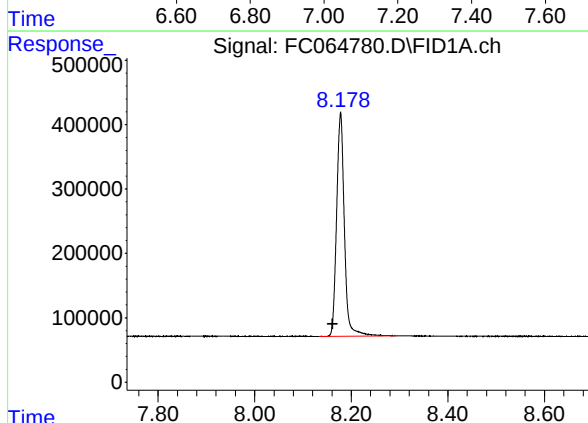
R.T.: 6.390 min
Delta R.T.: 0.017 min
Response: 4015757
Conc: 22.11 ug/ml



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

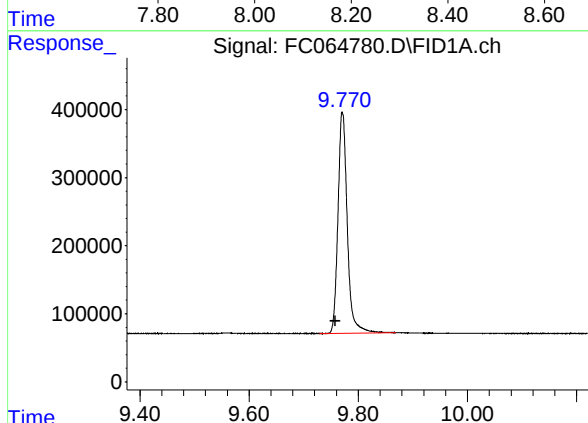
R.T.: 7.015 min
Delta R.T.: 0.022 min
Response: 3893023
Conc: 21.83 ug/ml

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20 PPM ALIPHATIC HC STD



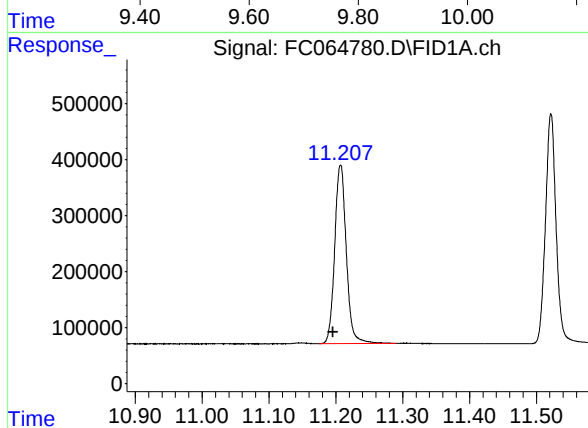
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.017 min
Response: 3897303
Conc: 21.96 ug/ml



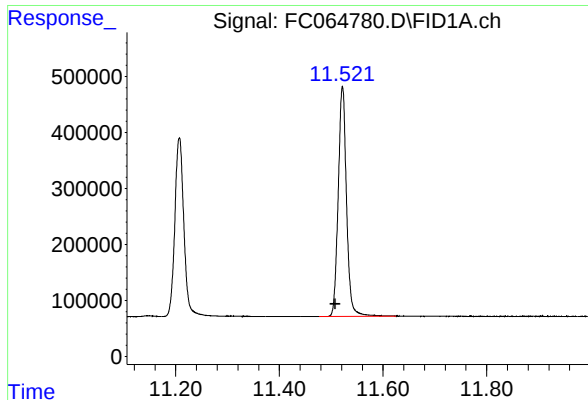
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: 0.013 min
Response: 3848498
Conc: 21.41 ug/ml



#8 n-Octadecane (C18)

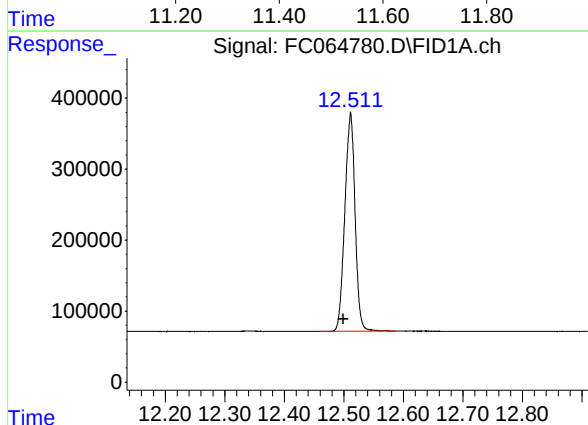
R.T.: 11.207 min
Delta R.T.: 0.012 min
Response: 3851283
Conc: 21.27 ug/ml



#9 ortho-Terphenyl (SURR)

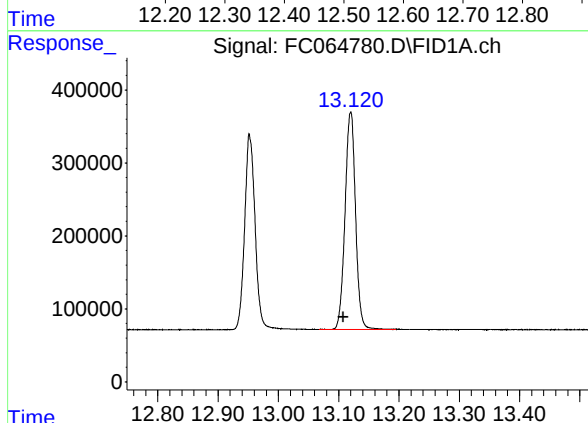
R.T.: 11.522 min
Delta R.T.: 0.013 min
Response: 4562861
Conc: 22.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



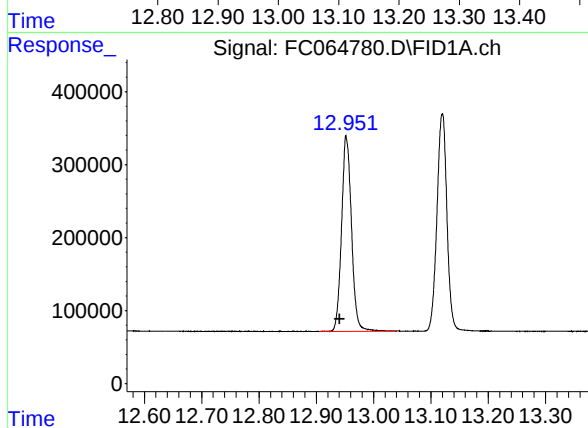
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: 0.012 min
Response: 3682081
Conc: 21.62 ug/ml



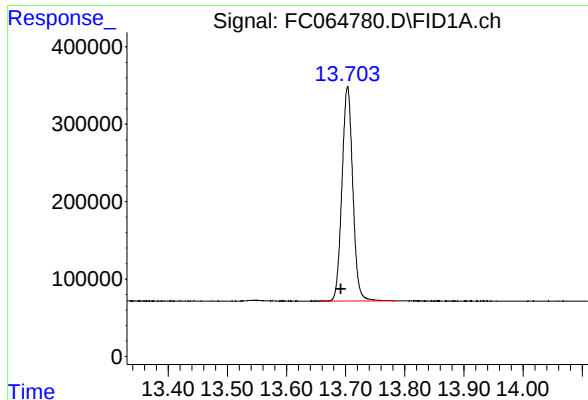
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: 0.012 min
Response: 3600164
Conc: 21.74 ug/ml



#12 1-chlorooctadecane (SURR)

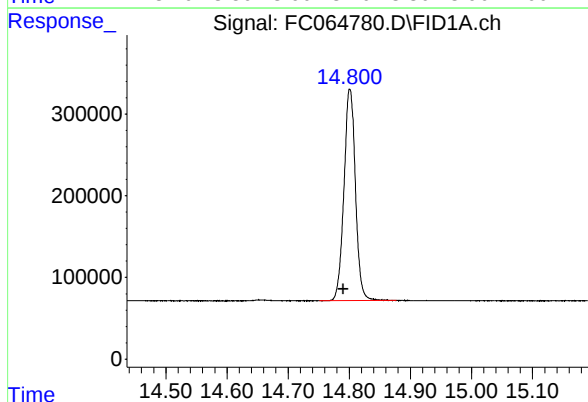
R.T.: 12.952 min
Delta R.T.: 0.012 min
Response: 3221816
Conc: 22.12 ug/ml



#13 n-Docosane (C22)

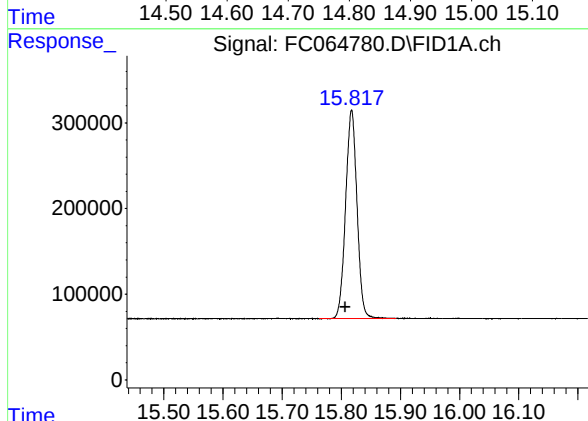
R.T.: 13.703 min
Delta R.T.: 0.012 min
Response: 3520810
Conc: 21.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



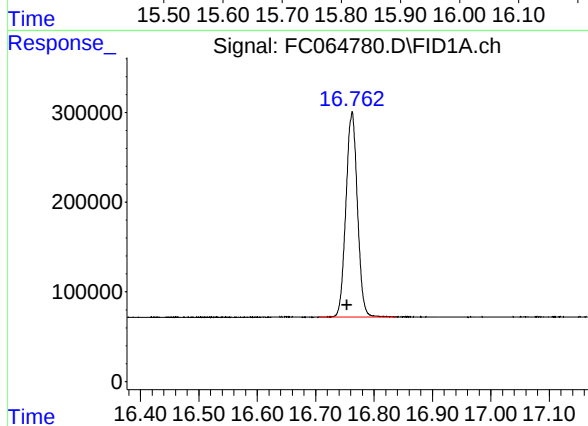
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.011 min
Response: 3389692
Conc: 21.35 ug/ml



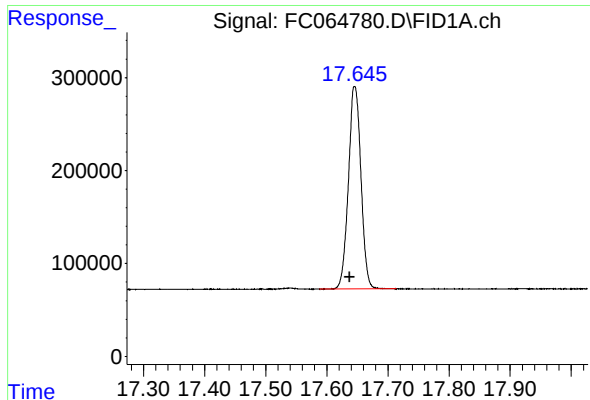
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.011 min
Response: 3256725
Conc: 21.33 ug/ml



#16 n-Octacosane (C28)

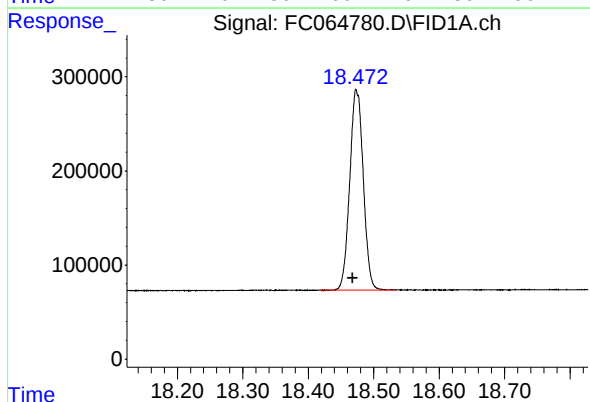
R.T.: 16.763 min
Delta R.T.: 0.009 min
Response: 3129829
Conc: 21.15 ug/ml



#17 n-Tricontane (C30)

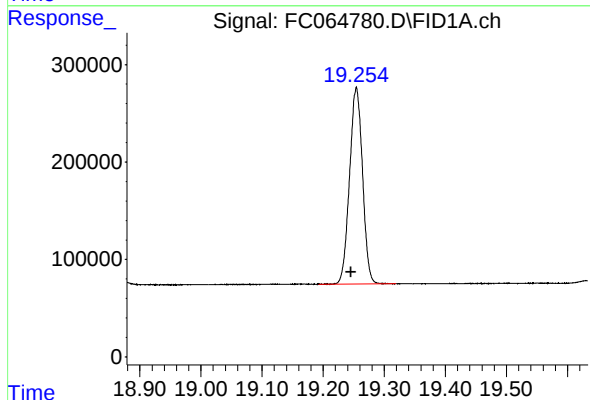
R.T.: 17.646 min
Delta R.T.: 0.008 min
Response: 3107104
Conc: 20.92 ug/ml

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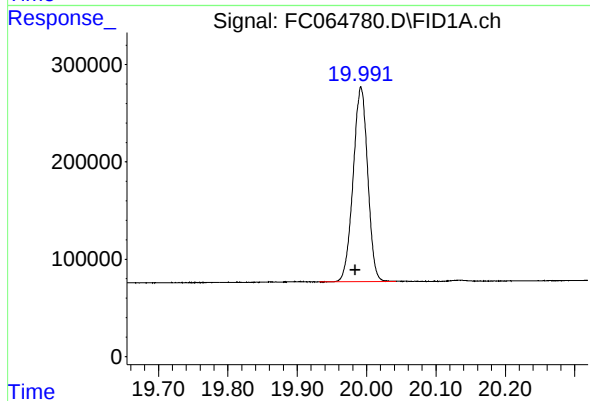
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.005 min
Response: 3064387
Conc: 21.00 ug/ml



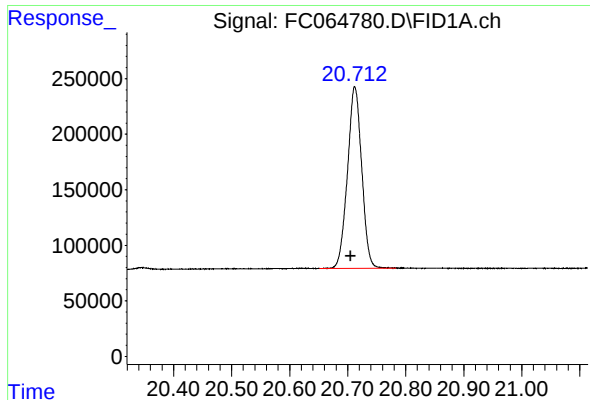
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: 0.009 min
Response: 2976109
Conc: 20.93 ug/ml



#20 n-Hexatriacontane (C36)

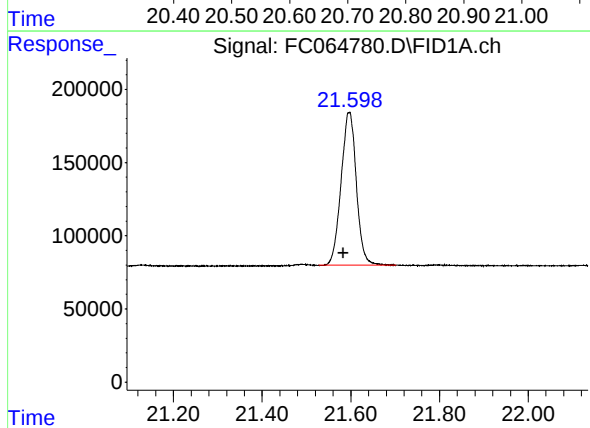
R.T.: 19.992 min
Delta R.T.: 0.008 min
Response: 2915423
Conc: 21.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.712 min
Delta R.T.: 0.007 min
Response: 2785494
Conc: 20.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: 0.013 min
Response: 2501713
Conc: 18.39 ug/ml