

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072423AL\
 Data File : FC064264.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jul 2023 01:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 25 06:23:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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)	11.513	3586727	20.104 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	12.948	2533486	20.089 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	3.305	3344707	20.613 ug/ml
2) T n-Decane (C10)	4.366	3368880	20.602 ug/ml
3) T A~Naphthalene (C11.7)	5.946	3389772	20.886 ug/ml
4) T n-Dodecane (C12)	6.377	3351927	20.532 ug/ml
5) T A~2-methylnaphthalene...	7.000	3177647	20.855 ug/ml
6) T n-Tetradecane (C14)	8.168	3209710	20.443 ug/ml
7) T n-Hexadecane (C16)	9.763	3195091	20.320 ug/ml
8) T n-Octadecane (C18)	11.200	3205370	20.231 ug/ml
10) T n-Eicosane (C20)	12.505	2999639	20.099 ug/ml
11) T n-Heneicosane (C21)	13.115	2933572	20.100 ug/ml
13) T n-Docosane (C22)	13.699	2881834	20.192 ug/ml
14) T n-Tetracosane (C24)	14.797	2844257	20.249 ug/ml
15) T n-Hexacosane (C26)	15.814	2798271	20.378 ug/ml
16) T n-Octacosane (C28)	16.762	2743921	20.462 ug/ml
17) T n-Tricontane (C30)	17.645	2802180	20.188 ug/ml
18) T n-Dotriacontane (C32)	18.475	2800069	19.898 ug/ml
19) T n-Tetratriacontane (C34)	19.255	2770809	19.957 ug/ml
20) T n-Hexatriacontane (C36)	19.992	2717471	20.028 ug/ml
21) T n-Octatriacontane (C38)	20.713	2747559	20.257 ug/ml
22) T n-Tetracontane (C40)	21.597	2734954	20.361 ug/ml

(f)=RT Delta > 1/2 Window

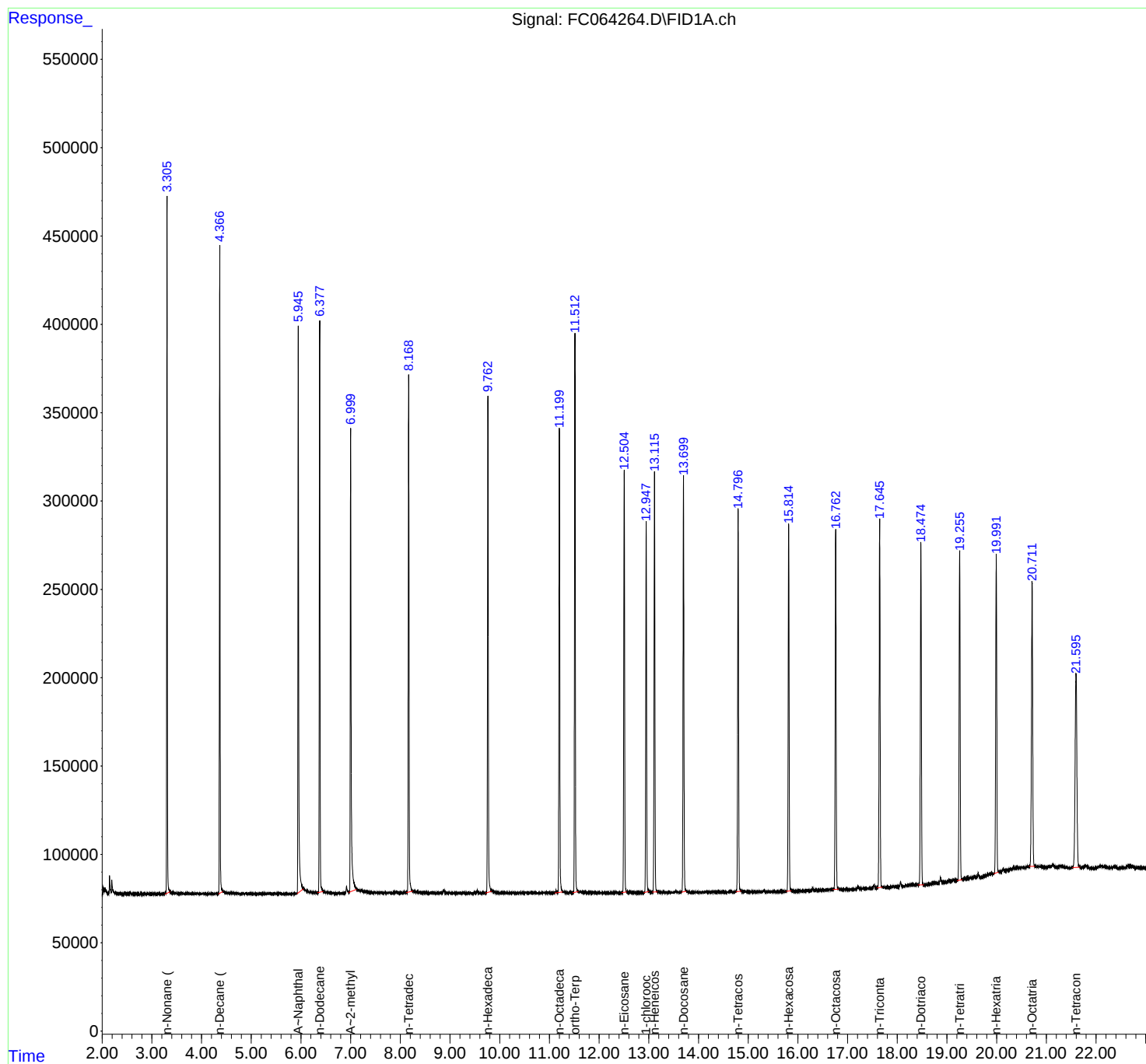
(m)=manual int.

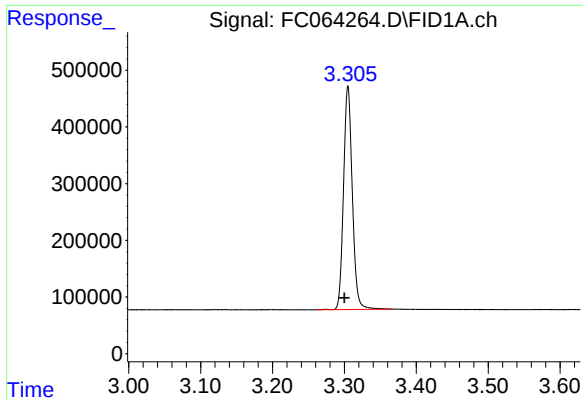
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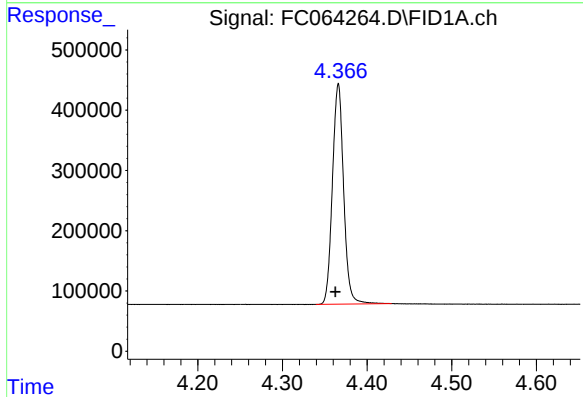




#1 n-Nonane (C9)

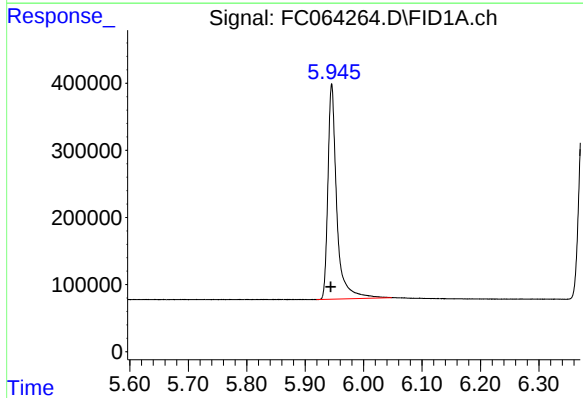
R.T.: 3.305 min
Delta R.T.: 0.005 min
Response: 3344707
Conc: 20.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



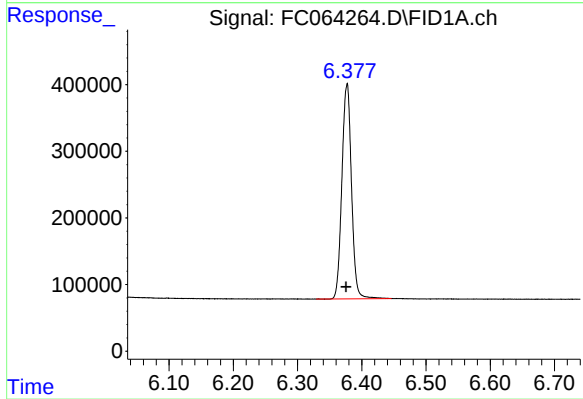
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.004 min
Response: 3368880
Conc: 20.60 ug/ml



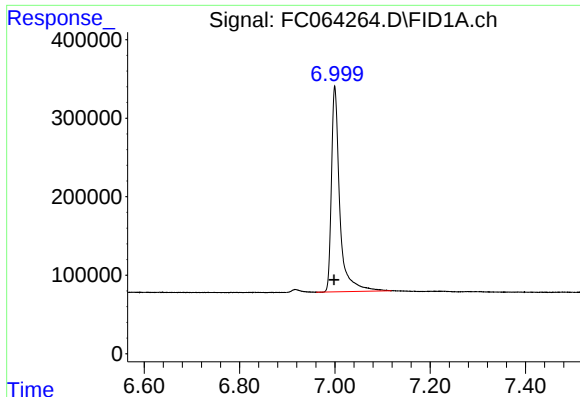
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.002 min
Response: 3389772
Conc: 20.89 ug/ml



#4 n-Dodecane (C12)

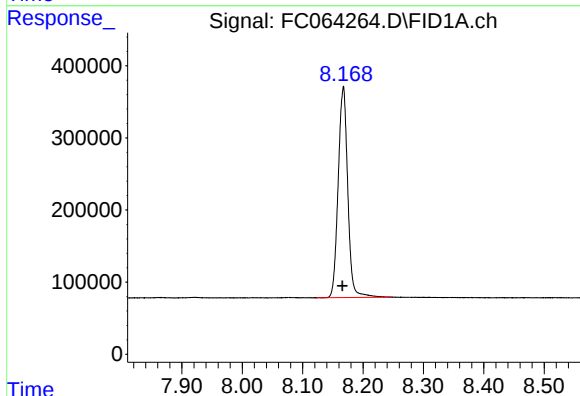
R.T.: 6.377 min
Delta R.T.: 0.001 min
Response: 3351927
Conc: 20.53 ug/ml



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

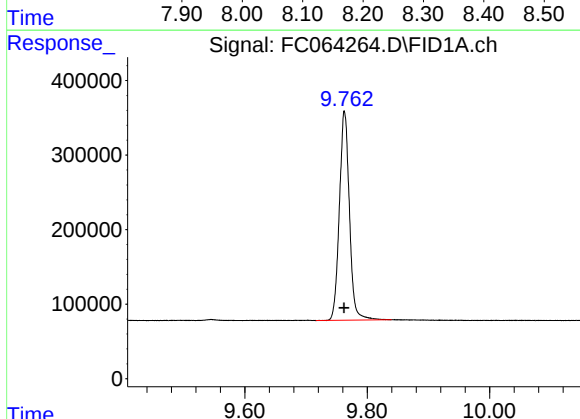
R.T.: 7.000 min
Delta R.T.: 0.001 min
Response: 3177647
Conc: 20.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



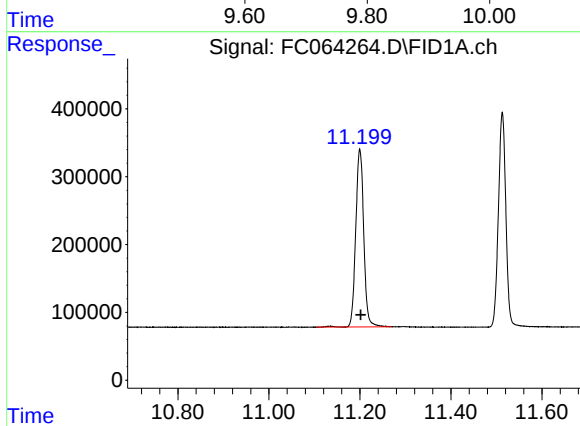
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: 0.001 min
Response: 3209710
Conc: 20.44 ug/ml



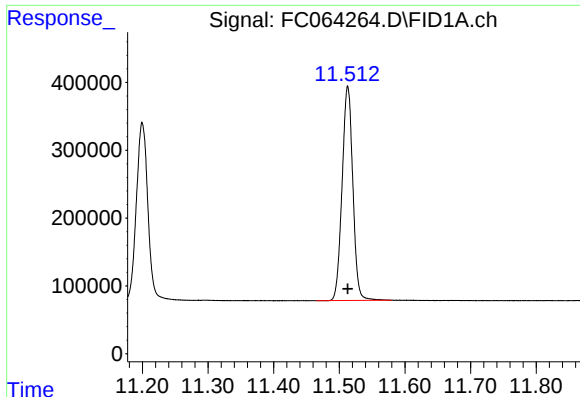
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.001 min
Response: 3195091
Conc: 20.32 ug/ml



#8 n-Octadecane (C18)

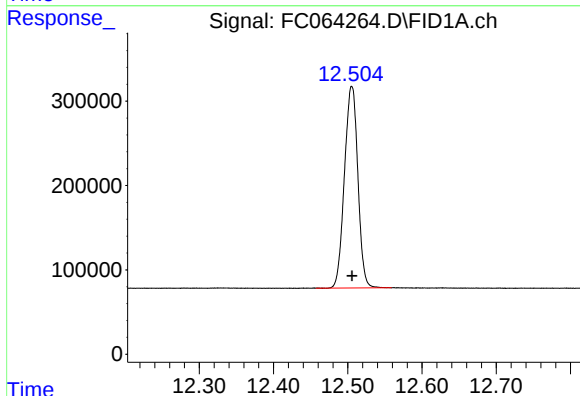
R.T.: 11.200 min
Delta R.T.: -0.002 min
Response: 3205370
Conc: 20.23 ug/ml



#9 ortho-Terphenyl (SURR)

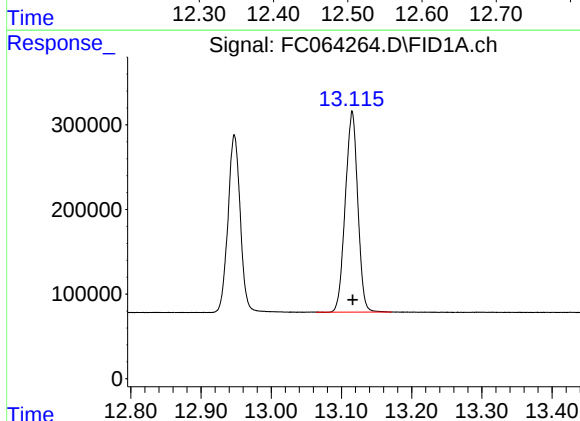
R.T.: 11.513 min
Delta R.T.: 0.000 min
Response: 3586727
Conc: 20.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



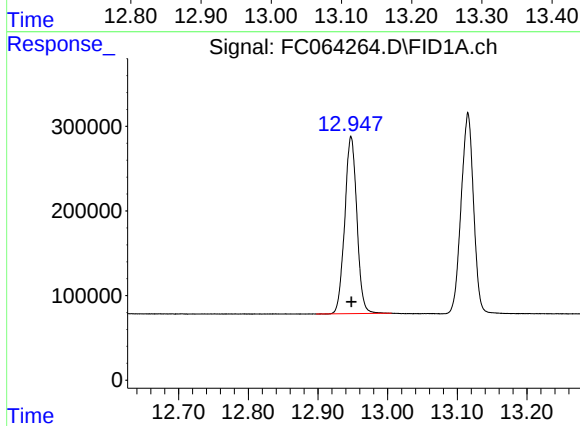
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 2999639
Conc: 20.10 ug/ml



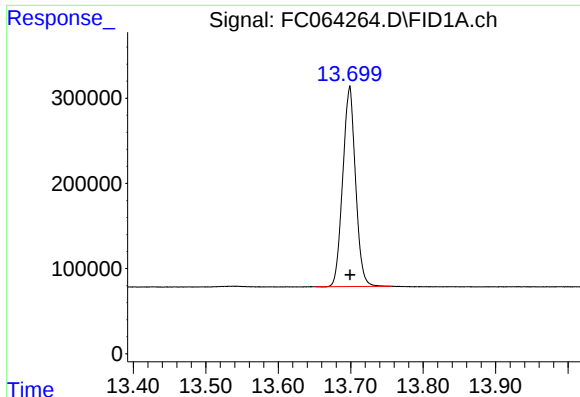
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 2933572
Conc: 20.10 ug/ml



#12 1-chlorooctadecane (SURR)

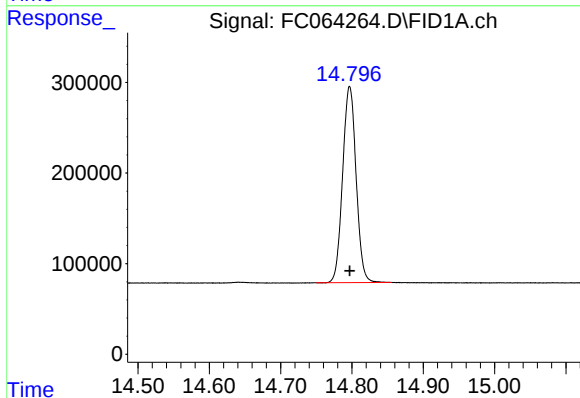
R.T.: 12.948 min
Delta R.T.: 0.000 min
Response: 2533486
Conc: 20.09 ug/ml



#13 n-Docosane (C22)

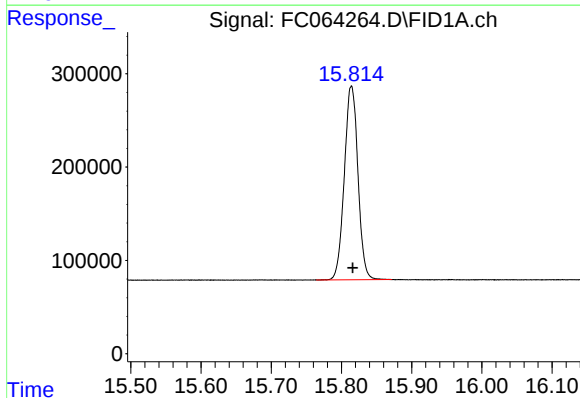
R.T.: 13.699 min
Delta R.T.: 0.000 min
Response: 2881834
Conc: 20.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



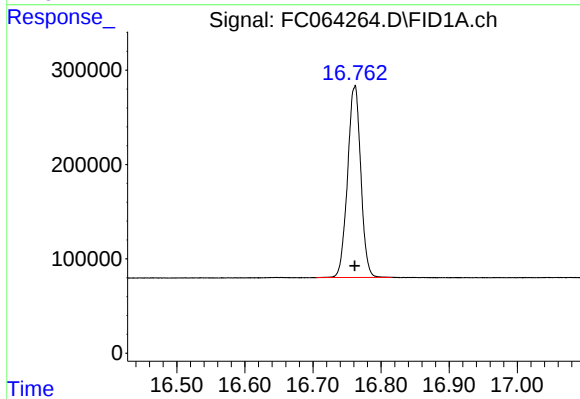
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.000 min
Response: 2844257
Conc: 20.25 ug/ml



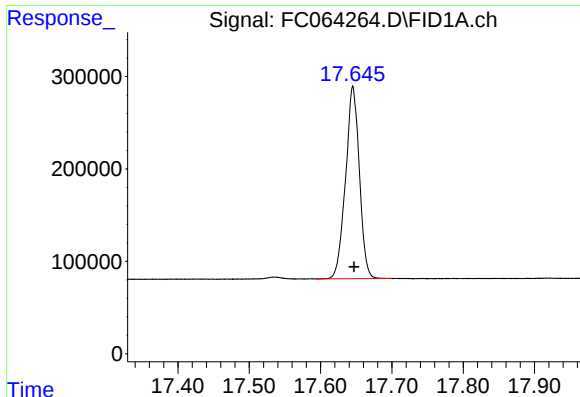
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: -0.002 min
Response: 2798271
Conc: 20.38 ug/ml



#16 n-Octacosane (C28)

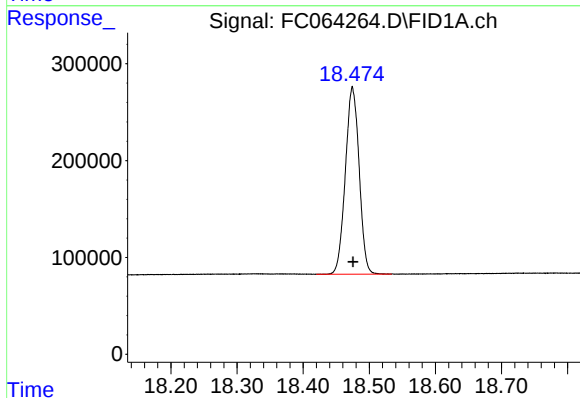
R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 2743921
Conc: 20.46 ug/ml



#17 n-Tricontane (C30)

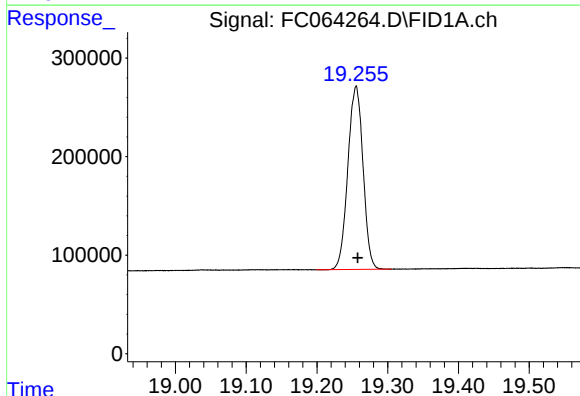
R.T.: 17.645 min
Delta R.T.: -0.002 min
Response: 2802180
Conc: 20.19 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



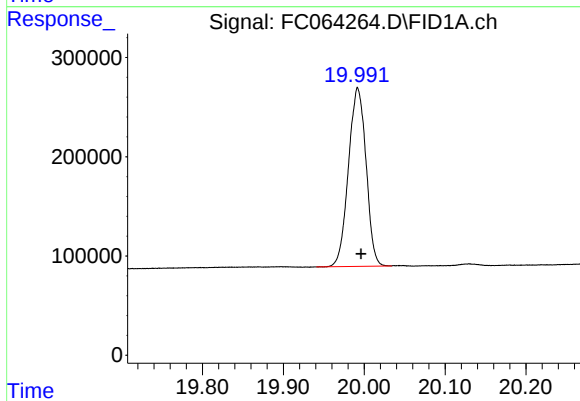
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.000 min
Response: 2800069
Conc: 19.90 ug/ml



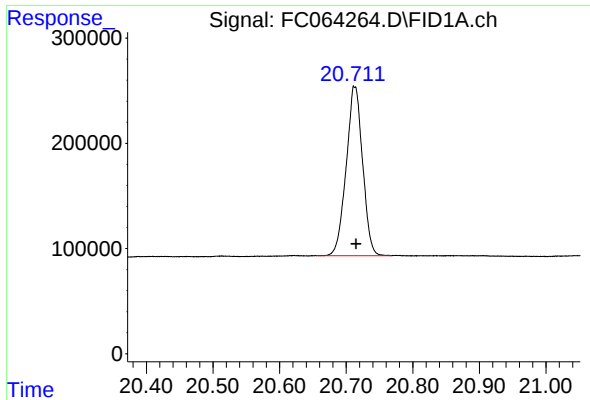
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: -0.002 min
Response: 2770809
Conc: 19.96 ug/ml



#20 n-Hexatriacontane (C36)

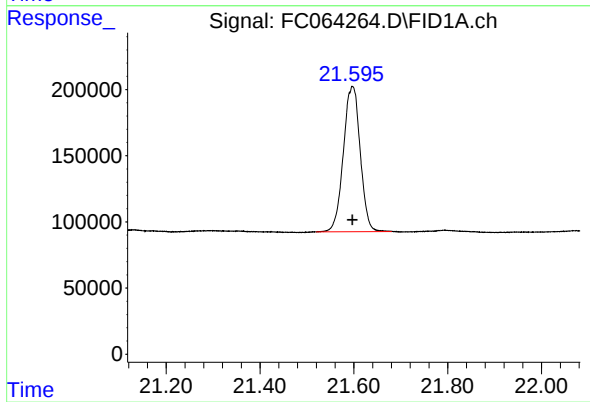
R.T.: 19.992 min
Delta R.T.: -0.004 min
Response: 2717471
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: -0.002 min
Response: 2747559
Conc: 20.26 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: 0.000 min
Response: 2734954
Conc: 20.36 ug/ml