

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072223AL\
 Data File : FC064235.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jul 2023 00:01
 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 24 05:17:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.515	3951857	20.353 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
12) S 1-chlorooctadecane (S...	12.950	2829877	20.340 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
Target Compounds			
1) T n-Nonane (C9)	3.304	3479346	19.508 ug/ml
2) T n-Decane (C10)	4.365	3566905	19.712 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3643610	19.534 ug/ml
4) T n-Dodecane (C12)	6.376	3559081	19.756 ug/ml
5) T A~2-methylnaphthalene...	6.999	3417428	19.418 ug/ml
6) T n-Tetradecane (C14)	8.168	3460107	20.002 ug/ml
7) T n-Hexadecane (C16)	9.764	3495097	20.120 ug/ml
8) T n-Octadecane (C18)	11.202	3537638	20.526 ug/ml
10) T n-Eicosane (C20)	12.506	3326781	20.379 ug/ml
11) T n-Heneicosane (C21)	13.117	3244568	20.250 ug/ml
13) T n-Docosane (C22)	13.701	3224713	20.522 ug/ml
14) T n-Tetracosane (C24)	14.800	3175195	20.144 ug/ml
15) T n-Hexacosane (C26)	15.817	3141201	20.791 ug/ml
16) T n-Octacosane (C28)	16.765	3162847	20.990 ug/ml
17) T n-Tricontane (C30)	17.649	3399731	21.775 ug/ml
18) T n-Dotriacontane (C32)	18.479	3467679	21.950 ug/ml
19) T n-Tetratriacontane (C34)	19.259	3319844	21.574 ug/ml
20) T n-Hexatriacontane (C36)	19.994	3146958	21.315 ug/ml
21) T n-Octatriacontane (C38)	20.717	3062117	20.672 ug/ml
22) T n-Tetracontane (C40)	21.601	2973327	20.399 ug/ml

(f)=RT Delta > 1/2 Window

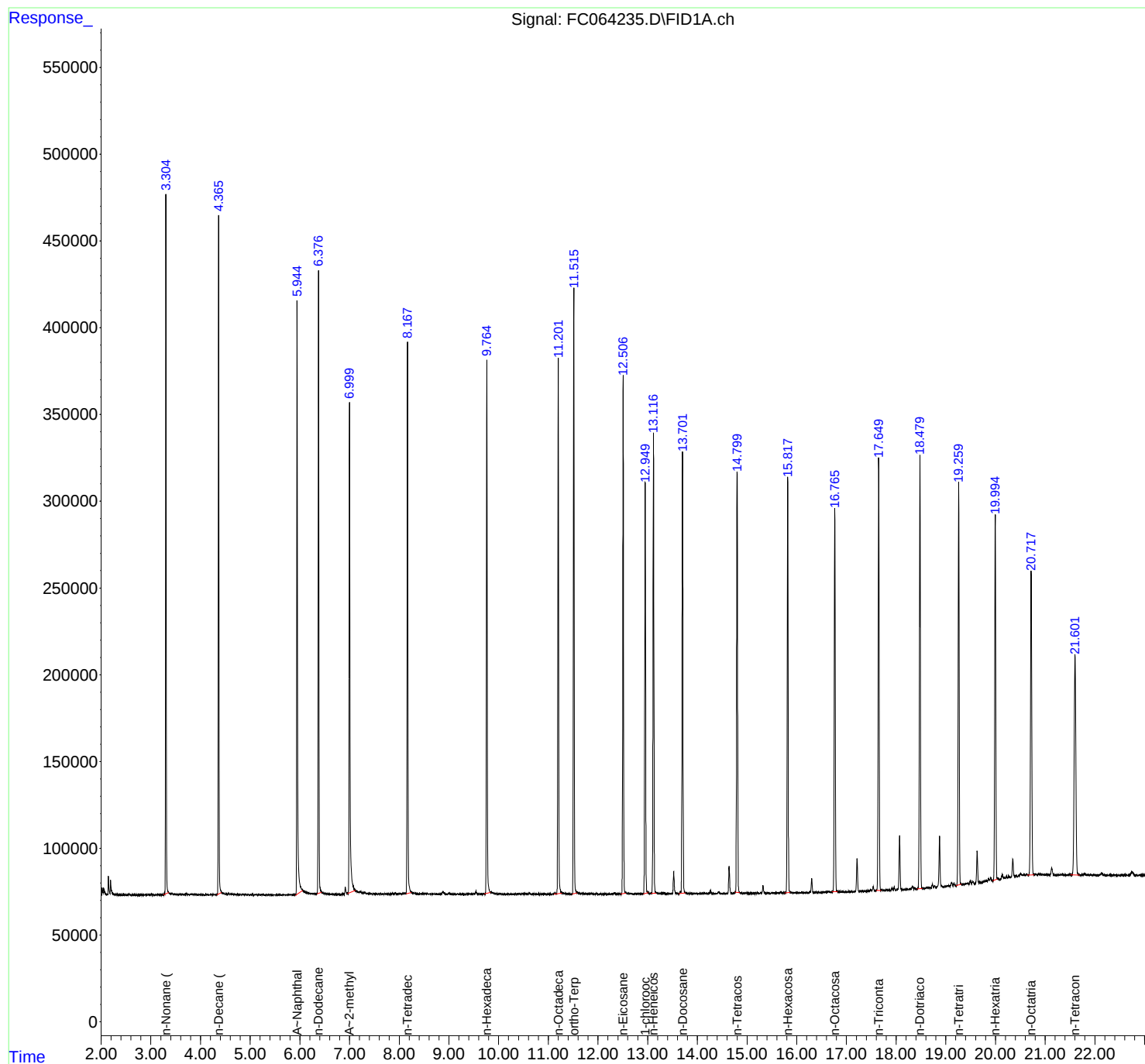
(m)=manual int.

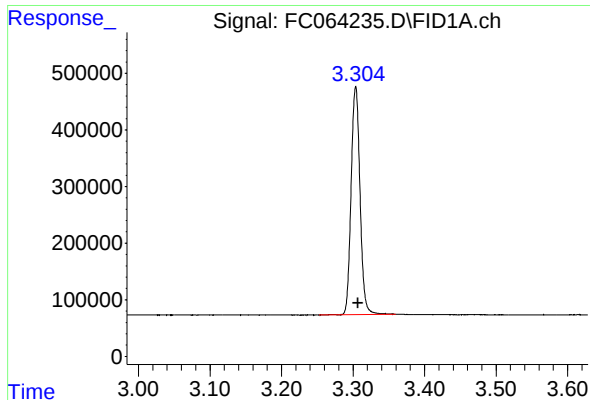
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072223AL\
Data File : FC064235.D
Signal(s) : FID1A.ch
Acq On : 23 Jul 2023 00:01
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 24 05:17:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
Quant Title : GC Extractables
QLast Update : Sun Jun 25 04:03:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

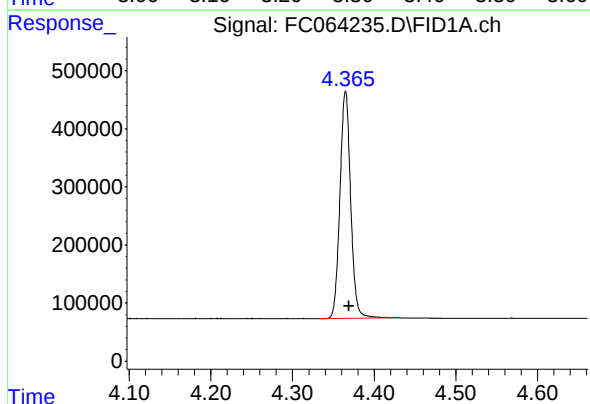




#1 n-Nonane (C9)

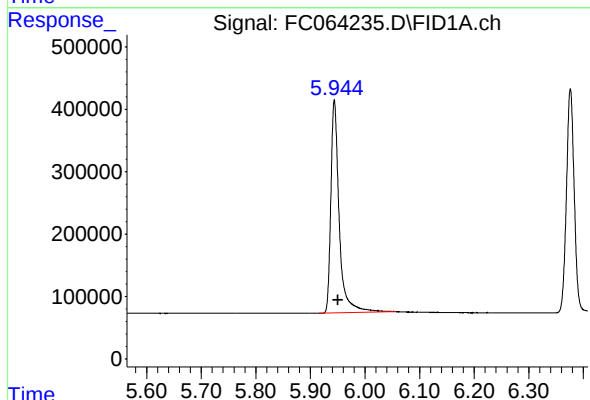
R.T.: 3.304 min
Delta R.T.: -0.003 min
Response: 3479346
Conc: 19.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



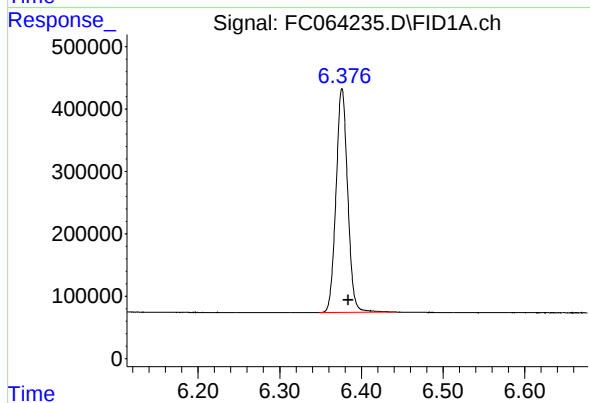
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3566905
Conc: 19.71 ug/ml



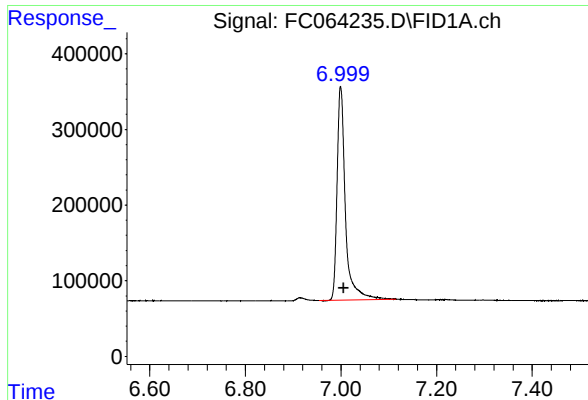
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 3643610
Conc: 19.53 ug/ml



#4 n-Dodecane (C12)

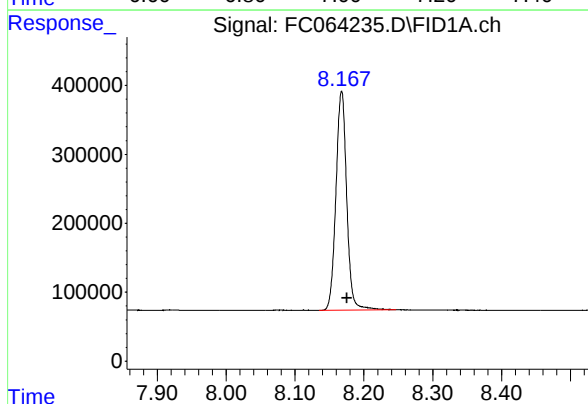
R.T.: 6.376 min
Delta R.T.: -0.007 min
Response: 3559081
Conc: 19.76 ug/ml



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

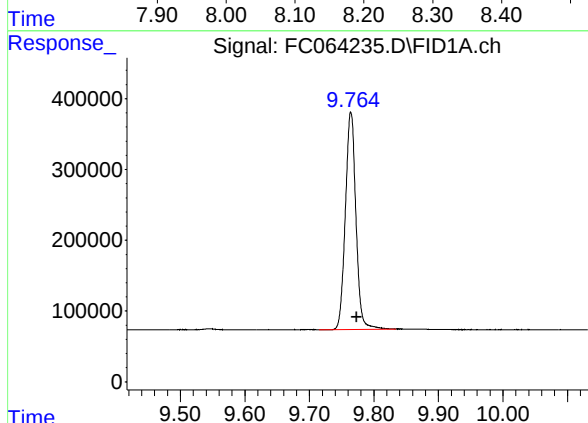
R.T.: 6.999 min
Delta R.T.: -0.007 min
Response: 3417428
Conc: 19.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



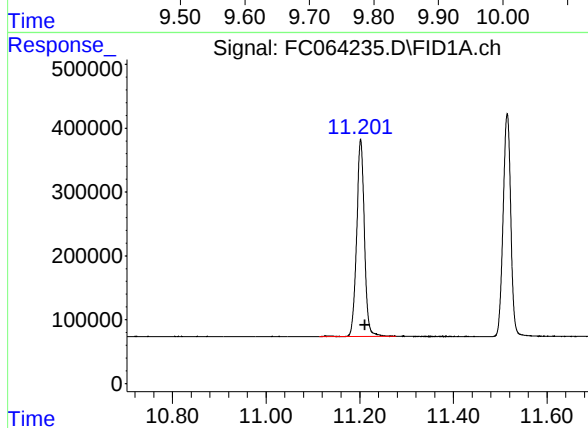
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.008 min
Response: 3460107
Conc: 20.00 ug/ml



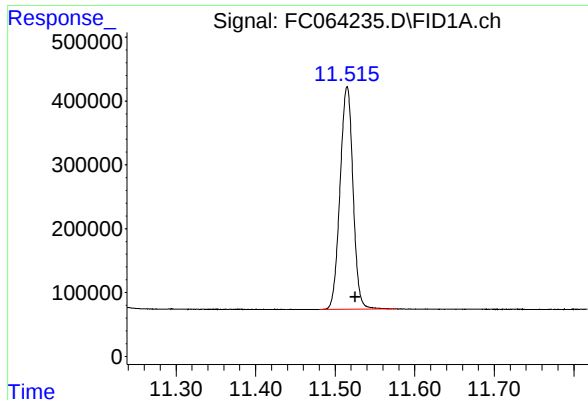
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.009 min
Response: 3495097
Conc: 20.12 ug/ml



#8 n-Octadecane (C18)

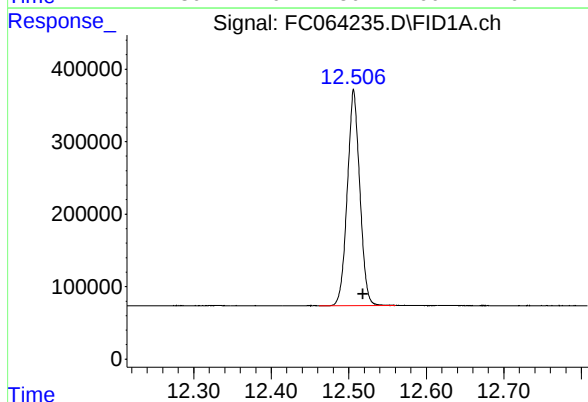
R.T.: 11.202 min
Delta R.T.: -0.009 min
Response: 3537638
Conc: 20.53 ug/ml



#9 ortho-Terphenyl (SURR)

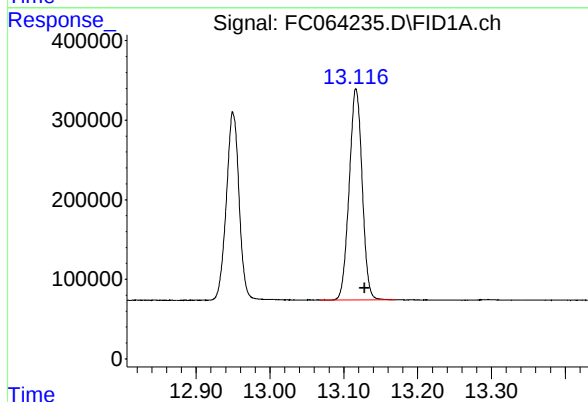
R.T.: 11.515 min
Delta R.T.: -0.010 min
Response: 3951857
Conc: 20.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



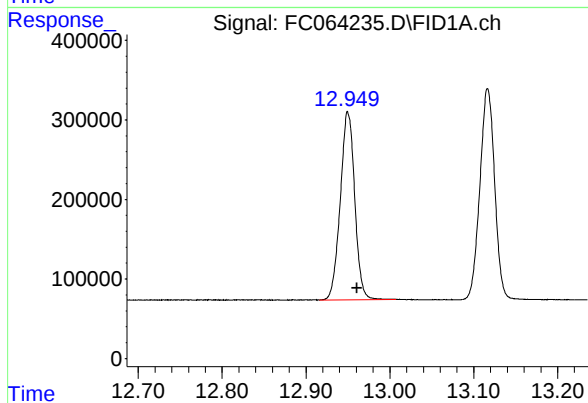
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: -0.012 min
Response: 3326781
Conc: 20.38 ug/ml



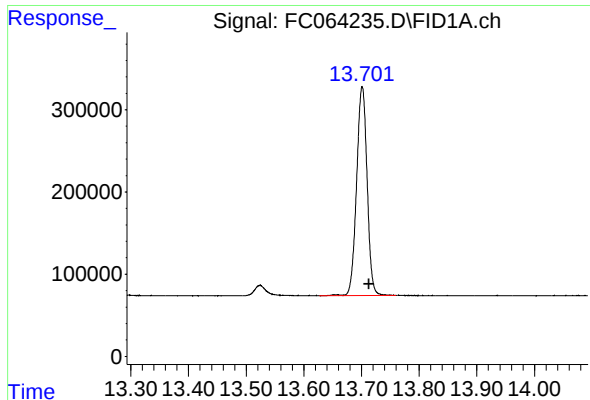
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: -0.011 min
Response: 3244568
Conc: 20.25 ug/ml



#12 1-chlorooctadecane (SURR)

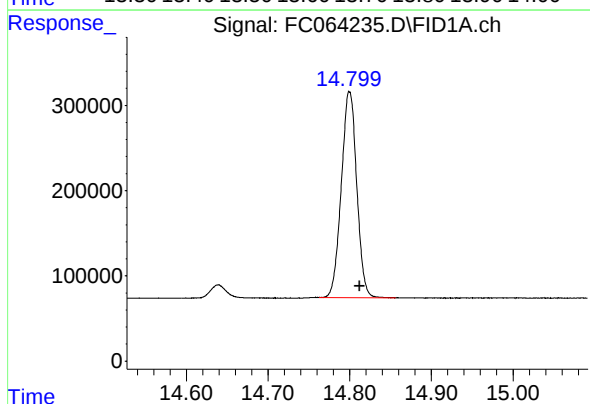
R.T.: 12.950 min
Delta R.T.: -0.011 min
Response: 2829877
Conc: 20.34 ug/ml



#13 n-Docosane (C22)

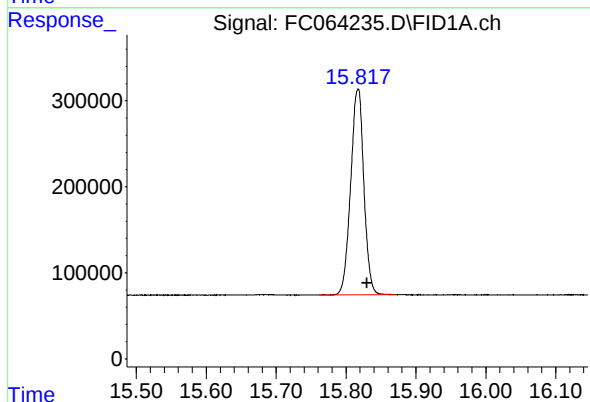
R.T.: 13.701 min
Delta R.T.: -0.011 min
Response: 3224713
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



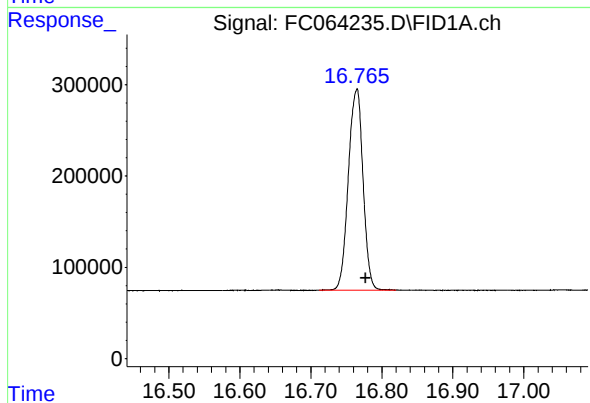
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: -0.013 min
Response: 3175195
Conc: 20.14 ug/ml



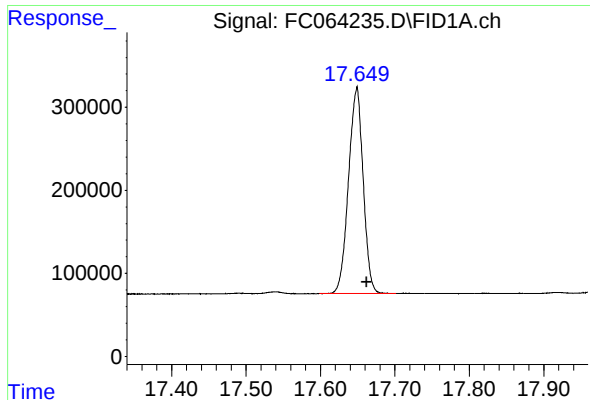
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: -0.013 min
Response: 3141201
Conc: 20.79 ug/ml



#16 n-Octacosane (C28)

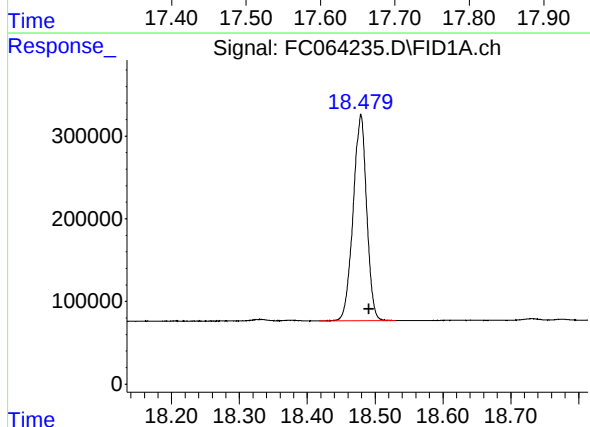
R.T.: 16.765 min
Delta R.T.: -0.012 min
Response: 3162847
Conc: 20.99 ug/ml



#17 n-Tricontane (C30)

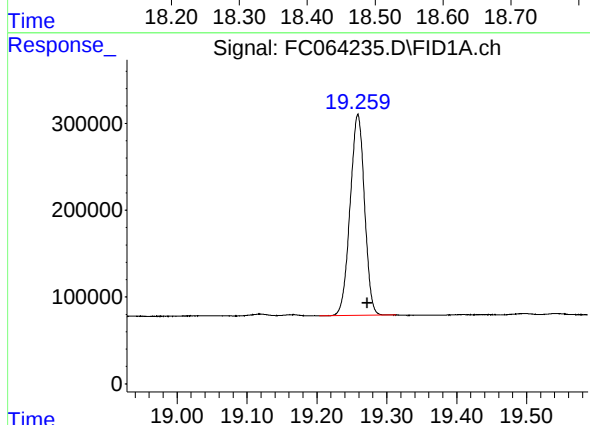
R.T.: 17.649 min
Delta R.T.: -0.013 min
Response: 3399731
Conc: 21.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



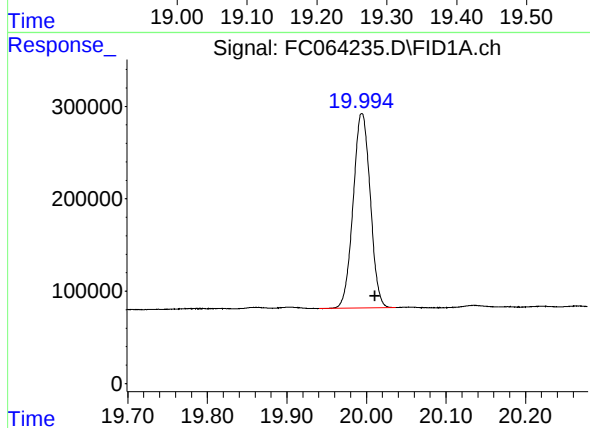
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: -0.012 min
Response: 3467679
Conc: 21.95 ug/ml



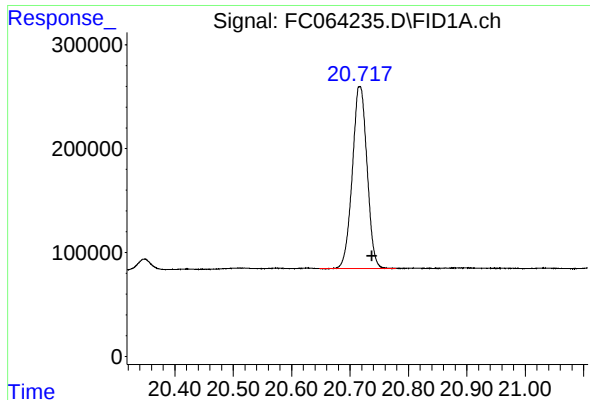
#19 n-Tetatriacontane (C34)

R.T.: 19.259 min
Delta R.T.: -0.014 min
Response: 3319844
Conc: 21.57 ug/ml



#20 n-Hexatriacontane (C36)

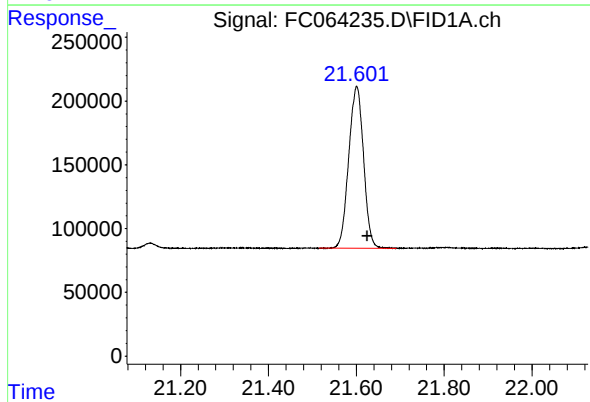
R.T.: 19.994 min
Delta R.T.: -0.016 min
Response: 3146958
Conc: 21.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: -0.021 min
Response: 3062117
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: -0.024 min
Response: 2973327
Conc: 20.40 ug/ml