

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061824AL\
 Data File : FC066635.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jun 2024 21:02
 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: Jun 19 03:41:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 2024
 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)	11.540	3268713	18.950 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
12) S 1-chlorooctadecane (S...	12.978	2609798	18.914 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	3.297	2655423	18.276 ug/ml
2) T n-Decane (C10)	4.364	2807803	18.824 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3077873	18.957 ug/ml
4) T n-Dodecane (C12)	6.385	2855364	18.840 ug/ml
5) T A~2-methylnaphthalene...	7.006	3005090	18.916 ug/ml
6) T n-Tetradecane (C14)	8.181	2870566	18.924 ug/ml
7) T n-Hexadecane (C16)	9.782	3052029	19.053 ug/ml
8) T n-Octadecane (C18)	11.224	3148797	18.977 ug/ml
10) T n-Eicosane (C20)	12.533	3097375	19.053 ug/ml
11) T n-Heneicosane (C21)	13.146	3059988	18.992 ug/ml
13) T n-Docosane (C22)	13.732	3082991	19.230 ug/ml
14) T n-Tetracosane (C24)	14.834	3112990	19.614 ug/ml
15) T n-Hexacosane (C26)	15.855	3021430	19.787 ug/ml
16) T n-Octacosane (C28)	16.806	2990330	20.731 ug/ml
17) T n-Tricontane (C30)	17.694	3083635	22.071 ug/ml
18) T n-Dotriacontane (C32)	18.526	2971564	22.516 ug/ml
19) T n-Tetratriacontane (C34)	19.309	2710590	21.917 ug/ml
20) T n-Hexatriacontane (C36)	20.049	2438017	20.229 ug/ml
21) T n-Octatriacontane (C38)	20.781	2315262	20.247 ug/ml
22) T n-Tetracontane (C40)	21.684	2237373	19.921 ug/ml

(f)=RT Delta > 1/2 Window

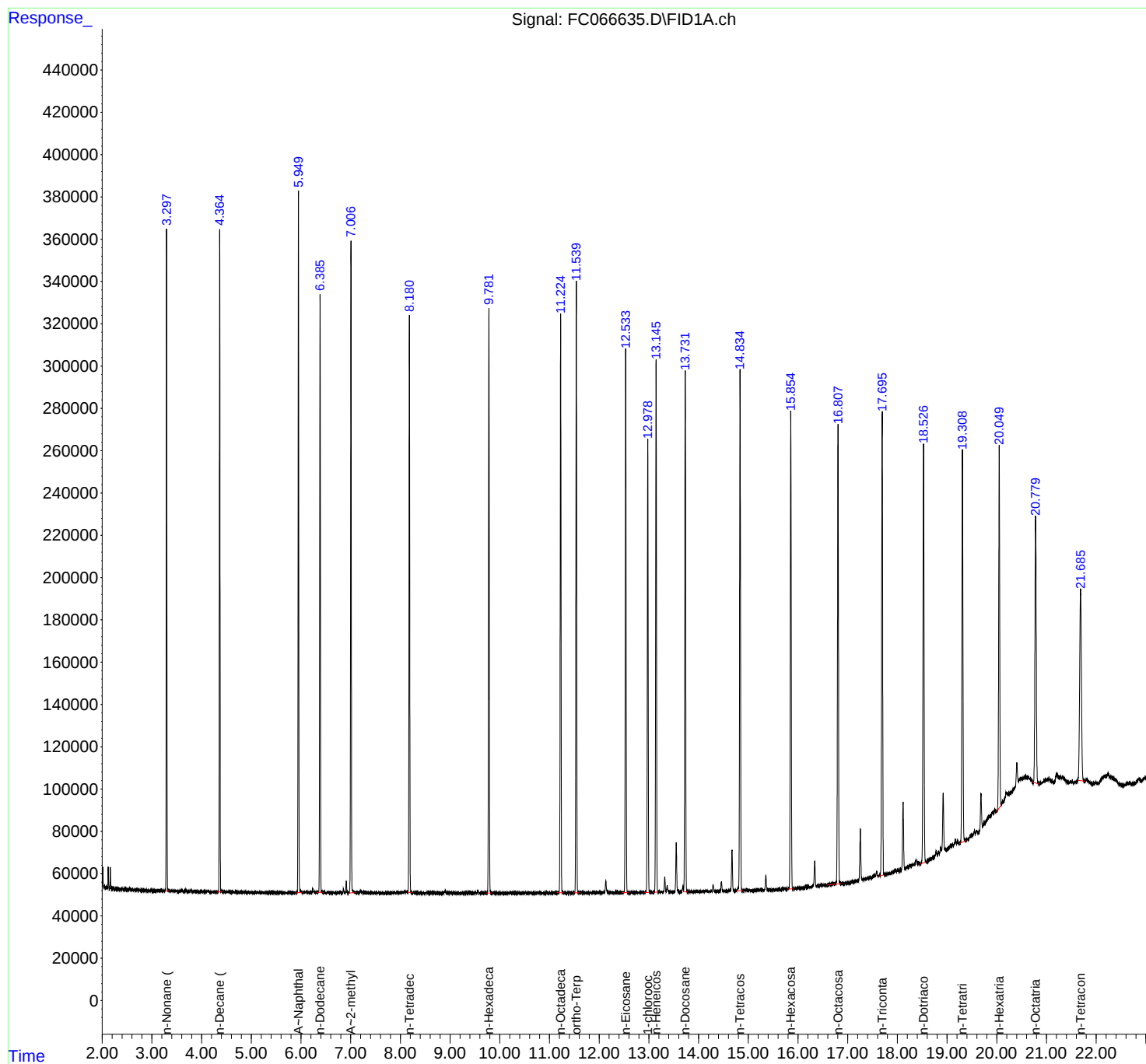
(m)=manual int.

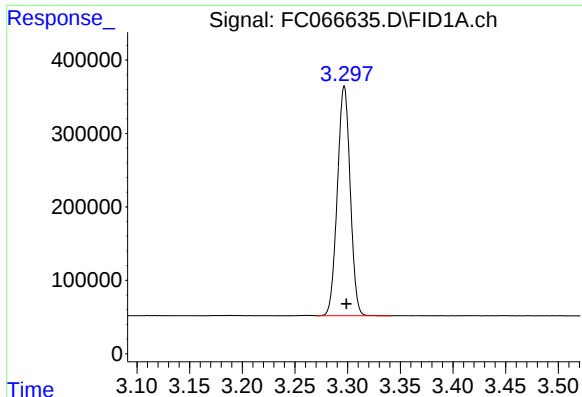
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061824AL\
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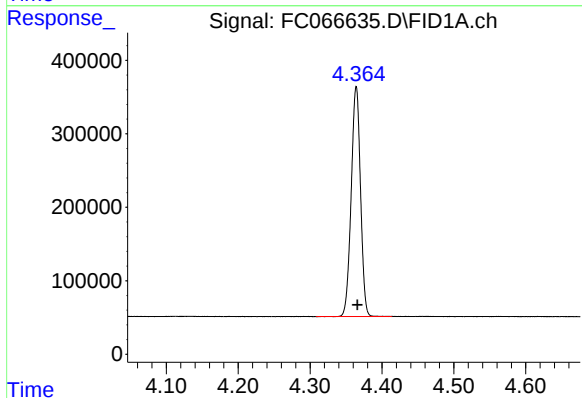




#1 n-Nonane (C9)

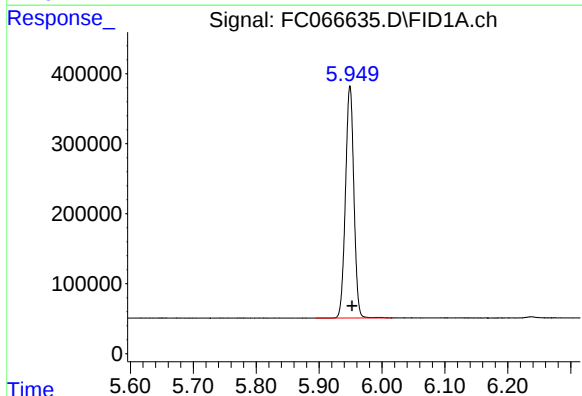
R.T.: 3.297 min
Delta R.T.: -0.002 min
Response: 2655423
Conc: 18.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



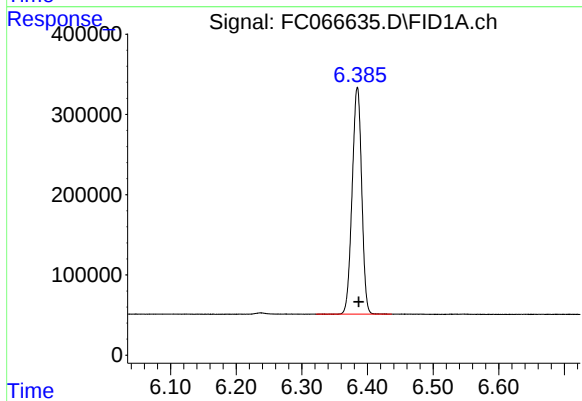
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 2807803
Conc: 18.82 ug/ml



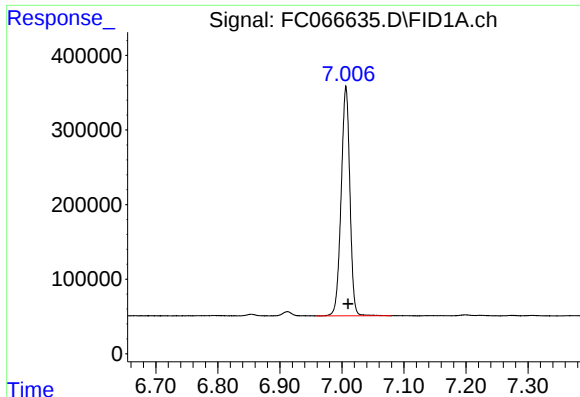
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 3077873
Conc: 18.96 ug/ml



#4 n-Dodecane (C12)

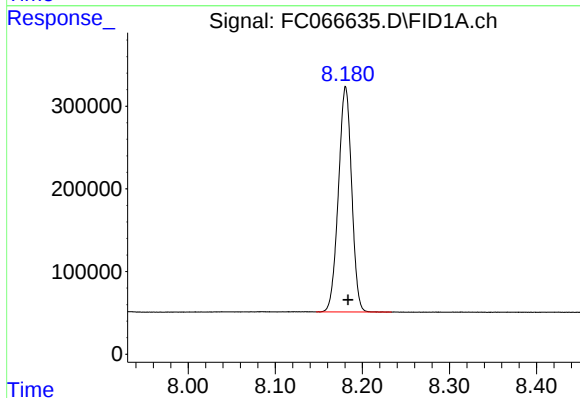
R.T.: 6.385 min
Delta R.T.: -0.002 min
Response: 2855364
Conc: 18.84 ug/ml



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

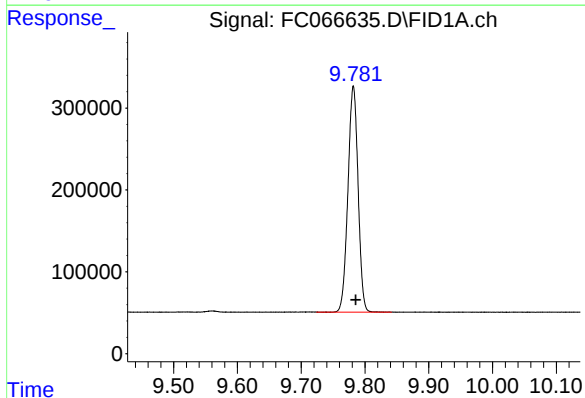
R.T.: 7.006 min
Delta R.T.: -0.004 min
Response: 3005090
Conc: 18.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



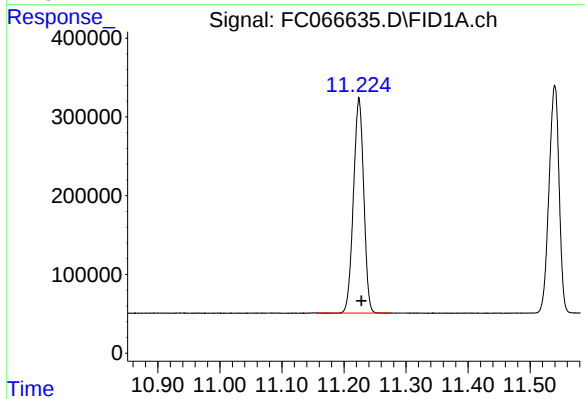
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: -0.003 min
Response: 2870566
Conc: 18.92 ug/ml



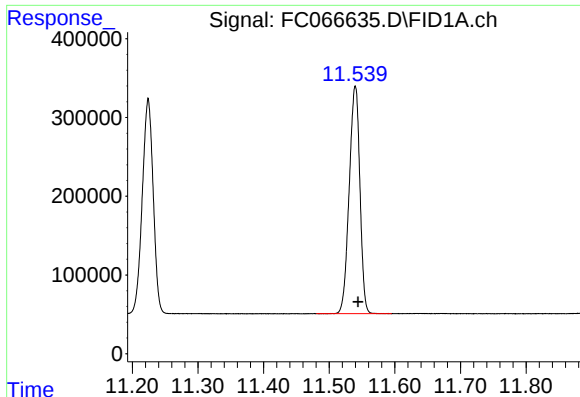
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.004 min
Response: 3052029
Conc: 19.05 ug/ml



#8 n-Octadecane (C18)

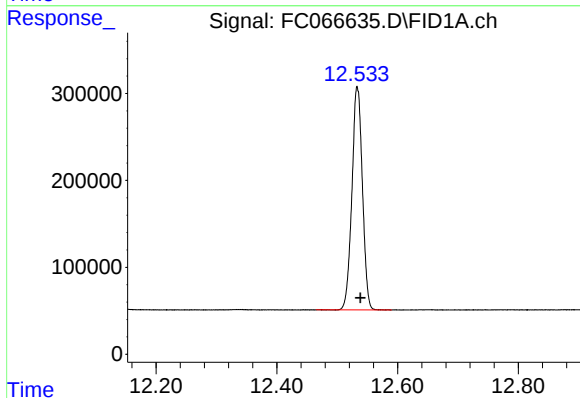
R.T.: 11.224 min
Delta R.T.: -0.004 min
Response: 3148797
Conc: 18.98 ug/ml



#9 ortho-Terphenyl (SURR)

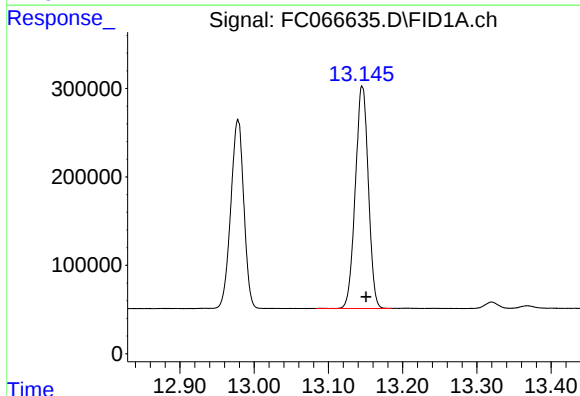
R.T.: 11.540 min
Delta R.T.: -0.005 min
Response: 3268713
Conc: 18.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



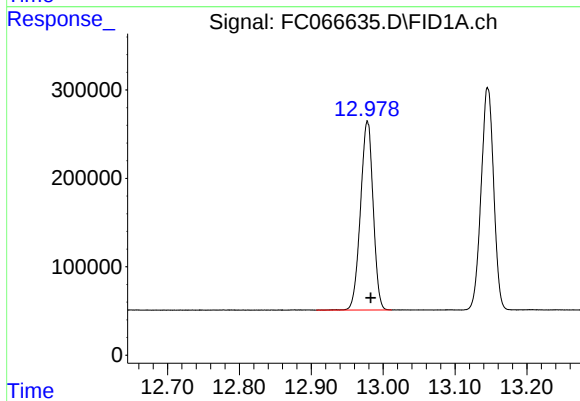
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.005 min
Response: 3097375
Conc: 19.05 ug/ml



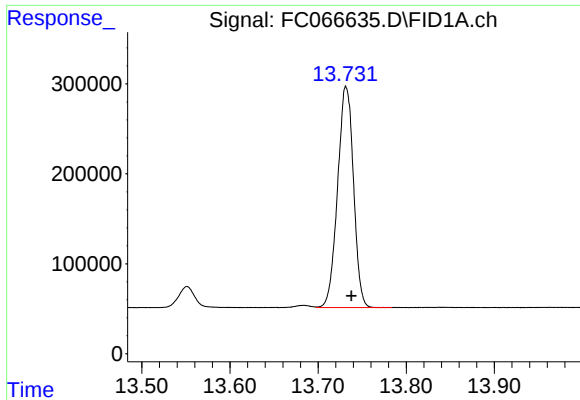
#11 n-Heneicosane (C21)

R.T.: 13.146 min
Delta R.T.: -0.005 min
Response: 3059988
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

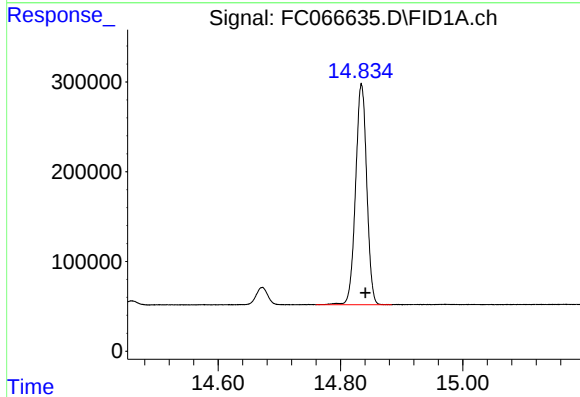
R.T.: 12.978 min
Delta R.T.: -0.005 min
Response: 2609798
Conc: 18.91 ug/ml



#13 n-Docosane (C22)

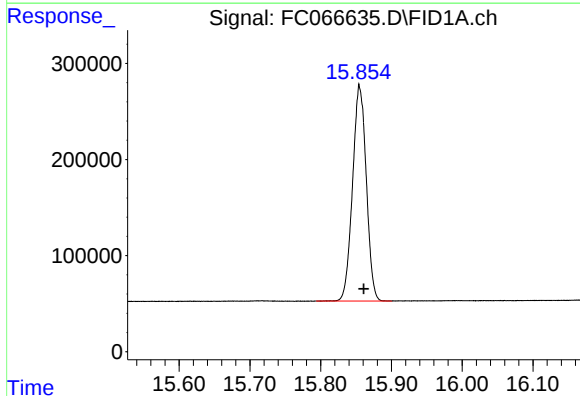
R.T.: 13.732 min
Delta R.T.: -0.006 min
Response: 3082991
Conc: 19.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



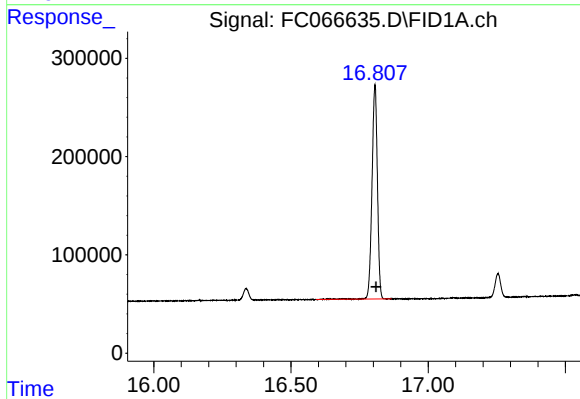
#14 n-Tetracosane (C24)

R.T.: 14.834 min
Delta R.T.: -0.006 min
Response: 3112990
Conc: 19.61 ug/ml



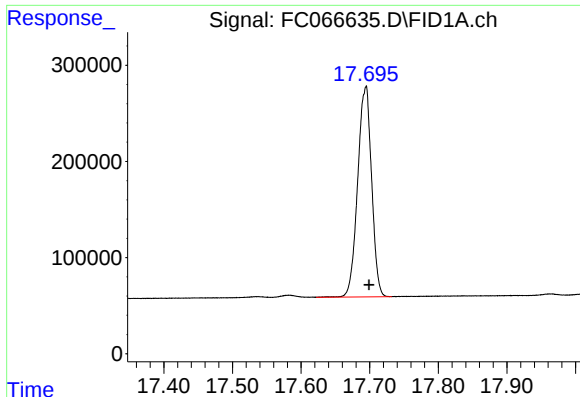
#15 n-Hexacosane (C26)

R.T.: 15.855 min
Delta R.T.: -0.005 min
Response: 3021430
Conc: 19.79 ug/ml



#16 n-Octacosane (C28)

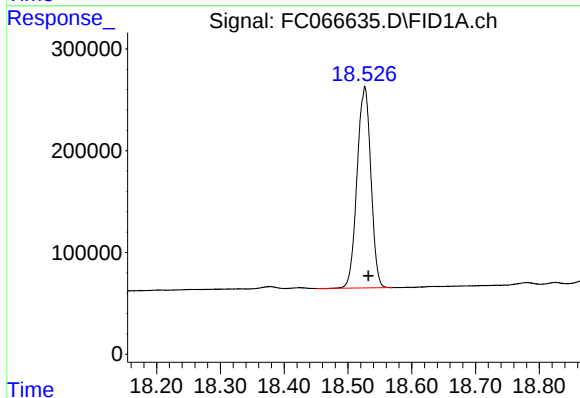
R.T.: 16.806 min
Delta R.T.: -0.005 min
Response: 2990330
Conc: 20.73 ug/ml



#17 n-Tricontane (C30)

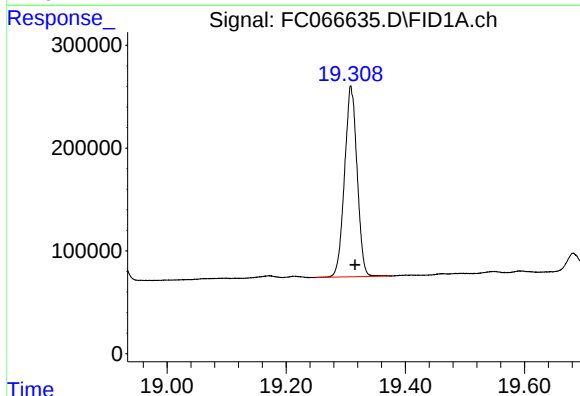
R.T.: 17.694 min
Delta R.T.: -0.005 min
Response: 3083635
Conc: 22.07 ug/ml

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20 PPM ALIPHATIC HC STD



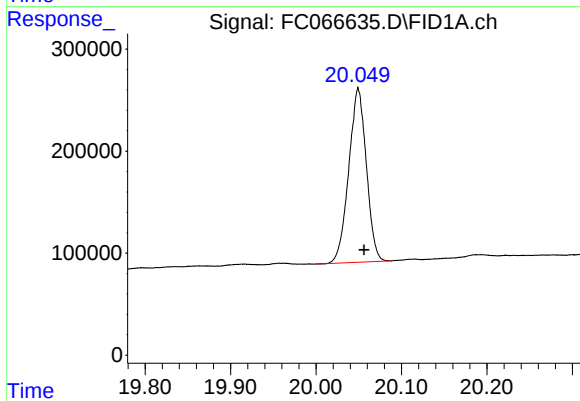
#18 n-Dotriacontane (C32)

R.T.: 18.526 min
Delta R.T.: -0.006 min
Response: 2971564
Conc: 22.52 ug/ml



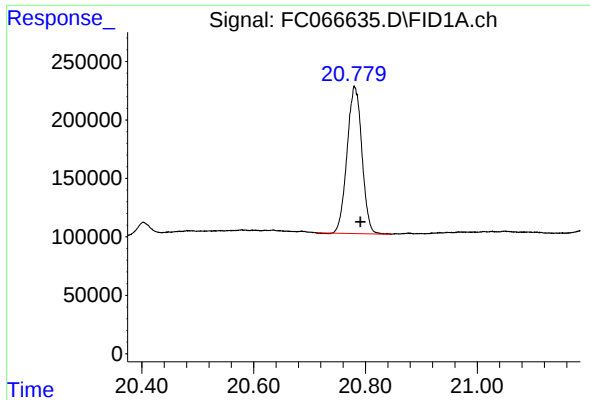
#19 n-Tetratriacontane (C34)

R.T.: 19.309 min
Delta R.T.: -0.007 min
Response: 2710590
Conc: 21.92 ug/ml



#20 n-Hexatriacontane (C36)

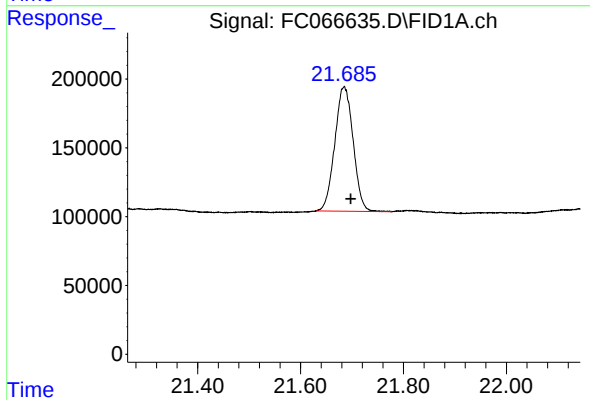
R.T.: 20.049 min
Delta R.T.: -0.007 min
Response: 2438017
Conc: 20.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.781 min
Delta R.T.: -0.010 min
Response: 2315262
Conc: 20.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.684 min
Delta R.T.: -0.013 min
Response: 2237373
Conc: 19.92 ug/ml