

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101923AL\
 Data File : FC064872.D
 Signal(s) : FID1A.ch
 Acq On : 19 Oct 2023 15:41
 Operator : YP/AJ
 Sample : PB156497BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB156497BSD

Integration File: autoint1.e
 Quant Time: Oct 20 01:05:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.524	9926851	46.492 ug/ml
Spiked Amount 50.000		Recovery =	92.98%
12) S 1-chlorooctadecane (S...	12.954	7771617	51.831 ug/ml
Spiked Amount 50.000		Recovery =	103.66%
Target Compounds			
1) T n-Nonane (C9)	3.331	6514658	35.469 ug/ml
2) T n-Decane (C10)	4.385	7004593	38.292 ug/ml
3) T A~Naphthalene (C11.7)	5.960	7856129	41.421 ug/ml
4) T n-Dodecane (C12)	6.390	7655727	41.073 ug/ml
5) T A~2-methylnaphthalene...	7.013	8042484	45.924 ug/ml
6) T n-Tetradecane (C14)	8.181	8400126	46.772 ug/ml
7) T n-Hexadecane (C16)	9.773	8960020	50.371 ug/ml
8) T n-Octadecane (C18)	11.209	9023551	50.286 ug/ml
10) T n-Eicosane (C20)	12.513	8874989	51.541 ug/ml
11) T n-Heneicosane (C21)	13.122	8443388	49.856 ug/ml
13) T n-Docosane (C22)	13.705	8270837	50.196 ug/ml
14) T n-Tetracosane (C24)	14.795	15598023	98.001 ug/ml
15) T n-Hexacosane (C26)	15.821	7643186	49.895 ug/ml
16) T n-Octacosane (C28)	16.763	7600371	51.575 ug/ml
17) T n-Tricontane (C30)	17.651	7343767	50.192 ug/ml
18) T n-Dotriacontane (C32)	18.477	7164319	49.616 ug/ml
19) T n-Tetratriacontane (C34)	19.257	7066286	50.221 ug/ml
20) T n-Hexatriacontane (C36)	19.993	6800752	49.156 ug/ml
21) T n-Octatriacontane (C38)	20.713	6811390	51.420 ug/ml
22) T n-Tetracontane (C40)	21.599	6783551	54.204 ug/ml

(f)=RT Delta > 1/2 Window

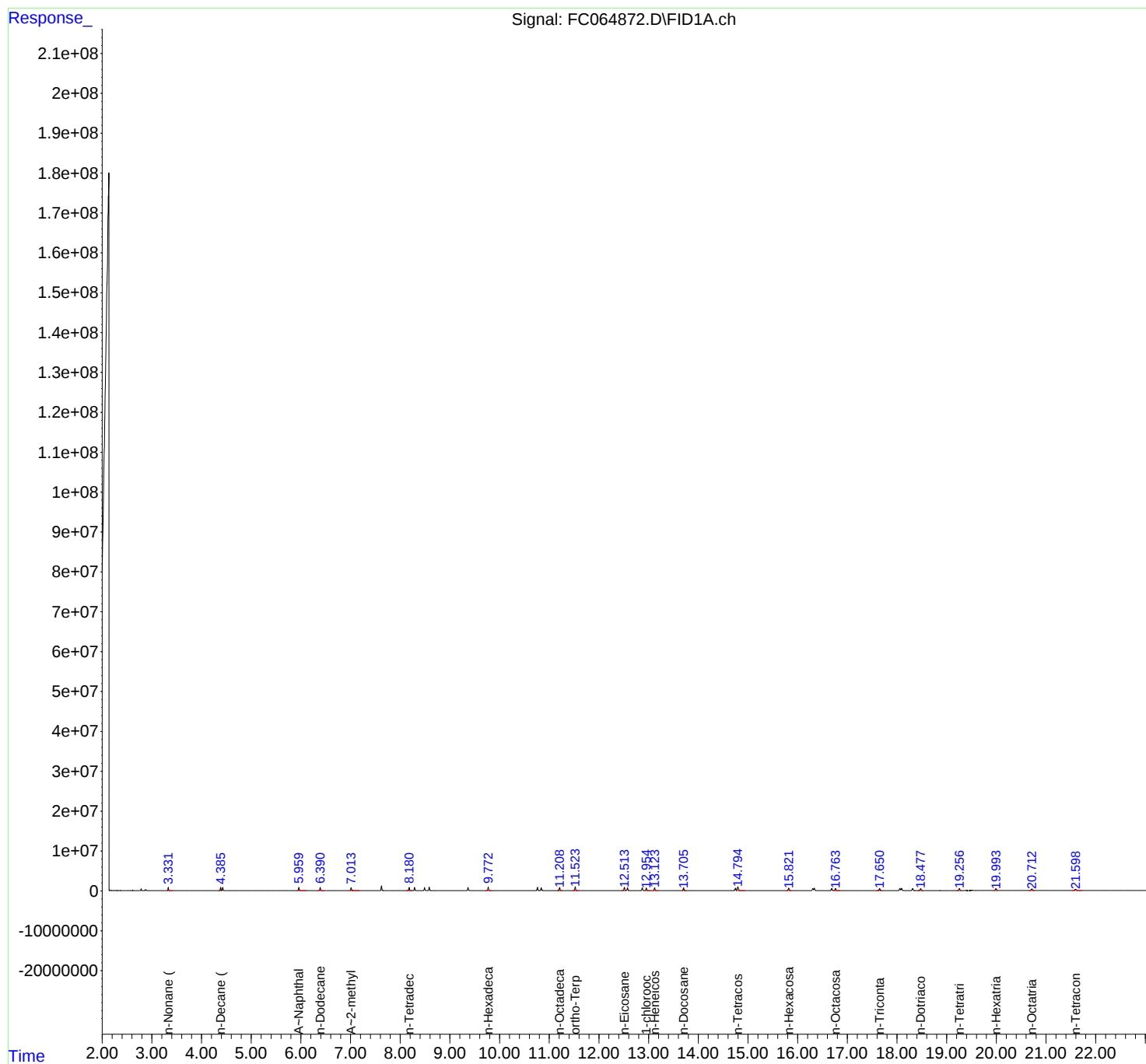
(m)=manual int.

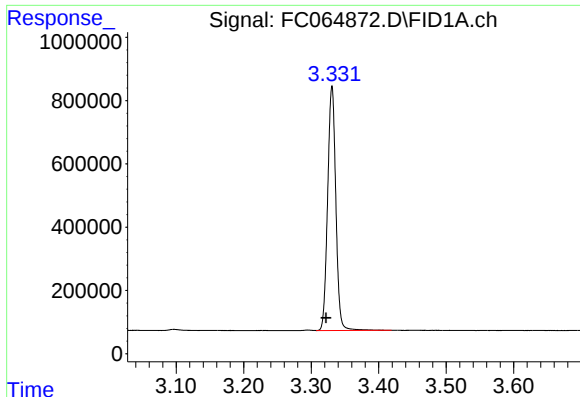
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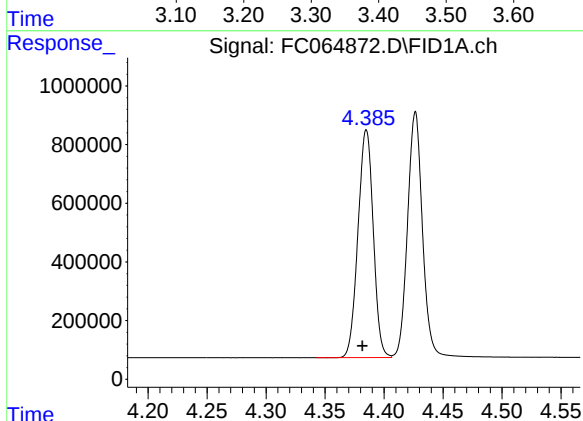




#1 n-Nonane (C9)

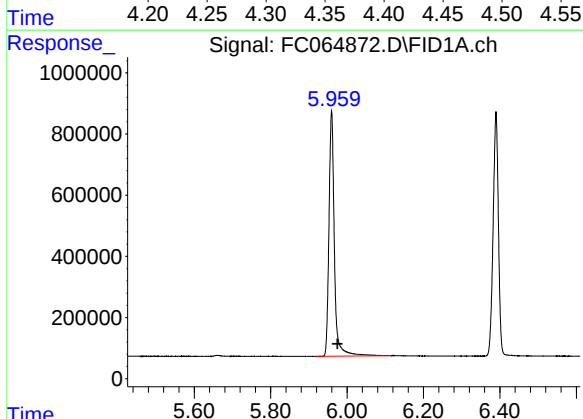
R.T.: 3.331 min
Delta R.T.: 0.009 min
Response: 6514658
Conc: 35.47 ug/ml

Instrument :
FID_C
ClientSampleId :
PB156497BSD



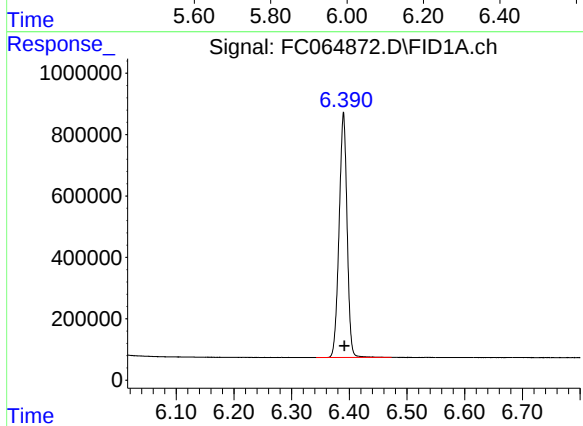
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: 0.003 min
Response: 7004593
Conc: 38.29 ug/ml



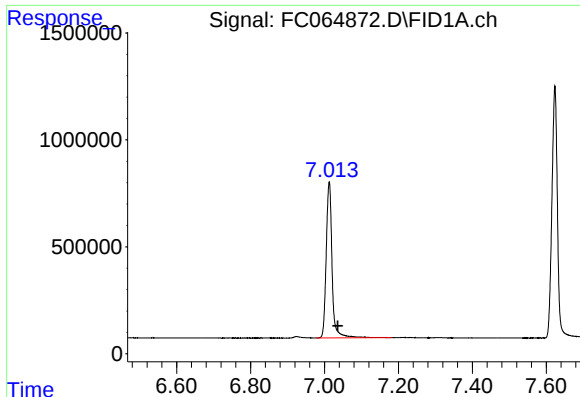
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.016 min
Response: 7856129
Conc: 41.42 ug/ml



#4 n-Dodecane (C12)

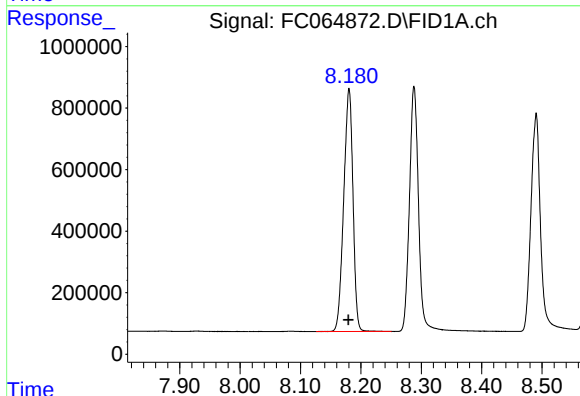
R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 7655727
Conc: 41.07 ug/ml



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

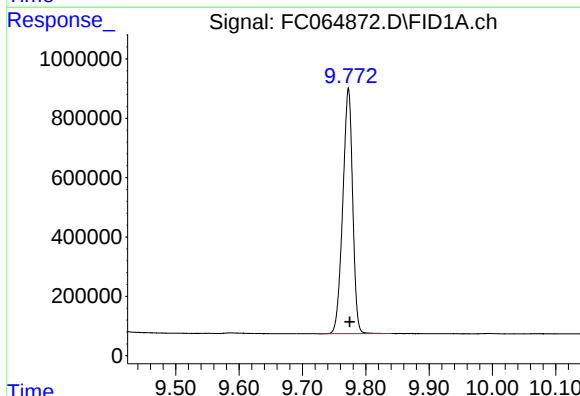
R.T.: 7.013 min
Delta R.T.: -0.023 min
Response: 8042484
Conc: 45.92 ug/ml

Instrument :
FID_C
ClientSampleId :
PB156497BSD



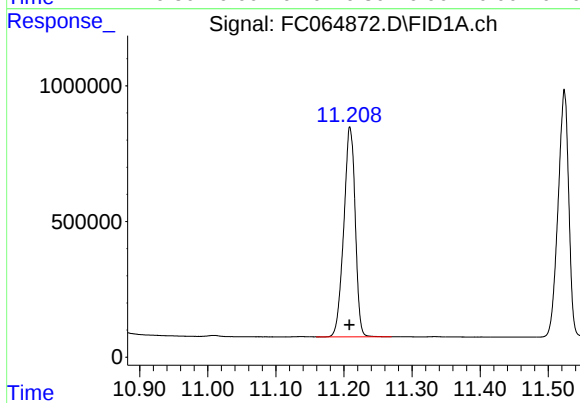
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: 0.001 min
Response: 8400126
Conc: 46.77 ug/ml



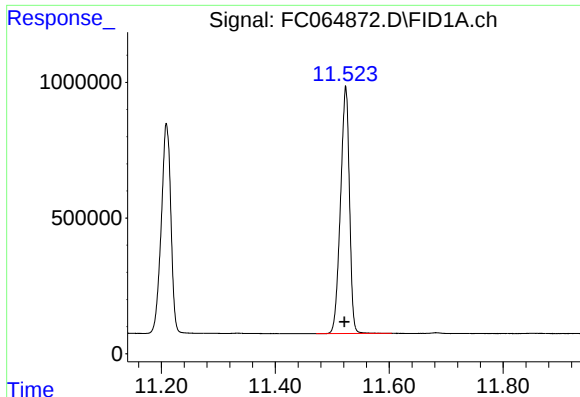
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.002 min
Response: 8960020
Conc: 50.37 ug/ml



#8 n-Octadecane (C18)

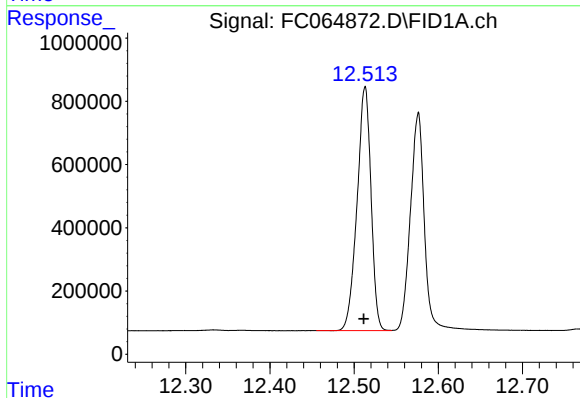
R.T.: 11.209 min
Delta R.T.: 0.000 min
Response: 9023551
Conc: 50.29 ug/ml



#9 ortho-Terphenyl (SURR)

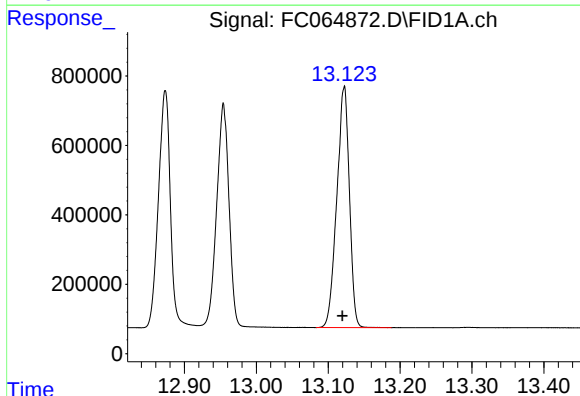
R.T.: 11.524 min
Delta R.T.: 0.002 min
Response: 9926851
Conc: 46.49 ug/ml

Instrument :
FID_C
ClientSampleId :
PB156497BSD



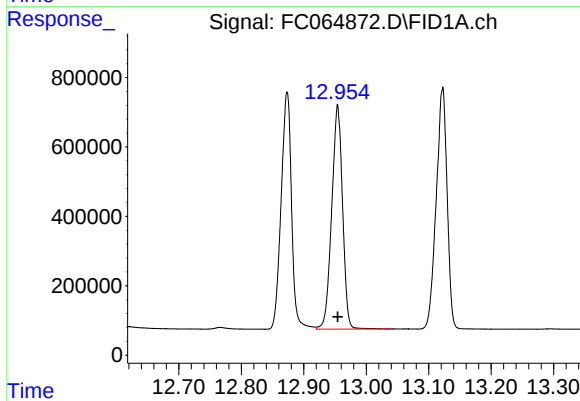
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: 0.002 min
Response: 8874989
Conc: 51.54 ug/ml



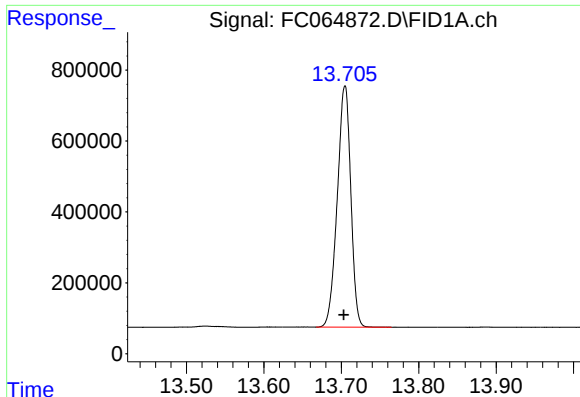
#11 n-Heneicosane (C21)

R.T.: 13.122 min
Delta R.T.: 0.003 min
Response: 8443388
Conc: 49.86 ug/ml



#12 1-chlorooctadecane (SURR)

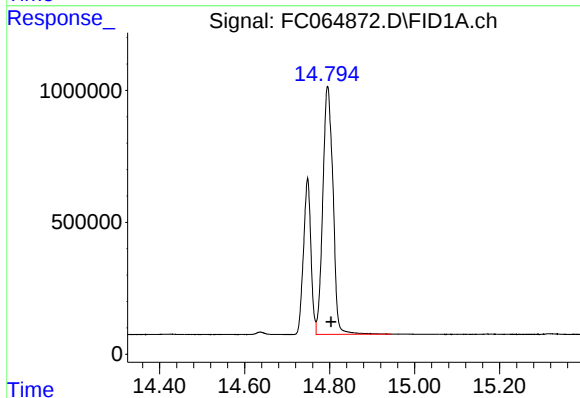
R.T.: 12.954 min
Delta R.T.: 0.000 min
Response: 7771617
Conc: 51.83 ug/ml



#13 n-Docosane (C22)

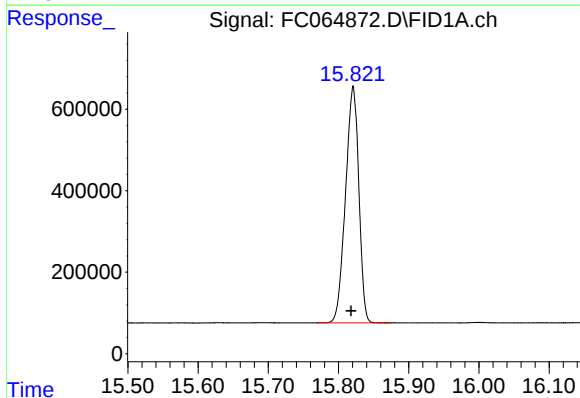
R.T.: 13.705 min
Delta R.T.: 0.002 min
Response: 8270837
Conc: 50.20 ug/ml

Instrument :
FID_C
ClientSampleId :
PB156497BSD



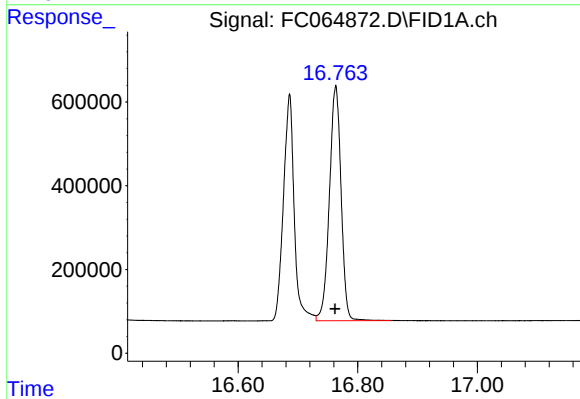
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: -0.008 min
Response: 15598023
Conc: 98.00 ug/ml



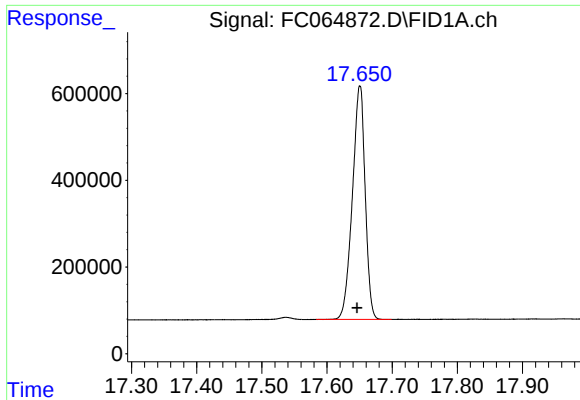
#15 n-Hexacosane (C26)

R.T.: 15.821 min
Delta R.T.: 0.003 min
Response: 7643186
Conc: 49.90 ug/ml



#16 n-Octacosane (C28)

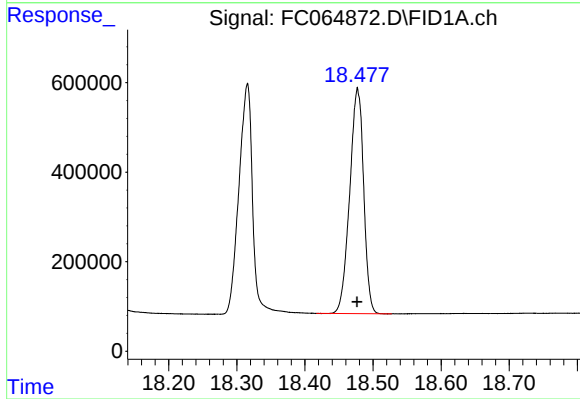
R.T.: 16.763 min
Delta R.T.: 0.001 min
Response: 7600371
Conc: 51.58 ug/ml



#17 n-Tricontane (C30)

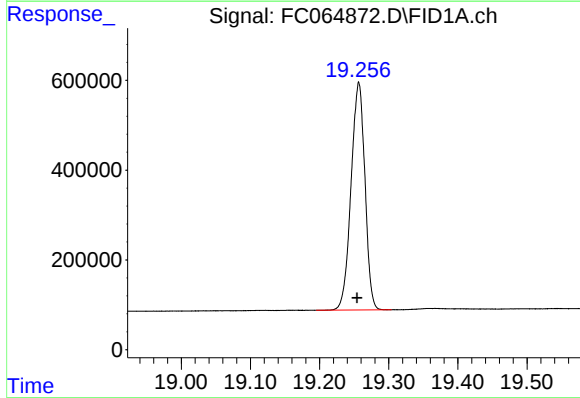
R.T.: 17.651 min
Delta R.T.: 0.004 min
Response: 7343767
Conc: 50.19 ug/ml

Instrument :
FID_C
ClientSampleId :
PB156497BSD



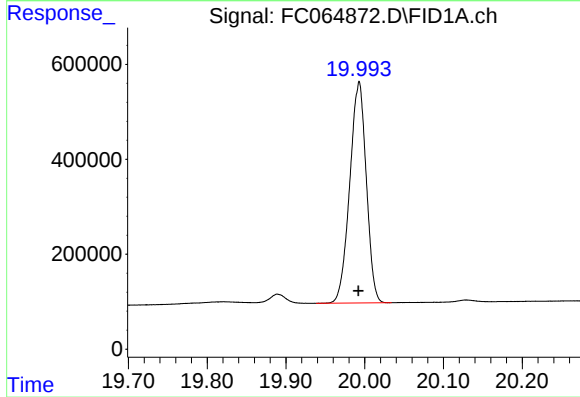
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 7164319
Conc: 49.62 ug/ml



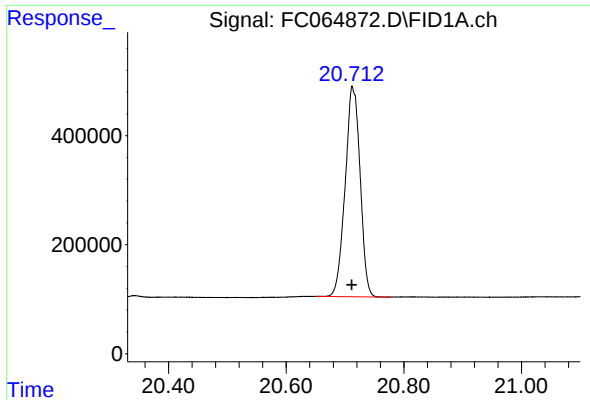
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: 0.002 min
Response: 7066286
Conc: 50.22 ug/ml



#20 n-Hexatriacontane (C36)

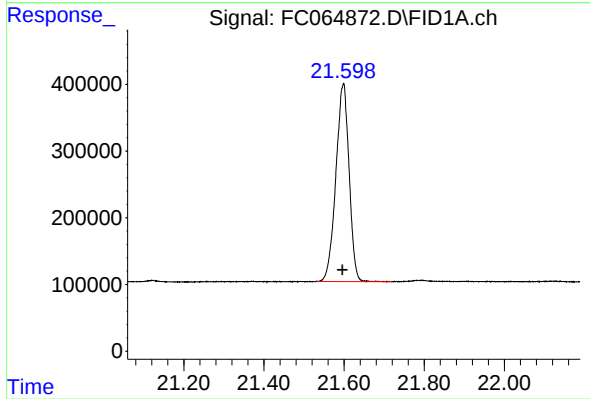
R.T.: 19.993 min
Delta R.T.: 0.000 min
Response: 6800752
Conc: 49.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: 0.001 min
Response: 6811390
Conc: 51.42 ug/ml

Instrument :
FID_C
ClientSampleId :
PB156497BSD



#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: 0.003 min
Response: 6783551
Conc: 54.20 ug/ml