

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042023AL\
 Data File : FC063436.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2023 07:18
 Operator : YP/AJ
 Sample : PB152239BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 21 08:21:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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			
12) S 1-chlorooctadecane (S...	12.985	4595330	41.532 ug/ml
Spiked Amount 50.000		Recovery =	83.06%
Target Compounds			
1) T n-Nonane (C9)	3.306	3330426	23.721 ug/ml
2) T n-Decane (C10)	4.376	4119758	30.232 ug/ml
4) T n-Dodecane (C12)	6.397	4864057	36.157 ug/ml
6) T n-Tetradecane (C14)	8.193	5082663	37.545 ug/ml
7) T n-Hexadecane (C16)	9.793	5407527	39.821 ug/ml
8) T n-Octadecane (C18)	11.234	5591911	40.371 ug/ml
10) T n-Eicosane (C20)	12.542	5646045	42.025 ug/ml
11) T n-Heneicosane (C21)	13.153	5622698	41.777 ug/ml
13) T n-Docosane (C22)	13.739	5451468	40.880 ug/ml
14) T n-Tetracosane (C24)	14.839	6305418	46.896 ug/ml
15) T n-Hexacosane (C26)	15.857	5417778	40.476 ug/ml
16) T n-Octacosane (C28)	16.807	5422486	40.047 ug/ml
17) T n-Tricontane (C30)	17.694	5648497	40.833 ug/ml
18) T n-Dotriacontane (C32)	18.524	5491099	38.895 ug/ml
19) T n-Tetratriacontane (C34)	19.307	5546656	40.192 ug/ml
20) T n-Hexatriacontane (C36)	20.045	5186334	40.576 ug/ml
21) T n-Octatriacontane (C38)	20.775	5208364	42.299 ug/ml
22) T n-Tetracontane (C40)	21.679	5148612	43.751 ug/ml

(f)=RT Delta > 1/2 Window

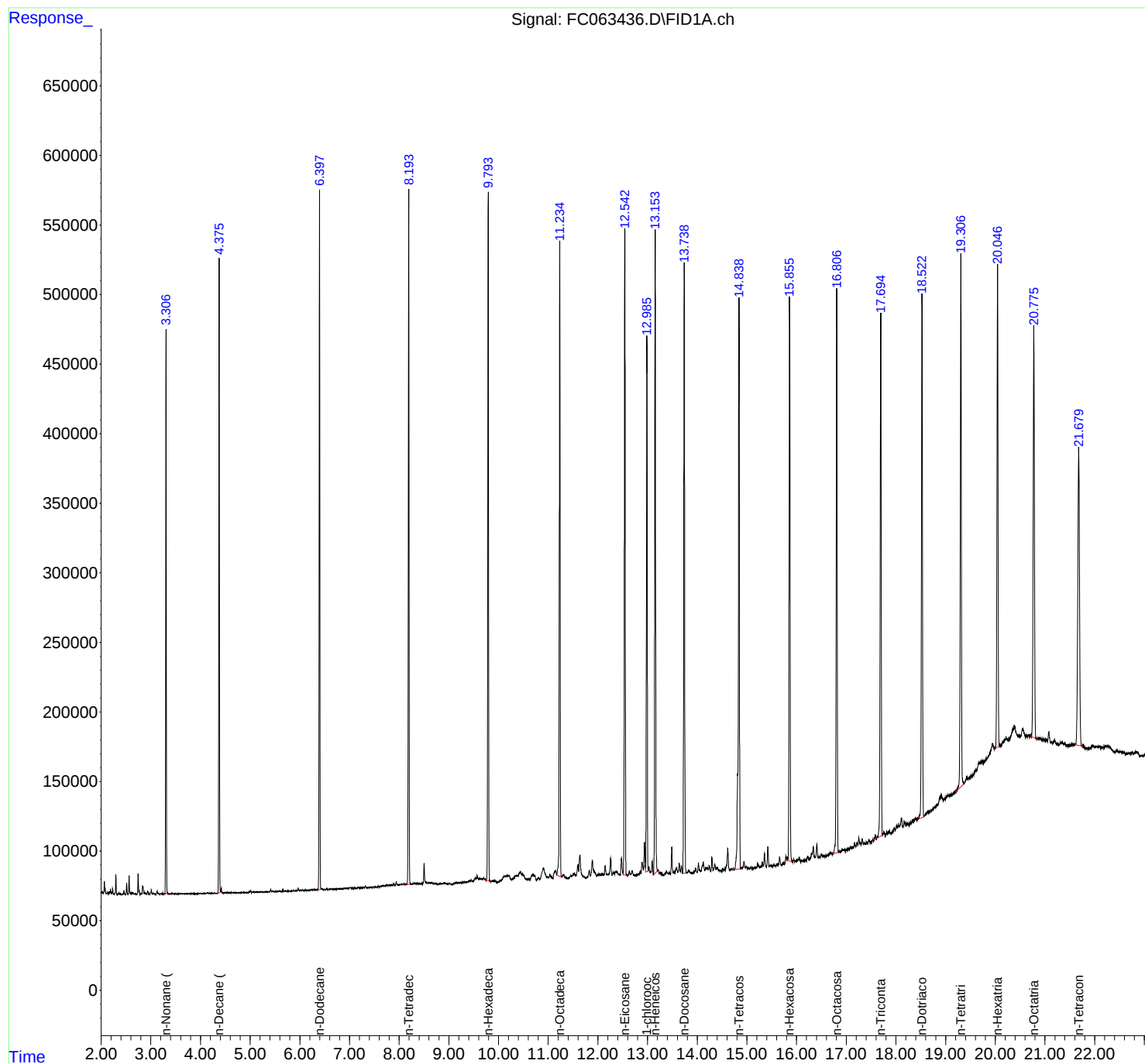
(m)=manual int.

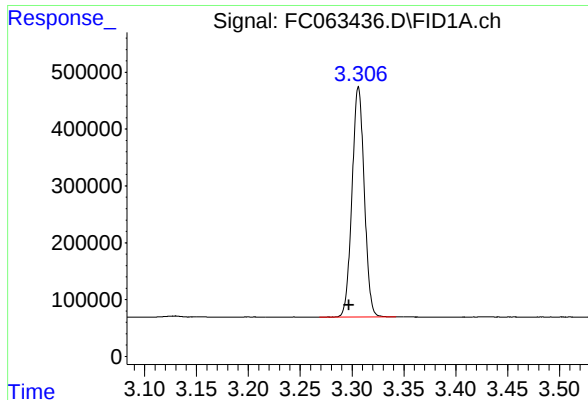
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042023AL\
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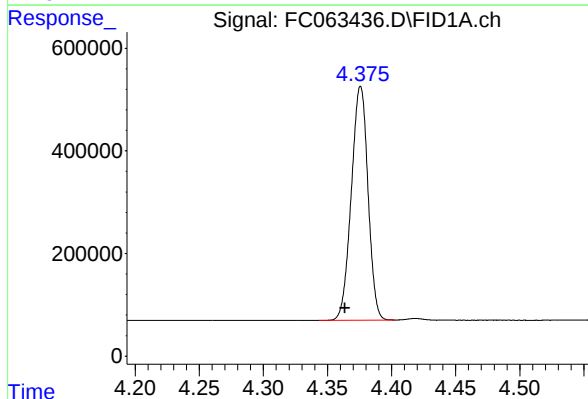




#1 n-Nonane (C9)

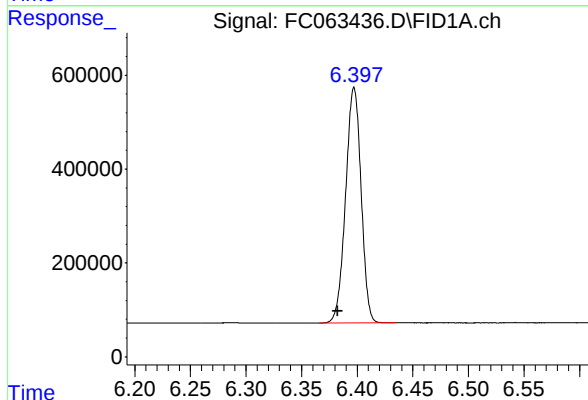
R.T.: 3.306 min
Delta R.T.: 0.009 min
Response: 3330426
Conc: 23.72 ug/ml

Instrument :
FID_C
ClientSampleId :



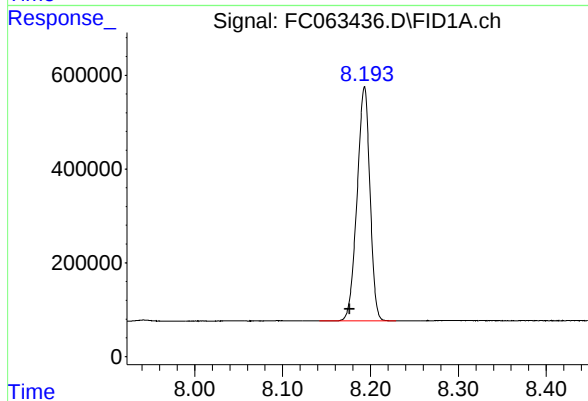
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.012 min
Response: 4119758
Conc: 30.23 ug/ml



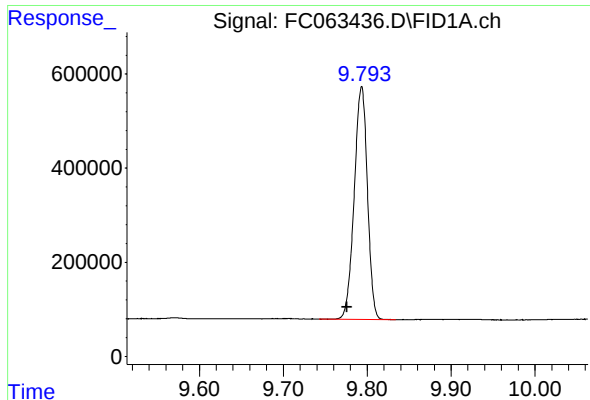
#4 n-Dodecane (C12)

R.T.: 6.397 min
Delta R.T.: 0.015 min
Response: 4864057
Conc: 36.16 ug/ml



#6 n-Tetradecane (C14)

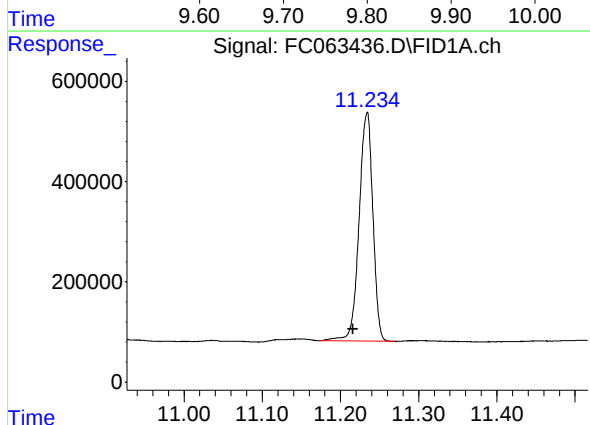
R.T.: 8.193 min
Delta R.T.: 0.017 min
Response: 5082663
Conc: 37.54 ug/ml



#7 n-Hexadecane (C16)

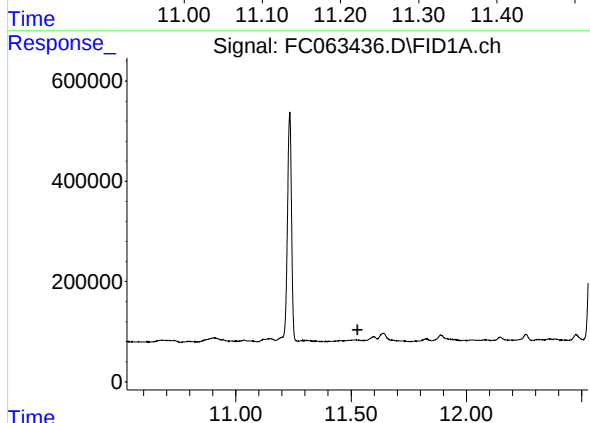
R.T.: 9.793 min
Delta R.T.: 0.017 min
Response: 5407527
Conc: 39.82 ug/ml

Instrument :
FID_C
ClientSampleId :



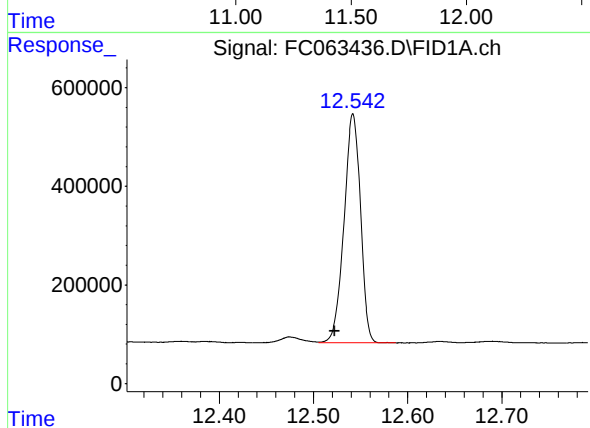
#8 n-Octadecane (C18)

R.T.: 11.234 min
Delta R.T.: 0.018 min
Response: 5591911
Conc: 40.37 ug/ml



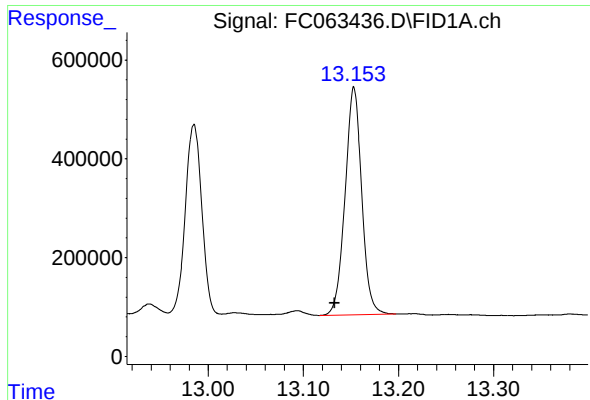
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.528 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

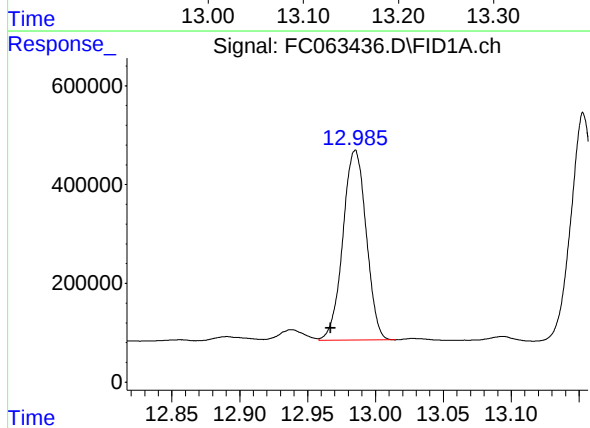
R.T.: 12.542 min
Delta R.T.: 0.019 min
Response: 5646045
Conc: 42.02 ug/ml



#11 n-Heneicosane (C21)

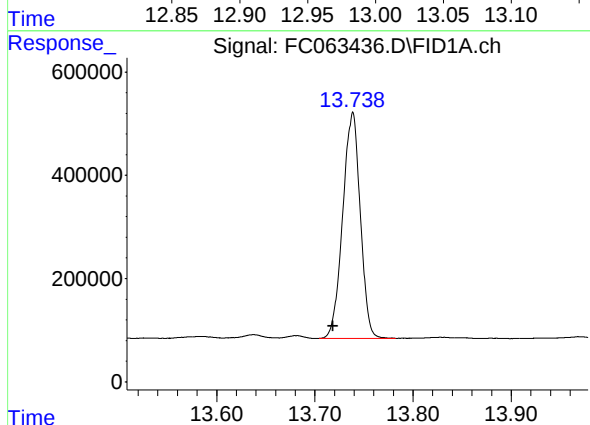
R.T.: 13.153 min
Delta R.T.: 0.020 min
Response: 5622698
Conc: 41.78 ug/ml

Instrument :
FID_C
ClientSampleId :



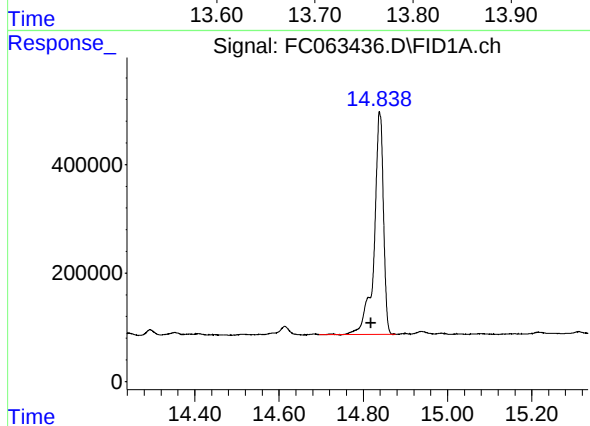
#12 1-chlorooctadecane (SURR)

R.T.: 12.985 min
Delta R.T.: 0.018 min
Response: 4595330
Conc: 41.53 ug/ml



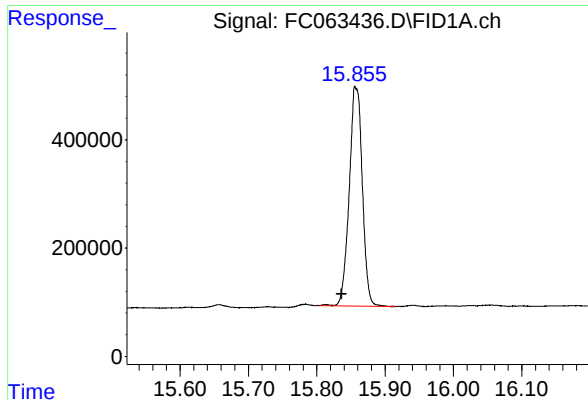
#13 n-Docosane (C22)

R.T.: 13.739 min
Delta R.T.: 0.020 min
Response: 5451468
Conc: 40.88 ug/ml



#14 n-Tetracosane (C24)

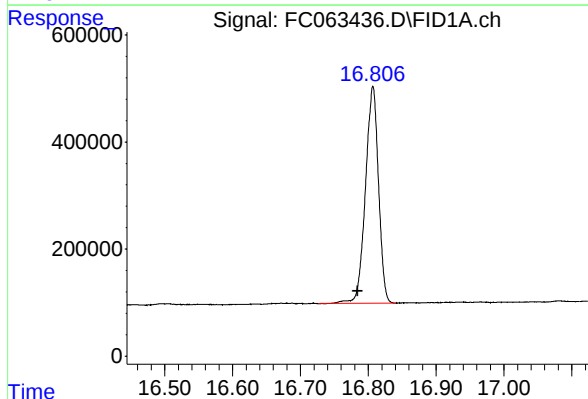
R.T.: 14.839 min
Delta R.T.: 0.021 min
Response: 6305418
Conc: 46.90 ug/ml



#15 n-Hexacosane (C26)

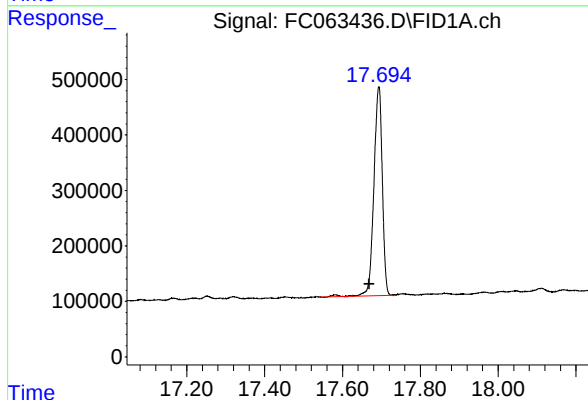
R.T.: 15.857 min
Delta R.T.: 0.020 min
Response: 5417778
Conc: 40.48 ug/ml

Instrument :
FID_C
ClientSampleId :



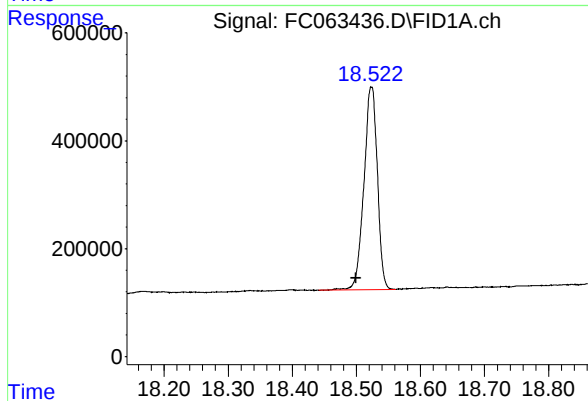
#16 n-Octacosane (C28)

R.T.: 16.807 min
Delta R.T.: 0.023 min
Response: 5422486
Conc: 40.05 ug/ml



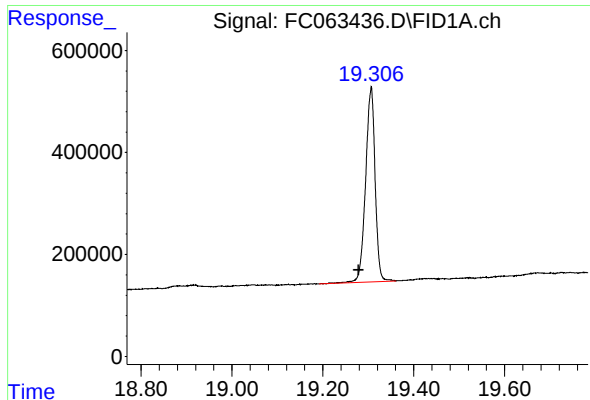
#17 n-Tricontane (C30)

R.T.: 17.694 min
Delta R.T.: 0.024 min
Response: 5648497
Conc: 40.83 ug/ml



#18 n-Dotriacontane (C32)

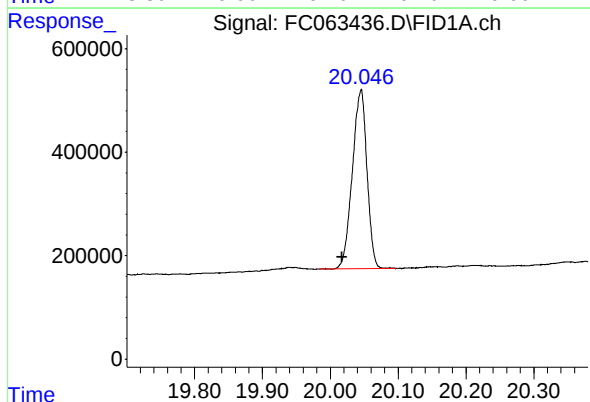
R.T.: 18.524 min
Delta R.T.: 0.024 min
Response: 5491099
Conc: 38.89 ug/ml



#19 n-Tetratriacontane (C34)

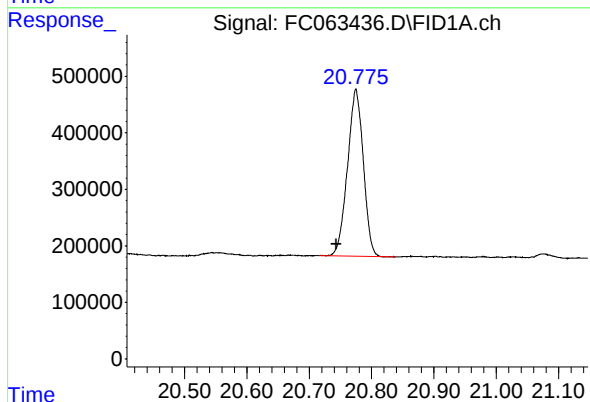
R.T.: 19.307 min
Delta R.T.: 0.028 min
Response: 5546656
Conc: 40.19 ug/ml

Instrument :
FID_C
ClientSampleId :



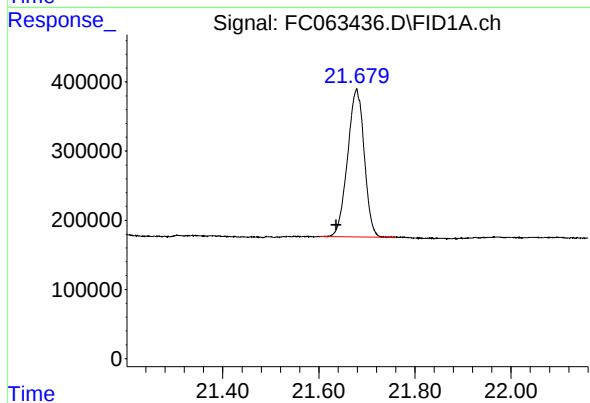
#20 n-Hexatriacontane (C36)

R.T.: 20.045 min
Delta R.T.: 0.028 min
Response: 5186334
Conc: 40.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.775 min
Delta R.T.: 0.032 min
Response: 5208364
Conc: 42.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.679 min
Delta R.T.: 0.042 min
Response: 5148612
Conc: 43.75 ug/ml