

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031323AL\
 Data File : FC063160.D
 Signal(s) : FID1A.ch
 Acq On : 13 Mar 2023 12:35
 Operator : YP/AJ
 Sample : PB151345BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 14 03:34:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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)	11.534	440801	3.396 ug/ml
Spiked Amount 50.000		Recovery =	6.79%
12) S 1-chlorooctadecane (S...	12.975	4263898	43.711 ug/ml
Spiked Amount 50.000		Recovery =	87.42%
Target Compounds			
1) T n-Nonane (C9)	3.295	2934789	24.754 ug/ml
2) T n-Decane (C10)	4.363	3525407	30.573 ug/ml
4) T n-Dodecane (C12)	6.384	3909039	33.852 ug/ml
6) T n-Tetradecane (C14)	8.180	3971147	35.137 ug/ml
7) T n-Hexadecane (C16)	9.781	4328696	37.629 ug/ml
8) T n-Octadecane (C18)	11.223	4683379	40.209 ug/ml
10) T n-Eicosane (C20)	12.532	4593418	40.313 ug/ml
11) T n-Heneicosane (C21)	13.143	4552964	39.951 ug/ml
13) T n-Docosane (C22)	13.728	4557499	40.410 ug/ml
14) T n-Tetracosane (C24)	14.829	4520946	40.342 ug/ml
15) T n-Hexacosane (C26)	15.849	4489830	40.599 ug/ml
16) T n-Octacosane (C28)	16.798	4458482	40.520 ug/ml
17) T n-Tricontane (C30)	17.683	4479381	40.676 ug/ml
18) T n-Dotriacontane (C32)	18.515	4560461	40.862 ug/ml
19) T n-Tetratriacontane (C34)	19.296	4534933	40.576 ug/ml
20) T n-Hexatriacontane (C36)	20.034	4337379	39.956 ug/ml
21) T n-Octatriacontane (C38)	20.762	4363587	40.156 ug/ml
22) T n-Tetracontane (C40)	21.662	4344328	39.932 ug/ml

(f)=RT Delta > 1/2 Window

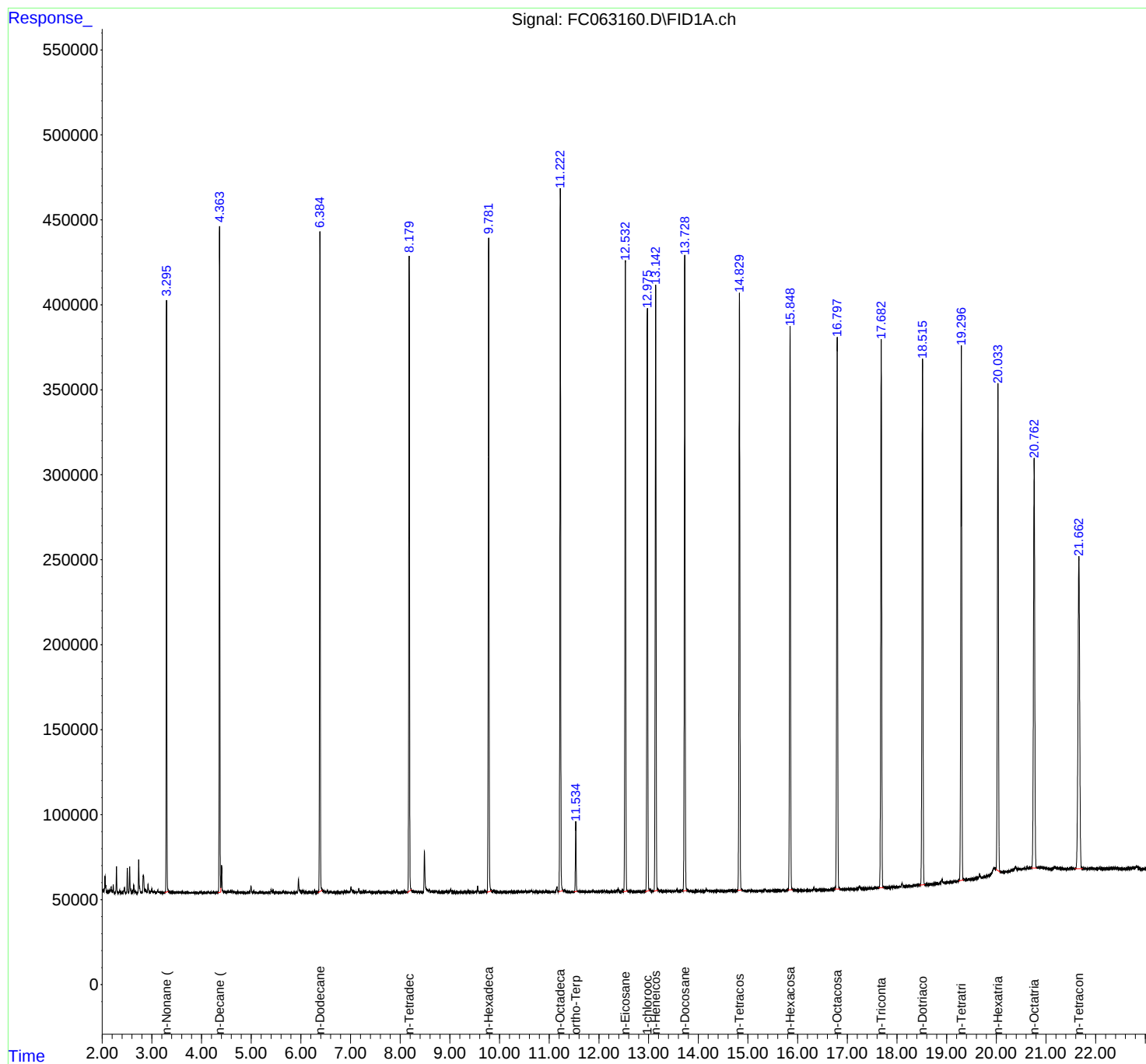
(m)=manual int.

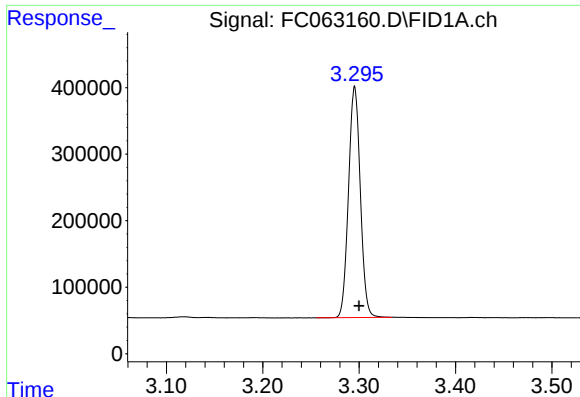
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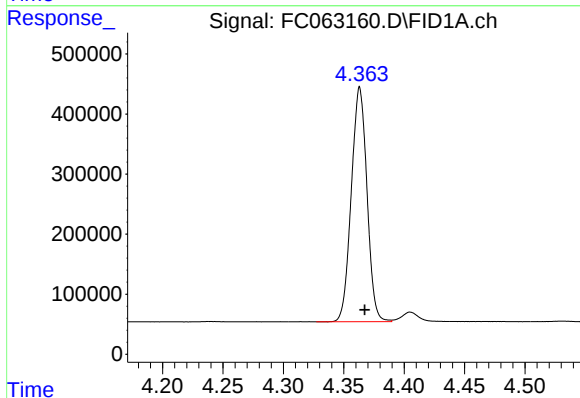




#1 n-Nonane (C9)

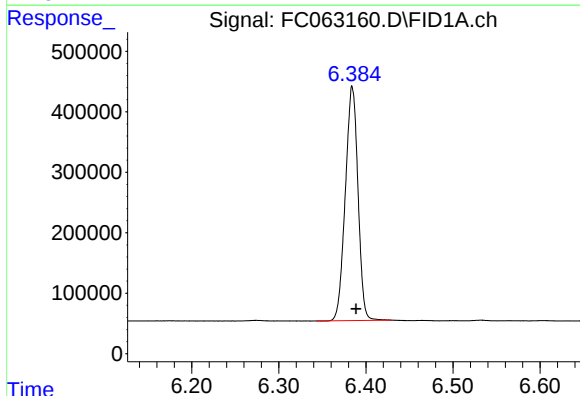
R.T.: 3.295 min
Delta R.T.: -0.005 min
Response: 2934789
Conc: 24.75 ug/ml

Instrument :
FID_C
ClientSampleId :



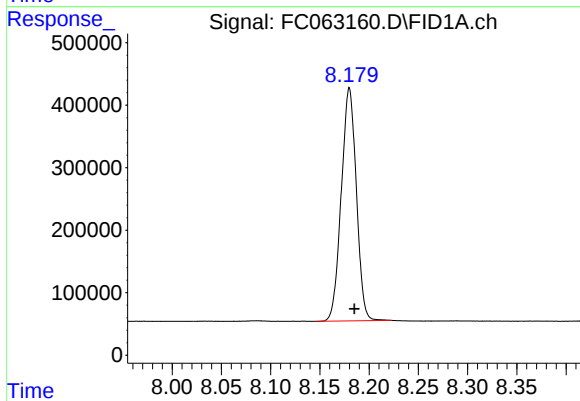
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 3525407
Conc: 30.57 ug/ml



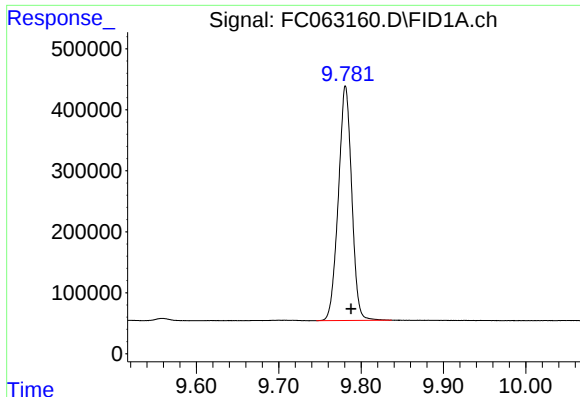
#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: -0.004 min
Response: 3909039
Conc: 33.85 ug/ml



#6 n-Tetradecane (C14)

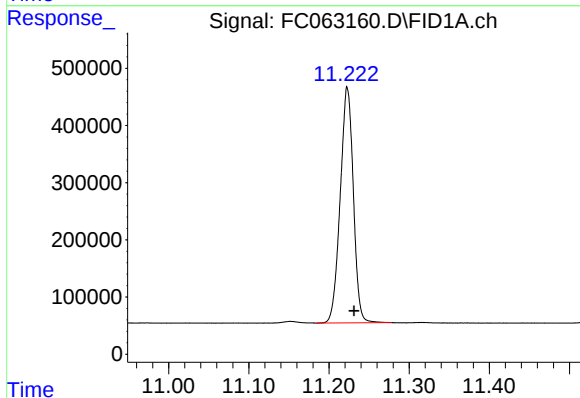
R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 3971147
Conc: 35.14 ug/ml



#7 n-Hexadecane (C16)

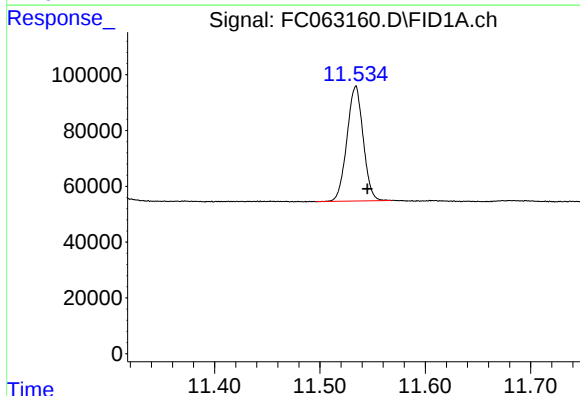
R.T.: 9.781 min
Delta R.T.: -0.007 min
Response: 4328696
Conc: 37.63 ug/ml

Instrument :
FID_C
ClientSampleId :



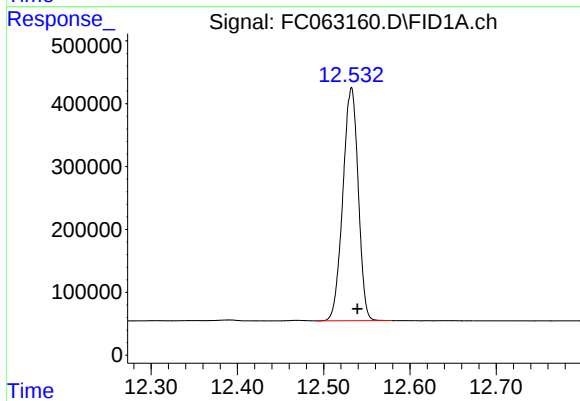
#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.009 min
Response: 4683379
Conc: 40.21 ug/ml



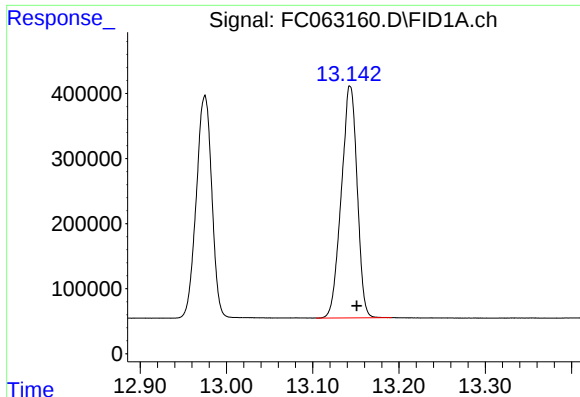
#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.011 min
Response: 440801
Conc: 3.40 ug/ml



#10 n-Eicosane (C20)

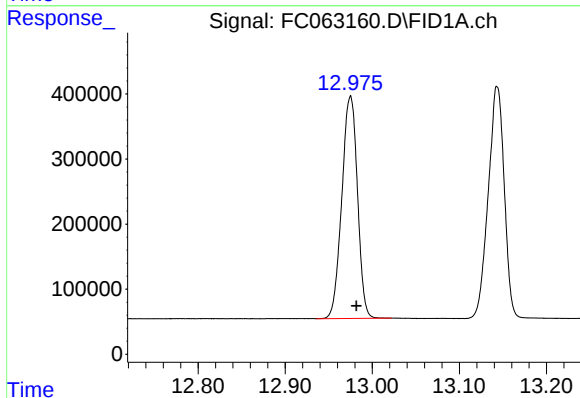
R.T.: 12.532 min
Delta R.T.: -0.007 min
Response: 4593418
Conc: 40.31 ug/ml



#11 n-Heneicosane (C21)

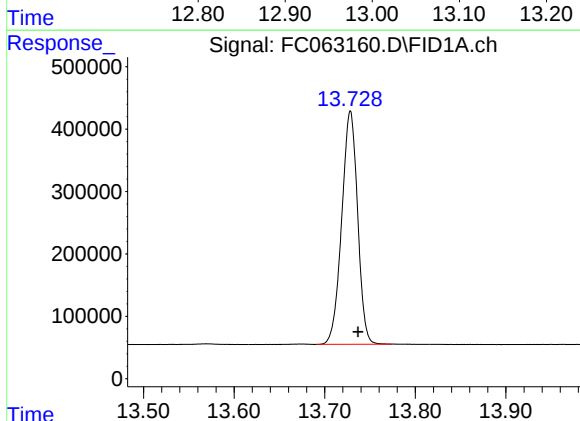
R.T.: 13.143 min
Delta R.T.: -0.008 min
Response: 4552964
Conc: 39.95 ug/ml

Instrument :
FID_C
ClientSampleId :



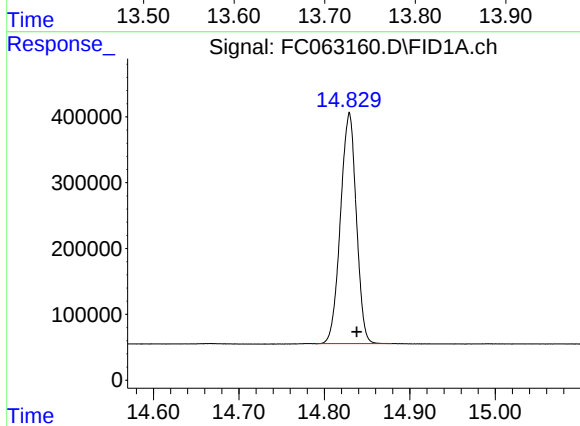
#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.007 min
Response: 4263898
Conc: 43.71 ug/ml



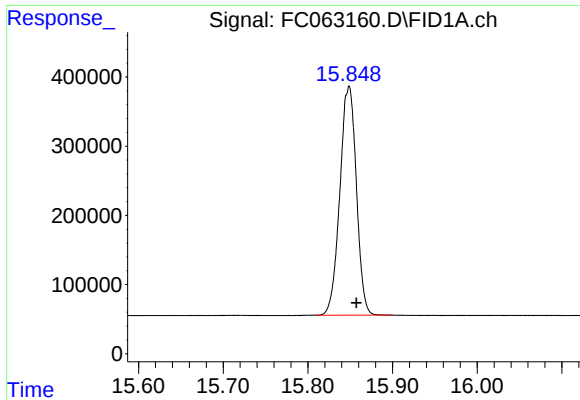
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: -0.009 min
Response: 4557499
Conc: 40.41 ug/ml



#14 n-Tetracosane (C24)

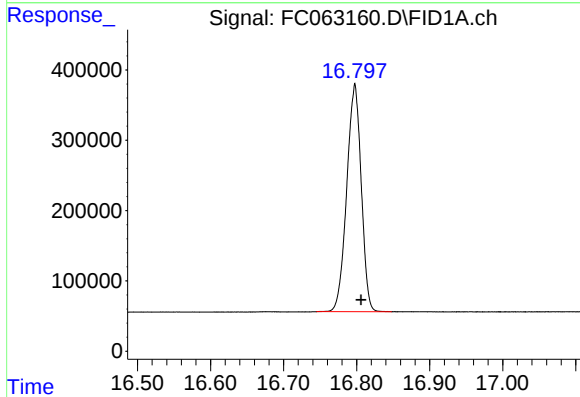
R.T.: 14.829 min
Delta R.T.: -0.008 min
Response: 4520946
Conc: 40.34 ug/ml



#15 n-Hexacosane (C26)

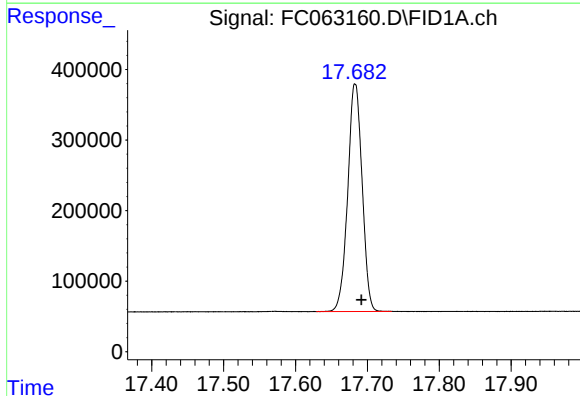
R.T.: 15.849 min
Delta R.T.: -0.009 min
Response: 4489830
Conc: 40.60 ug/ml

Instrument :
FID_C
ClientSampleId :



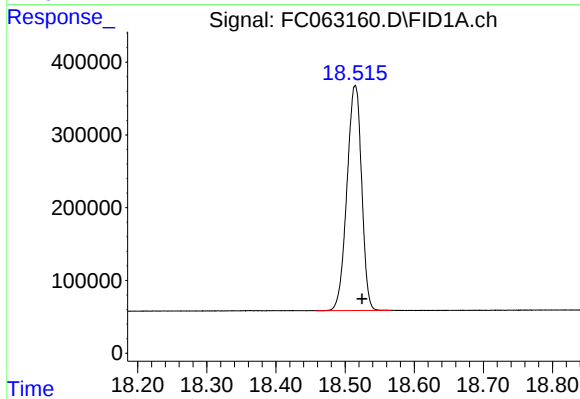
#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.008 min
Response: 4458482
Conc: 40.52 ug/ml



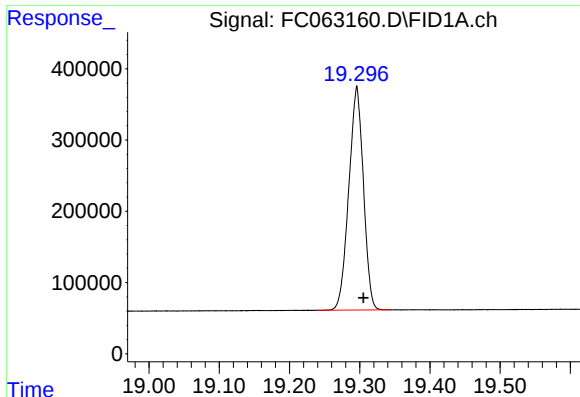
#17 n-Tricontane (C30)

R.T.: 17.683 min
Delta R.T.: -0.009 min
Response: 4479381
Conc: 40.68 ug/ml



#18 n-Dotriacontane (C32)

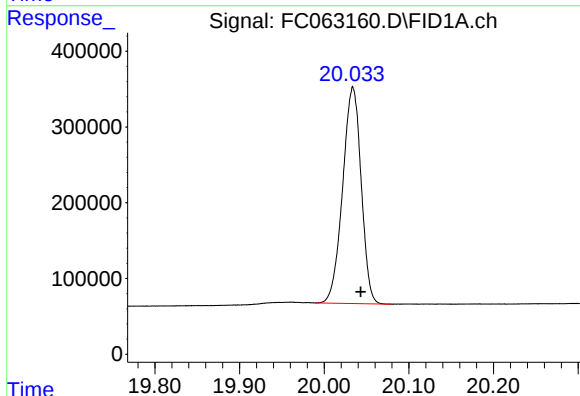
R.T.: 18.515 min
Delta R.T.: -0.010 min
Response: 4560461
Conc: 40.86 ug/ml



#19 n-Tetratriacontane (C34)

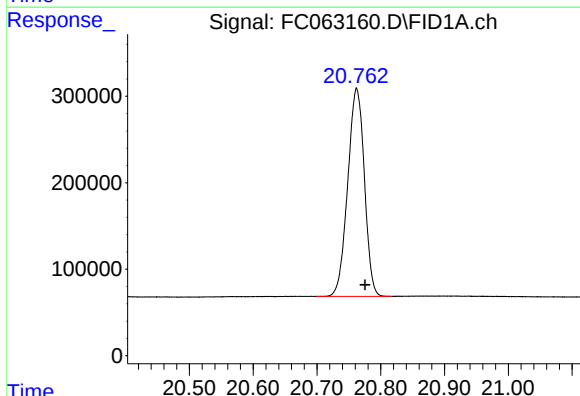
R.T.: 19.296 min
Delta R.T.: -0.009 min
Response: 4534933
Conc: 40.58 ug/ml

Instrument :
FID_C
ClientSampleId :



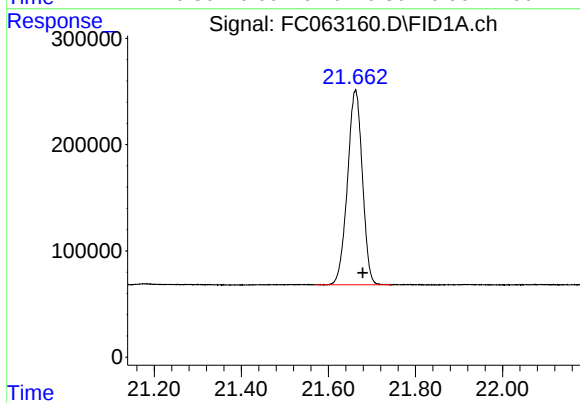
#20 n-Hexatriacontane (C36)

R.T.: 20.034 min
Delta R.T.: -0.009 min
Response: 4337379
Conc: 39.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.762 min
Delta R.T.: -0.013 min
Response: 4363587
Conc: 40.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.662 min
Delta R.T.: -0.017 min
Response: 4344328
Conc: 39.93 ug/ml