

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
 Data File : FC069767.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 13:02
 Operator : YP/AJ
 Sample : Q2893-07
 Misc : 4PPM WATER LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 29 01:17:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 2025
 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...	13.100	7399531	77.332 ug/ml
Spiked Amount 50.000		Recovery =	154.66%
Target Compounds			
1) T n-Nonane (C9)	3.395	458343	3.656 ug/ml
2) T n-Decane (C10)	4.466	562466	4.414 ug/ml
4) T n-Dodecane (C12)	6.490	640457	4.998 ug/ml
6) T n-Tetradecane (C14)	8.289	731063	5.732 ug/ml
7) T n-Hexadecane (C16)	9.892	675265	5.229 ug/ml
8) T n-Octadecane (C18)	11.336	693396	5.530 ug/ml
10) T n-Eicosane (C20)	12.648	689658	5.942 ug/ml
11) T n-Heneicosane (C21)	13.261	627062	5.608 ug/ml
13) T n-Docosane (C22)	13.847	632669	5.797 ug/ml
14) T n-Tetracosane (C24)	14.953	615405	5.868 ug/ml
15) T n-Hexacosane (C26)	15.975	581384	5.801 ug/ml
16) T n-Octacosane (C28)	16.926	558437	5.800 ug/ml
17) T n-Tricontane (C30)	17.816	562046	5.844 ug/ml
18) T n-Dotriacontane (C32)	18.649	596053	6.399 ug/ml
19) T n-Tetratriacontane (C34)	19.435	556380	6.447 ug/ml
20) T n-Hexatriacontane (C36)	20.176	504381	6.612 ug/ml
21) T n-Octatriacontane (C38)	20.939	472867	6.724 ug/ml
22) T n-Tetracontane (C40)	21.898	414410	6.238 ug/ml

(f)=RT Delta > 1/2 Window

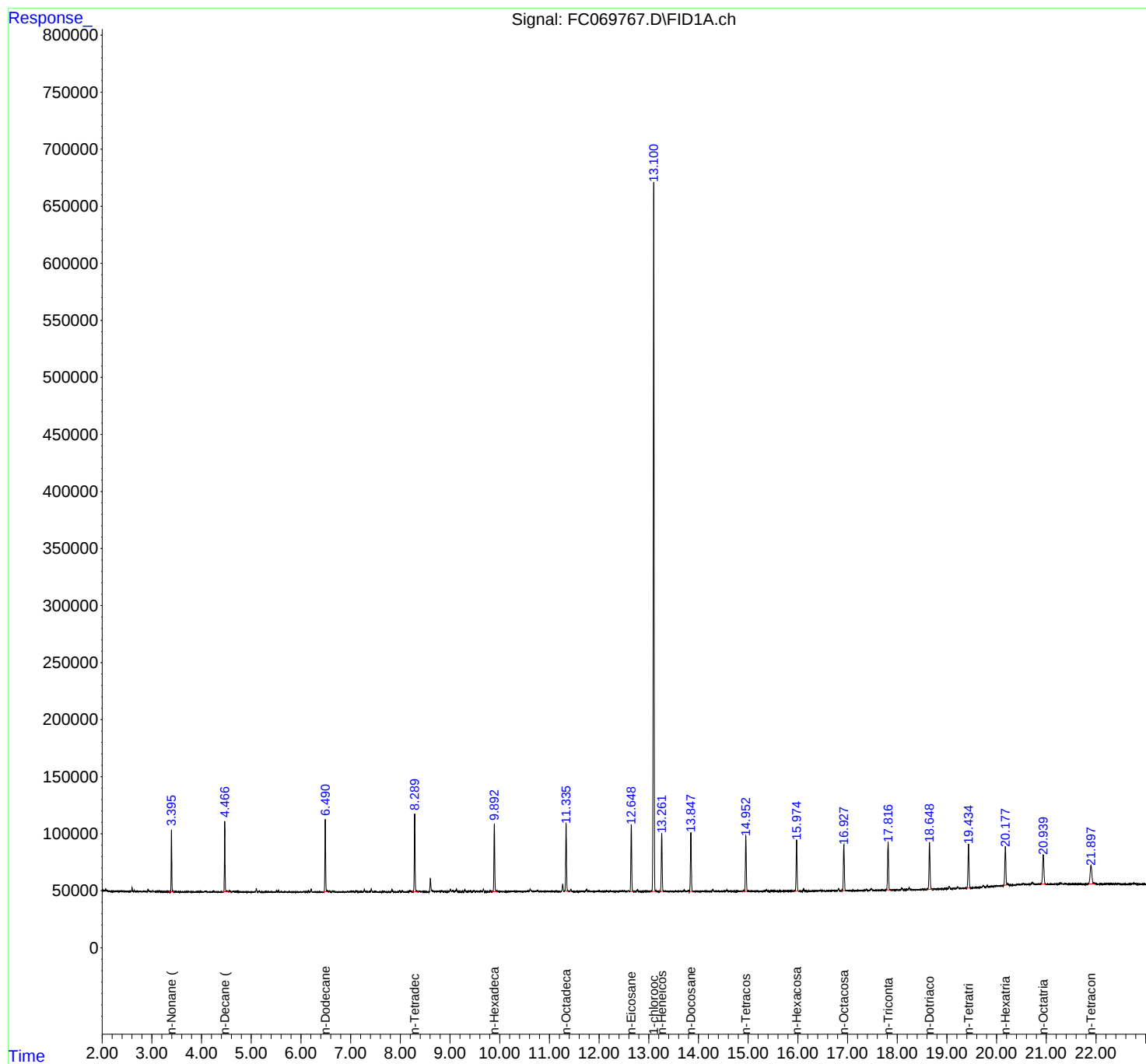
(m)=manual int.

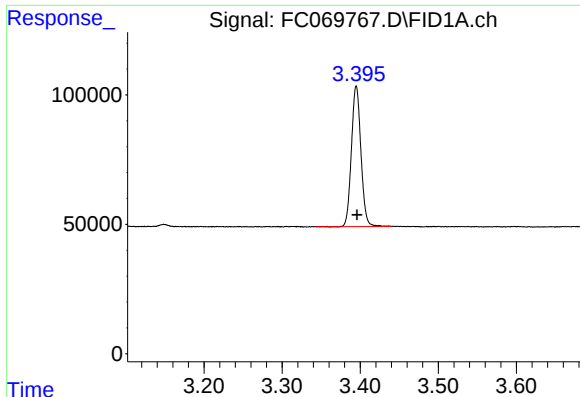
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
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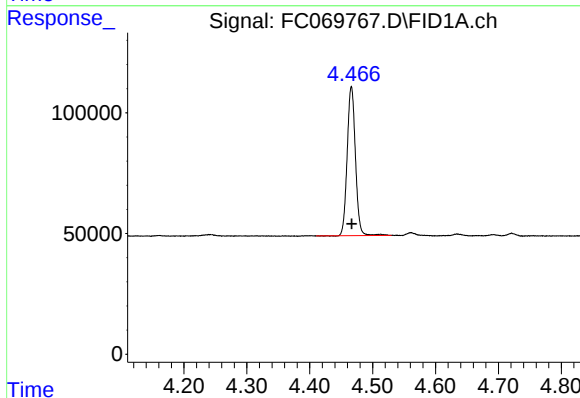




#1 n-Nonane (C9)

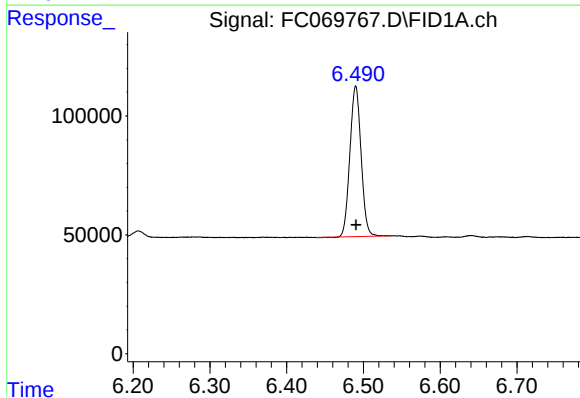
R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 458343
Conc: 3.66 ug/ml

Instrument :
FID_C
ClientSampleId :



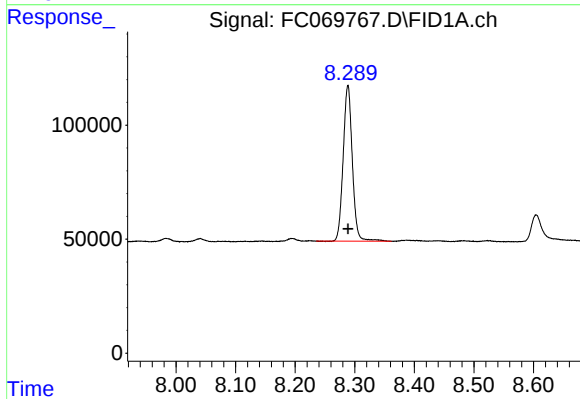
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 562466
Conc: 4.41 ug/ml



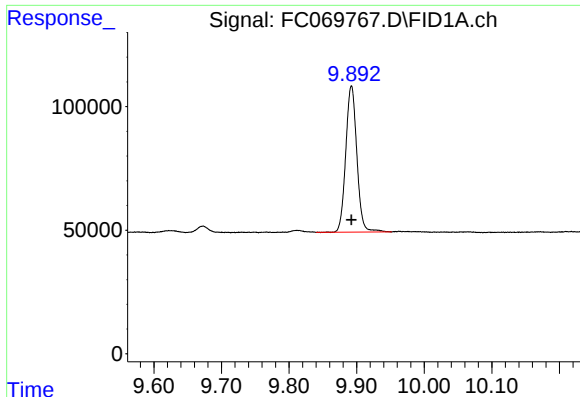
#4 n-Dodecane (C12)

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 640457
Conc: 5.00 ug/ml



#6 n-Tetradecane (C14)

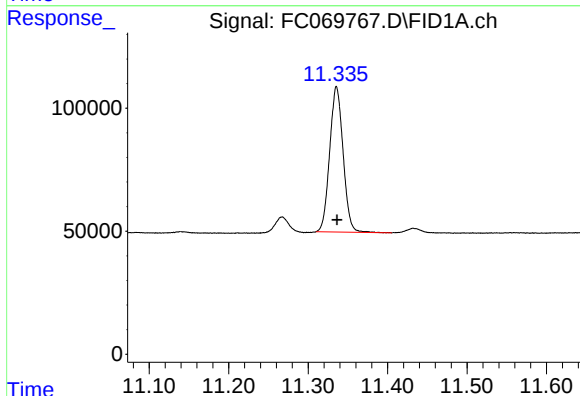
R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 731063
Conc: 5.73 ug/ml



#7 n-Hexadecane (C16)

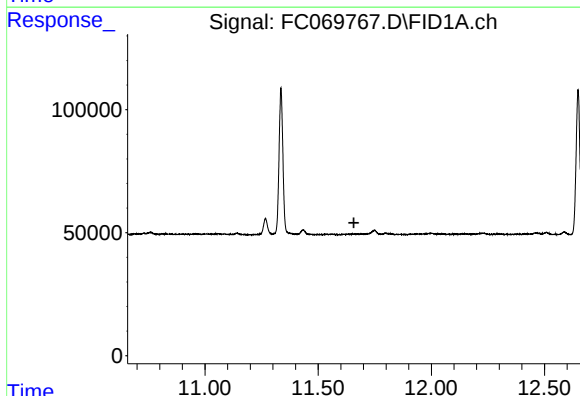
R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 675265
Conc: 5.23 ug/ml

Instrument :
FID_C
ClientSampleId :



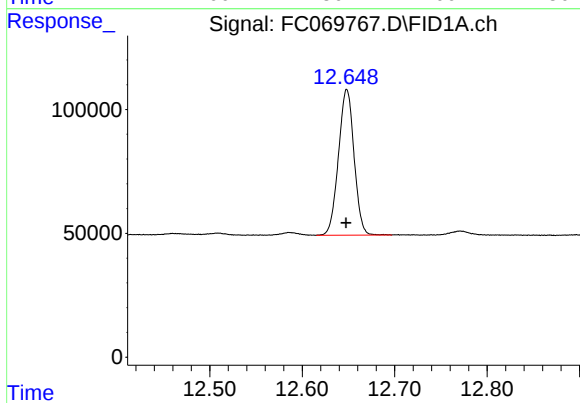
#8 n-Octadecane (C18)

R.T.: 11.336 min
Delta R.T.: 0.000 min
Response: 693396
Conc: 5.53 ug/ml



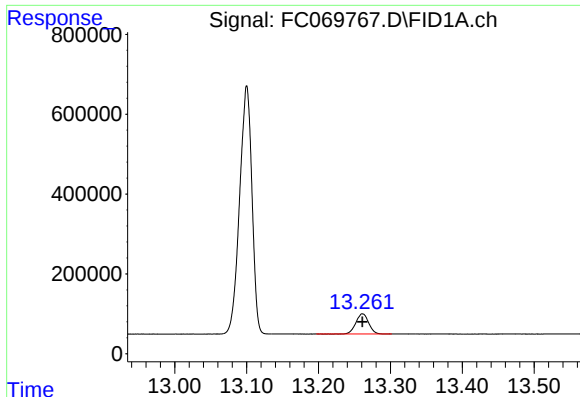
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.658 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

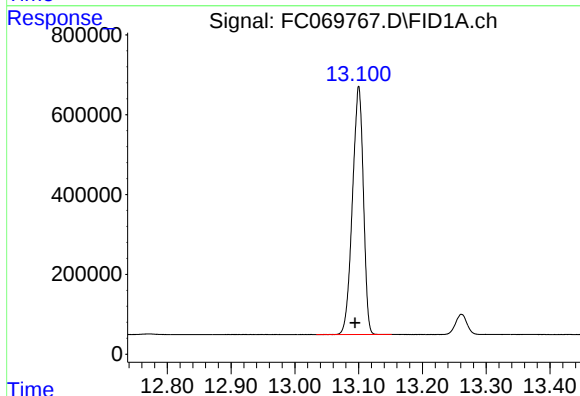
R.T.: 12.648 min
Delta R.T.: 0.000 min
Response: 689658
Conc: 5.94 ug/ml



#11 n-Heneicosane (C21)

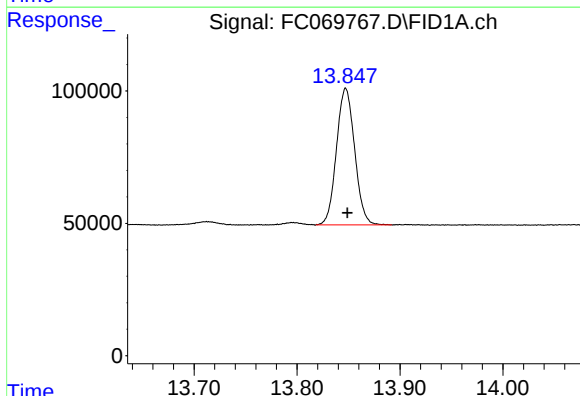
R.T.: 13.261 min
Delta R.T.: 0.000 min
Response: 627062
Conc: 5.61 ug/ml

Instrument :
FID_C
ClientSampleId :



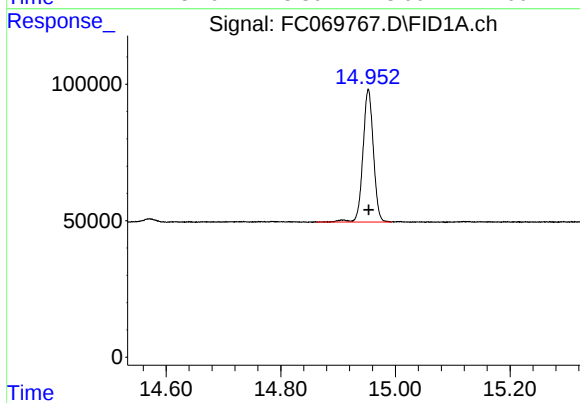
#12 1-chlorooctadecane (SURR)

R.T.: 13.100 min
Delta R.T.: 0.006 min
Response: 7399531
Conc: 77.33 ug/ml



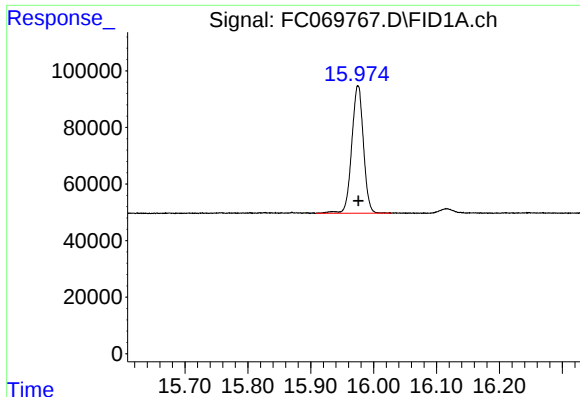
#13 n-Docosane (C22)

R.T.: 13.847 min
Delta R.T.: -0.002 min
Response: 632669
Conc: 5.80 ug/ml



#14 n-Tetracosane (C24)

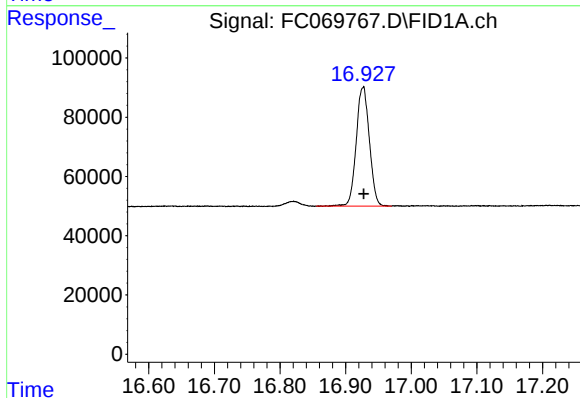
R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 615405
Conc: 5.87 ug/ml



#15 n-Hexacosane (C26)

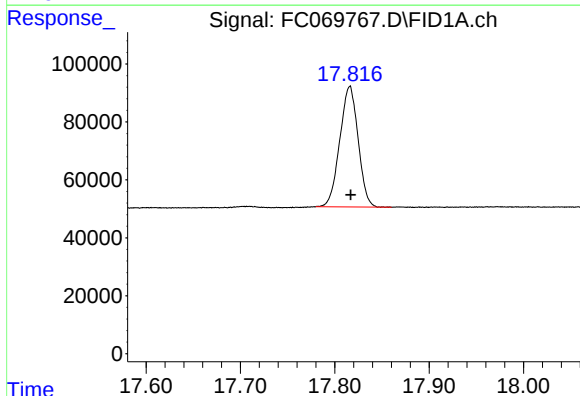
R.T.: 15.975 min
Delta R.T.: 0.000 min
Response: 581384
Conc: 5.80 ug/ml

Instrument :
FID_C
ClientSampleId :



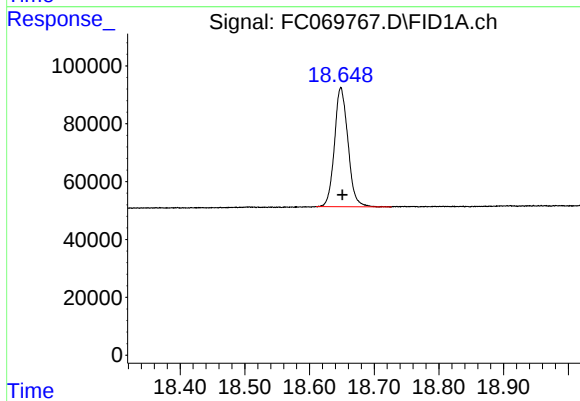
#16 n-Octacosane (C28)

R.T.: 16.926 min
Delta R.T.: -0.001 min
Response: 558437
Conc: 5.80 ug/ml



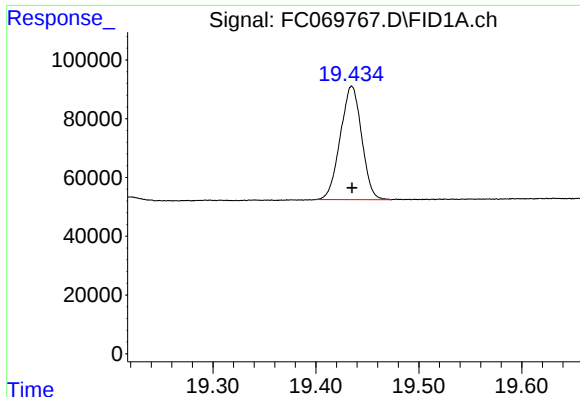
#17 n-Tricontane (C30)

R.T.: 17.816 min
Delta R.T.: -0.001 min
Response: 562046
Conc: 5.84 ug/ml



#18 n-Dotriacontane (C32)

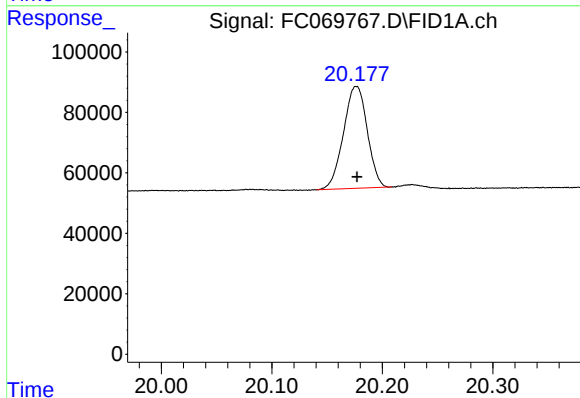
R.T.: 18.649 min
Delta R.T.: -0.002 min
Response: 596053
Conc: 6.40 ug/ml



#19 n-Tetratriacontane (C34)

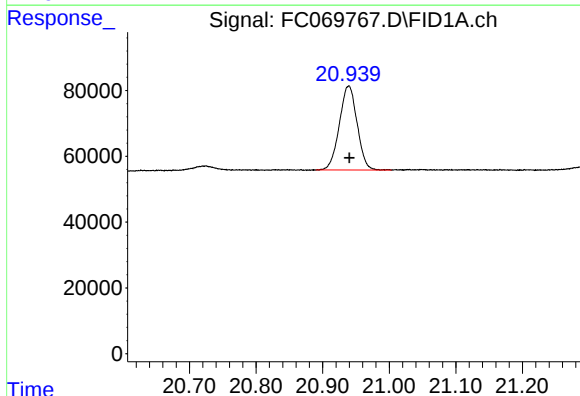
R.T.: 19.435 min
Delta R.T.: 0.000 min
Response: 556380
Conc: 6.45 ug/ml

Instrument :
FID_C
ClientSampleId :



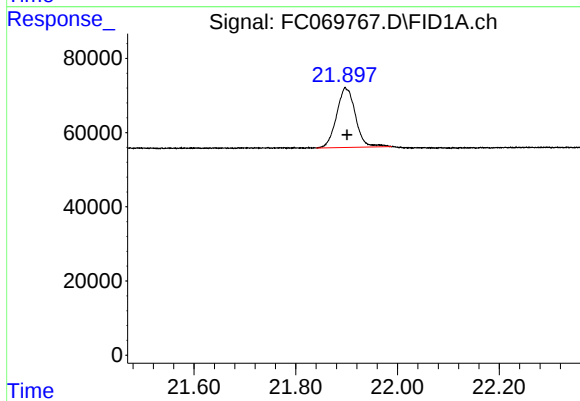
#20 n-Hexatriacontane (C36)

R.T.: 20.176 min
Delta R.T.: 0.000 min
Response: 504381
Conc: 6.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.939 min
Delta R.T.: -0.001 min
Response: 472867
Conc: 6.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.898 min
Delta R.T.: -0.003 min
Response: 414410
Conc: 6.24 ug/ml