

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090925AL\
 Data File : FG016577.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2025 13:04
 Operator : YP\AJ
 Sample : Q2893-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 10 02:31:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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...	13.511	2938272	29.190 ug/ml
Spiked Amount 50.000		Recovery =	58.38%
Target Compounds			
1) T n-Nonane (C9)	3.385	292344	2.584 ug/ml
2) T n-Decane (C10)	4.647	351087	3.050 ug/ml
4) T n-Dodecane (C12)	6.828	389316	3.356 ug/ml
6) T n-Tetradecane (C14)	8.668	427327	3.704 ug/ml
7) T n-Hexadecane (C16)	10.288	422280	3.538 ug/ml
8) T n-Octadecane (C18)	11.741	457092	3.783 ug/ml
10) T n-Eicosane (C20)	13.060	493540	4.231 ug/ml
11) T n-Heneicosane (C21)	13.676	459941	4.002 ug/ml
13) T n-Docosane (C22)	14.269	469972	4.113 ug/ml
14) T n-Tetracosane (C24)	15.379	478309	4.205 ug/ml
15) T n-Hexacosane (C26)	16.408	457421	4.119 ug/ml
16) T n-Octacosane (C28)	17.364	450605	4.168 ug/ml
17) T n-Tricontane (C30)	18.257	470646	4.309 ug/ml
18) T n-Dotriacontane (C32)	19.096	487459	4.636 ug/ml
19) T n-Tetratriacontane (C34)	19.884	465539	4.848 ug/ml
20) T n-Hexatriacontane (C36)	20.629	431003	5.154 ug/ml
21) T n-Octatriacontane (C38)	21.415	416779	5.413 ug/ml
22) T n-Tetracontane (C40)	22.411	398644	5.366 ug/ml

(f)=RT Delta > 1/2 Window

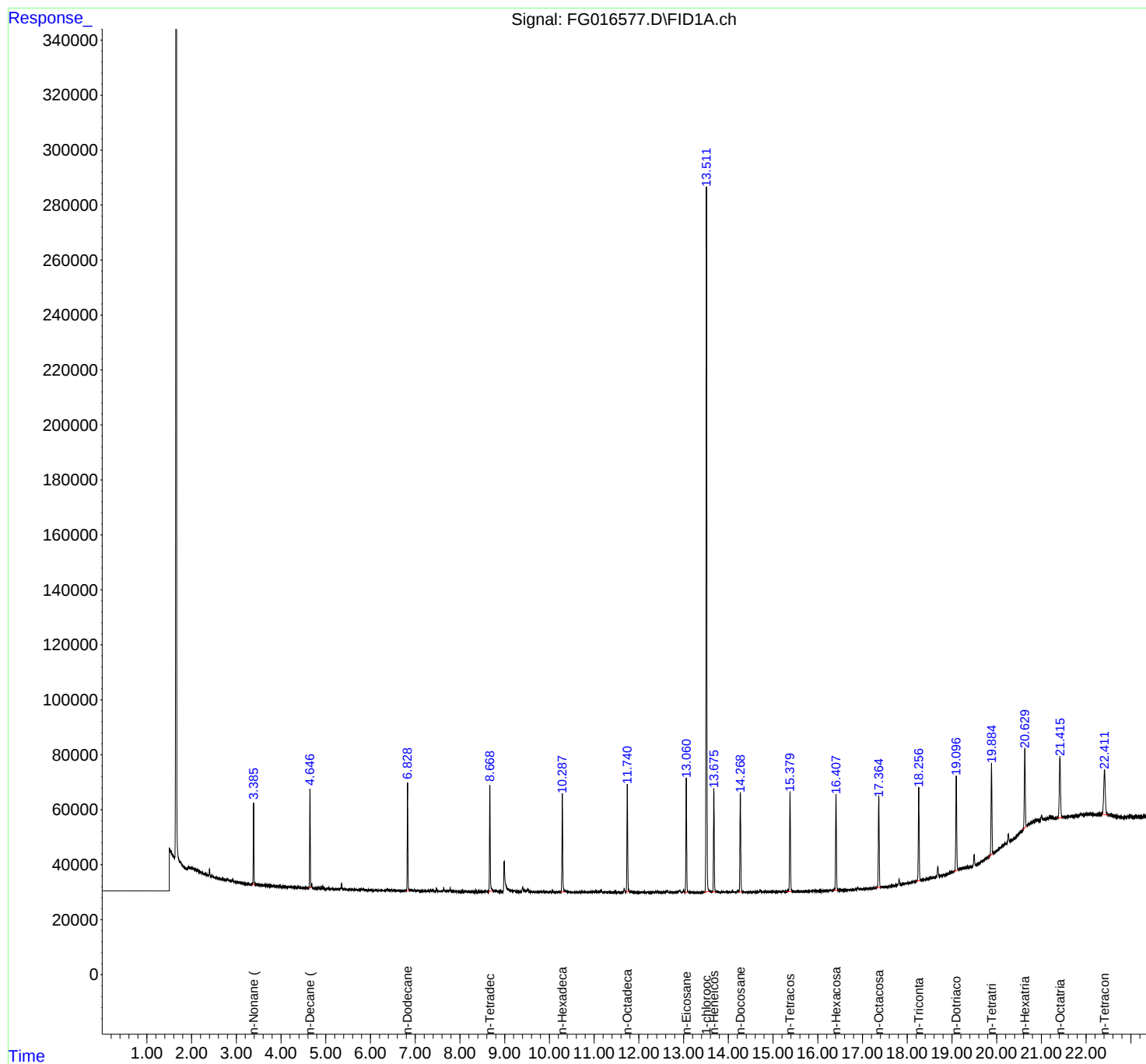
(m)=manual int.

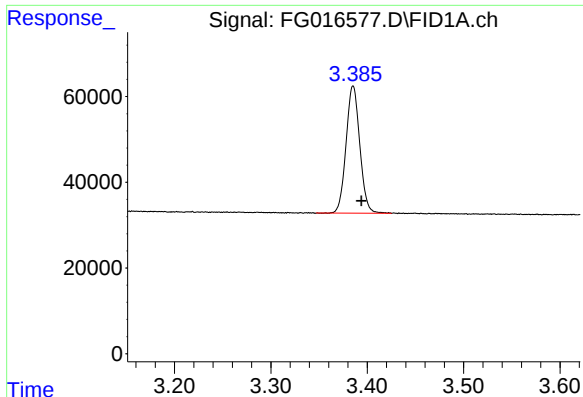
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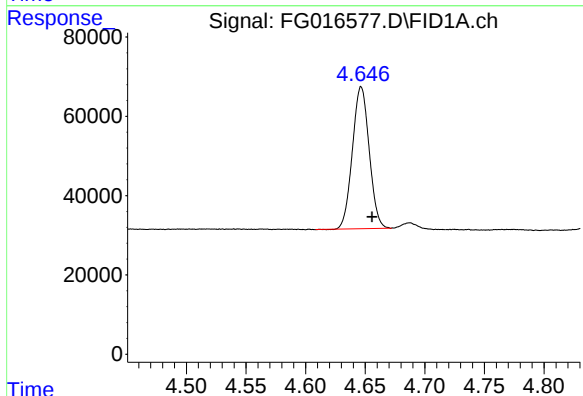




#1 n-Nonane (C9)

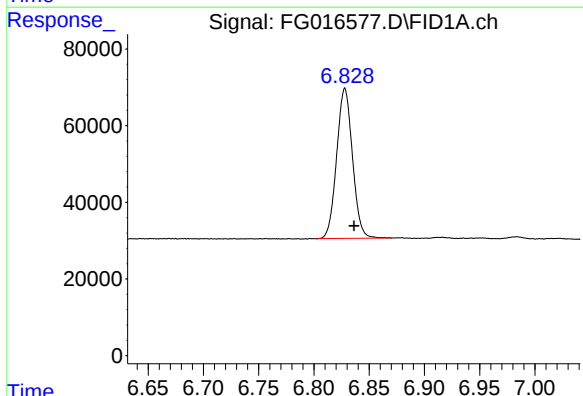
R.T.: 3.385 min
Delta R.T.: -0.009 min
Response: 292344
Conc: 2.58 ug/ml

Instrument :
FID_E
ClientSampleId :



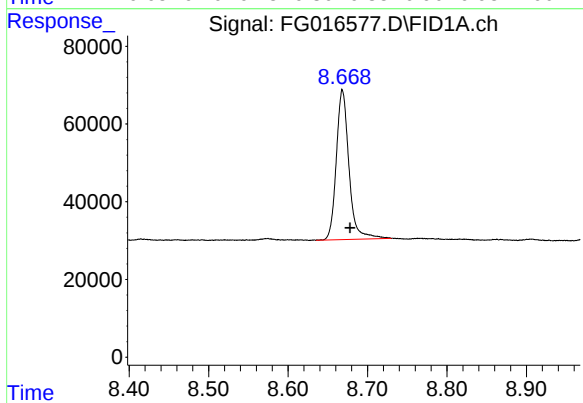
#2 n-Decane (C10)

R.T.: 4.647 min
Delta R.T.: -0.009 min
Response: 351087
Conc: 3.05 ug/ml



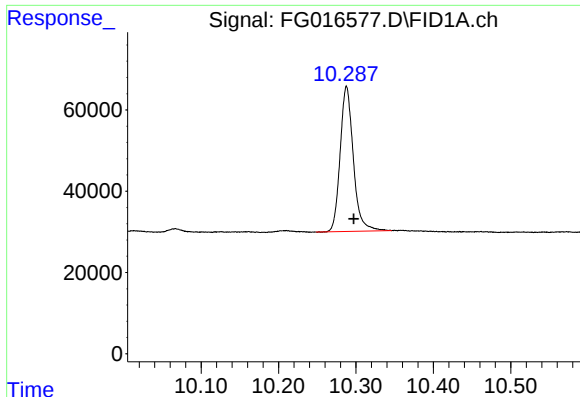
#4 n-Dodecane (C12)

R.T.: 6.828 min
Delta R.T.: -0.008 min
Response: 389316
Conc: 3.36 ug/ml



#6 n-Tetradecane (C14)

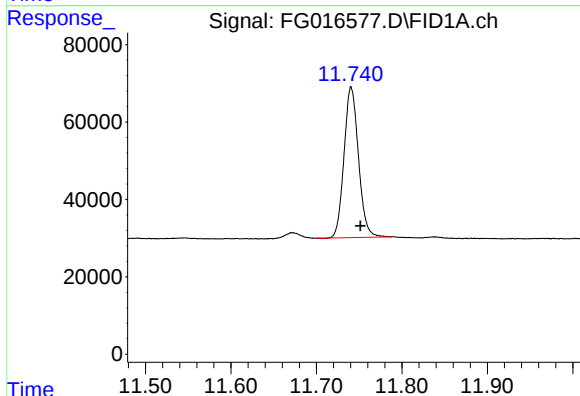
R.T.: 8.668 min
Delta R.T.: -0.009 min
Response: 427327
Conc: 3.70 ug/ml



#7 n-Hexadecane (C16)

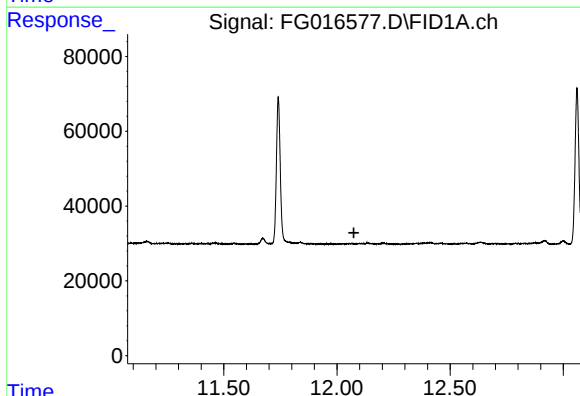
R.T.: 10.288 min
Delta R.T.: -0.010 min
Response: 422280
Conc: 3.54 ug/ml

Instrument :
FID_E
ClientSampleId :



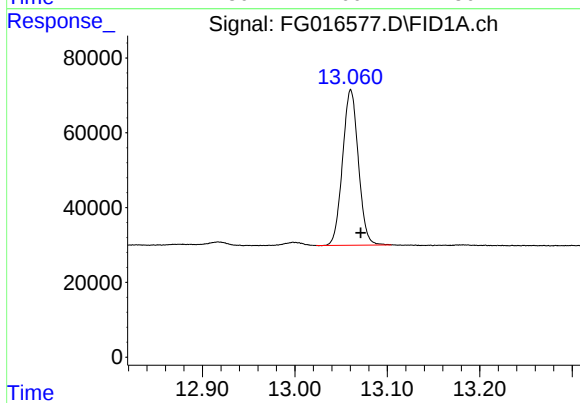
#8 n-Octadecane (C18)

R.T.: 11.741 min
Delta R.T.: -0.011 min
Response: 457092
Conc: 3.78 ug/ml



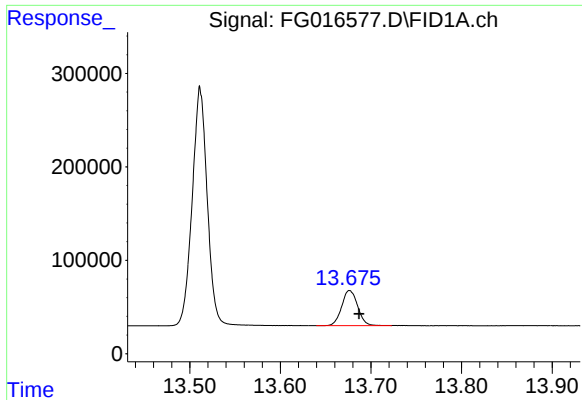
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.075 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

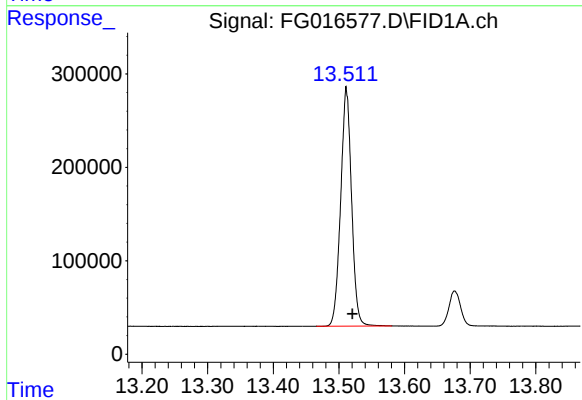
R.T.: 13.060 min
Delta R.T.: -0.011 min
Response: 493540
Conc: 4.23 ug/ml



#11 n-Heneicosane (C21)

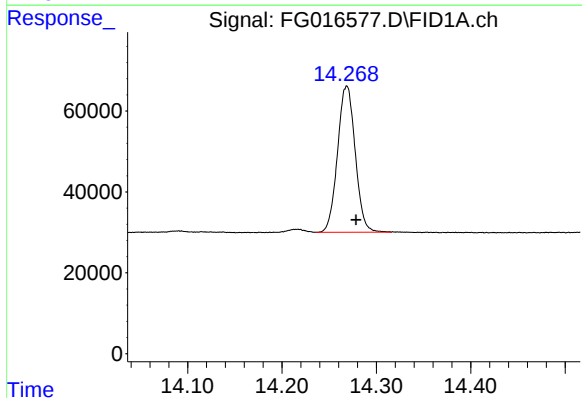
R.T.: 13.676 min
Delta R.T.: -0.011 min
Response: 459941
Conc: 4.00 ug/ml

Instrument :
FID_E
ClientSampleId :



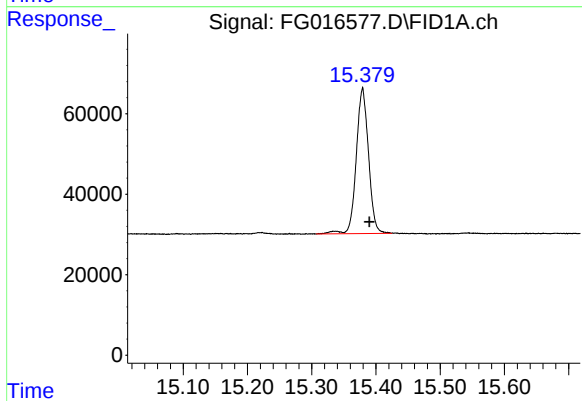
#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: -0.009 min
Response: 2938272
Conc: 29.19 ug/ml



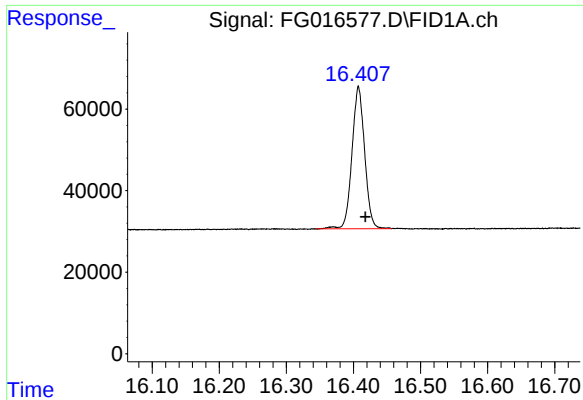
#13 n-Docosane (C22)

R.T.: 14.269 min
Delta R.T.: -0.010 min
Response: 469972
Conc: 4.11 ug/ml



#14 n-Tetracosane (C24)

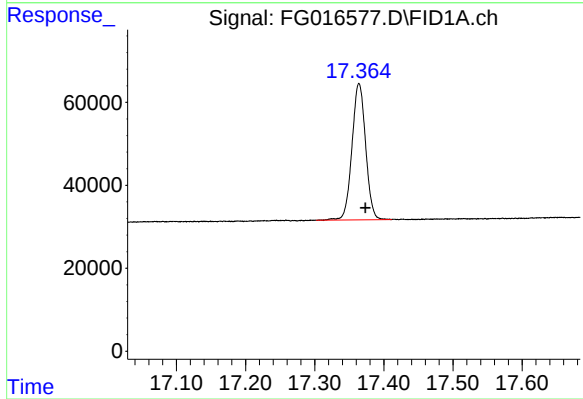
R.T.: 15.379 min
Delta R.T.: -0.011 min
Response: 478309
Conc: 4.20 ug/ml



#15 n-Hexacosane (C26)

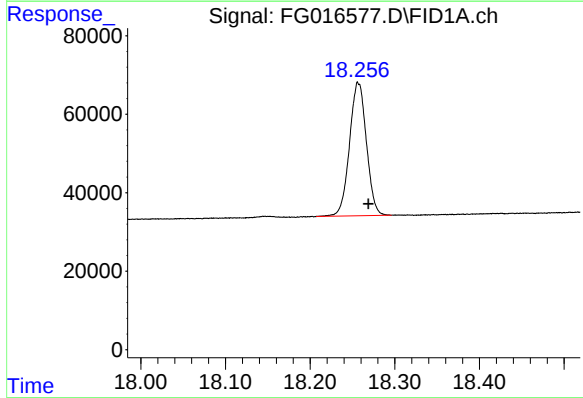
R.T.: 16.408 min
Delta R.T.: -0.010 min
Response: 457421
Conc: 4.12 ug/ml

Instrument :
FID_E
ClientSampleId :



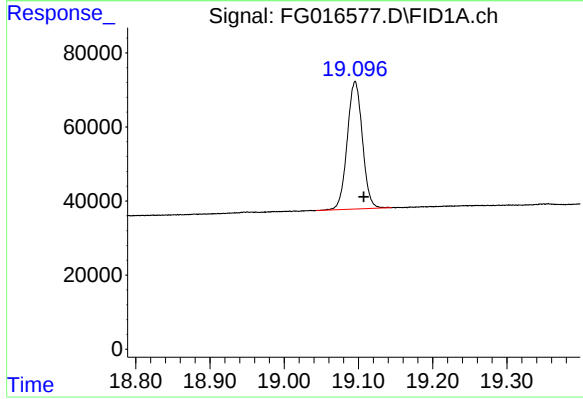
#16 n-Octacosane (C28)

R.T.: 17.364 min
Delta R.T.: -0.009 min
Response: 450605
Conc: 4.17 ug/ml



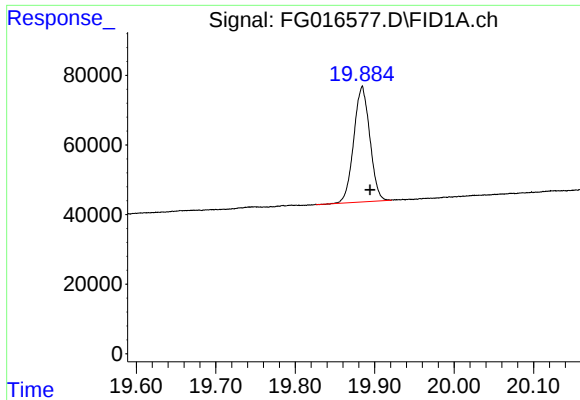
#17 n-Tricontane (C30)

R.T.: 18.257 min
Delta R.T.: -0.012 min
Response: 470646
Conc: 4.31 ug/ml



#18 n-Dotriacontane (C32)

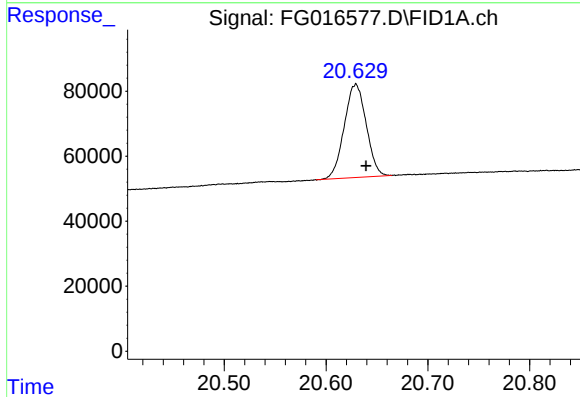
R.T.: 19.096 min
Delta R.T.: -0.011 min
Response: 487459
Conc: 4.64 ug/ml



#19 n-Tetratriacontane (C34)

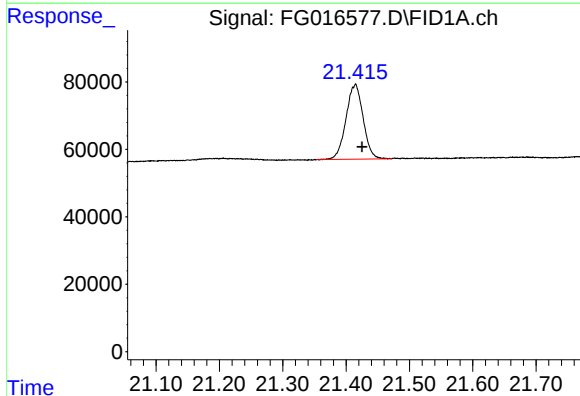
R.T.: 19.884 min
Delta R.T.: -0.010 min
Response: 465539
Conc: 4.85 ug/ml

Instrument :
FID_E
ClientSampleId :



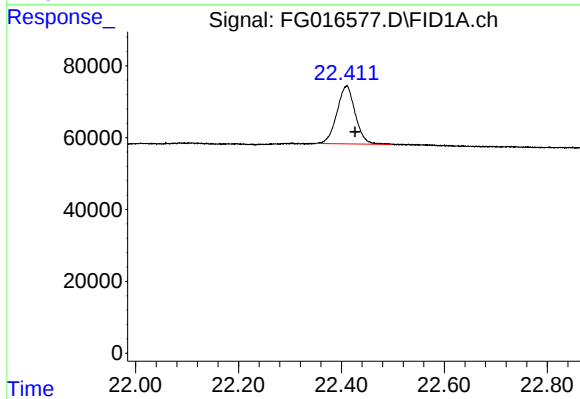
#20 n-Hexatriacontane (C36)

R.T.: 20.629 min
Delta R.T.: -0.010 min
Response: 431003
Conc: 5.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.415 min
Delta R.T.: -0.010 min
Response: 416779
Conc: 5.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.411 min
Delta R.T.: -0.016 min
Response: 398644
Conc: 5.37 ug/ml