

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100725AL\
 Data File : FG016766.D
 Signal(s) : FID1A.ch
 Acq On : 07 Oct 2025 17:13
 Operator : YP\AJ
 Sample : Q3296-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-04-10062025-E2

Integration File: autoint1.e
 Quant Time: Oct 08 04:53:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 03:11:55 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			
9) S ortho-Terphenyl (SURR)	12.055	3493588	22.372 ug/ml
Spiked Amount 50.000		Recovery =	44.74%
12) S 1-chlorooctadecane (S...	13.501	2878368	23.536 ug/ml
Spiked Amount 50.000		Recovery =	47.07%
Target Compounds			
6) T n-Tetradecane (C14)	8.658	66605	0.527 ug/ml
7) T n-Hexadecane (C16)	10.277	65034	0.488 ug/ml
8) T n-Octadecane (C18)	11.729	69570	0.495 ug/ml
10) T n-Eicosane (C20)	13.048	136902	0.974 ug/ml
11) T n-Heneicosane (C21)	13.666	42797	0.307 ug/ml
13) T n-Docosane (C22)	14.258	116921	0.823 ug/ml
14) T n-Tetracosane (C24)	15.359	264095	1.784 ug/ml
15) T n-Hexacosane (C26)	16.399	158385	1.065 ug/ml
16) T n-Octacosane (C28)	17.355	406619	2.756 ug/ml
17) T n-Tricontane (C30)	18.251	446486	3.001 ug/ml
18) T n-Dotriacontane (C32)	19.088	747065	5.270 ug/ml
19) T n-Tetratriacontane (C34)	19.879	1624571	13.085 ug/ml
20) T n-Hexatriacontane (C36)	20.623	2514986	24.398 ug/ml
21) T n-Octatriacontane (C38)	21.406	2590520	28.462 ug/ml
22) T n-Tetracontane (C40)	22.380	360750	4.298 ug/ml

(f)=RT Delta > 1/2 Window

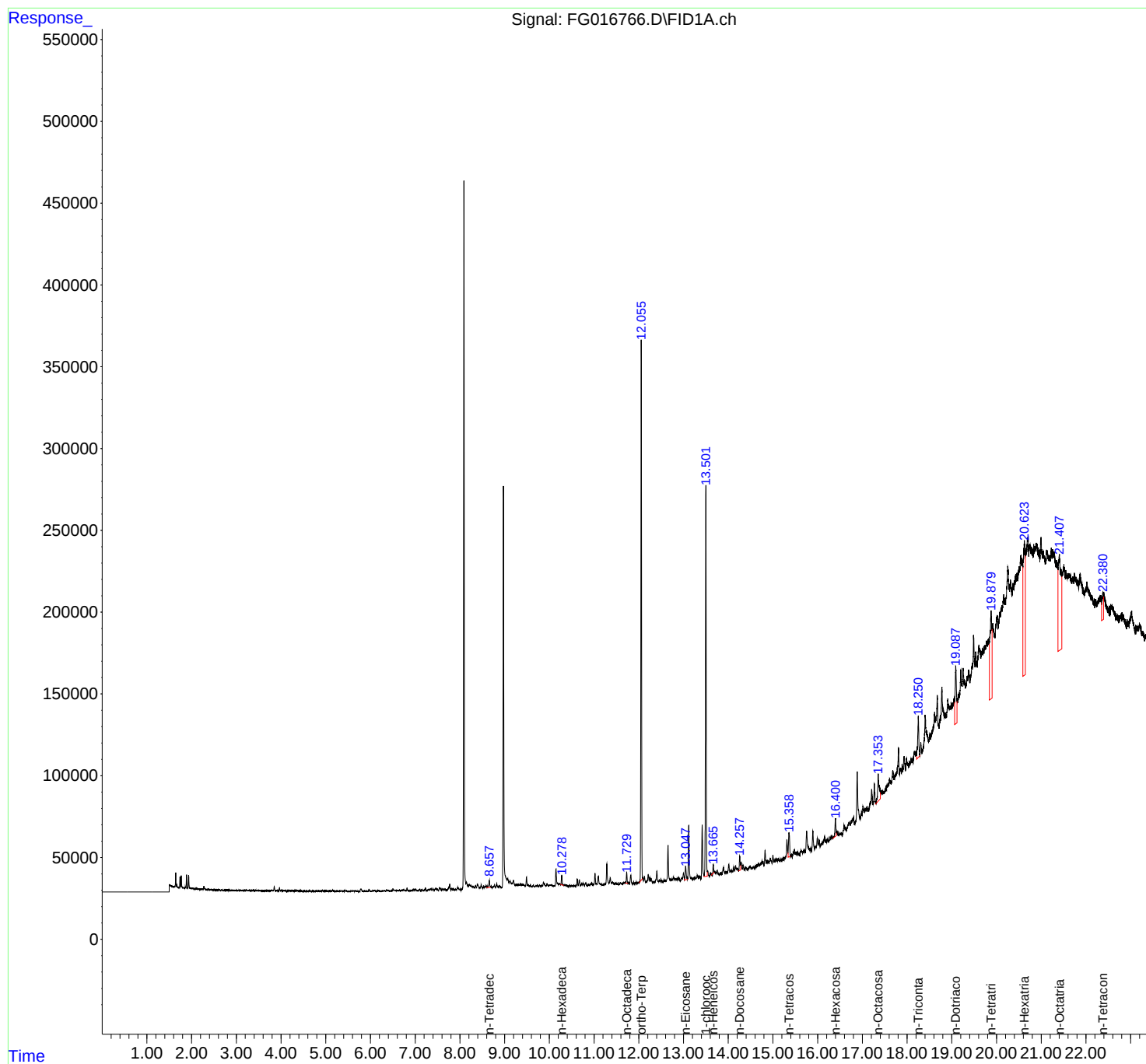
(m)=manual int.

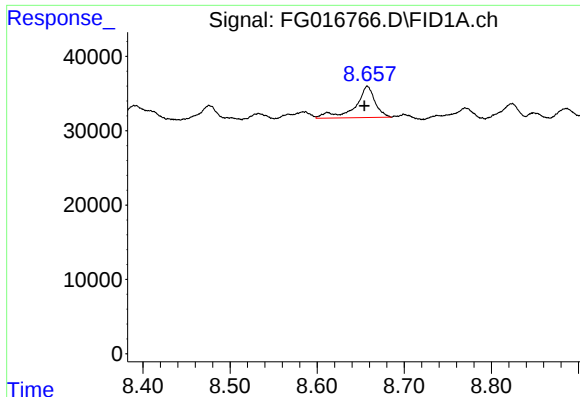
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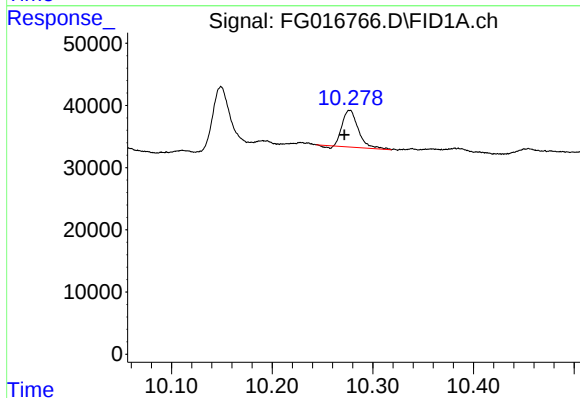




#6 n-Tetradecane (C14)

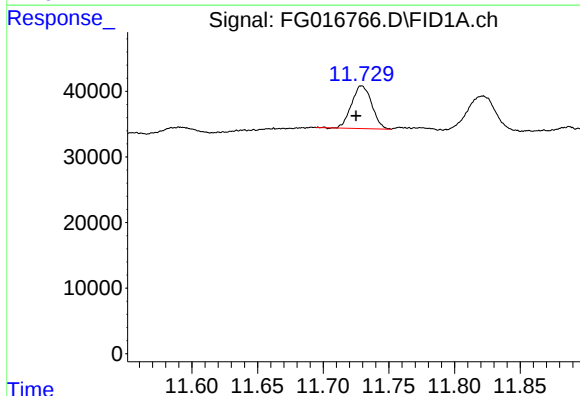
R.T.: 8.658 min
Delta R.T.: 0.003 min
Response: 66605
Conc: 0.53 ug/ml

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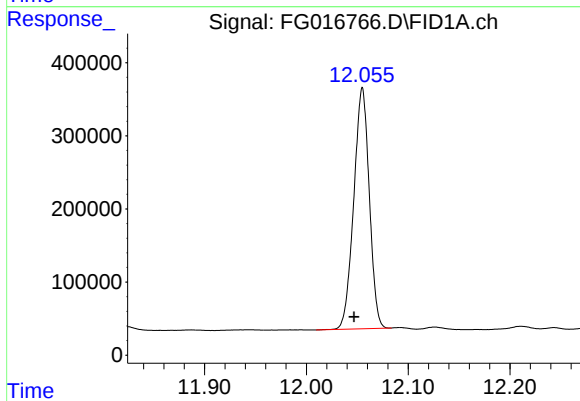
#7 n-Hexadecane (C16)

R.T.: 10.277 min
Delta R.T.: 0.005 min
Response: 65034
Conc: 0.49 ug/ml



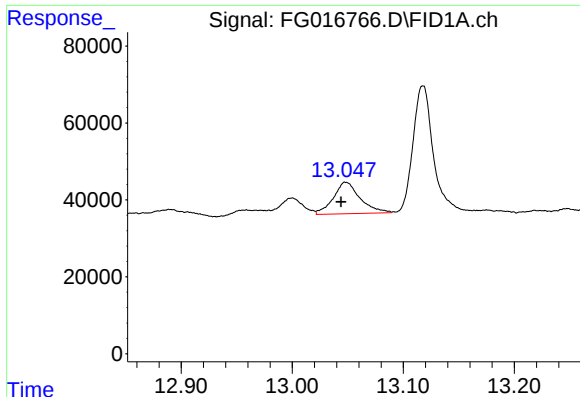
#8 n-Octadecane (C18)

R.T.: 11.729 min
Delta R.T.: 0.004 min
Response: 69570
Conc: 0.49 ug/ml



#9 ortho-Terphenyl (SURR)

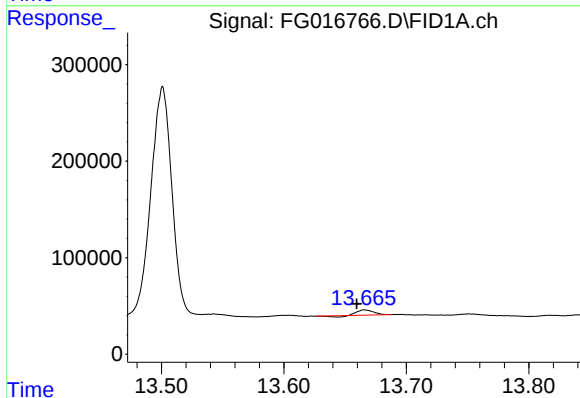
R.T.: 12.055 min
Delta R.T.: 0.008 min
Response: 3493588
Conc: 22.37 ug/ml



#10 n-Eicosane (C20)

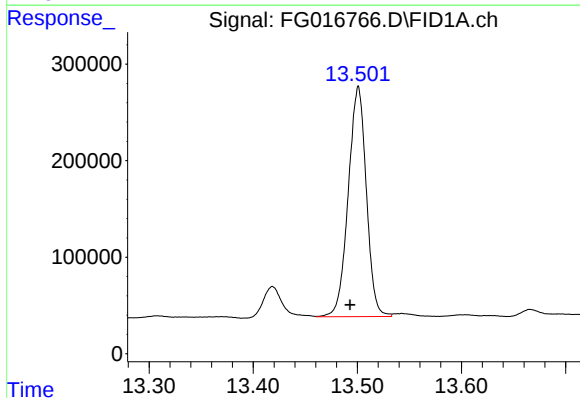
R.T.: 13.048 min
Delta R.T.: 0.004 min
Response: 136902
Conc: 0.97 ug/ml

Instrument :
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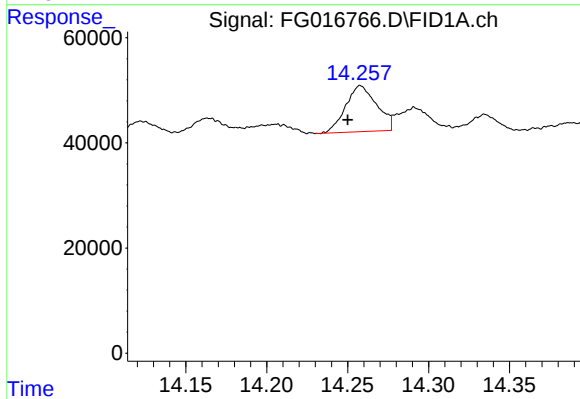
#11 n-Heneicosane (C21)

R.T.: 13.666 min
Delta R.T.: 0.006 min
Response: 42797
Conc: 0.31 ug/ml



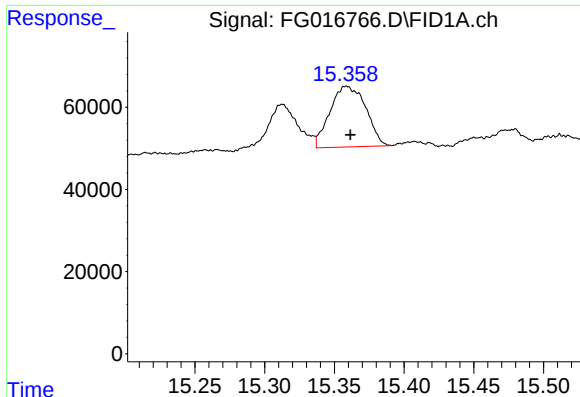
#12 1-chlorooctadecane (SURR)

R.T.: 13.501 min
Delta R.T.: 0.008 min
Response: 2878368
Conc: 23.54 ug/ml



#13 n-Docosane (C22)

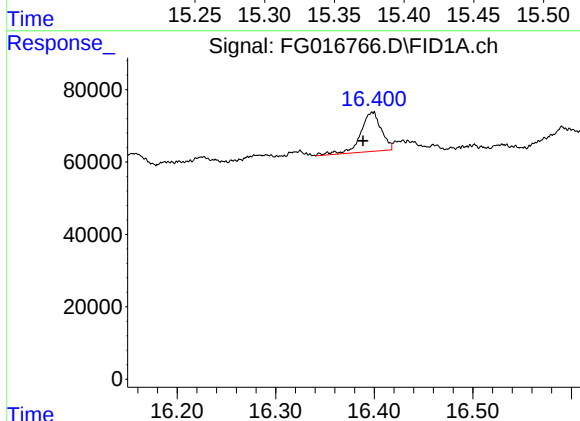
R.T.: 14.258 min
Delta R.T.: 0.008 min
Response: 116921
Conc: 0.82 ug/ml



#14 n-Tetracosane (C24)

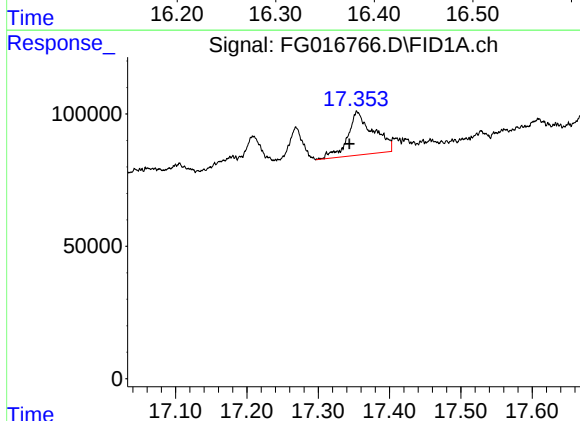
R.T.: 15.359 min
Delta R.T.: -0.003 min
Response: 264095
Conc: 1.78 ug/ml

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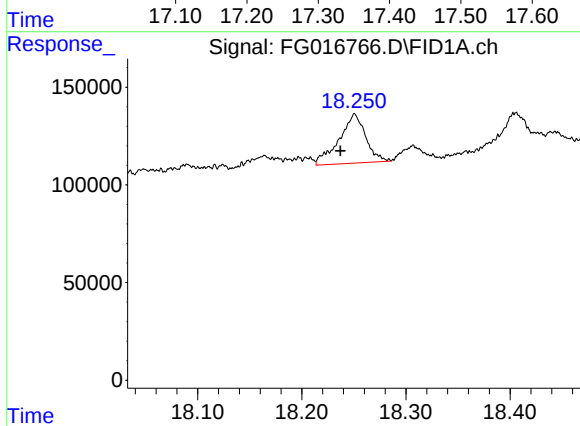
#15 n-Hexacosane (C26)

R.T.: 16.399 min
Delta R.T.: 0.010 min
Response: 158385
Conc: 1.06 ug/ml



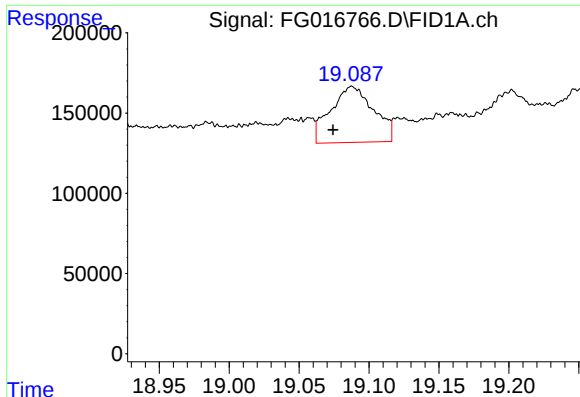
#16 n-Octacosane (C28)

R.T.: 17.355 min
Delta R.T.: 0.011 min
Response: 406619
Conc: 2.76 ug/ml



#17 n-Tricontane (C30)

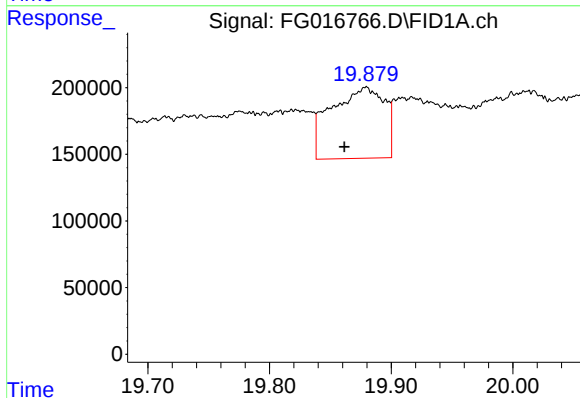
R.T.: 18.251 min
Delta R.T.: 0.014 min
Response: 446486
Conc: 3.00 ug/ml



#18 n-Dotriacontane (C32)

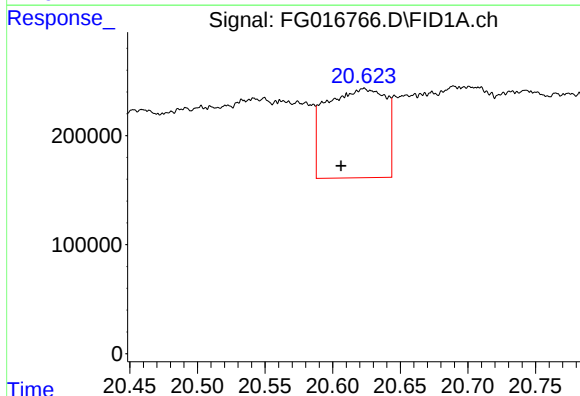
R.T.: 19.088 min
Delta R.T.: 0.013 min
Response: 747065
Conc: 5.27 ug/ml

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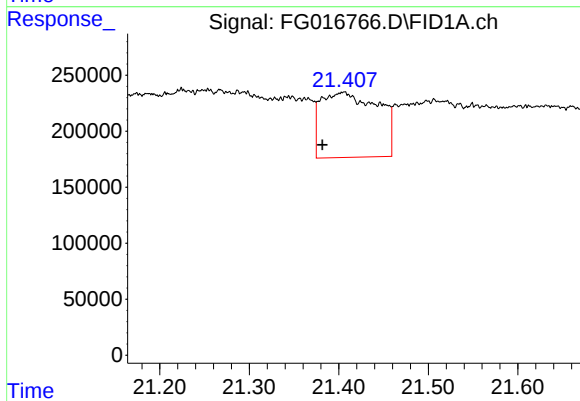
#19 n-Tetratriacontane (C34)

R.T.: 19.879 min
Delta R.T.: 0.018 min
Response: 1624571
Conc: 13.09 ug/ml



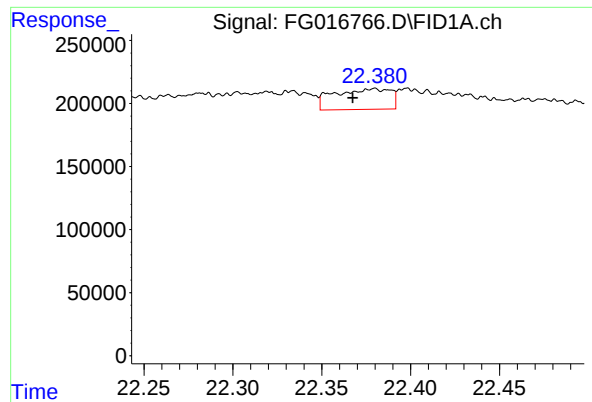
#20 n-Hexatriacontane (C36)

R.T.: 20.623 min
Delta R.T.: 0.017 min
Response: 2514986
Conc: 24.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.406 min
Delta R.T.: 0.024 min
Response: 2590520
Conc: 28.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.380 min
Delta R.T.: 0.012 min
Response: 360750
Conc: 4.30 ug/ml

Instrument :

FID_E

ClientSampleId :

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