

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
 Data File : FE054710.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2025 17:32
 Operator : YP\AJ
 Sample : Q2487-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 G2(6-12)

Integration File: autoint1.e
 Quant Time: Jul 08 03:32:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.083	5056687	31.138 ug/ml
Spiked Amount 50.000		Recovery =	62.28%
12) S 1-chlorooctadecane (S...	13.474	125096	0.991 ug/ml
Spiked Amount 50.000		Recovery =	1.98%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.397	27926	0.184 ug/ml
6) T n-Tetradecane (C14)	8.689	34625	0.250 ug/ml
8) T n-Octadecane (C18)	11.745	33915	0.231 ug/ml
10) T n-Eicosane (C20)	13.023	147880	1.028 ug/ml
11) T n-Heneicosane (C21)	13.629	129477	0.906 ug/ml
13) T n-Docosane (C22)	14.214	138383	0.969 ug/ml
14) T n-Tetracosane (C24)	15.370	391654	2.694 ug/ml
15) T n-Hexacosane (C26)	16.386	76209	0.527 ug/ml
16) T n-Octacosane (C28)	17.275f	116840	0.802 ug/ml
17) T n-Tricontane (C30)	18.213	134382	0.853 ug/ml
18) T n-Dotriacontane (C32)	19.036	70367	0.435 ug/ml
19) T n-Tetratriacontane (C34)	19.838	24667	0.162 ug/ml
20) T n-Hexatriacontane (C36)	20.607	465532	3.462 ug/ml
21) T n-Octatriacontane (C38)	21.347	177135	1.510 ug/ml
22) T n-Tetracontane (C40)	22.304	336644	3.106 ug/ml

(f)=RT Delta > 1/2 Window

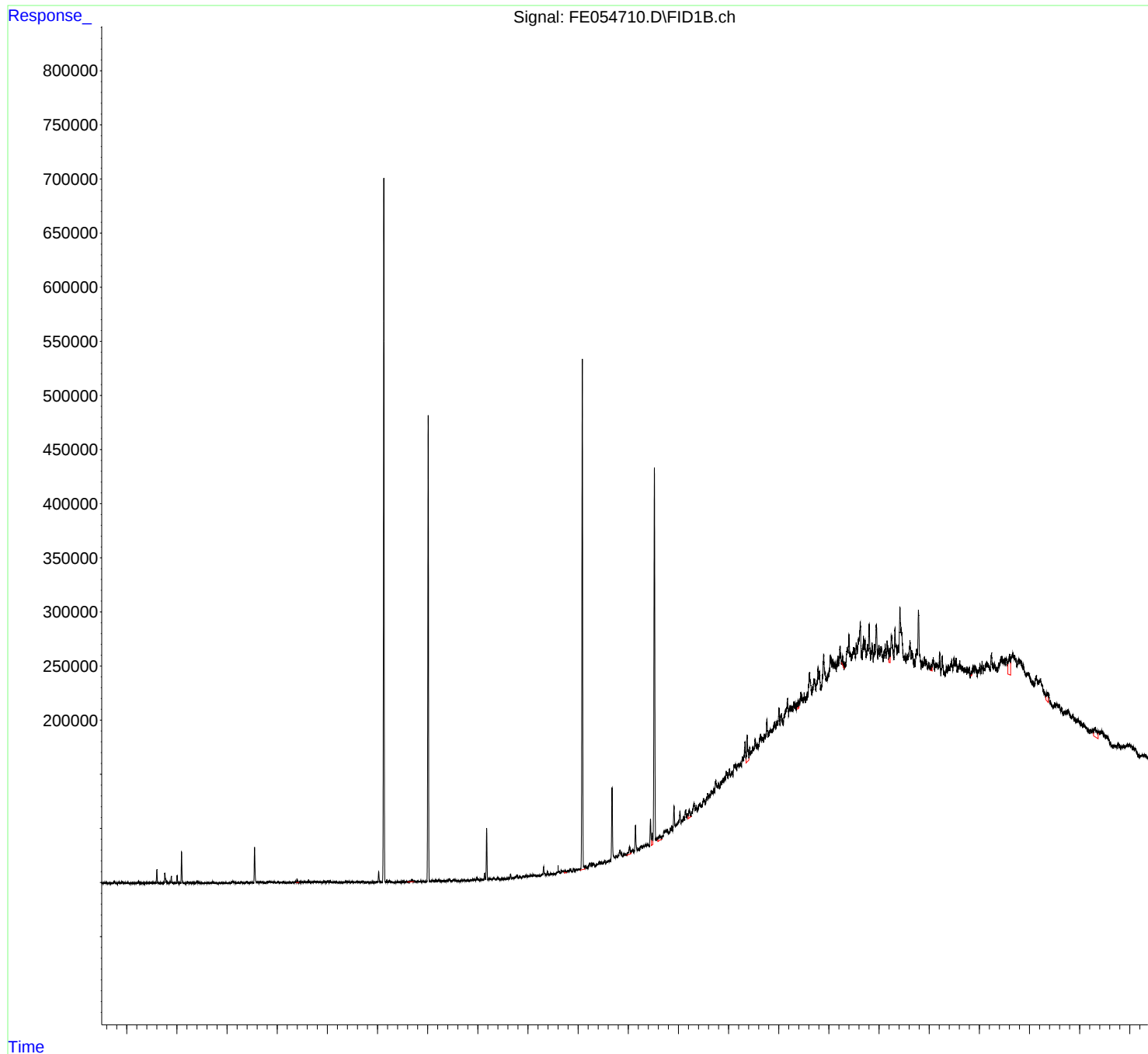
(m)=manual int.

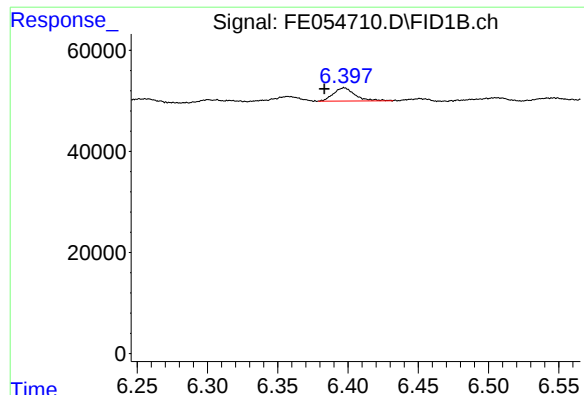
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
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Signal Info : 20M x 0.18mm x 0.18um

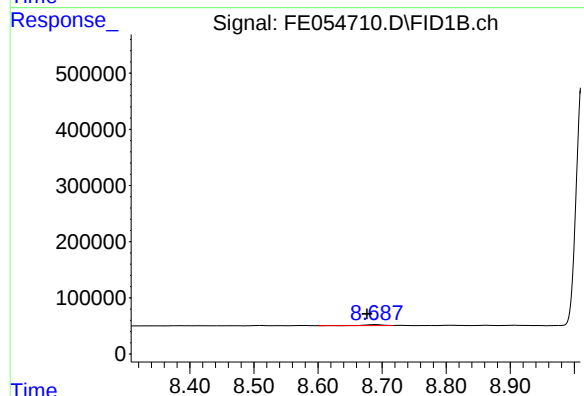




#3 A~Naphthalene (C11.7)

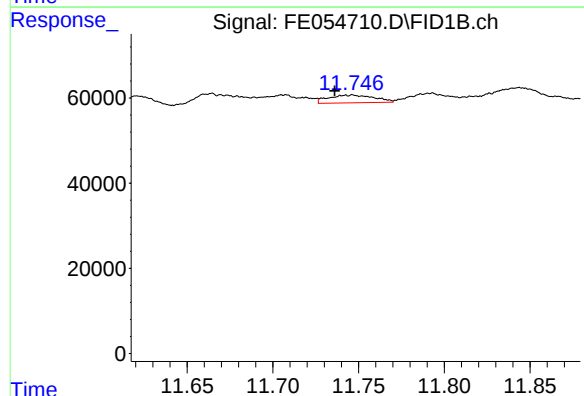
R.T.: 6.397 min
Delta R.T.: 0.014 min
Response: 27926
Conc: 0.18 ug/ml

Instrument :
FID_E
ClientSampleId :
G2(6-12)



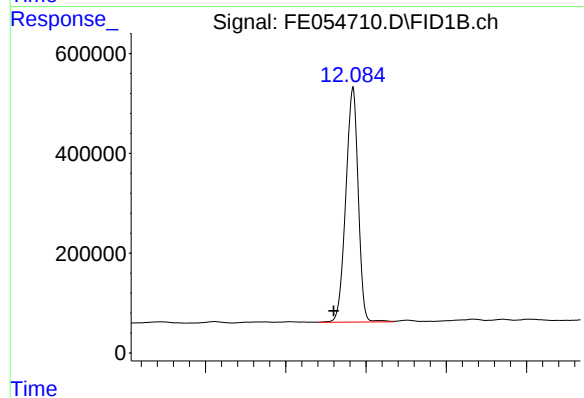
#6 n-Tetradecane (C14)

R.T.: 8.689 min
Delta R.T.: 0.012 min
Response: 34625
Conc: 0.25 ug/ml



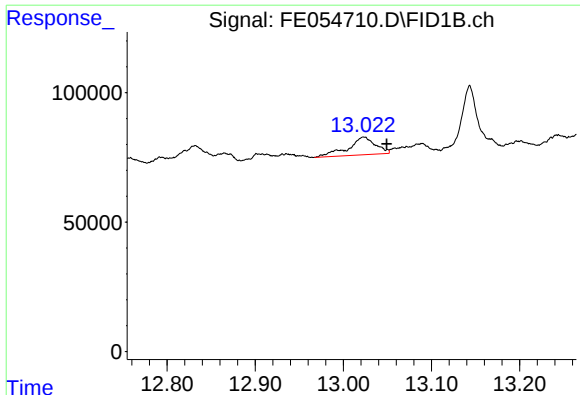
#8 n-Octadecane (C18)

R.T.: 11.745 min
Delta R.T.: 0.009 min
Response: 33915
Conc: 0.23 ug/ml



#9 ortho-Terphenyl (SURR)

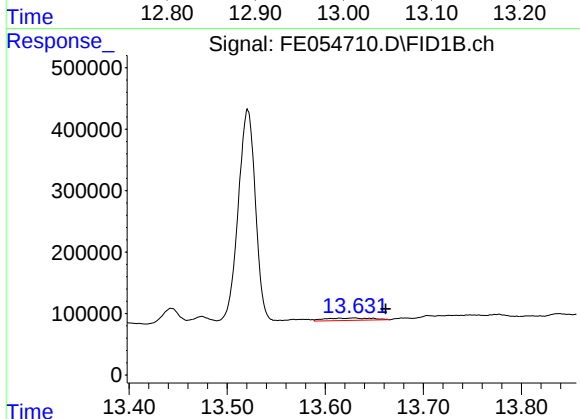
R.T.: 12.083 min
Delta R.T.: 0.024 min
Response: 5056687
Conc: 31.14 ug/ml



#10 n-Eicosane (C20)

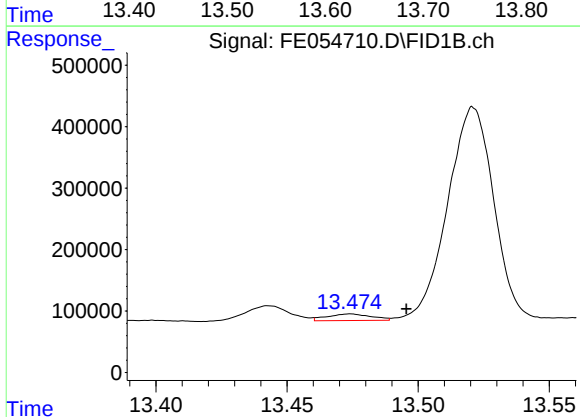
R.T.: 13.023 min
Delta R.T.: -0.026 min
Response: 147880
Conc: 1.03 ug/ml

Instrument :
FID_E
ClientSampleId :
G2(6-12)



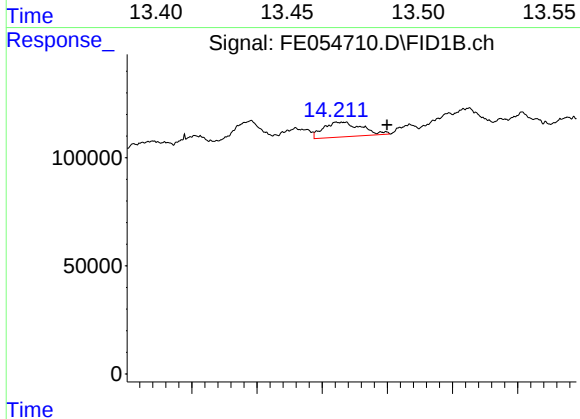
#11 n-Heneicosane (C21)

R.T.: 13.629 min
Delta R.T.: -0.033 min
Response: 129477
Conc: 0.91 ug/ml



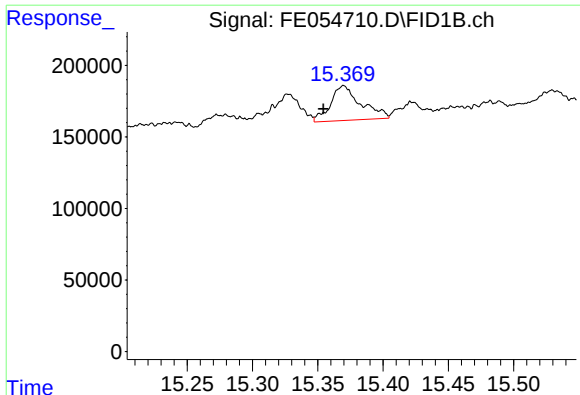
#12 1-chlorooctadecane (SURR)

R.T.: 13.474 min
Delta R.T.: -0.021 min
Response: 125096
Conc: 0.99 ug/ml



#13 n-Docosane (C22)

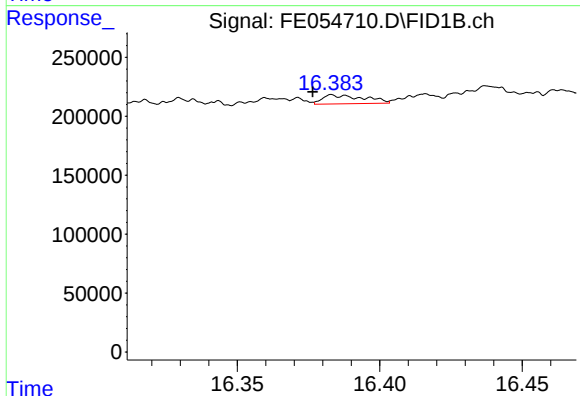
R.T.: 14.214 min
Delta R.T.: -0.035 min
Response: 138383
Conc: 0.97 ug/ml



#14 n-Tetracosane (C24)

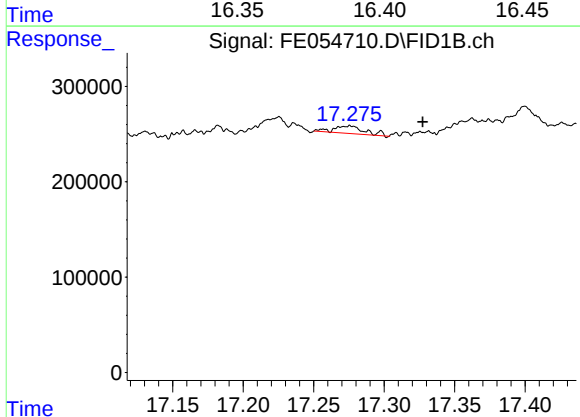
R.T.: 15.370 min
Delta R.T.: 0.015 min
Response: 391654
Conc: 2.69 ug/ml

Instrument :
FID_E
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G2(6-12)



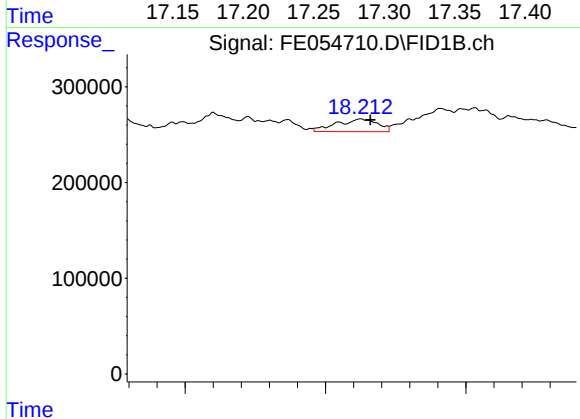
#15 n-Hexacosane (C26)

R.T.: 16.386 min
Delta R.T.: 0.009 min
Response: 76209
Conc: 0.53 ug/ml



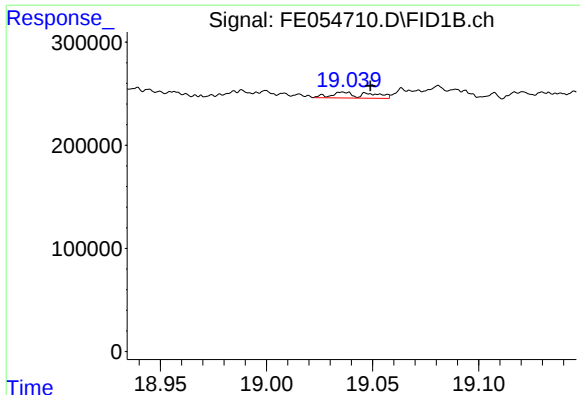
#16 n-Octacosane (C28)

R.T.: 17.275 min
Delta R.T.: -0.052 min
Response: 116840
Conc: 0.80 ug/ml



#17 n-Tricontane (C30)

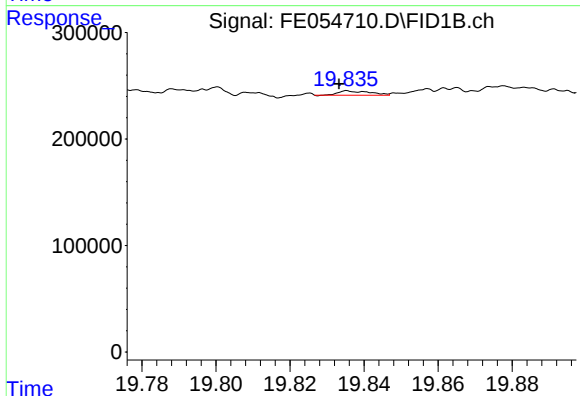
R.T.: 18.213 min
Delta R.T.: -0.003 min
Response: 134382
Conc: 0.85 ug/ml



#18 n-Dotriacontane (C32)

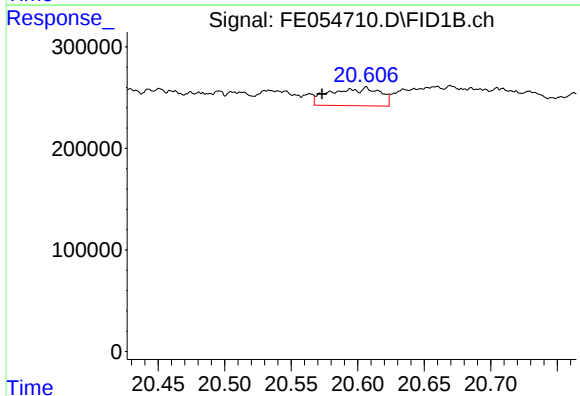
R.T.: 19.036 min
Delta R.T.: -0.013 min
Response: 70367
Conc: 0.43 ug/ml

Instrument :
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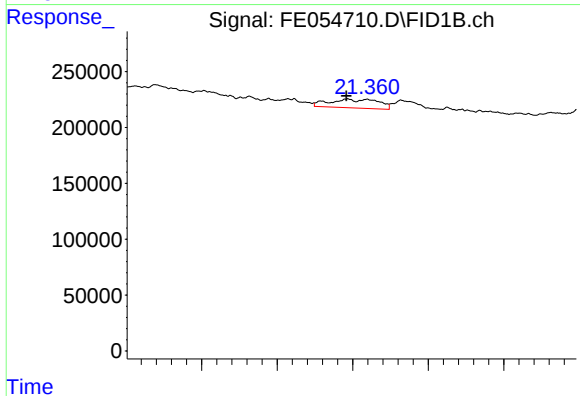
#19 n-Tetratriacontane (C34)

R.T.: 19.838 min
Delta R.T.: 0.005 min
Response: 24667
Conc: 0.16 ug/ml



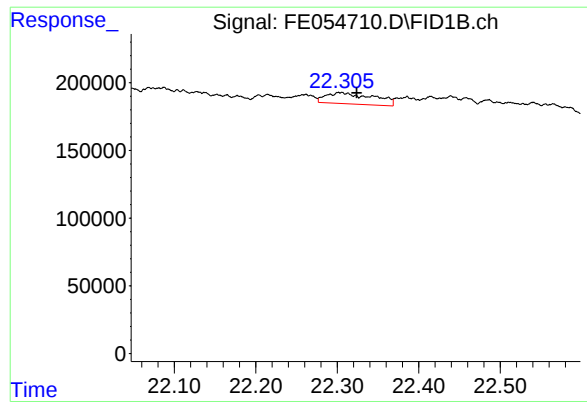
#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: 0.034 min
Response: 465532
Conc: 3.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.347 min
Delta R.T.: 0.000 min
Response: 177135
Conc: 1.51 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 22.304 min

Delta R.T.: -0.020 min

Response: 336644

Conc: 3.11 ug/ml

Instrument :

FID_E

ClientSampleId :

G2(6-12)