

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
 Data File : FE054806.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 10:49
 Operator : YP\AJ
 Sample : Q2546-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-02-7-9-2025DL

Integration File: autoint1.e
 Quant Time: Jul 12 02:08:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.080	745815	4.593 ug/ml
Spiked Amount 50.000		Recovery =	9.19%
12) S 1-chlorooctadecane (S...	13.517	679109	5.377 ug/ml
Spiked Amount 50.000		Recovery =	10.75%
Target Compounds			
4) T n-Dodecane (C12)	6.853	23000	0.168 ug/ml
6) T n-Tetradecane (C14)	8.693	94127	0.679 ug/ml
7) T n-Hexadecane (C16)	10.306	41282	0.290 ug/ml
8) T n-Octadecane (C18)	11.754	61531	0.420 ug/ml
10) T n-Eicosane (C20)	13.068	58236	0.405 ug/ml
11) T n-Heneicosane (C21)	13.683	20972	0.147 ug/ml
13) T n-Docosane (C22)	14.272	31583	0.221 ug/ml
14) T n-Tetracosane (C24)	15.368	250585	1.724 ug/ml
15) T n-Hexacosane (C26)	16.402	14124	0.098 ug/ml
16) T n-Octacosane (C28)	17.372	135818	0.932 ug/ml
17) T n-Tricontane (C30)	18.245	162871	1.034 ug/ml
18) T n-Dotriacontane (C32)	19.079	127375	0.787 ug/ml
19) T n-Tetratriacontane (C34)	19.865	107782	0.707 ug/ml
20) T n-Hexatriacontane (C36)	20.603	38977	0.290 ug/ml
21) T n-Octatriacontane (C38)	21.381	239512	2.042 ug/ml
22) T n-Tetracontane (C40)	22.380	80267	0.741 ug/ml

(f)=RT Delta > 1/2 Window

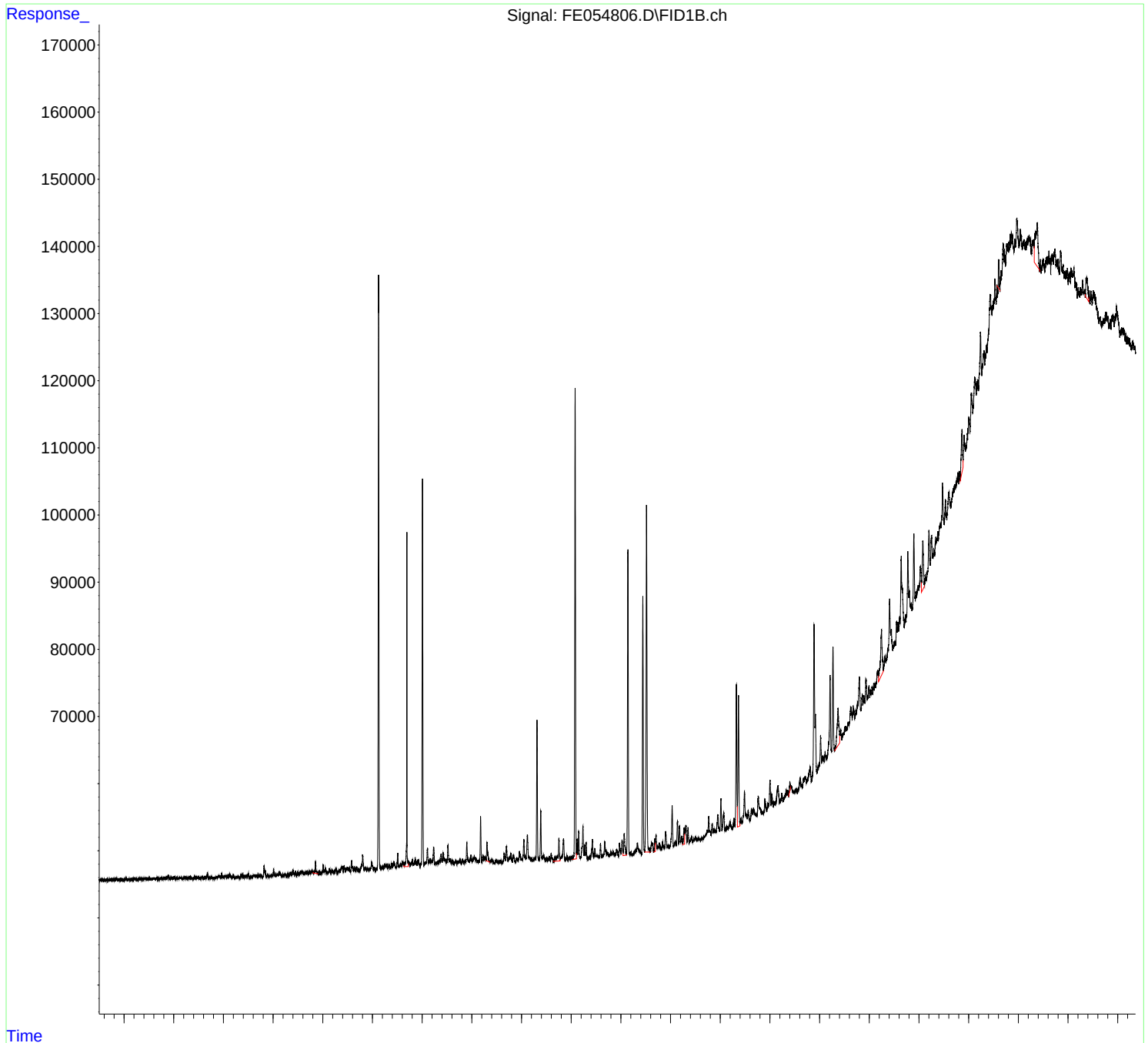
(m)=manual int.

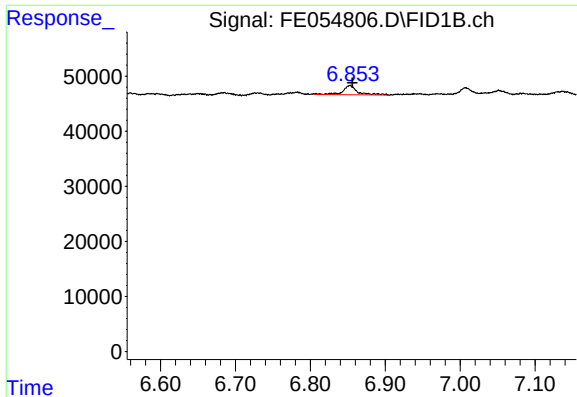
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
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Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

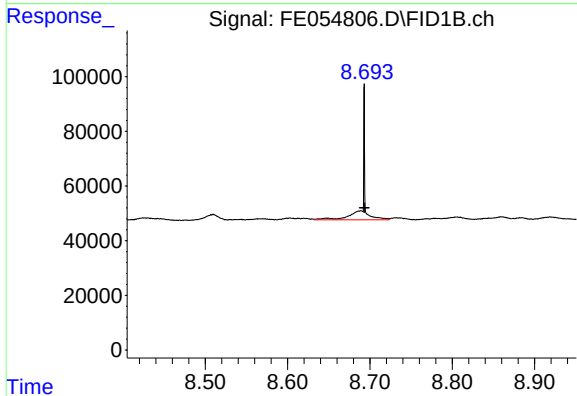




#4 n-Dodecane (C12)

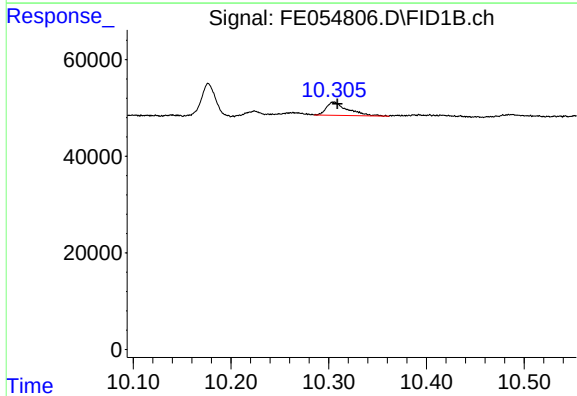
R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 23000
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-7-9-2025DL



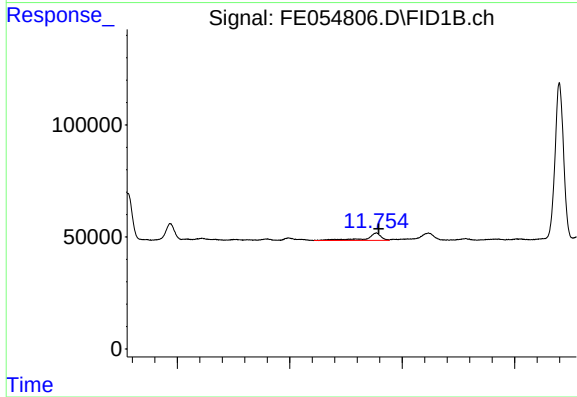
#6 n-Tetradecane (C14)

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 94127
Conc: 0.68 ug/ml



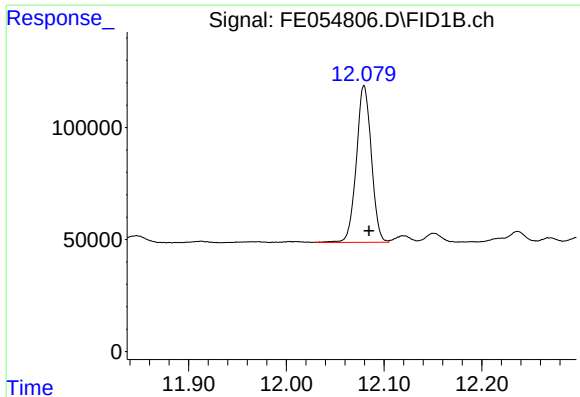
#7 n-Hexadecane (C16)

R.T.: 10.306 min
Delta R.T.: -0.003 min
Response: 41282
Conc: 0.29 ug/ml



#8 n-Octadecane (C18)

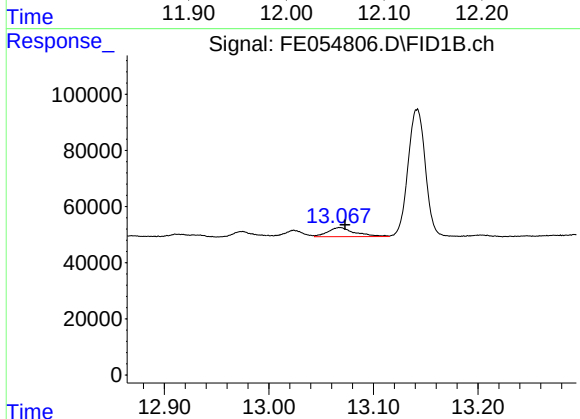
R.T.: 11.754 min
Delta R.T.: -0.005 min
Response: 61531
Conc: 0.42 ug/ml



#9 ortho-Terphenyl (SURR)

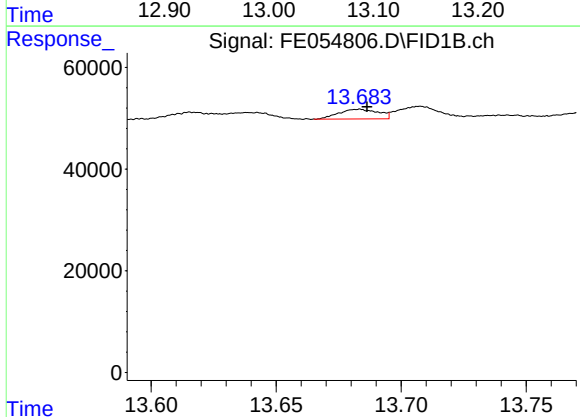
R.T.: 12.080 min
Delta R.T.: -0.005 min
Response: 745815
Conc: 4.59 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-7-9-2025DL



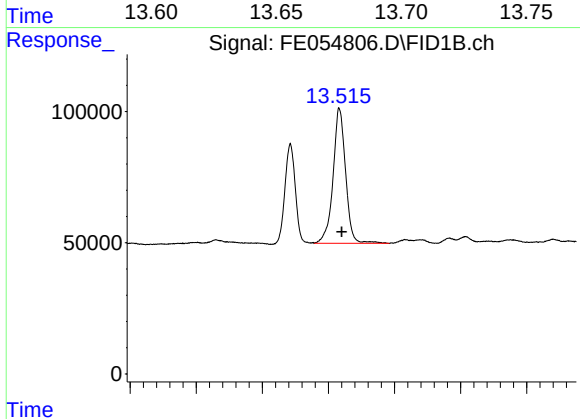
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.005 min
Response: 58236
Conc: 0.40 ug/ml



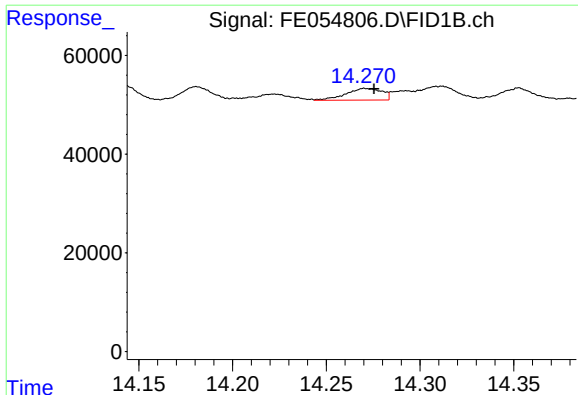
#11 n-Heneicosane (C21)

R.T.: 13.683 min
Delta R.T.: -0.003 min
Response: 20972
Conc: 0.15 ug/ml



#12 1-chlorooctadecane (SURR)

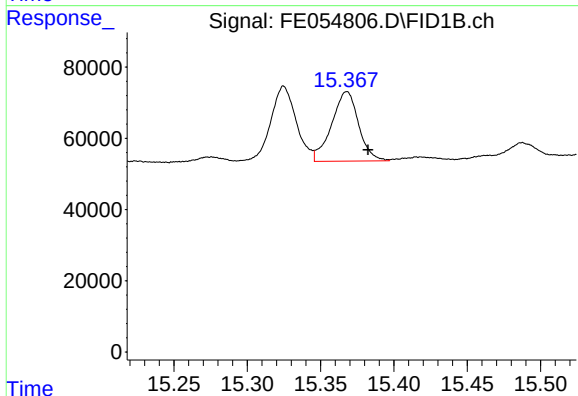
R.T.: 13.517 min
Delta R.T.: -0.003 min
Response: 679109
Conc: 5.38 ug/ml



#13 n-Docosane (C22)

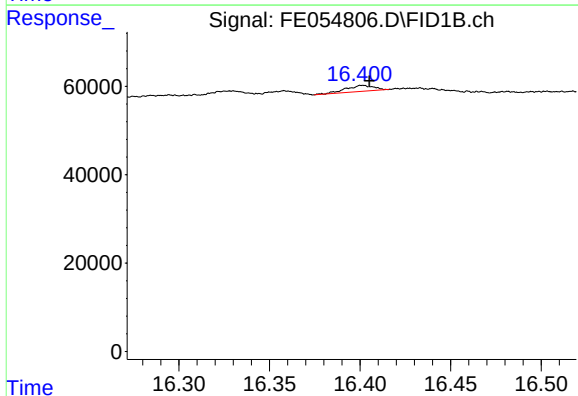
R.T.: 14.272 min
Delta R.T.: -0.004 min
Response: 31583
Conc: 0.22 ug/ml

Instrument :
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ClientSampleId :
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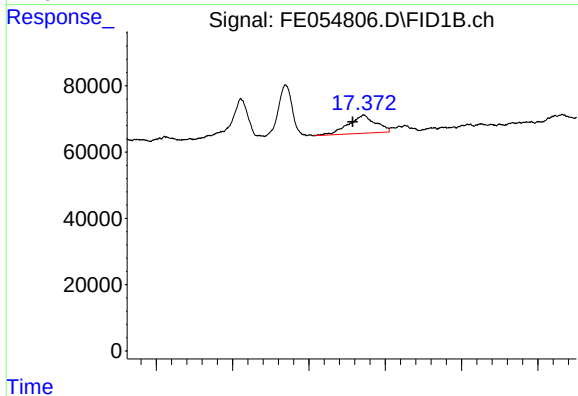
#14 n-Tetracosane (C24)

R.T.: 15.368 min
Delta R.T.: -0.015 min
Response: 250585
Conc: 1.72 ug/ml



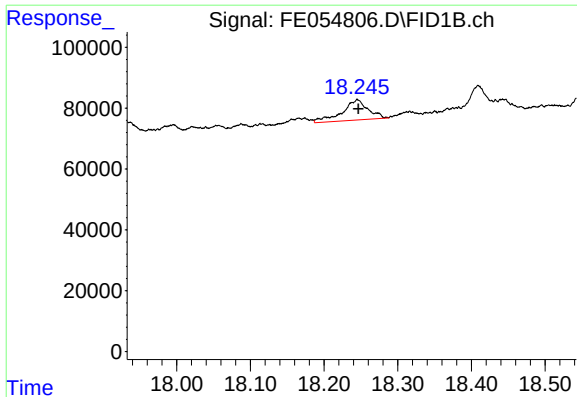
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 14124
Conc: 0.10 ug/ml



#16 n-Octacosane (C28)

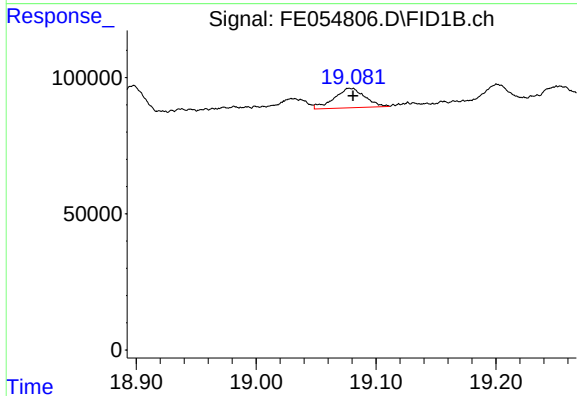
R.T.: 17.372 min
Delta R.T.: 0.014 min
Response: 135818
Conc: 0.93 ug/ml



#17 n-Tricontane (C30)

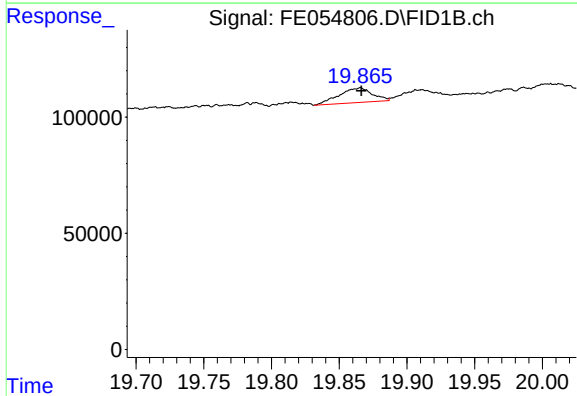
R.T.: 18.245 min
Delta R.T.: -0.001 min
Response: 162871
Conc: 1.03 ug/ml

Instrument :
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ClientSampleId :
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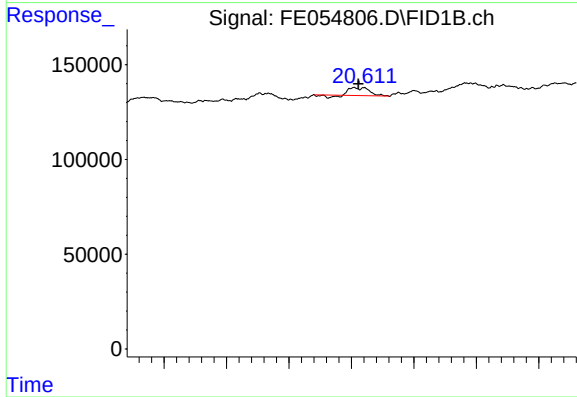
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: -0.002 min
Response: 127375
Conc: 0.79 ug/ml



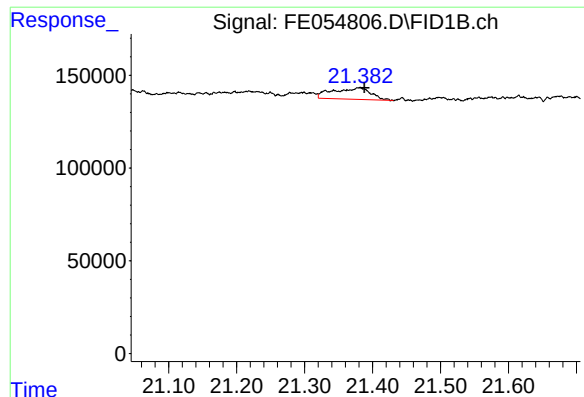
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: -0.001 min
Response: 107782
Conc: 0.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.603 min
Delta R.T.: -0.002 min
Response: 38977
Conc: 0.29 ug/ml



#21 n-Octatriacontane (C38)

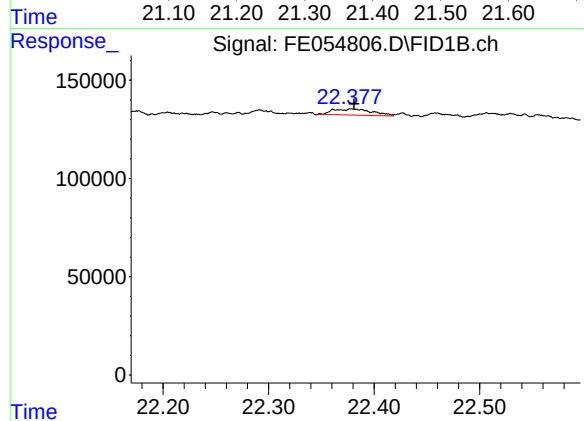
R.T.: 21.381 min
Delta R.T.: -0.007 min
Response: 239512
Conc: 2.04 ug/ml

Instrument :

FID_E

ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 22.380 min
Delta R.T.: -0.001 min
Response: 80267
Conc: 0.74 ug/ml