

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072325AL\
 Data File : FE055001.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2025 21:56
 Operator : YP\AJ
 Sample : Q2677-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OK-02-07222025-E2

Integration File: autoint1.e
 Quant Time: Jul 24 04:37:42 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)	12.090	4265460	26.266 ug/ml
Spiked Amount 50.000		Recovery =	52.53%
12) S 1-chlorooctadecane (S...	13.525	3388293	26.829 ug/ml
Spiked Amount 50.000		Recovery =	53.66%
Target Compounds			
6) T n-Tetradecane (C14)	8.695	71148	0.513 ug/ml
7) T n-Hexadecane (C16)	10.311	88054	0.618 ug/ml
8) T n-Octadecane (C18)	11.761	99990	0.682 ug/ml
10) T n-Eicosane (C20)	13.073	153177	1.065 ug/ml
11) T n-Heneicosane (C21)	13.689	52701	0.369 ug/ml
13) T n-Docosane (C22)	14.277	136740	0.958 ug/ml
14) T n-Tetracosane (C24)	15.377	217743	1.498 ug/ml
15) T n-Hexacosane (C26)	16.409	47690	0.330 ug/ml
16) T n-Octacosane (C28)	17.359	87684	0.602 ug/ml
17) T n-Tricontane (C30)	18.250	254857	1.617 ug/ml
18) T n-Dotriacontane (C32)	19.090	321456	1.987 ug/ml
19) T n-Tetratriacontane (C34)	19.890	616741	4.047 ug/ml
20) T n-Hexatriacontane (C36)	20.613	232465	1.729 ug/ml
21) T n-Octatriacontane (C38)	21.388	287754	2.453 ug/ml
22) T n-Tetracontane (C40)	22.371	308426	2.846 ug/ml

(f)=RT Delta > 1/2 Window

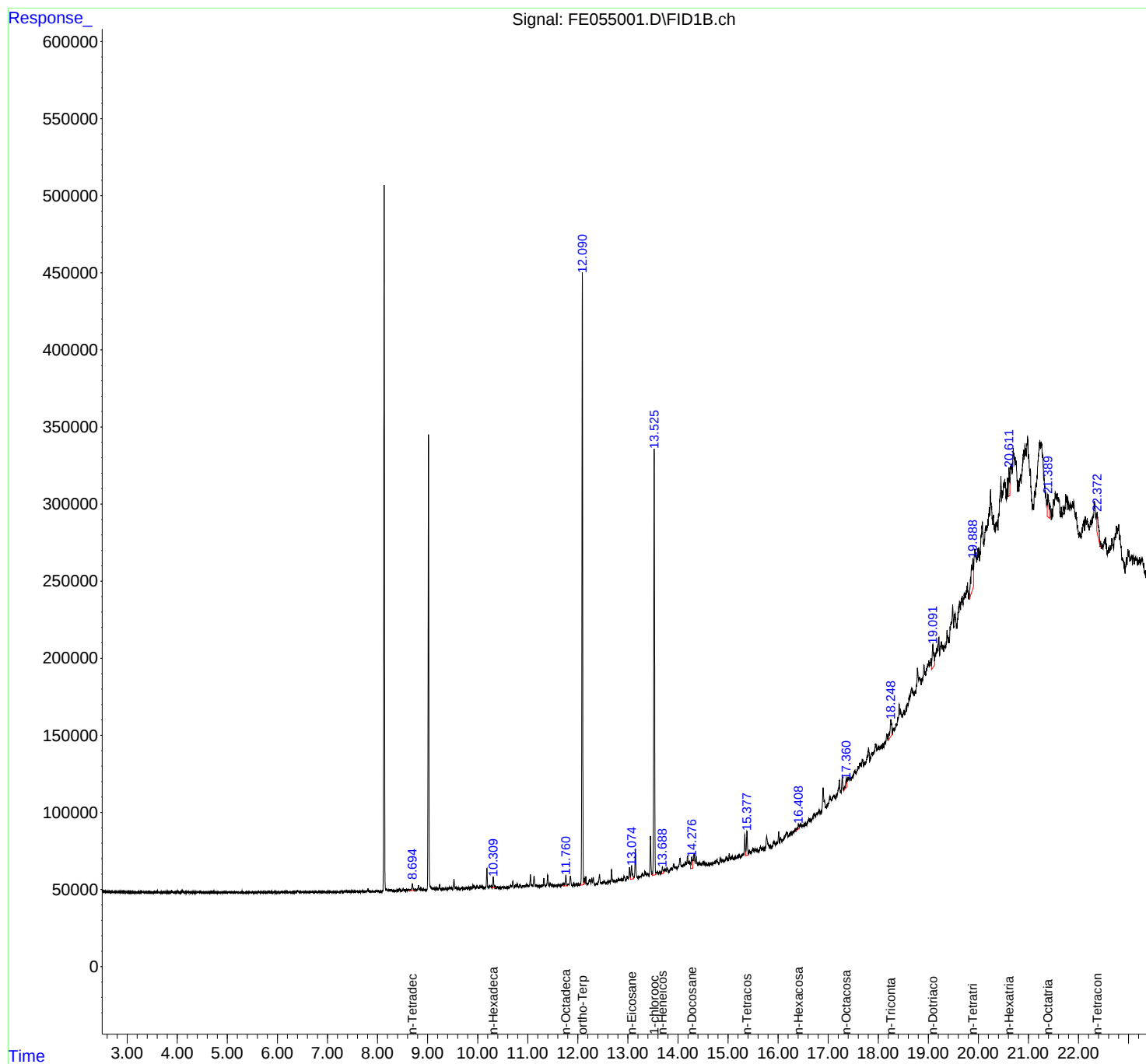
(m)=manual int.

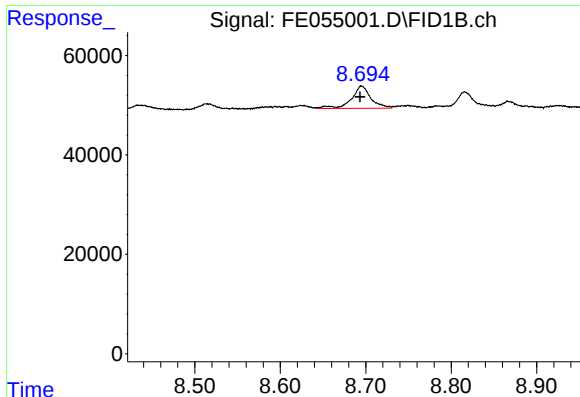
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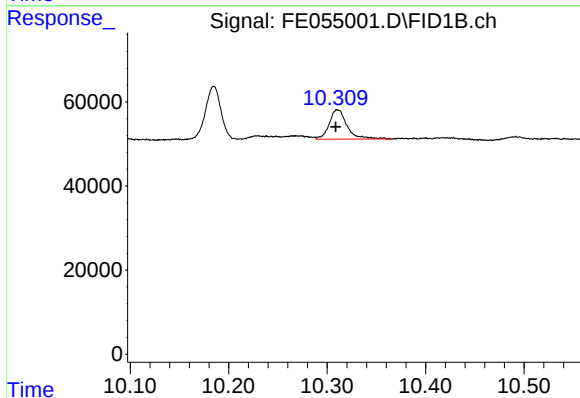




#6 n-Tetradecane (C14)

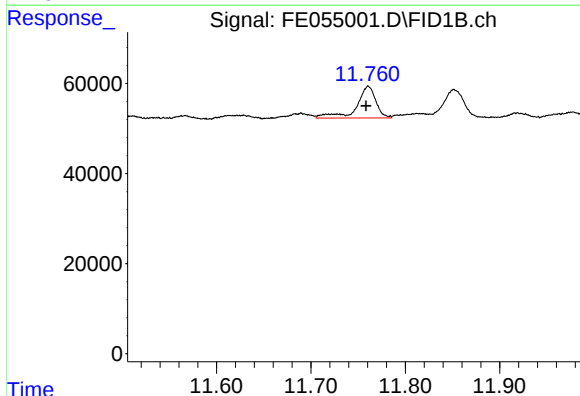
R.T.: 8.695 min
Delta R.T.: 0.002 min
Response: 71148
Conc: 0.51 ug/ml

Instrument :
FID_E
ClientSampleId :
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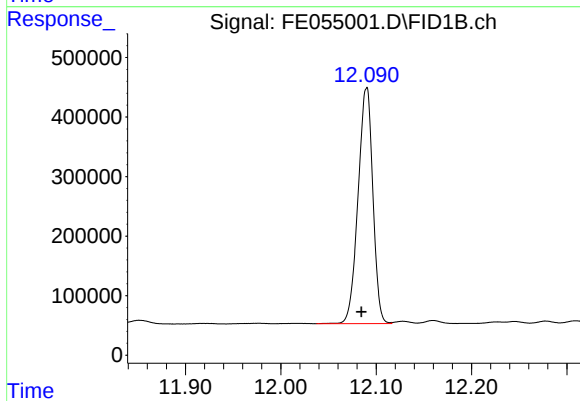
#7 n-Hexadecane (C16)

R.T.: 10.311 min
Delta R.T.: 0.002 min
Response: 88054
Conc: 0.62 ug/ml



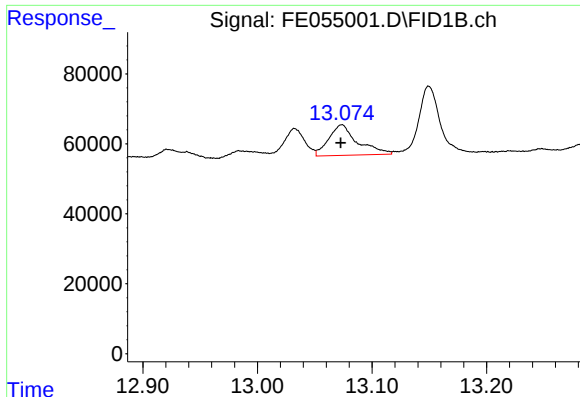
#8 n-Octadecane (C18)

R.T.: 11.761 min
Delta R.T.: 0.002 min
Response: 99990
Conc: 0.68 ug/ml



#9 ortho-Terphenyl (SURR)

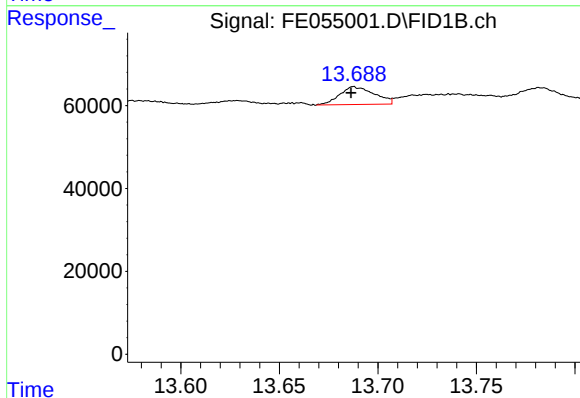
R.T.: 12.090 min
Delta R.T.: 0.005 min
Response: 4265460
Conc: 26.27 ug/ml



#10 n-Eicosane (C20)

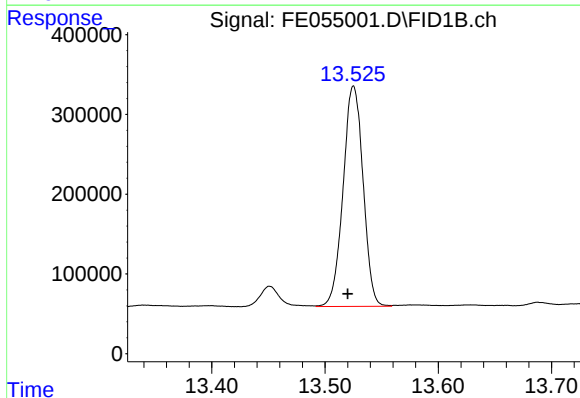
R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 153177
Conc: 1.07 ug/ml

Instrument :
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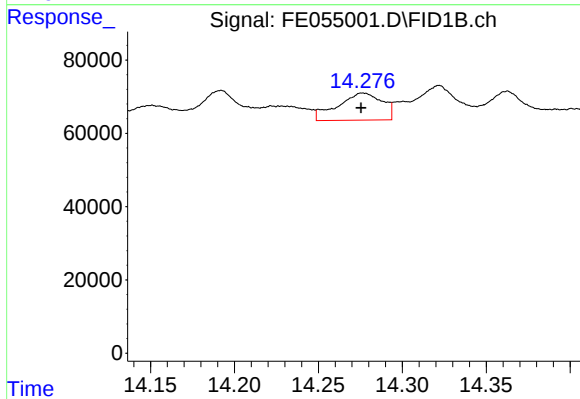
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.002 min
Response: 52701
Conc: 0.37 ug/ml



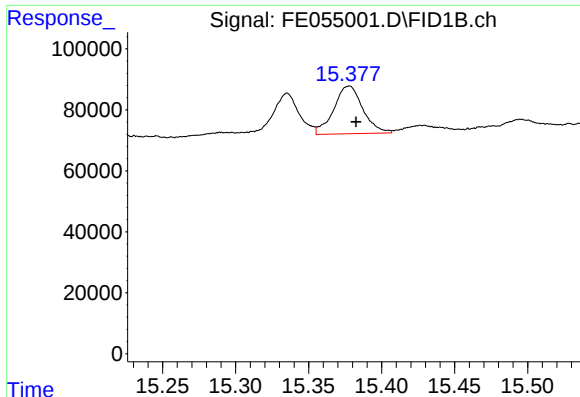
#12 1-chlorooctadecane (SURR)

R.T.: 13.525 min
Delta R.T.: 0.005 min
Response: 3388293
Conc: 26.83 ug/ml



#13 n-Docosane (C22)

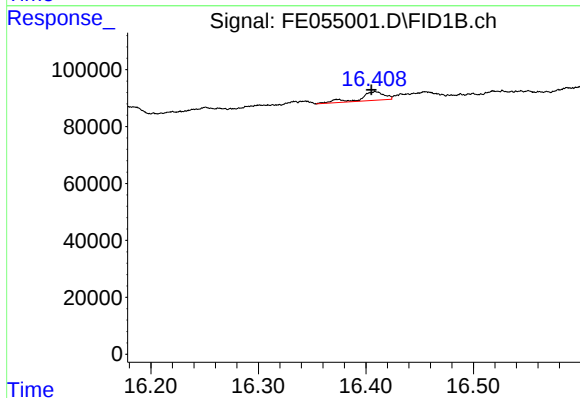
R.T.: 14.277 min
Delta R.T.: 0.001 min
Response: 136740
Conc: 0.96 ug/ml



#14 n-Tetracosane (C24)

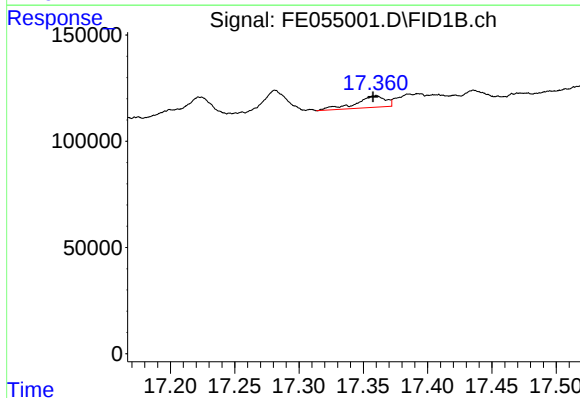
R.T.: 15.377 min
Delta R.T.: -0.005 min
Response: 217743
Conc: 1.50 ug/ml

Instrument :
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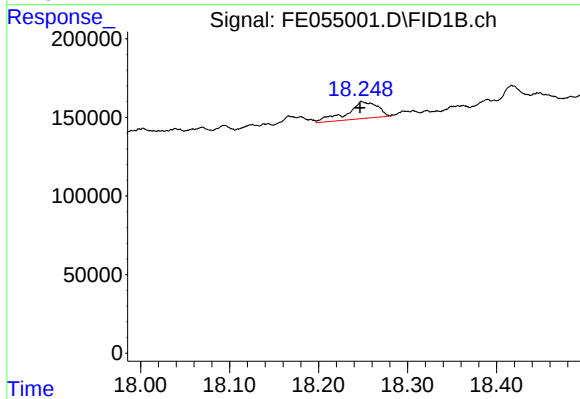
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.003 min
Response: 47690
Conc: 0.33 ug/ml



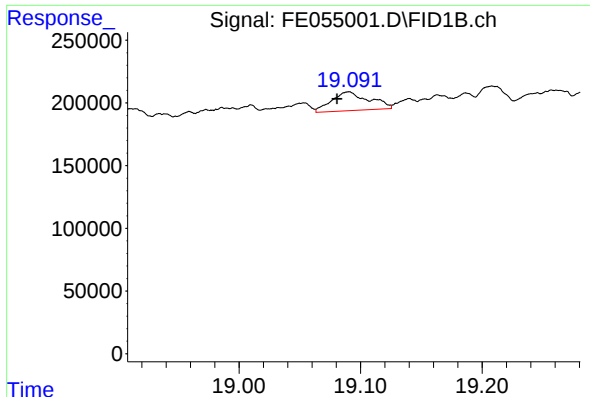
#16 n-Octacosane (C28)

R.T.: 17.359 min
Delta R.T.: 0.002 min
Response: 87684
Conc: 0.60 ug/ml



#17 n-Tricontane (C30)

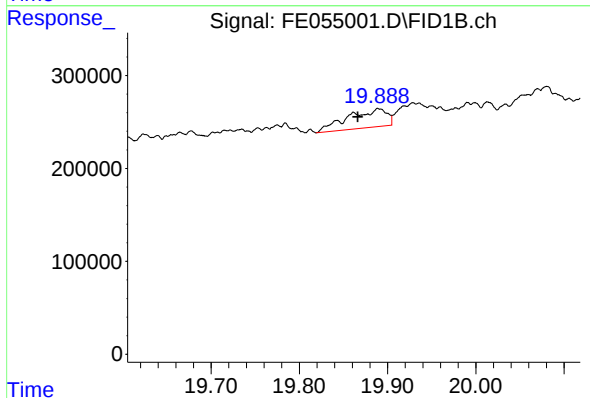
R.T.: 18.250 min
Delta R.T.: 0.003 min
Response: 254857
Conc: 1.62 ug/ml



#18 n-Dotriacontane (C32)

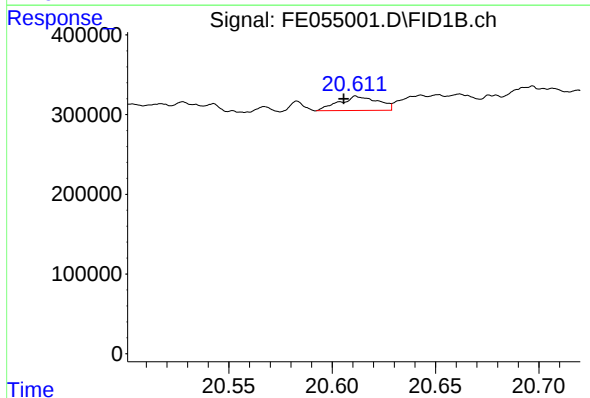
R.T.: 19.090 min
Delta R.T.: 0.009 min
Response: 321456
Conc: 1.99 ug/ml

Instrument :
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ClientSampleId :
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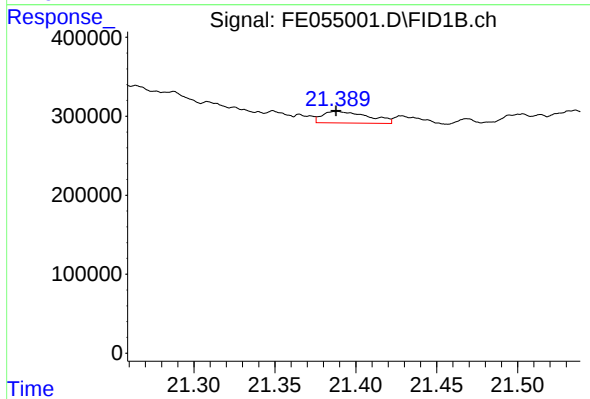
#19 n-Tetratriacontane (C34)

R.T.: 19.890 min
Delta R.T.: 0.024 min
Response: 616741
Conc: 4.05 ug/ml



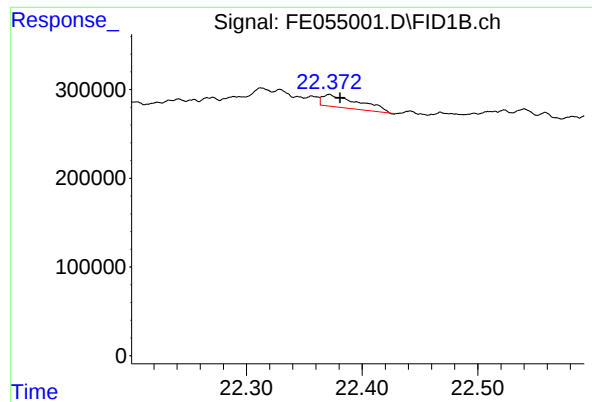
#20 n-Hexatriacontane (C36)

R.T.: 20.613 min
Delta R.T.: 0.008 min
Response: 232465
Conc: 1.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.388 min
Delta R.T.: 0.000 min
Response: 287754
Conc: 2.45 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 22.371 min
Delta R.T.: -0.009 min
Response: 308426
Conc: 2.85 ug/ml

Instrument :

FID_E

ClientSampleId :

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