

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121525AL\
 Data File : FE057339.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2025 16:53
 Operator : YP\AJ
 Sample : Q3861-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 16 03:38:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.928	5685879	25.911 ug/ml
Spiked Amount 50.000		Recovery =	51.82%
12) S 1-chlorooctadecane (S...	13.365	4969982	29.863 ug/ml
Spiked Amount 50.000		Recovery =	59.73%
Target Compounds			
4) T n-Dodecane (C12)	6.714	191602	0.939 ug/ml
5) T A~2-methylnaphthalene...	7.363	285912	1.488 ug/ml
6) T n-Tetradecane (C14)	8.545	1011387	5.025 ug/ml
7) T n-Hexadecane (C16)	10.157	1144039	5.579 ug/ml
8) T n-Octadecane (C18)	11.603	1256454	6.096 ug/ml
10) T n-Eicosane (C20)	12.917	989655	5.031 ug/ml
11) T n-Heneicosane (C21)	13.530	560973	2.920 ug/ml
13) T n-Docosane (C22)	14.118	541106	2.803 ug/ml
14) T n-Tetracosane (C24)	15.234	1403910	7.088 ug/ml
15) T n-Hexacosane (C26)	16.248	281782	1.420 ug/ml
16) T n-Octacosane (C28)	17.197	131675	0.641 ug/ml
17) T n-Tricontane (C30)	18.090	458740	2.044 ug/ml
18) T n-Dotriacontane (C32)	18.928	1150313	4.928 ug/ml
19) T n-Tetratriacontane (C34)	19.737	332749	1.558 ug/ml
20) T n-Hexatriacontane (C36)	20.457	415281	2.231 ug/ml
21) T n-Octatriacontane (C38)	21.196	224023	1.293 ug/ml
22) T n-Tetracontane (C40)	22.126	260488	1.546 ug/ml

(f)=RT Delta > 1/2 Window

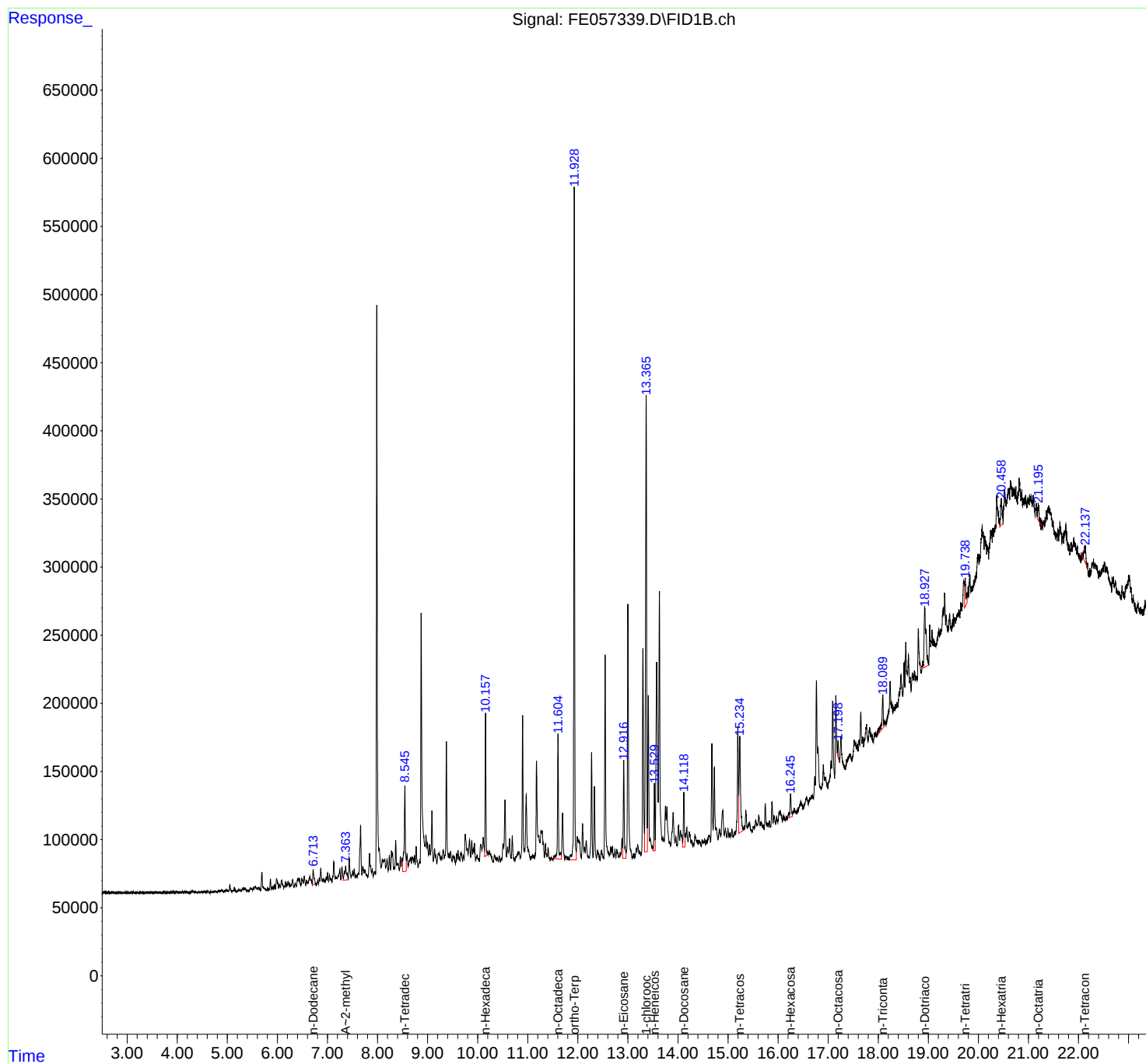
(m)=manual int.

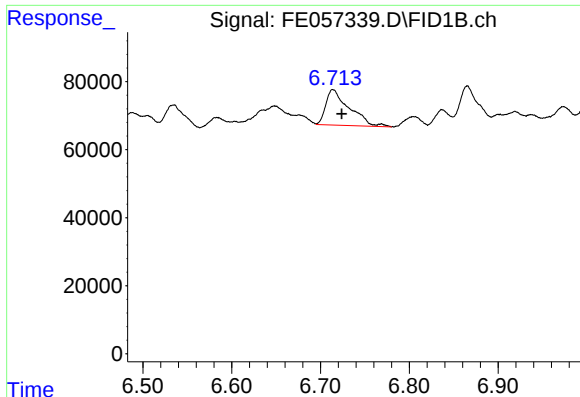
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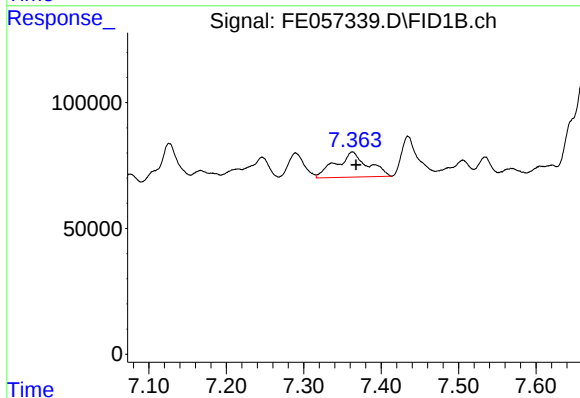




#4 n-Dodecane (C12)

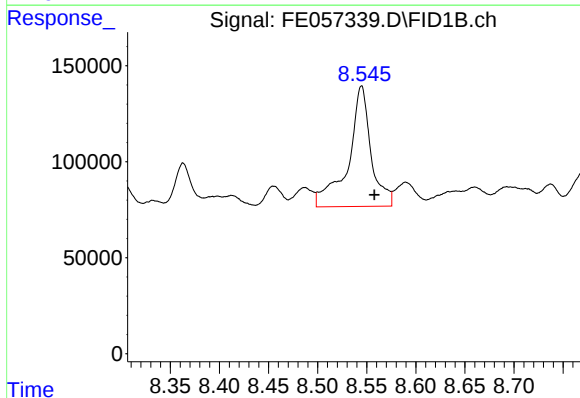
R.T.: 6.714 min
Delta R.T.: -0.010 min
Response: 191602
Conc: 0.94 ug/ml

Instrument :
FID_G
ClientSampleId :



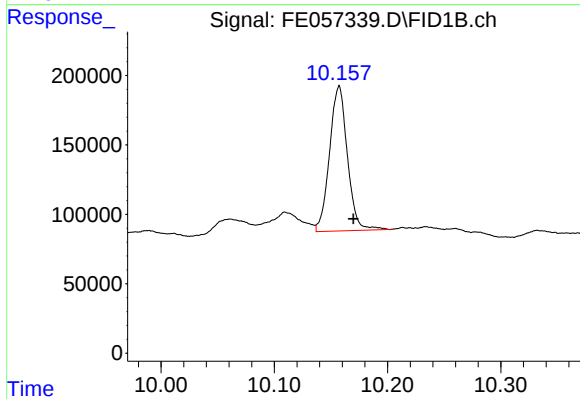
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: -0.005 min
Response: 285912
Conc: 1.49 ug/ml



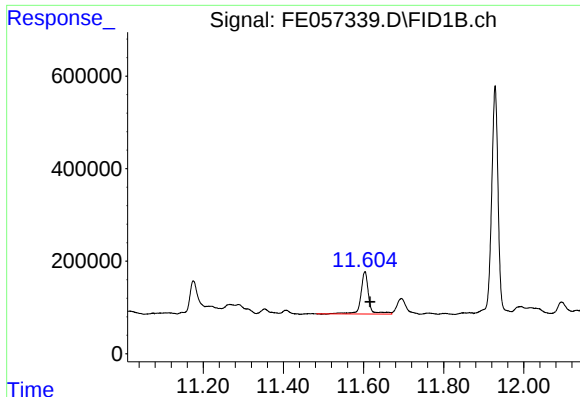
#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.013 min
Response: 1011387
Conc: 5.02 ug/ml



#7 n-Hexadecane (C16)

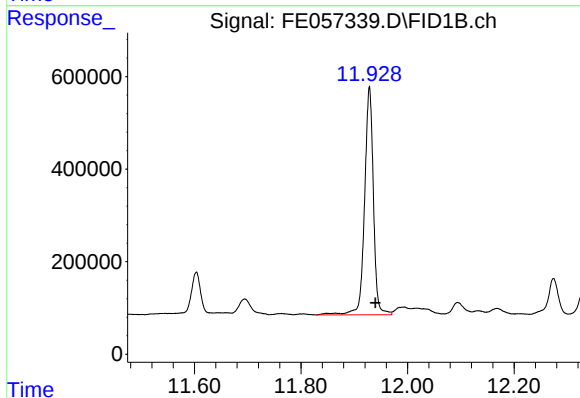
R.T.: 10.157 min
Delta R.T.: -0.013 min
Response: 1144039
Conc: 5.58 ug/ml



#8 n-Octadecane (C18)

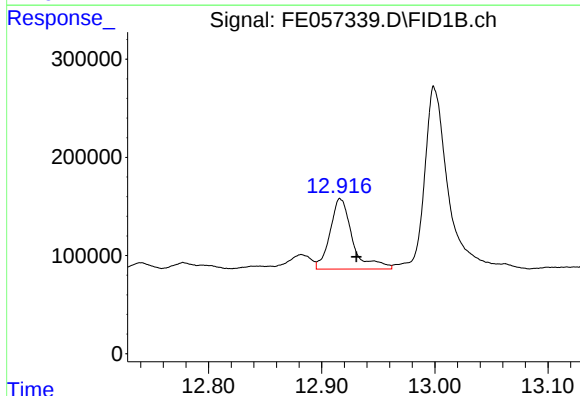
R.T.: 11.603 min
Delta R.T.: -0.013 min
Response: 1256454
Conc: 6.10 ug/ml

Instrument :
FID_G
ClientSampleId :



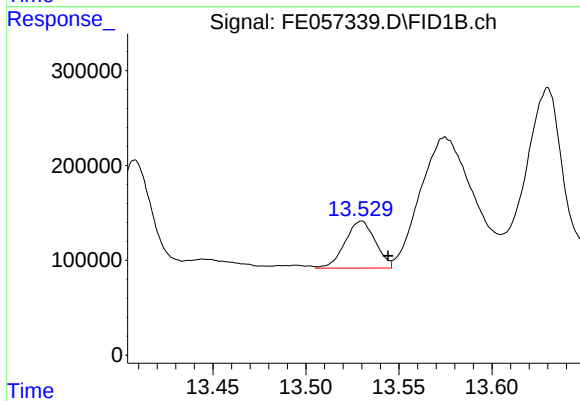
#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: -0.011 min
Response: 5685879
Conc: 25.91 ug/ml



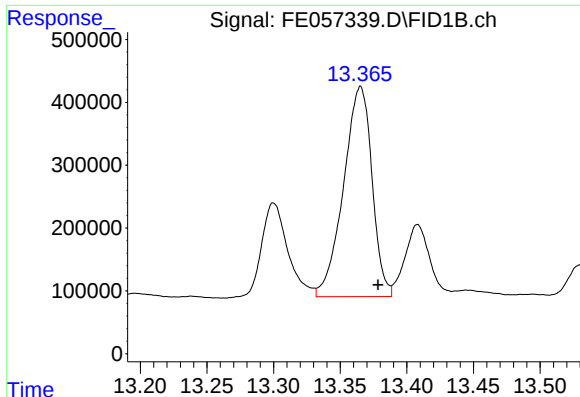
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.014 min
Response: 989655
Conc: 5.03 ug/ml



#11 n-Heneicosane (C21)

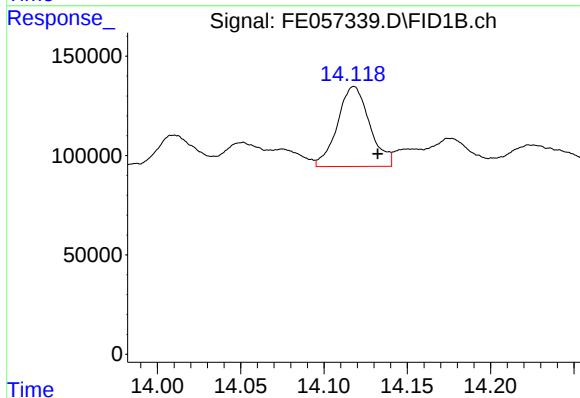
R.T.: 13.530 min
Delta R.T.: -0.015 min
Response: 560973
Conc: 2.92 ug/ml



#12 1-chlorooctadecane (SURR)

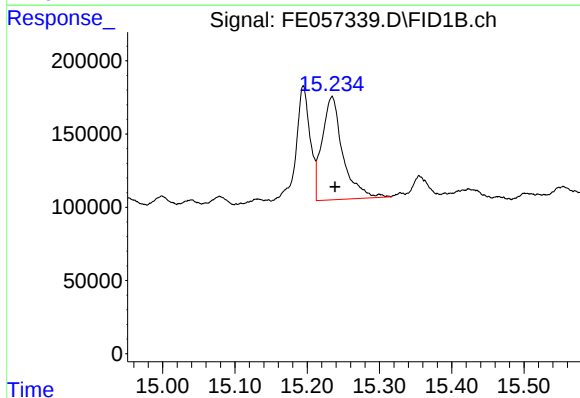
R.T.: 13.365 min
Delta R.T.: -0.013 min
Response: 4969982
Conc: 29.86 ug/ml

Instrument :
FID_G
ClientSampleId :



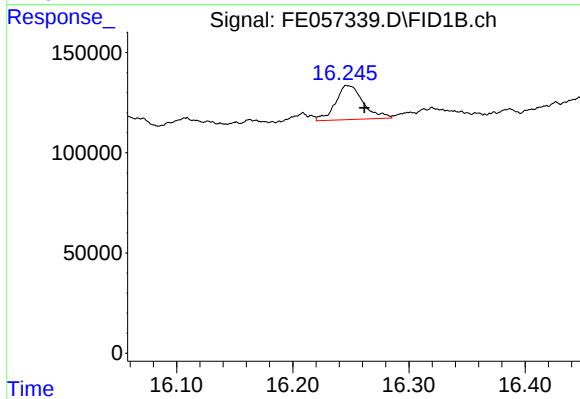
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.014 min
Response: 541106
Conc: 2.80 ug/ml



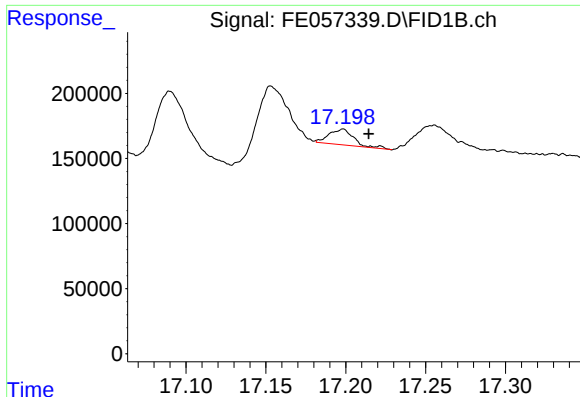
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: -0.004 min
Response: 1403910
Conc: 7.09 ug/ml



#15 n-Hexacosane (C26)

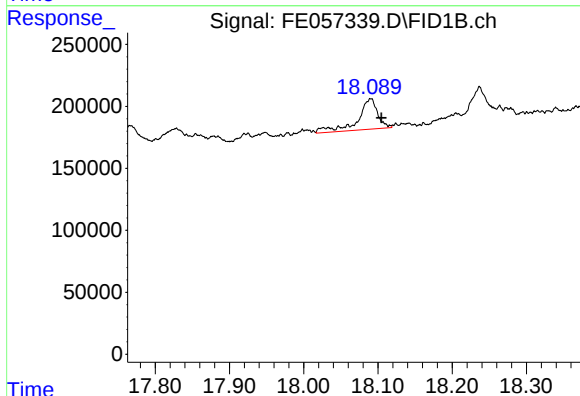
R.T.: 16.248 min
Delta R.T.: -0.014 min
Response: 281782
Conc: 1.42 ug/ml



#16 n-Octacosane (C28)

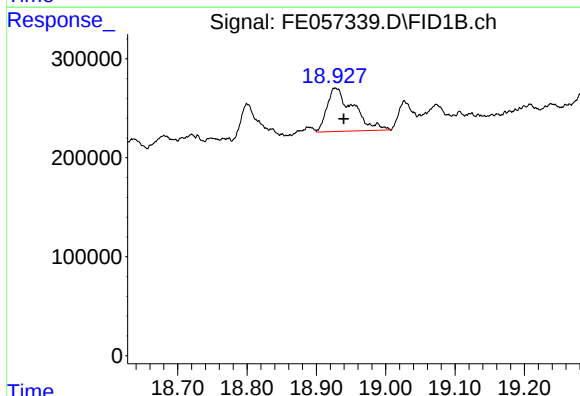
R.T.: 17.197 min
Delta R.T.: -0.017 min
Response: 131675
Conc: 0.64 ug/ml

Instrument :
FID_G
ClientSampleId :



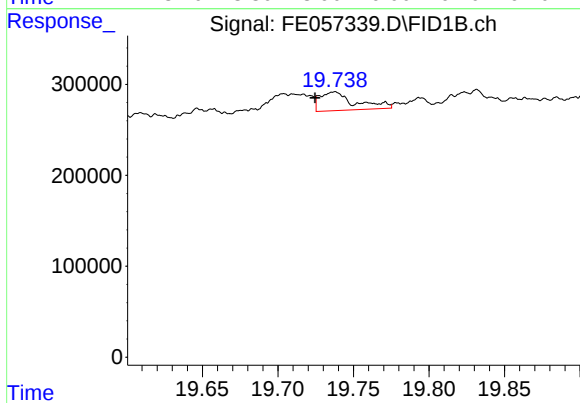
#17 n-Tricontane (C30)

R.T.: 18.090 min
Delta R.T.: -0.015 min
Response: 458740
Conc: 2.04 ug/ml



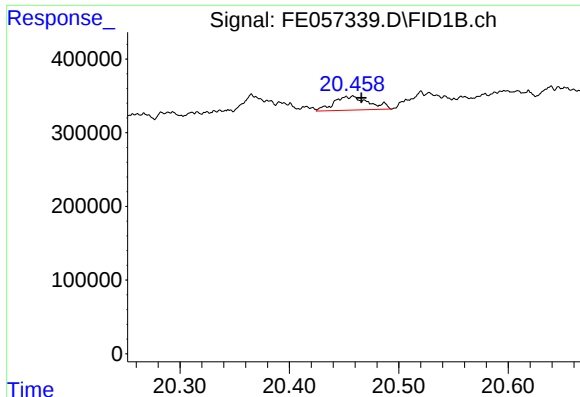
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.012 min
Response: 1150313
Conc: 4.93 ug/ml



#19 n-Tetratriacontane (C34)

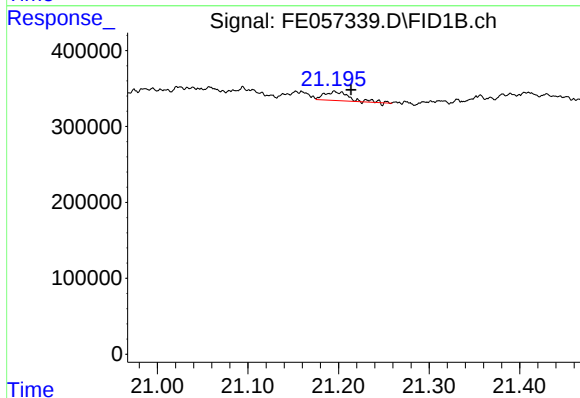
R.T.: 19.737 min
Delta R.T.: 0.012 min
Response: 332749
Conc: 1.56 ug/ml



#20 n-Hexatriacontane (C36)

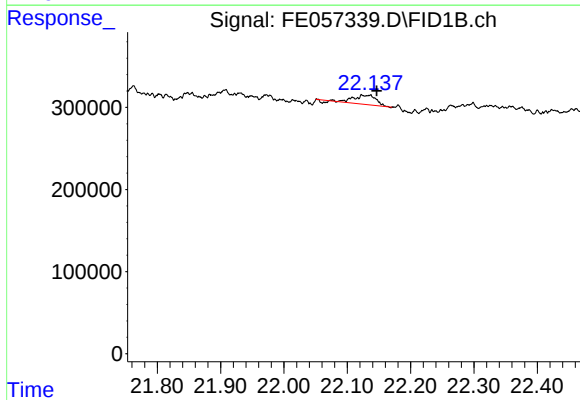
R.T.: 20.457 min
Delta R.T.: -0.009 min
Response: 415281
Conc: 2.23 ug/ml

Instrument :
FID_G
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.018 min
Response: 224023
Conc: 1.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: -0.021 min
Response: 260488
Conc: 1.55 ug/ml