

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102623AL\
 Data File : FE045041.D
 Signal(s) : FID1B.ch
 Acq On : 26 Oct 2023 17:10
 Operator : YP\AJ
 Sample : 05048-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 27 01:04:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.896	15316340	76.404 ug/ml
Spiked Amount 50.000		Recovery =	152.81%
12) S 1-chlorooctadecane (S...	13.364	39898508	269.610 ug/ml
Spiked Amount 50.000		Recovery =	539.22%
Target Compounds			
5) T A~2-methylnaphthalene...	7.414f	19450	0.108 ug/ml
6) T n-Tetradecane (C14)	8.531	1459366	8.510 ug/ml
7) T n-Hexadecane (C16)	10.166	21533651	123.142 ug/ml
8) T n-Octadecane (C18)	11.594	104160558	597.200 ug/ml
10) T n-Eicosane (C20)	12.907	53051077	317.614 ug/ml
11) T n-Heneicosane (C21)	13.511	87525694	536.928 ug/ml
13) T n-Docosane (C22)	14.106	29077126	181.785 ug/ml
14) T n-Tetracosane (C24)	15.224	11304413	72.840 ug/ml
15) T n-Hexacosane (C26)	16.250	7531625	50.166 ug/ml
16) T n-Octacosane (C28)	17.183	4091652	27.864 ug/ml
17) T n-Tricontane (C30)	18.066	1776599	11.945 ug/ml
18) T n-Dotriacontane (C32)	18.895	226422	1.509 ug/ml
19) T n-Tetratriacontane (C34)	19.716	148541	0.998 ug/ml
20) T n-Hexatriacontane (C36)	20.424	161358	1.050 ug/ml
21) T n-Octatriacontane (C38)	21.163	140630	0.900 ug/ml
22) T n-Tetracontane (C40)	22.079	161546	0.967 ug/ml

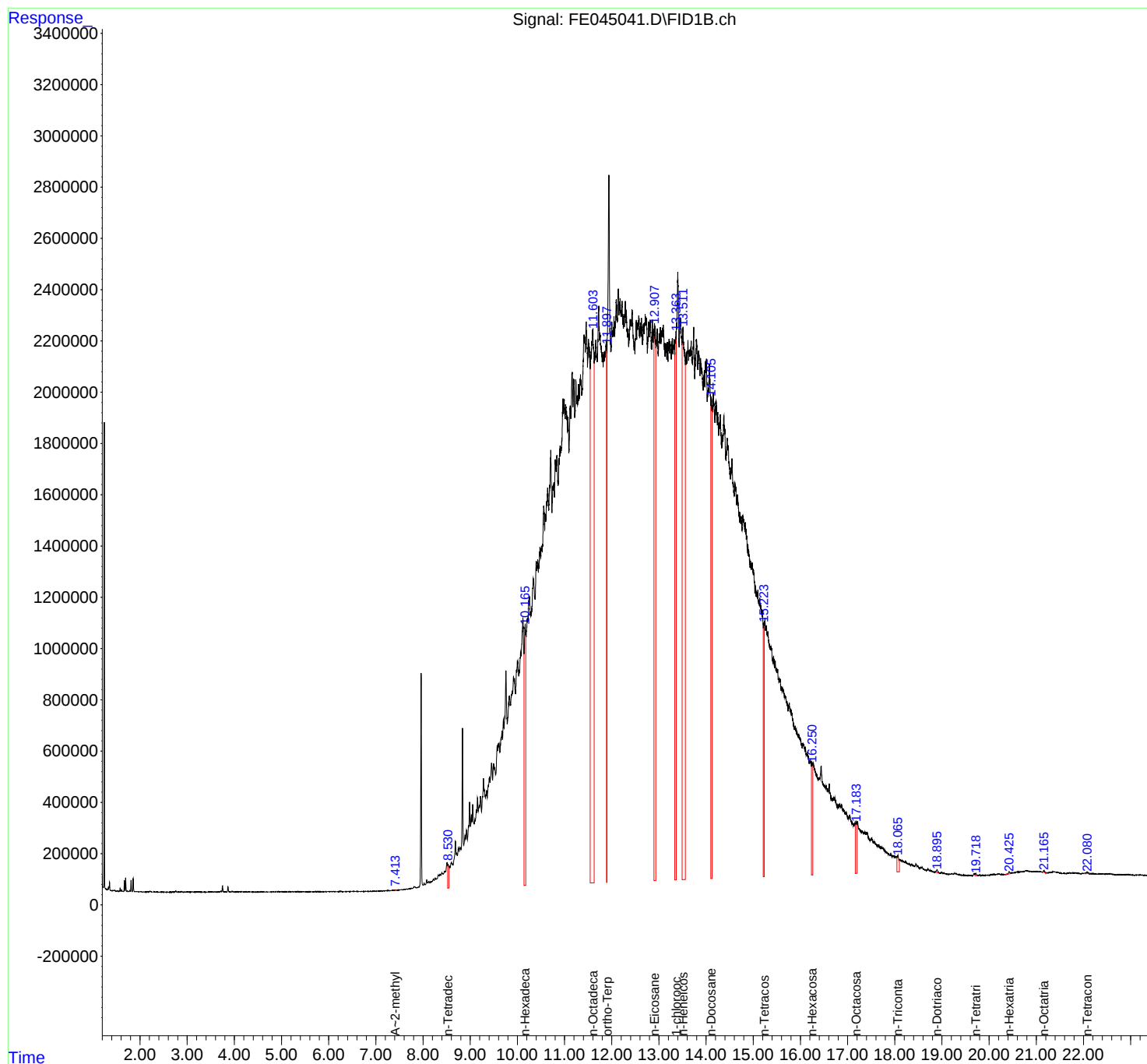
(f)=RT Delta > 1/2 Window

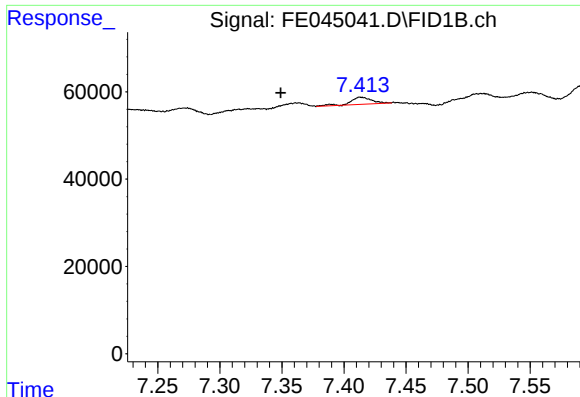
(m)=manual int.

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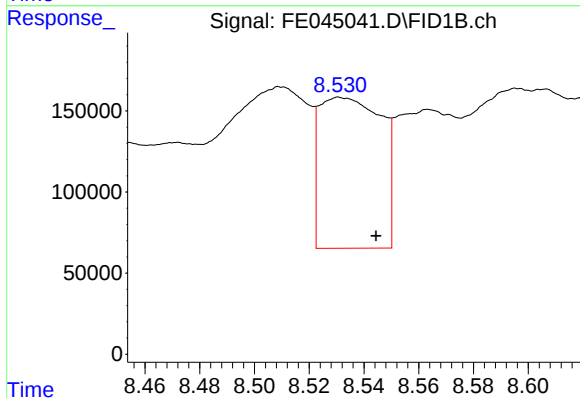
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





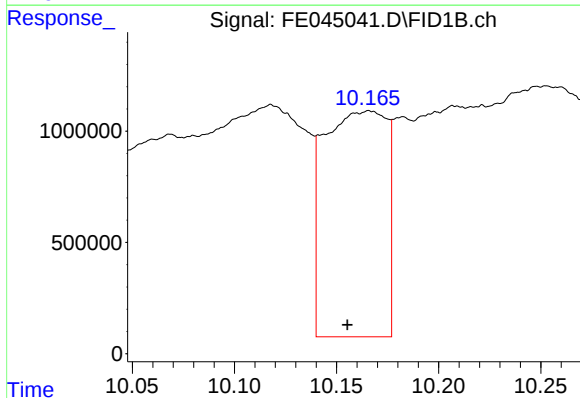
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.414 min
Delta R.T.: 0.065 min
Response: 19450
Conc: 0.11 ug/ml



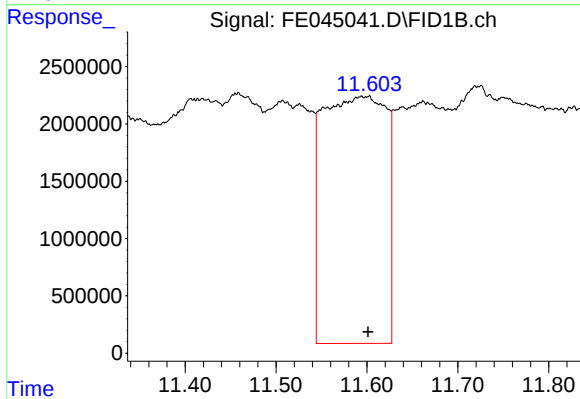
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.013 min
Response: 1459366
Conc: 8.51 ug/ml



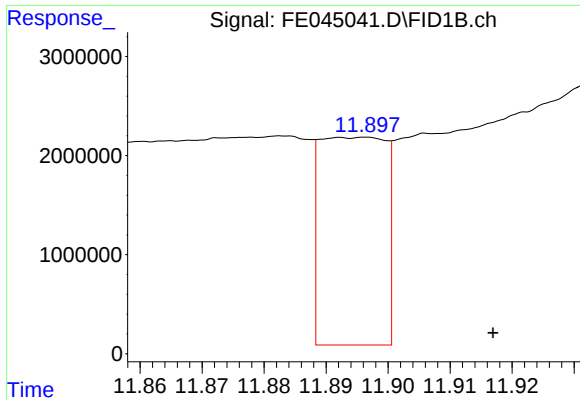
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: 0.011 min
Response: 21533651
Conc: 123.14 ug/ml



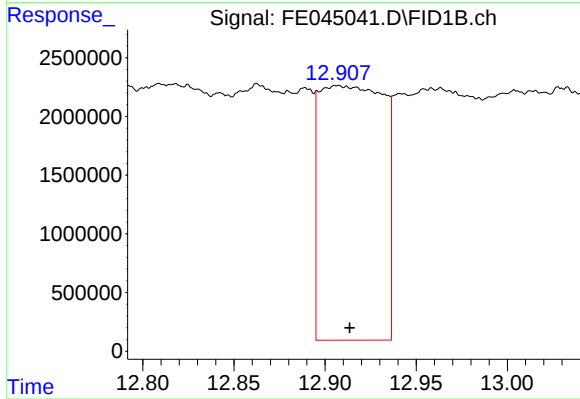
#8 n-Octadecane (C18)

R.T.: 11.594 min
Delta R.T.: -0.007 min
Response: 104160558
Conc: 597.20 ug/ml



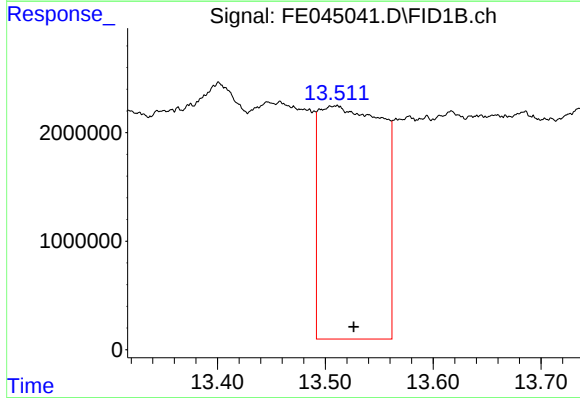
#9 ortho-Terphenyl (SURR)

R.T.: 11.896 min
Delta R.T.: -0.021 min
Response: 15316340
Conc: 76.40 ug/ml



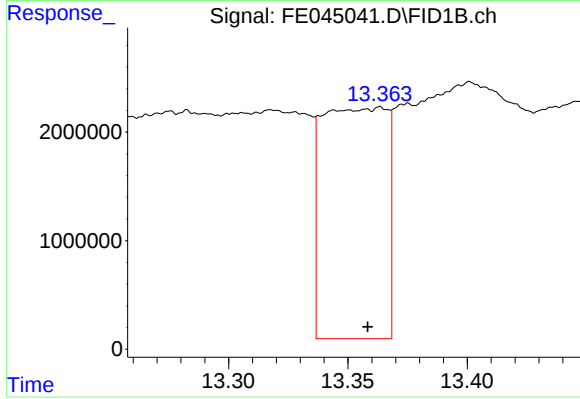
#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: -0.007 min
Response: 53051077
Conc: 317.61 ug/ml



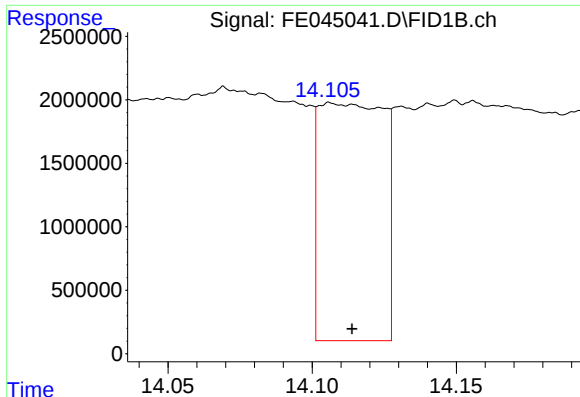
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: -0.016 min
Response: 87525694
Conc: 536.93 ug/ml



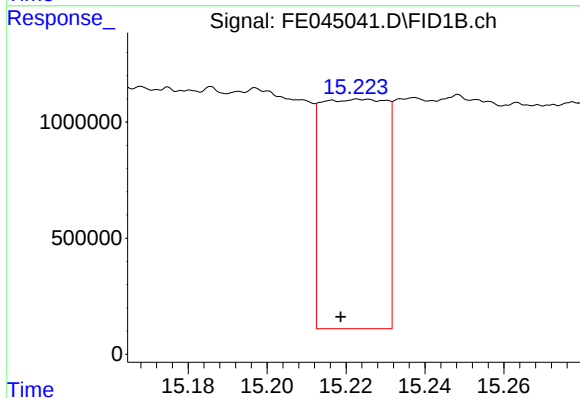
#12 1-chlorooctadecane (SURR)

R.T.: 13.364 min
Delta R.T.: 0.005 min
Response: 39898508
Conc: 269.61 ug/ml



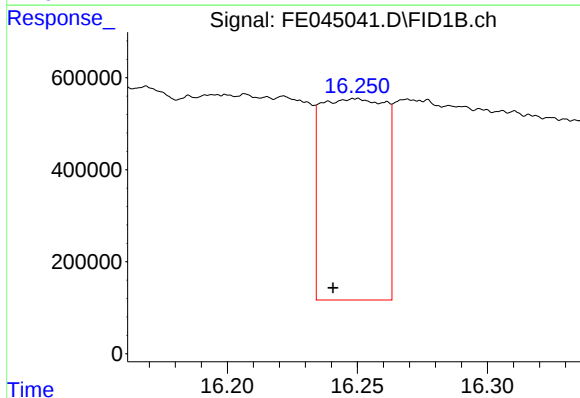
#13 n-Docosane (C22)

R.T.: 14.106 min
Delta R.T.: -0.007 min
Response: 29077126
Conc: 181.78 ug/ml



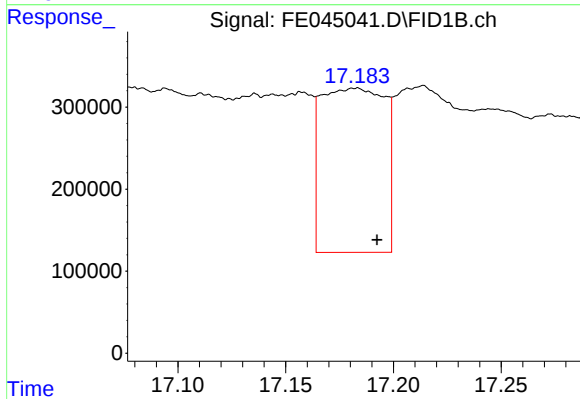
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: 0.005 min
Response: 11304413
Conc: 72.84 ug/ml



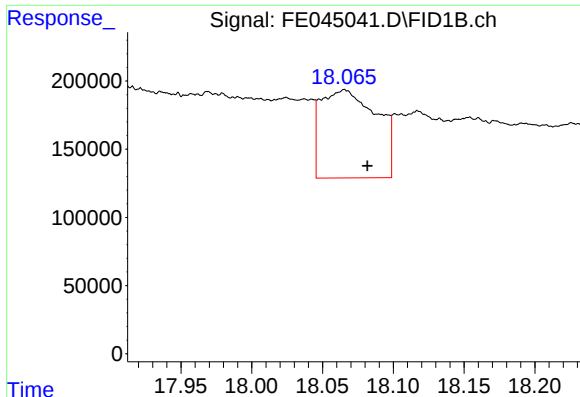
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: 0.009 min
Response: 7531625
Conc: 50.17 ug/ml



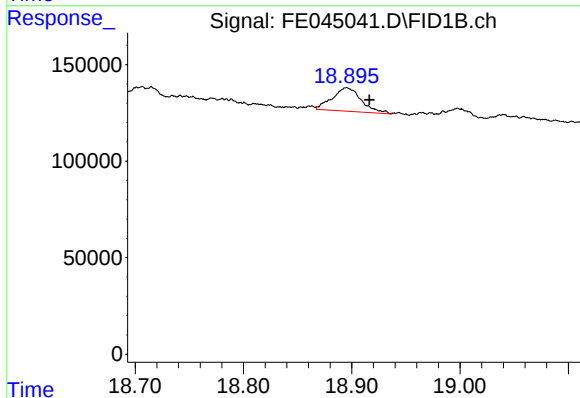
#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: -0.010 min
Response: 4091652
Conc: 27.86 ug/ml



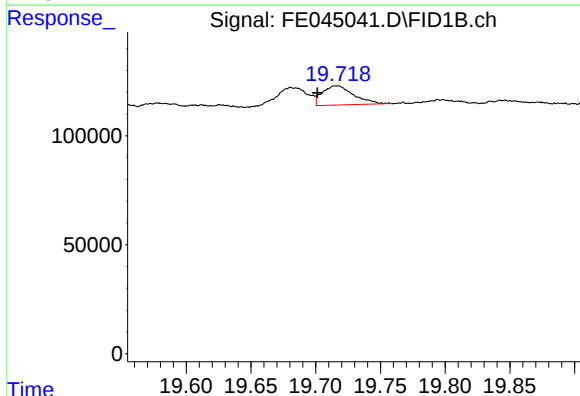
#17 n-Tricontane (C30)

R.T.: 18.066 min
Delta R.T.: -0.016 min
Response: 1776599
Conc: 11.95 ug/ml



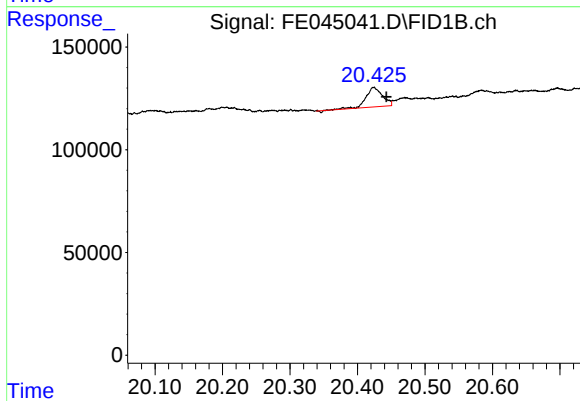
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: -0.021 min
Response: 226422
Conc: 1.51 ug/ml



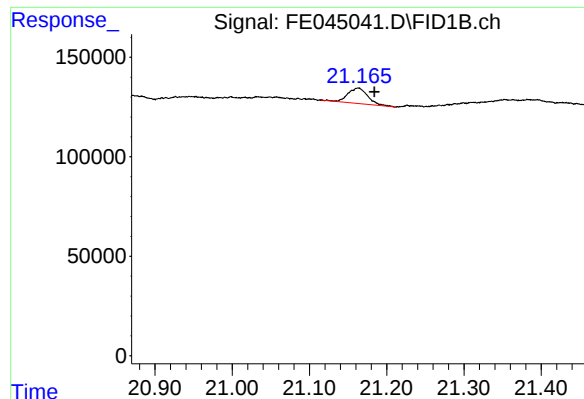
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: 0.015 min
Response: 148541
Conc: 1.00 ug/ml



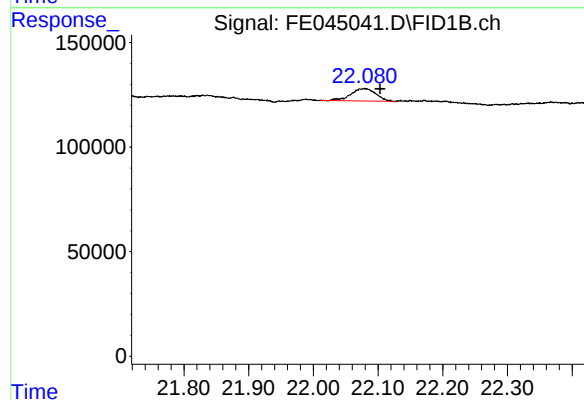
#20 n-Hexatriacontane (C36)

R.T.: 20.424 min
Delta R.T.: -0.019 min
Response: 161358
Conc: 1.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: -0.021 min
Response: 140630
Conc: 0.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.079 min
Delta R.T.: -0.024 min
Response: 161546
Conc: 0.97 ug/ml