

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110323AL\
 Data File : FE045171.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2023 07:49
 Operator : YP\AJ
 Sample : 05215-01DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 03 23:02:43 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)	11.890	2528814	12.615 ug/ml
Spiked Amount 50.000		Recovery =	25.23%
12) S 1-chlorooctadecane (S...	13.333	1900074	12.840 ug/ml
Spiked Amount 50.000		Recovery =	25.68%
Target Compounds			
6) T n-Tetradecane (C14)	8.516	54481	0.318 ug/ml
7) T n-Hexadecane (C16)	10.128	87197	0.499 ug/ml
8) T n-Octadecane (C18)	11.574	114355	0.656 ug/ml
10) T n-Eicosane (C20)	12.887	120085	0.719 ug/ml
11) T n-Heneicosane (C21)	13.503	132887	0.815 ug/ml
13) T n-Docosane (C22)	14.088	121553	0.760 ug/ml
14) T n-Tetracosane (C24)	15.167f	218301	1.407 ug/ml
15) T n-Hexacosane (C26)	16.218	83157	0.554 ug/ml
16) T n-Octacosane (C28)	17.173	190522	1.297 ug/ml
17) T n-Tricontane (C30)	18.103	33783	0.227 ug/ml
18) T n-Dotriacontane (C32)	18.900	143478	0.956 ug/ml
19) T n-Tetratriacontane (C34)	19.704	233198	1.567 ug/ml
20) T n-Hexatriacontane (C36)	20.453	251707	1.637 ug/ml
21) T n-Octatriacontane (C38)	21.161	597538	3.825 ug/ml
22) T n-Tetracontane (C40)	22.086	94503	0.565 ug/ml

(f)=RT Delta > 1/2 Window

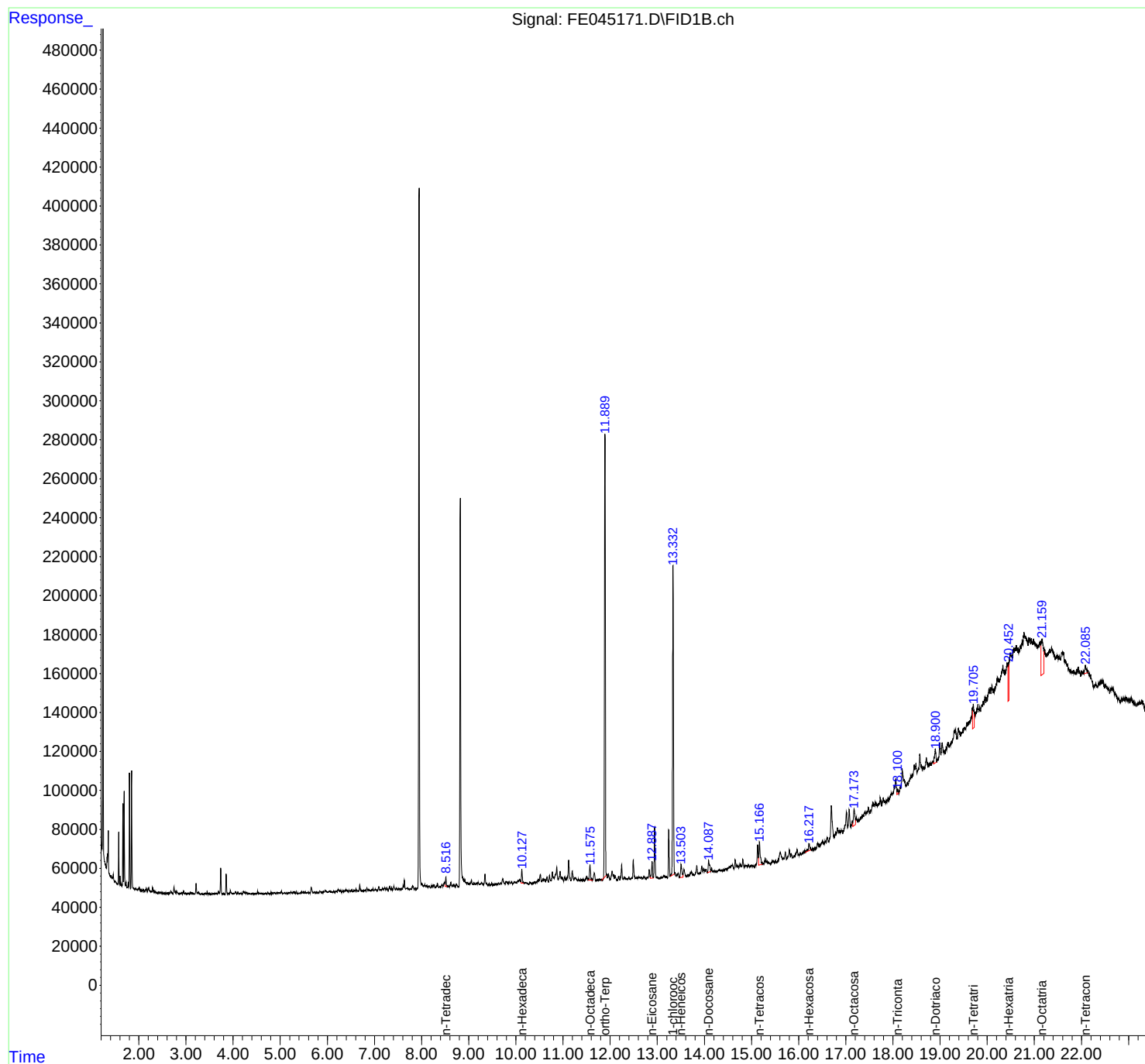
(m)=manual int.

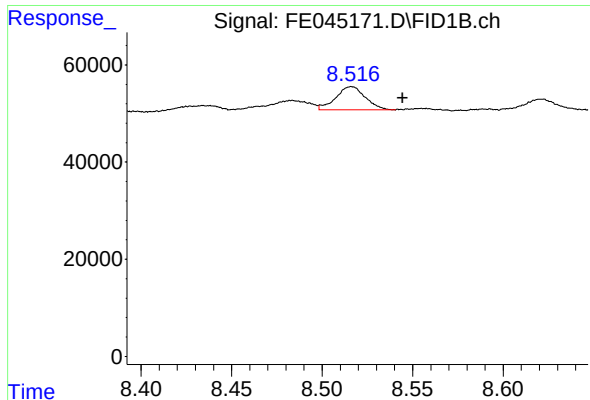
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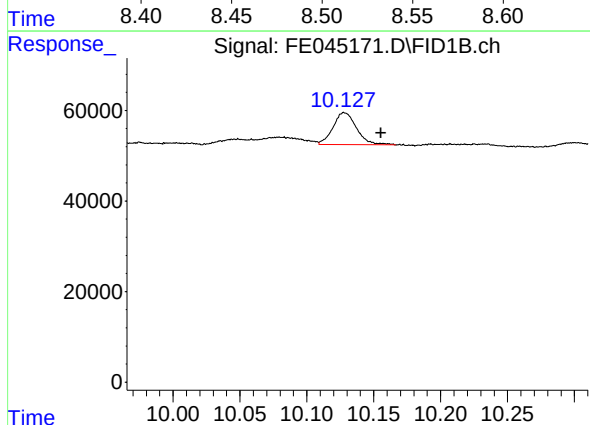




#6 n-Tetradecane (C14)

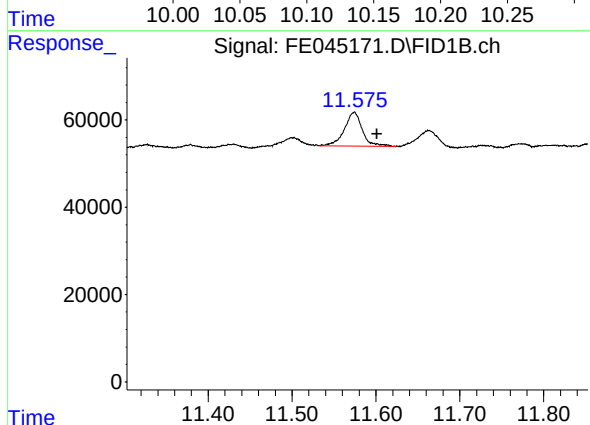
R.T.: 8.516 min
Delta R.T.: -0.028 min
Response: 54481
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :



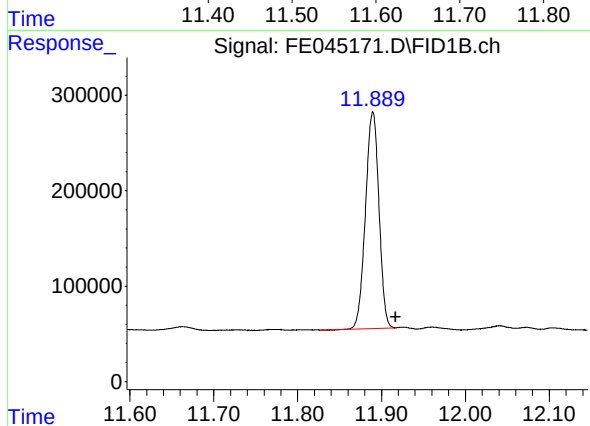
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.027 min
Response: 87197
Conc: 0.50 ug/ml



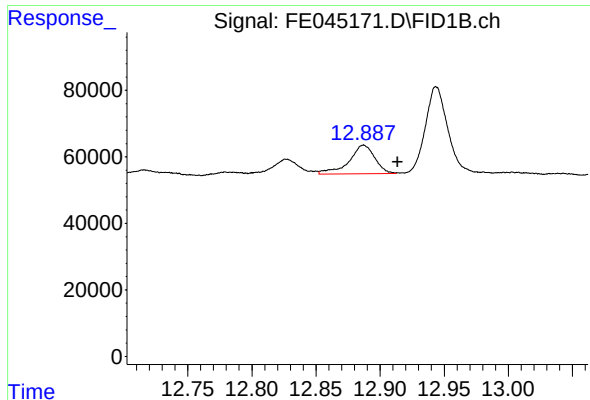
#8 n-Octadecane (C18)

R.T.: 11.574 min
Delta R.T.: -0.027 min
Response: 114355
Conc: 0.66 ug/ml



#9 ortho-Terphenyl (SURR)

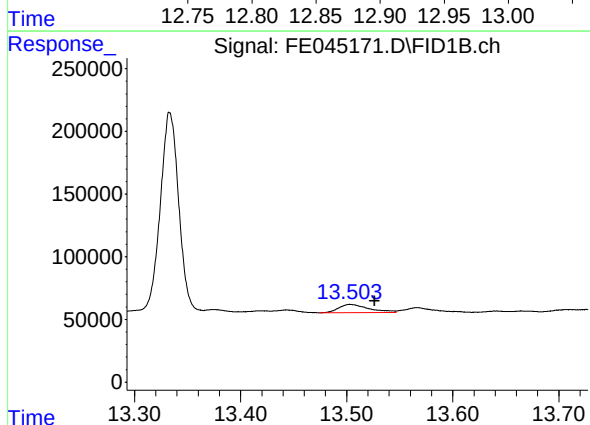
R.T.: 11.890 min
Delta R.T.: -0.027 min
Response: 2528814
Conc: 12.61 ug/ml



#10 n-Eicosane (C20)

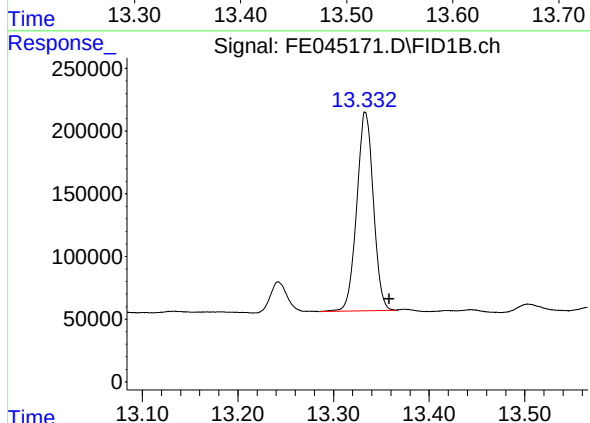
R.T.: 12.887 min
Delta R.T.: -0.026 min
Response: 120085
Conc: 0.72 ug/ml

Instrument :
FID_E
ClientSampleId :



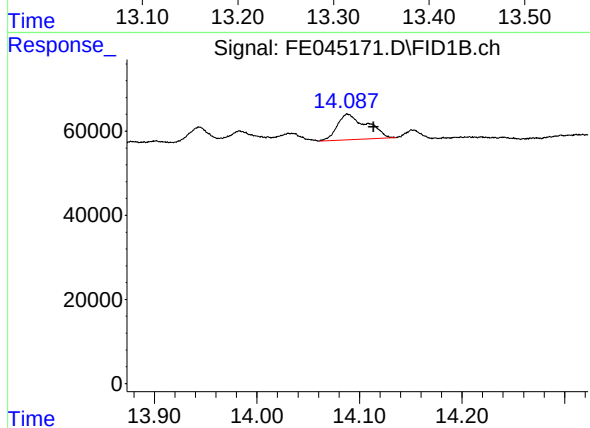
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: -0.023 min
Response: 132887
Conc: 0.82 ug/ml



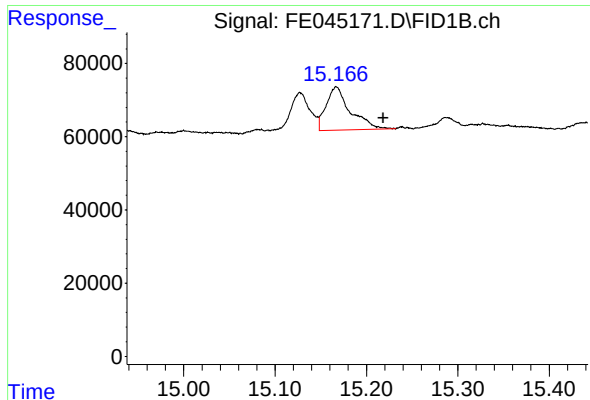
#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: -0.025 min
Response: 1900074
Conc: 12.84 ug/ml



#13 n-Docosane (C22)

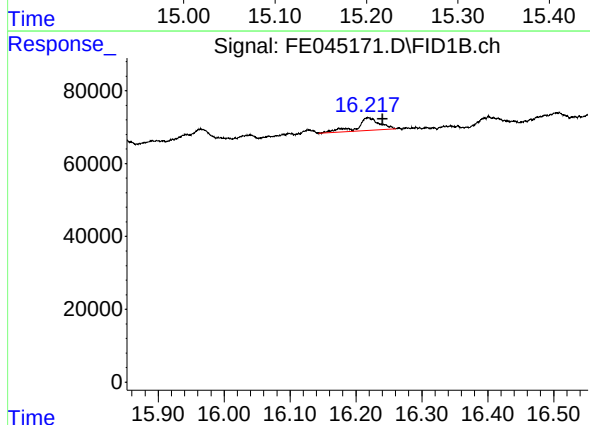
R.T.: 14.088 min
Delta R.T.: -0.025 min
Response: 121553
Conc: 0.76 ug/ml



#14 n-Tetracosane (C24)

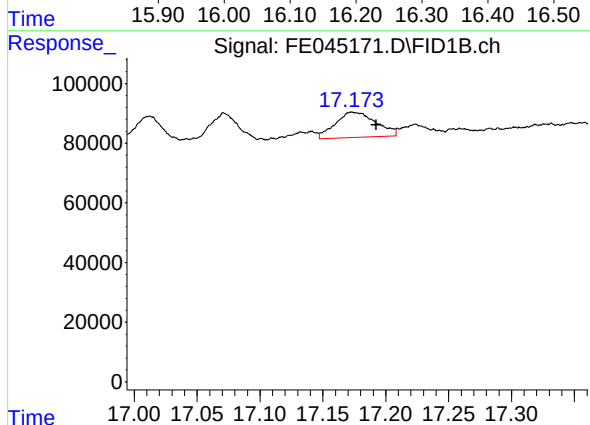
R.T.: 15.167 min
Delta R.T.: -0.051 min
Response: 218301
Conc: 1.41 ug/ml

Instrument :
FID_E
ClientSampleId :



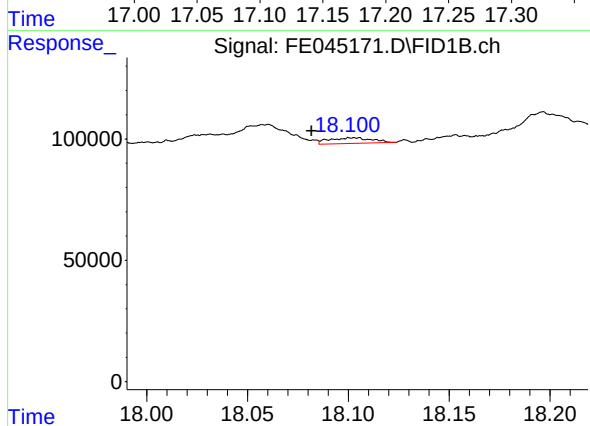
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.022 min
Response: 83157
Conc: 0.55 ug/ml



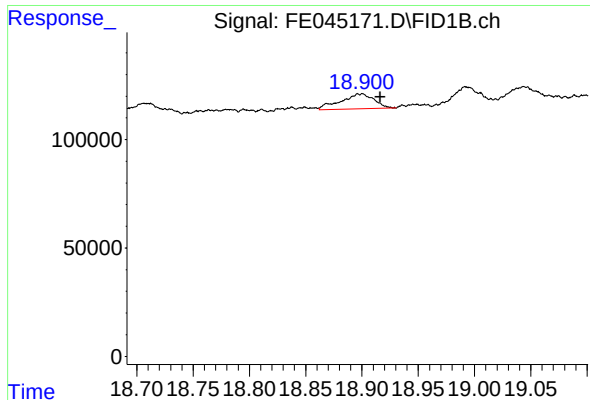
#16 n-Octacosane (C28)

R.T.: 17.173 min
Delta R.T.: -0.020 min
Response: 190522
Conc: 1.30 ug/ml



#17 n-Tricontane (C30)

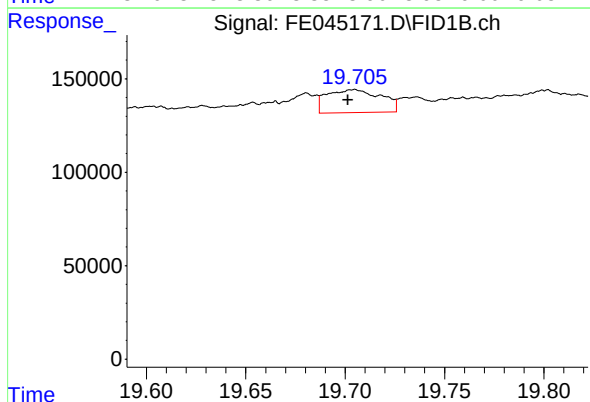
R.T.: 18.103 min
Delta R.T.: 0.021 min
Response: 33783
Conc: 0.23 ug/ml



#18 n-Dotriacontane (C32)

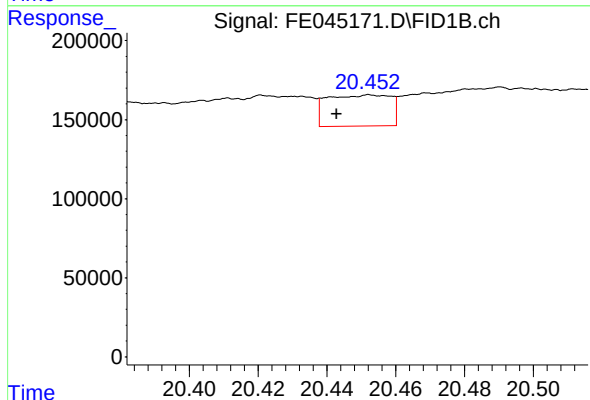
R.T.: 18.900 min
Delta R.T.: -0.016 min
Response: 143478
Conc: 0.96 ug/ml

Instrument :
FID_E
ClientSampleId :



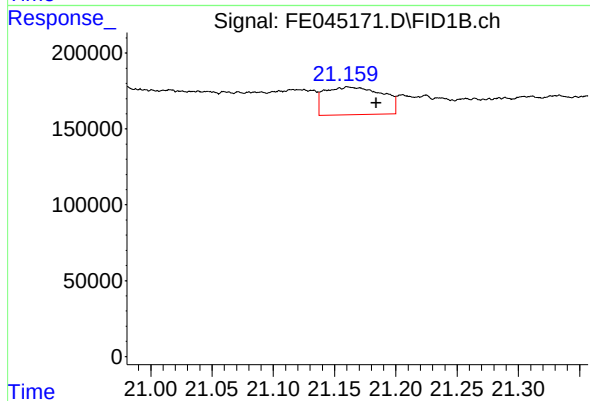
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.003 min
Response: 233198
Conc: 1.57 ug/ml



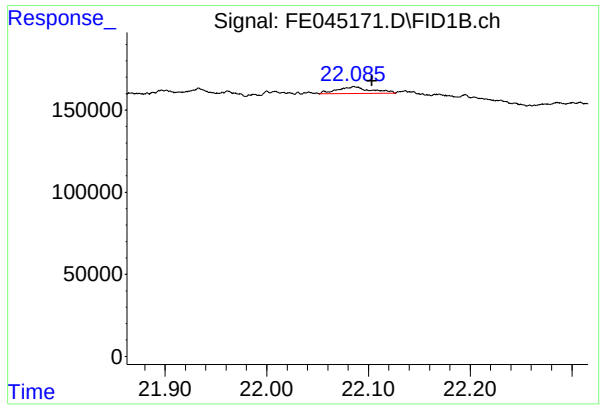
#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: 0.010 min
Response: 251707
Conc: 1.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: -0.023 min
Response: 597538
Conc: 3.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: -0.017 min
Response: 94503
Conc: 0.57 ug/ml

Instrument :
FID_E
ClientSampleId :