

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081523AL\
 Data File : FE043971.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2023 22:17
 Operator : YP\AJ
 Sample : 04003-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 16 01:17:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.950	5640378	27.371 ug/ml
Spiked Amount 50.000		Recovery =	54.74%
12) S 1-chlorooctadecane (S...	13.383	23283418	149.207 ug/ml
Spiked Amount 50.000		Recovery =	298.41%
Target Compounds			
1) T n-Nonane (C9)	3.281	83101	0.515 ug/ml
5) T A~2-methylnaphthalene...	7.324	76375	0.429 ug/ml
6) T n-Tetradecane (C14)	8.577	178012	1.057 ug/ml
7) T n-Hexadecane (C16)	10.186	363696	2.062 ug/ml
8) T n-Octadecane (C18)	11.629	527769	2.913 ug/ml
10) T n-Eicosane (C20)	12.940	537538	3.037 ug/ml
11) T n-Heneicosane (C21)	13.568	1496832	8.454 ug/ml
13) T n-Docosane (C22)	14.139	504595	2.877 ug/ml
14) T n-Tetracosane (C24)	15.241	355653	2.024 ug/ml
15) T n-Hexacosane (C26)	16.266	343677	1.988 ug/ml
16) T n-Octacosane (C28)	17.216	494937	2.958 ug/ml
17) T n-Tricontane (C30)	18.107	546713	3.301 ug/ml
18) T n-Dotriacontane (C32)	18.941	458267	2.902 ug/ml
19) T n-Tetratriacontane (C34)	19.729	387541	2.608 ug/ml
20) T n-Hexatriacontane (C36)	20.471	334848	2.396 ug/ml
21) T n-Octatriacontane (C38)	21.220	820720	6.152 ug/ml
22) T n-Tetracontane (C40)	22.157	620423	4.808 ug/ml

(f)=RT Delta > 1/2 Window

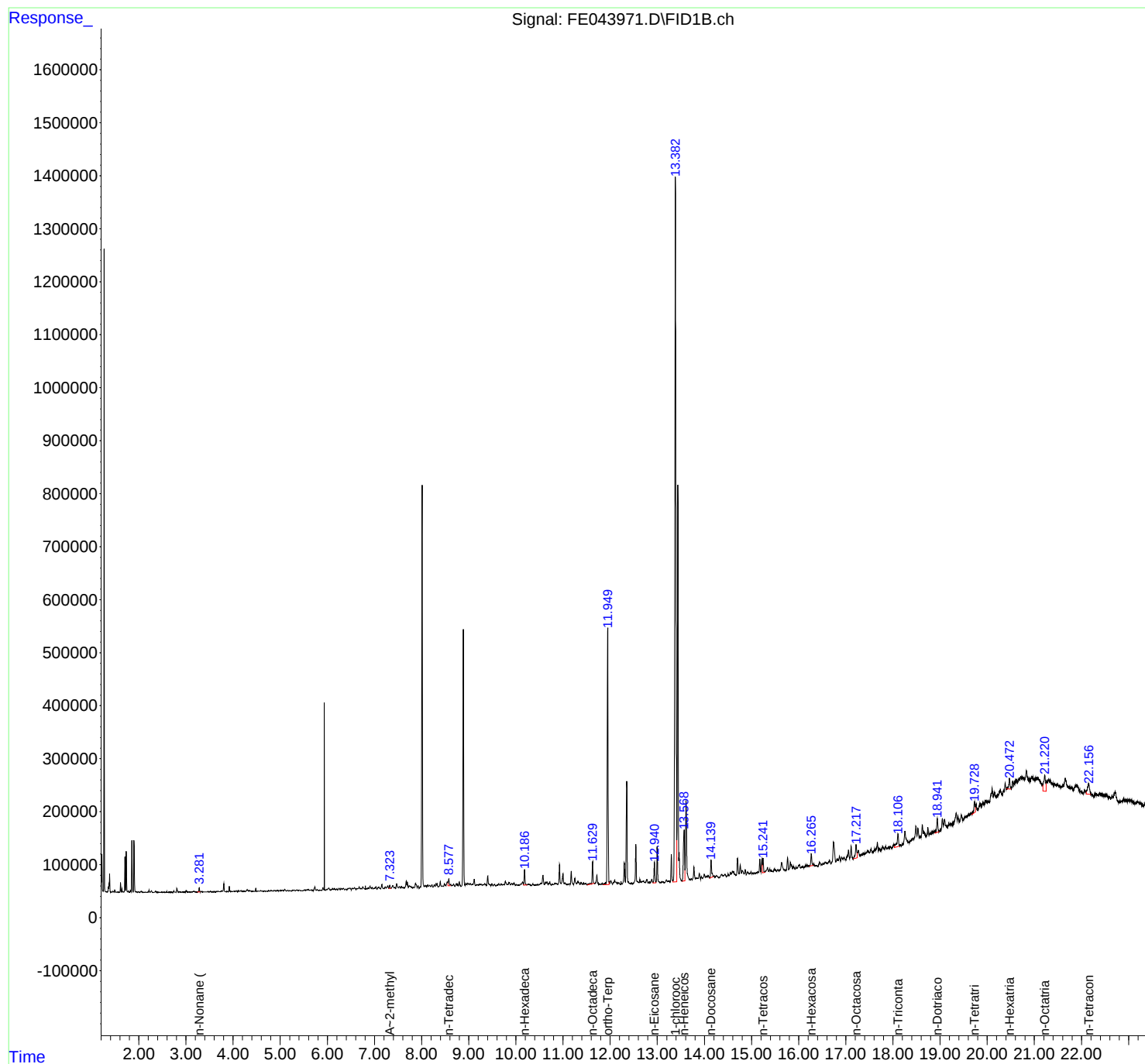
(m)=manual int.

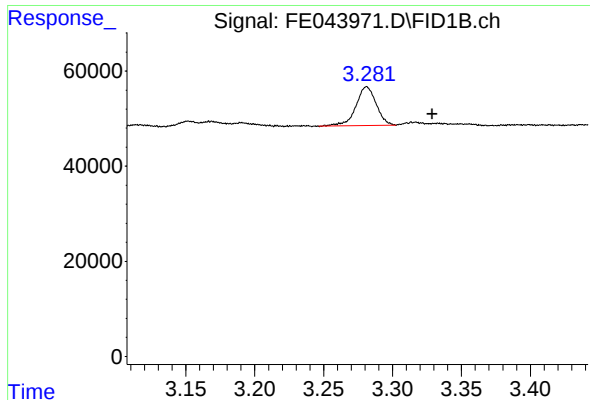
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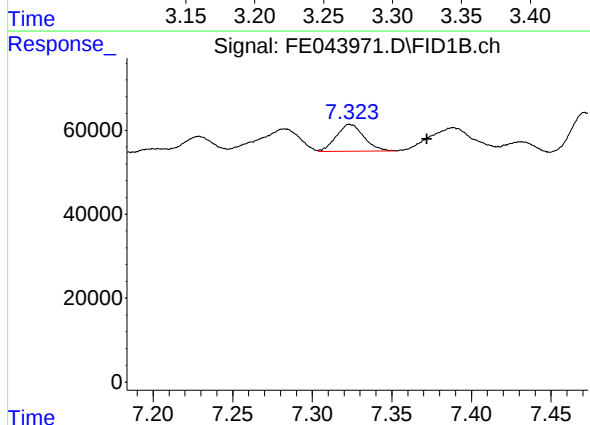




#1 n-Nonane (C9)

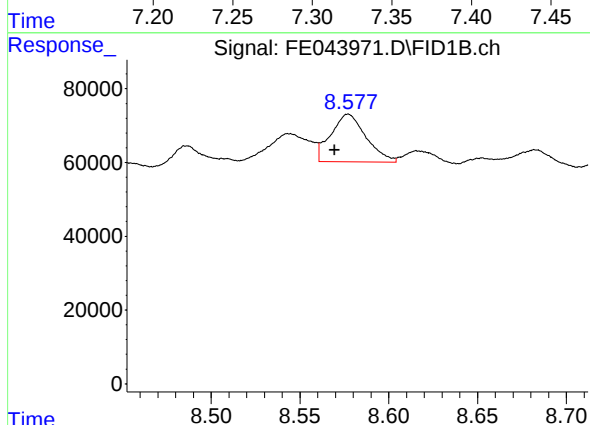
R.T.: 3.281 min
Delta R.T.: -0.048 min
Response: 83101
Conc: 0.51 ug/ml

Instrument :
FID_E
ClientSampleId :



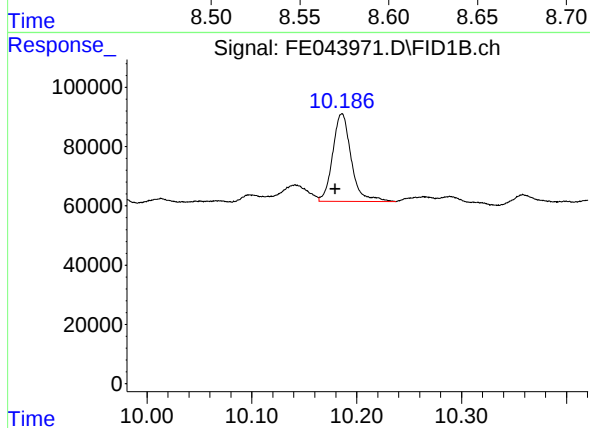
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.324 min
Delta R.T.: -0.048 min
Response: 76375
Conc: 0.43 ug/ml



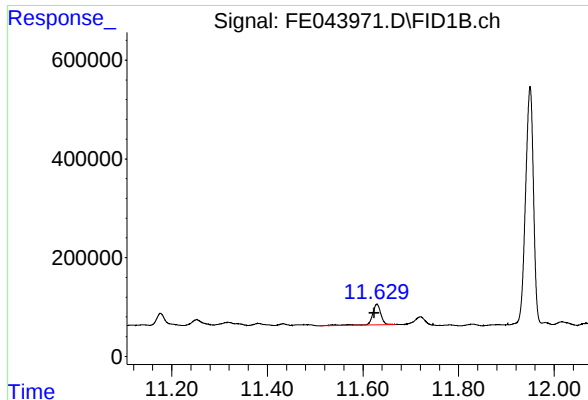
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: 0.008 min
Response: 178012
Conc: 1.06 ug/ml



#7 n-Hexadecane (C16)

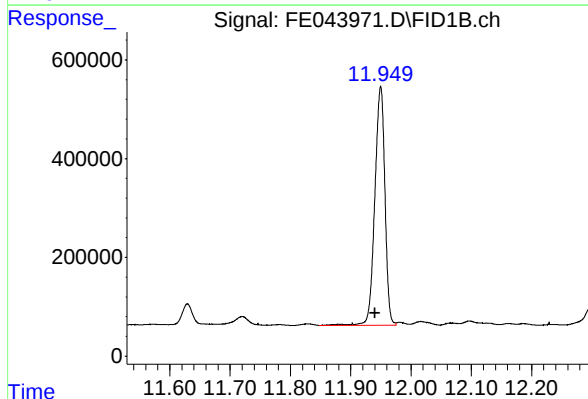
R.T.: 10.186 min
Delta R.T.: 0.006 min
Response: 363696
Conc: 2.06 ug/ml



#8 n-Octadecane (C18)

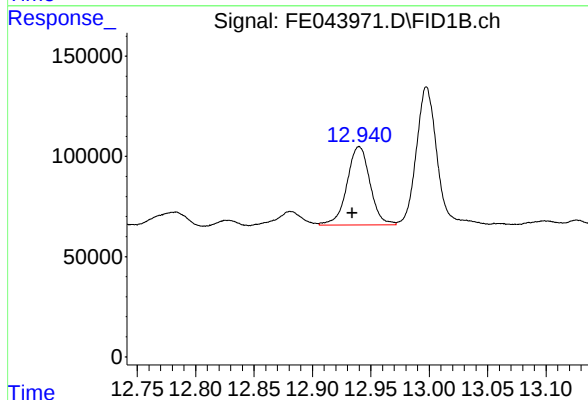
R.T.: 11.629 min
Delta R.T.: 0.005 min
Response: 527769
Conc: 2.91 ug/ml

Instrument :
FID_E
ClientSampleId :



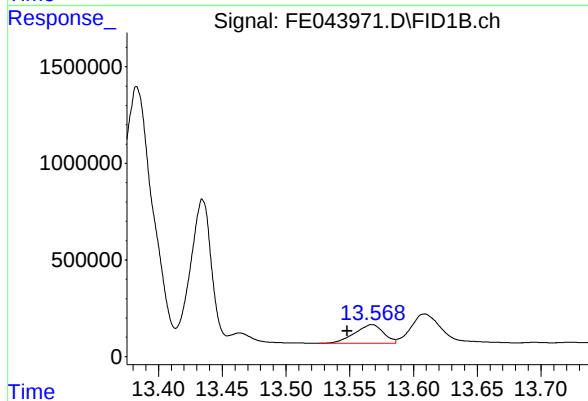
#9 ortho-Terphenyl (SURR)

R.T.: 11.950 min
Delta R.T.: 0.009 min
Response: 5640378
Conc: 27.37 ug/ml



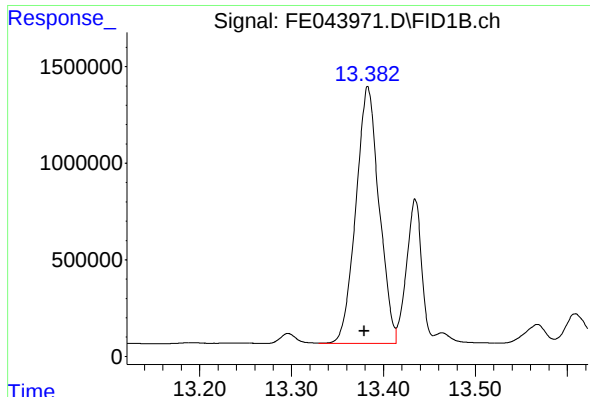
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.006 min
Response: 537538
Conc: 3.04 ug/ml



#11 n-Heneicosane (C21)

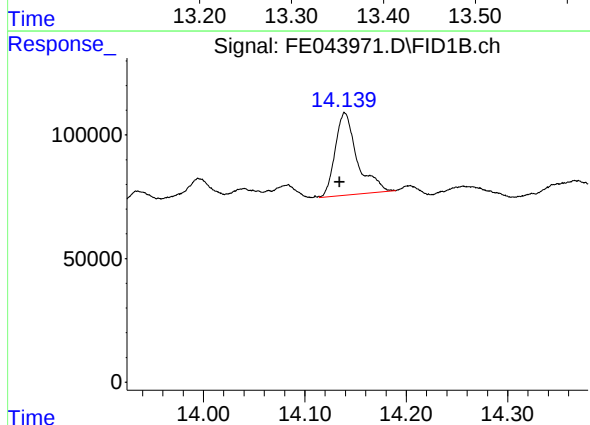
R.T.: 13.568 min
Delta R.T.: 0.020 min
Response: 1496832
Conc: 8.45 ug/ml



#12 1-chlorooctadecane (SURR)

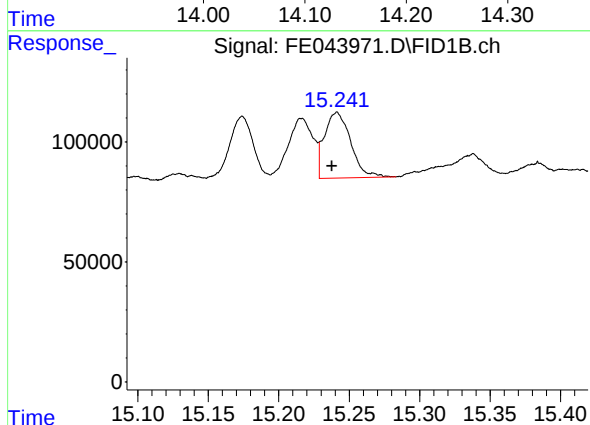
R.T.: 13.383 min
Delta R.T.: 0.004 min
Response: 23283418
Conc: 149.21 ug/ml

Instrument :
FID_E
ClientSampleId :



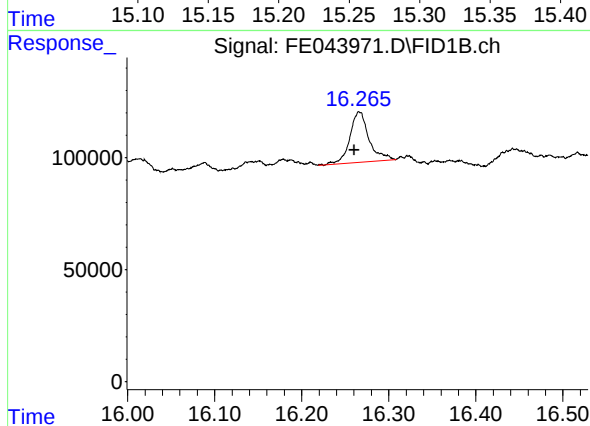
#13 n-Docosane (C22)

R.T.: 14.139 min
Delta R.T.: 0.005 min
Response: 504595
Conc: 2.88 ug/ml



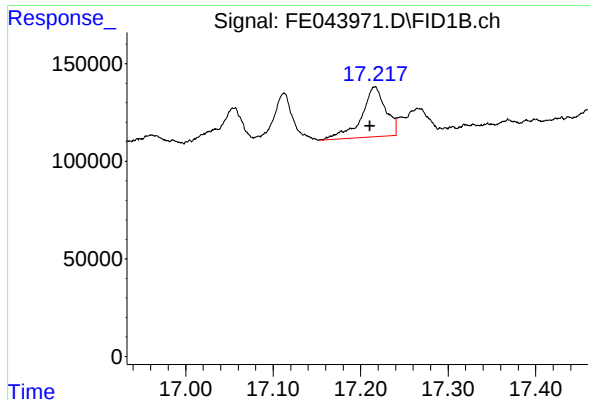
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: 0.003 min
Response: 355653
Conc: 2.02 ug/ml



#15 n-Hexacosane (C26)

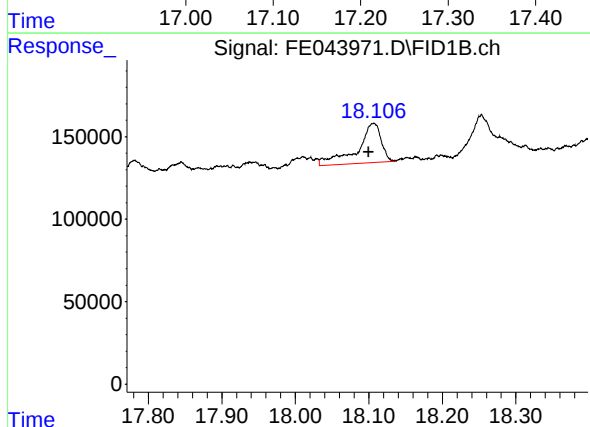
R.T.: 16.266 min
Delta R.T.: 0.006 min
Response: 343677
Conc: 1.99 ug/ml



#16 n-Octacosane (C28)

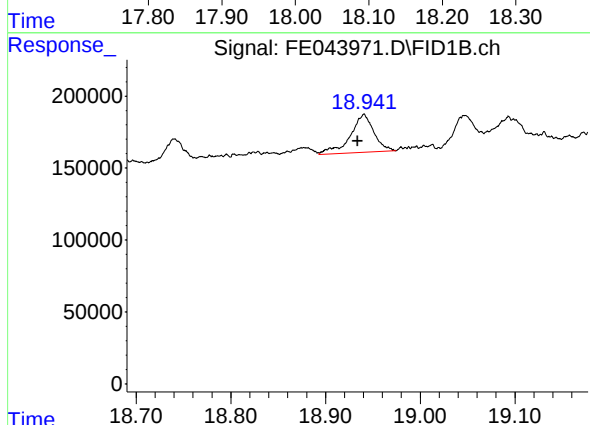
R.T.: 17.216 min
Delta R.T.: 0.006 min
Response: 494937
Conc: 2.96 ug/ml

Instrument :
FID_E
ClientSampleId :



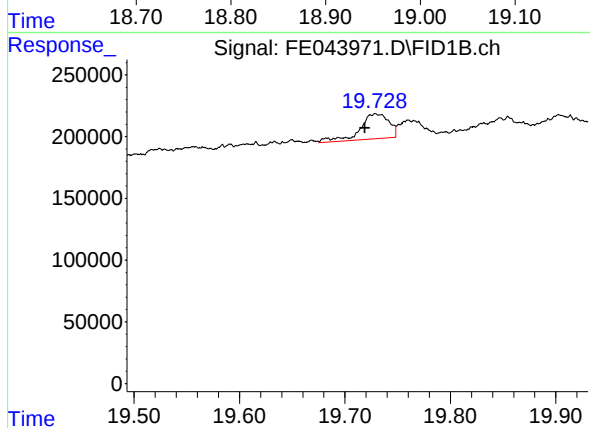
#17 n-Tricontane (C30)

R.T.: 18.107 min
Delta R.T.: 0.007 min
Response: 546713
Conc: 3.30 ug/ml



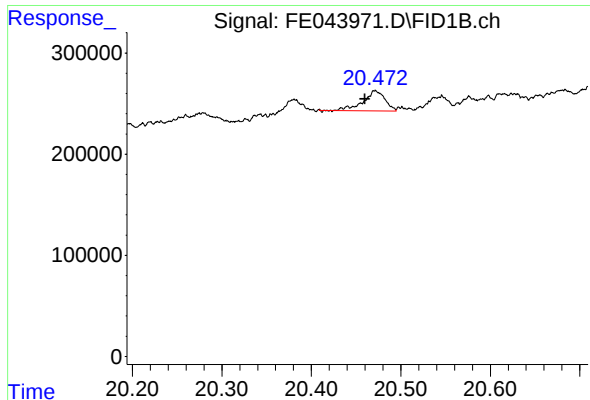
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: 0.006 min
Response: 458267
Conc: 2.90 ug/ml



#19 n-Tetratriacontane (C34)

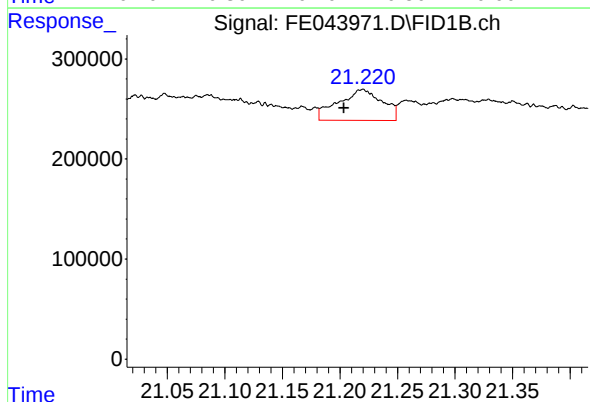
R.T.: 19.729 min
Delta R.T.: 0.010 min
Response: 387541
Conc: 2.61 ug/ml



#20 n-Hexatriacontane (C36)

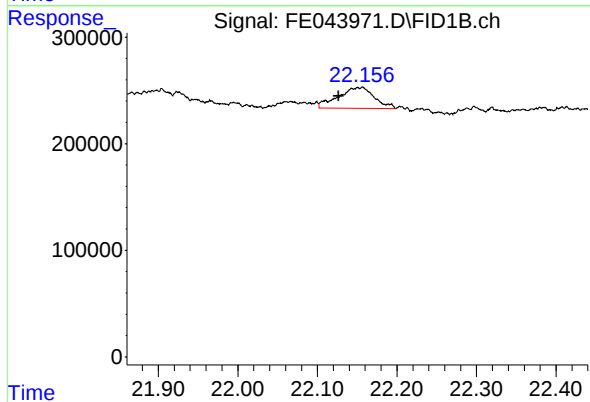
R.T.: 20.471 min
Delta R.T.: 0.011 min
Response: 334848
Conc: 2.40 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.016 min
Response: 820720
Conc: 6.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.157 min
Delta R.T.: 0.030 min
Response: 620423
Conc: 4.81 ug/ml