

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042523AL\
 Data File : FE041536.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2023 19:28
 Operator : YP\AJ
 Sample : 02484-01DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 26 01:19:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.981	1015249	5.412 ug/ml
Spiked Amount 50.000		Recovery =	10.82%
12) S 1-chlorooctadecane (S...	13.417	1091624	7.727 ug/ml
Spiked Amount 50.000		Recovery =	15.45%
Target Compounds			
4) T n-Dodecane (C12)	6.780	57181	0.376 ug/ml
5) T A~2-methylnaphthalene...	7.418	46364	0.288 ug/ml
6) T n-Tetradecane (C14)	8.609	93725	0.617 ug/ml
7) T n-Hexadecane (C16)	10.217	148852	0.933 ug/ml
8) T n-Octadecane (C18)	11.661	135906	0.829 ug/ml
10) T n-Eicosane (C20)	12.972	112483	0.699 ug/ml
11) T n-Heneicosane (C21)	13.586	99403	0.624 ug/ml
13) T n-Docosane (C22)	14.172	73683	0.462 ug/ml
14) T n-Tetracosane (C24)	15.274	36795	0.228 ug/ml
15) T n-Hexacosane (C26)	16.297	38089	0.241 ug/ml
16) T n-Octacosane (C28)	17.247	63827	0.415 ug/ml
17) T n-Tricontane (C30)	18.139	101725	0.668 ug/ml
18) T n-Dotriacontane (C32)	18.965	98008	0.658 ug/ml
19) T n-Tetratriacontane (C34)	19.734	31633	0.225 ug/ml
20) T n-Hexatriacontane (C36)	20.469	64354	0.481 ug/ml
21) T n-Octatriacontane (C38)	21.203	197522	1.495 ug/ml
22) T n-Tetracontane (C40)	22.161	411313	3.249 ug/ml

(f)=RT Delta > 1/2 Window

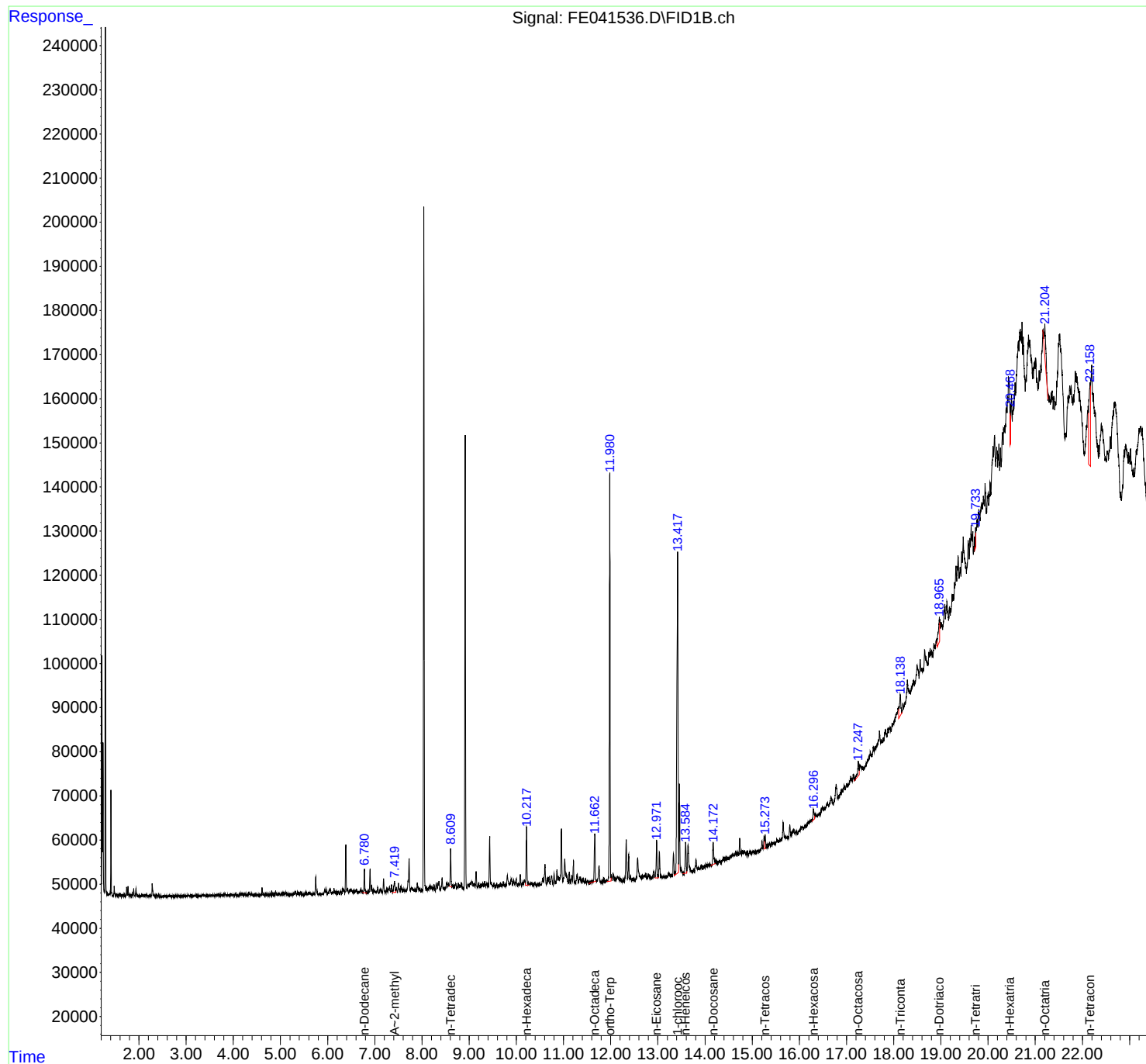
(m)=manual int.

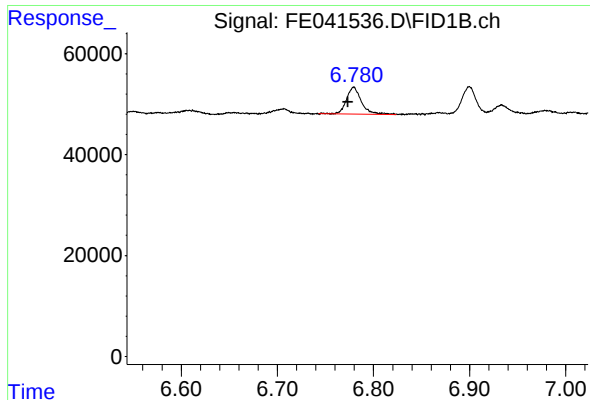
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042523AL\
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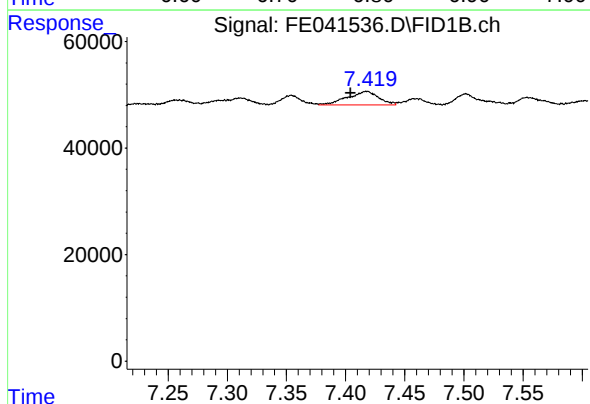




#4 n-Dodecane (C12)

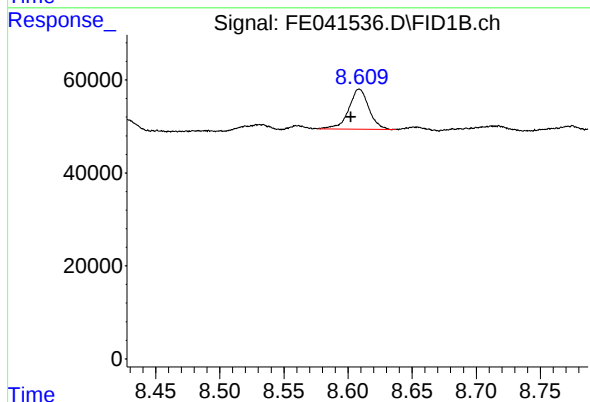
R.T.: 6.780 min
Delta R.T.: 0.006 min
Response: 57181
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :



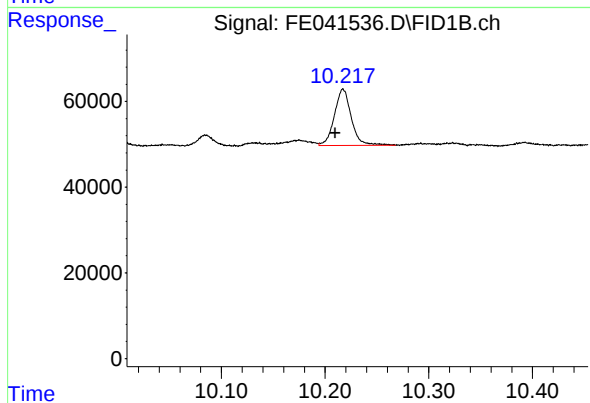
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.418 min
Delta R.T.: 0.013 min
Response: 46364
Conc: 0.29 ug/ml



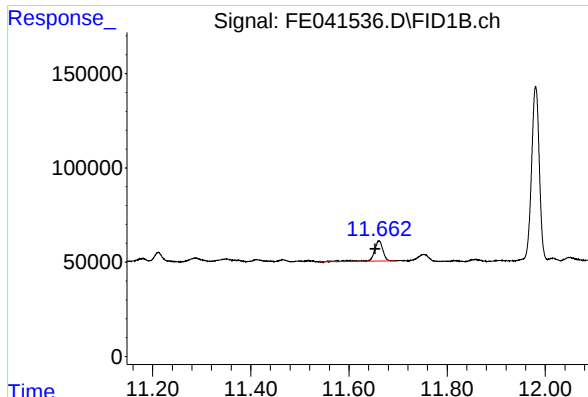
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: 0.006 min
Response: 93725
Conc: 0.62 ug/ml



#7 n-Hexadecane (C16)

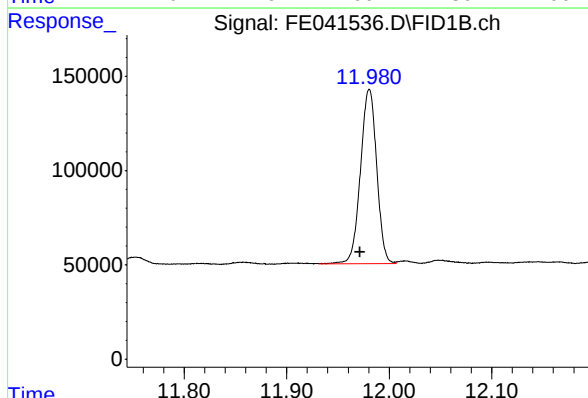
R.T.: 10.217 min
Delta R.T.: 0.008 min
Response: 148852
Conc: 0.93 ug/ml



#8 n-Octadecane (C18)

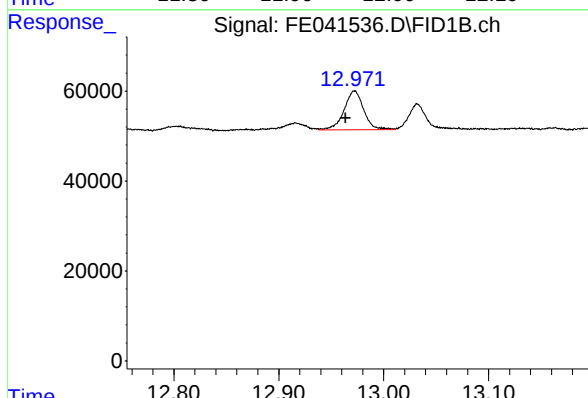
R.T.: 11.661 min
Delta R.T.: 0.008 min
Response: 135906
Conc: 0.83 ug/ml

Instrument :
FID_E
ClientSampleId :



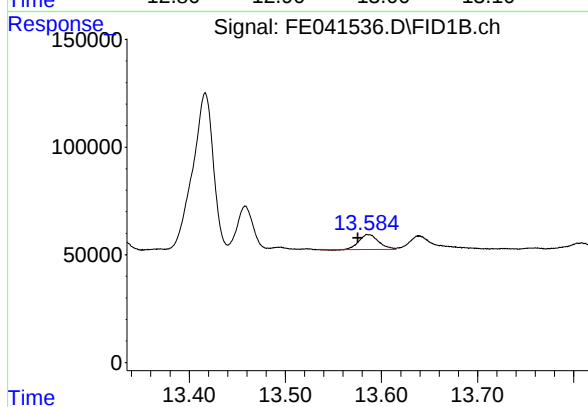
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: 0.009 min
Response: 1015249
Conc: 5.41 ug/ml



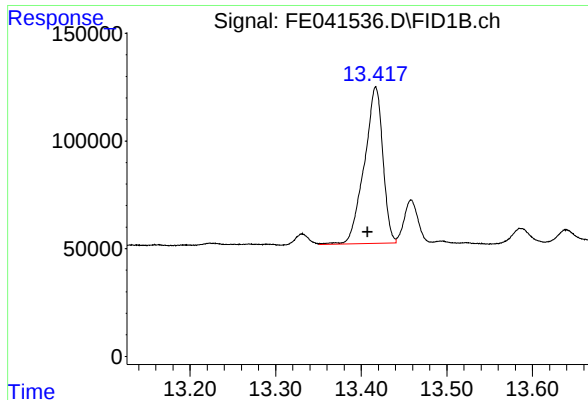
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: 0.009 min
Response: 112483
Conc: 0.70 ug/ml



#11 n-Heneicosane (C21)

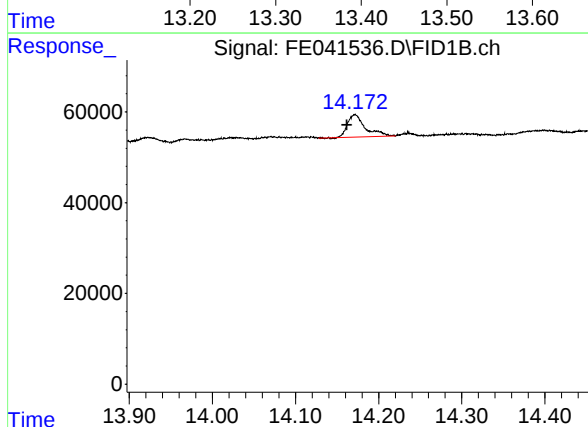
R.T.: 13.586 min
Delta R.T.: 0.010 min
Response: 99403
Conc: 0.62 ug/ml



#12 1-chlorooctadecane (SURR)

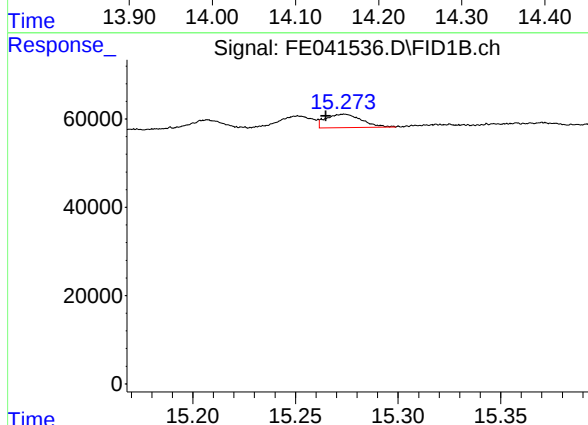
R.T.: 13.417 min
Delta R.T.: 0.009 min
Response: 1091624
Conc: 7.73 ug/ml

Instrument :
FID_E
ClientSampleId :



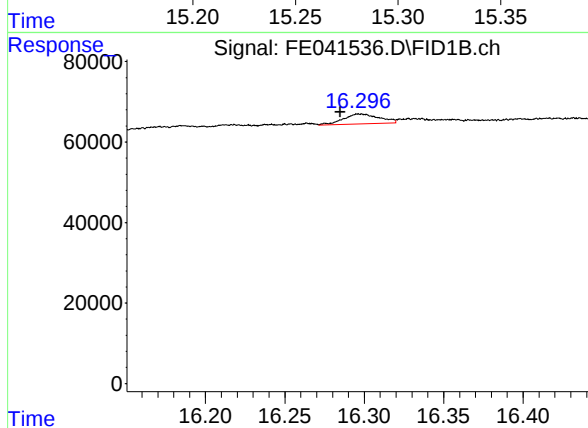
#13 n-Docosane (C22)

R.T.: 14.172 min
Delta R.T.: 0.010 min
Response: 73683
Conc: 0.46 ug/ml



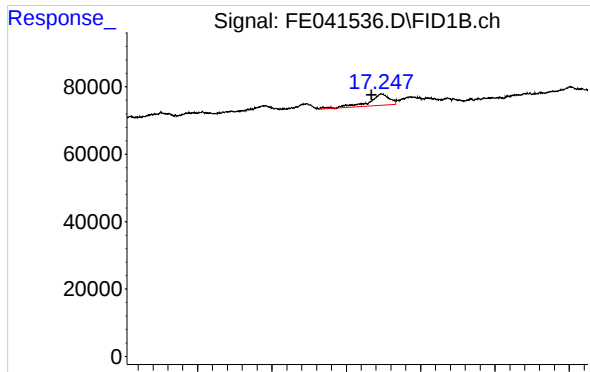
#14 n-Tetracosane (C24)

R.T.: 15.274 min
Delta R.T.: 0.009 min
Response: 36795
Conc: 0.23 ug/ml



#15 n-Hexacosane (C26)

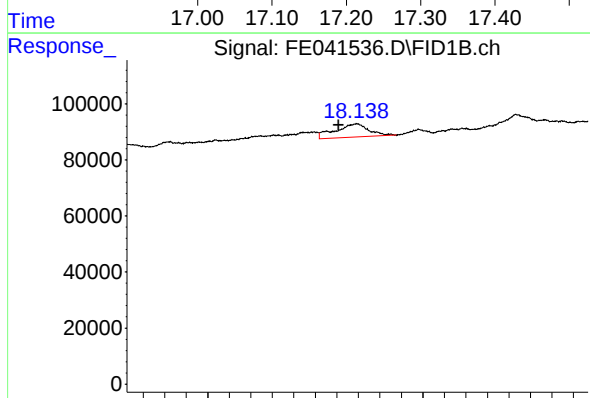
R.T.: 16.297 min
Delta R.T.: 0.012 min
Response: 38089
Conc: 0.24 ug/ml



#16 n-Octacosane (C28)

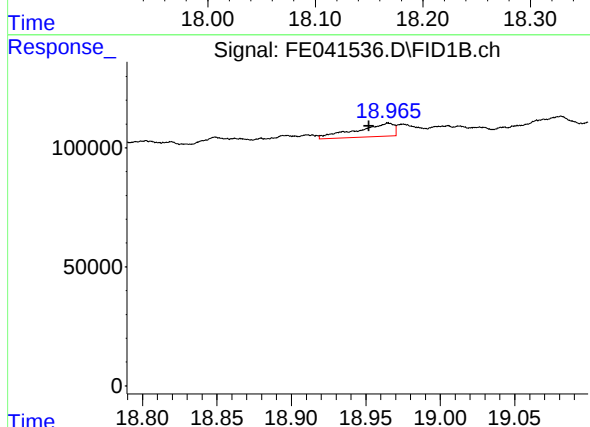
R.T.: 17.247 min
Delta R.T.: 0.013 min
Response: 63827
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :



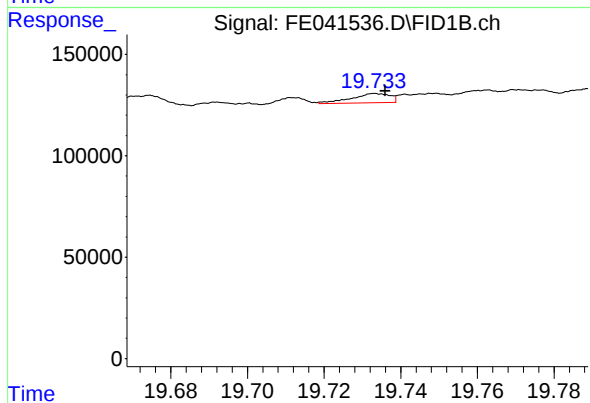
#17 n-Tricontane (C30)

R.T.: 18.139 min
Delta R.T.: 0.017 min
Response: 101725
Conc: 0.67 ug/ml



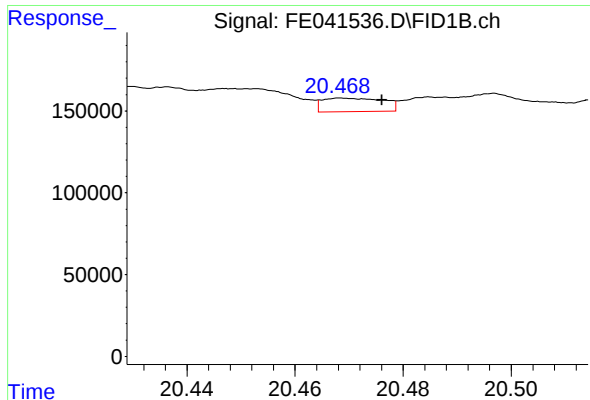
#18 n-Dotriacontane (C32)

R.T.: 18.965 min
Delta R.T.: 0.013 min
Response: 98008
Conc: 0.66 ug/ml



#19 n-Tetratriacontane (C34)

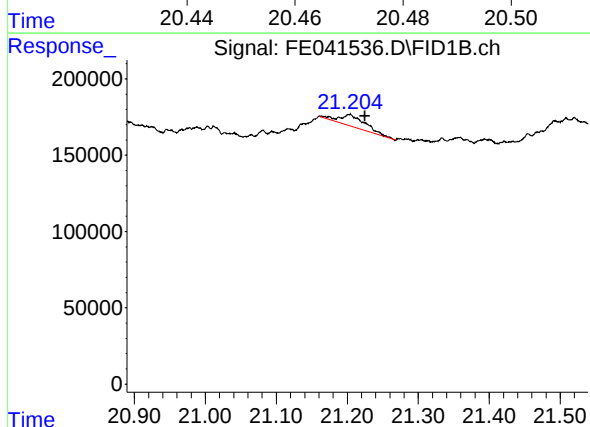
R.T.: 19.734 min
Delta R.T.: -0.002 min
Response: 31633
Conc: 0.22 ug/ml



#20 n-Hexatriacontane (C36)

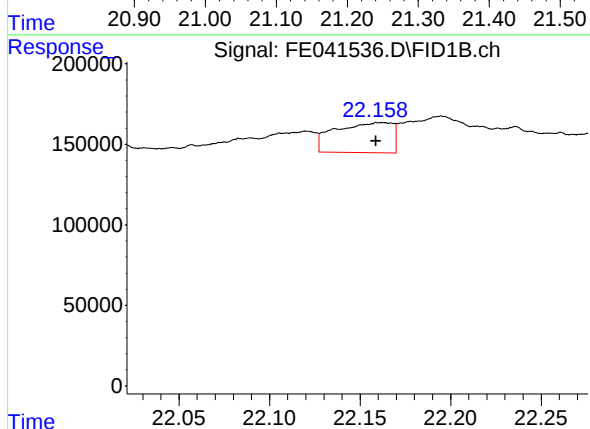
R.T.: 20.469 min
Delta R.T.: -0.007 min
Response: 64354
Conc: 0.48 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.022 min
Response: 197522
Conc: 1.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: 0.002 min
Response: 411313
Conc: 3.25 ug/ml