

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111423AL\
 Data File : FE045344.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2023 17:29
 Operator : YP\AJ
 Sample : 05384-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 14 21:46:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.879	5189730	27.182 ug/ml
Spiked Amount 50.000		Recovery =	54.36%
12) S 1-chlorooctadecane (S...	13.322	3945712	28.646 ug/ml
Spiked Amount 50.000		Recovery =	57.29%
Target Compounds			
1) T n-Nonane (C9)	3.210f	62127	0.376 ug/ml
6) T n-Tetradecane (C14)	8.509	49461	0.297 ug/ml
7) T n-Hexadecane (C16)	10.118	78986	0.470 ug/ml
8) T n-Octadecane (C18)	11.563	94597	0.565 ug/ml
10) T n-Eicosane (C20)	12.875	100586	0.635 ug/ml
11) T n-Heneicosane (C21)	13.489	89441	0.582 ug/ml
13) T n-Docosane (C22)	14.076	124398	0.821 ug/ml
14) T n-Tetracosane (C24)	15.180	70271	0.474 ug/ml
15) T n-Hexacosane (C26)	16.205	111877	0.768 ug/ml
16) T n-Octacosane (C28)	17.159	284668	1.948 ug/ml
17) T n-Tricontane (C30)	18.043	500994	3.298 ug/ml
18) T n-Dotriacontane (C32)	18.880	335327	2.146 ug/ml
19) T n-Tetratriacontane (C34)	19.677	345828	2.215 ug/ml
20) T n-Hexatriacontane (C36)	20.411	222874	1.373 ug/ml
21) T n-Octatriacontane (C38)	21.148	418822	2.521 ug/ml
22) T n-Tetracontane (C40)	22.059	251564	1.473 ug/ml

(f)=RT Delta > 1/2 Window

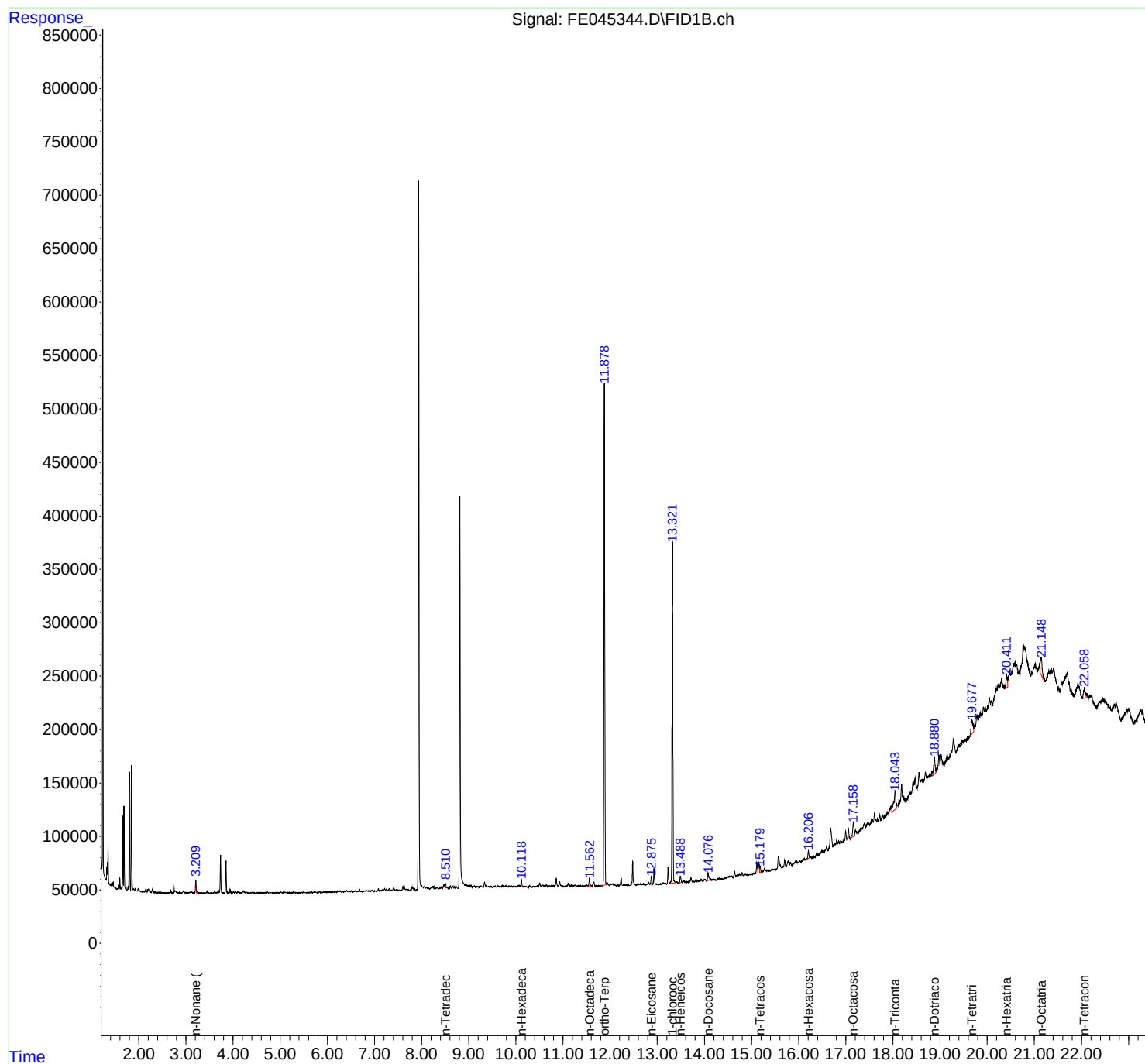
(m)=manual int.

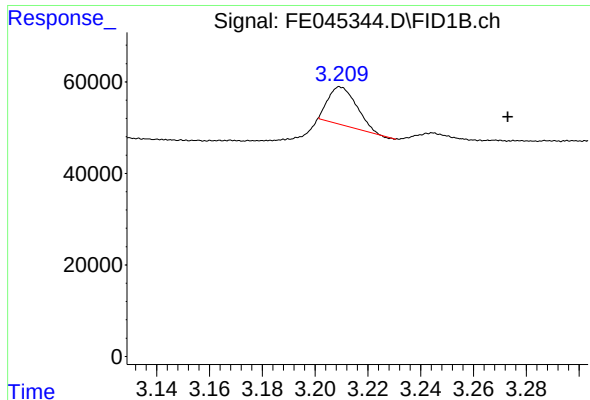
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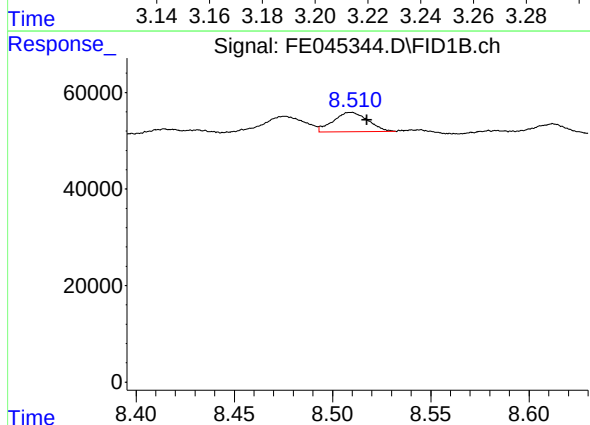




#1 n-Nonane (C9)

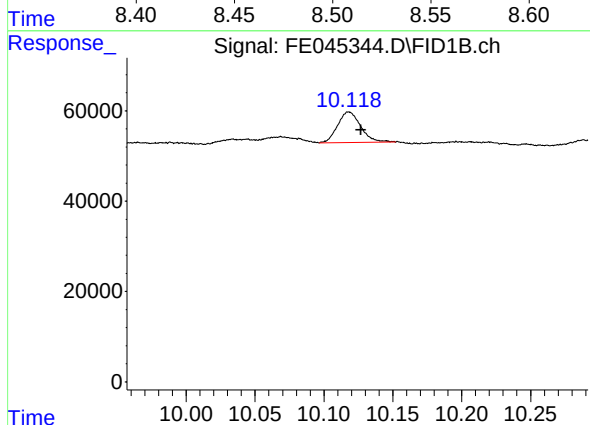
R.T.: 3.210 min
Delta R.T.: -0.063 min
Response: 62127
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :



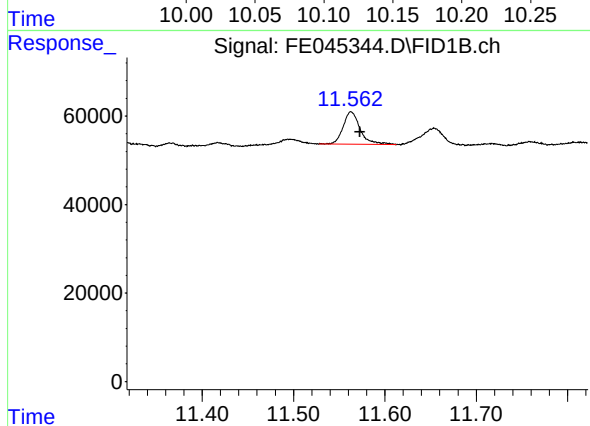
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.008 min
Response: 49461
Conc: 0.30 ug/ml



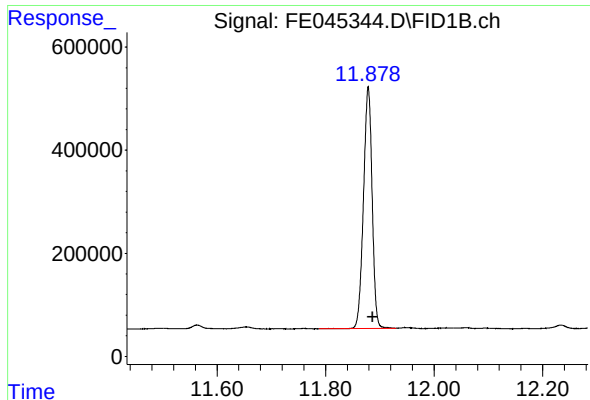
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: -0.009 min
Response: 78986
Conc: 0.47 ug/ml



#8 n-Octadecane (C18)

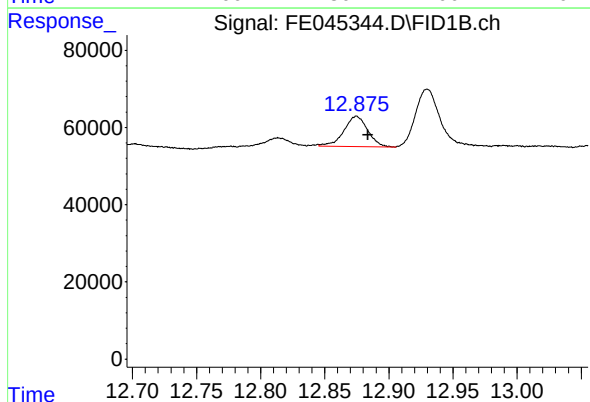
R.T.: 11.563 min
Delta R.T.: -0.010 min
Response: 94597
Conc: 0.57 ug/ml



#9 ortho-Terphenyl (SURR)

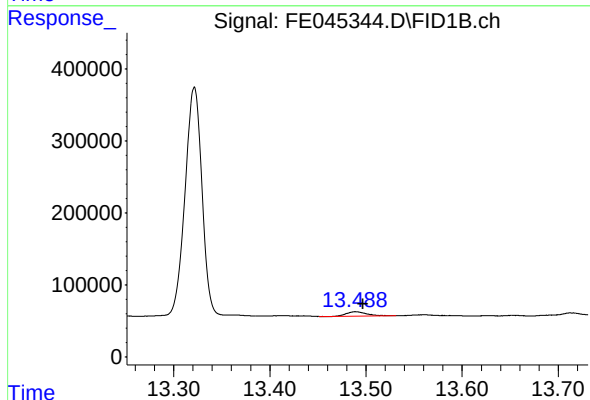
R.T.: 11.879 min
Delta R.T.: -0.008 min
Response: 5189730
Conc: 27.18 ug/ml

Instrument :
FID_E
ClientSampleId :



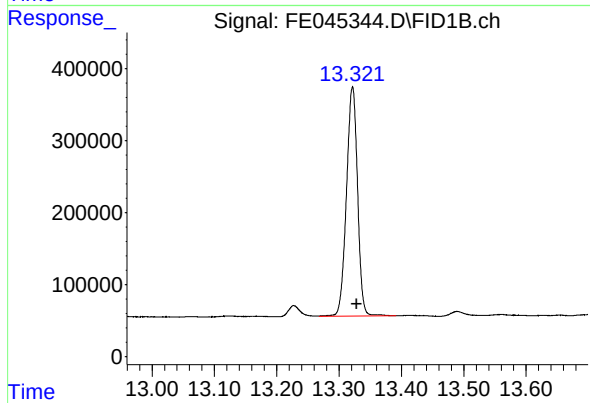
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.009 min
Response: 100586
Conc: 0.63 ug/ml



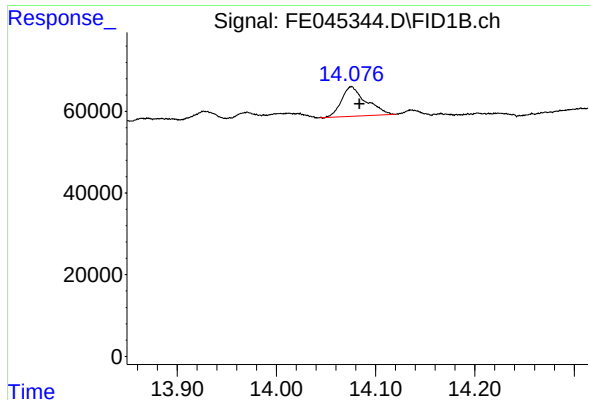
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: -0.008 min
Response: 89441
Conc: 0.58 ug/ml



#12 1-chlorooctadecane (SURR)

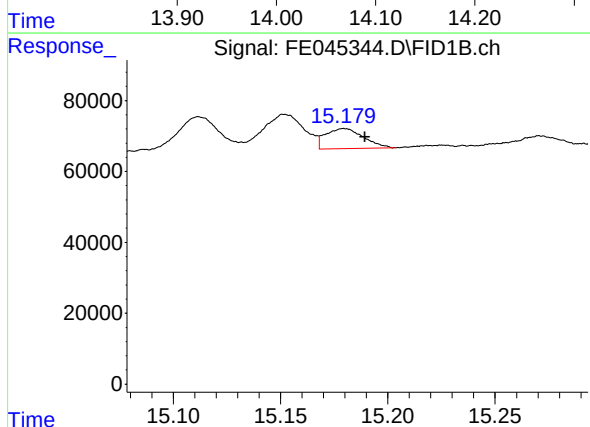
R.T.: 13.322 min
Delta R.T.: -0.006 min
Response: 3945712
Conc: 28.65 ug/ml



#13 n-Docosane (C22)

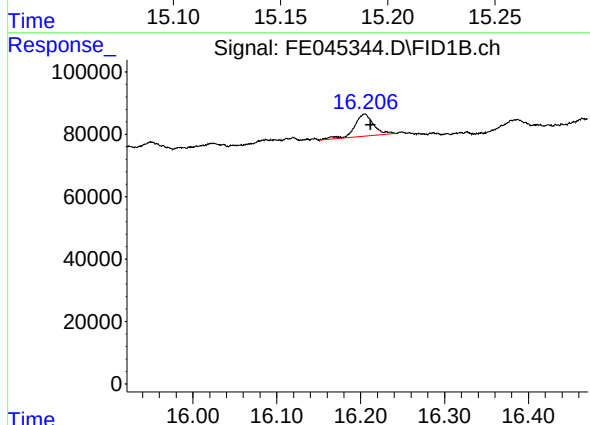
R.T.: 14.076 min
Delta R.T.: -0.008 min
Response: 124398
Conc: 0.82 ug/ml

Instrument :
FID_E
ClientSampleId :



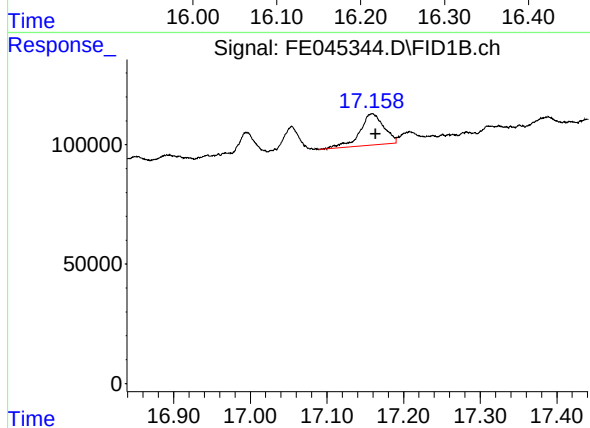
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: -0.009 min
Response: 70271
Conc: 0.47 ug/ml



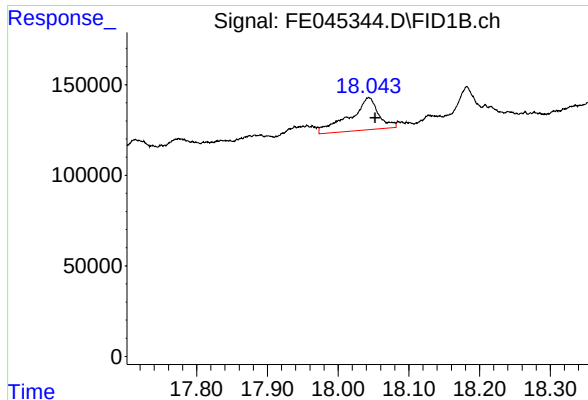
#15 n-Hexacosane (C26)

R.T.: 16.205 min
Delta R.T.: -0.007 min
Response: 111877
Conc: 0.77 ug/ml



#16 n-Octacosane (C28)

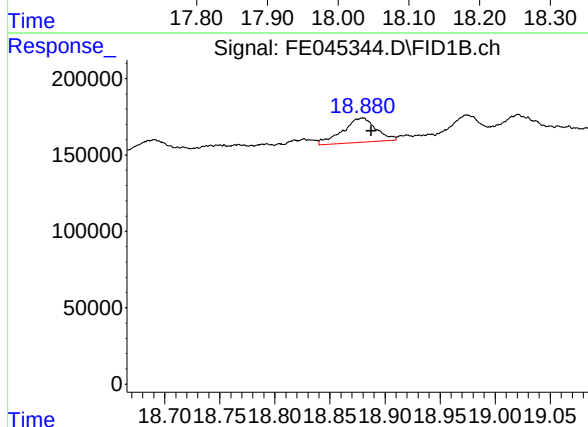
R.T.: 17.159 min
Delta R.T.: -0.005 min
Response: 284668
Conc: 1.95 ug/ml



#17 n-Tricontane (C30)

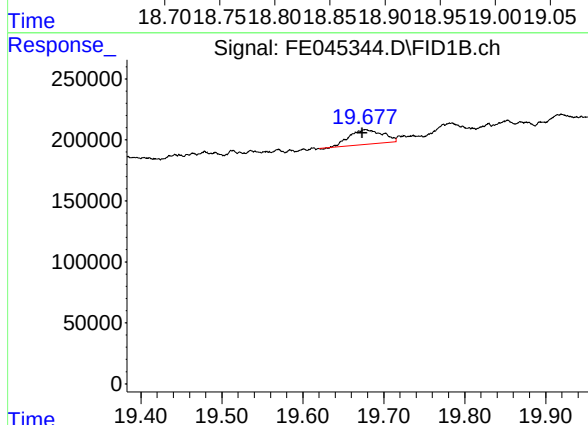
R.T.: 18.043 min
Delta R.T.: -0.009 min
Response: 500994
Conc: 3.30 ug/ml

Instrument :
FID_E
ClientSampleId :



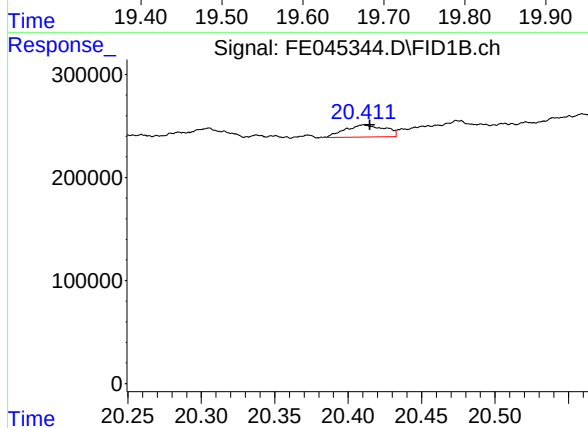
#18 n-Dotriacontane (C32)

R.T.: 18.880 min
Delta R.T.: -0.008 min
Response: 335327
Conc: 2.15 ug/ml



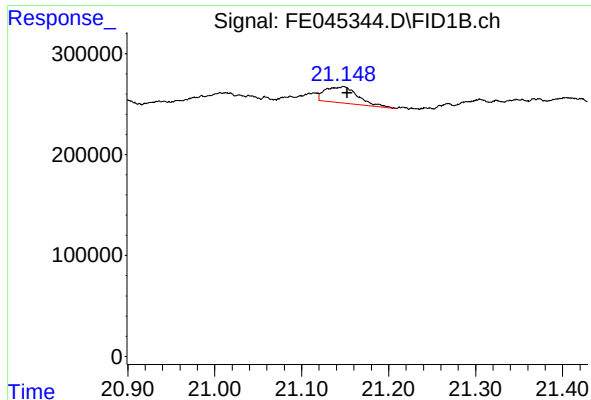
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min
Delta R.T.: 0.004 min
Response: 345828
Conc: 2.21 ug/ml



#20 n-Hexatriacontane (C36)

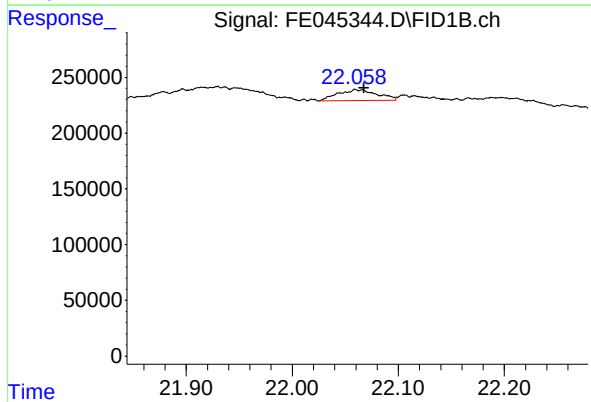
R.T.: 20.411 min
Delta R.T.: -0.004 min
Response: 222874
Conc: 1.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.148 min
Delta R.T.: -0.004 min
Response: 418822
Conc: 2.52 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.059 min
Delta R.T.: -0.008 min
Response: 251564
Conc: 1.47 ug/ml