

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122823AL\
 Data File : FE046009.D
 Signal(s) : FID1B.ch
 Acq On : 28 Dec 2023 17:31
 Operator : YP\AJ
 Sample : 06034-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 28 23:52:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.841	6164316	29.478 ug/ml
Spiked Amount 50.000		Recovery =	58.96%
12) S 1-chlorooctadecane (S...	13.284	4815555	30.605 ug/ml
Spiked Amount 50.000		Recovery =	61.21%
Target Compounds			
4) T n-Dodecane (C12)	6.642	71623	0.443 ug/ml
5) T A~2-methylnaphthalene...	7.362f	57403	0.338 ug/ml
6) T n-Tetradecane (C14)	8.470	107627	0.671 ug/ml
7) T n-Hexadecane (C16)	10.079	103905	0.627 ug/ml
8) T n-Octadecane (C18)	11.525	86329	0.504 ug/ml
10) T n-Eicosane (C20)	12.836	92480	0.534 ug/ml
11) T n-Heneicosane (C21)	13.450	46992	0.273 ug/ml
13) T n-Docosane (C22)	14.037	29196	0.169 ug/ml
14) T n-Tetracosane (C24)	15.145	163890	0.939 ug/ml
15) T n-Hexacosane (C26)	16.168	236281	1.357 ug/ml
16) T n-Octacosane (C28)	17.135	179205	1.037 ug/ml
17) T n-Tricontane (C30)	18.011	202870	1.160 ug/ml
18) T n-Dotriacontane (C32)	18.855	180912	0.992 ug/ml
19) T n-Tetratriacontane (C34)	19.638	105142	0.634 ug/ml
20) T n-Hexatriacontane (C36)	20.388	93526	0.589 ug/ml
21) T n-Octatriacontane (C38)	21.078	92826	0.592 ug/ml
22) T n-Tetracontane (C40)	22.020	73372	0.516 ug/ml

(f)=RT Delta > 1/2 Window

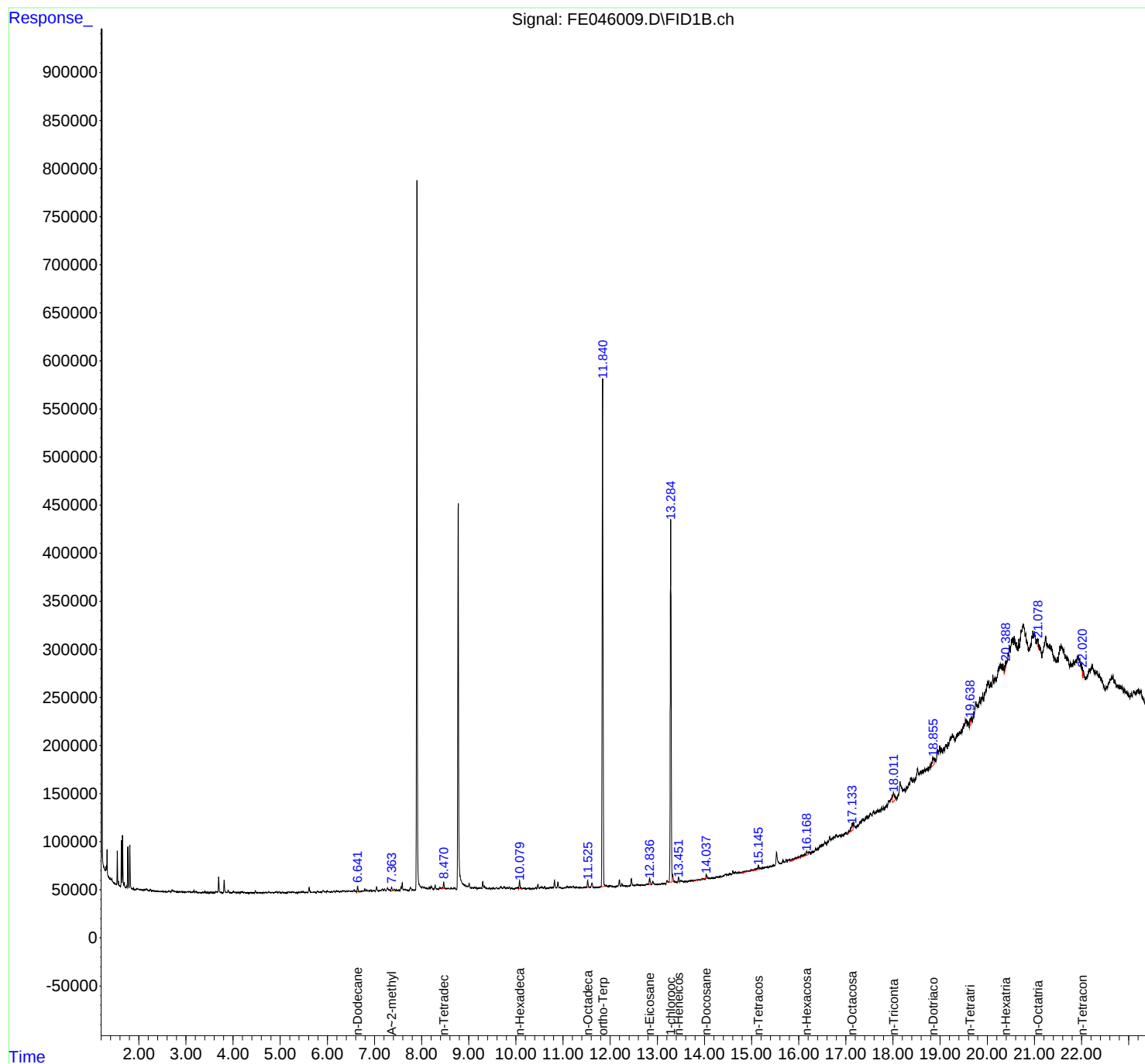
(m)=manual int.

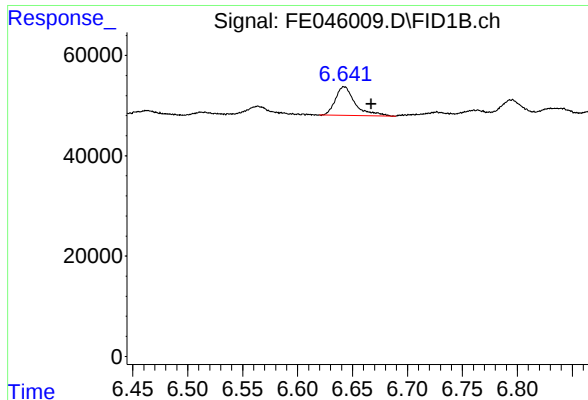
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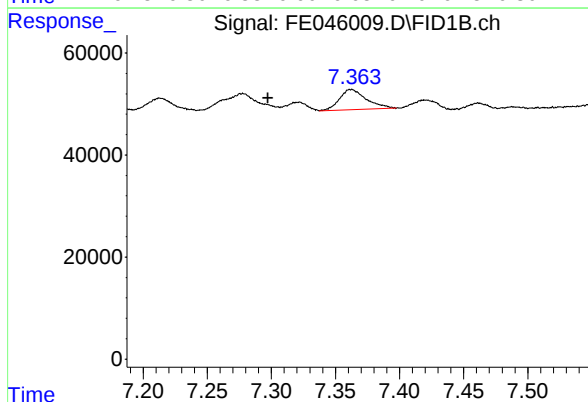




#4 n-Dodecane (C12)

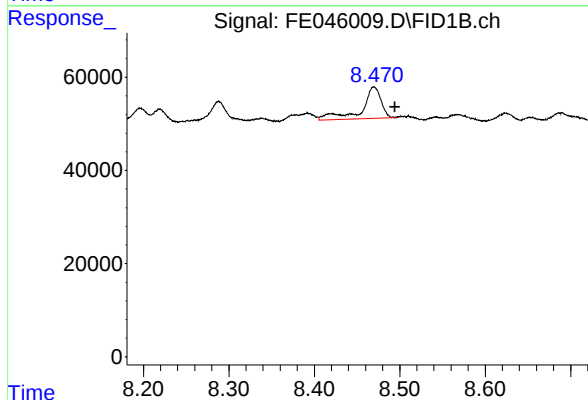
R.T.: 6.642 min
Delta R.T.: -0.025 min
Response: 71623
Conc: 0.44 ug/ml

Instrument :
FID_E
ClientSampleId :



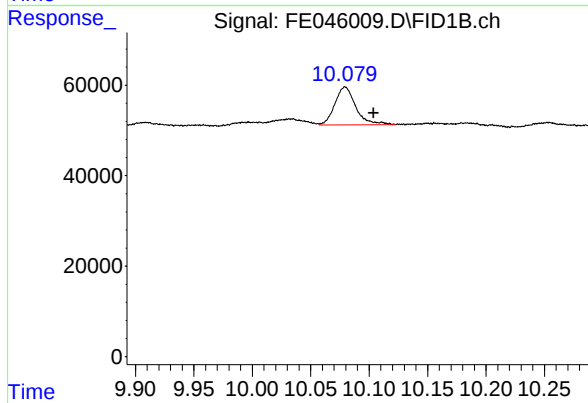
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.362 min
Delta R.T.: 0.065 min
Response: 57403
Conc: 0.34 ug/ml



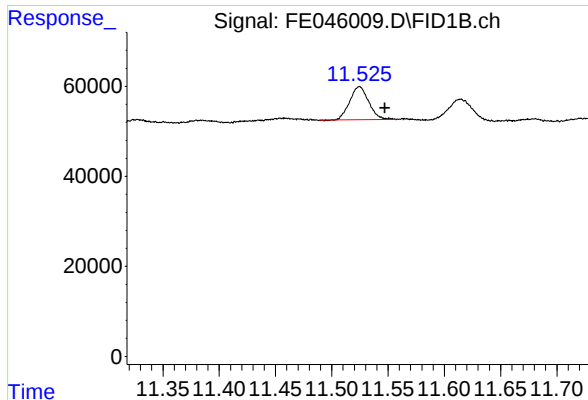
#6 n-Tetradecane (C14)

R.T.: 8.470 min
Delta R.T.: -0.025 min
Response: 107627
Conc: 0.67 ug/ml



#7 n-Hexadecane (C16)

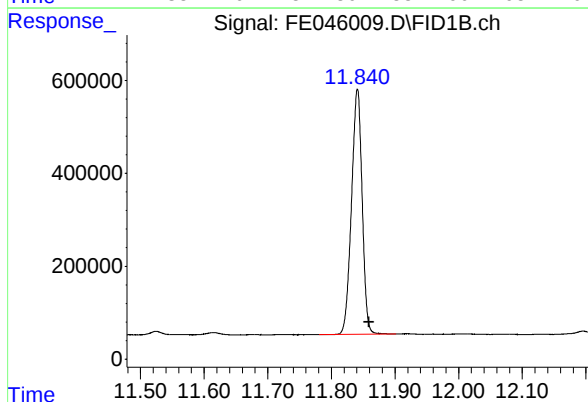
R.T.: 10.079 min
Delta R.T.: -0.025 min
Response: 103905
Conc: 0.63 ug/ml



#8 n-Octadecane (C18)

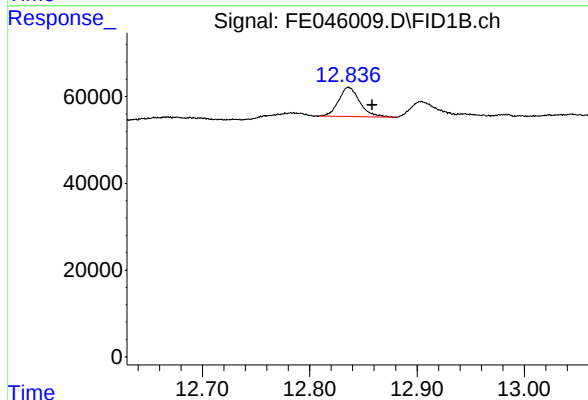
R.T.: 11.525 min
Delta R.T.: -0.023 min
Response: 86329
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :



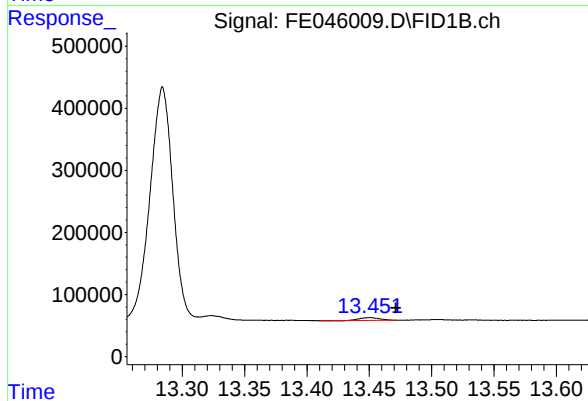
#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.018 min
Response: 6164316
Conc: 29.48 ug/ml



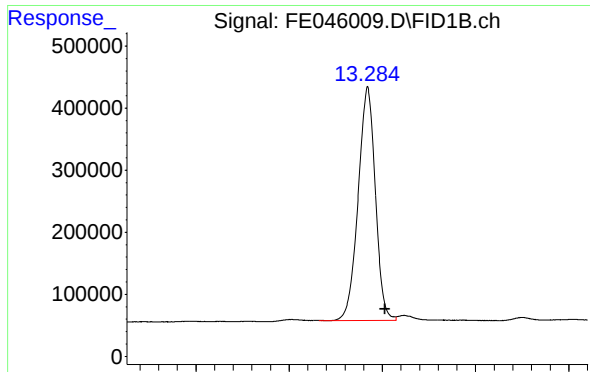
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.022 min
Response: 92480
Conc: 0.53 ug/ml



#11 n-Heneicosane (C21)

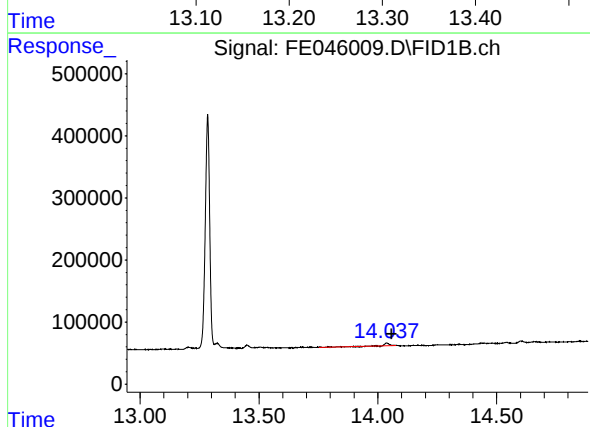
R.T.: 13.450 min
Delta R.T.: -0.021 min
Response: 46992
Conc: 0.27 ug/ml



#12 1-chlorooctadecane (SURR)

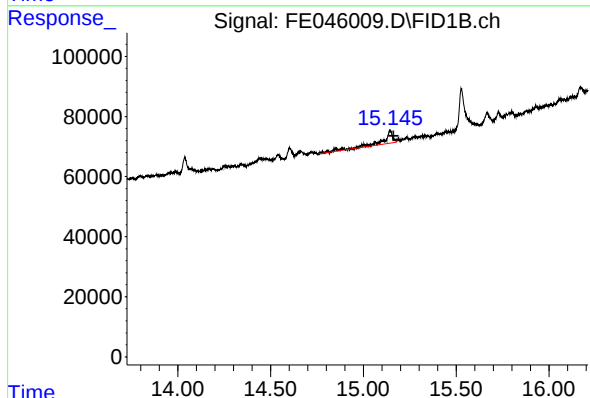
R.T.: 13.284 min
Delta R.T.: -0.019 min
Response: 481555
Conc: 30.60 ug/ml

Instrument :
FID_E
ClientSampleId :



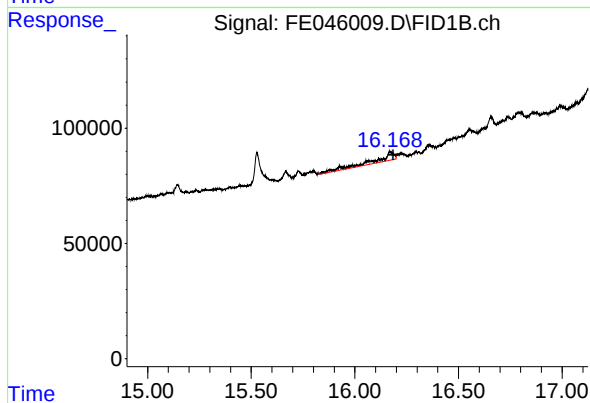
#13 n-Docosane (C22)

R.T.: 14.037 min
Delta R.T.: -0.021 min
Response: 29196
Conc: 0.17 ug/ml



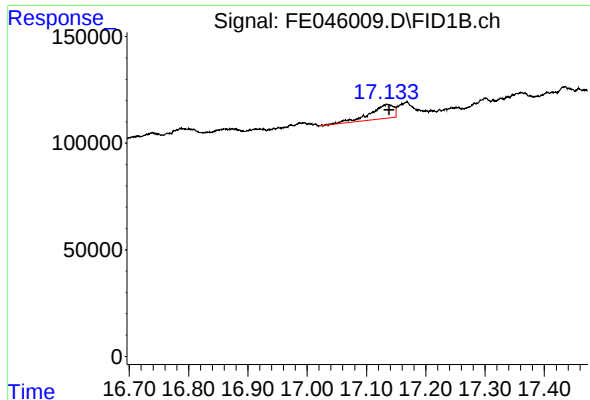
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: -0.019 min
Response: 163890
Conc: 0.94 ug/ml



#15 n-Hexacosane (C26)

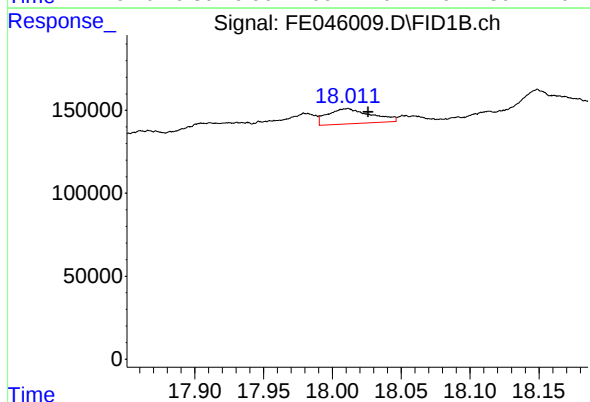
R.T.: 16.168 min
Delta R.T.: -0.018 min
Response: 236281
Conc: 1.36 ug/ml



#16 n-Octacosane (C28)

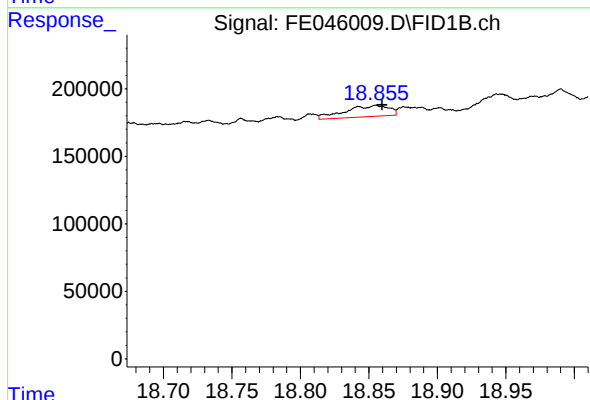
R.T.: 17.135 min
Delta R.T.: -0.003 min
Response: 179205
Conc: 1.04 ug/ml

Instrument :
FID_E
ClientSampleId :



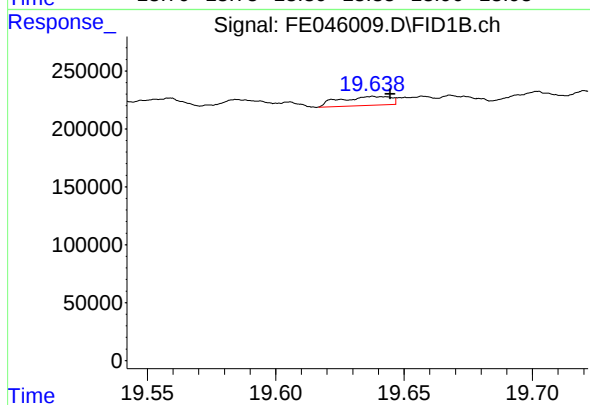
#17 n-Tricontane (C30)

R.T.: 18.011 min
Delta R.T.: -0.015 min
Response: 202870
Conc: 1.16 ug/ml



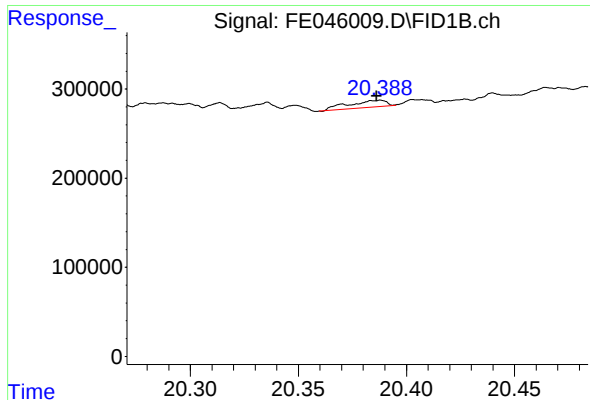
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.005 min
Response: 180912
Conc: 0.99 ug/ml



#19 n-Tetratriacontane (C34)

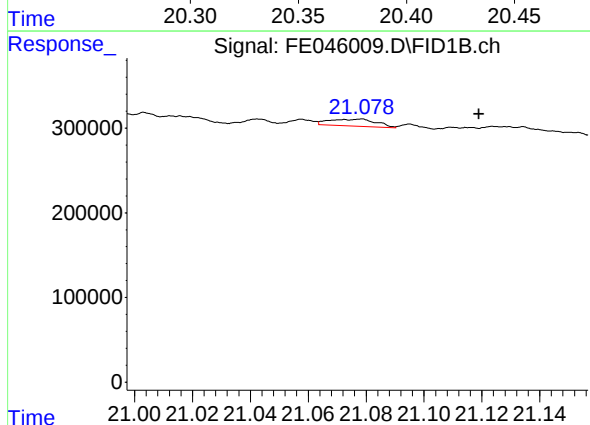
R.T.: 19.638 min
Delta R.T.: -0.006 min
Response: 105142
Conc: 0.63 ug/ml



#20 n-Hexatriacontane (C36)

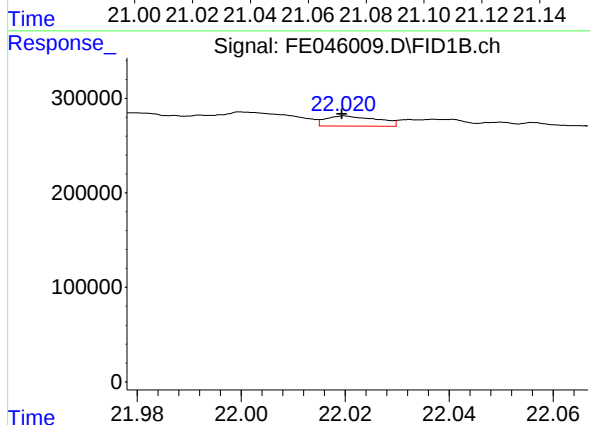
R.T.: 20.388 min
Delta R.T.: 0.001 min
Response: 93526
Conc: 0.59 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.078 min
Delta R.T.: -0.041 min
Response: 92826
Conc: 0.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.020 min
Delta R.T.: 0.000 min
Response: 73372
Conc: 0.52 ug/ml