

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110323AL\
 Data File : FE045179.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2023 16:27
 Operator : YP\AJ
 Sample : 05229-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 03 23:03:50 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)	11.889	4459748	22.247 ug/ml
Spiked Amount 50.000		Recovery =	44.49%
12) S 1-chlorooctadecane (S...	13.372	144905	0.979 ug/ml
Spiked Amount 50.000		Recovery =	1.96%
Target Compounds			
4) T n-Dodecane (C12)	6.691	50423	0.292 ug/ml
5) T A~2-methylnaphthalene...	7.326	46110	0.256 ug/ml
6) T n-Tetradecane (C14)	8.517	87519	0.510 ug/ml
7) T n-Hexadecane (C16)	10.128	168489	0.964 ug/ml
8) T n-Octadecane (C18)	11.573	162329	0.931 ug/ml
10) T n-Eicosane (C20)	12.885	143294	0.858 ug/ml
11) T n-Heneicosane (C21)	13.499	92513	0.568 ug/ml
13) T n-Docosane (C22)	14.086	145040	0.907 ug/ml
14) T n-Tetracosane (C24)	15.190	73464	0.473 ug/ml
15) T n-Hexacosane (C26)	16.218	97706	0.651 ug/ml
16) T n-Octacosane (C28)	17.169	340630	2.320 ug/ml
17) T n-Tricontane (C30)	18.101	227122	1.527 ug/ml
18) T n-Dotriacontane (C32)	18.891	1010469	6.732 ug/ml
19) T n-Tetratriacontane (C34)	19.701	709109	4.763 ug/ml
20) T n-Hexatriacontane (C36)	20.435	803101	5.224 ug/ml
21) T n-Octatriacontane (C38)	21.164	1813191	11.607 ug/ml
22) T n-Tetracontane (C40)	22.082	485476	2.905 ug/ml

(f)=RT Delta > 1/2 Window

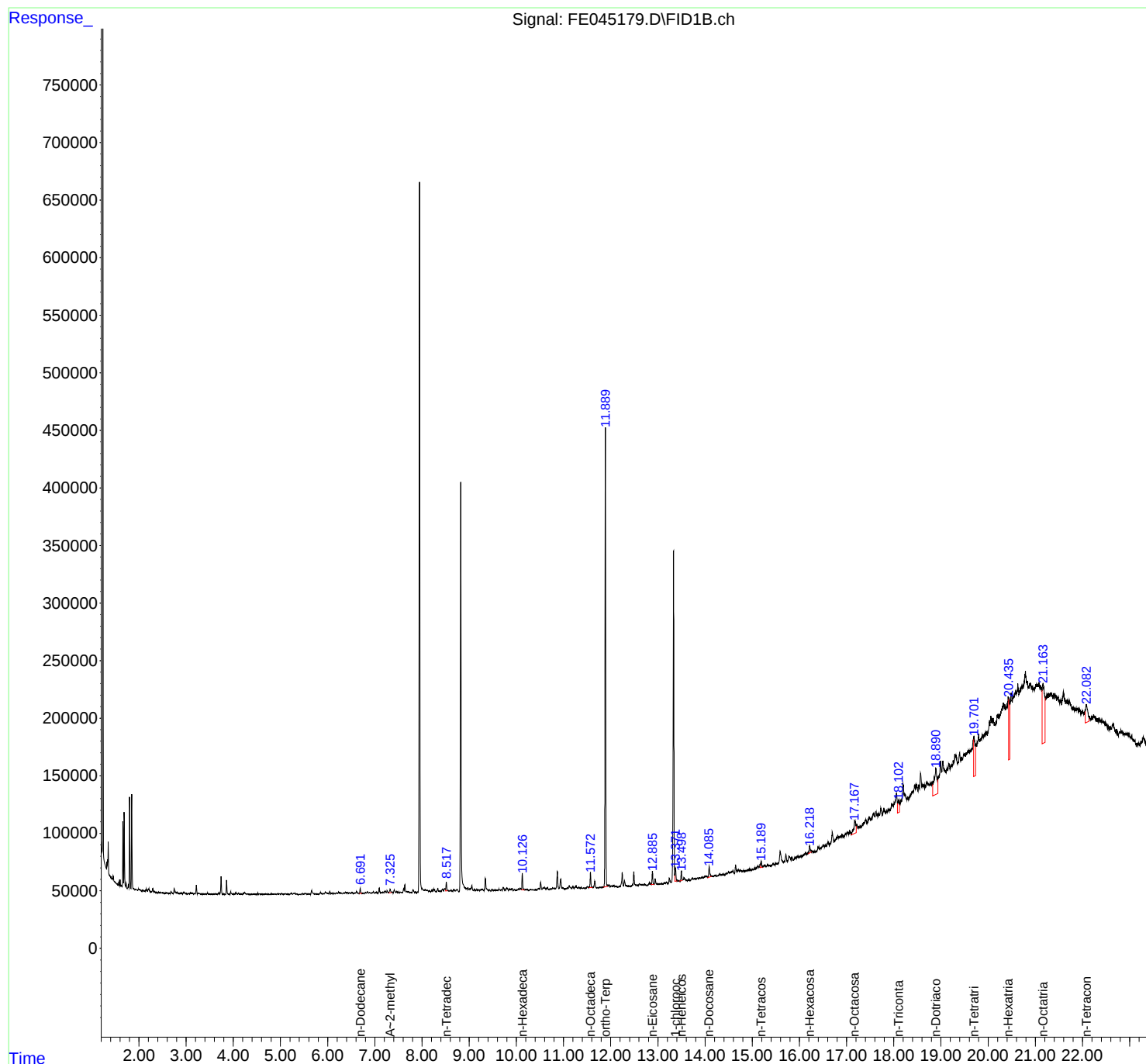
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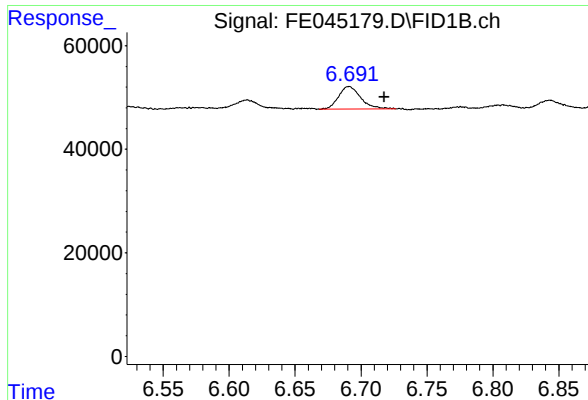
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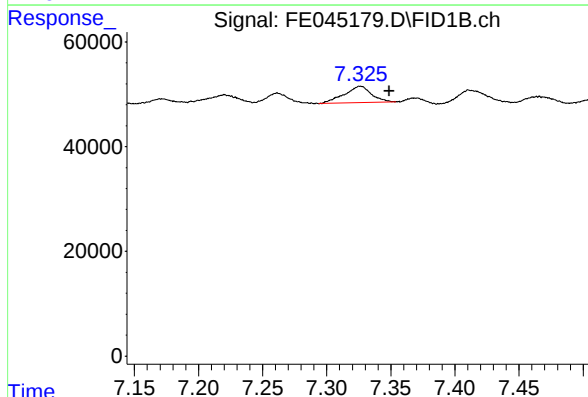




#4 n-Dodecane (C12)

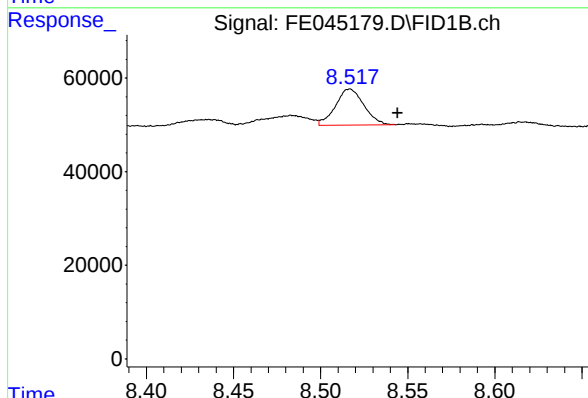
R.T.: 6.691 min
Delta R.T.: -0.027 min
Response: 50423
Conc: 0.29 ug/ml

Instrument :
FID_E
ClientSampleId :



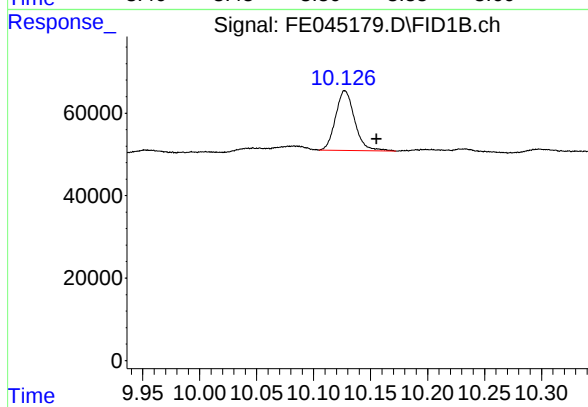
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.326 min
Delta R.T.: -0.023 min
Response: 46110
Conc: 0.26 ug/ml



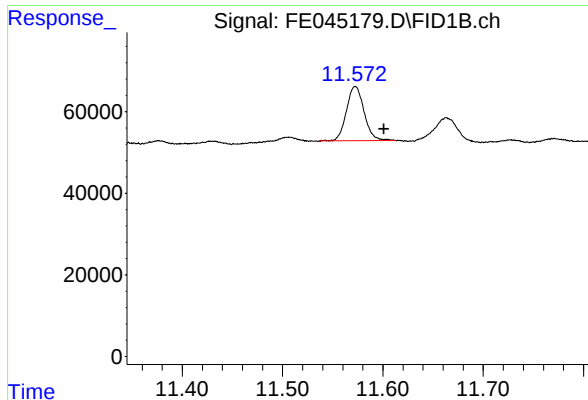
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: -0.028 min
Response: 87519
Conc: 0.51 ug/ml



#7 n-Hexadecane (C16)

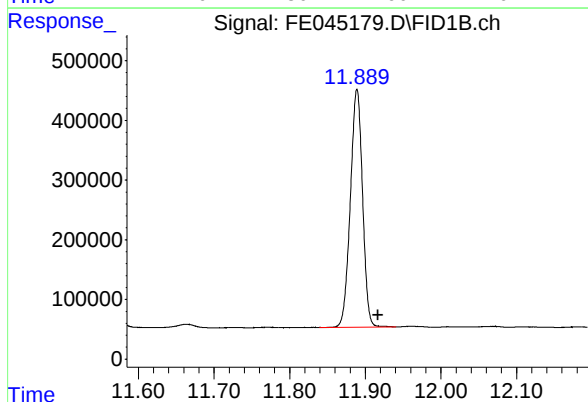
R.T.: 10.128 min
Delta R.T.: -0.028 min
Response: 168489
Conc: 0.96 ug/ml



#8 n-Octadecane (C18)

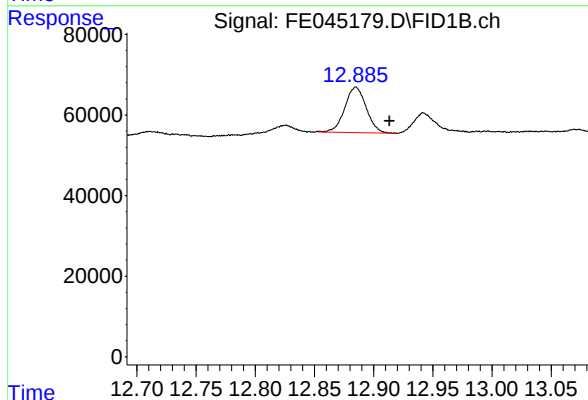
R.T.: 11.573 min
Delta R.T.: -0.029 min
Response: 162329
Conc: 0.93 ug/ml

Instrument :
FID_E
ClientSampleId :



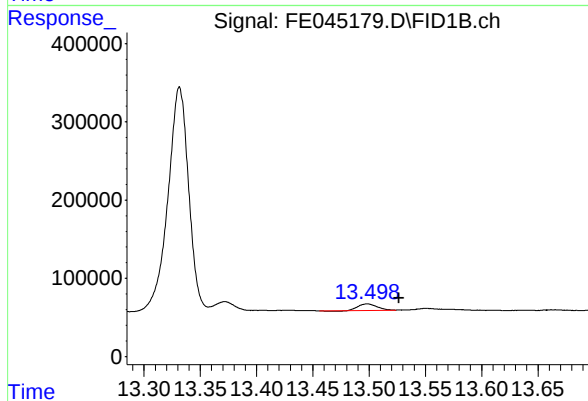
#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min
Delta R.T.: -0.028 min
Response: 4459748
Conc: 22.25 ug/ml



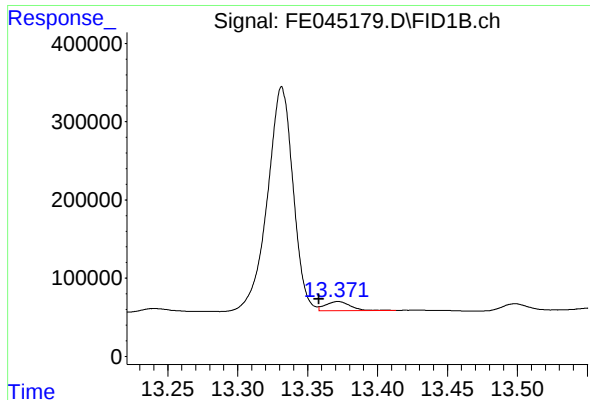
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.028 min
Response: 143294
Conc: 0.86 ug/ml



#11 n-Heneicosane (C21)

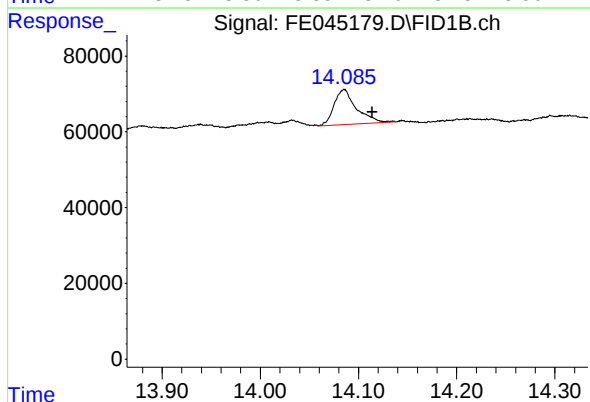
R.T.: 13.499 min
Delta R.T.: -0.028 min
Response: 92513
Conc: 0.57 ug/ml



#12 1-chlorooctadecane (SURR)

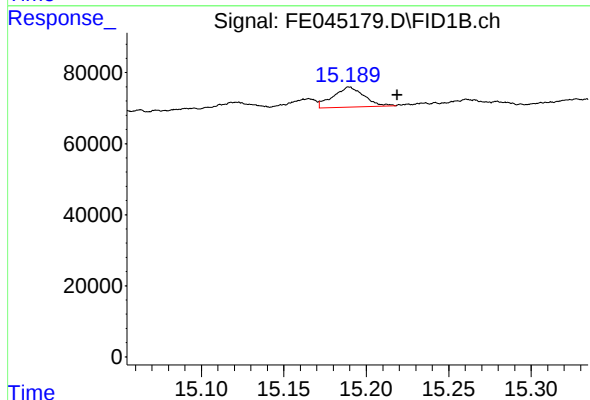
R.T.: 13.372 min
Delta R.T.: 0.014 min
Response: 144905
Conc: 0.98 ug/ml

Instrument :
FID_E
ClientSampleId :



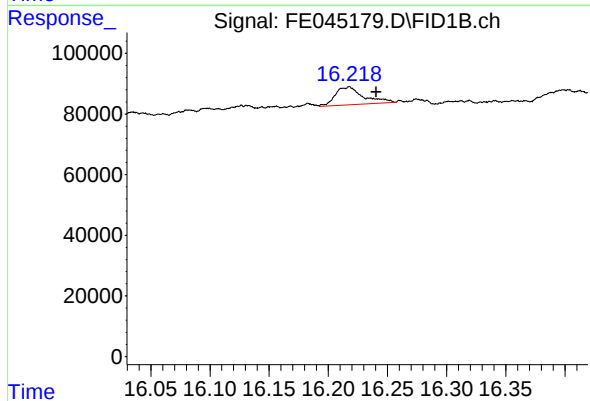
#13 n-Docosane (C22)

R.T.: 14.086 min
Delta R.T.: -0.028 min
Response: 145040
Conc: 0.91 ug/ml



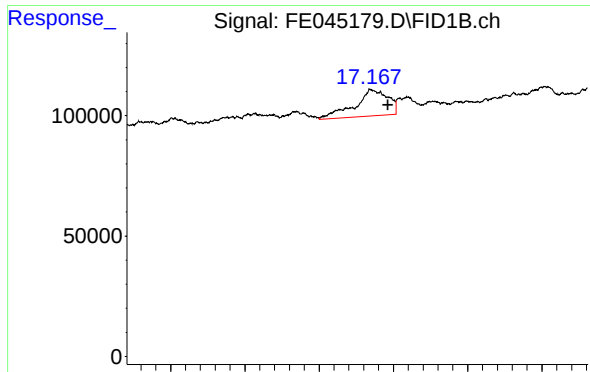
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: -0.029 min
Response: 73464
Conc: 0.47 ug/ml



#15 n-Hexacosane (C26)

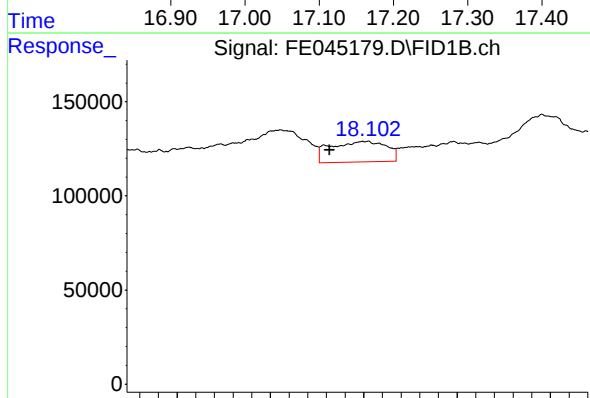
R.T.: 16.218 min
Delta R.T.: -0.023 min
Response: 97706
Conc: 0.65 ug/ml



#16 n-Octacosane (C28)

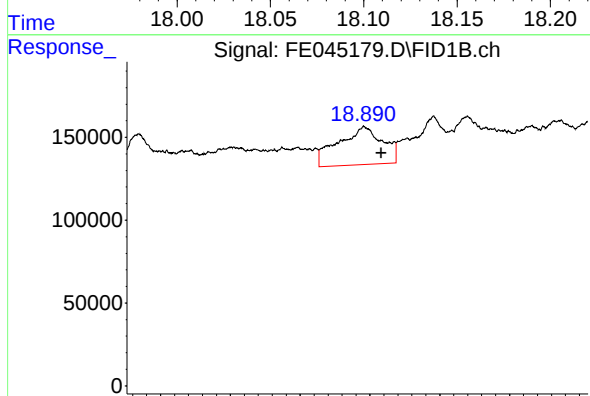
R.T.: 17.169 min
Delta R.T.: -0.023 min
Response: 340630
Conc: 2.32 ug/ml

Instrument :
FID_E
ClientSampleId :



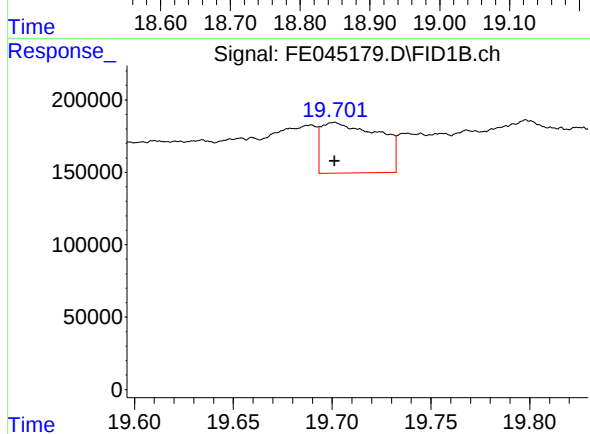
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.019 min
Response: 227122
Conc: 1.53 ug/ml



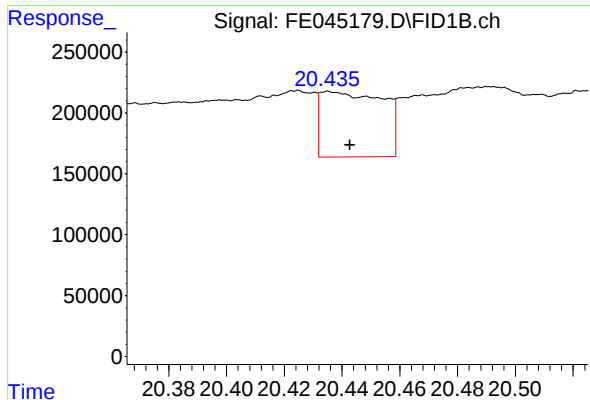
#18 n-Dotriacontane (C32)

R.T.: 18.891 min
Delta R.T.: -0.025 min
Response: 1010469
Conc: 6.73 ug/ml



#19 n-Tetratriacontane (C34)

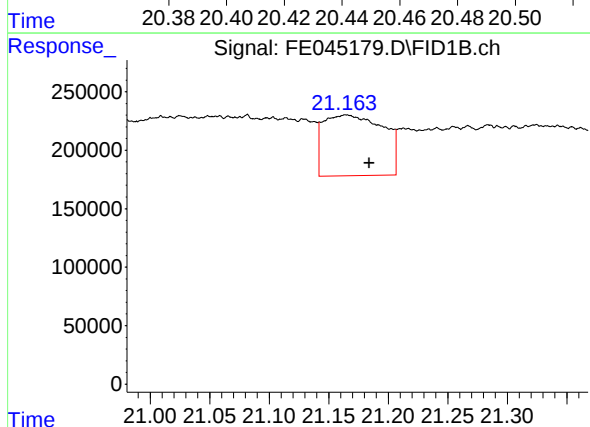
R.T.: 19.701 min
Delta R.T.: 0.000 min
Response: 709109
Conc: 4.76 ug/ml



#20 n-Hexatriacontane (C36)

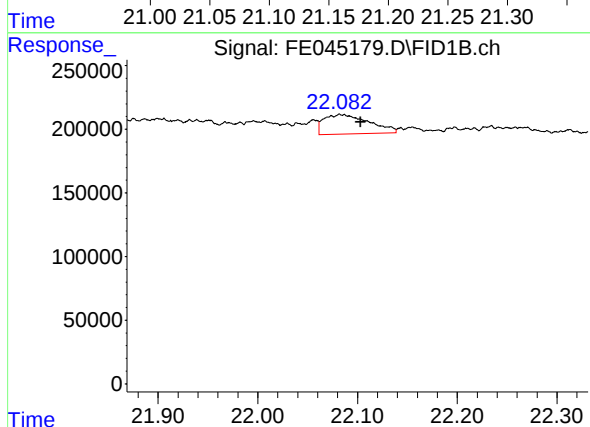
R.T.: 20.435 min
Delta R.T.: -0.008 min
Response: 803101
Conc: 5.22 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: -0.020 min
Response: 1813191
Conc: 11.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: -0.021 min
Response: 485476
Conc: 2.90 ug/ml