

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051623AL\
 Data File : FE041942.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2023 15:26
 Operator : YP\AJ
 Sample : 02802-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 17 01:15:14 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)	11.972	4740117	25.266 ug/ml
Spiked Amount 50.000		Recovery =	50.53%
12) S 1-chlorooctadecane (S...	13.409	4160893	29.454 ug/ml
Spiked Amount 50.000		Recovery =	58.91%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.307	76998	0.465 ug/ml
5) T A~2-methylnaphthalene...	7.404	139635	0.866 ug/ml
6) T n-Tetradecane (C14)	8.578	11044	0.073 ug/ml
7) T n-Hexadecane (C16)	10.217	187485	1.175 ug/ml
8) T n-Octadecane (C18)	11.650	108787	0.664 ug/ml
10) T n-Eicosane (C20)	12.968	200517	1.247 ug/ml
11) T n-Heneicosane (C21)	13.592	270326	1.696 ug/ml
13) T n-Docosane (C22)	14.190	506018	3.176 ug/ml
14) T n-Tetracosane (C24)	15.243	1007739	6.251 ug/ml
15) T n-Hexacosane (C26)	16.292	201765	1.276 ug/ml
16) T n-Octacosane (C28)	17.243	480469	3.123 ug/ml
17) T n-Tricontane (C30)	18.127	537651	3.530 ug/ml
18) T n-Dotriacontane (C32)	18.957	223250	1.499 ug/ml
19) T n-Tetratriacontane (C34)	19.740	138323	0.982 ug/ml
20) T n-Hexatriacontane (C36)	20.487	396862	2.968 ug/ml
21) T n-Octatriacontane (C38)	21.234	81877	0.620 ug/ml
22) T n-Tetracontane (C40)	22.179	248674	1.964 ug/ml

(f)=RT Delta > 1/2 Window

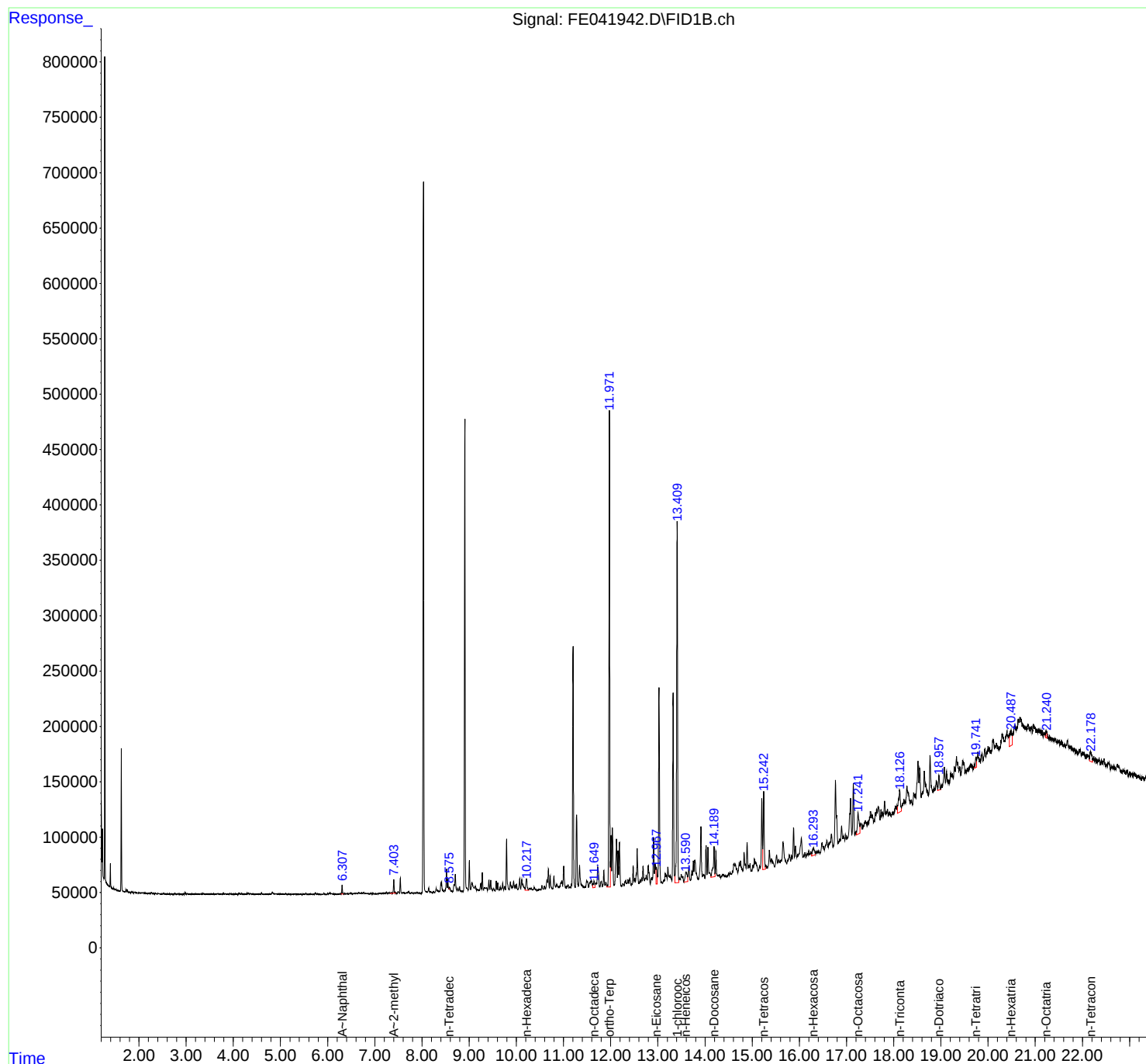
(m)=manual int.

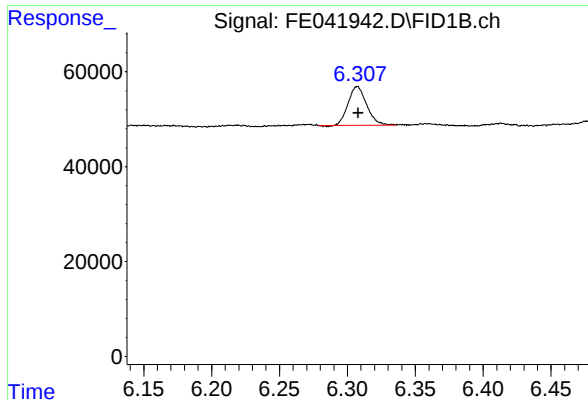
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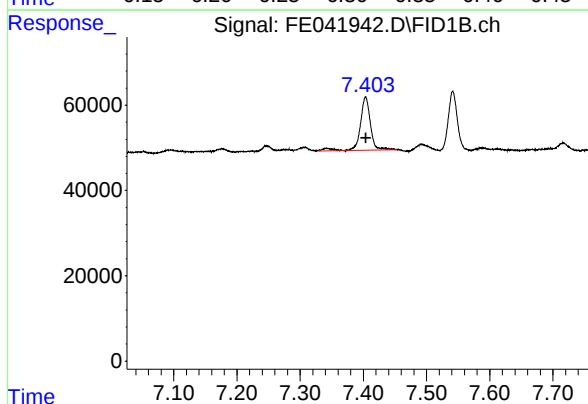




#3 A~Naphthalene (C11.7)

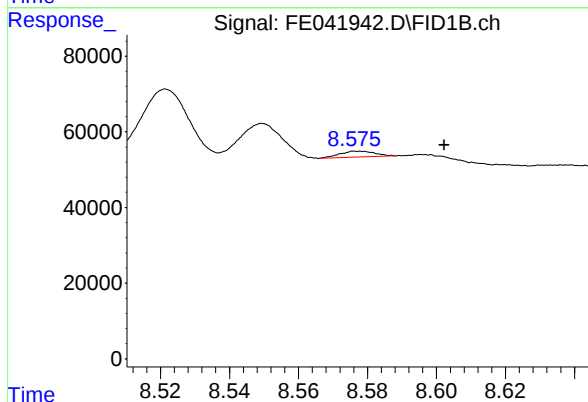
R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 76998
Conc: 0.47 ug/ml

Instrument :
FID_E
ClientSampleId :



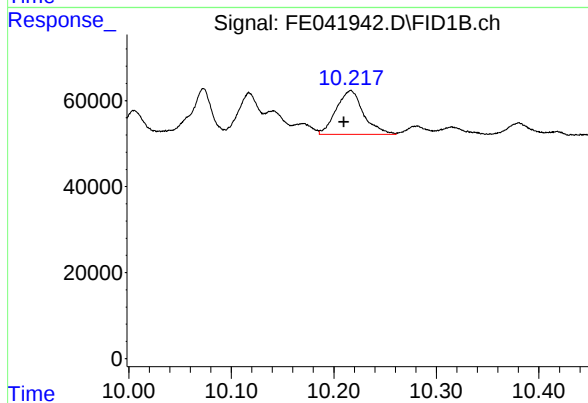
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 139635
Conc: 0.87 ug/ml



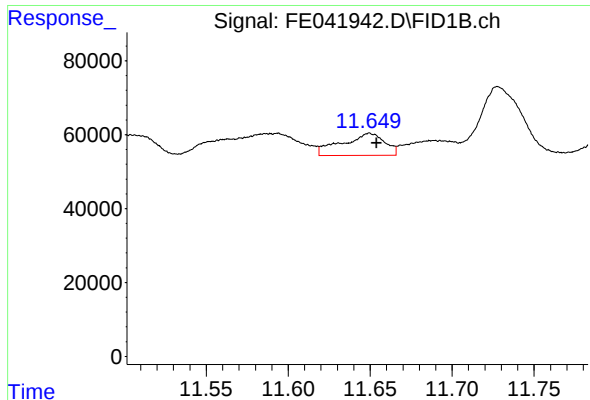
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: -0.025 min
Response: 11044
Conc: 0.07 ug/ml



#7 n-Hexadecane (C16)

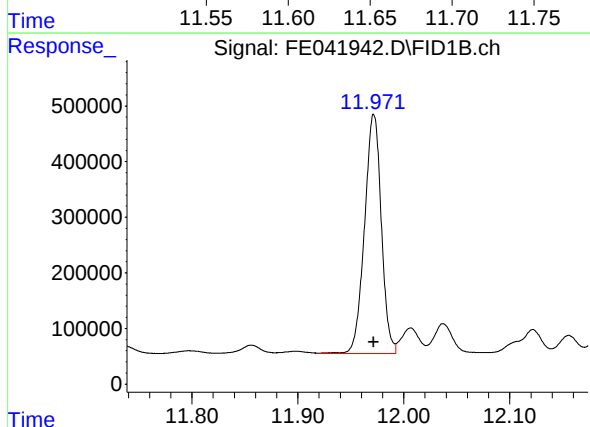
R.T.: 10.217 min
Delta R.T.: 0.007 min
Response: 187485
Conc: 1.17 ug/ml



#8 n-Octadecane (C18)

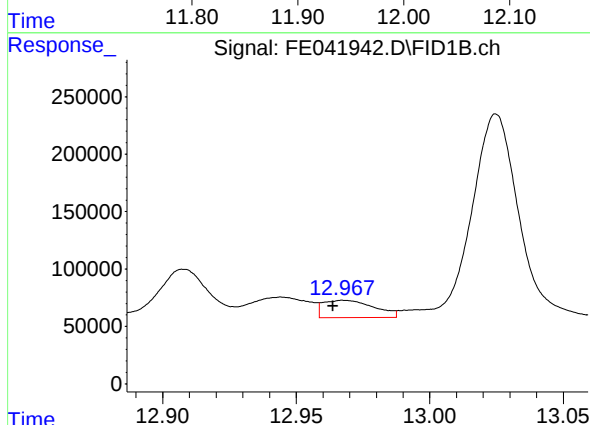
R.T.: 11.650 min
Delta R.T.: -0.004 min
Response: 108787
Conc: 0.66 ug/ml

Instrument :
FID_E
ClientSampleId :



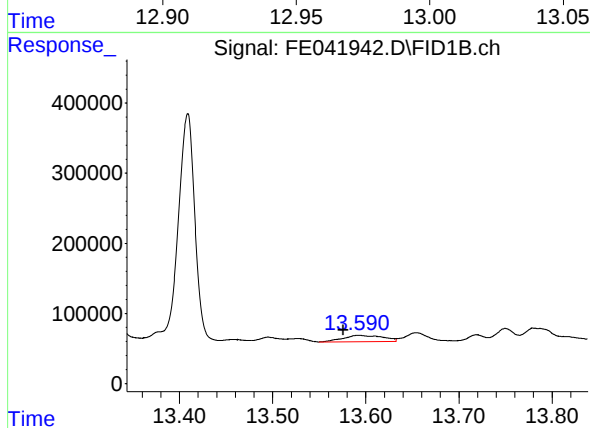
#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: 0.000 min
Response: 4740117
Conc: 25.27 ug/ml



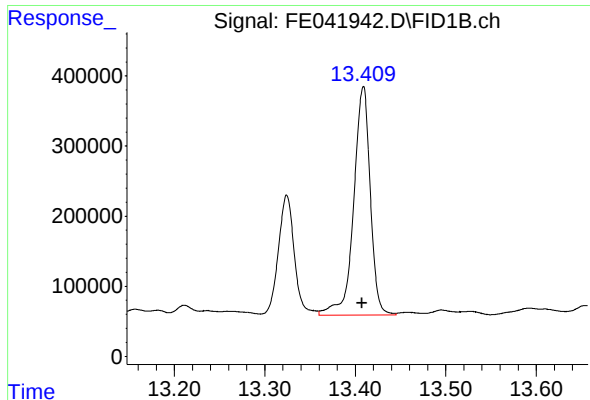
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: 0.004 min
Response: 200517
Conc: 1.25 ug/ml



#11 n-Heneicosane (C21)

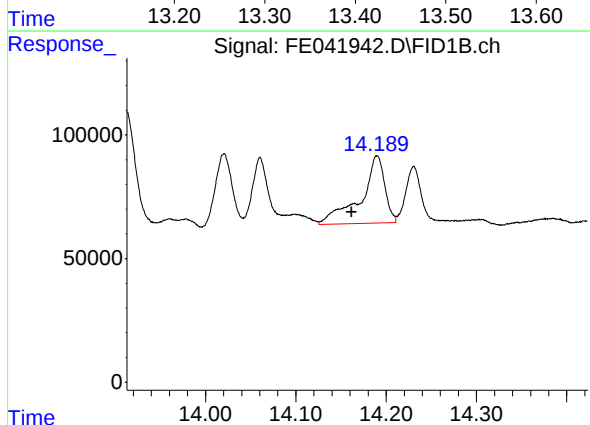
R.T.: 13.592 min
Delta R.T.: 0.016 min
Response: 270326
Conc: 1.70 ug/ml



#12 1-chlorooctadecane (SURR)

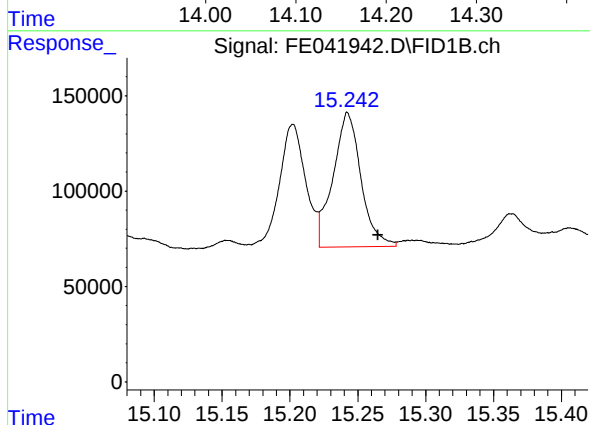
R.T.: 13.409 min
Delta R.T.: 0.001 min
Response: 4160893
Conc: 29.45 ug/ml

Instrument :
FID_E
ClientSampleId :



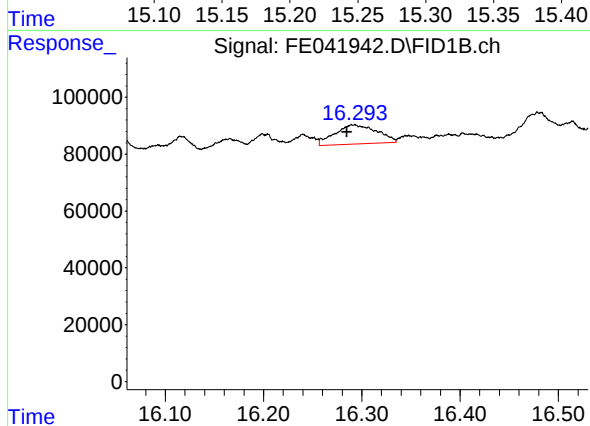
#13 n-Docosane (C22)

R.T.: 14.190 min
Delta R.T.: 0.028 min
Response: 506018
Conc: 3.18 ug/ml



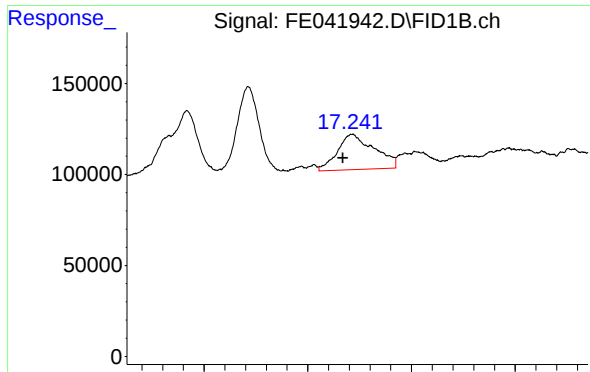
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.022 min
Response: 1007739
Conc: 6.25 ug/ml



#15 n-Hexacosane (C26)

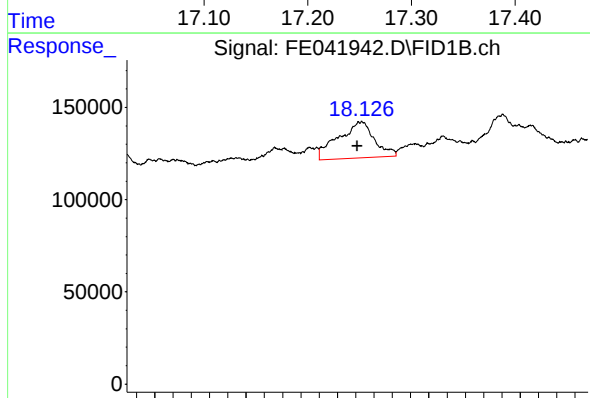
R.T.: 16.292 min
Delta R.T.: 0.007 min
Response: 201765
Conc: 1.28 ug/ml



#16 n-Octacosane (C28)

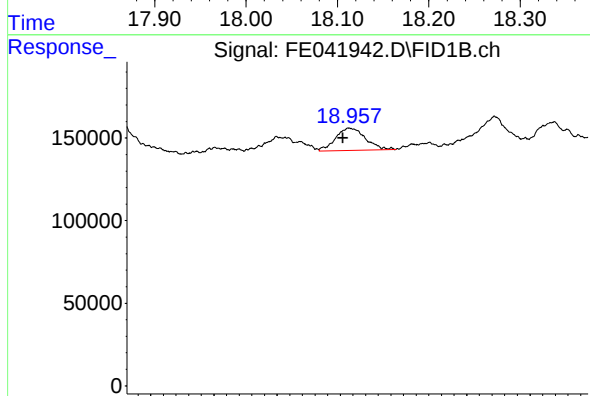
R.T.: 17.243 min
Delta R.T.: 0.009 min
Response: 480469
Conc: 3.12 ug/ml

Instrument :
FID_E
ClientSampleId :



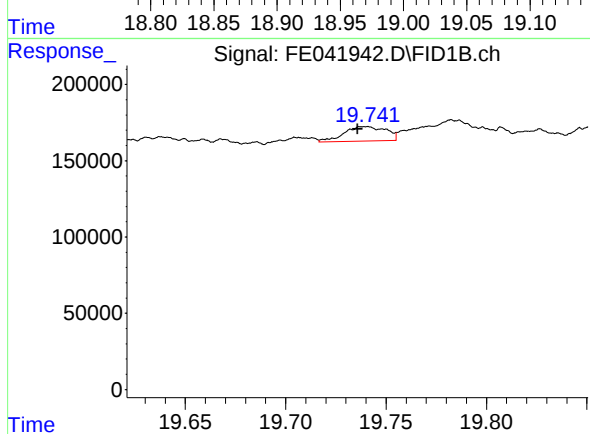
#17 n-Tricontane (C30)

R.T.: 18.127 min
Delta R.T.: 0.005 min
Response: 537651
Conc: 3.53 ug/ml



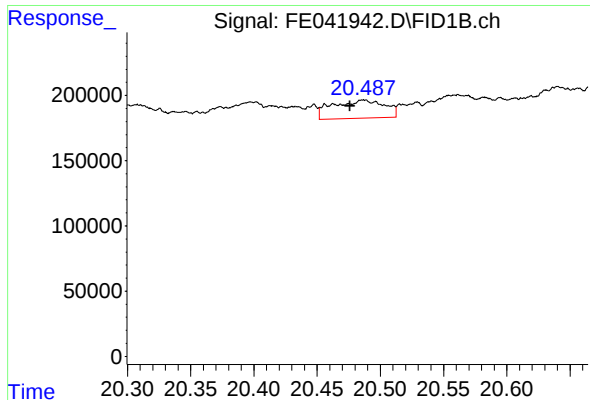
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.005 min
Response: 223250
Conc: 1.50 ug/ml



#19 n-Tetratriacontane (C34)

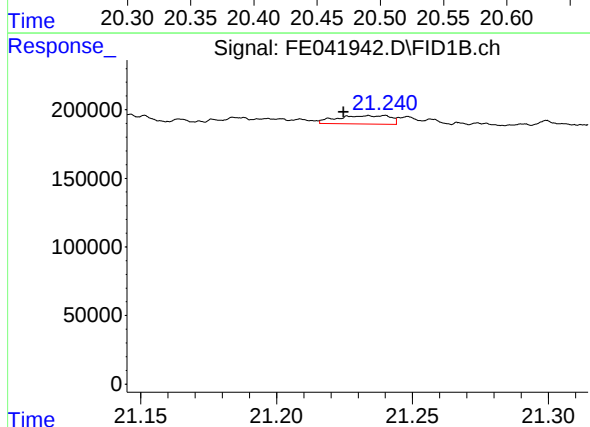
R.T.: 19.740 min
Delta R.T.: 0.004 min
Response: 138323
Conc: 0.98 ug/ml



#20 n-Hexatriacontane (C36)

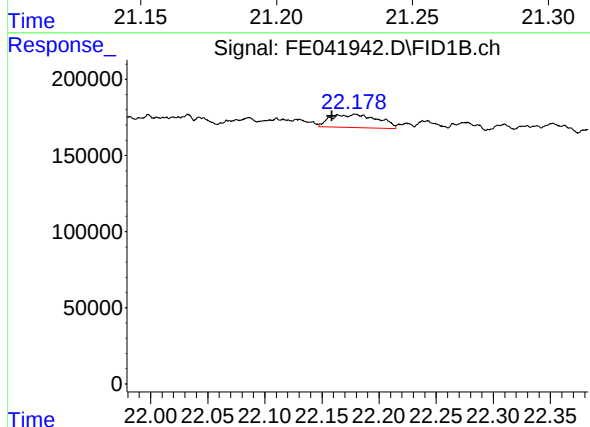
R.T.: 20.487 min
Delta R.T.: 0.011 min
Response: 396862
Conc: 2.97 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.234 min
Delta R.T.: 0.009 min
Response: 81877
Conc: 0.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.179 min
Delta R.T.: 0.020 min
Response: 248674
Conc: 1.96 ug/ml