

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042223AL\
 Data File : FE041486.D
 Signal(s) : FID1B.ch
 Acq On : 21 Apr 2023 19:46
 Operator : YP\AJ
 Sample : 02446-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 22 04:05:41 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)	11.977	5278319	28.135 ug/ml
Spiked Amount 50.000		Recovery =	56.27%
12) S 1-chlorooctadecane (S...	13.413	4641150	32.853 ug/ml
Spiked Amount 50.000		Recovery =	65.71%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.312	41830	0.253 ug/ml
5) T A~2-methylnaphthalene...	7.407	35351	0.219 ug/ml
6) T n-Tetradecane (C14)	8.553	19269	0.127 ug/ml
7) T n-Hexadecane (C16)	10.219	117399	0.736 ug/ml
8) T n-Octadecane (C18)	11.598f	35229	0.215 ug/ml
10) T n-Eicosane (C20)	12.971	145811	0.907 ug/ml
11) T n-Heneicosane (C21)	13.587	389244	2.442 ug/ml
13) T n-Docosane (C22)	14.187	615533	3.863 ug/ml
14) T n-Tetracosane (C24)	15.242	2154508	13.364 ug/ml
15) T n-Hexacosane (C26)	16.292	217019	1.373 ug/ml
16) T n-Octacosane (C28)	17.236	720811	4.684 ug/ml
17) T n-Tricontane (C30)	18.131	127055	0.834 ug/ml
18) T n-Dotriacontane (C32)	18.952	113751	0.764 ug/ml
19) T n-Tetratriacontane (C34)	19.742	35615	0.253 ug/ml
20) T n-Hexatriacontane (C36)	20.475	90831	0.679 ug/ml
21) T n-Octatriacontane (C38)	21.225	44965	0.340 ug/ml
22) T n-Tetracontane (C40)	22.183	184254	1.455 ug/ml

(f)=RT Delta > 1/2 Window

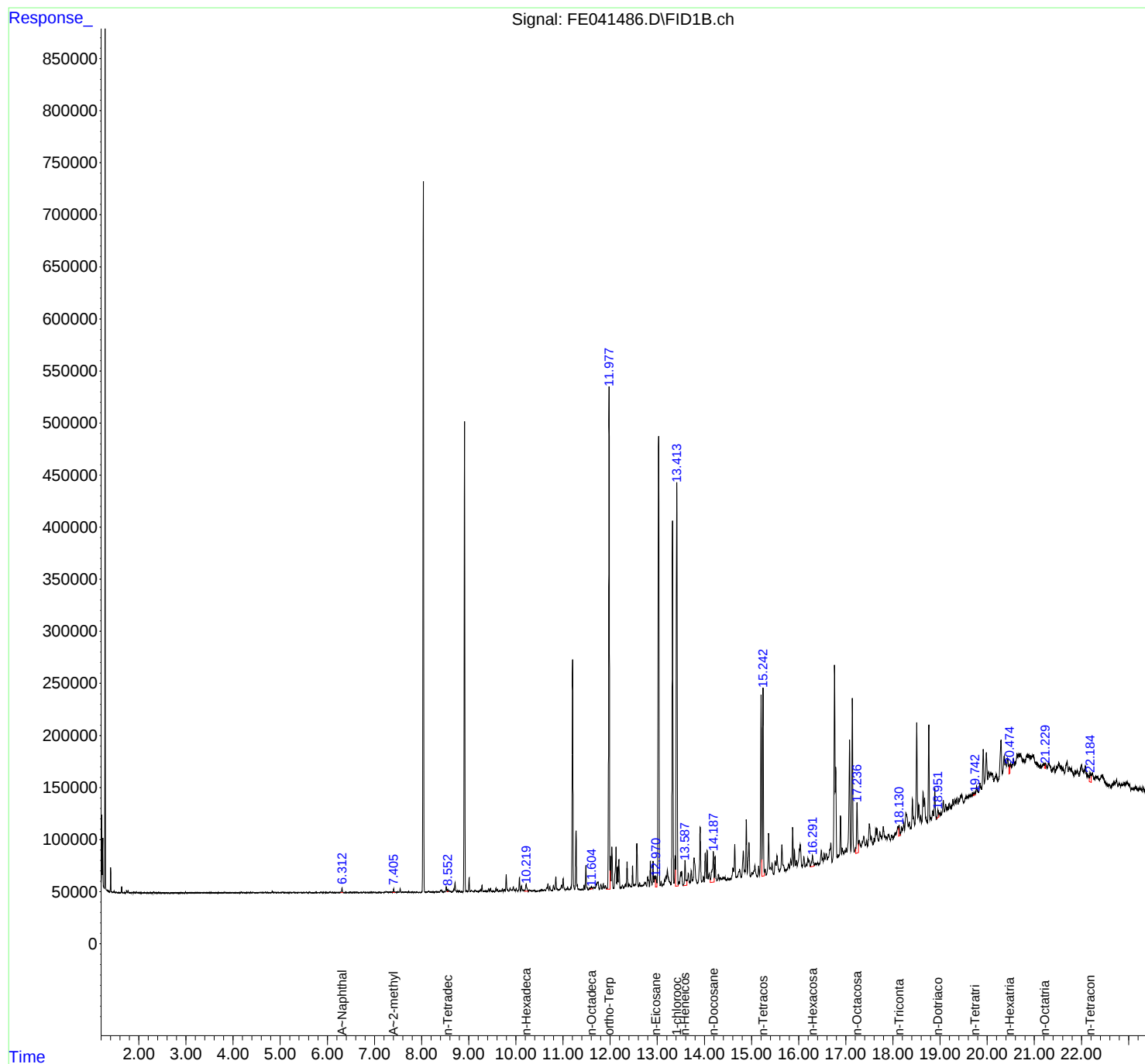
(m)=manual int.

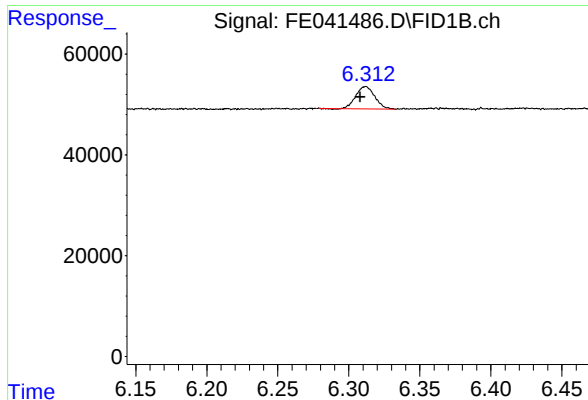
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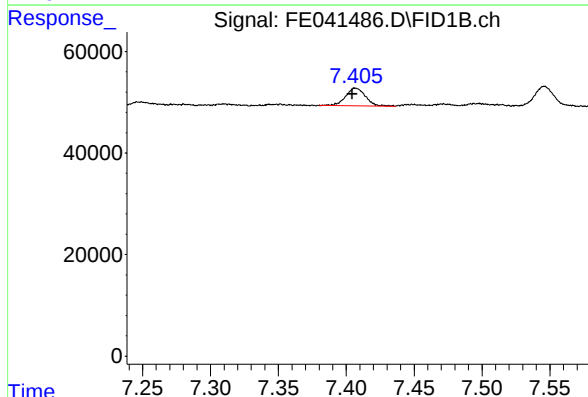




#3 A~Naphthalene (C11.7)

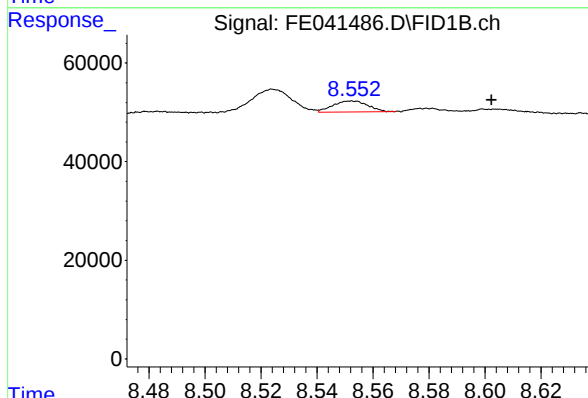
R.T.: 6.312 min
Delta R.T.: 0.004 min
Response: 41830
Conc: 0.25 ug/ml

Instrument :
FID_E
ClientSampleId :



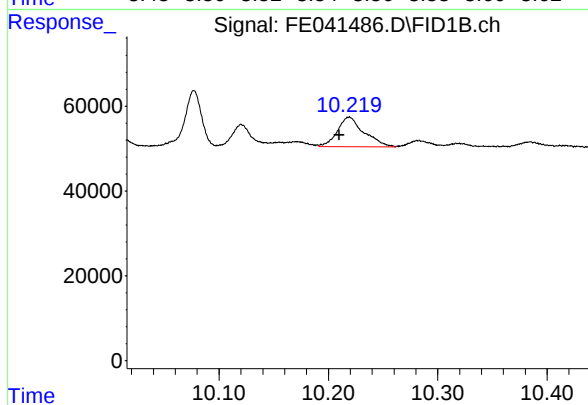
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.407 min
Delta R.T.: 0.003 min
Response: 35351
Conc: 0.22 ug/ml



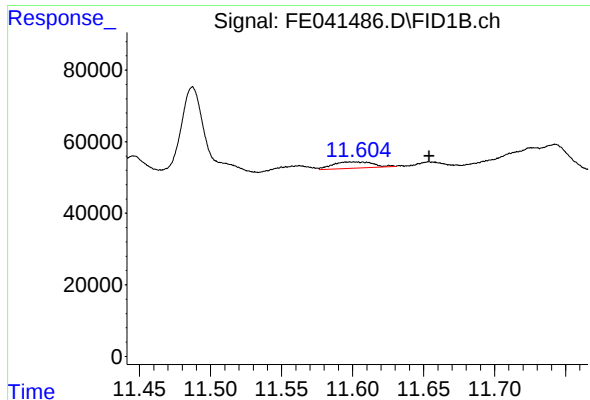
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.050 min
Response: 19269
Conc: 0.13 ug/ml



#7 n-Hexadecane (C16)

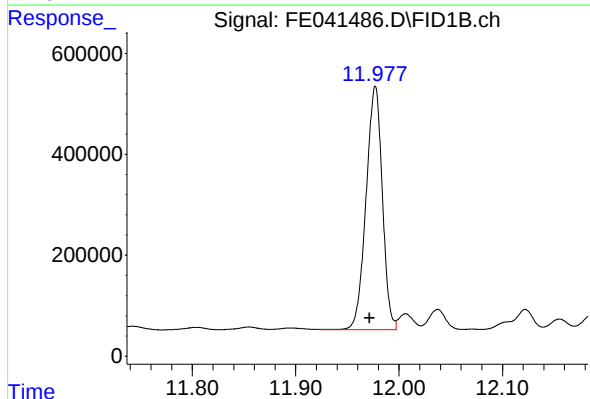
R.T.: 10.219 min
Delta R.T.: 0.009 min
Response: 117399
Conc: 0.74 ug/ml



#8 n-Octadecane (C18)

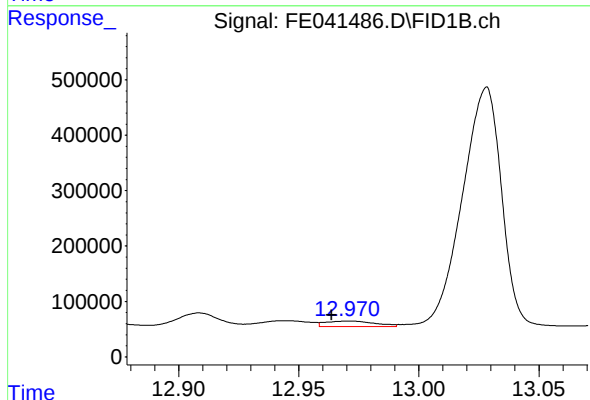
R.T.: 11.598 min
Delta R.T.: -0.056 min
Response: 35229
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



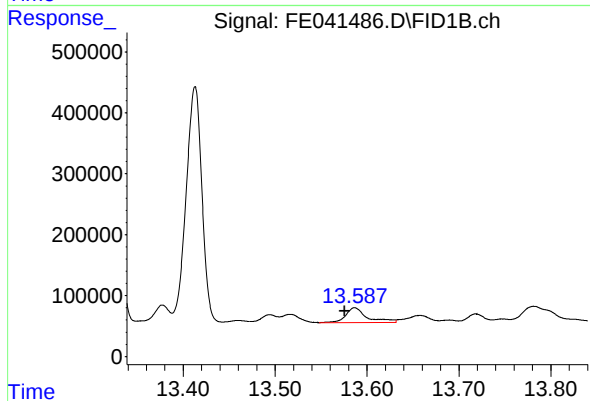
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: 0.005 min
Response: 5278319
Conc: 28.13 ug/ml



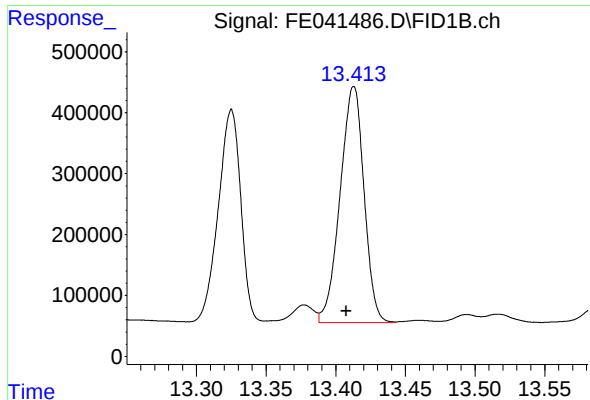
#10 n-Eicosane (C20)

R.T.: 12.971 min
Delta R.T.: 0.008 min
Response: 145811
Conc: 0.91 ug/ml



#11 n-Heneicosane (C21)

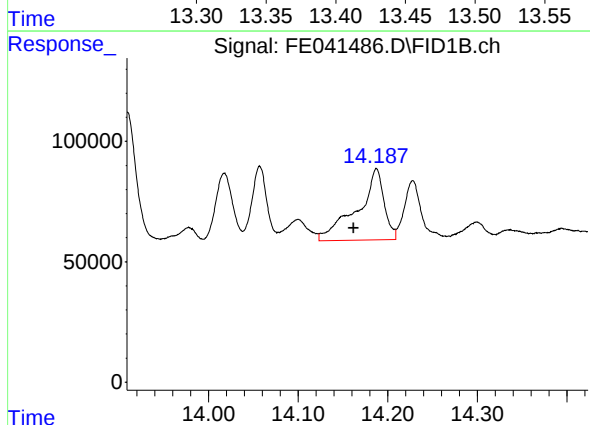
R.T.: 13.587 min
Delta R.T.: 0.011 min
Response: 389244
Conc: 2.44 ug/ml



#12 1-chlorooctadecane (SURR)

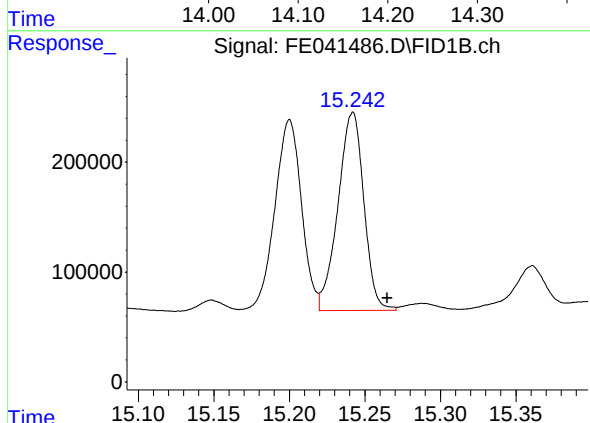
R.T.: 13.413 min
Delta R.T.: 0.005 min
Response: 4641150
Conc: 32.85 ug/ml

Instrument :
FID_E
ClientSampleId :



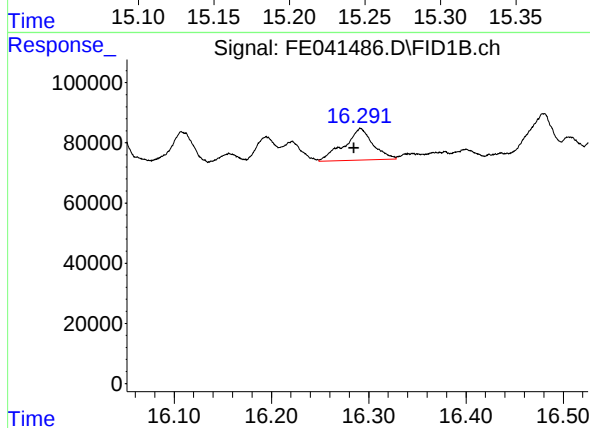
#13 n-Docosane (C22)

R.T.: 14.187 min
Delta R.T.: 0.025 min
Response: 615533
Conc: 3.86 ug/ml



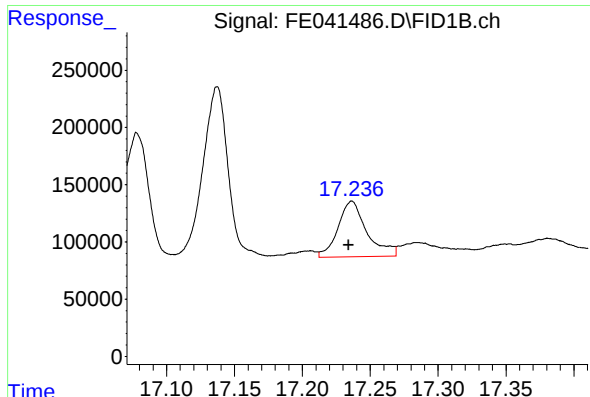
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.023 min
Response: 2154508
Conc: 13.36 ug/ml



#15 n-Hexacosane (C26)

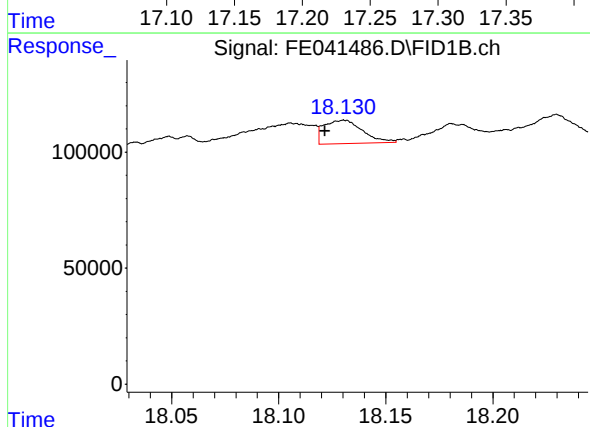
R.T.: 16.292 min
Delta R.T.: 0.007 min
Response: 217019
Conc: 1.37 ug/ml



#16 n-Octacosane (C28)

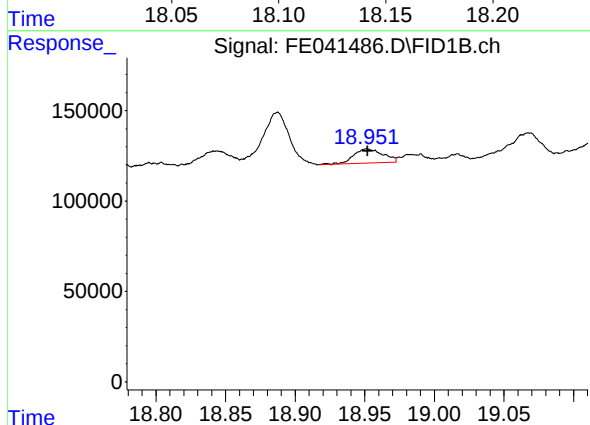
R.T.: 17.236 min
Delta R.T.: 0.002 min
Response: 720811
Conc: 4.68 ug/ml

Instrument :
FID_E
ClientSampleId :



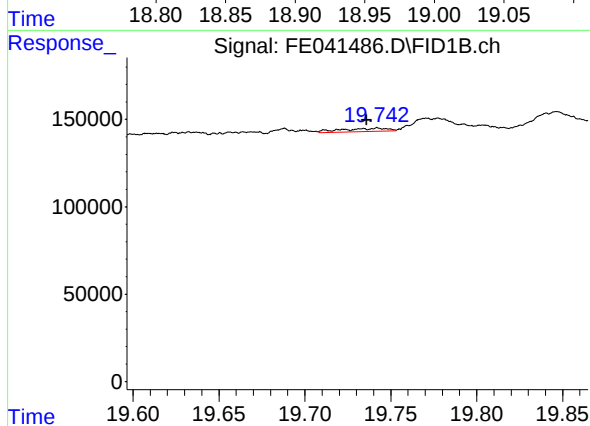
#17 n-Tricontane (C30)

R.T.: 18.131 min
Delta R.T.: 0.009 min
Response: 127055
Conc: 0.83 ug/ml



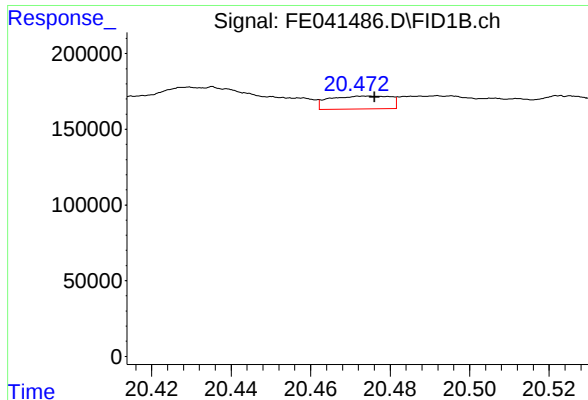
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: 0.000 min
Response: 113751
Conc: 0.76 ug/ml



#19 n-Tetratriacontane (C34)

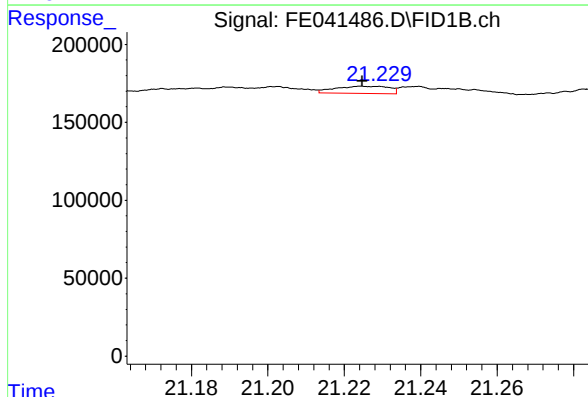
R.T.: 19.742 min
Delta R.T.: 0.006 min
Response: 35615
Conc: 0.25 ug/ml



#20 n-Hexatriacontane (C36)

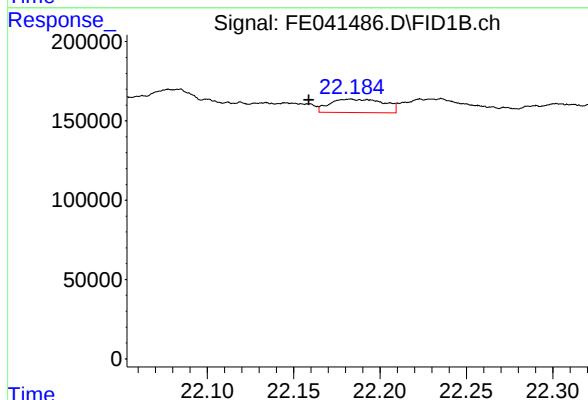
R.T.: 20.475 min
Delta R.T.: -0.002 min
Response: 90831
Conc: 0.68 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: 0.000 min
Response: 44965
Conc: 0.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.183 min
Delta R.T.: 0.024 min
Response: 184254
Conc: 1.46 ug/ml