

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030123AL\
 Data File : FE040609.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2023 23:41
 Operator : YP\AJ
 Sample : 01728-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 01 02:57:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.884	4452991	23.837 ug/ml
Spiked Amount 50.000		Recovery =	47.67%
12) S 1-chlorooctadecane (S...	13.323	3962093	26.770 ug/ml
Spiked Amount 50.000		Recovery =	53.54%
Target Compounds			
2) T n-Decane (C10)	4.526	31941	0.212 ug/ml
6) T n-Tetradecane (C14)	8.516	51090	0.331 ug/ml
7) T n-Hexadecane (C16)	10.124	99909	0.619 ug/ml
8) T n-Octadecane (C18)	11.566	74278	0.437 ug/ml
10) T n-Eicosane (C20)	12.877	167317	0.989 ug/ml
11) T n-Heneicosane (C21)	13.490	72509	0.423 ug/ml
13) T n-Docosane (C22)	14.075	152762	0.892 ug/ml
14) T n-Tetracosane (C24)	15.166	711878	4.129 ug/ml
15) T n-Hexacosane (C26)	16.203	268659	1.581 ug/ml
16) T n-Octacosane (C28)	17.174	721826	4.304 ug/ml
17) T n-Tricontane (C30)	18.042	474757	2.908 ug/ml
18) T n-Dotriacontane (C32)	18.884	610003	3.564 ug/ml
19) T n-Tetratriacontane (C34)	19.666	373956	2.419 ug/ml
20) T n-Hexatriacontane (C36)	20.386	38691	0.266 ug/ml
21) T n-Octatriacontane (C38)	21.121	29208	0.212 ug/ml
22) T n-Tetracontane (C40)	22.016	130387	0.844 ug/ml

(f)=RT Delta > 1/2 Window

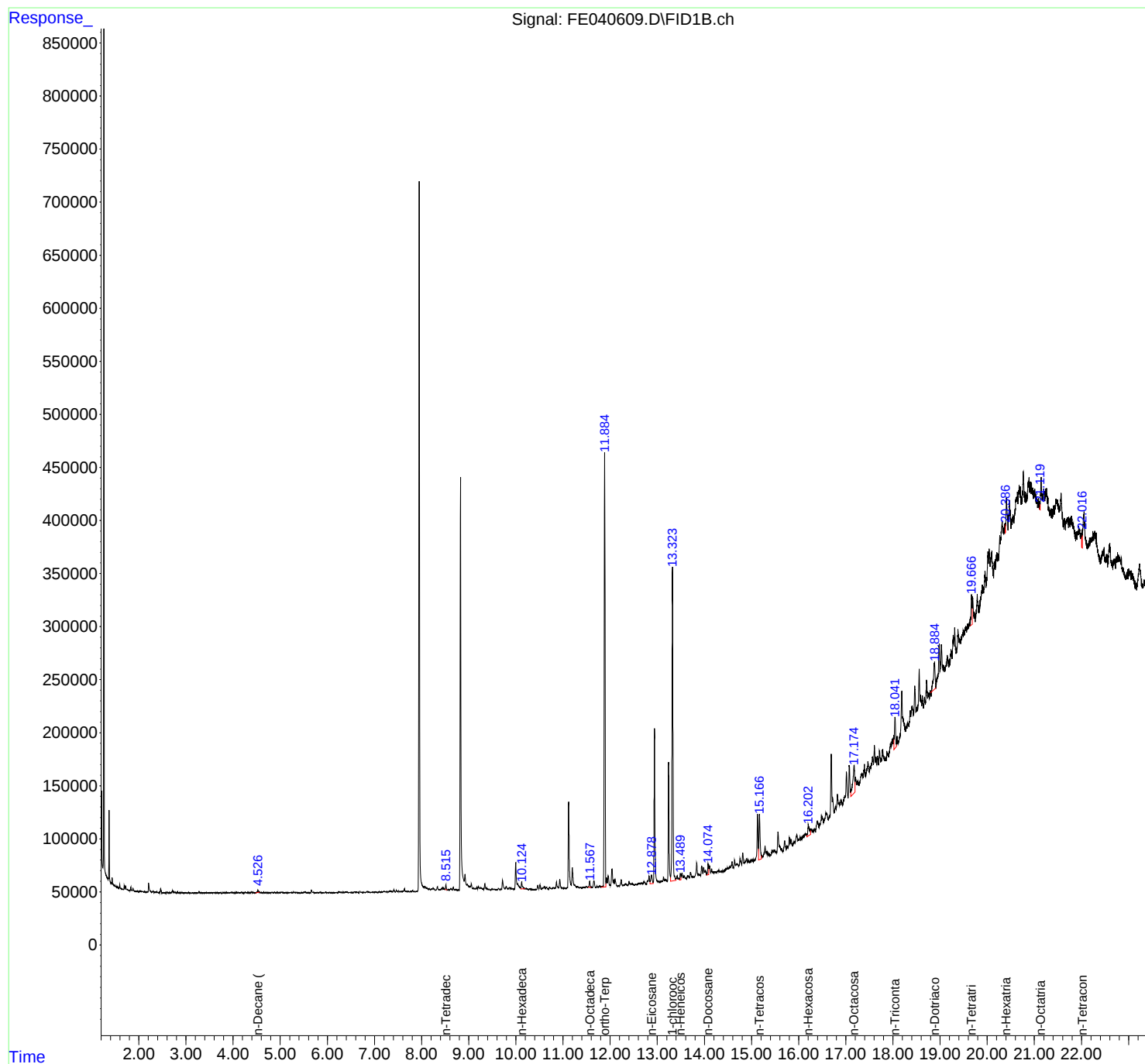
(m)=manual int.

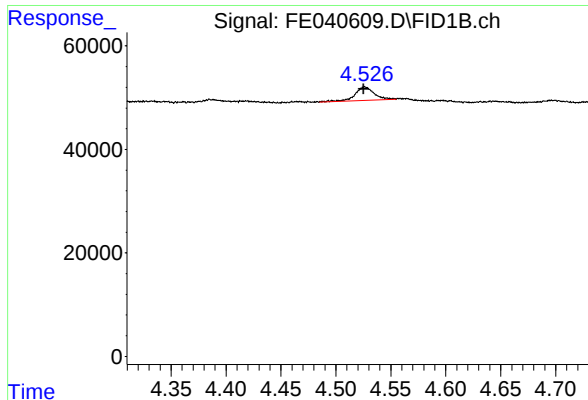
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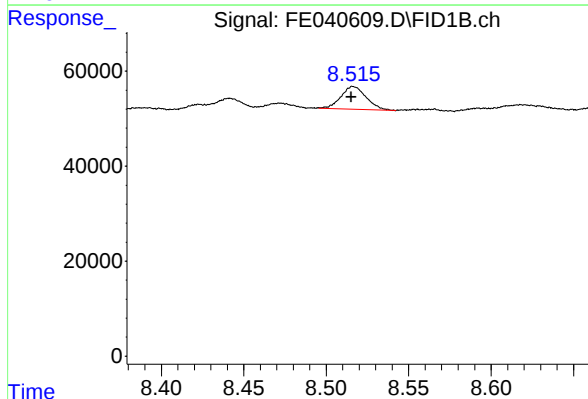




#2 n-Decane (C10)

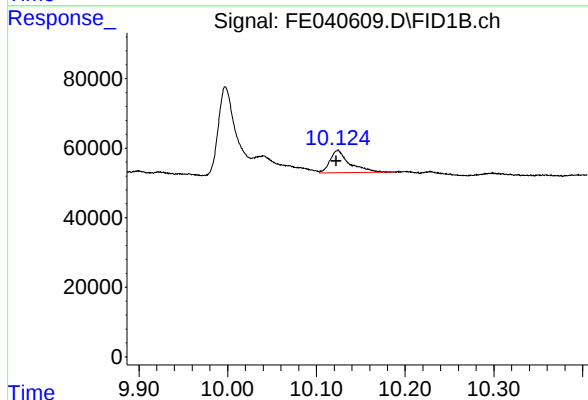
R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 31941
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



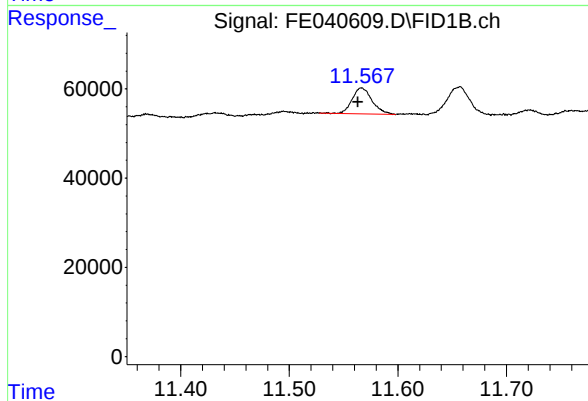
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.001 min
Response: 51090
Conc: 0.33 ug/ml



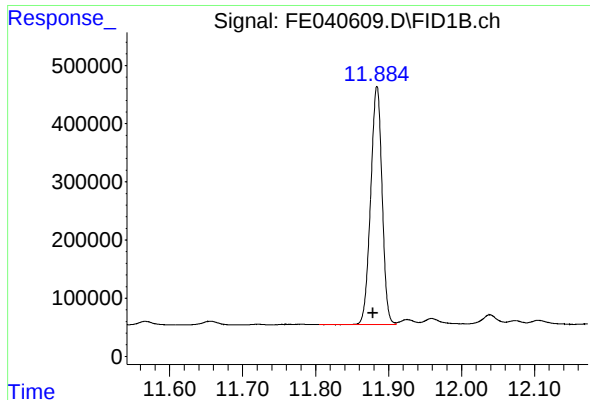
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: 0.002 min
Response: 99909
Conc: 0.62 ug/ml



#8 n-Octadecane (C18)

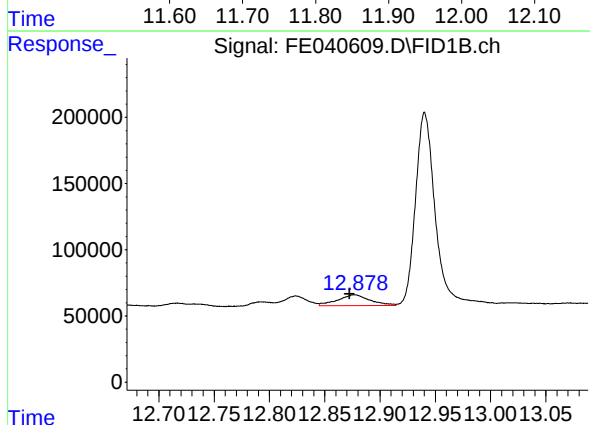
R.T.: 11.566 min
Delta R.T.: 0.003 min
Response: 74278
Conc: 0.44 ug/ml



#9 ortho-Terphenyl (SURR)

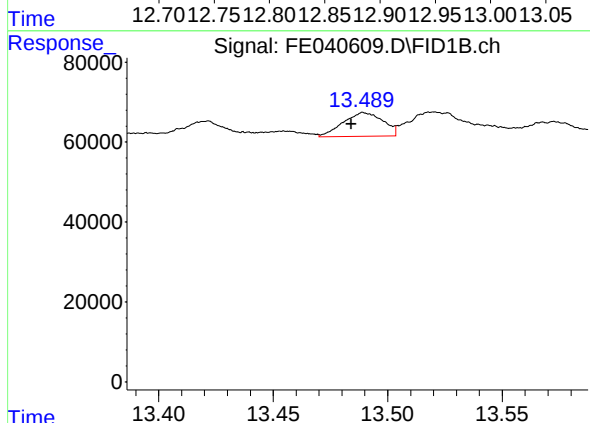
R.T.: 11.884 min
Delta R.T.: 0.006 min
Response: 4452991
Conc: 23.84 ug/ml

Instrument :
FID_E
ClientSampleId :



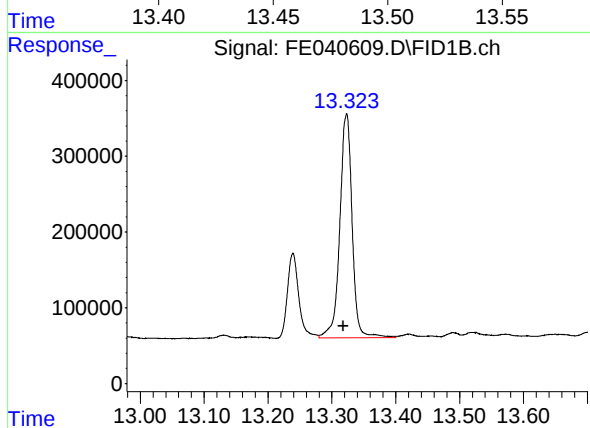
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: 0.004 min
Response: 167317
Conc: 0.99 ug/ml



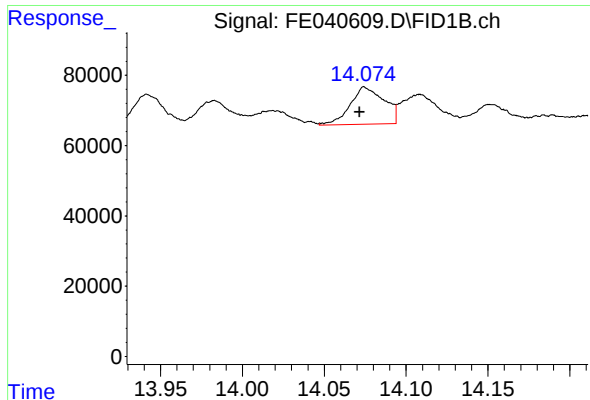
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: 0.006 min
Response: 72509
Conc: 0.42 ug/ml



#12 1-chlorooctadecane (SURR)

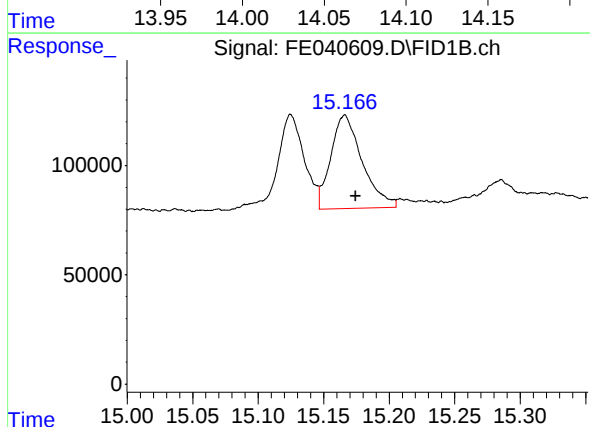
R.T.: 13.323 min
Delta R.T.: 0.005 min
Response: 3962093
Conc: 26.77 ug/ml



#13 n-Docosane (C22)

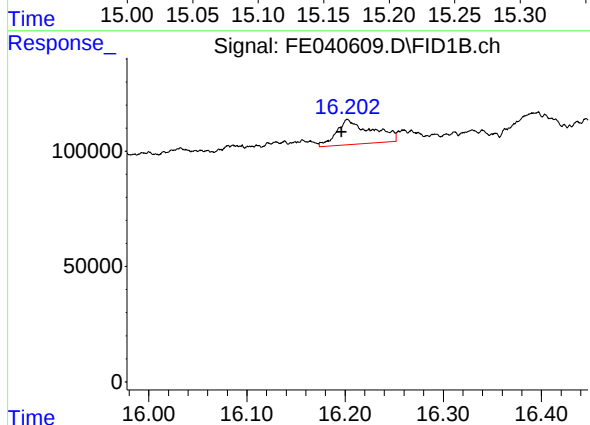
R.T.: 14.075 min
Delta R.T.: 0.003 min
Response: 152762
Conc: 0.89 ug/ml

Instrument :
FID_E
ClientSampleId :



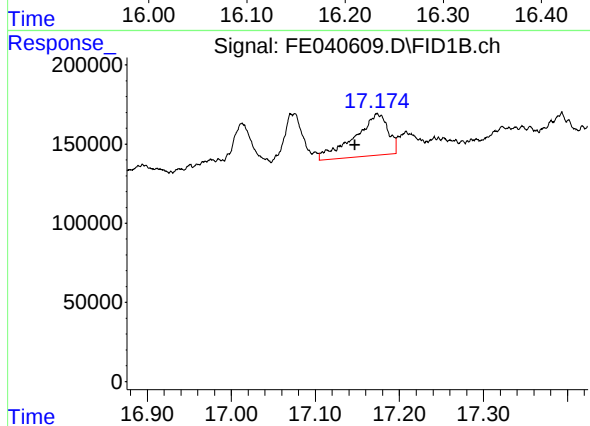
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: -0.008 min
Response: 711878
Conc: 4.13 ug/ml



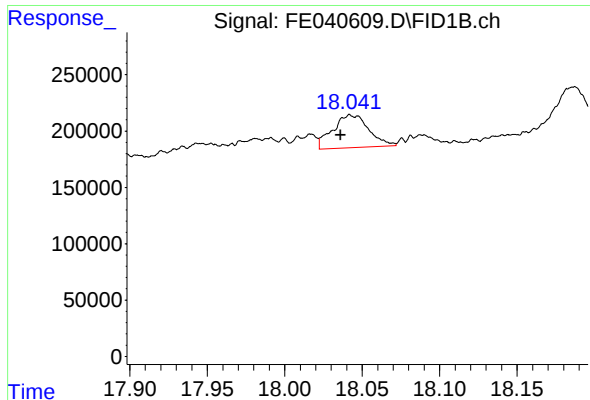
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: 0.006 min
Response: 268659
Conc: 1.58 ug/ml



#16 n-Octacosane (C28)

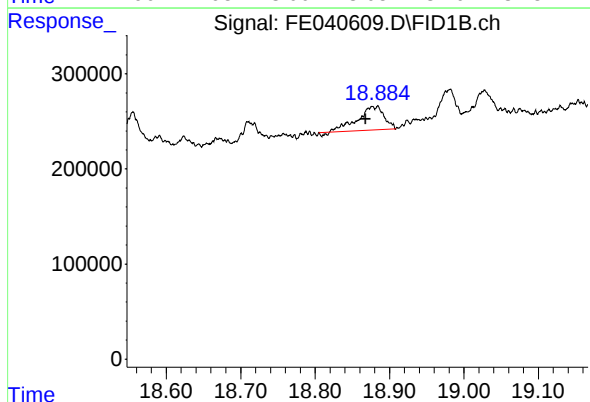
R.T.: 17.174 min
Delta R.T.: 0.026 min
Response: 721826
Conc: 4.30 ug/ml



#17 n-Tricontane (C30)

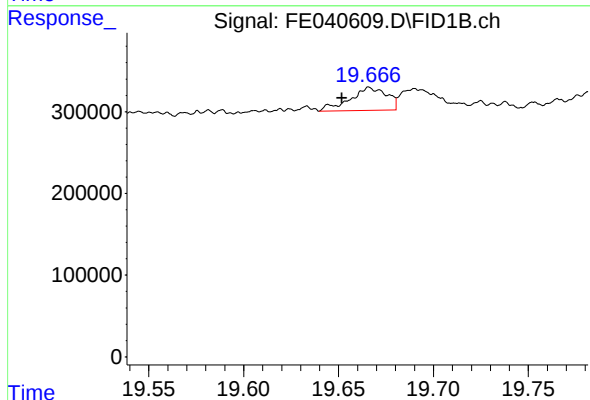
R.T.: 18.042 min
Delta R.T.: 0.006 min
Response: 474757
Conc: 2.91 ug/ml

Instrument :
FID_E
ClientSampleId :



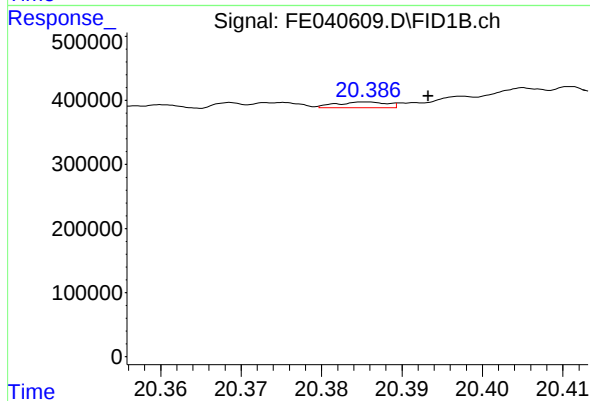
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: 0.016 min
Response: 610003
Conc: 3.56 ug/ml



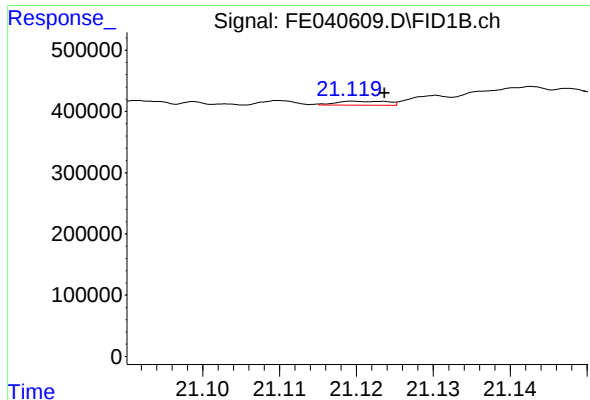
#19 n-Tetratriacontane (C34)

R.T.: 19.666 min
Delta R.T.: 0.014 min
Response: 373956
Conc: 2.42 ug/ml



#20 n-Hexatriacontane (C36)

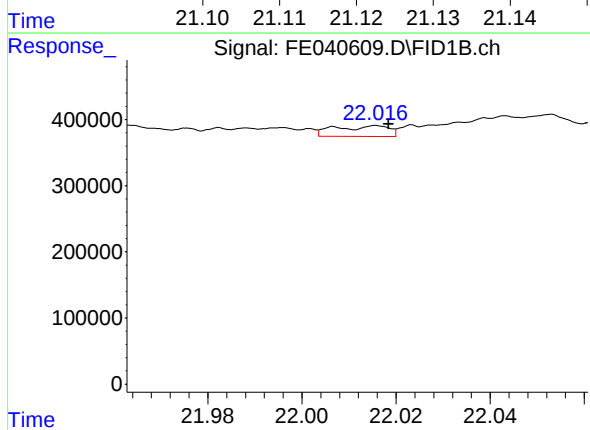
R.T.: 20.386 min
Delta R.T.: -0.007 min
Response: 38691
Conc: 0.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: -0.003 min
Response: 29208
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: -0.002 min
Response: 130387
Conc: 0.84 ug/ml