

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030123AL\
 Data File : FE040608.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2023 23:10
 Operator : YP\AJ
 Sample : 01726-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 01 02:57:24 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)	11.883	4421870	23.670 ug/ml
Spiked Amount 50.000		Recovery =	47.34%
12) S 1-chlorooctadecane (S...	13.322	3634218	24.555 ug/ml
Spiked Amount 50.000		Recovery =	49.11%
Target Compounds			
2) T n-Decane (C10)	4.526	46125	0.307 ug/ml
4) T n-Dodecane (C12)	6.689	26501	0.173 ug/ml
6) T n-Tetradecane (C14)	8.516	61849	0.400 ug/ml
7) T n-Hexadecane (C16)	10.123	171412	1.061 ug/ml
8) T n-Octadecane (C18)	11.565	179037	1.054 ug/ml
10) T n-Eicosane (C20)	12.875	254282	1.503 ug/ml
11) T n-Heneicosane (C21)	13.487	146413	0.854 ug/ml
13) T n-Docosane (C22)	14.074	164387	0.960 ug/ml
14) T n-Tetracosane (C24)	15.166	631981	3.666 ug/ml
15) T n-Hexacosane (C26)	16.201	215142	1.266 ug/ml
16) T n-Octacosane (C28)	17.174	479172	2.857 ug/ml
17) T n-Tricontane (C30)	18.041	267188	1.636 ug/ml
18) T n-Dotriacontane (C32)	18.877	290324	1.696 ug/ml
19) T n-Tetratriacontane (C34)	19.660	192822	1.247 ug/ml
20) T n-Hexatriacontane (C36)	20.409	168086	1.157 ug/ml
21) T n-Octatriacontane (C38)	21.135	192415	1.400 ug/ml
22) T n-Tetracontane (C40)	22.012	718084	4.647 ug/ml

(f)=RT Delta > 1/2 Window

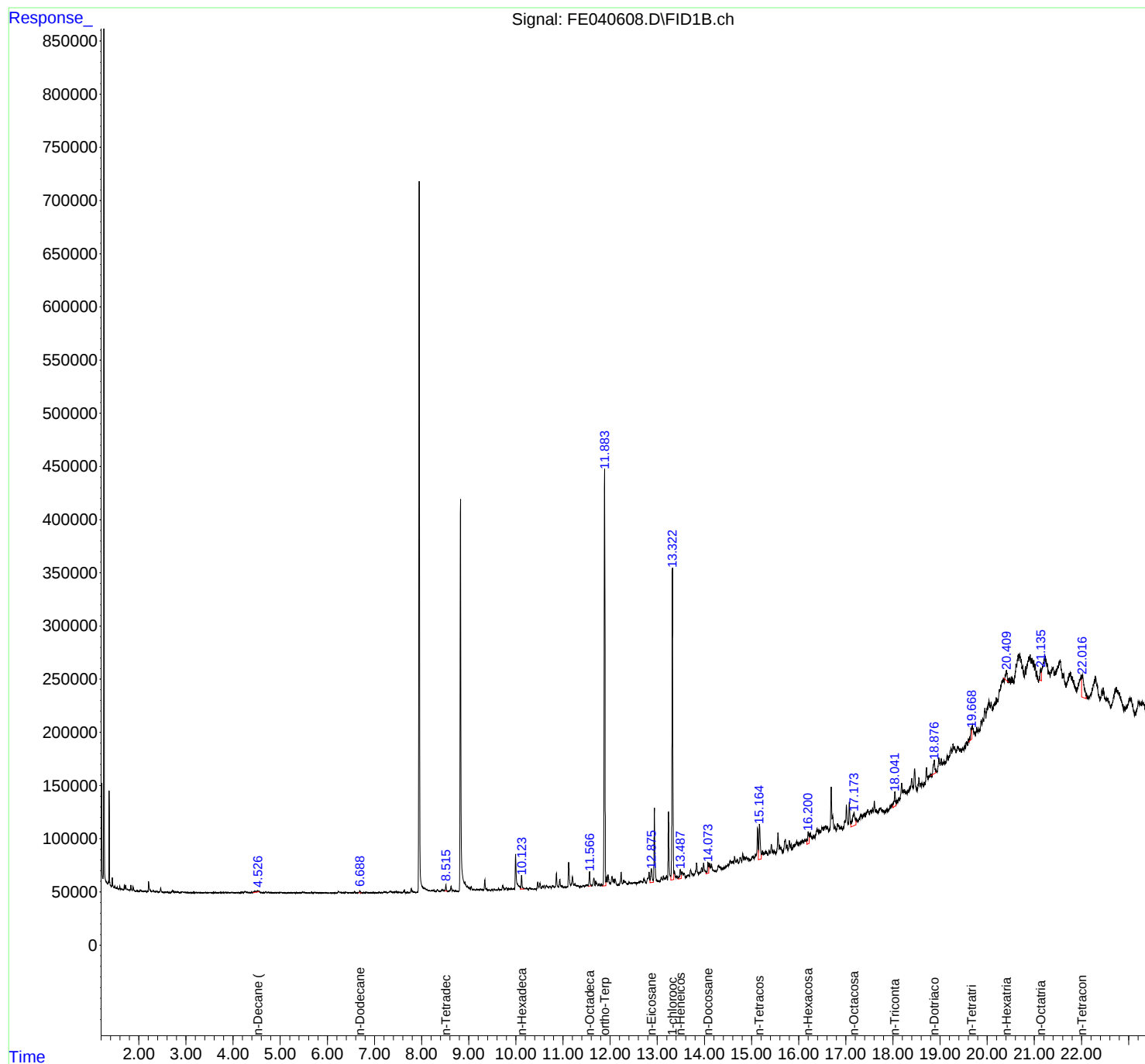
(m)=manual int.

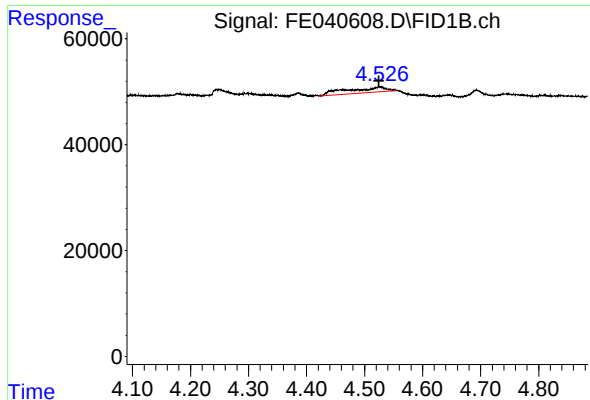
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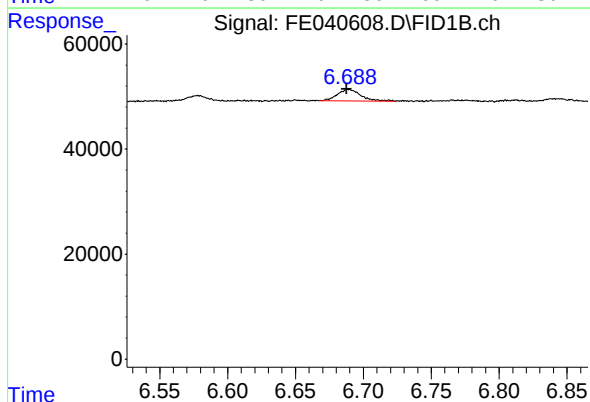
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 46125
Conc: 0.31 ug/ml

Instrument :

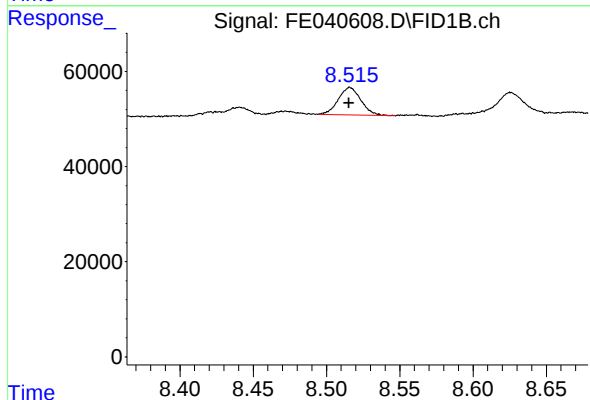
FID_E

ClientSampleId :



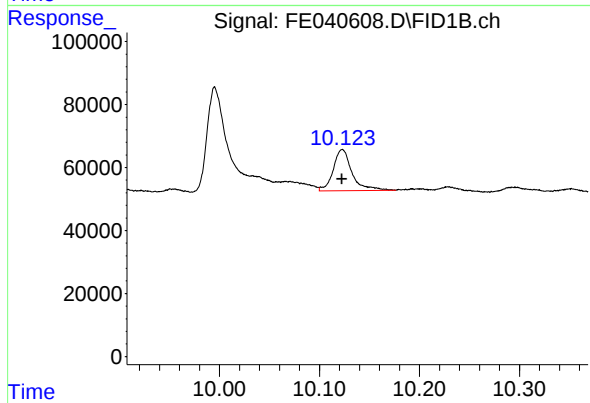
#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.001 min
Response: 26501
Conc: 0.17 ug/ml



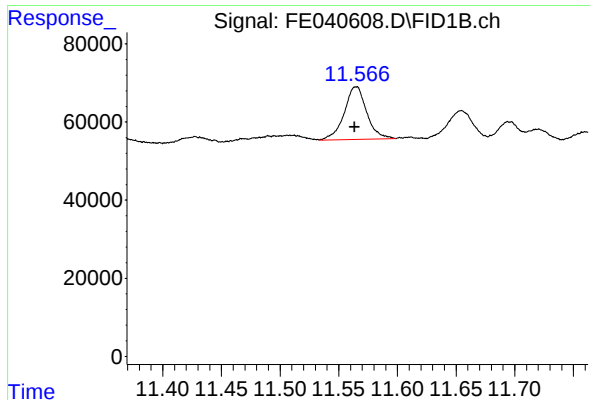
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 61849
Conc: 0.40 ug/ml



#7 n-Hexadecane (C16)

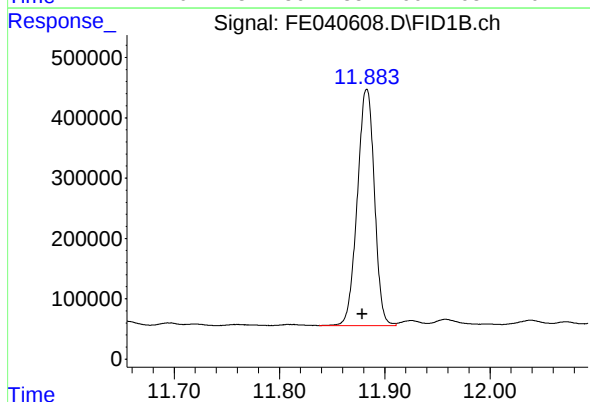
R.T.: 10.123 min
Delta R.T.: 0.000 min
Response: 171412
Conc: 1.06 ug/ml



#8 n-Octadecane (C18)

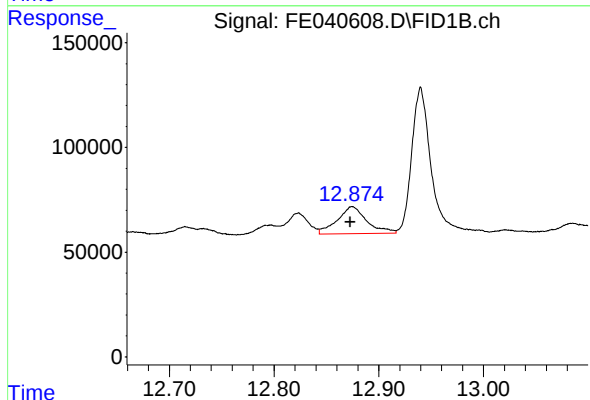
R.T.: 11.565 min
Delta R.T.: 0.001 min
Response: 179037
Conc: 1.05 ug/ml

Instrument :
FID_E
ClientSampleId :



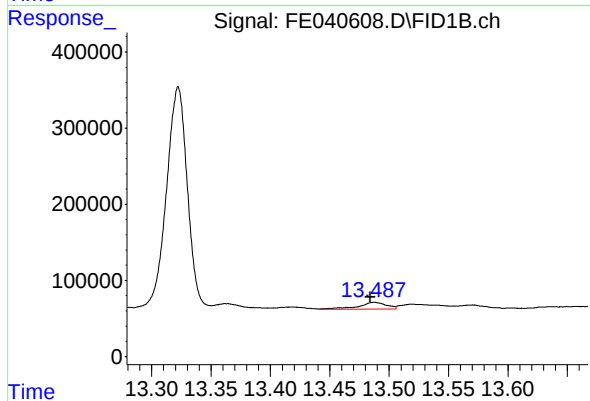
#9 ortho-Terphenyl (SURR)

R.T.: 11.883 min
Delta R.T.: 0.004 min
Response: 4421870
Conc: 23.67 ug/ml



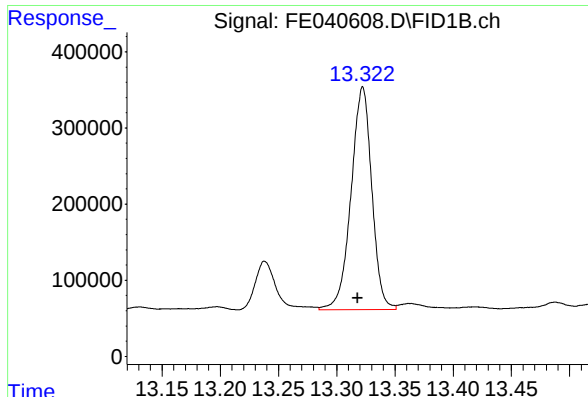
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: 0.002 min
Response: 254282
Conc: 1.50 ug/ml



#11 n-Heneicosane (C21)

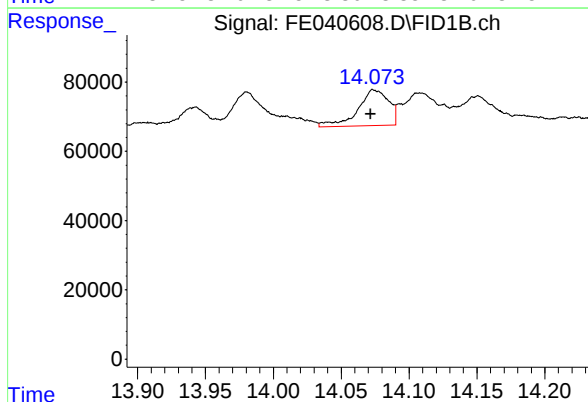
R.T.: 13.487 min
Delta R.T.: 0.003 min
Response: 146413
Conc: 0.85 ug/ml



#12 1-chlorooctadecane (SURR)

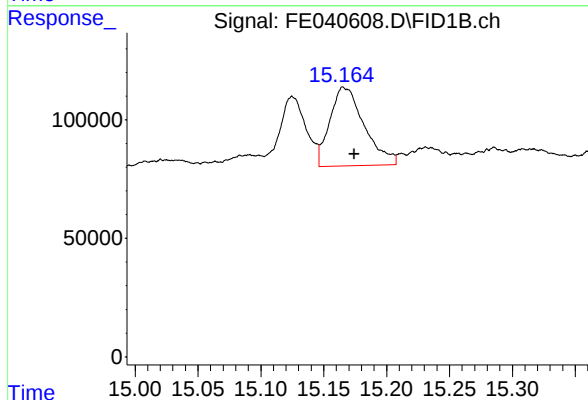
R.T.: 13.322 min
Delta R.T.: 0.004 min
Response: 3634218
Conc: 24.55 ug/ml

Instrument :
FID_E
ClientSampleId :



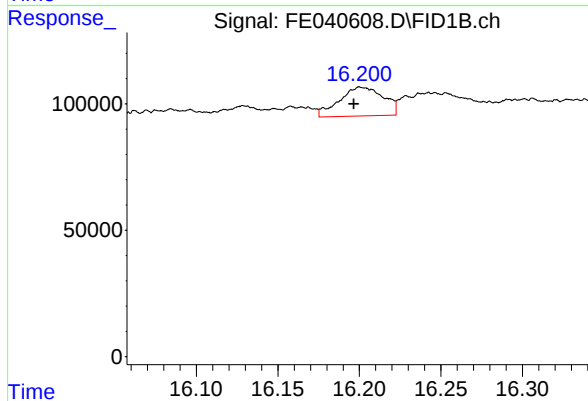
#13 n-Docosane (C22)

R.T.: 14.074 min
Delta R.T.: 0.002 min
Response: 164387
Conc: 0.96 ug/ml



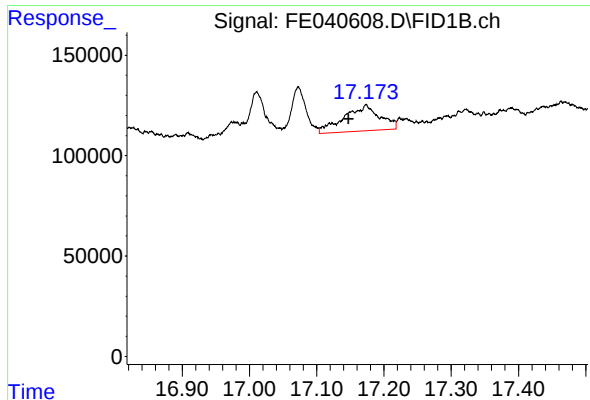
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: -0.009 min
Response: 631981
Conc: 3.67 ug/ml



#15 n-Hexacosane (C26)

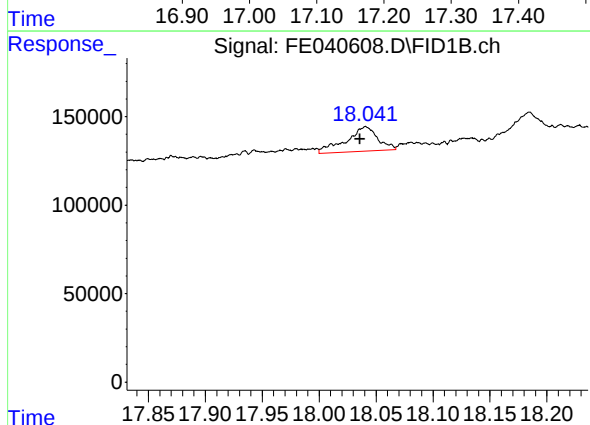
R.T.: 16.201 min
Delta R.T.: 0.004 min
Response: 215142
Conc: 1.27 ug/ml



#16 n-Octacosane (C28)

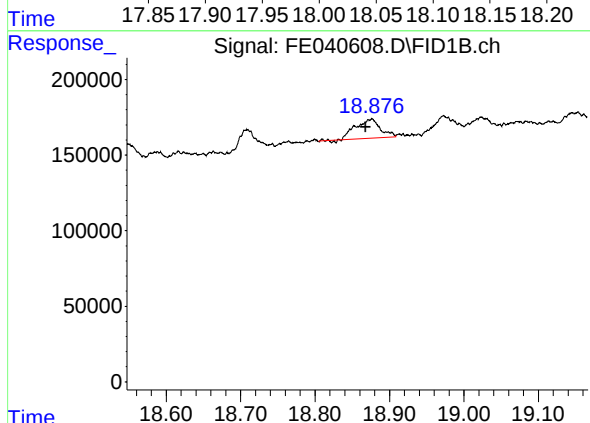
R.T.: 17.174 min
Delta R.T.: 0.026 min
Response: 479172
Conc: 2.86 ug/ml

Instrument :
FID_E
ClientSampleId :



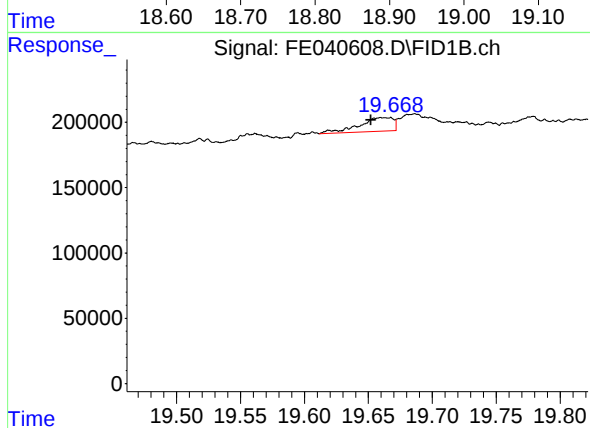
#17 n-Tricontane (C30)

R.T.: 18.041 min
Delta R.T.: 0.005 min
Response: 267188
Conc: 1.64 ug/ml



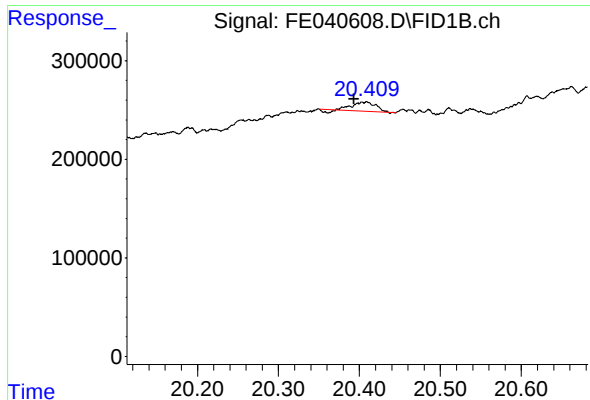
#18 n-Dotriacontane (C32)

R.T.: 18.877 min
Delta R.T.: 0.008 min
Response: 290324
Conc: 1.70 ug/ml



#19 n-Tetratriacontane (C34)

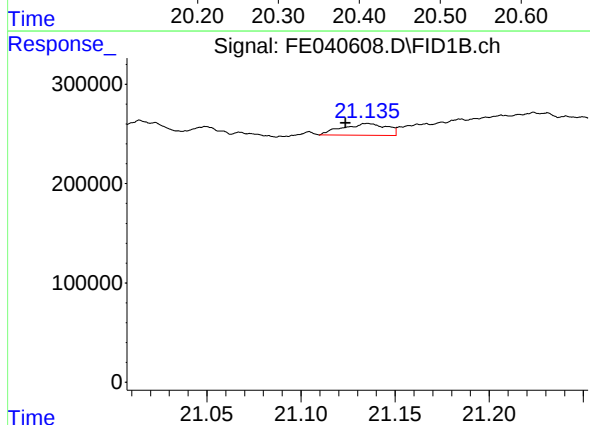
R.T.: 19.660 min
Delta R.T.: 0.009 min
Response: 192822
Conc: 1.25 ug/ml



#20 n-Hexatriacontane (C36)

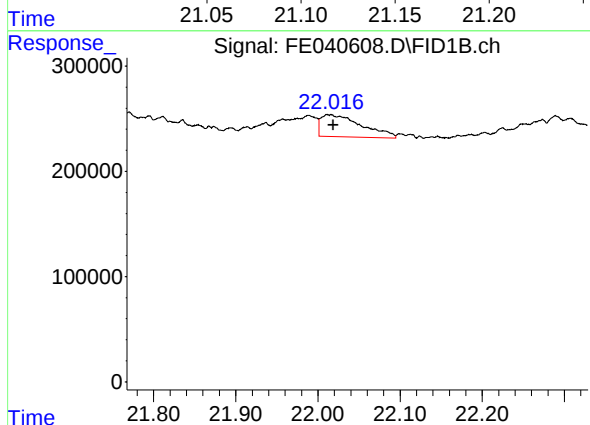
R.T.: 20.409 min
Delta R.T.: 0.016 min
Response: 168086
Conc: 1.16 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: 0.012 min
Response: 192415
Conc: 1.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.012 min
Delta R.T.: -0.007 min
Response: 718084
Conc: 4.65 ug/ml