

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022023AL\
 Data File : FE040435.D
 Signal(s) : FID1B.ch
 Acq On : 20 Feb 2023 09:32
 Operator : YP\AJ
 Sample : 01587-01DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 02:07:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.890	2538030	15.680 ug/ml
Spiked Amount 50.000		Recovery =	31.36%
12) S 1-chlorooctadecane (S...	13.328	3167805	25.542 ug/ml
Spiked Amount 50.000		Recovery =	51.08%
Target Compounds			
4) T n-Dodecane (C12)	6.697	93894	0.697 ug/ml
5) T A~2-methylnaphthalene...	7.336	108213	0.799 ug/ml
6) T n-Tetradecane (C14)	8.523	662014	4.804 ug/ml
7) T n-Hexadecane (C16)	10.131	767753	5.349 ug/ml
8) T n-Octadecane (C18)	11.573	760524	5.113 ug/ml
10) T n-Eicosane (C20)	12.883	526787	3.583 ug/ml
11) T n-Heneicosane (C21)	13.495	411940	2.793 ug/ml
13) T n-Docosane (C22)	14.082	295022	1.991 ug/ml
14) T n-Tetracosane (C24)	15.183	369917	2.437 ug/ml
15) T n-Hexacosane (C26)	16.208	91662	0.618 ug/ml
16) T n-Octacosane (C28)	17.163	276503	1.845 ug/ml
17) T n-Tricontane (C30)	18.050	399484	2.707 ug/ml
18) T n-Dotriacontane (C32)	18.882	221233	1.511 ug/ml
19) T n-Tetratriacontane (C34)	19.669	190430	1.384 ug/ml
20) T n-Hexatriacontane (C36)	20.411	151900	1.145 ug/ml
21) T n-Octatriacontane (C38)	21.149	99232	0.765 ug/ml
22) T n-Tetracontane (C40)	22.048	87390	0.658 ug/ml

(f)=RT Delta > 1/2 Window

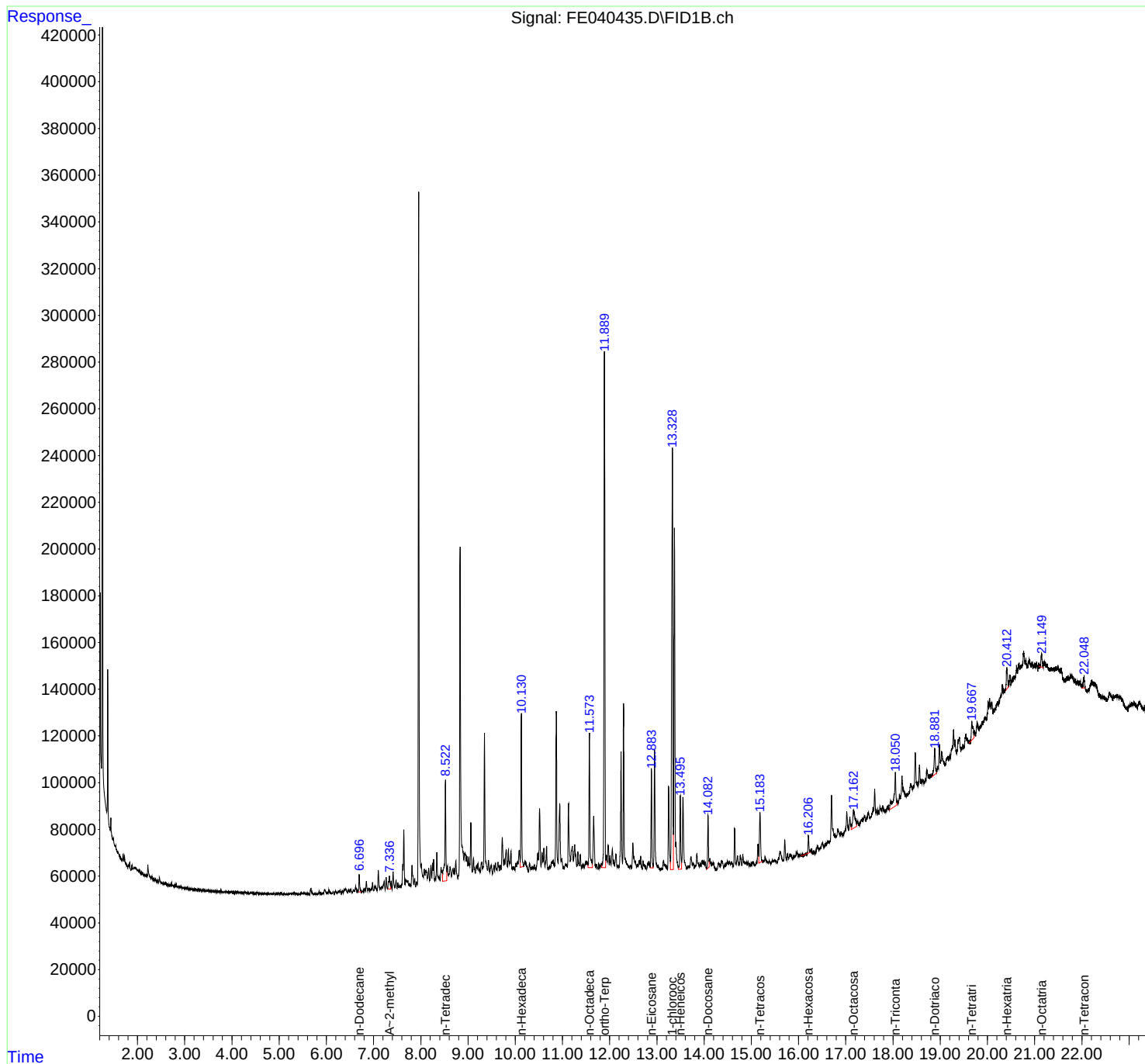
(m)=manual int.

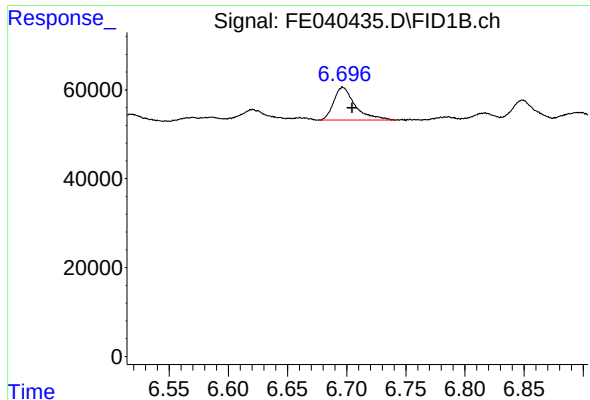
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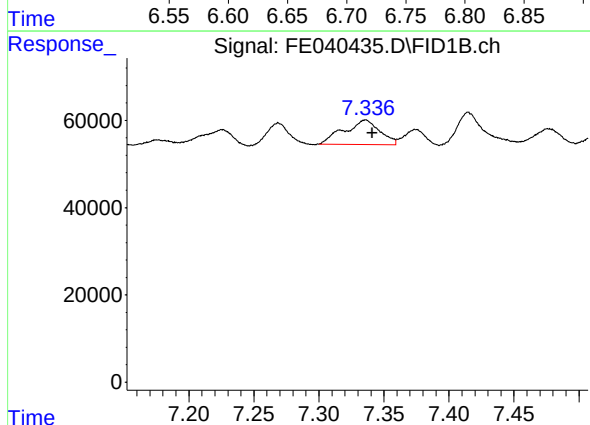




#4 n-Dodecane (C12)

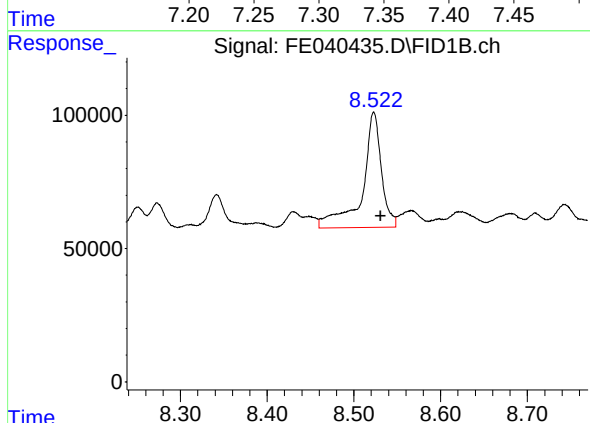
R.T.: 6.697 min
Delta R.T.: -0.008 min
Response: 93894
Conc: 0.70 ug/ml

Instrument :
FID_E
ClientSampleId :



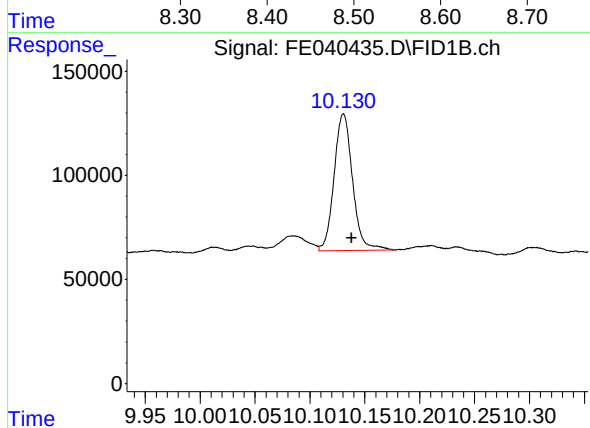
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.336 min
Delta R.T.: -0.005 min
Response: 108213
Conc: 0.80 ug/ml



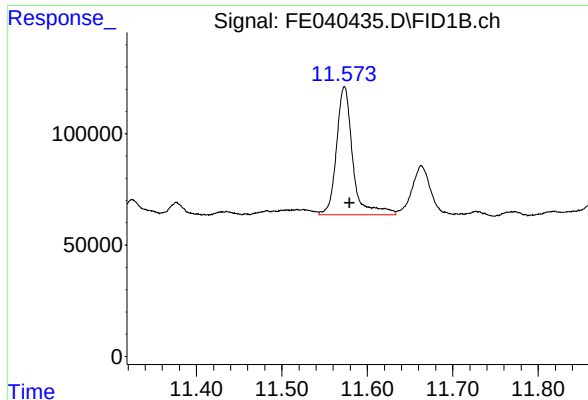
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.008 min
Response: 662014
Conc: 4.80 ug/ml



#7 n-Hexadecane (C16)

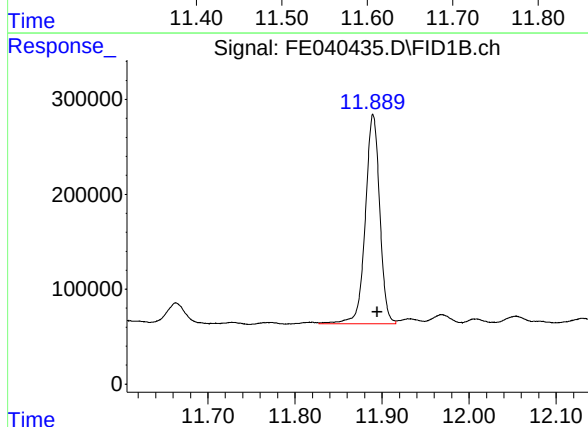
R.T.: 10.131 min
Delta R.T.: -0.007 min
Response: 767753
Conc: 5.35 ug/ml



#8 n-Octadecane (C18)

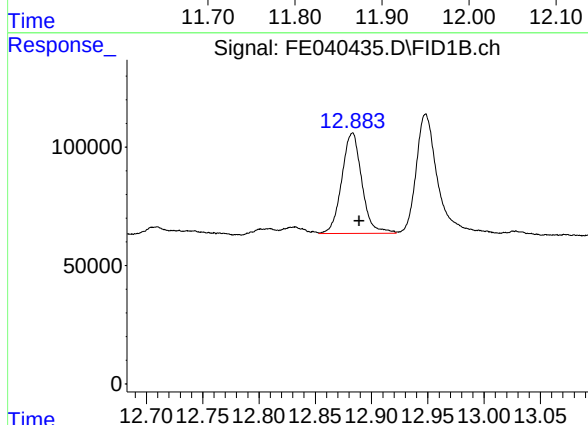
R.T.: 11.573 min
Delta R.T.: -0.006 min
Response: 760524
Conc: 5.11 ug/ml

Instrument :
FID_E
ClientSampleId :



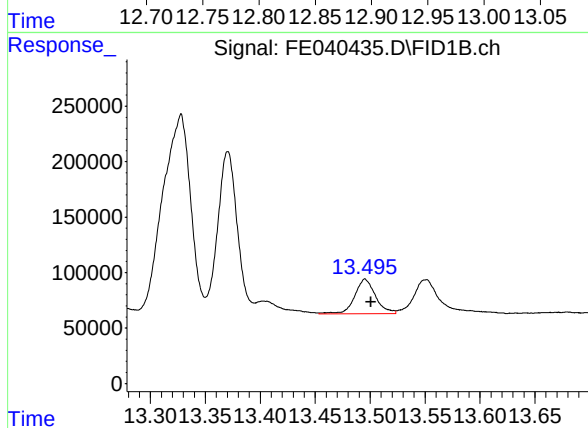
#9 ortho-Terphenyl (SURR)

R.T.: 11.890 min
Delta R.T.: -0.005 min
Response: 2538030
Conc: 15.68 ug/ml



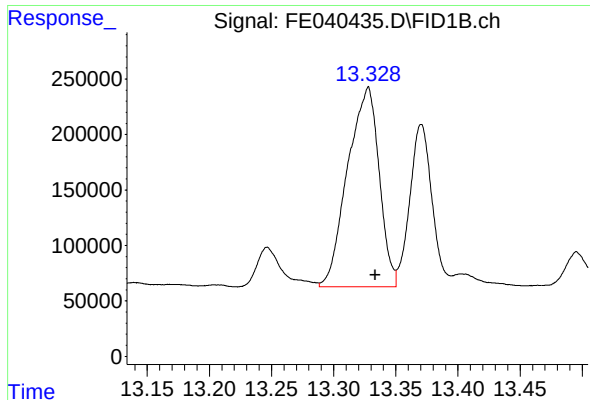
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: -0.006 min
Response: 526787
Conc: 3.58 ug/ml



#11 n-Heneicosane (C21)

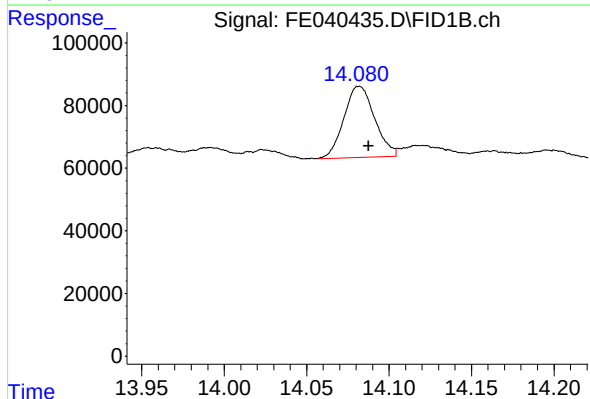
R.T.: 13.495 min
Delta R.T.: -0.005 min
Response: 411940
Conc: 2.79 ug/ml



#12 1-chlorooctadecane (SURR)

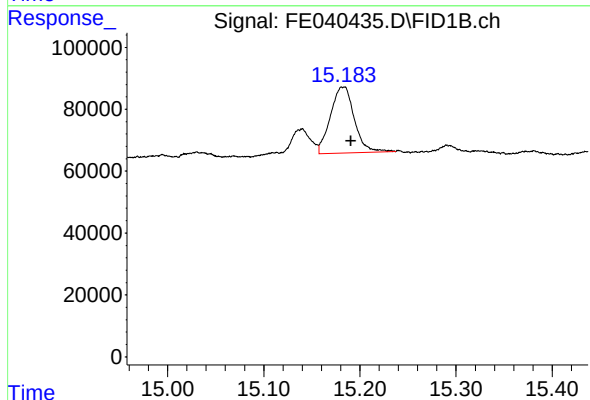
R.T.: 13.328 min
Delta R.T.: -0.006 min
Response: 3167805
Conc: 25.54 ug/ml

Instrument :
FID_E
ClientSampleId :



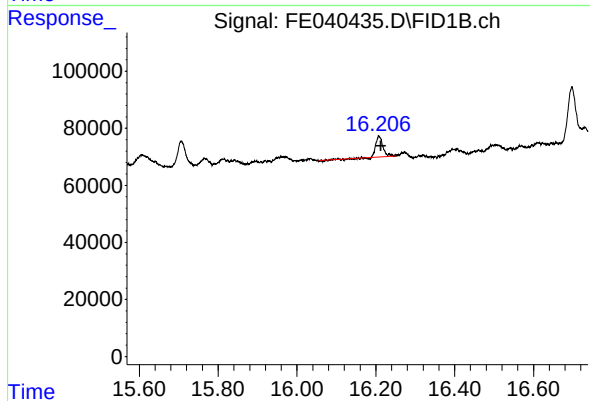
#13 n-Docosane (C22)

R.T.: 14.082 min
Delta R.T.: -0.006 min
Response: 295022
Conc: 1.99 ug/ml



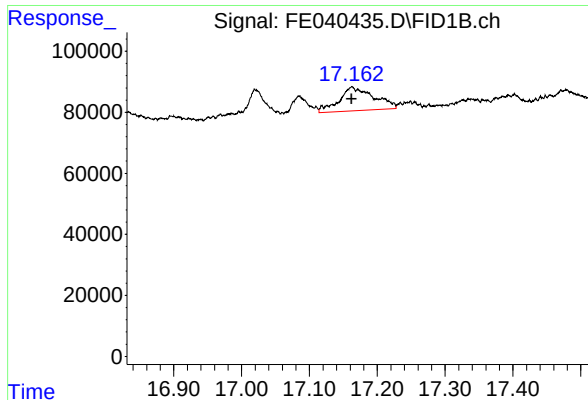
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: -0.008 min
Response: 369917
Conc: 2.44 ug/ml



#15 n-Hexacosane (C26)

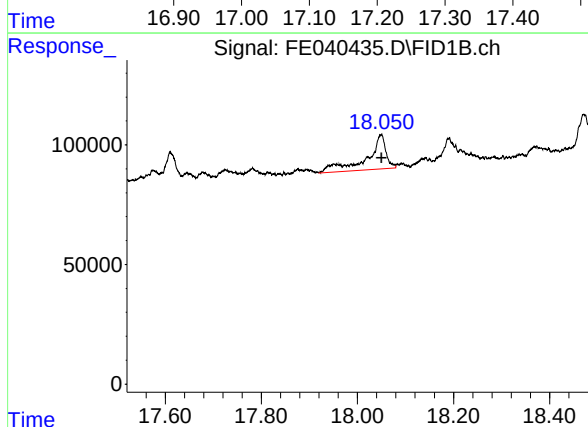
R.T.: 16.208 min
Delta R.T.: -0.005 min
Response: 91662
Conc: 0.62 ug/ml



#16 n-Octacosane (C28)

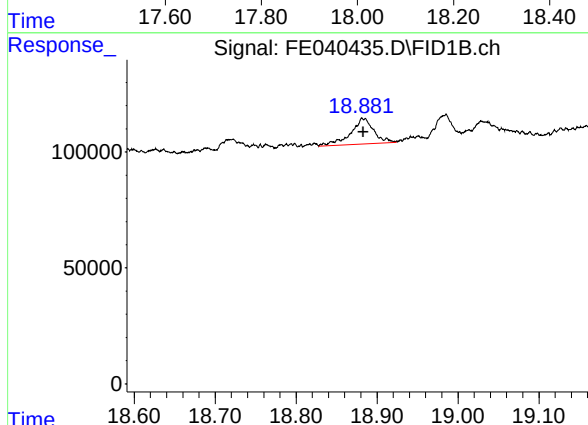
R.T.: 17.163 min
Delta R.T.: 0.000 min
Response: 276503
Conc: 1.85 ug/ml

Instrument :
FID_E
ClientSampleId :



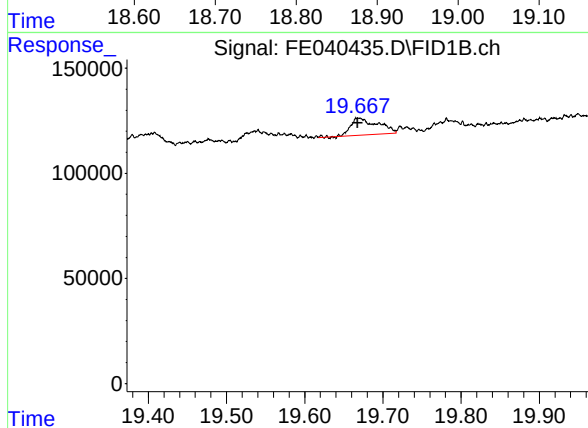
#17 n-Tricontane (C30)

R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 399484
Conc: 2.71 ug/ml



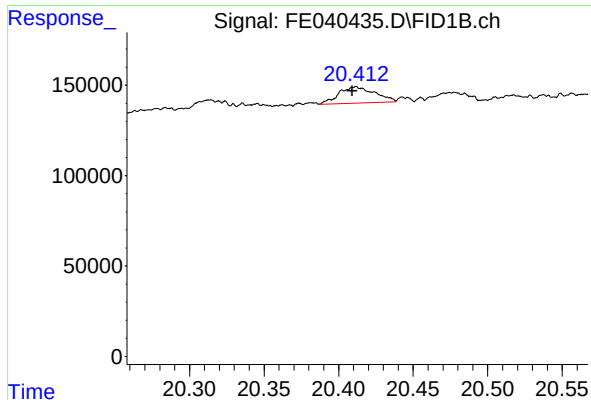
#18 n-Dotriacontane (C32)

R.T.: 18.882 min
Delta R.T.: 0.000 min
Response: 221233
Conc: 1.51 ug/ml



#19 n-Tetratriacontane (C34)

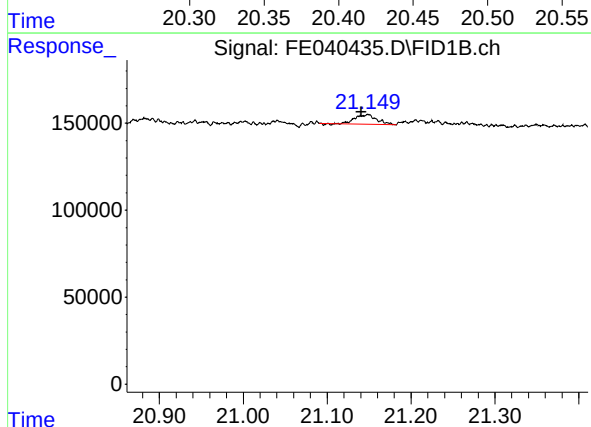
R.T.: 19.669 min
Delta R.T.: 0.002 min
Response: 190430
Conc: 1.38 ug/ml



#20 n-Hexatriacontane (C36)

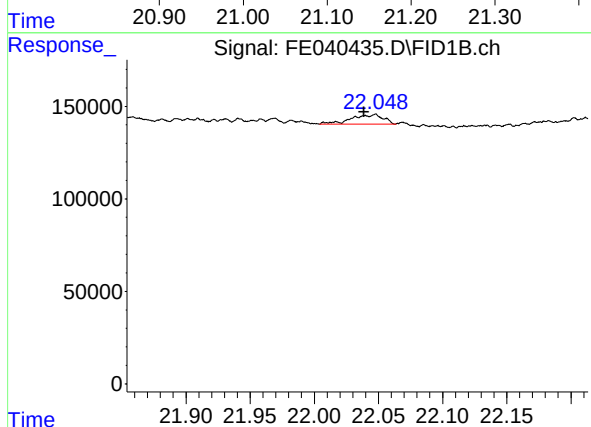
R.T.: 20.411 min
Delta R.T.: 0.002 min
Response: 151900
Conc: 1.15 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.149 min
Delta R.T.: 0.008 min
Response: 99232
Conc: 0.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.048 min
Delta R.T.: 0.009 min
Response: 87390
Conc: 0.66 ug/ml