

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042721AL\
 Data File : FC053450.D
 Signal(s) : FID1A.CH
 Acq On : 28 Apr 2021 2:23
 Operator : DD\AJ
 Sample : M2170-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 DS-1

Integration File: sample.E
 Quant Time: Apr 28 07:04:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.553	4954116	35.797 ug/ml
Spiked Amount 50.000		Recovery =	71.59%
12) S 1-chlorooctadecane (S...	12.993	4716783	43.580 ug/ml
Spiked Amount 50.000		Recovery =	87.16%
Target Compounds			
1) T n-Nonane (C9)	3.298	6897	0.059 ug/ml
2) T n-Decane (C10)	4.366	12380	0.106 ug/ml
3) T A~Naphthalene (C11.7)	5.953	903423	6.944 ug/ml
4) T n-Dodecane (C12)	6.387	70856	0.594 ug/ml
5) T A~2-methylnaphthalene...	7.012	499546	3.779 ug/ml
6) T n-Tetradecane (C14)	8.185	78426	0.644 ug/ml
7) T n-Hexadecane (C16)	9.799	606265	5.038 ug/ml
8) T n-Octadecane (C18)	11.230	127880	1.009 ug/ml
10) T n-Eicosane (C20)	12.554	422260	3.293 ug/ml
11) T n-Heneicosane (C21)	13.173	692709	5.394 ug/ml
13) T n-Docosane (C22)	13.774	1511588	11.729 ug/ml
14) T n-Tetracosane (C24)	14.835	3576932	27.695 ug/ml
15) T n-Hexacosane (C26)	15.896	1265012	9.843 ug/ml
16) T n-Octacosane (C28)	16.837	2283437	17.632 ug/ml
17) T n-Tricontane (C30)	17.721	2554560	18.970 ug/ml
18) T n-Dotriacontane (C32)	18.541	828261	6.039 ug/ml
19) T n-Tetratriacontane (C34)	19.329	1376916	10.551 ug/ml
20) T n-Hexatriacontane (C36)	20.047	2636498	21.775 ug/ml
21) T n-Octatriacontane (C38)	20.801	1635774	15.524 ug/ml
22) T n-Tetracontane (C40)	21.684	1598617	15.268 ug/ml

(f)=RT Delta > 1/2 Window

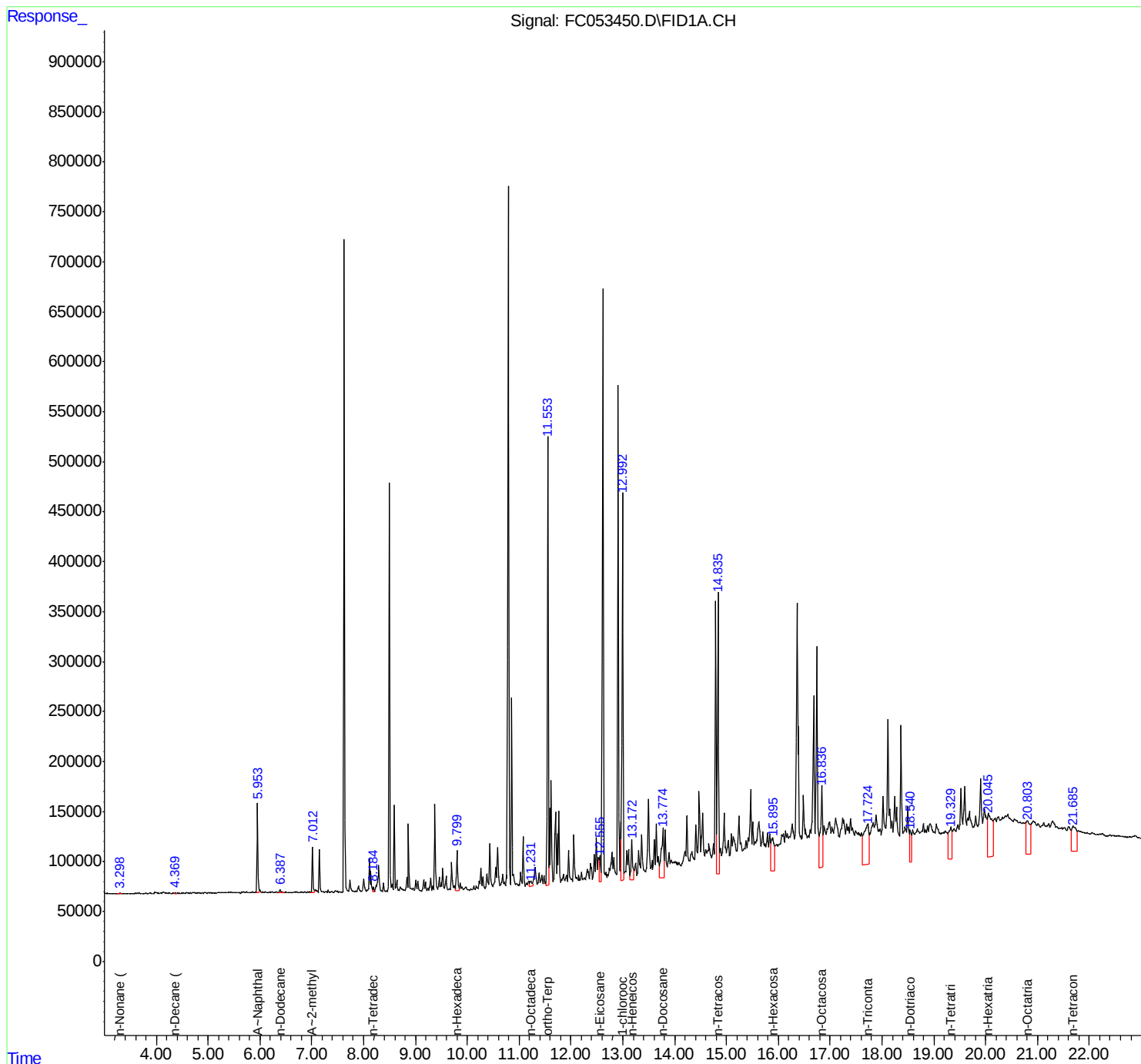
(m)=manual int.

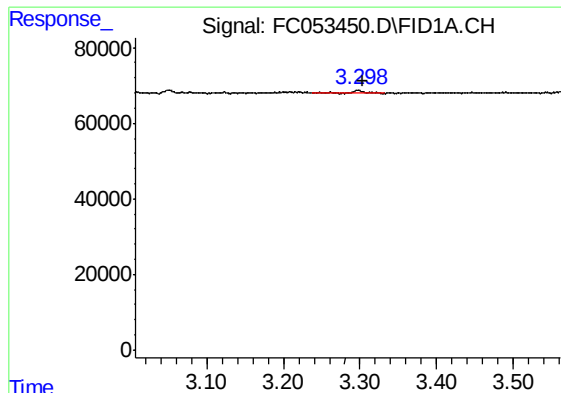
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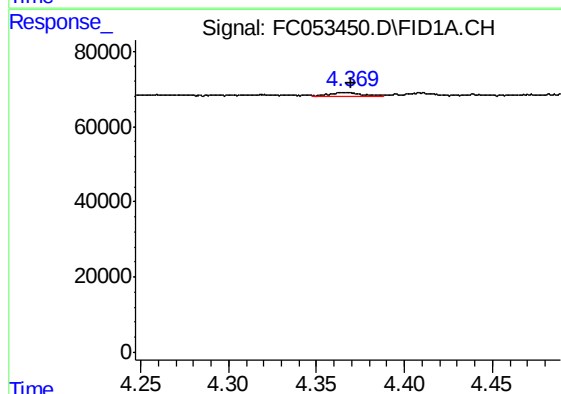




#1 n-Nonane (C9)

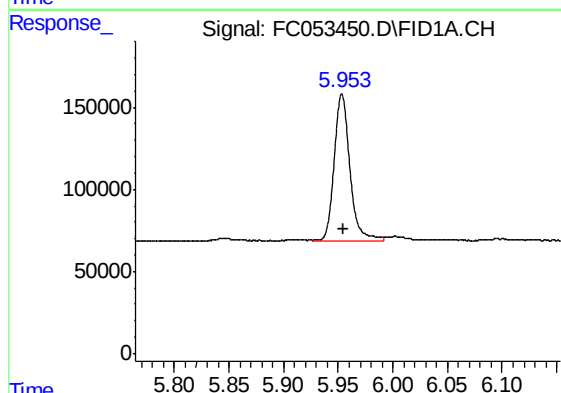
R.T.: 3.298 min
Delta R.T.: -0.006 min
Response: 6897
Conc: 0.06 ug/ml

Instrument :
FID_C
ClientSampleId :
DS-1



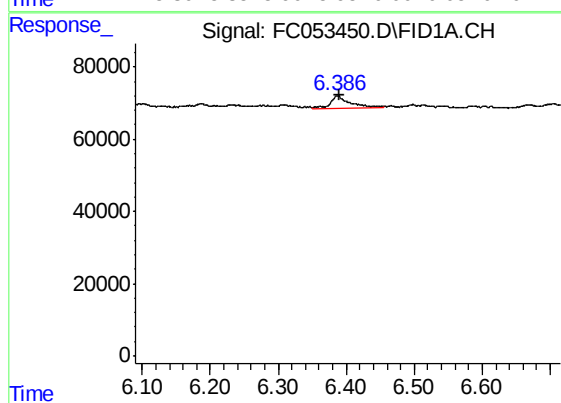
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.004 min
Response: 12380
Conc: 0.11 ug/ml



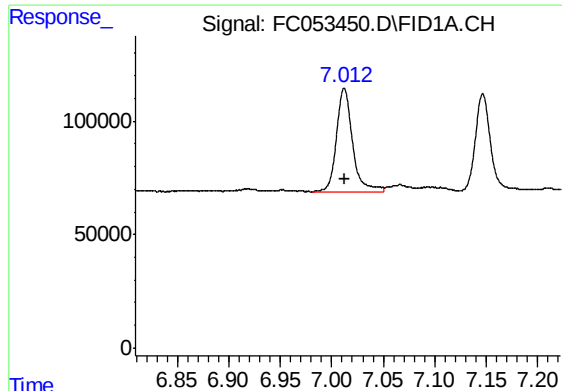
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: -0.001 min
Response: 903423
Conc: 6.94 ug/ml



#4 n-Dodecane (C12)

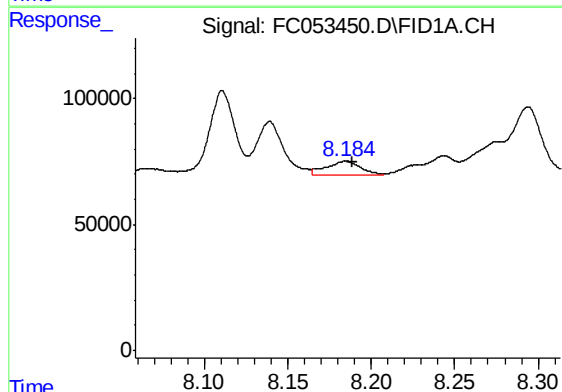
R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 70856
Conc: 0.59 ug/ml



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

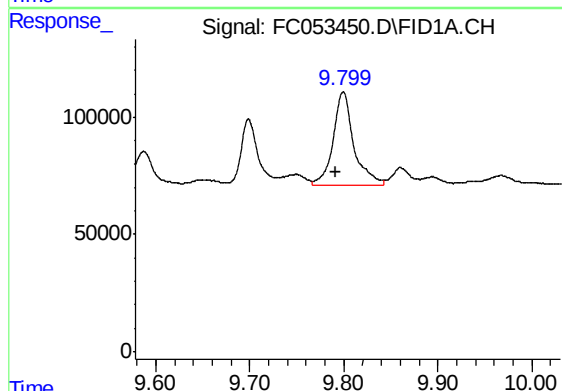
R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 499546
Conc: 3.78 ug/ml

Instrument :
FID_C
ClientSampleId :
DS-1



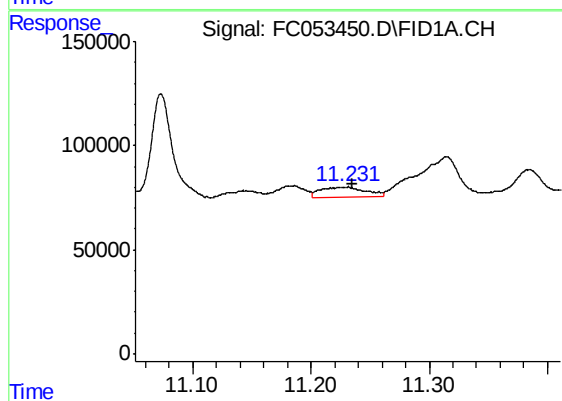
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: -0.004 min
Response: 78426
Conc: 0.64 ug/ml



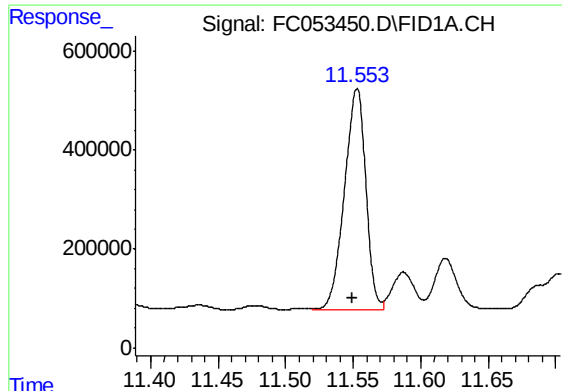
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: 0.008 min
Response: 606265
Conc: 5.04 ug/ml



#8 n-Octadecane (C18)

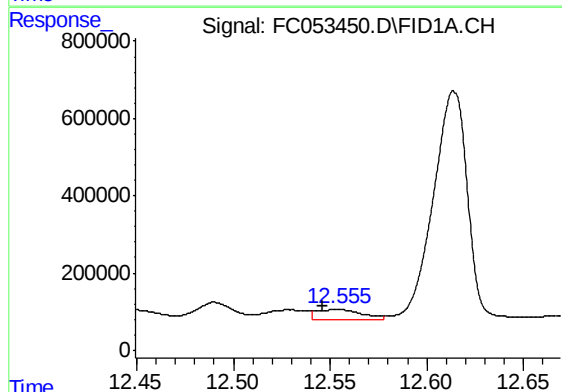
R.T.: 11.230 min
Delta R.T.: -0.005 min
Response: 127880
Conc: 1.01 ug/ml



#9 ortho-Terphenyl (SURR)

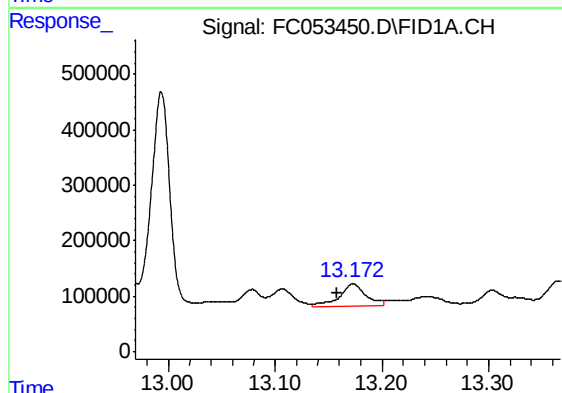
R.T.: 11.553 min
Delta R.T.: 0.003 min
Response: 4954116
Conc: 35.80 ug/ml

Instrument :
FID_C
ClientSampleId :
DS-1



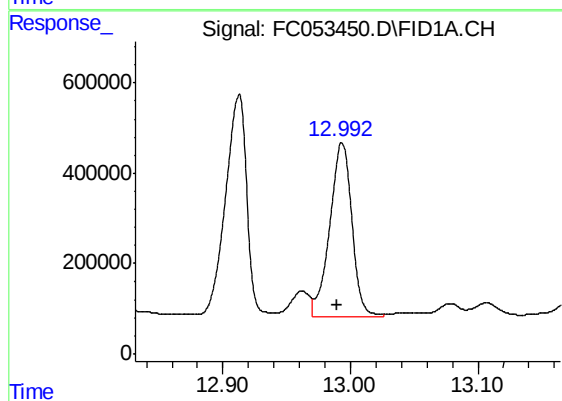
#10 n-Eicosane (C20)

R.T.: 12.554 min
Delta R.T.: 0.007 min
Response: 422260
Conc: 3.29 ug/ml



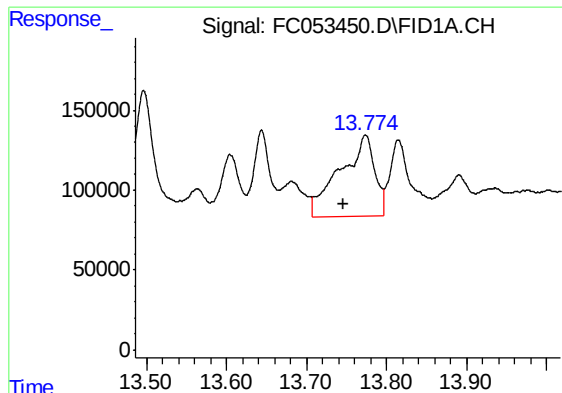
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: 0.015 min
Response: 692709
Conc: 5.39 ug/ml



#12 1-chlorooctadecane (SURR)

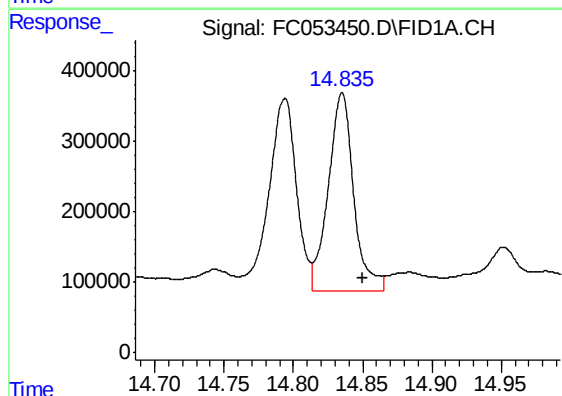
R.T.: 12.993 min
Delta R.T.: 0.004 min
Response: 4716783
Conc: 43.58 ug/ml



#13 n-Docosane (C22)

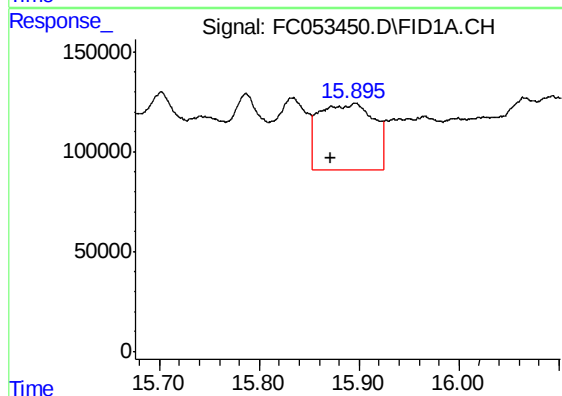
R.T.: 13.774 min
Delta R.T.: 0.028 min
Response: 1511588
Conc: 11.73 ug/ml

Instrument :
FID_C
ClientSampleId :
DS-1



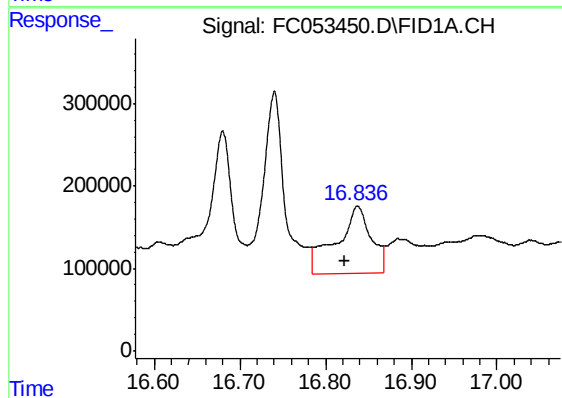
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.015 min
Response: 3576932
Conc: 27.69 ug/ml



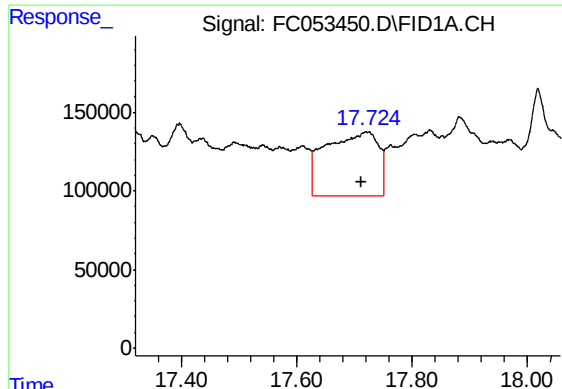
#15 n-Hexacosane (C26)

R.T.: 15.896 min
Delta R.T.: 0.025 min
Response: 1265012
Conc: 9.84 ug/ml



#16 n-Octacosane (C28)

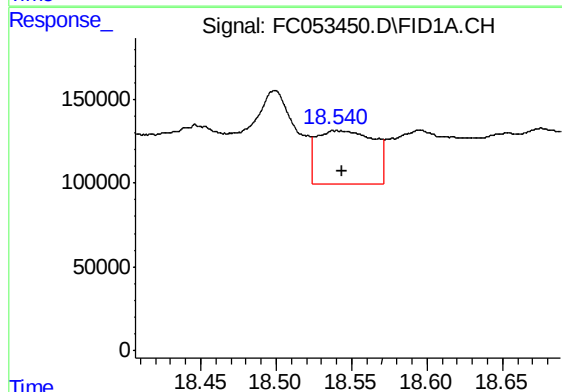
R.T.: 16.837 min
Delta R.T.: 0.015 min
Response: 2283437
Conc: 17.63 ug/ml



#17 n-Tricontane (C30)

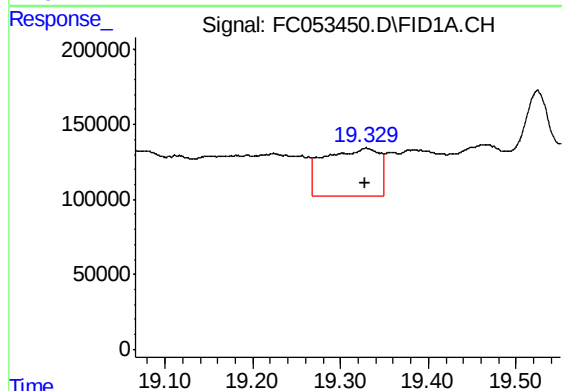
R.T.: 17.721 min
Delta R.T.: 0.010 min
Response: 2554560
Conc: 18.97 ug/ml

Instrument :
FID_C
ClientSampleId :
DS-1



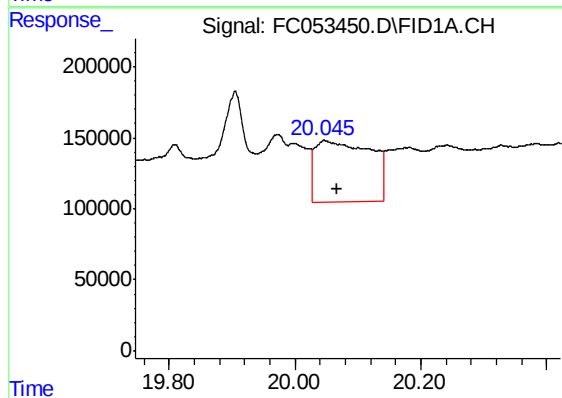
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.002 min
Response: 828261
Conc: 6.04 ug/ml



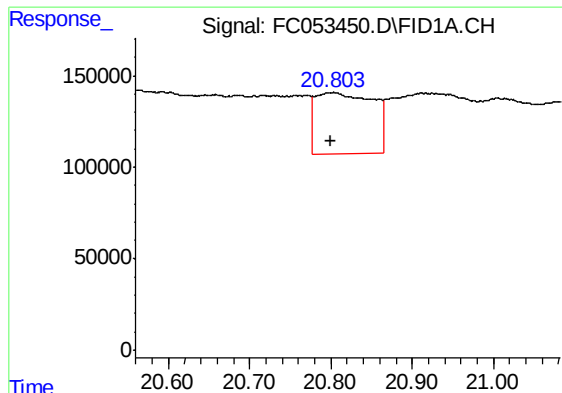
#19 n-Tetatriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.002 min
Response: 1376916
Conc: 10.55 ug/ml



#20 n-Hexatriacontane (C36)

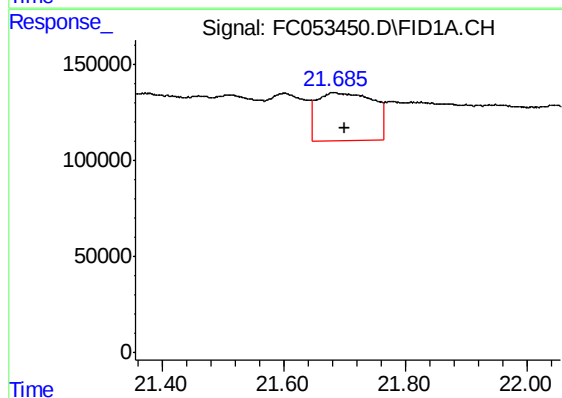
R.T.: 20.047 min
Delta R.T.: -0.021 min
Response: 2636498
Conc: 21.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.000 min
Response: 1635774
Conc: 15.52 ug/ml

Instrument :
FID_C
ClientSampleId :
DS-1



#22 n-Tetracontane (C40)

R.T.: 21.684 min
Delta R.T.: -0.018 min
Response: 1598617
Conc: 15.27 ug/ml