

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042121AL\
 Data File : FC053305.D
 Signal(s) : FID1A.CH
 Acq On : 21 Apr 2021 20:21
 Operator : DD\AJ
 Sample : M2109-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 22 04:16:28 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)	11.567	21816942	157.643 ug/ml
Spiked Amount 50.000		Recovery =	315.29%
12) S 1-chlorooctadecane (S...	13.002	11098492	102.544 ug/ml
Spiked Amount 50.000		Recovery =	205.09%
Target Compounds			
1) T n-Nonane (C9)	3.303	4271423	36.818 ug/ml
2) T n-Decane (C10)	4.373	8663999	74.029 ug/ml
3) T A~Naphthalene (C11.7)	5.963	8552482	65.740 ug/ml
4) T n-Dodecane (C12)	6.402	12902195	108.117 ug/ml
5) T A~2-methylnaphthalene...	7.032	14334831	108.451 ug/ml
6) T n-Tetradecane (C14)	8.208	20565709	168.980 ug/ml
7) T n-Hexadecane (C16)	9.811	25439377	211.419 ug/ml
8) T n-Octadecane (C18)	11.254	25475020	201.045 ug/ml
10) T n-Eicosane (C20)	12.558	15701264	122.436 ug/ml
11) T n-Heneicosane (C21)	13.167	7443219	57.956 ug/ml
13) T n-Docosane (C22)	13.750	5989849	46.476 ug/ml
14) T n-Tetracosane (C24)	14.848	1395459	10.804 ug/ml
15) T n-Hexacosane (C26)	15.867	197290	1.535 ug/ml
18) T n-Dotriacontane (C32)	18.539	117304	0.855 ug/ml
20) T n-Hexatriacontane (C36)	20.065	25448	0.210 ug/ml
21) T n-Octatriacontane (C38)	20.796	128838	1.223 ug/ml
22) T n-Tetracontane (C40)	21.719	476778	4.554 ug/ml

(f)=RT Delta > 1/2 Window

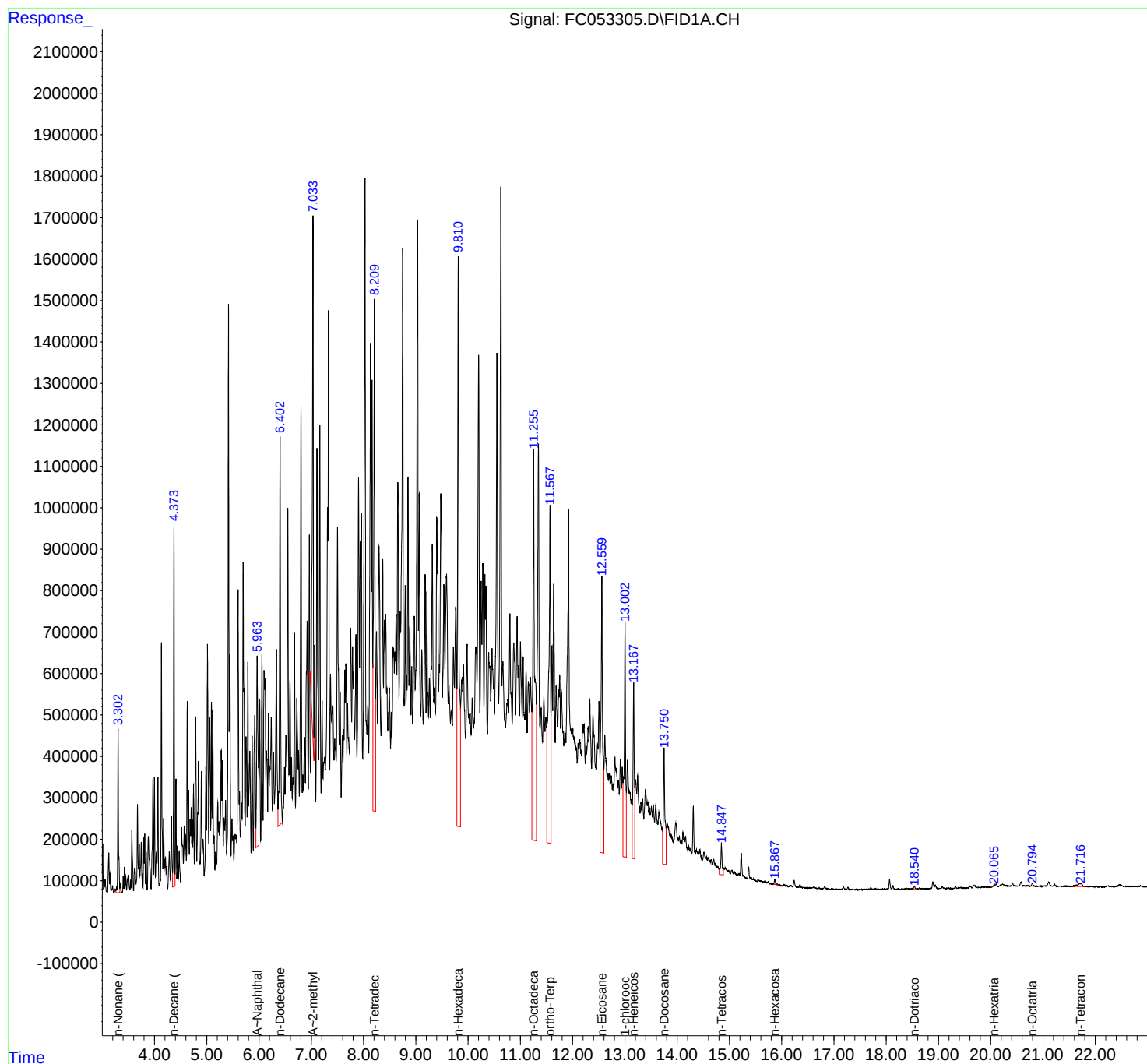
(m)=manual int.

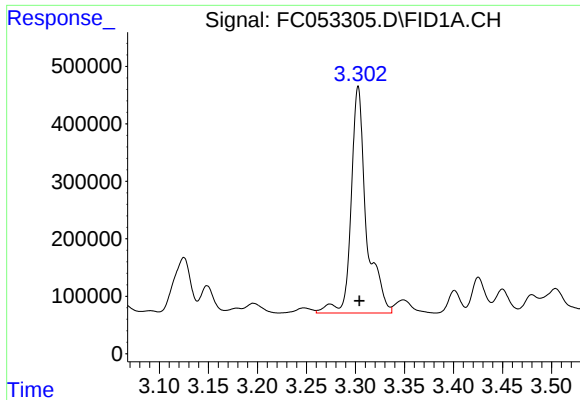
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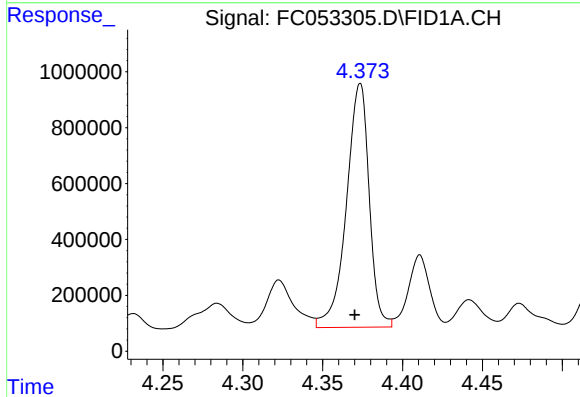




#1 n-Nonane (C9)

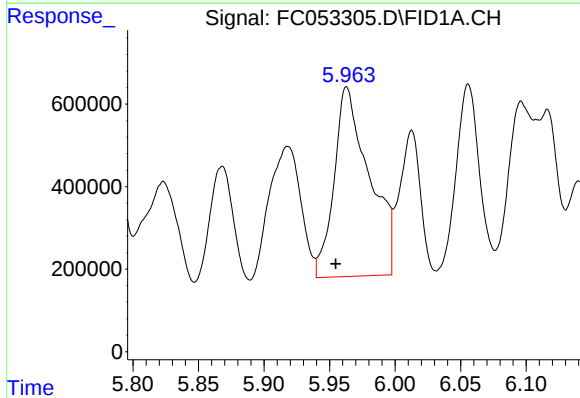
R.T.: 3.303 min
Delta R.T.: -0.001 min
Response: 4271423
Conc: 36.82 ug/ml

Instrument :
FID_C
ClientSampleId :



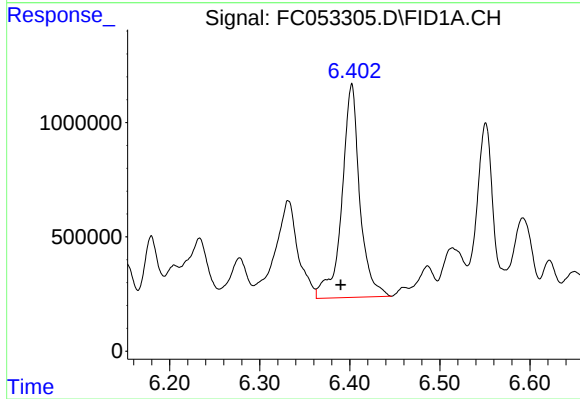
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: 0.003 min
Response: 8663999
Conc: 74.03 ug/ml



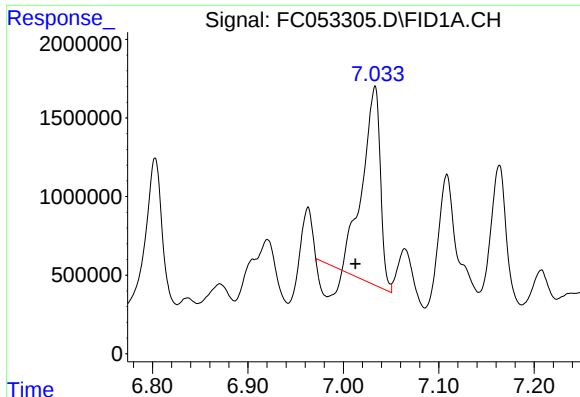
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.009 min
Response: 8552482
Conc: 65.74 ug/ml



#4 n-Dodecane (C12)

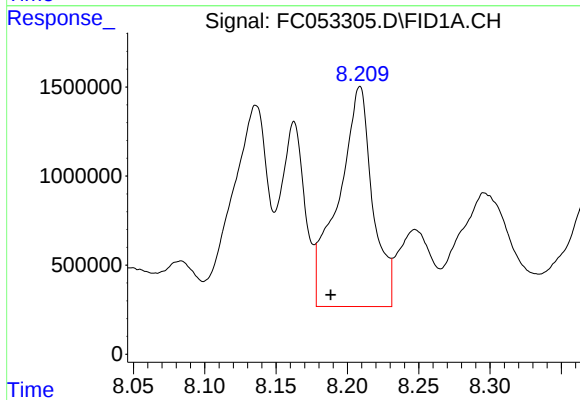
R.T.: 6.402 min
Delta R.T.: 0.012 min
Response: 12902195
Conc: 108.12 ug/ml



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

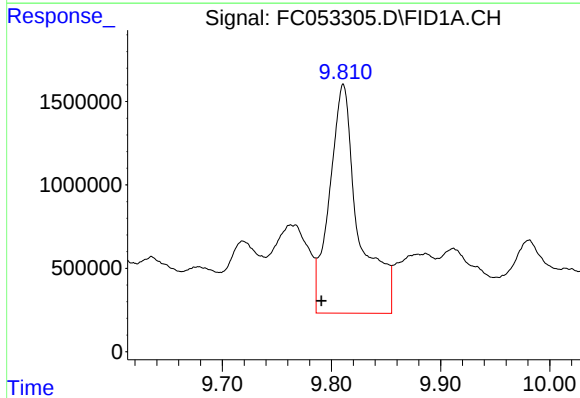
R.T.: 7.032 min
Delta R.T.: 0.019 min
Response: 14334831
Conc: 108.45 ug/ml

Instrument :
FID_C
ClientSampleId :



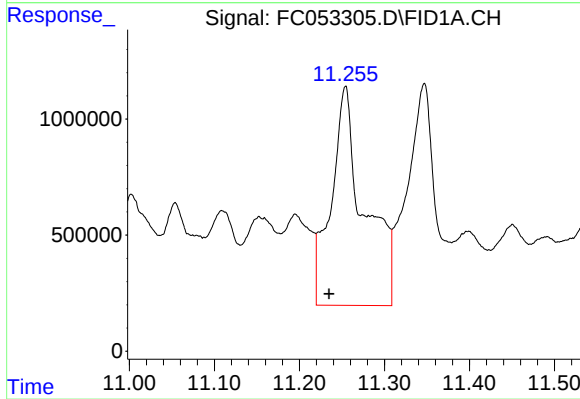
#6 n-Tetradecane (C14)

R.T.: 8.208 min
Delta R.T.: 0.020 min
Response: 20565709
Conc: 168.98 ug/ml



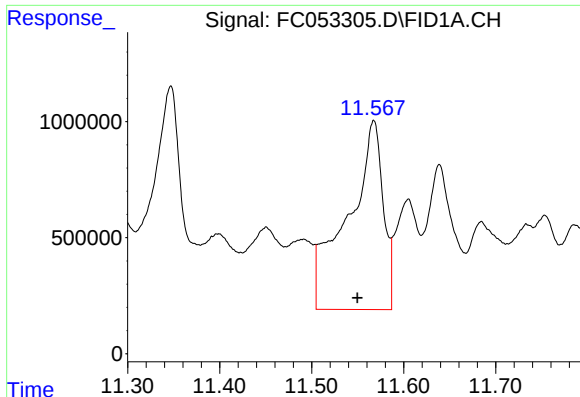
#7 n-Hexadecane (C16)

R.T.: 9.811 min
Delta R.T.: 0.020 min
Response: 25439377
Conc: 211.42 ug/ml



#8 n-Octadecane (C18)

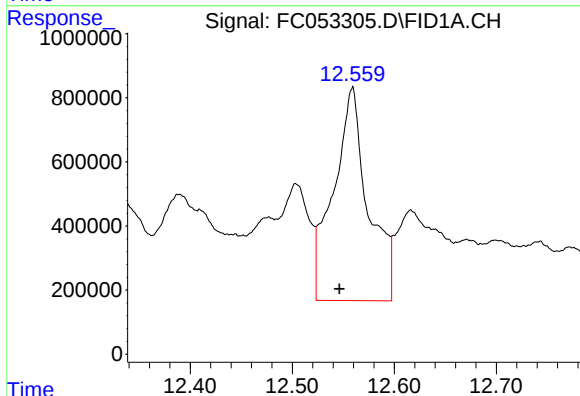
R.T.: 11.254 min
Delta R.T.: 0.019 min
Response: 25475020
Conc: 201.05 ug/ml



#9 ortho-Terphenyl (SURR)

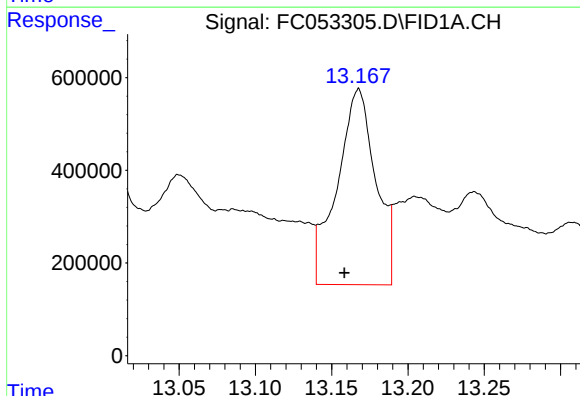
R.T.: 11.567 min
Delta R.T.: 0.018 min
Response: 21816942
Conc: 157.64 ug/ml

Instrument :
FID_C
ClientSampleId :



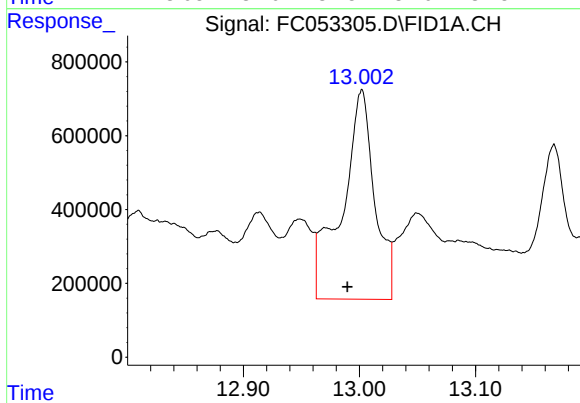
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: 0.012 min
Response: 15701264
Conc: 122.44 ug/ml



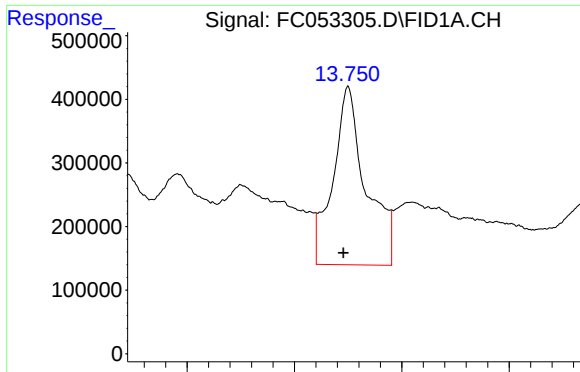
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: 0.009 min
Response: 7443219
Conc: 57.96 ug/ml



#12 1-chlorooctadecane (SURR)

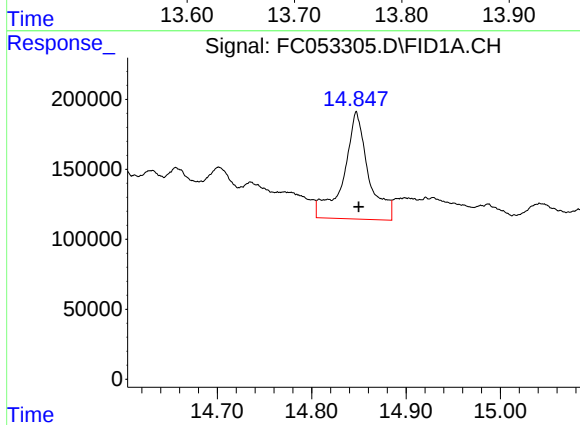
R.T.: 13.002 min
Delta R.T.: 0.012 min
Response: 11098492
Conc: 102.54 ug/ml



#13 n-Docosane (C22)

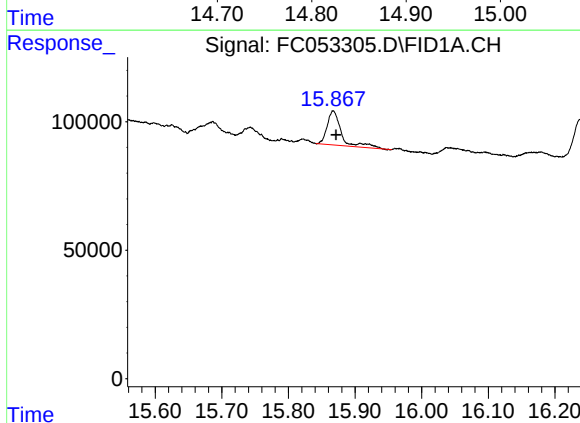
R.T.: 13.750 min
Delta R.T.: 0.004 min
Response: 5989849
Conc: 46.48 ug/ml

Instrument :
FID_C
ClientSampleId :



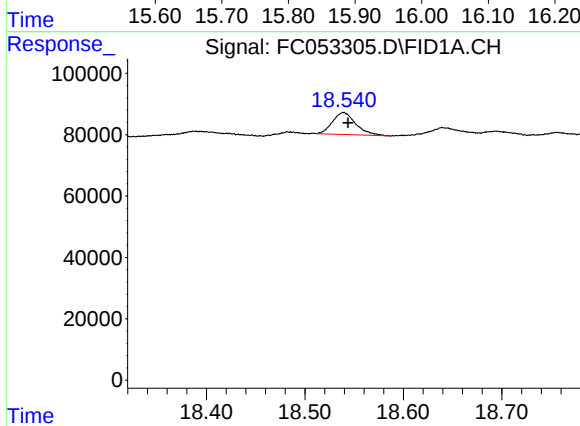
#14 n-Tetracosane (C24)

R.T.: 14.848 min
Delta R.T.: -0.002 min
Response: 1395459
Conc: 10.80 ug/ml



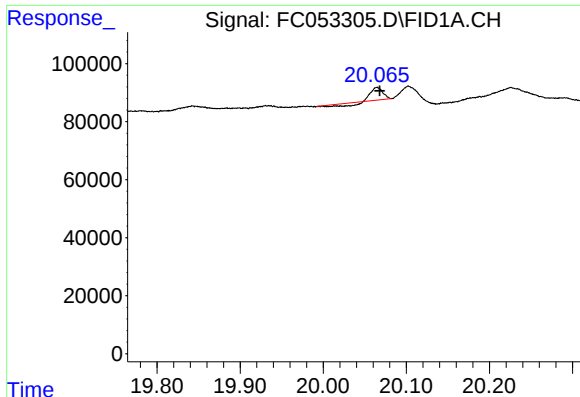
#15 n-Hexacosane (C26)

R.T.: 15.867 min
Delta R.T.: -0.004 min
Response: 197290
Conc: 1.54 ug/ml



#18 n-Dotriacontane (C32)

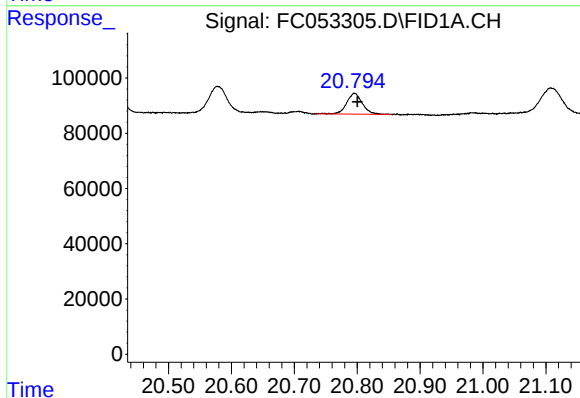
R.T.: 18.539 min
Delta R.T.: -0.005 min
Response: 117304
Conc: 0.86 ug/ml



#20 n-Hexatriacontane (C36)

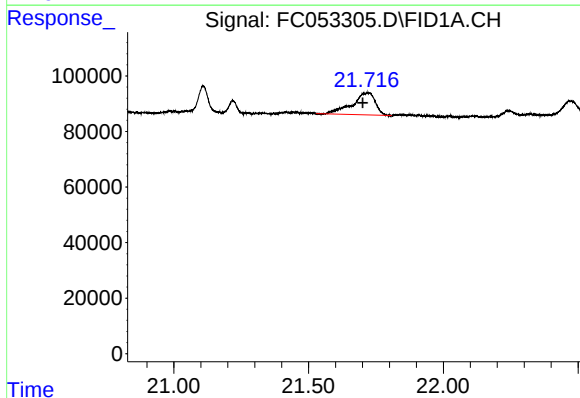
R.T.: 20.065 min
Delta R.T.: -0.003 min
Response: 25448
Conc: 0.21 ug/ml

Instrument :
FID_C
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: -0.005 min
Response: 128838
Conc: 1.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.719 min
Delta R.T.: 0.017 min
Response: 476778
Conc: 4.55 ug/ml