

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121521AL\
 Data File : FC057504.D
 Signal(s) : FID1A.CH
 Acq On : 15 Dec 2021 22:27
 Operator : AJ\MA
 Sample : M5011-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 16 00:49:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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)	10.918	1173479	8.433 ug/ml
Spiked Amount 50.000		Recovery =	16.87%
12) S 1-chlorooctadecane (S...	12.326	633515	5.721 ug/ml
Spiked Amount 50.000		Recovery =	11.44%
Target Compounds			
1) T n-Nonane (C9)	2.723	43410	0.351 ug/ml
2) T n-Decane (C10)	3.702	622959	5.001 ug/ml
4) T n-Dodecane (C12)	5.689	336091	2.722 ug/ml
5) T A~2-methylnaphthalene...	6.348	626137	4.477 ug/ml
6) T n-Tetradecane (C14)	7.529	917174	7.407 ug/ml
7) T n-Hexadecane (C16)	9.111	300186	2.394 ug/ml
8) T n-Octadecane (C18)	10.544	424501	3.280 ug/ml
10) T n-Eicosane (C20)	11.856	288310	2.219 ug/ml
11) T n-Heneicosane (C21)	12.485	659825	5.028 ug/ml
13) T n-Docosane (C22)	13.080	168327	1.281 ug/ml
16) T n-Octacosane (C28)	16.095	76937	0.585 ug/ml
17) T n-Tricontane (C30)	16.983	283314	2.073 ug/ml
18) T n-Dotriacontane (C32)	17.848	99544	0.742 ug/ml
19) T n-Tetratriacontane (C34)	18.600	241497	1.852 ug/ml
20) T n-Hexatriacontane (C36)	19.405	328586	2.767 ug/ml
21) T n-Octatriacontane (C38)	20.101	31950	0.291 ug/ml
22) T n-Tetracontane (C40)	21.040	448990	4.497 ug/ml

(f)=RT Delta > 1/2 Window

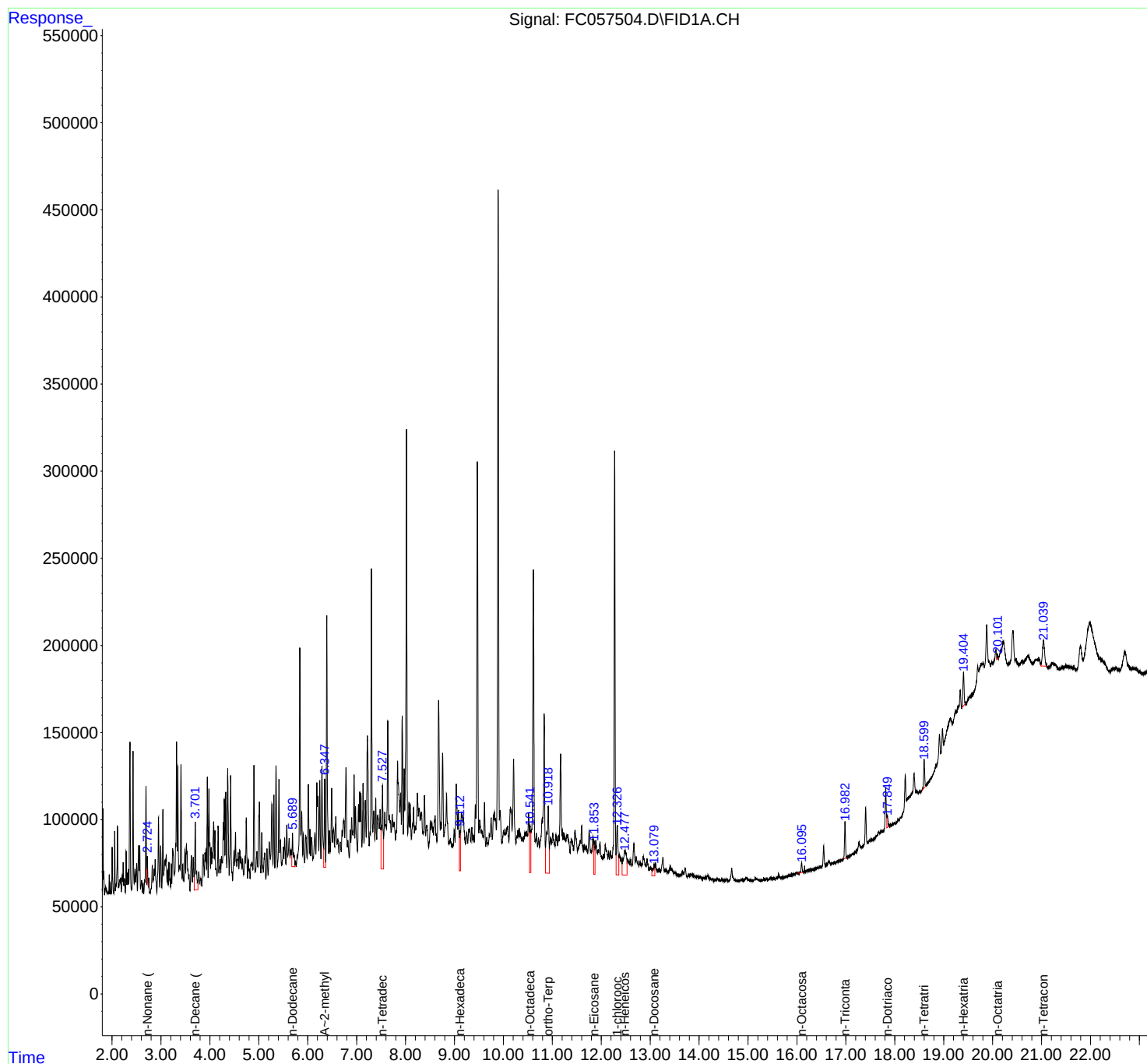
(m)=manual int.

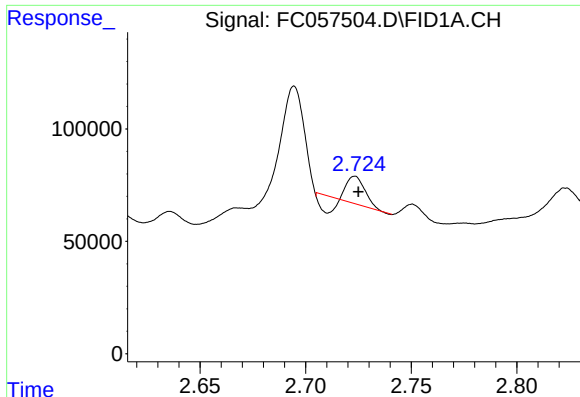
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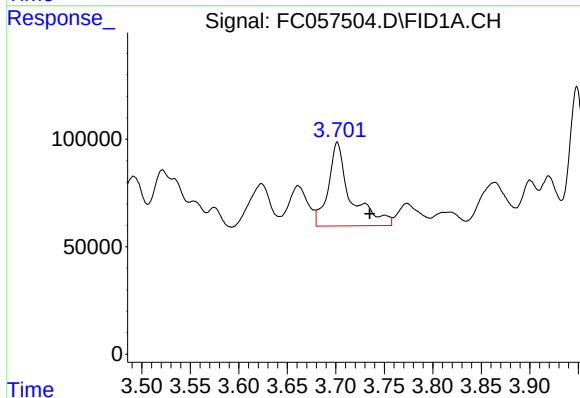




#1 n-Nonane (C9)

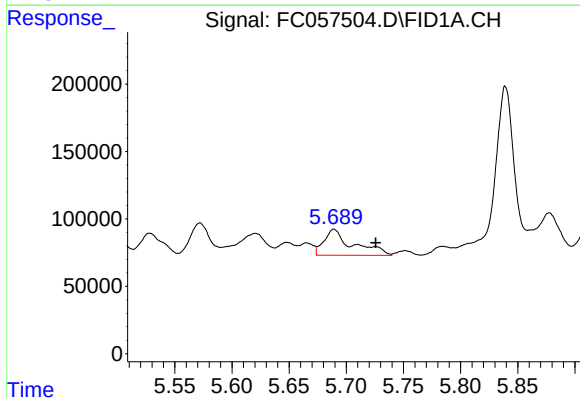
R.T.: 2.723 min
Delta R.T.: -0.002 min
Response: 43410
Conc: 0.35 ug/ml

Instrument :
FID_C
ClientSampleId :



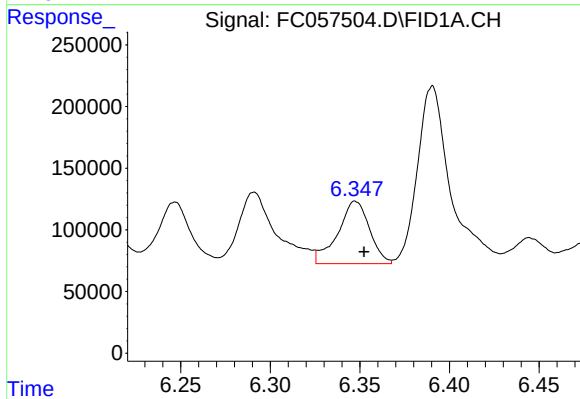
#2 n-Decane (C10)

R.T.: 3.702 min
Delta R.T.: -0.033 min
Response: 622959
Conc: 5.00 ug/ml



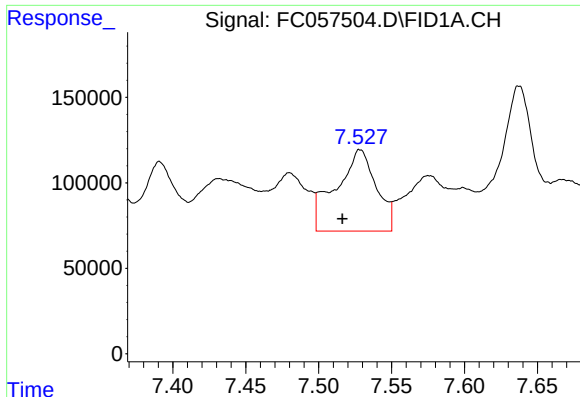
#4 n-Dodecane (C12)

R.T.: 5.689 min
Delta R.T.: -0.036 min
Response: 336091
Conc: 2.72 ug/ml



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

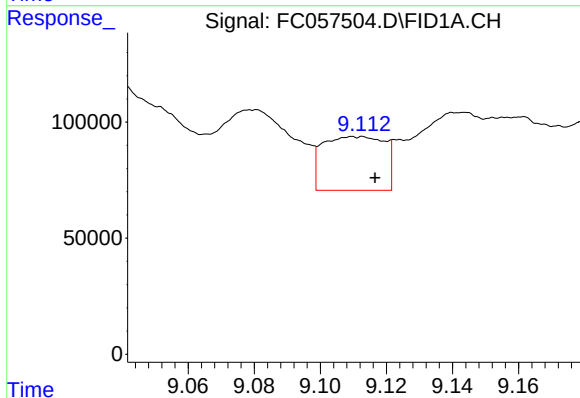
R.T.: 6.348 min
Delta R.T.: -0.005 min
Response: 626137
Conc: 4.48 ug/ml



#6 n-Tetradecane (C14)

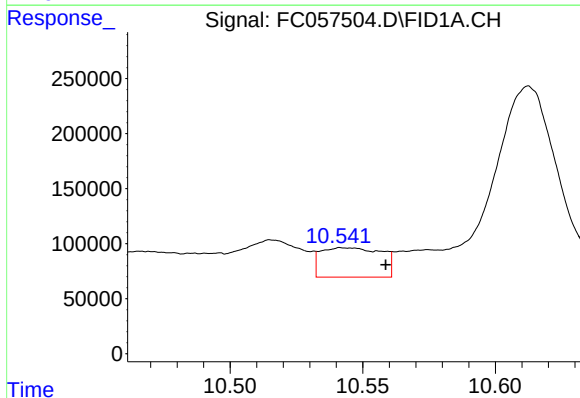
R.T.: 7.529 min
Delta R.T.: 0.012 min
Response: 917174
Conc: 7.41 ug/ml

Instrument :
FID_C
ClientSampleId :



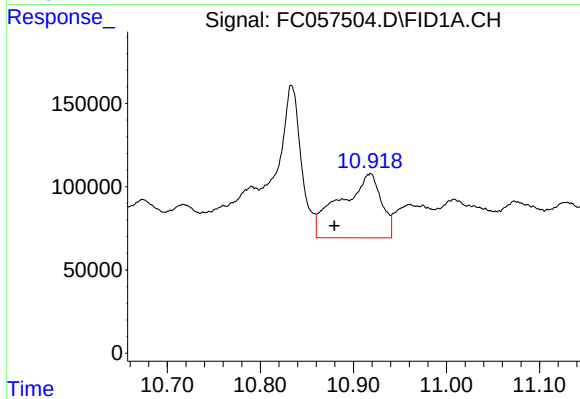
#7 n-Hexadecane (C16)

R.T.: 9.111 min
Delta R.T.: -0.006 min
Response: 300186
Conc: 2.39 ug/ml



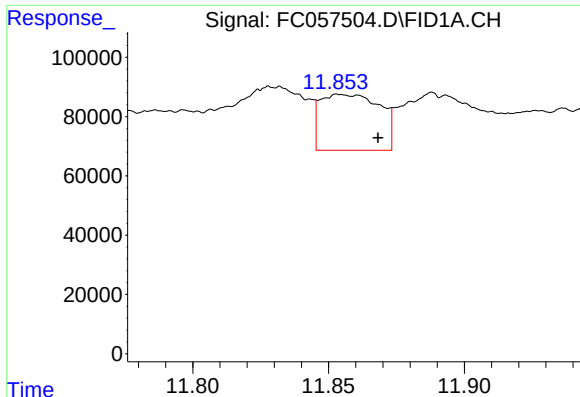
#8 n-Octadecane (C18)

R.T.: 10.544 min
Delta R.T.: -0.015 min
Response: 424501
Conc: 3.28 ug/ml



#9 ortho-Terphenyl (SURR)

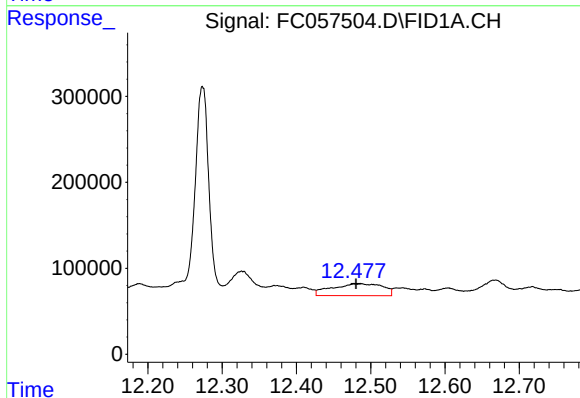
R.T.: 10.918 min
Delta R.T.: 0.038 min
Response: 1173479
Conc: 8.43 ug/ml



#10 n-Eicosane (C20)

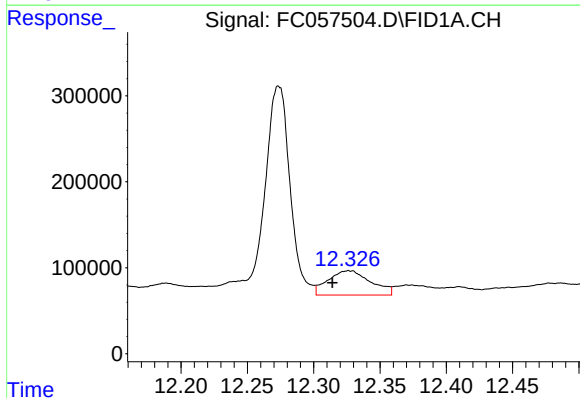
R.T.: 11.856 min
Delta R.T.: -0.012 min
Response: 288310
Conc: 2.22 ug/ml

Instrument :
FID_C
ClientSampleId :



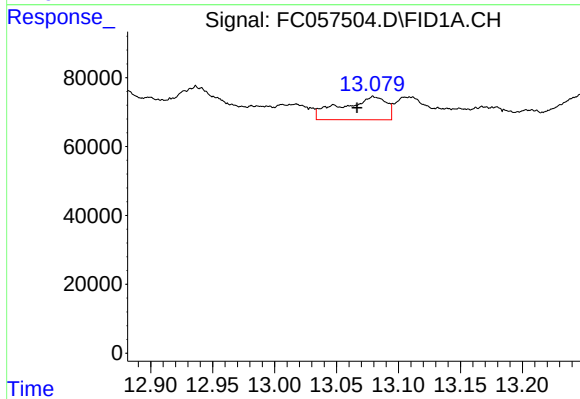
#11 n-Heneicosane (C21)

R.T.: 12.485 min
Delta R.T.: 0.004 min
Response: 659825
Conc: 5.03 ug/ml



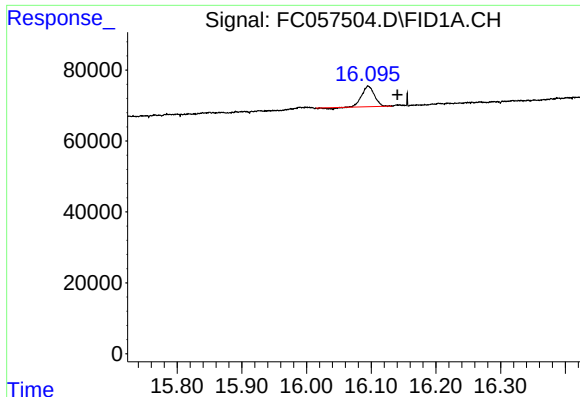
#12 1-chlorooctadecane (SURR)

R.T.: 12.326 min
Delta R.T.: 0.012 min
Response: 633515
Conc: 5.72 ug/ml



#13 n-Docosane (C22)

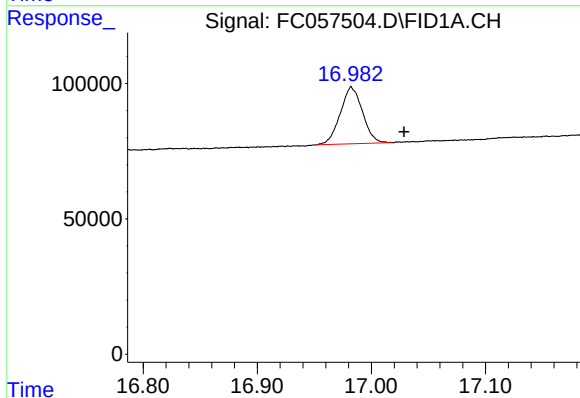
R.T.: 13.080 min
Delta R.T.: 0.014 min
Response: 168327
Conc: 1.28 ug/ml



#16 n-Octacosane (C28)

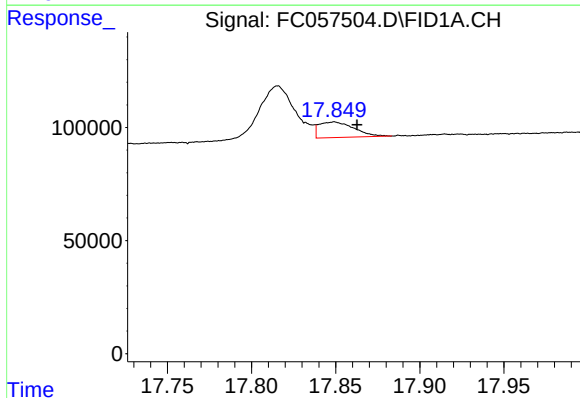
R.T.: 16.095 min
Delta R.T.: -0.045 min
Response: 76937
Conc: 0.59 ug/ml

Instrument :
FID_C
ClientSampleId :



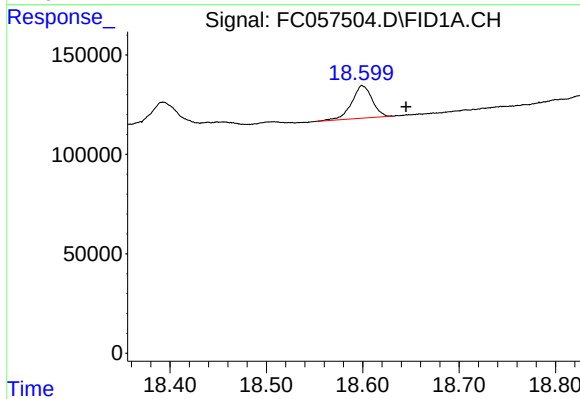
#17 n-Tricontane (C30)

R.T.: 16.983 min
Delta R.T.: -0.046 min
Response: 283314
Conc: 2.07 ug/ml



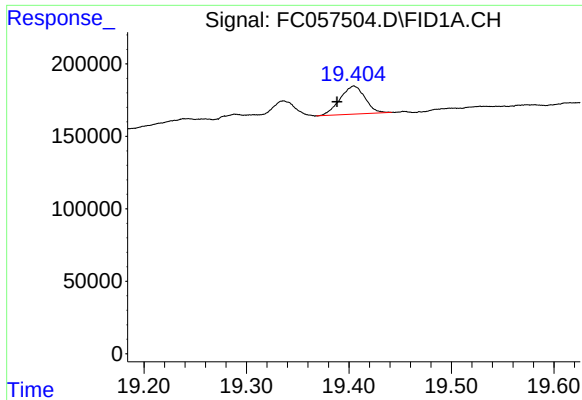
#18 n-Dotriacontane (C32)

R.T.: 17.848 min
Delta R.T.: -0.014 min
Response: 99544
Conc: 0.74 ug/ml



#19 n-Tetratriacontane (C34)

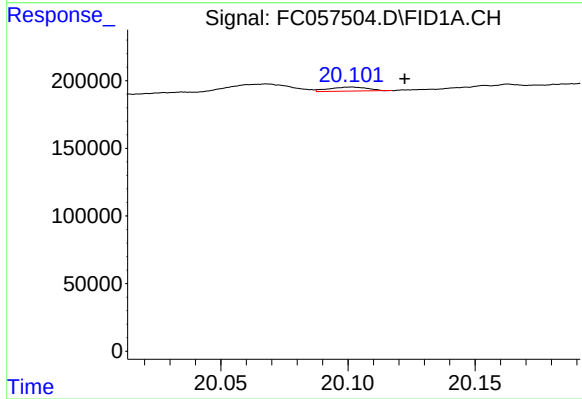
R.T.: 18.600 min
Delta R.T.: -0.045 min
Response: 241497
Conc: 1.85 ug/ml



#20 n-Hexatriacontane (C36)

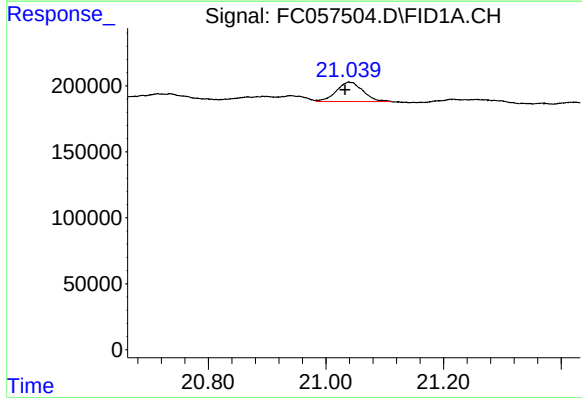
R.T.: 19.405 min
Delta R.T.: 0.017 min
Response: 328586
Conc: 2.77 ug/ml

Instrument :
FID_C
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 20.101 min
Delta R.T.: -0.021 min
Response: 31950
Conc: 0.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.040 min
Delta R.T.: 0.008 min
Response: 448990
Conc: 4.50 ug/ml