

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057528.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 14:26
 Operator : AJ\MA
 Sample : M5073-01DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 16 15:02:17 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)	10.821	1027397	7.383 ug/ml
Spiked Amount 50.000		Recovery =	14.77%
12) S 1-chlorooctadecane (S...	12.309	3589526	32.414 ug/ml
Spiked Amount 50.000		Recovery =	64.83%
Target Compounds			
4) T n-Dodecane (C12)	5.679	46326	0.375 ug/ml
6) T n-Tetradecane (C14)	7.468	115386	0.932 ug/ml
7) T n-Hexadecane (C16)	9.066	123429	0.984 ug/ml
8) T n-Octadecane (C18)	10.507	134570	1.040 ug/ml
10) T n-Eicosane (C20)	11.859	150746	1.160 ug/ml
11) T n-Heneicosane (C21)	12.447	47419	0.361 ug/ml
13) T n-Docosane (C22)	13.015	73394	0.558 ug/ml
14) T n-Tetracosane (C24)	14.115	48185	0.362 ug/ml
15) T n-Hexacosane (C26)	15.137	84506	0.644 ug/ml
16) T n-Octacosane (C28)	16.091	72435	0.551 ug/ml
17) T n-Tricontane (C30)	16.972	155868	1.140 ug/ml
18) T n-Dotriacontane (C32)	17.806	197509	1.473 ug/ml
19) T n-Tetratriacontane (C34)	18.593	114001	0.874 ug/ml
20) T n-Hexatriacontane (C36)	19.328	82438	0.694 ug/ml
21) T n-Octatriacontane (C38)	20.061	338170	3.079 ug/ml
22) T n-Tetracontane (C40)	20.942	74991	0.751 ug/ml

(f)=RT Delta > 1/2 Window

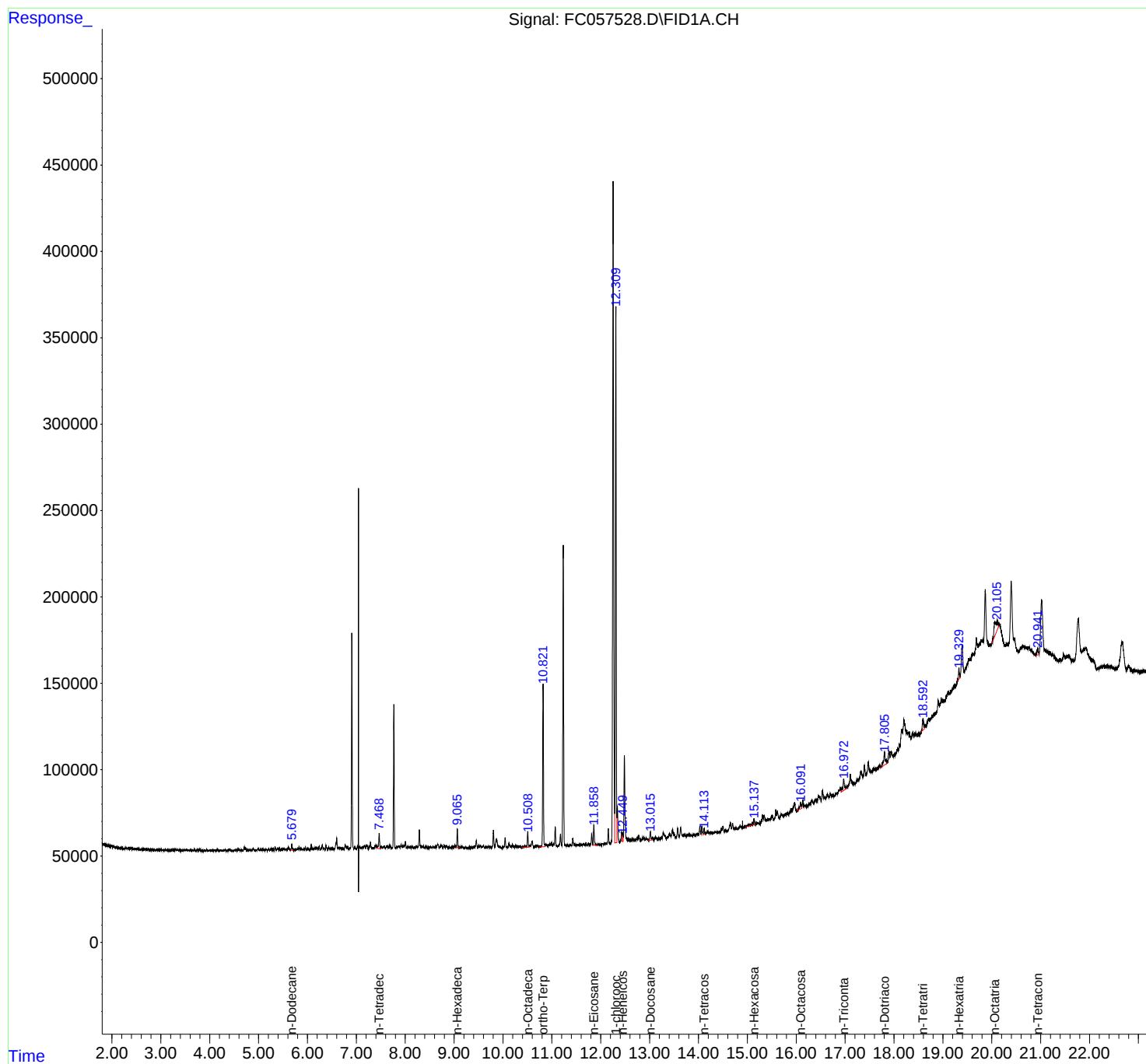
(m)=manual int.

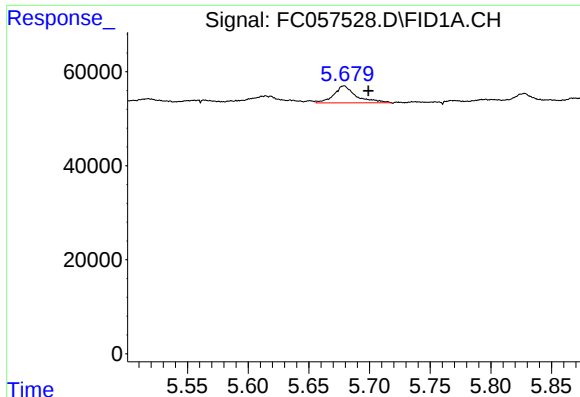
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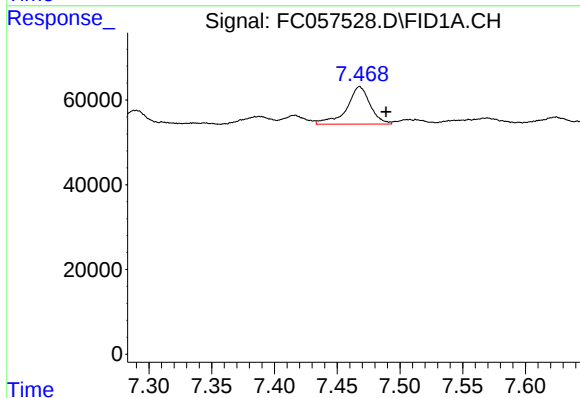




#4 n-Dodecane (C12)

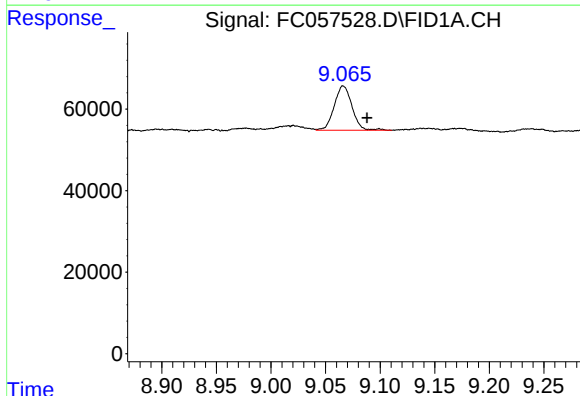
R.T.: 5.679 min
Delta R.T.: -0.020 min
Response: 46326
Conc: 0.38 ug/ml

Instrument :
FID_C
ClientSampleId :



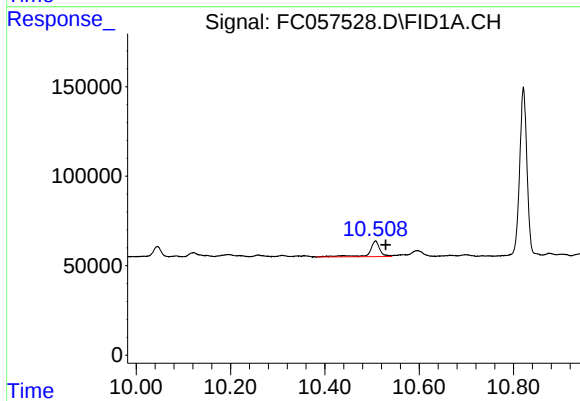
#6 n-Tetradecane (C14)

R.T.: 7.468 min
Delta R.T.: -0.021 min
Response: 115386
Conc: 0.93 ug/ml



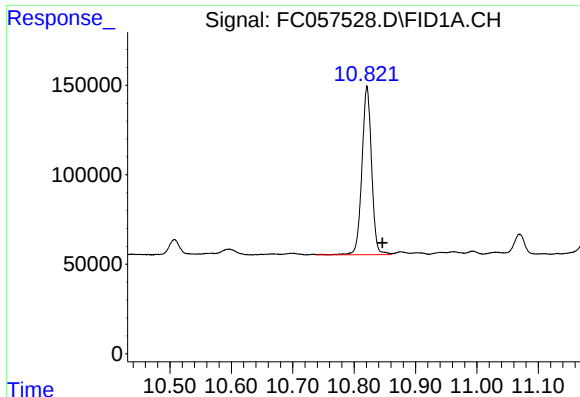
#7 n-Hexadecane (C16)

R.T.: 9.066 min
Delta R.T.: -0.022 min
Response: 123429
Conc: 0.98 ug/ml



#8 n-Octadecane (C18)

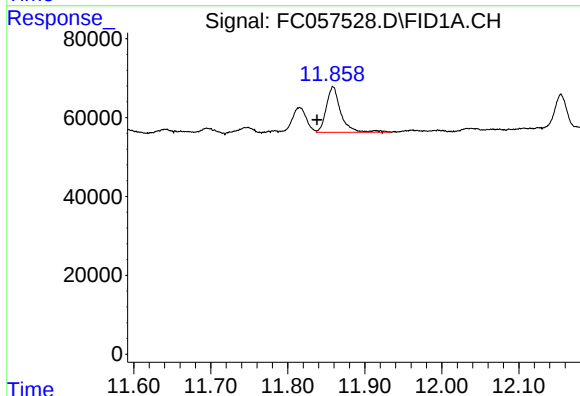
R.T.: 10.507 min
Delta R.T.: -0.022 min
Response: 134570
Conc: 1.04 ug/ml



#9 ortho-Terphenyl (SURR)

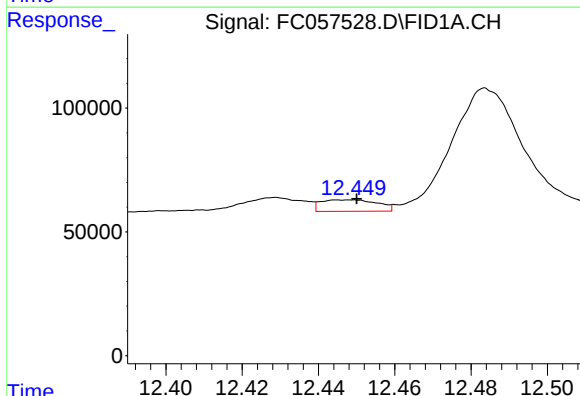
R.T.: 10.821 min
Delta R.T.: -0.025 min
Response: 1027397
Conc: 7.38 ug/ml

Instrument :
FID_C
ClientSampleId :



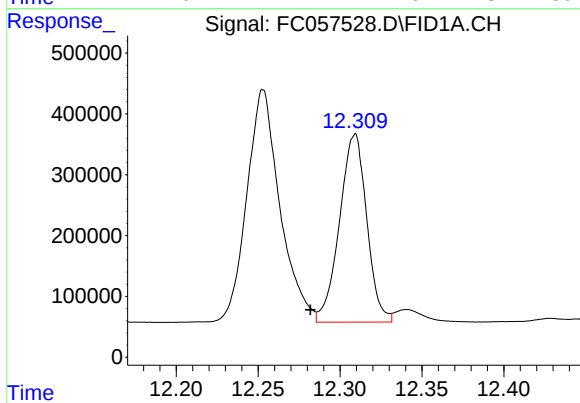
#10 n-Eicosane (C20)

R.T.: 11.859 min
Delta R.T.: 0.021 min
Response: 150746
Conc: 1.16 ug/ml



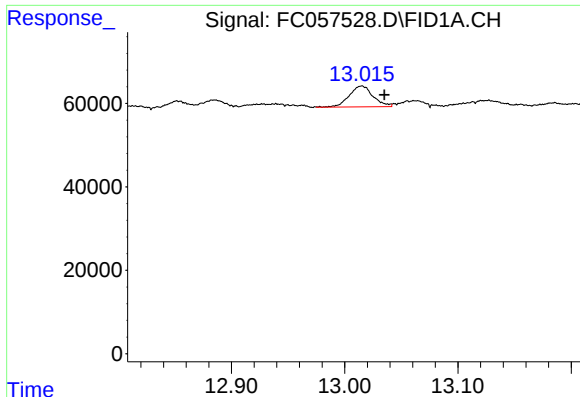
#11 n-Heneicosane (C21)

R.T.: 12.447 min
Delta R.T.: -0.003 min
Response: 47419
Conc: 0.36 ug/ml



#12 1-chlorooctadecane (SURR)

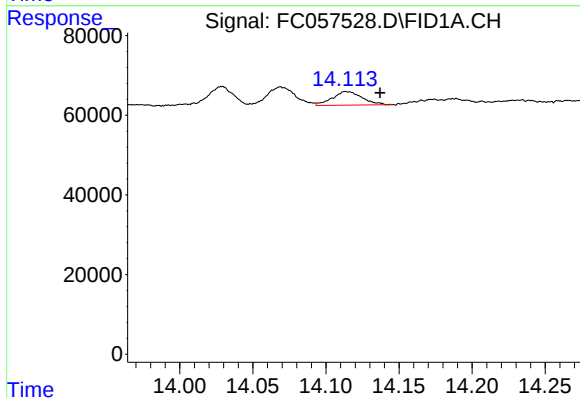
R.T.: 12.309 min
Delta R.T.: 0.027 min
Response: 3589526
Conc: 32.41 ug/ml



#13 n-Docosane (C22)

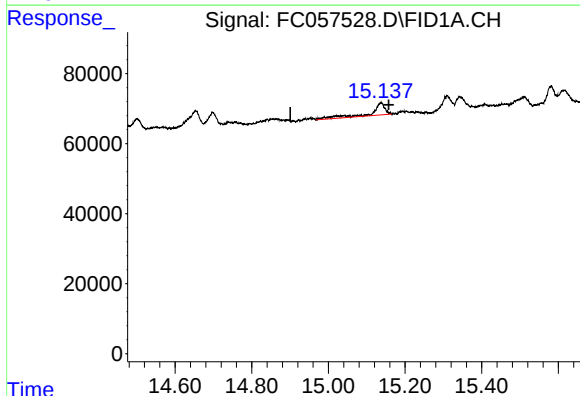
R.T.: 13.015 min
Delta R.T.: -0.020 min
Response: 73394
Conc: 0.56 ug/ml

Instrument :
FID_C
ClientSampleId :



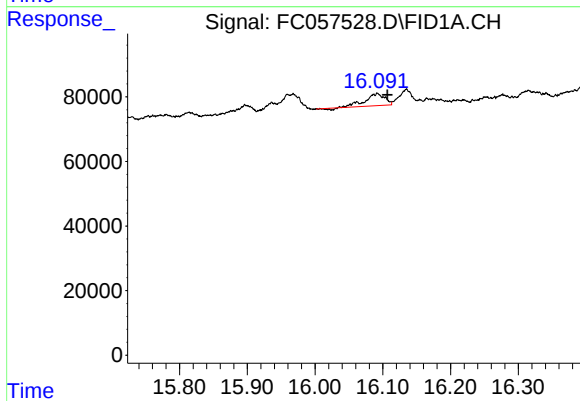
#14 n-Tetracosane (C24)

R.T.: 14.115 min
Delta R.T.: -0.022 min
Response: 48185
Conc: 0.36 ug/ml



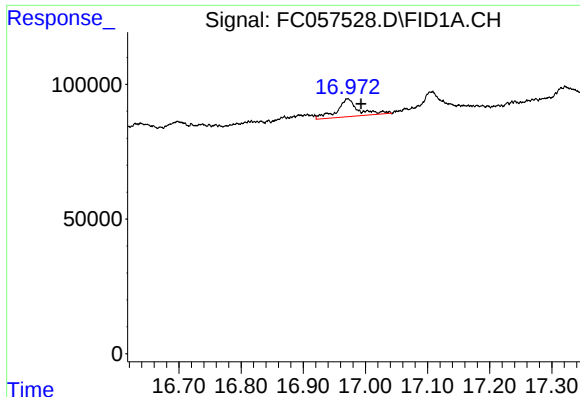
#15 n-Hexacosane (C26)

R.T.: 15.137 min
Delta R.T.: -0.020 min
Response: 84506
Conc: 0.64 ug/ml



#16 n-Octacosane (C28)

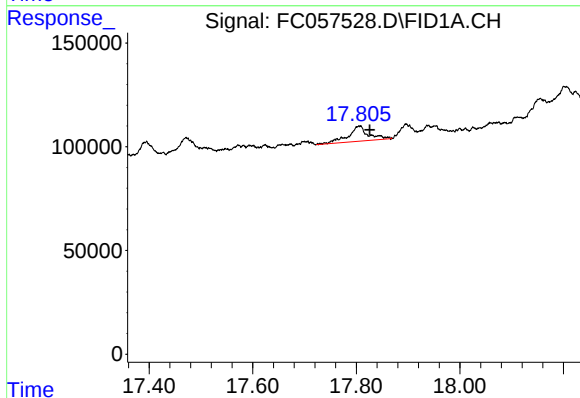
R.T.: 16.091 min
Delta R.T.: -0.016 min
Response: 72435
Conc: 0.55 ug/ml



#17 n-Tricontane (C30)

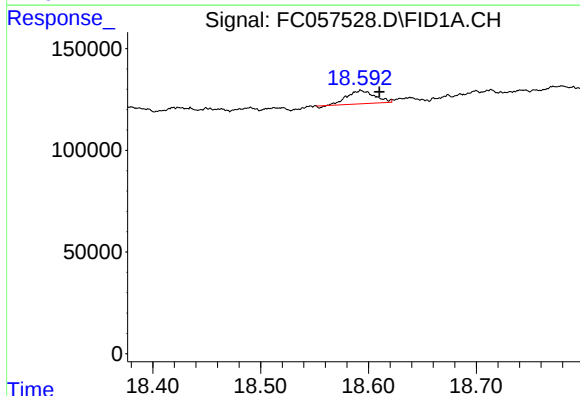
R.T.: 16.972 min
Delta R.T.: -0.021 min
Response: 155868
Conc: 1.14 ug/ml

Instrument :
FID_C
ClientSampleId :



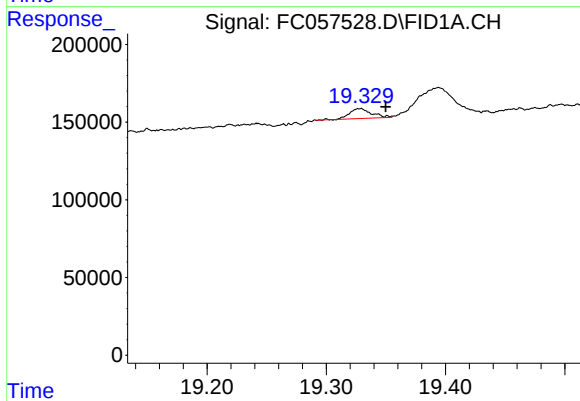
#18 n-Dotriacontane (C32)

R.T.: 17.806 min
Delta R.T.: -0.020 min
Response: 197509
Conc: 1.47 ug/ml



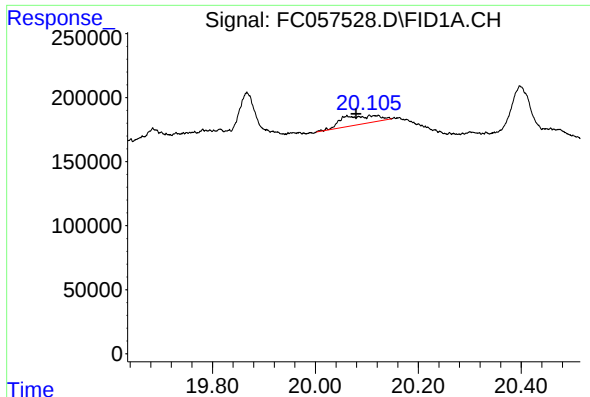
#19 n-Tetratriacontane (C34)

R.T.: 18.593 min
Delta R.T.: -0.017 min
Response: 114001
Conc: 0.87 ug/ml



#20 n-Hexatriacontane (C36)

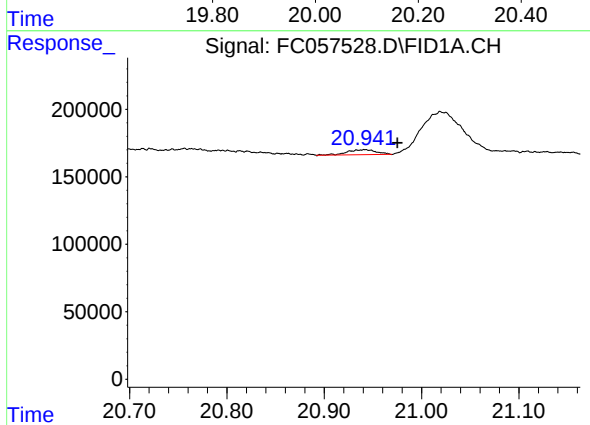
R.T.: 19.328 min
Delta R.T.: -0.022 min
Response: 82438
Conc: 0.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.061 min
Delta R.T.: -0.018 min
Response: 338170
Conc: 3.08 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.942 min
Delta R.T.: -0.033 min
Response: 74991
Conc: 0.75 ug/ml