

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057529.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 15:00
 Operator : AJ\MA
 Sample : M5073-02DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 16 15:29:19 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)	10.820	1262557	9.073 ug/ml
Spiked Amount 50.000		Recovery =	18.15%
12) S 1-chlorooctadecane (S...	12.306	2054536	18.553 ug/ml
Spiked Amount 50.000		Recovery =	37.11%
Target Compounds			
4) T n-Dodecane (C12)	5.678	57961	0.469 ug/ml
6) T n-Tetradecane (C14)	7.468	76673	0.619 ug/ml
7) T n-Hexadecane (C16)	9.066	82461	0.658 ug/ml
8) T n-Octadecane (C18)	10.506	65987	0.510 ug/ml
10) T n-Eicosane (C20)	11.859	93566	0.720 ug/ml
11) T n-Heneicosane (C21)	12.428	80024	0.610 ug/ml
13) T n-Docosane (C22)	13.014	48887	0.372 ug/ml
14) T n-Tetracosane (C24)	14.068f	37744	0.284 ug/ml
15) T n-Hexacosane (C26)	15.136	60424	0.461 ug/ml
16) T n-Octacosane (C28)	16.089	100302	0.763 ug/ml
17) T n-Tricontane (C30)	17.007	24136	0.177 ug/ml
18) T n-Dotriacontane (C32)	17.806	290649	2.168 ug/ml
19) T n-Tetratriacontane (C34)	18.592	266151	2.041 ug/ml
20) T n-Hexatriacontane (C36)	19.330	181794	1.531 ug/ml
21) T n-Octatriacontane (C38)	20.058	289240	2.634 ug/ml
22) T n-Tetracontane (C40)	21.021	622200	6.232 ug/ml

(f)=RT Delta > 1/2 Window

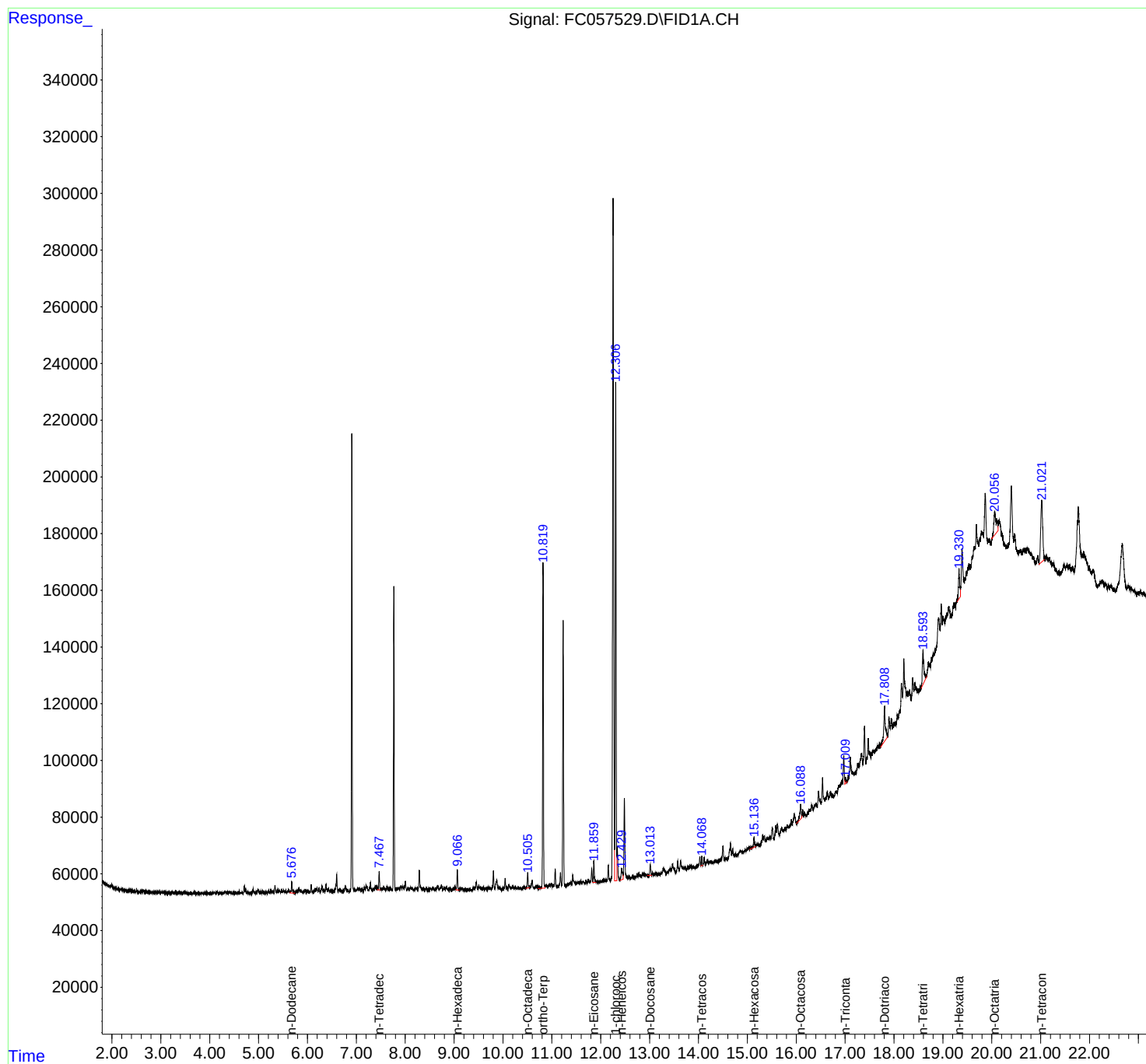
(m)=manual int.

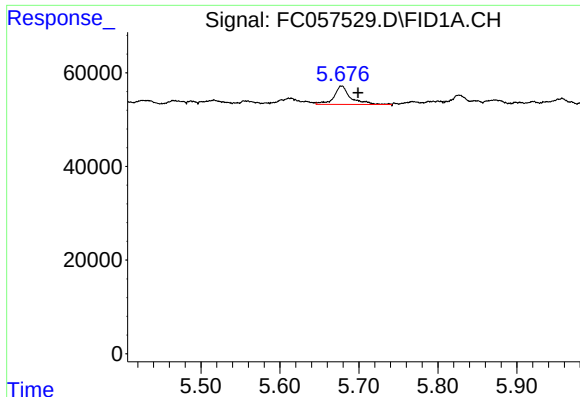
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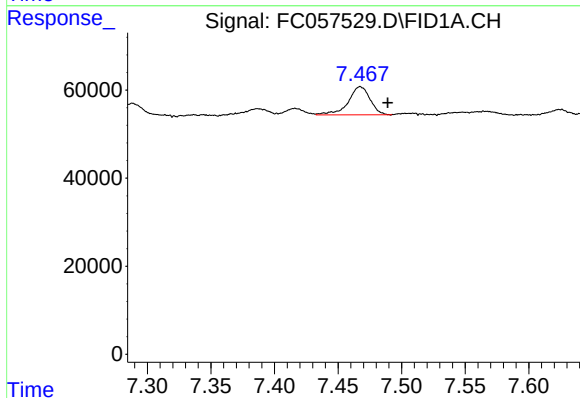




#4 n-Dodecane (C12)

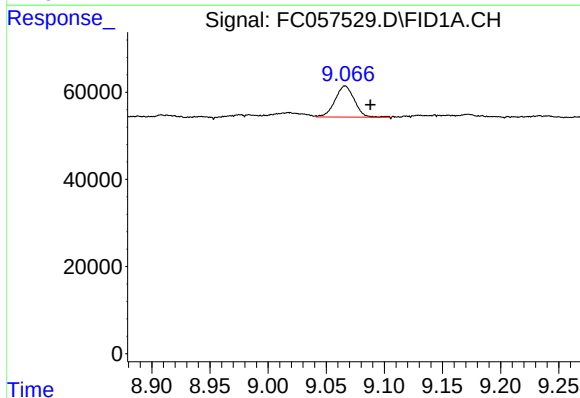
R.T.: 5.678 min
Delta R.T.: -0.021 min
Response: 57961
Conc: 0.47 ug/ml

Instrument :
FID_C
ClientSampleId :



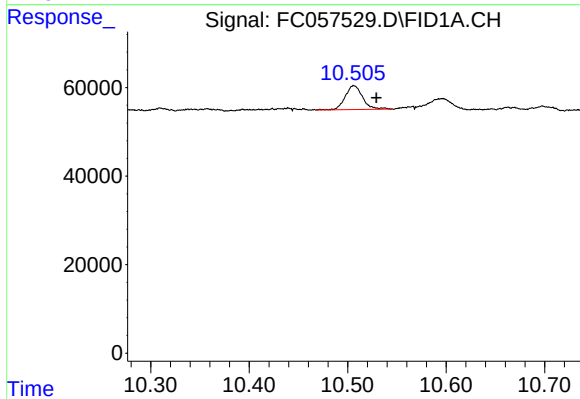
#6 n-Tetradecane (C14)

R.T.: 7.468 min
Delta R.T.: -0.021 min
Response: 76673
Conc: 0.62 ug/ml



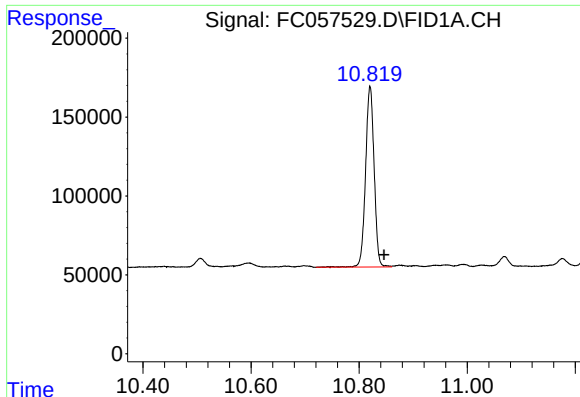
#7 n-Hexadecane (C16)

R.T.: 9.066 min
Delta R.T.: -0.022 min
Response: 82461
Conc: 0.66 ug/ml



#8 n-Octadecane (C18)

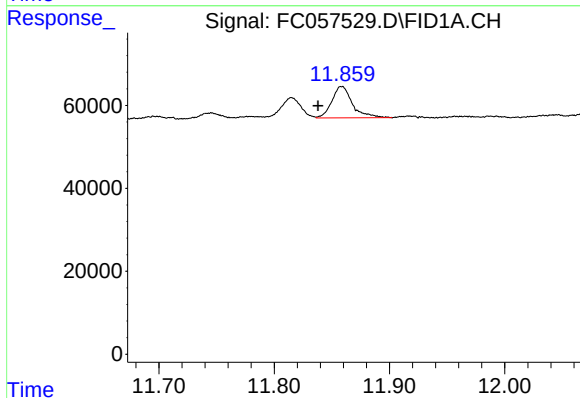
R.T.: 10.506 min
Delta R.T.: -0.023 min
Response: 65987
Conc: 0.51 ug/ml



#9 ortho-Terphenyl (SURR)

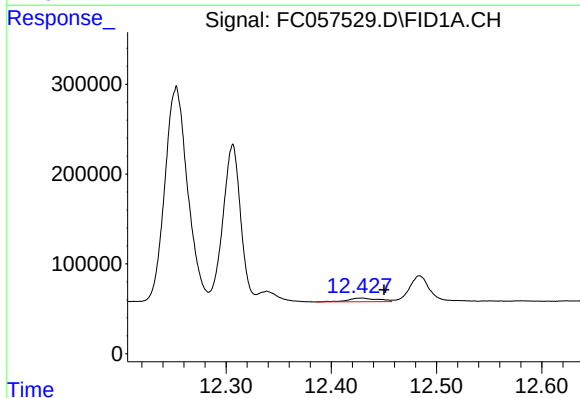
R.T.: 10.820 min
Delta R.T.: -0.026 min
Response: 1262557
Conc: 9.07 ug/ml

Instrument :
FID_C
ClientSampleId :



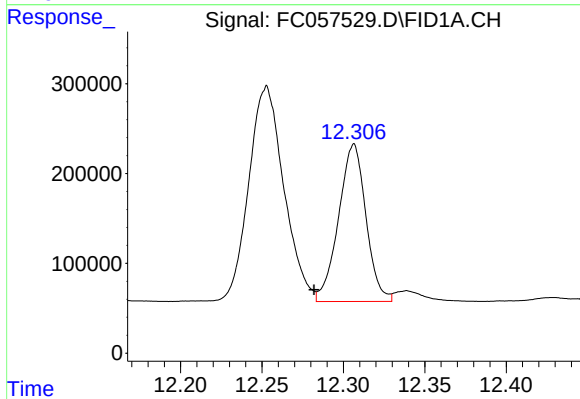
#10 n-Eicosane (C20)

R.T.: 11.859 min
Delta R.T.: 0.021 min
Response: 93566
Conc: 0.72 ug/ml



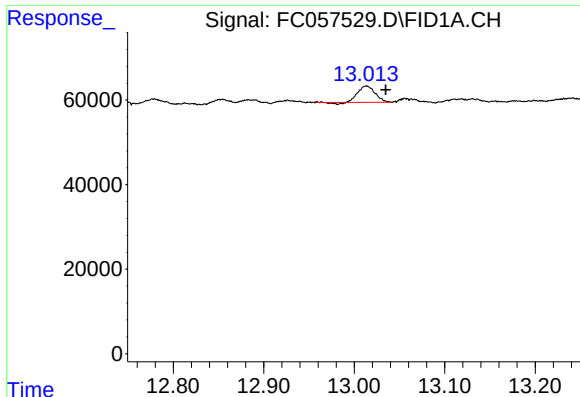
#11 n-Heneicosane (C21)

R.T.: 12.428 min
Delta R.T.: -0.022 min
Response: 80024
Conc: 0.61 ug/ml



#12 1-chlorooctadecane (SURR)

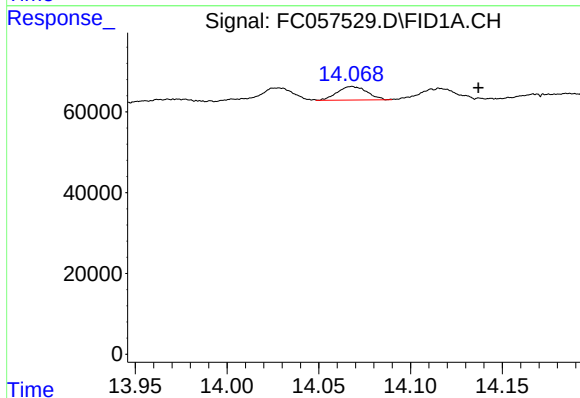
R.T.: 12.306 min
Delta R.T.: 0.024 min
Response: 2054536
Conc: 18.55 ug/ml



#13 n-Docosane (C22)

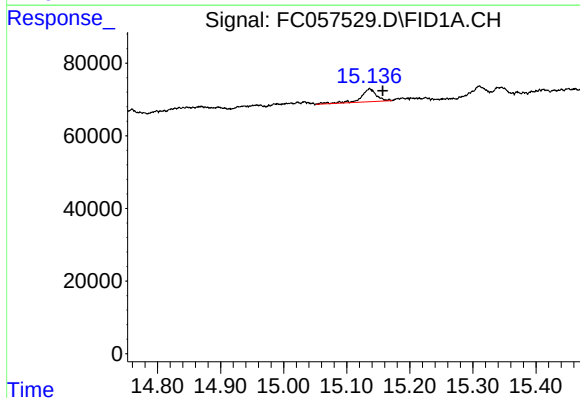
R.T.: 13.014 min
Delta R.T.: -0.021 min
Response: 48887
Conc: 0.37 ug/ml

Instrument :
FID_C
ClientSampleId :



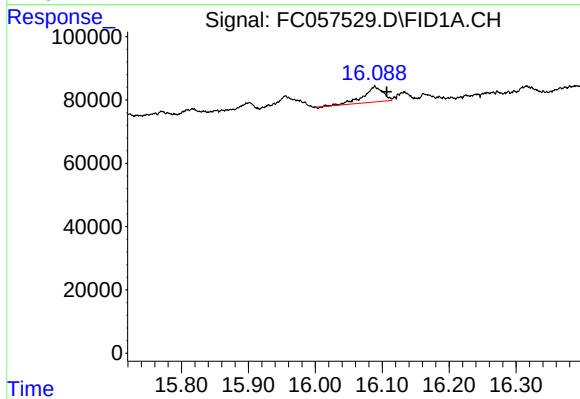
#14 n-Tetracosane (C24)

R.T.: 14.068 min
Delta R.T.: -0.069 min
Response: 37744
Conc: 0.28 ug/ml



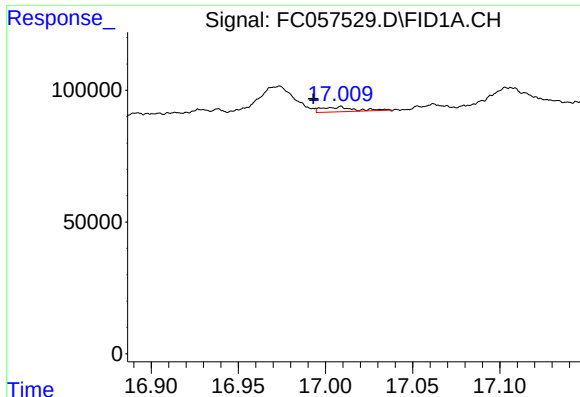
#15 n-Hexacosane (C26)

R.T.: 15.136 min
Delta R.T.: -0.021 min
Response: 60424
Conc: 0.46 ug/ml



#16 n-Octacosane (C28)

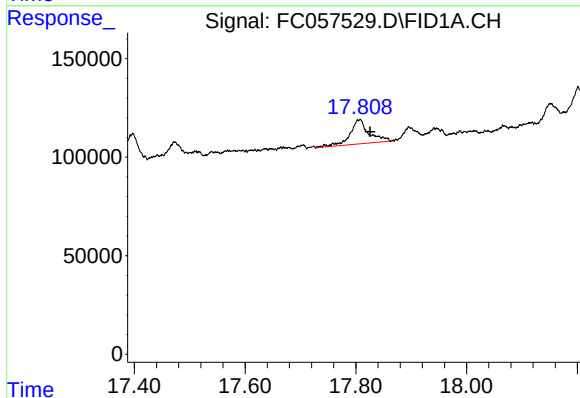
R.T.: 16.089 min
Delta R.T.: -0.018 min
Response: 100302
Conc: 0.76 ug/ml



#17 n-Tricontane (C30)

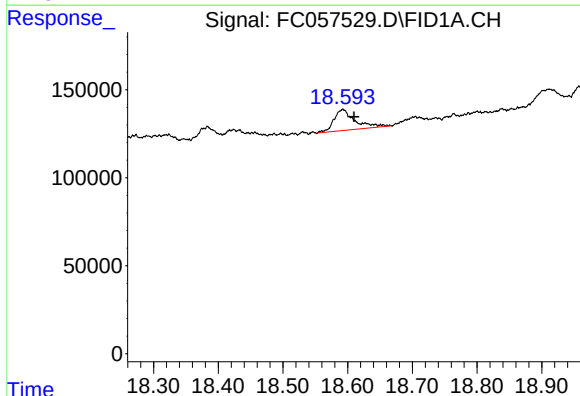
R.T.: 17.007 min
Delta R.T.: 0.014 min
Response: 24136
Conc: 0.18 ug/ml

Instrument :
FID_C
ClientSampleId :



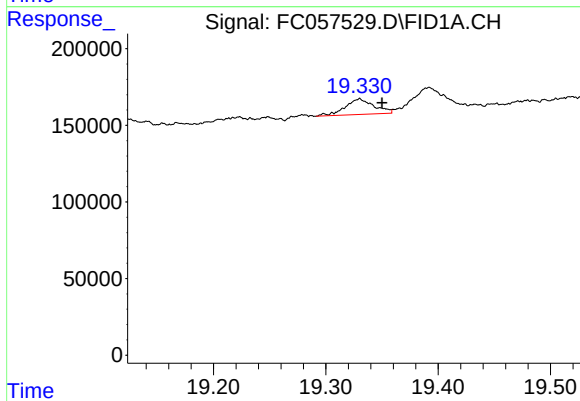
#18 n-Dotriacontane (C32)

R.T.: 17.806 min
Delta R.T.: -0.020 min
Response: 290649
Conc: 2.17 ug/ml



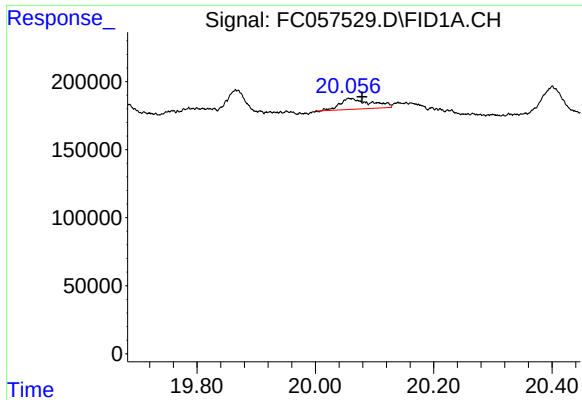
#19 n-Tetratriacontane (C34)

R.T.: 18.592 min
Delta R.T.: -0.018 min
Response: 266151
Conc: 2.04 ug/ml



#20 n-Hexatriacontane (C36)

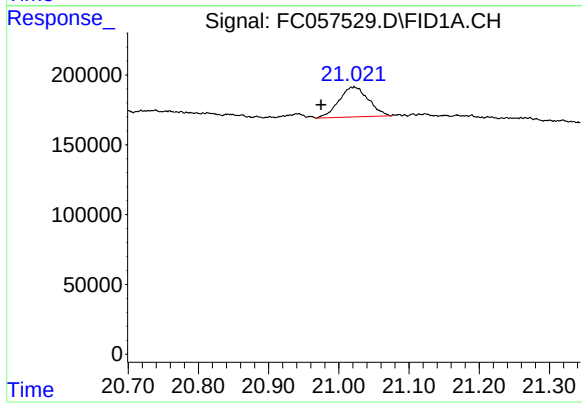
R.T.: 19.330 min
Delta R.T.: -0.020 min
Response: 181794
Conc: 1.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.058 min
Delta R.T.: -0.021 min
Response: 289240
Conc: 2.63 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.021 min
Delta R.T.: 0.046 min
Response: 622200
Conc: 6.23 ug/ml