

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040825AL\
 Data File : FC068510.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 09:30
 Operator : YP/AJ
 Sample : Q1736-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 04:12:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 07 16:09:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.722	1595521	12.373 ug/ml
Spiked Amount 50.000		Recovery =	24.75%
12) S 1-chlorooctadecane (S...	13.156	1366124	14.851 ug/ml
Spiked Amount 50.000		Recovery =	29.70%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.126	44134	0.353 ug/ml
5) T A~2-methylnaphthalene...	7.184	62099	0.519 ug/ml
7) T n-Hexadecane (C16)	9.954	52419	0.458 ug/ml
8) T n-Octadecane (C18)	11.397	107137	0.934 ug/ml
10) T n-Eicosane (C20)	12.707	316480	2.893 ug/ml
11) T n-Heneicosane (C21)	13.322	245557	2.302 ug/ml
13) T n-Docosane (C22)	13.910	225000	2.084 ug/ml
14) T n-Tetracosane (C24)	14.998	1194433	10.715 ug/ml
15) T n-Hexacosane (C26)	16.040	328037	2.949 ug/ml
16) T n-Octacosane (C28)	16.991	628554	5.677 ug/ml
17) T n-Tricontane (C30)	17.878	4133257	37.390 ug/ml
18) T n-Dotriacontane (C32)	18.663	2951963	28.358 ug/ml
19) T n-Tetratriacontane (C34)	19.451	30998	0.345 ug/ml
20) T n-Hexatriacontane (C36)	20.240	650052	8.683 ug/ml
21) T n-Octatriacontane (C38)	20.980	449198	7.185 ug/ml
22) T n-Tetracontane (C40)	21.984	716164	15.329 ug/ml

(f)=RT Delta > 1/2 Window

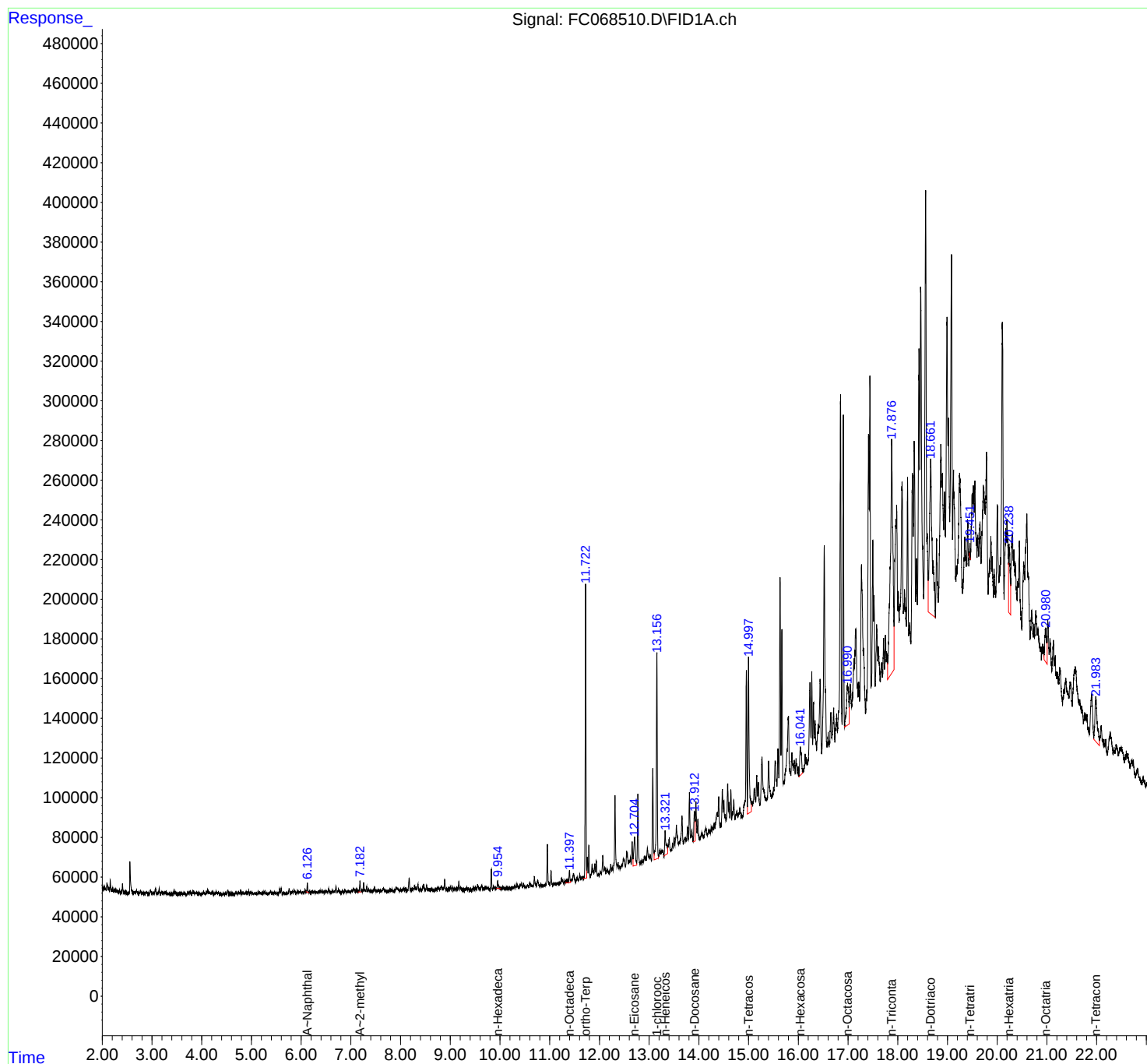
(m)=manual int.

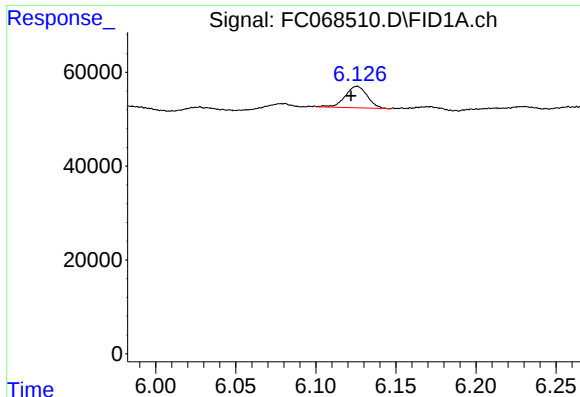
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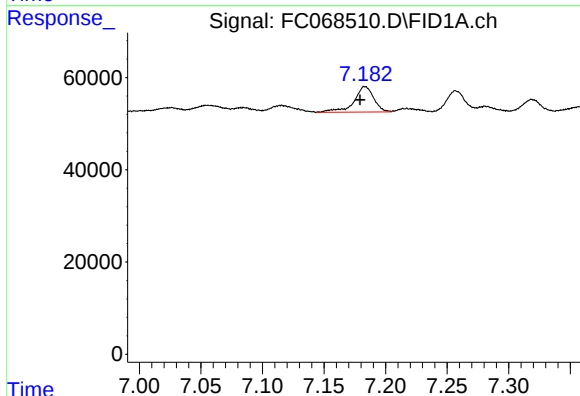




#3 A~Naphthalene (C11.7)

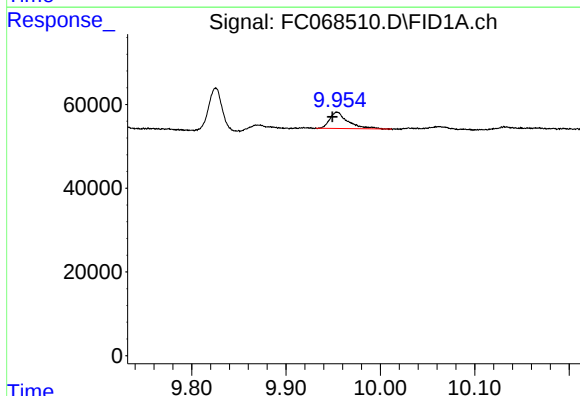
R.T.: 6.126 min
Delta R.T.: 0.004 min
Response: 44134
Conc: 0.35 ug/ml

Instrument :
FID_C
ClientSampleId :



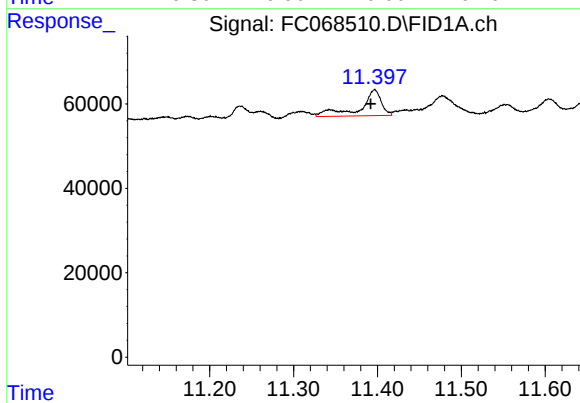
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.184 min
Delta R.T.: 0.004 min
Response: 62099
Conc: 0.52 ug/ml



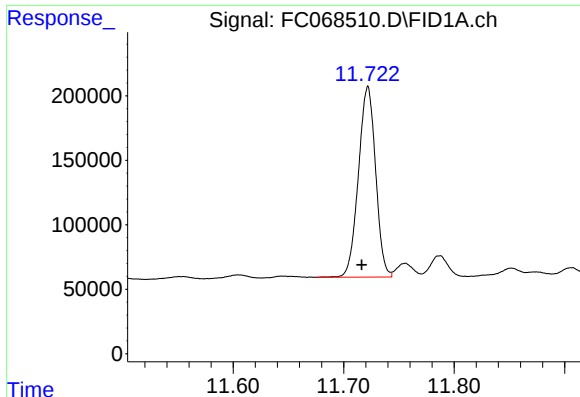
#7 n-Hexadecane (C16)

R.T.: 9.954 min
Delta R.T.: 0.005 min
Response: 52419
Conc: 0.46 ug/ml



#8 n-Octadecane (C18)

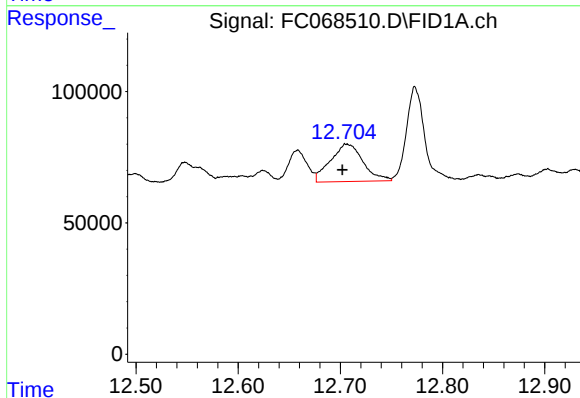
R.T.: 11.397 min
Delta R.T.: 0.005 min
Response: 107137
Conc: 0.93 ug/ml



#9 ortho-Terphenyl (SURR)

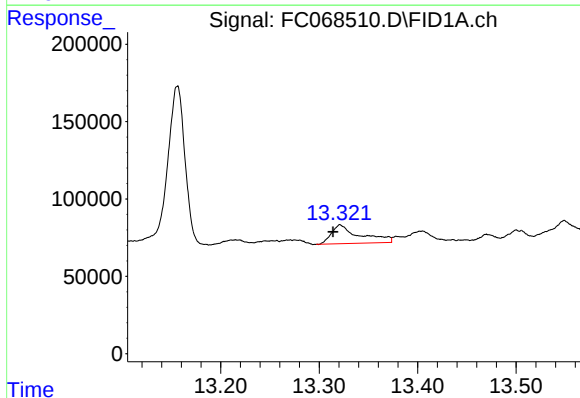
R.T.: 11.722 min
Delta R.T.: 0.005 min
Response: 1595521
Conc: 12.37 ug/ml

Instrument :
FID_C
ClientSampleId :



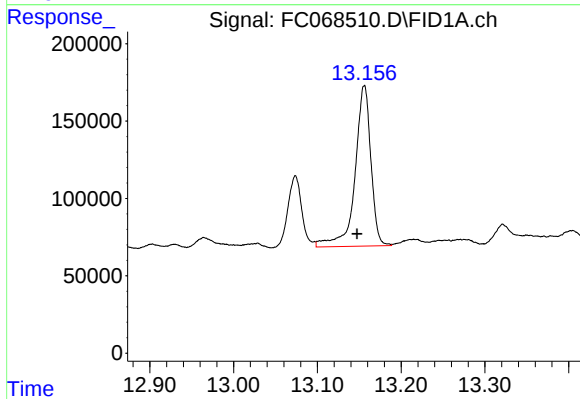
#10 n-Eicosane (C20)

R.T.: 12.707 min
Delta R.T.: 0.005 min
Response: 316480
Conc: 2.89 ug/ml



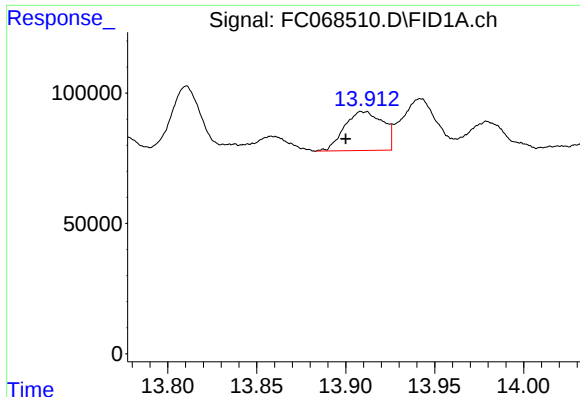
#11 n-Heneicosane (C21)

R.T.: 13.322 min
Delta R.T.: 0.008 min
Response: 245557
Conc: 2.30 ug/ml



#12 1-chlorooctadecane (SURR)

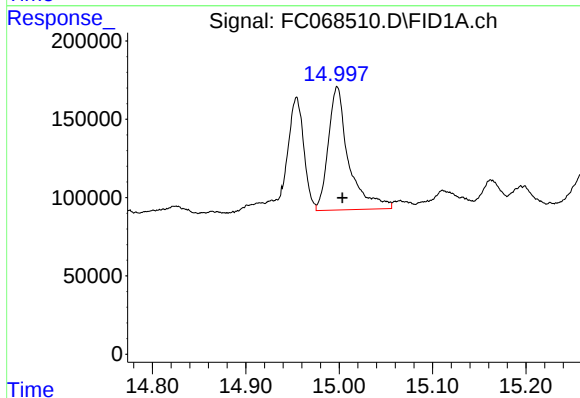
R.T.: 13.156 min
Delta R.T.: 0.009 min
Response: 1366124
Conc: 14.85 ug/ml



#13 n-Docosane (C22)

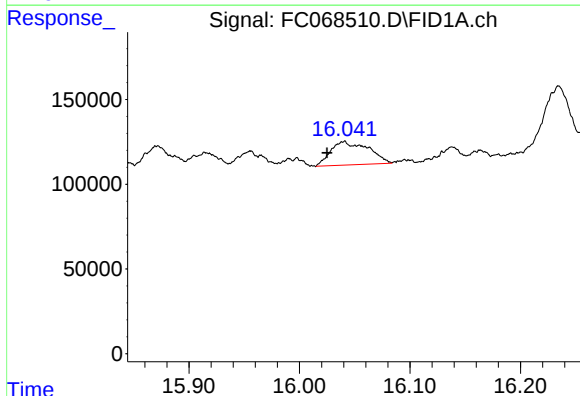
R.T.: 13.910 min
Delta R.T.: 0.010 min
Response: 225000
Conc: 2.08 ug/ml

Instrument :
FID_C
ClientSampleId :



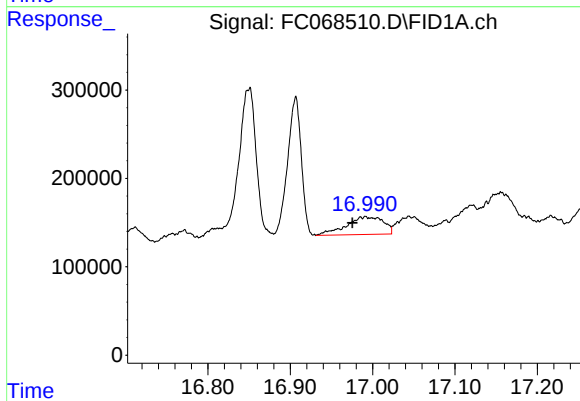
#14 n-Tetracosane (C24)

R.T.: 14.998 min
Delta R.T.: -0.006 min
Response: 1194433
Conc: 10.71 ug/ml



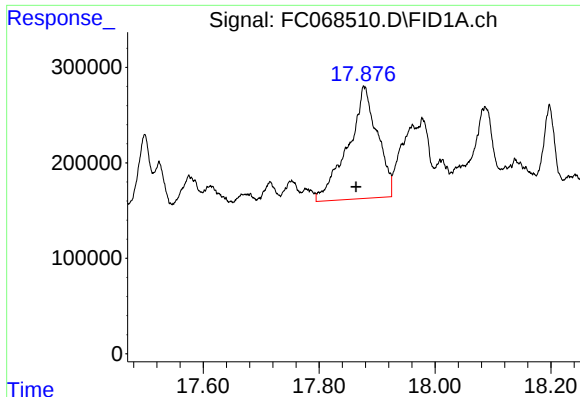
#15 n-Hexacosane (C26)

R.T.: 16.040 min
Delta R.T.: 0.015 min
Response: 328037
Conc: 2.95 ug/ml



#16 n-Octacosane (C28)

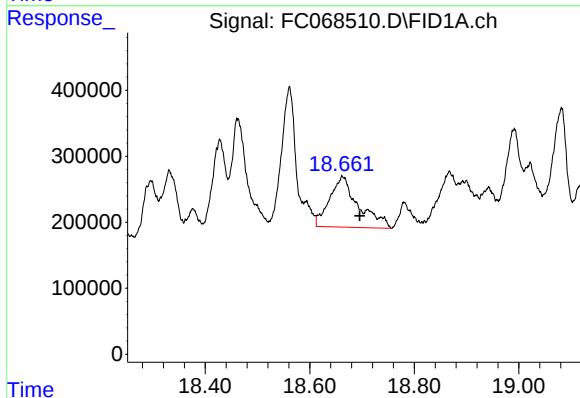
R.T.: 16.991 min
Delta R.T.: 0.015 min
Response: 628554
Conc: 5.68 ug/ml



#17 n-Tricontane (C30)

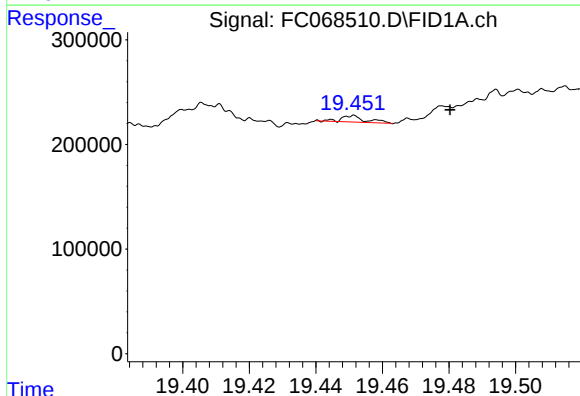
R.T.: 17.878 min
Delta R.T.: 0.015 min
Response: 4133257
Conc: 37.39 ug/ml

Instrument :
FID_C
ClientSampleId :



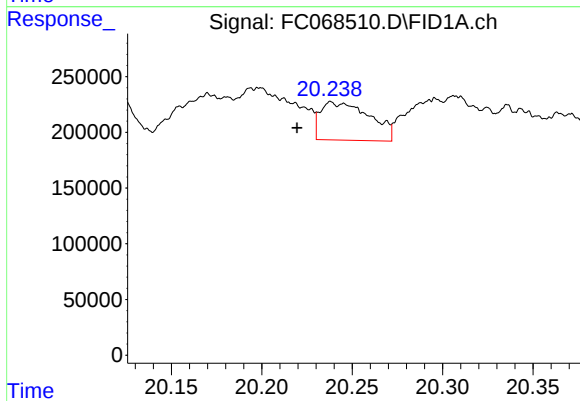
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.033 min
Response: 2951963
Conc: 28.36 ug/ml



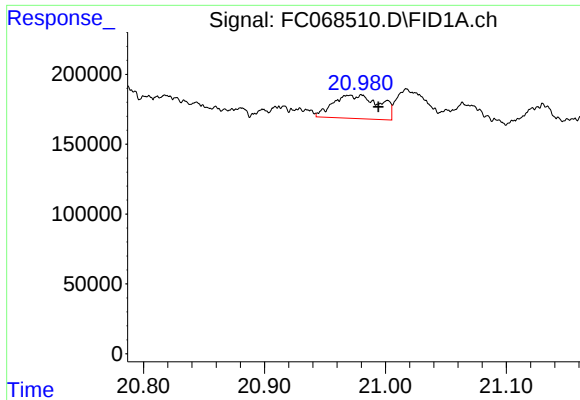
#19 n-Tetratriacontane (C34)

R.T.: 19.451 min
Delta R.T.: -0.030 min
Response: 30998
Conc: 0.35 ug/ml



#20 n-Hexatriacontane (C36)

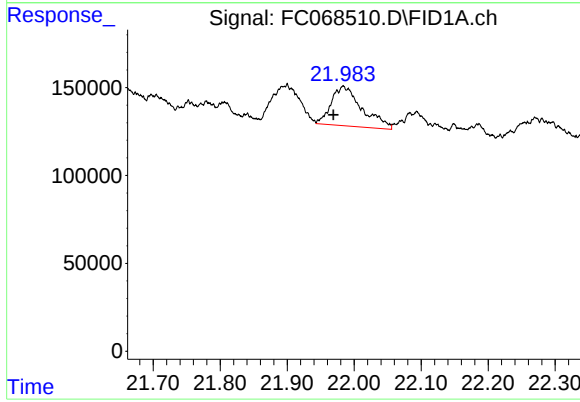
R.T.: 20.240 min
Delta R.T.: 0.021 min
Response: 650052
Conc: 8.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.980 min
Delta R.T.: -0.014 min
Response: 449198
Conc: 7.18 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: 0.015 min
Response: 716164
Conc: 15.33 ug/ml