

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121521AL\
 Data File : FC057511.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 2:22
 Operator : AJ\MA
 Sample : M5011-20MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 16 05:40:48 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			
12) S 1-chlorooctadecane (S...	12.268	3024883	27.315 ug/ml
Spiked Amount 50.000		Recovery =	54.63%
Target Compounds			
2) T n-Decane (C10)	3.699	2410426	19.352 ug/ml
4) T n-Dodecane (C12)	5.687	2972241	24.068 ug/ml
6) T n-Tetradecane (C14)	7.477	4200458	33.922 ug/ml
7) T n-Hexadecane (C16)	9.077	5460569	43.550 ug/ml
8) T n-Octadecane (C18)	10.518	6072612	46.915 ug/ml
10) T n-Eicosane (C20)	11.827	6071108	46.733 ug/ml
11) T n-Heneicosane (C21)	12.438	6035440	45.987 ug/ml
13) T n-Docosane (C22)	13.024	5948963	45.261 ug/ml
14) T n-Tetracosane (C24)	14.125	5809012	43.676 ug/ml
15) T n-Hexacosane (C26)	15.146	5669708	43.238 ug/ml
16) T n-Octacosane (C28)	16.094	5554261	42.236 ug/ml
17) T n-Tricontane (C30)	16.982	5689563	41.630 ug/ml
18) T n-Dotriacontane (C32)	17.814	6317653	47.119 ug/ml
19) T n-Tetratriacontane (C34)	18.598	5592506	42.889 ug/ml
20) T n-Hexatriacontane (C36)	19.397	2373453	19.989 ug/ml
21) T n-Octatriacontane (C38)	20.064	4557612	41.497 ug/ml
22) T n-Tetracontane (C40)	21.034	4246121	42.528 ug/ml

(f)=RT Delta > 1/2 Window

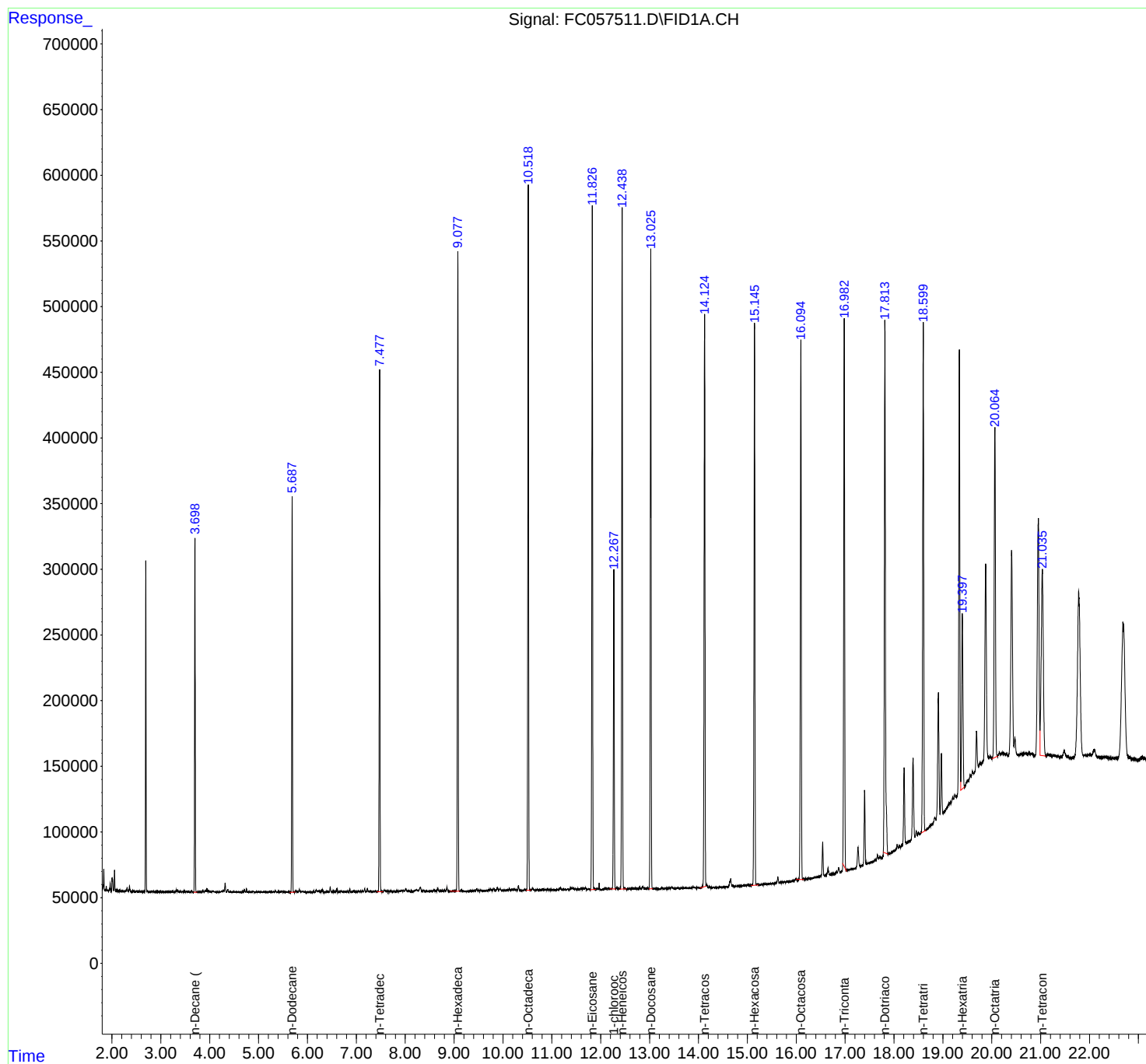
(m)=manual int.

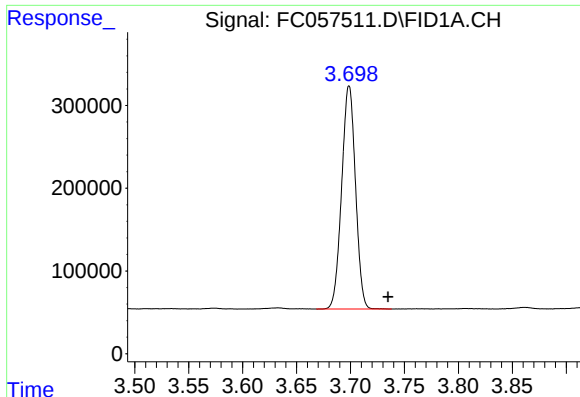
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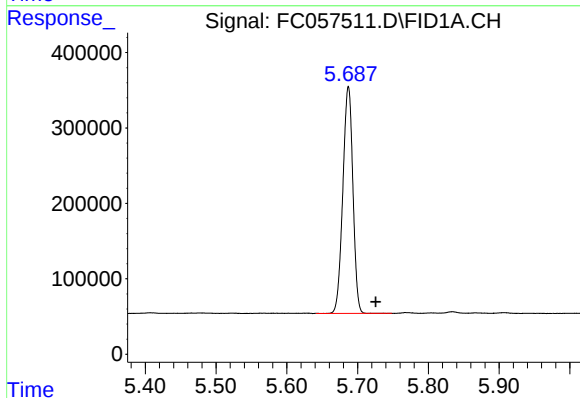




#2 n-Decane (C10)

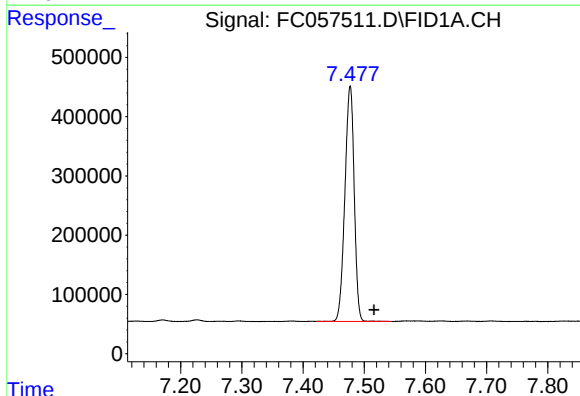
R.T.: 3.699 min
Delta R.T.: -0.036 min
Response: 2410426
Conc: 19.35 ug/ml

Instrument :
FID_C
ClientSampleId :



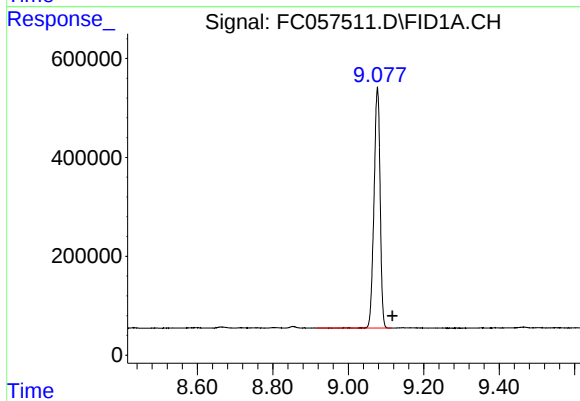
#4 n-Dodecane (C12)

R.T.: 5.687 min
Delta R.T.: -0.039 min
Response: 2972241
Conc: 24.07 ug/ml



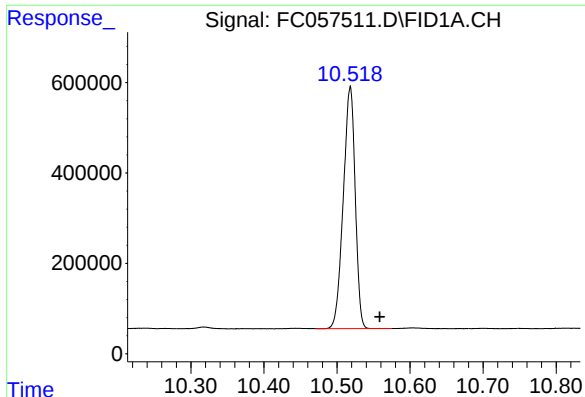
#6 n-Tetradecane (C14)

R.T.: 7.477 min
Delta R.T.: -0.039 min
Response: 4200458
Conc: 33.92 ug/ml



#7 n-Hexadecane (C16)

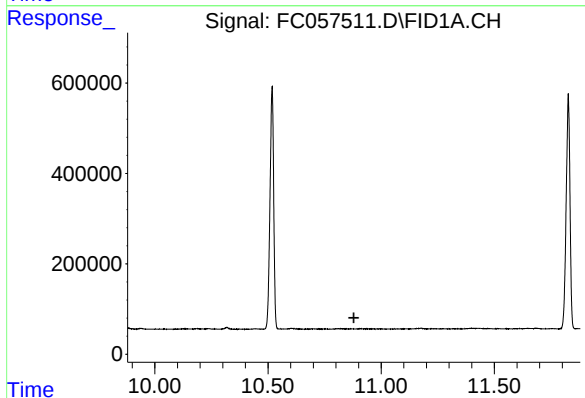
R.T.: 9.077 min
Delta R.T.: -0.039 min
Response: 5460569
Conc: 43.55 ug/ml



#8 n-Octadecane (C18)

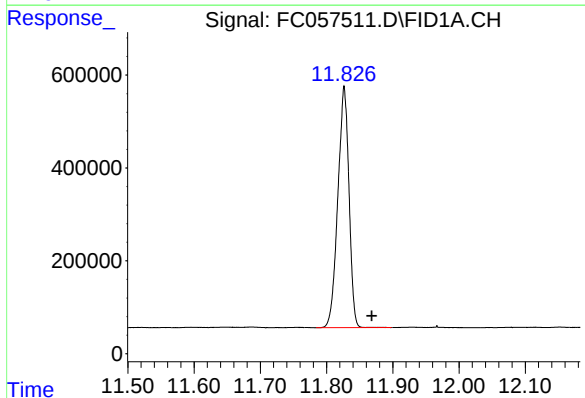
R.T.: 10.518 min
Delta R.T.: -0.041 min
Response: 6072612
Conc: 46.91 ug/ml

Instrument :
FID_C
ClientSampleId :



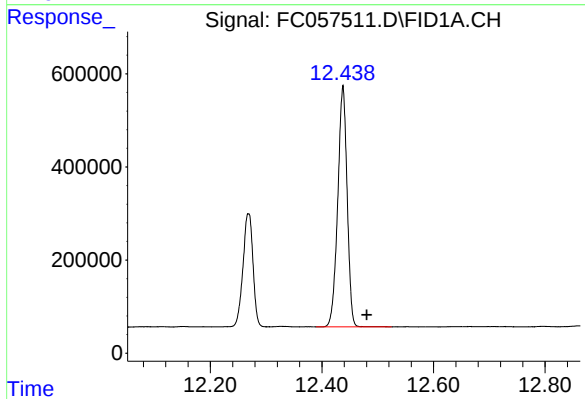
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.880 min
Response: 0
Conc: N.D.



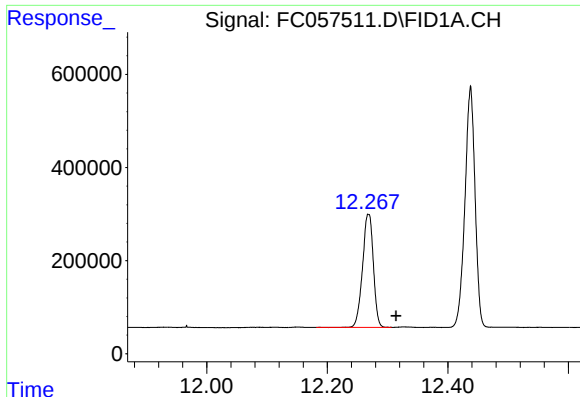
#10 n-Eicosane (C20)

R.T.: 11.827 min
Delta R.T.: -0.042 min
Response: 6071108
Conc: 46.73 ug/ml



#11 n-Heneicosane (C21)

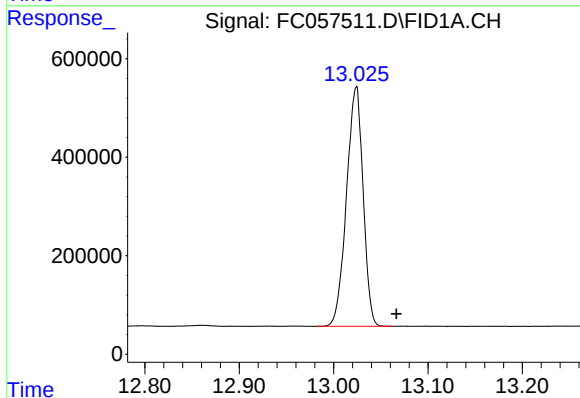
R.T.: 12.438 min
Delta R.T.: -0.043 min
Response: 6035440
Conc: 45.99 ug/ml



#12 1-chlorooctadecane (SURR)

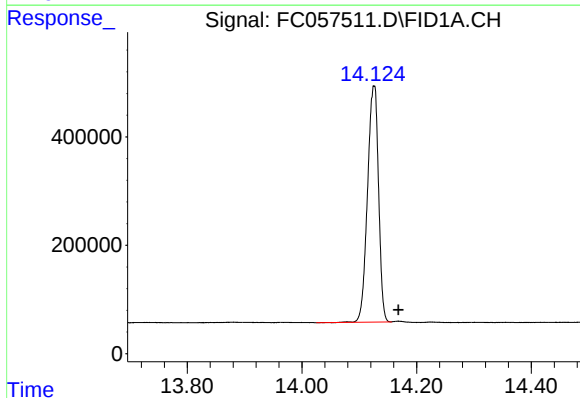
R.T.: 12.268 min
Delta R.T.: -0.046 min
Response: 3024883
Conc: 27.32 ug/ml

Instrument :
FID_C
ClientSampleId :



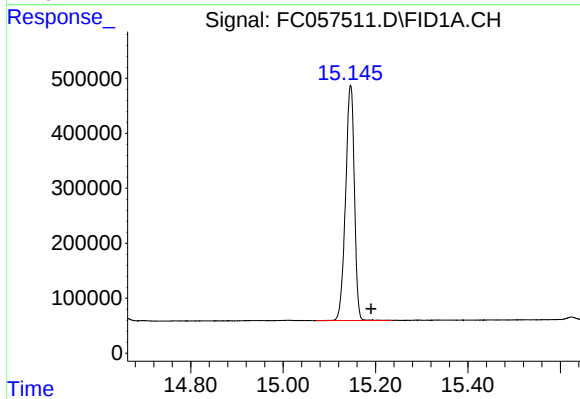
#13 n-Docosane (C22)

R.T.: 13.024 min
Delta R.T.: -0.043 min
Response: 5948963
Conc: 45.26 ug/ml



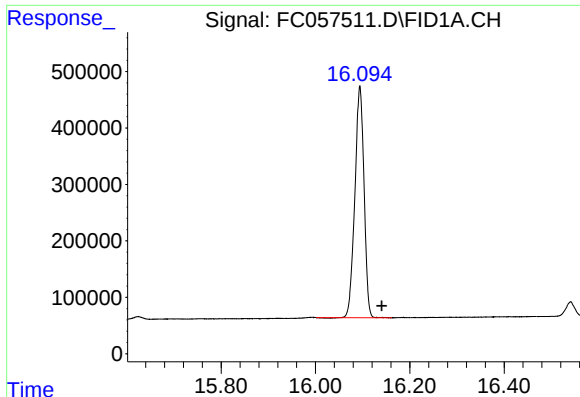
#14 n-Tetracosane (C24)

R.T.: 14.125 min
Delta R.T.: -0.043 min
Response: 5809012
Conc: 43.68 ug/ml



#15 n-Hexacosane (C26)

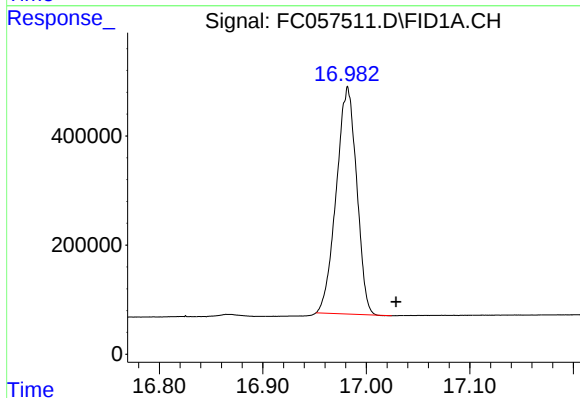
R.T.: 15.146 min
Delta R.T.: -0.044 min
Response: 5669708
Conc: 43.24 ug/ml



#16 n-Octacosane (C28)

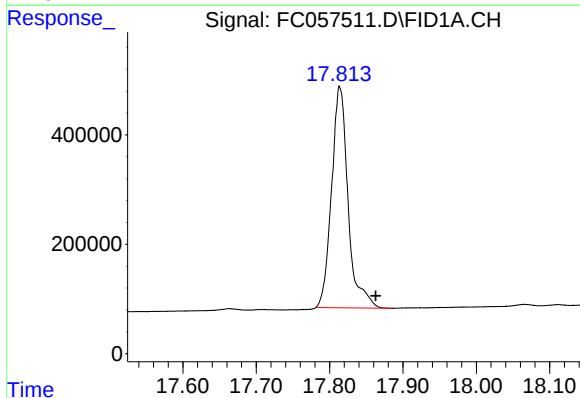
R.T.: 16.094 min
Delta R.T.: -0.046 min
Response: 5554261
Conc: 42.24 ug/ml

Instrument :
FID_C
ClientSampleId :



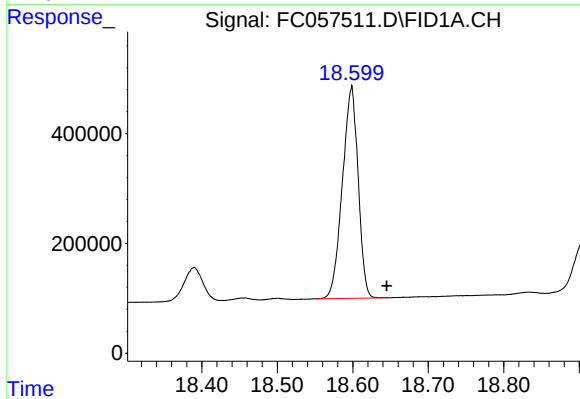
#17 n-Tricontane (C30)

R.T.: 16.982 min
Delta R.T.: -0.047 min
Response: 5689563
Conc: 41.63 ug/ml



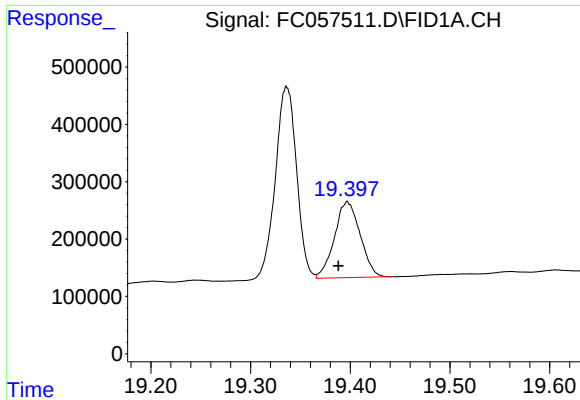
#18 n-Dotriacontane (C32)

R.T.: 17.814 min
Delta R.T.: -0.049 min
Response: 6317653
Conc: 47.12 ug/ml



#19 n-Tetratriacontane (C34)

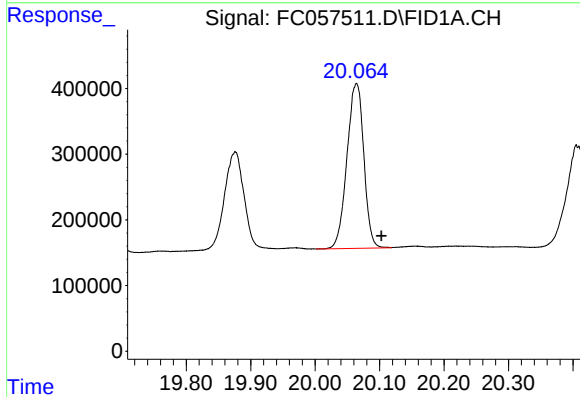
R.T.: 18.598 min
Delta R.T.: -0.047 min
Response: 5592506
Conc: 42.89 ug/ml



#20 n-Hexatriacontane (C36)

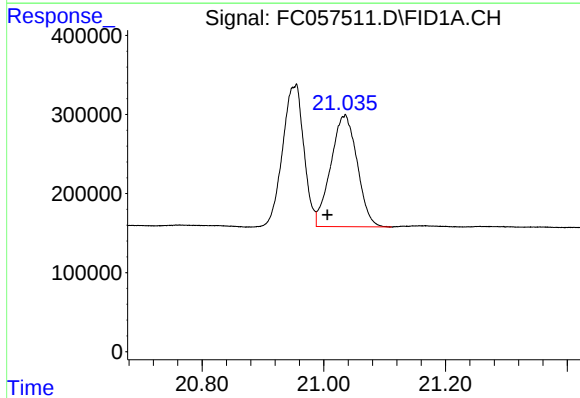
R.T.: 19.397 min
Delta R.T.: 0.009 min
Response: 2373453
Conc: 19.99 ug/ml

Instrument :
FID_C
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 20.064 min
Delta R.T.: -0.039 min
Response: 4557612
Conc: 41.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.034 min
Delta R.T.: 0.028 min
Response: 4246121
Conc: 42.53 ug/ml