

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041122AL\
 Data File : FC059174.D
 Signal(s) : FID1A.CH
 Acq On : 11 Apr 2022 20:13
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 12 02:15:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 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)	11.102	2887554	20.041 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
12) S 1-chlorooctadecane (S...	12.550	2267584	20.229 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
Target Compounds			
1) T n-Nonane (C9)	2.965	2637545	21.523 ug/ml
2) T n-Decane (C10)	4.006	2640467	21.547 ug/ml
3) T A~Naphthalene (C11.7)	5.554	2714811	21.623 ug/ml
4) T n-Dodecane (C12)	6.003	2734480	21.409 ug/ml
5) T A~2-methylnaphthalene...	6.602	2735806	21.340 ug/ml
6) T n-Tetradecane (C14)	7.785	2732492	21.016 ug/ml
7) T n-Hexadecane (C16)	9.377	2750118	20.710 ug/ml
8) T n-Octadecane (C18)	10.810	2709972	20.383 ug/ml
10) T n-Eicosane (C20)	12.112	2621554	20.008 ug/ml
11) T n-Heneicosane (C21)	12.721	2595387	19.891 ug/ml
13) T n-Docosane (C22)	13.304	2574842	19.876 ug/ml
14) T n-Tetracosane (C24)	14.402	2505273	19.832 ug/ml
15) T n-Hexacosane (C26)	15.417	2428163	20.102 ug/ml
16) T n-Octacosane (C28)	16.364	2392720	20.207 ug/ml
17) T n-Tricontane (C30)	17.247	2380172	20.865 ug/ml
18) T n-Dotriacontane (C32)	18.077	2436177	22.740 ug/ml
19) T n-Tetratriacontane (C34)	18.857	2254050	22.309 ug/ml
20) T n-Hexatriacontane (C36)	19.594	2009215	21.028 ug/ml
21) T n-Octatriacontane (C38)	20.292	1911177	20.769 ug/ml
22) T n-Tetracontane (C40)	21.035	2117290	22.782 ug/ml

(f)=RT Delta > 1/2 Window

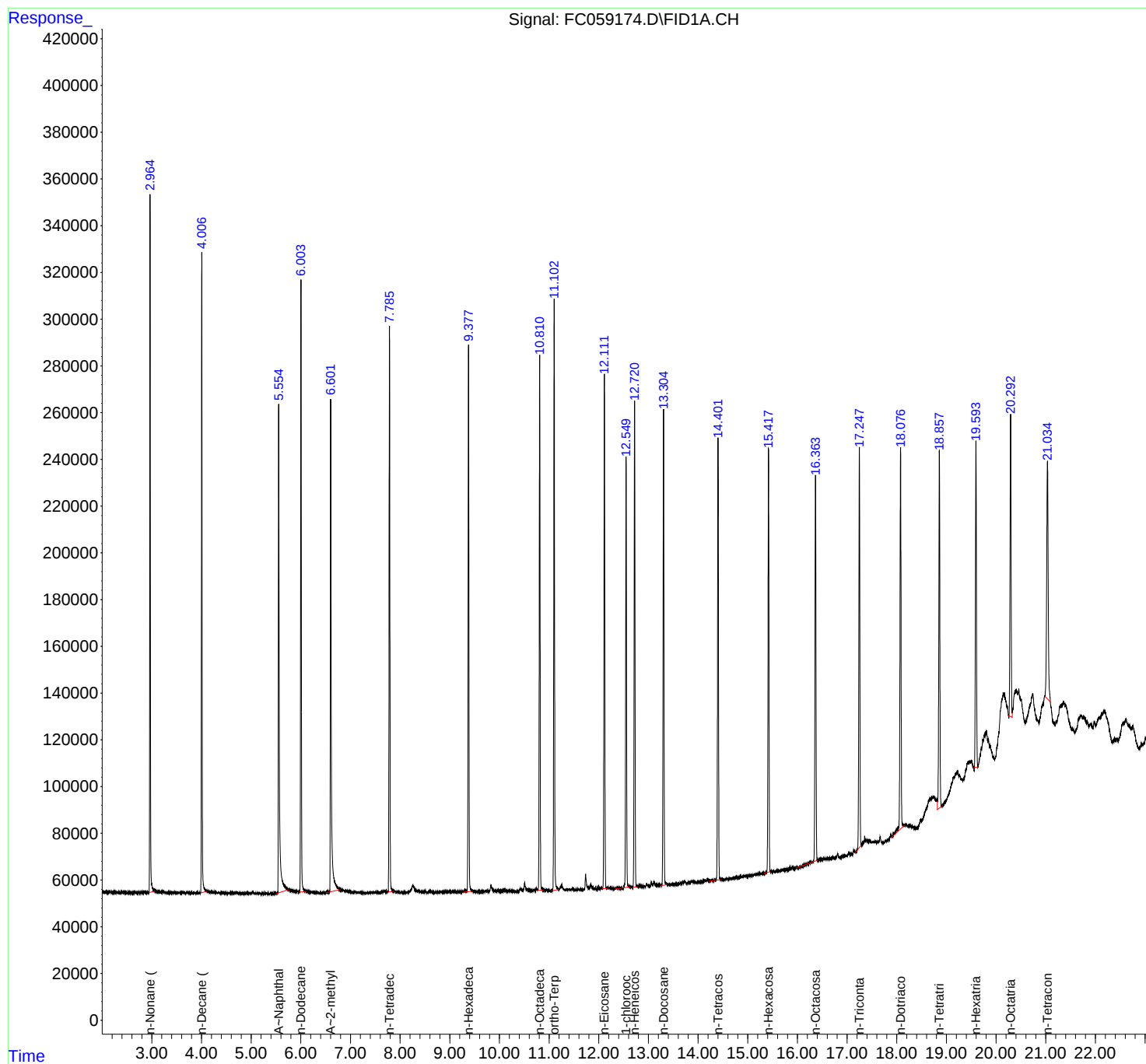
(m)=manual int.

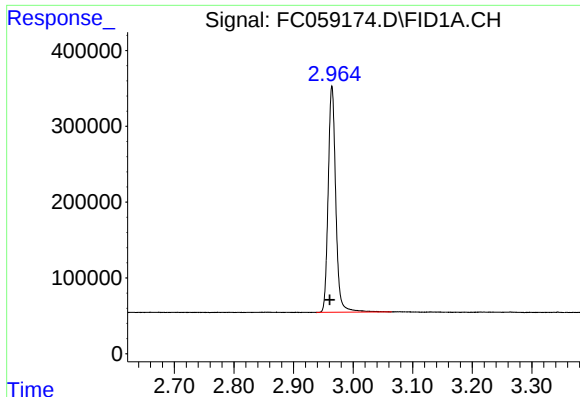
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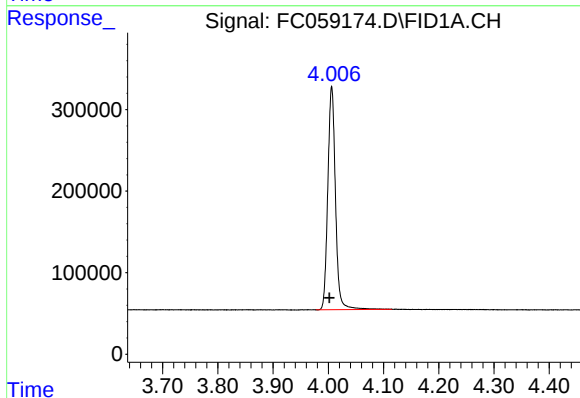




#1 n-Nonane (C9)

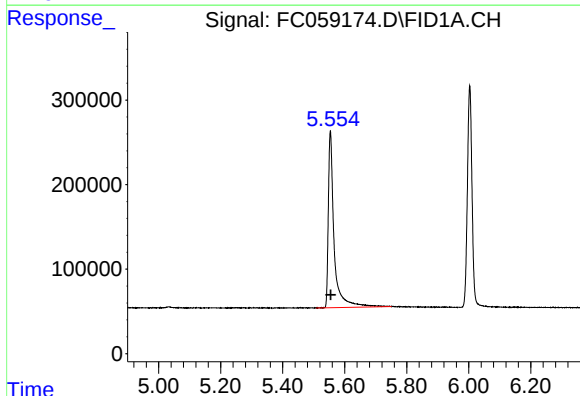
R.T.: 2.965 min
Delta R.T.: 0.004 min
Response: 2637545
Conc: 21.52 ug/ml

Instrument :
FID_C
ClientSampleId :



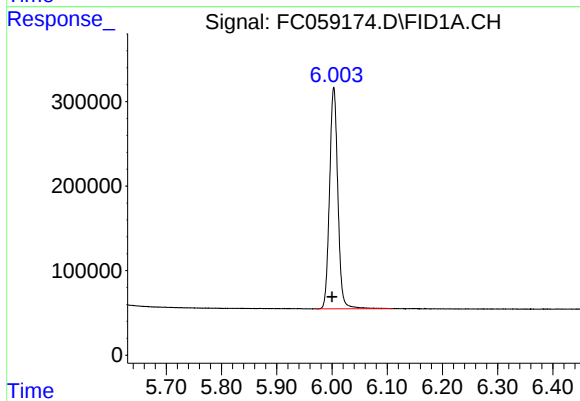
#2 n-Decane (C10)

R.T.: 4.006 min
Delta R.T.: 0.004 min
Response: 2640467
Conc: 21.55 ug/ml



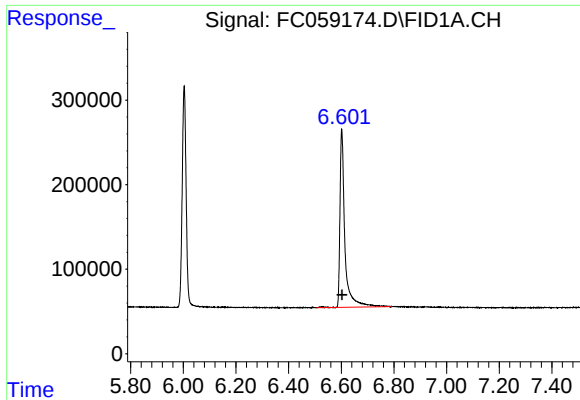
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 2714811
Conc: 21.62 ug/ml



#4 n-Dodecane (C12)

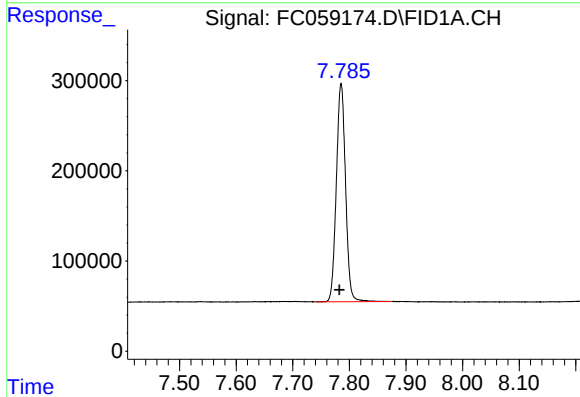
R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 2734480
Conc: 21.41 ug/ml



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

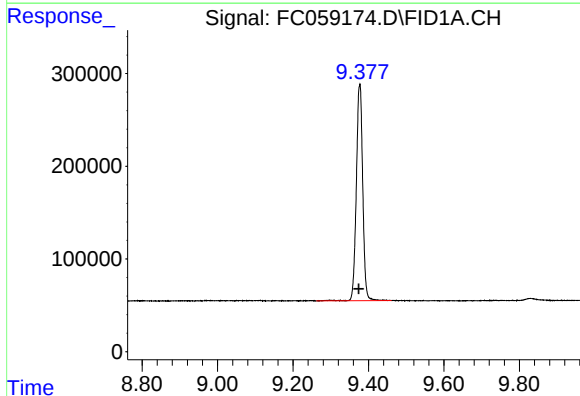
R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 2735806
Conc: 21.34 ug/ml

Instrument :
FID_C
ClientSampleId :



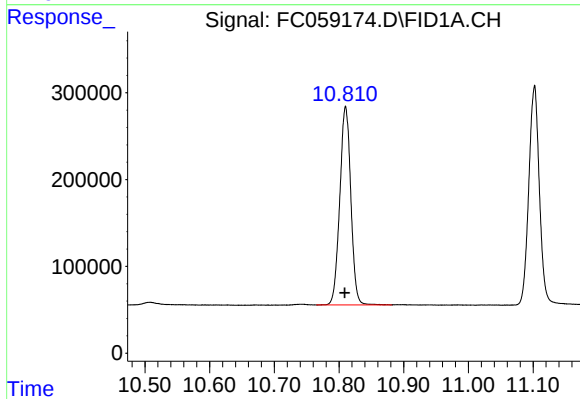
#6 n-Tetradecane (C14)

R.T.: 7.785 min
Delta R.T.: 0.003 min
Response: 2732492
Conc: 21.02 ug/ml



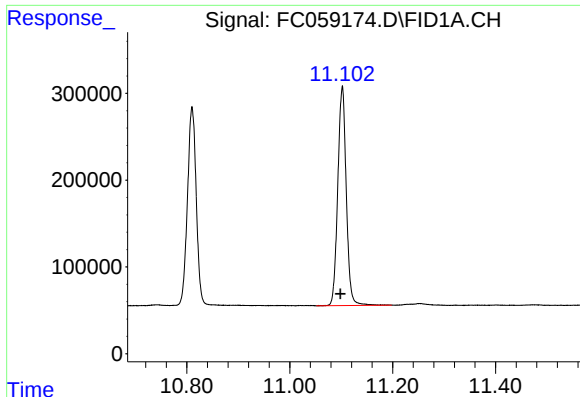
#7 n-Hexadecane (C16)

R.T.: 9.377 min
Delta R.T.: 0.002 min
Response: 2750118
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

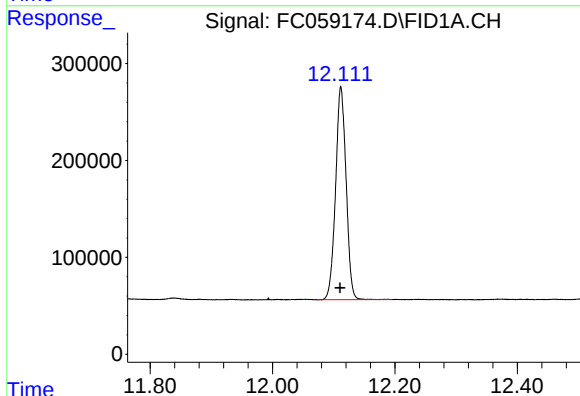
R.T.: 10.810 min
Delta R.T.: 0.002 min
Response: 2709972
Conc: 20.38 ug/ml



#9 ortho-Terphenyl (SURR)

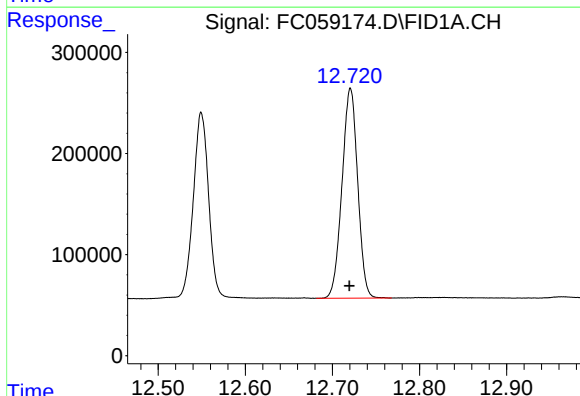
R.T.: 11.102 min
Delta R.T.: 0.003 min
Response: 2887554
Conc: 20.04 ug/ml

Instrument :
FID_C
ClientSampleId :



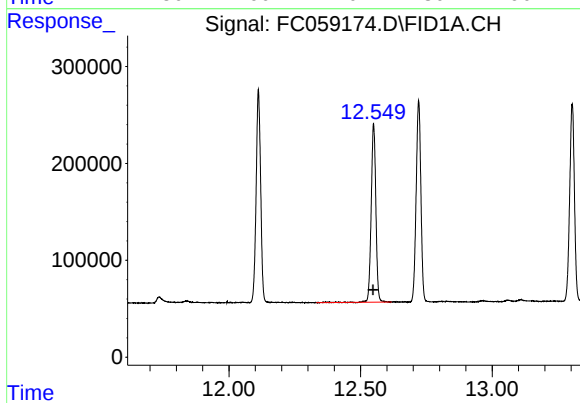
#10 n-Eicosane (C20)

R.T.: 12.112 min
Delta R.T.: 0.001 min
Response: 2621554
Conc: 20.01 ug/ml



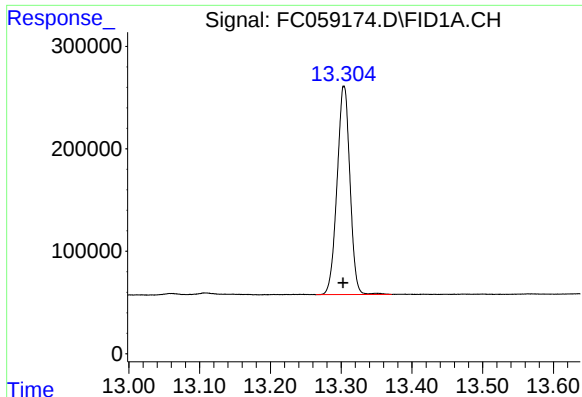
#11 n-Heneicosane (C21)

R.T.: 12.721 min
Delta R.T.: 0.001 min
Response: 2595387
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

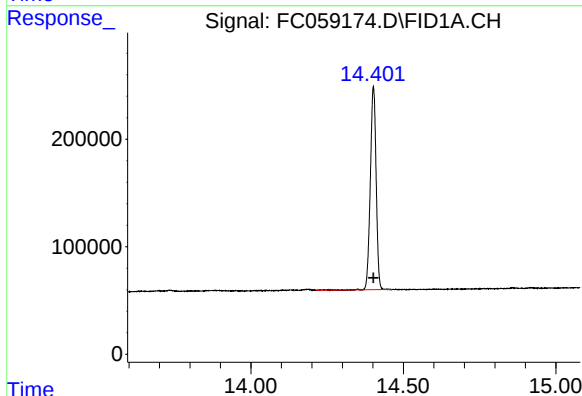
R.T.: 12.550 min
Delta R.T.: 0.001 min
Response: 2267584
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

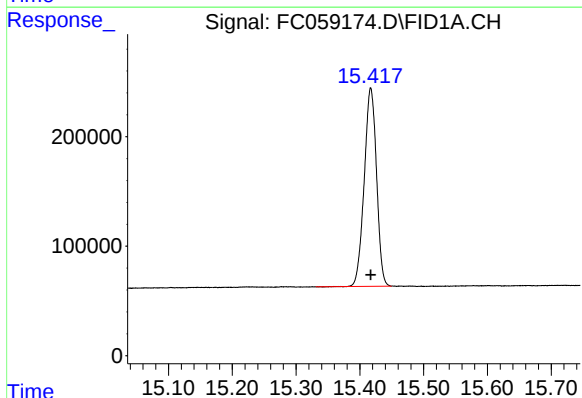
R.T.: 13.304 min
Delta R.T.: 0.001 min
Response: 2574842
Conc: 19.88 ug/ml

Instrument :
FID_C
ClientSampleId :



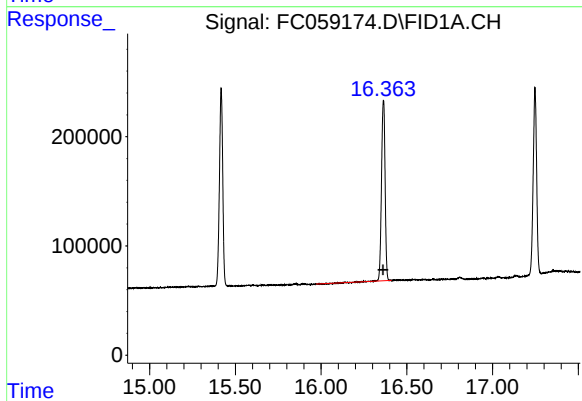
#14 n-Tetracosane (C24)

R.T.: 14.402 min
Delta R.T.: 0.000 min
Response: 2505273
Conc: 19.83 ug/ml



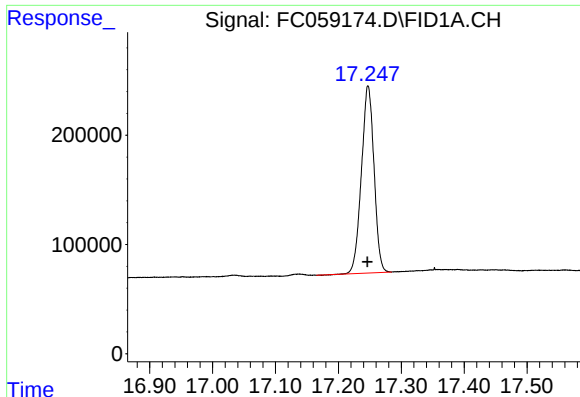
#15 n-Hexacosane (C26)

R.T.: 15.417 min
Delta R.T.: 0.000 min
Response: 2428163
Conc: 20.10 ug/ml



#16 n-Octacosane (C28)

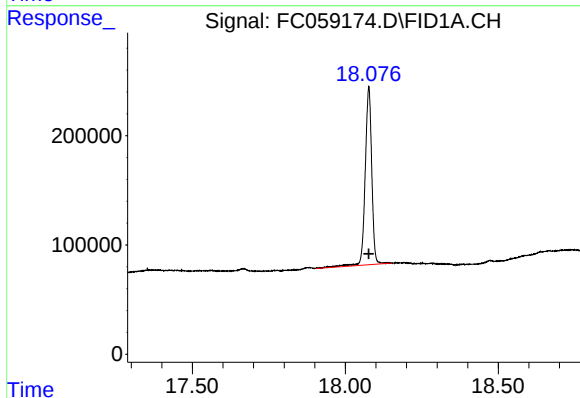
R.T.: 16.364 min
Delta R.T.: 0.001 min
Response: 2392720
Conc: 20.21 ug/ml



#17 n-Tricontane (C30)

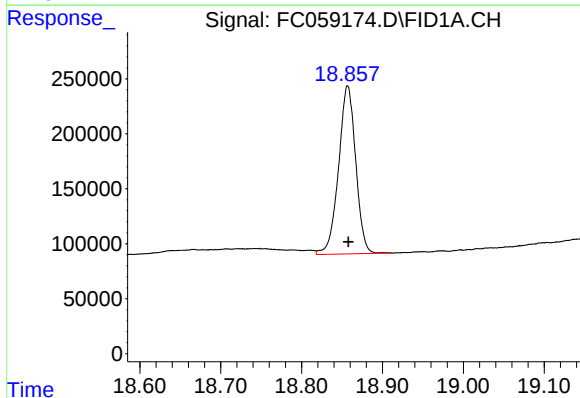
R.T.: 17.247 min
Delta R.T.: 0.001 min
Response: 2380172
Conc: 20.86 ug/ml

Instrument :
FID_C
ClientSampleId :



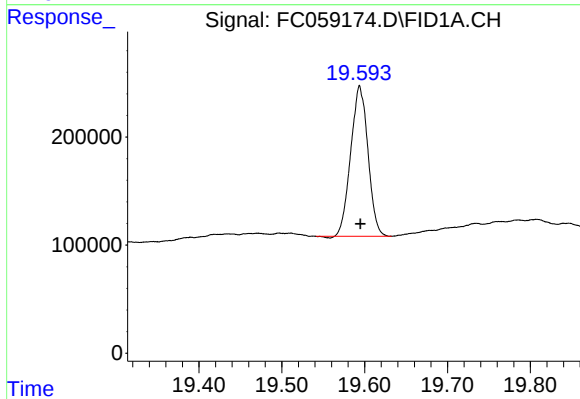
#18 n-Dotriacontane (C32)

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 2436177
Conc: 22.74 ug/ml



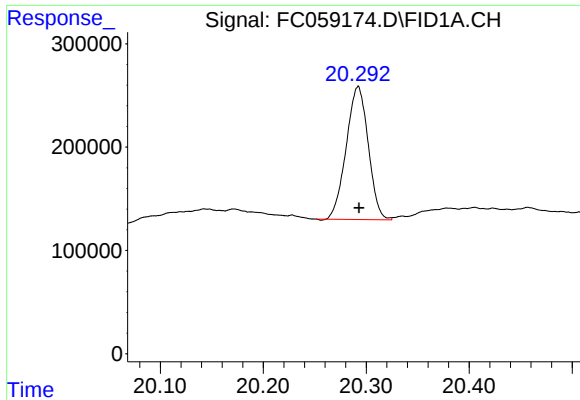
#19 n-Tetratriacontane (C34)

R.T.: 18.857 min
Delta R.T.: 0.000 min
Response: 2254050
Conc: 22.31 ug/ml



#20 n-Hexatriacontane (C36)

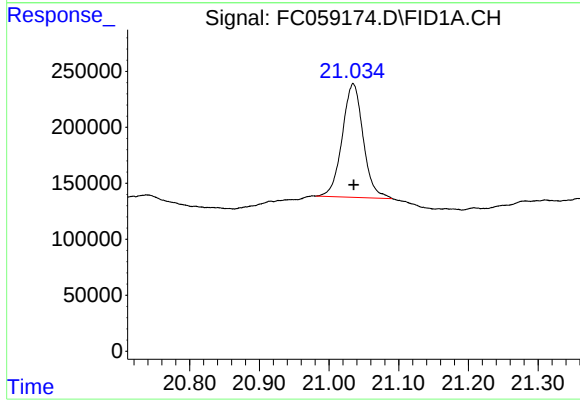
R.T.: 19.594 min
Delta R.T.: 0.000 min
Response: 2009215
Conc: 21.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.292 min
Delta R.T.: -0.001 min
Response: 1911177
Conc: 20.77 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.035 min
Delta R.T.: -0.001 min
Response: 2117290
Conc: 22.78 ug/ml