

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
 Data File : FC061060.D
 Signal(s) : FID1A.ch
 Acq On : 11 Aug 2022 03:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 11 05:50:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 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)	10.635	3169866	19.316 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
12) S 1-chlorooctadecane (S...	11.997	2565965	19.329 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
Target Compounds			
1) T n-Nonane (C9)	2.636	2904803	20.625 ug/ml
2) T n-Decane (C10)	3.629	2914329	20.659 ug/ml
3) T A~Naphthalene (C11.7)	5.172	3069705	21.595 ug/ml
4) T n-Dodecane (C12)	5.573	3084186	20.809 ug/ml
5) T A~2-methylnaphthalene...	6.196	2942960	21.458 ug/ml
6) T n-Tetradecane (C14)	7.320	3095264	20.617 ug/ml
7) T n-Hexadecane (C16)	8.879	3128905	20.446 ug/ml
8) T n-Octadecane (C18)	10.284	3151043	20.179 ug/ml
10) T n-Eicosane (C20)	11.561	3102983	19.773 ug/ml
11) T n-Heneicosane (C21)	12.158	3053544	19.515 ug/ml
13) T n-Docosane (C22)	12.729	2993746	19.201 ug/ml
14) T n-Tetracosane (C24)	13.805	2836482	18.579 ug/ml
15) T n-Hexacosane (C26)	14.802	2698577	18.078 ug/ml
16) T n-Octacosane (C28)	15.727	2581770	18.017 ug/ml
17) T n-Tricontane (C30)	16.592	2608875	18.635 ug/ml
18) T n-Dotriacontane (C32)	17.402	2640980	19.568 ug/ml
19) T n-Tetratriacontane (C34)	18.167	2596314	20.701 ug/ml
20) T n-Hexatriacontane (C36)	18.887	2644566	21.635 ug/ml
21) T n-Octatriacontane (C38)	19.569	2632689	22.306 ug/ml
22) T n-Tetracontane (C40)	20.216	2605489	22.637 ug/ml

(f)=RT Delta > 1/2 Window

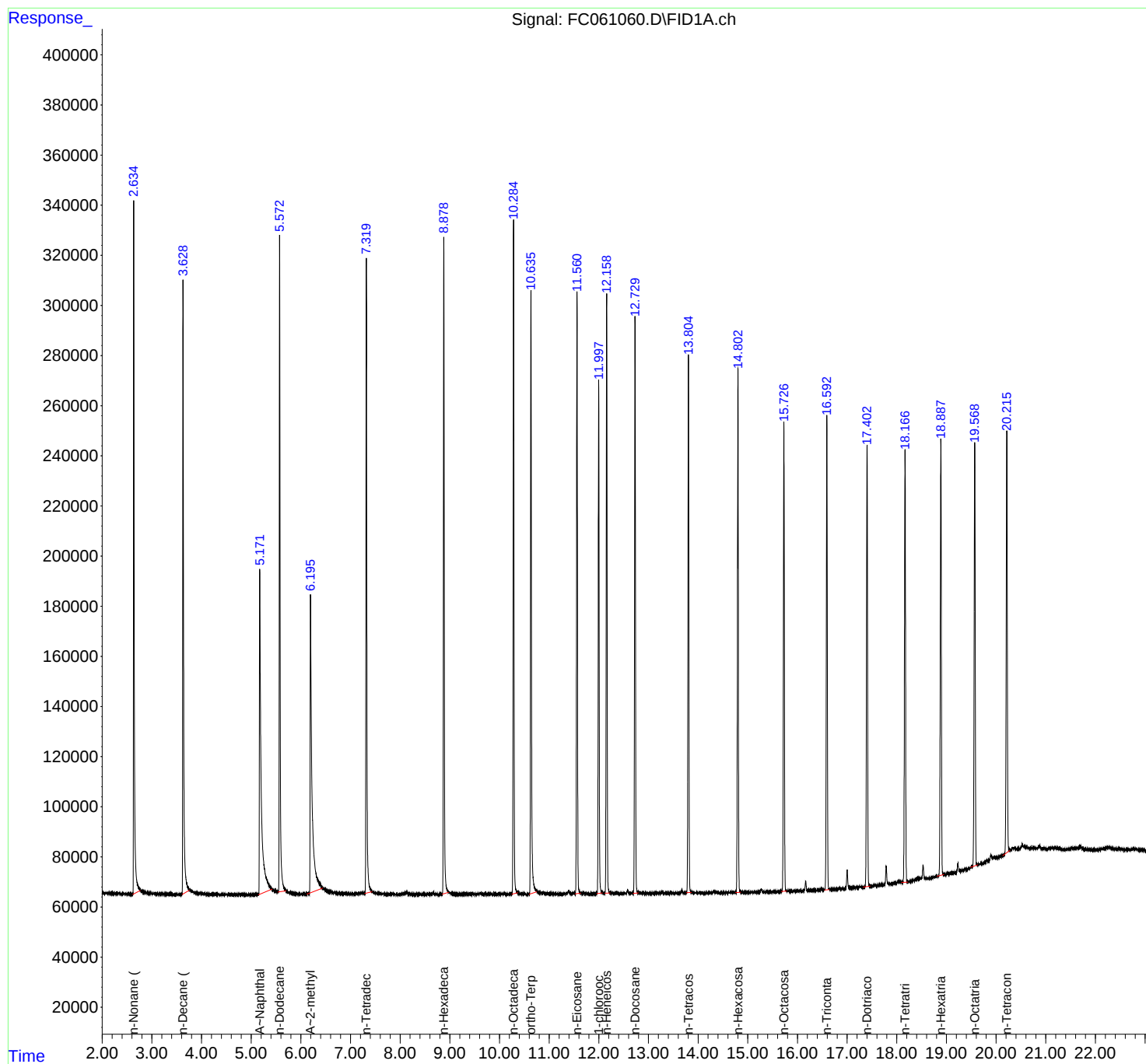
(m)=manual int.

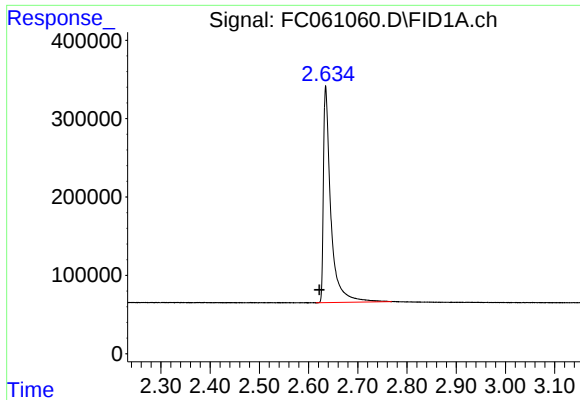
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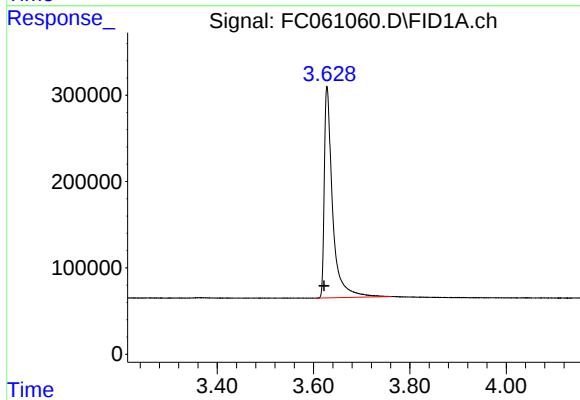




#1 n-Nonane (C9)

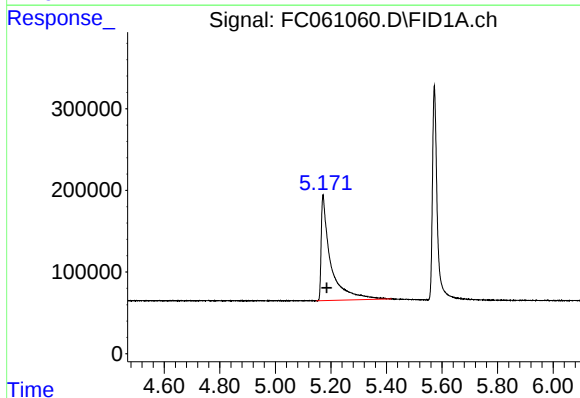
R.T.: 2.636 min
Delta R.T.: 0.014 min
Response: 2904803
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :



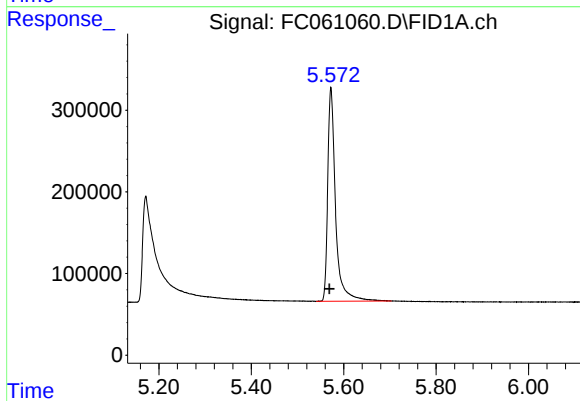
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: 0.007 min
Response: 2914329
Conc: 20.66 ug/ml



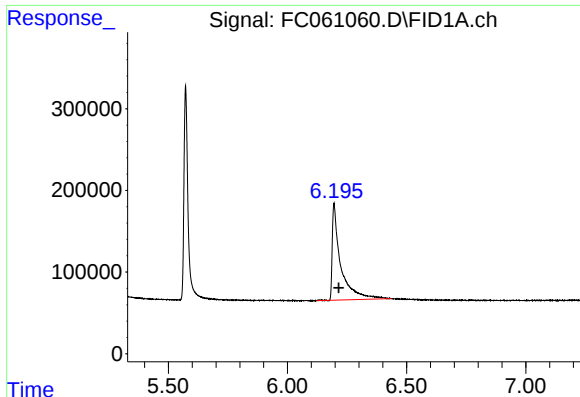
#3 A~Naphthalene (C11.7)

R.T.: 5.172 min
Delta R.T.: -0.012 min
Response: 3069705
Conc: 21.60 ug/ml



#4 n-Dodecane (C12)

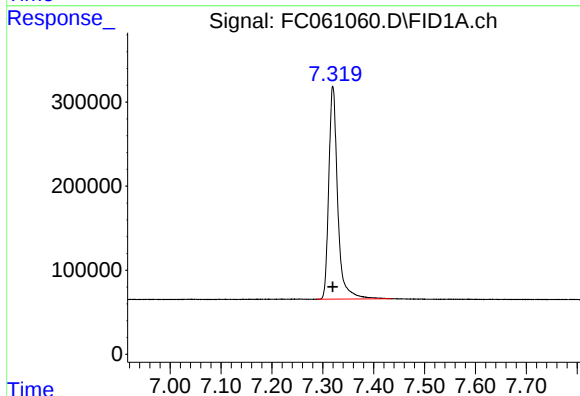
R.T.: 5.573 min
Delta R.T.: 0.003 min
Response: 3084186
Conc: 20.81 ug/ml



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

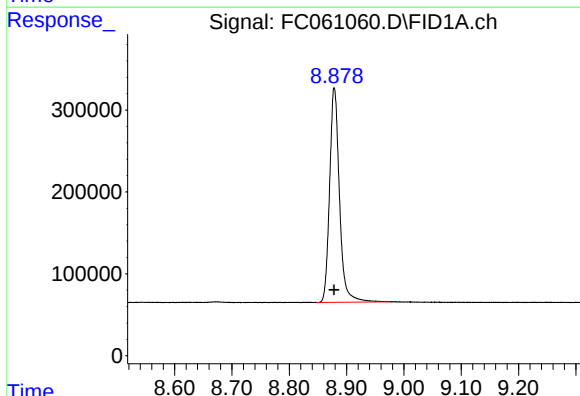
R.T.: 6.196 min
Delta R.T.: -0.019 min
Response: 2942960
Conc: 21.46 ug/ml

Instrument :
FID_C
ClientSampleId :



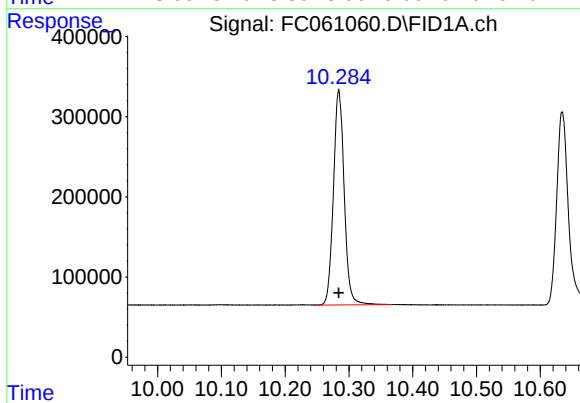
#6 n-Tetradecane (C14)

R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 3095264
Conc: 20.62 ug/ml



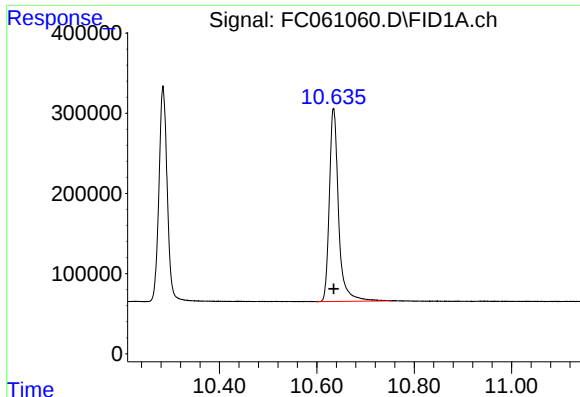
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 3128905
Conc: 20.45 ug/ml



#8 n-Octadecane (C18)

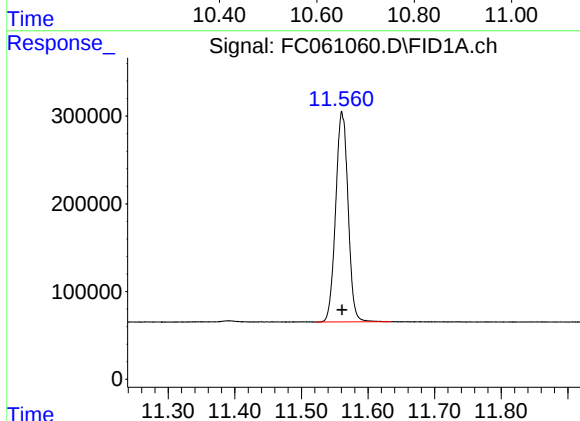
R.T.: 10.284 min
Delta R.T.: 0.000 min
Response: 3151043
Conc: 20.18 ug/ml



#9 ortho-Terphenyl (SURR)

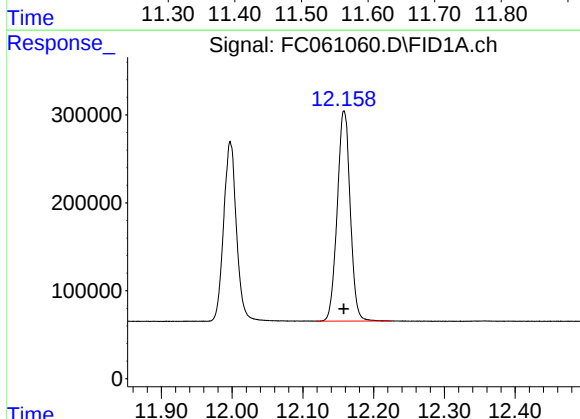
R.T.: 10.635 min
Delta R.T.: 0.000 min
Response: 3169866
Conc: 19.32 ug/ml

Instrument :
FID_C
ClientSampleId :



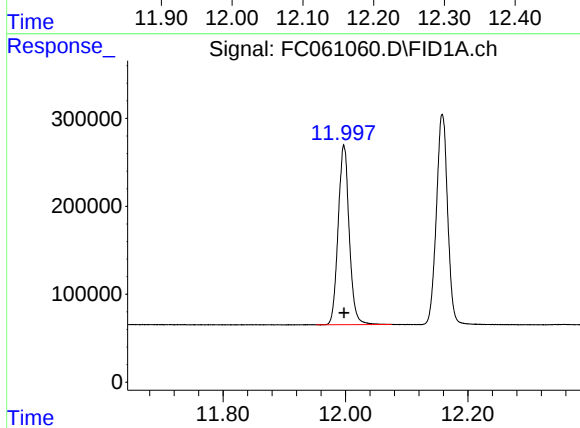
#10 n-Eicosane (C20)

R.T.: 11.561 min
Delta R.T.: 0.000 min
Response: 3102983
Conc: 19.77 ug/ml



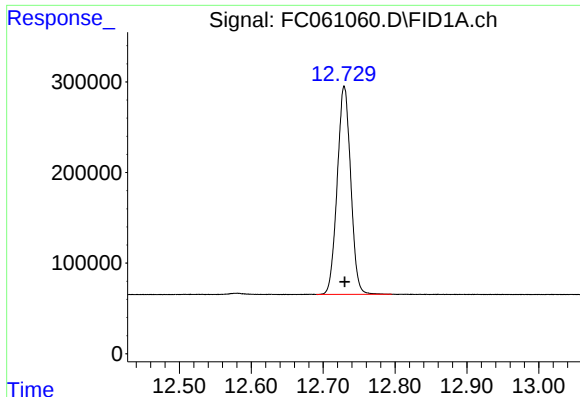
#11 n-Heneicosane (C21)

R.T.: 12.158 min
Delta R.T.: 0.000 min
Response: 3053544
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

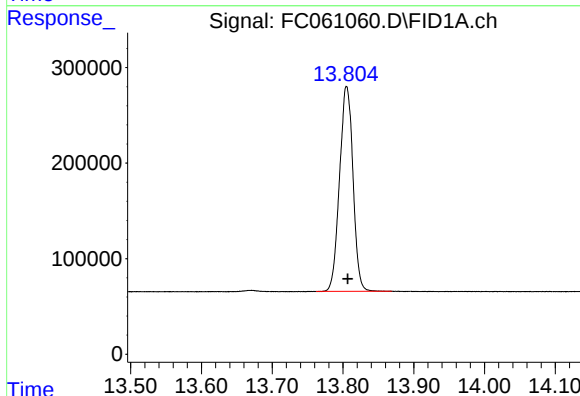
R.T.: 11.997 min
Delta R.T.: 0.000 min
Response: 2565965
Conc: 19.33 ug/ml



#13 n-Docosane (C22)

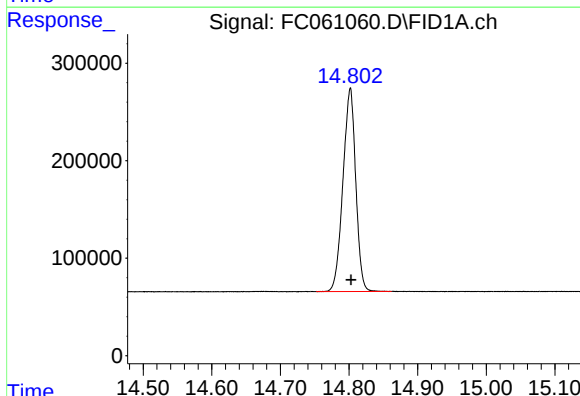
R.T.: 12.729 min
Delta R.T.: 0.000 min
Response: 2993746
Conc: 19.20 ug/ml

Instrument :
FID_C
ClientSampleId :



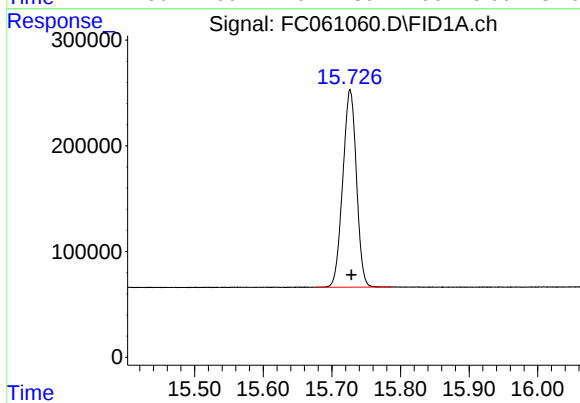
#14 n-Tetracosane (C24)

R.T.: 13.805 min
Delta R.T.: -0.001 min
Response: 2836482
Conc: 18.58 ug/ml



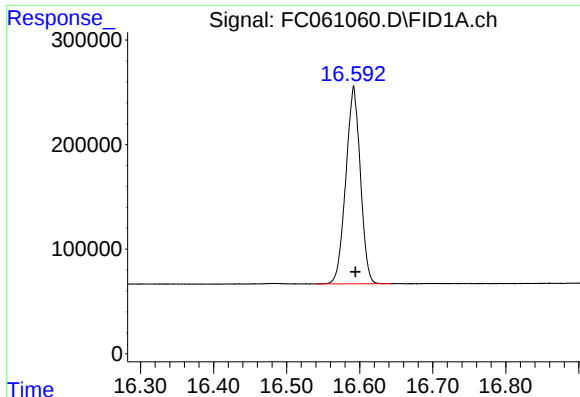
#15 n-Hexacosane (C26)

R.T.: 14.802 min
Delta R.T.: -0.001 min
Response: 2698577
Conc: 18.08 ug/ml



#16 n-Octacosane (C28)

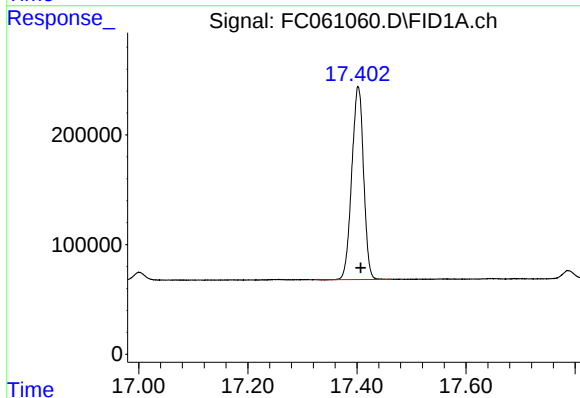
R.T.: 15.727 min
Delta R.T.: -0.002 min
Response: 2581770
Conc: 18.02 ug/ml



#17 n-Tricontane (C30)

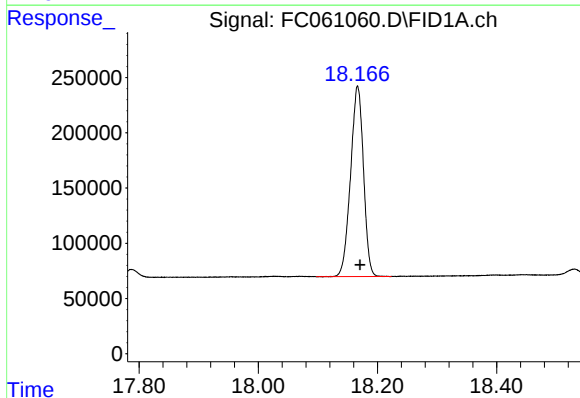
R.T.: 16.592 min
Delta R.T.: -0.003 min
Response: 2608875
Conc: 18.63 ug/ml

Instrument :
FID_C
ClientSampleId :



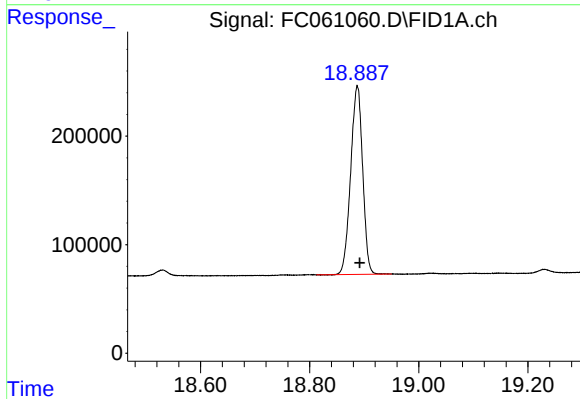
#18 n-Dotriacontane (C32)

R.T.: 17.402 min
Delta R.T.: -0.005 min
Response: 2640980
Conc: 19.57 ug/ml



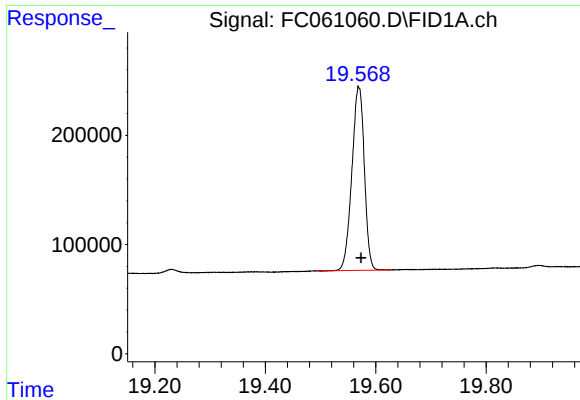
#19 n-Tetratriacontane (C34)

R.T.: 18.167 min
Delta R.T.: -0.004 min
Response: 2596314
Conc: 20.70 ug/ml



#20 n-Hexatriacontane (C36)

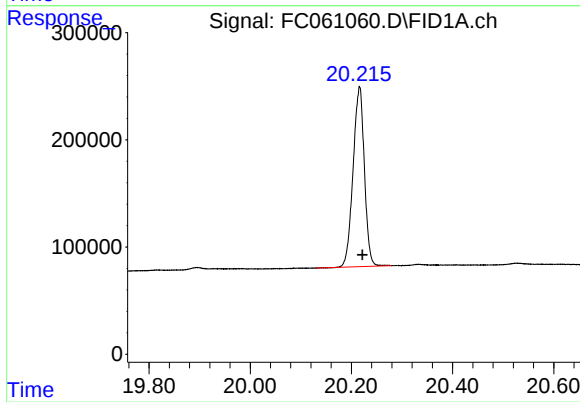
R.T.: 18.887 min
Delta R.T.: -0.005 min
Response: 2644566
Conc: 21.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.569 min
Delta R.T.: -0.004 min
Response: 2632689
Conc: 22.31 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.216 min
Delta R.T.: -0.006 min
Response: 2605489
Conc: 22.64 ug/ml