

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081222AL\
 Data File : FC061097.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2022 16:54
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 14 22:22:54 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)	10.634	3183309	19.398 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
12) S 1-chlorooctadecane (S...	11.996	2530660	19.063 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
Target Compounds			
1) T n-Nonane (C9)	2.633	2881786	20.462 ug/ml
2) T n-Decane (C10)	3.627	2948652	20.903 ug/ml
3) T A~Naphthalene (C11.7)	5.173	3230331	22.725 ug/ml
4) T n-Dodecane (C12)	5.572	3113572	21.007 ug/ml
5) T A~2-methylnaphthalene...	6.197	3132088	22.837 ug/ml
6) T n-Tetradecane (C14)	7.318	3064889	20.414 ug/ml
7) T n-Hexadecane (C16)	8.878	3127725	20.438 ug/ml
8) T n-Octadecane (C18)	10.283	3133132	20.064 ug/ml
10) T n-Eicosane (C20)	11.560	3070657	19.567 ug/ml
11) T n-Heneicosane (C21)	12.156	3026665	19.344 ug/ml
13) T n-Docosane (C22)	12.728	2968703	19.040 ug/ml
14) T n-Tetracosane (C24)	13.804	2840734	18.607 ug/ml
15) T n-Hexacosane (C26)	14.799	2694564	18.051 ug/ml
16) T n-Octacosane (C28)	15.726	2599366	18.140 ug/ml
17) T n-Tricontane (C30)	16.591	2659020	18.993 ug/ml
18) T n-Dotriacontane (C32)	17.402	2703413	20.031 ug/ml
19) T n-Tetratriacontane (C34)	18.167	2652243	21.147 ug/ml
20) T n-Hexatriacontane (C36)	18.887	2707639	22.151 ug/ml
21) T n-Octatriacontane (C38)	19.568	2687630	22.772 ug/ml
22) T n-Tetracontane (C40)	20.215	2563491	22.273 ug/ml

(f)=RT Delta > 1/2 Window

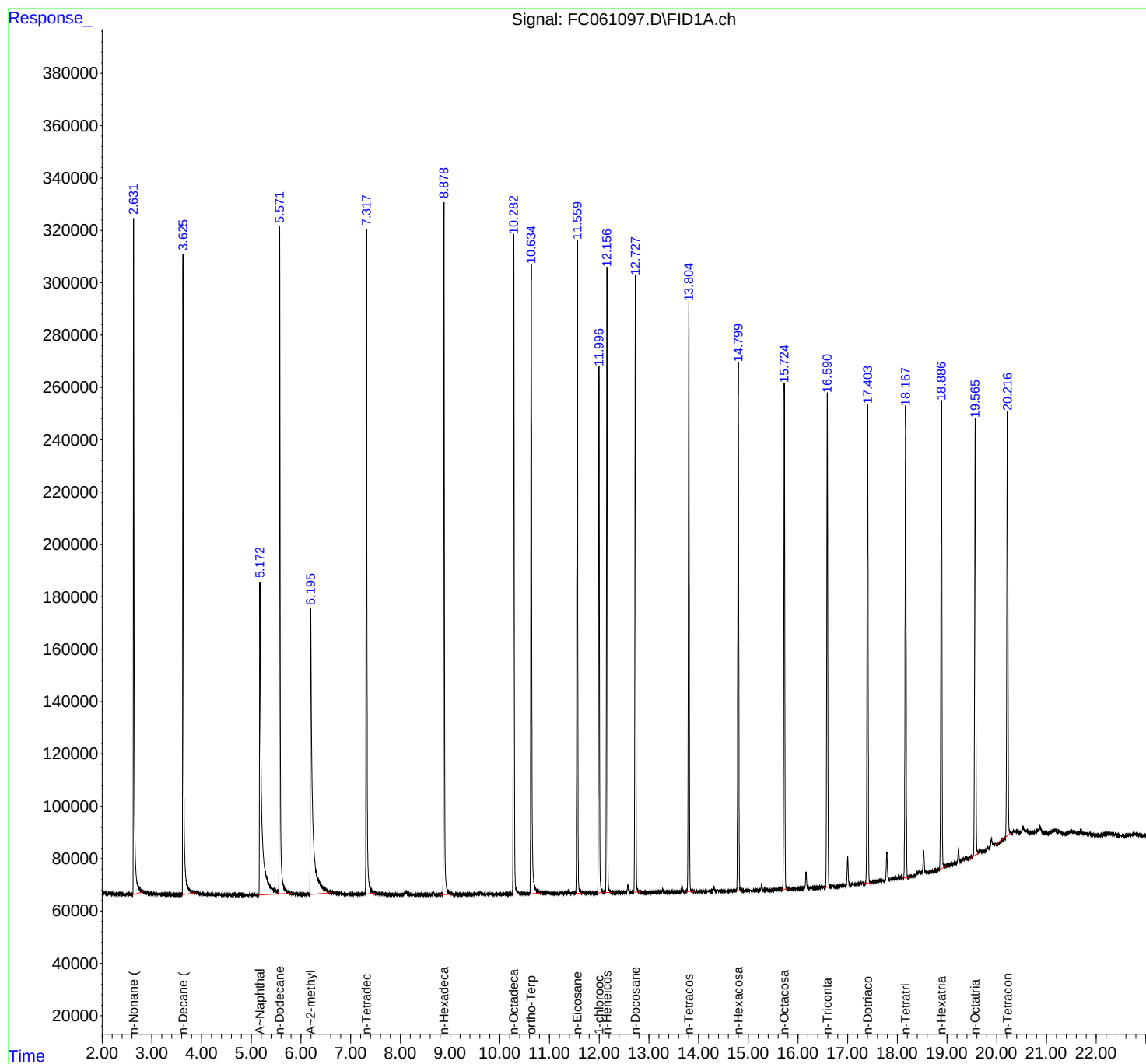
(m)=manual int.

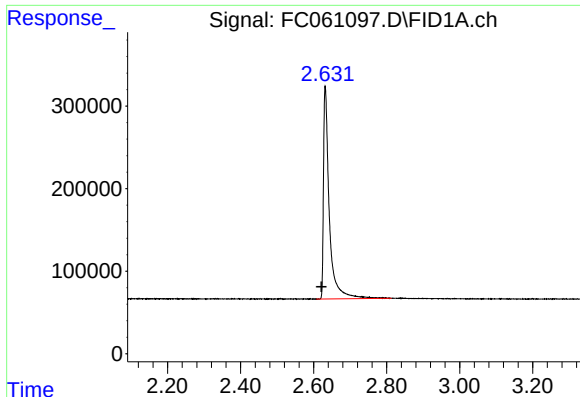
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081222AL\
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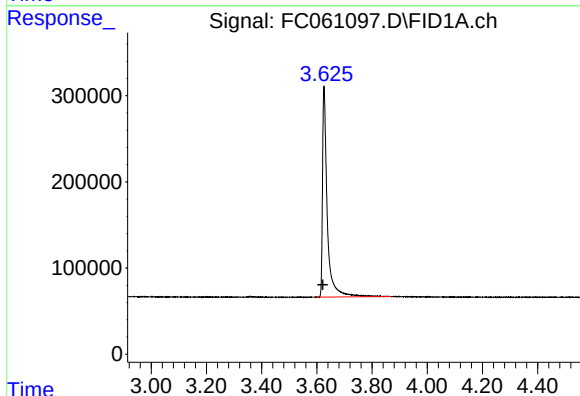




#1 n-Nonane (C9)

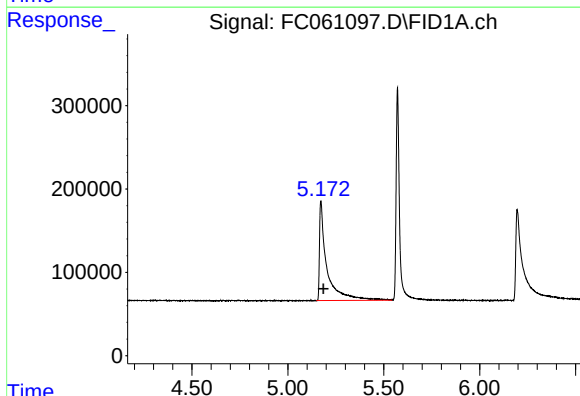
R.T.: 2.633 min
Delta R.T.: 0.011 min
Response: 2881786
Conc: 20.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



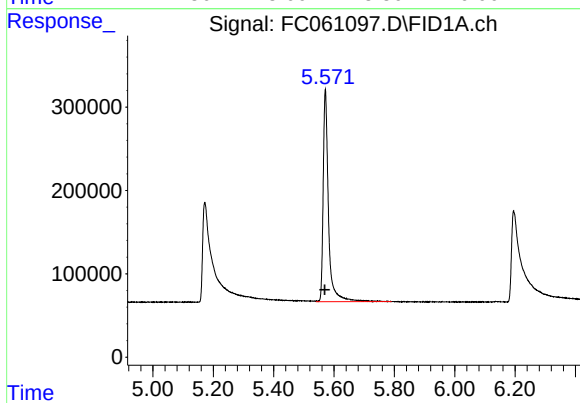
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: 0.005 min
Response: 2948652
Conc: 20.90 ug/ml



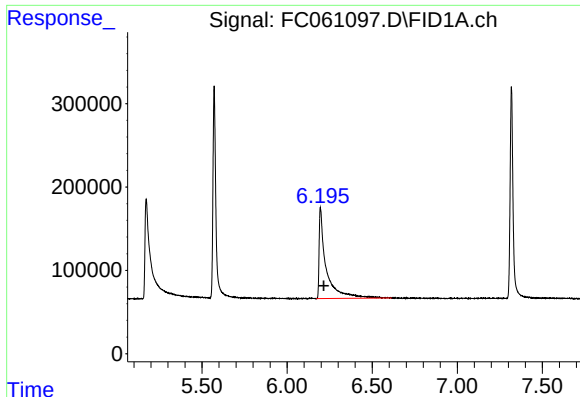
#3 A~Naphthalene (C11.7)

R.T.: 5.173 min
Delta R.T.: -0.012 min
Response: 3230331
Conc: 22.73 ug/ml



#4 n-Dodecane (C12)

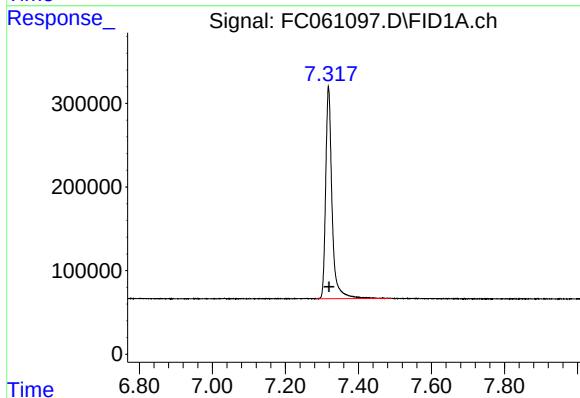
R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 3113572
Conc: 21.01 ug/ml



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

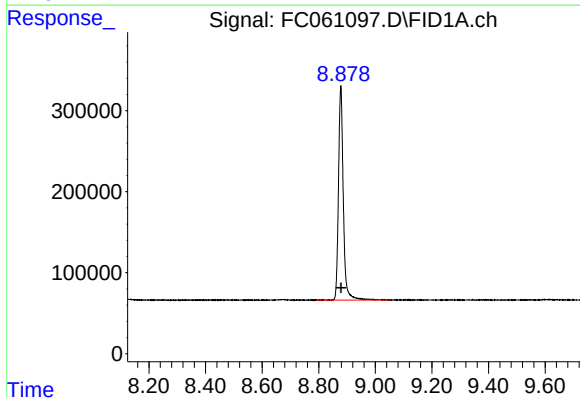
R.T.: 6.197 min
Delta R.T.: -0.018 min
Response: 3132088
Conc: 22.84 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



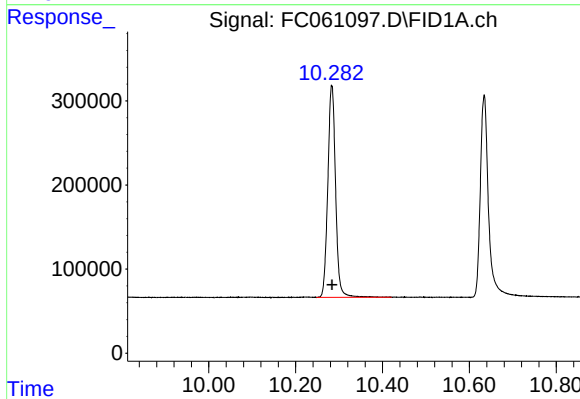
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 3064889
Conc: 20.41 ug/ml



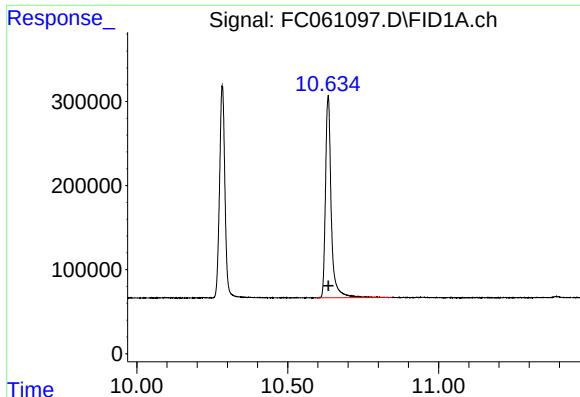
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 3127725
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

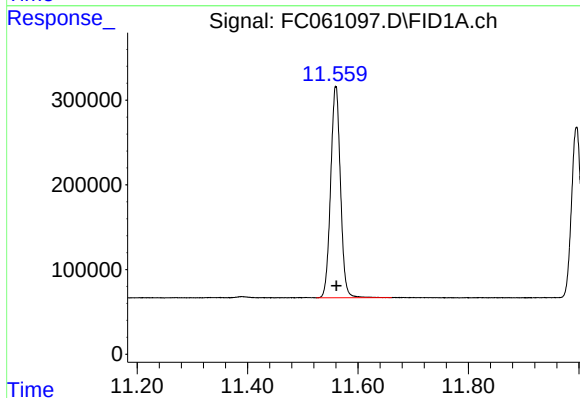
R.T.: 10.283 min
Delta R.T.: 0.000 min
Response: 3133132
Conc: 20.06 ug/ml



#9 ortho-Terphenyl (SURR)

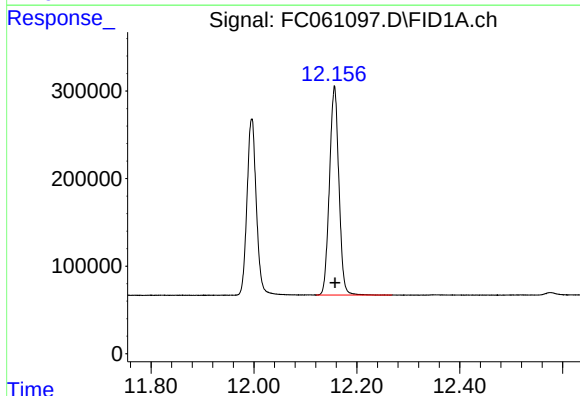
R.T.: 10.634 min
Delta R.T.: 0.000 min
Response: 3183309
Conc: 19.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



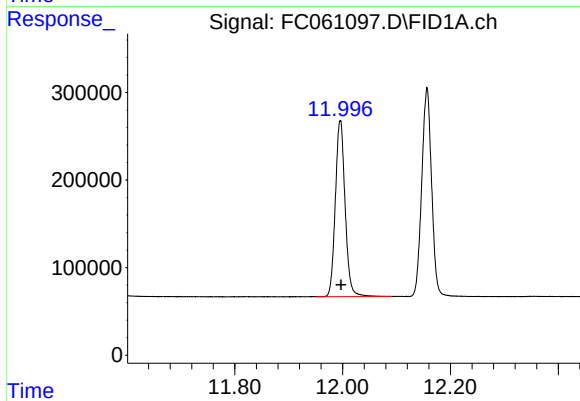
#10 n-Eicosane (C20)

R.T.: 11.560 min
Delta R.T.: -0.001 min
Response: 3070657
Conc: 19.57 ug/ml



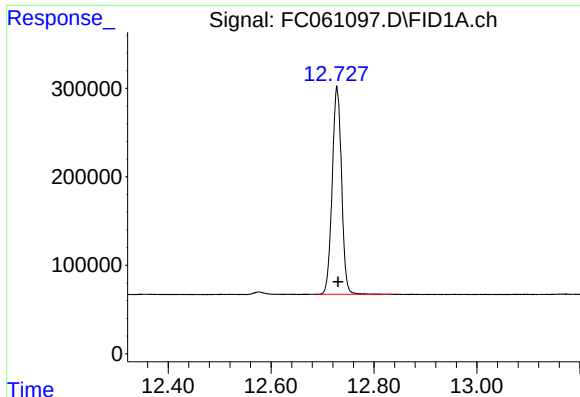
#11 n-Heneicosane (C21)

R.T.: 12.156 min
Delta R.T.: -0.002 min
Response: 3026665
Conc: 19.34 ug/ml



#12 1-chlorooctadecane (SURR)

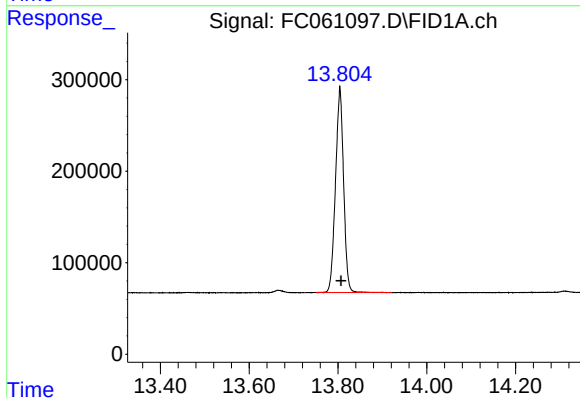
R.T.: 11.996 min
Delta R.T.: -0.002 min
Response: 2530660
Conc: 19.06 ug/ml



#13 n-Docosane (C22)

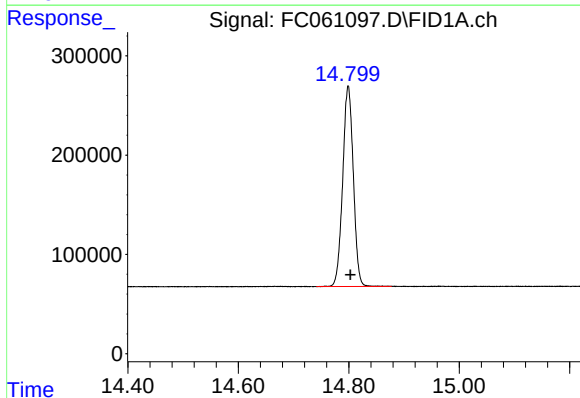
R.T.: 12.728 min
Delta R.T.: -0.002 min
Response: 2968703
Conc: 19.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



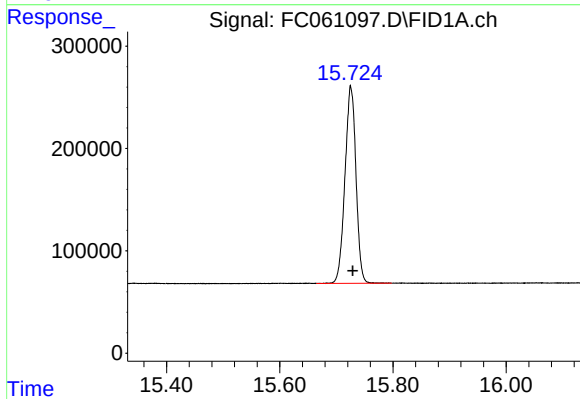
#14 n-Tetracosane (C24)

R.T.: 13.804 min
Delta R.T.: -0.002 min
Response: 2840734
Conc: 18.61 ug/ml



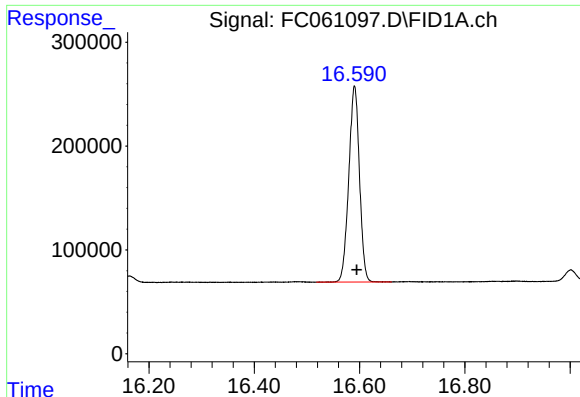
#15 n-Hexacosane (C26)

R.T.: 14.799 min
Delta R.T.: -0.004 min
Response: 2694564
Conc: 18.05 ug/ml



#16 n-Octacosane (C28)

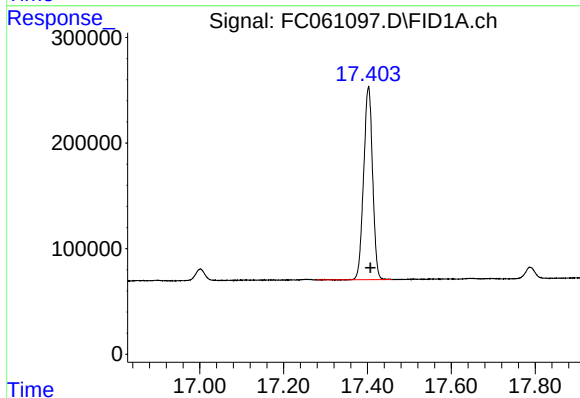
R.T.: 15.726 min
Delta R.T.: -0.003 min
Response: 2599366
Conc: 18.14 ug/ml



#17 n-Tricontane (C30)

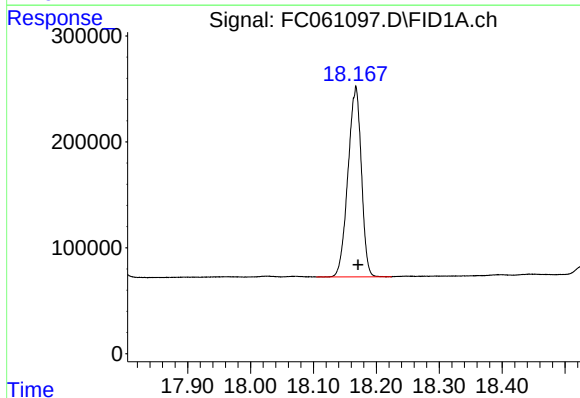
R.T.: 16.591 min
Delta R.T.: -0.004 min
Response: 2659020
Conc: 18.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



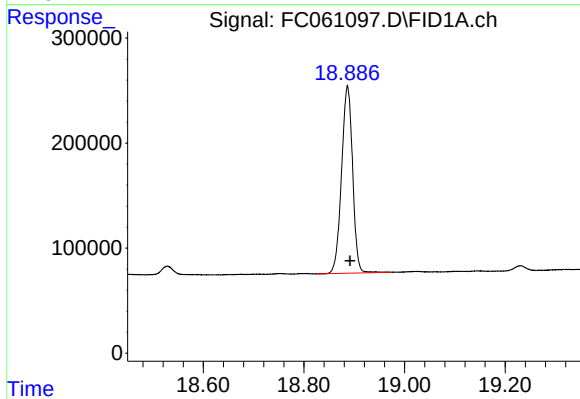
#18 n-Dotriacontane (C32)

R.T.: 17.402 min
Delta R.T.: -0.005 min
Response: 2703413
Conc: 20.03 ug/ml



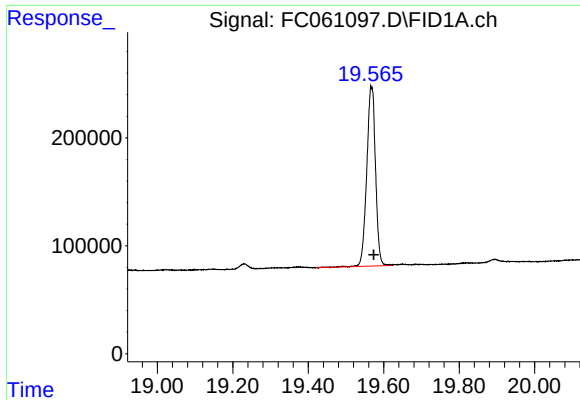
#19 n-Tetratriacontane (C34)

R.T.: 18.167 min
Delta R.T.: -0.004 min
Response: 2652243
Conc: 21.15 ug/ml



#20 n-Hexatriacontane (C36)

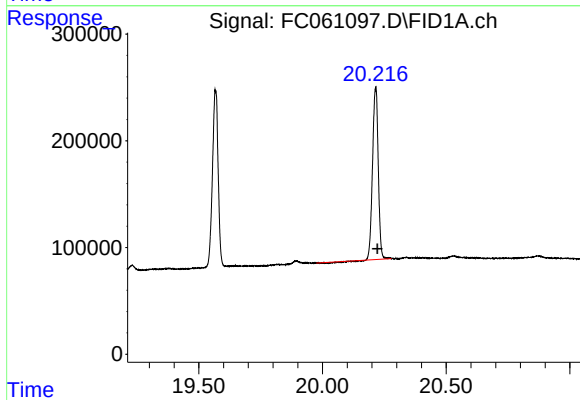
R.T.: 18.887 min
Delta R.T.: -0.005 min
Response: 2707639
Conc: 22.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.568 min
Delta R.T.: -0.006 min
Response: 2687630
Conc: 22.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.215 min
Delta R.T.: -0.007 min
Response: 2563491
Conc: 22.27 ug/ml