

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031522AL\
 Data File : FC058798.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2022 13:47
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Mar 17 14:13:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.395	2985971	20.501 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
12) S 1-chlorooctadecane (S...	12.826	2283866	20.149 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
Target Compounds			
1) T n-Nonane (C9)	3.254	2524816	20.996 ug/ml
2) T n-Decane (C10)	4.302	2533896	21.293 ug/ml
3) T A~Naphthalene (C11.7)	5.867	2588347	19.944 ug/ml
4) T n-Dodecane (C12)	6.295	2656569	21.595 ug/ml
5) T A~2-methylnaphthalene...	6.911	2530339	19.409 ug/ml
6) T n-Tetradecane (C14)	8.071	2664458	21.263 ug/ml
7) T n-Hexadecane (C16)	9.657	2720494	21.125 ug/ml
8) T n-Octadecane (C18)	11.087	2774809	21.086 ug/ml
10) T n-Eicosane (C20)	12.385	2735934	20.806 ug/ml
11) T n-Heneicosane (C21)	12.994	2728035	20.642 ug/ml
13) T n-Docosane (C22)	13.575	2695433	20.675 ug/ml
14) T n-Tetracosane (C24)	14.671	2628851	20.358 ug/ml
15) T n-Hexacosane (C26)	15.684	2569093	20.769 ug/ml
16) T n-Octacosane (C28)	16.629	2543233	21.366 ug/ml
17) T n-Tricontane (C30)	17.510	2533982	22.512 ug/ml
18) T n-Dotriacontane (C32)	18.339	2451291	22.796 ug/ml
19) T n-Tetratriacontane (C34)	19.117	2269548	23.424 ug/ml
20) T n-Hexatriacontane (C36)	19.853	2122604	23.528 ug/ml
21) T n-Octatriacontane (C38)	20.556	2032784	23.359 ug/ml
22) T n-Tetracontane (C40)	21.380	2026580	24.150 ug/ml

(f)=RT Delta > 1/2 Window

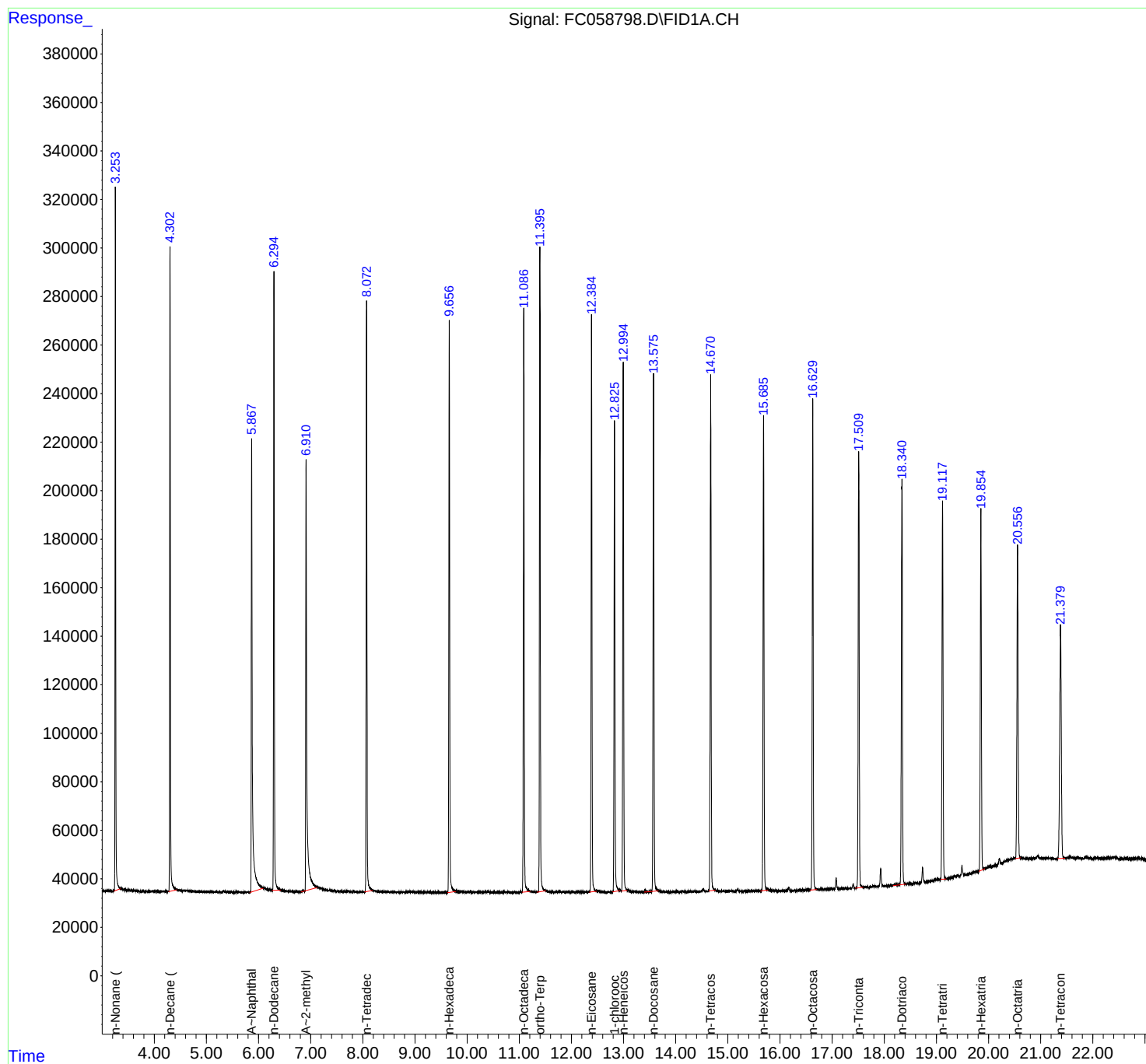
(m)=manual int.

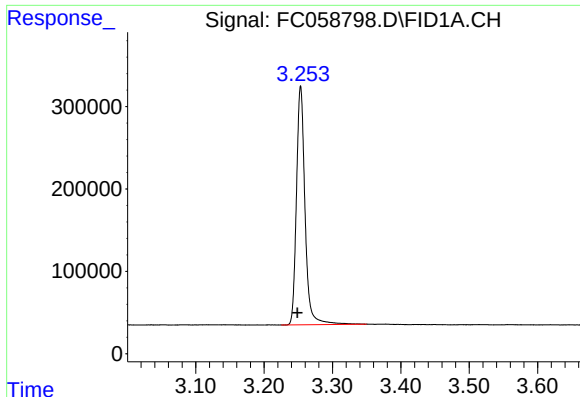
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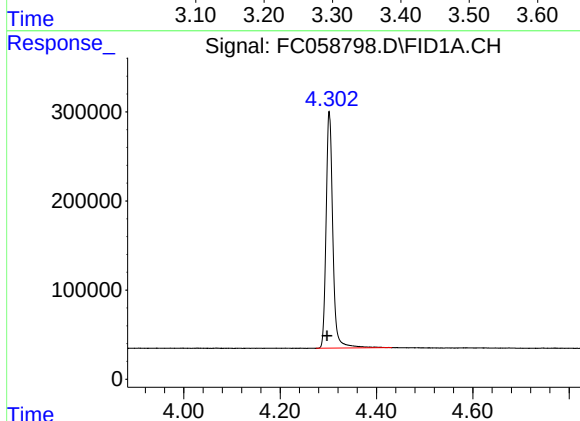




#1 n-Nonane (C9)

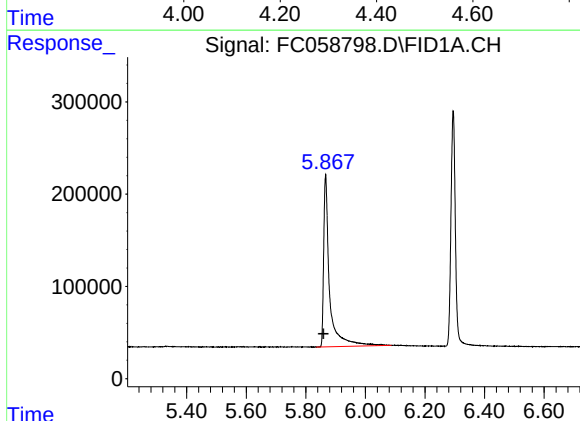
R.T.: 3.254 min
Delta R.T.: 0.005 min
Response: 2524816
Conc: 21.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



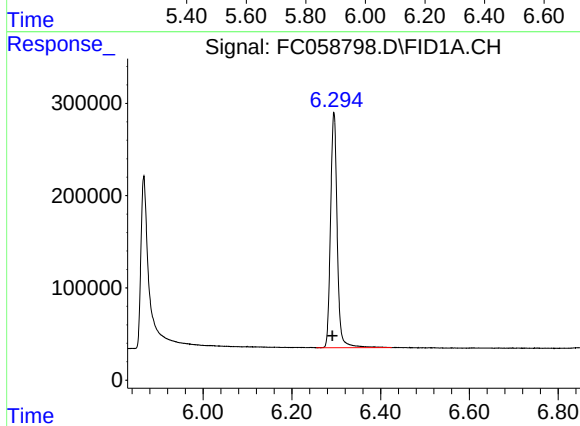
#2 n-Decane (C10)

R.T.: 4.302 min
Delta R.T.: 0.005 min
Response: 2533896
Conc: 21.29 ug/ml



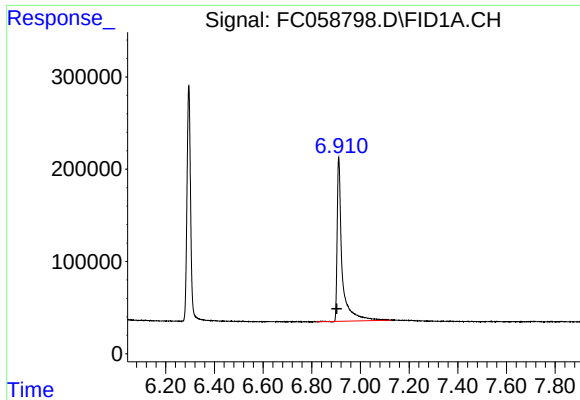
#3 A~Naphthalene (C11.7)

R.T.: 5.867 min
Delta R.T.: 0.008 min
Response: 2588347
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

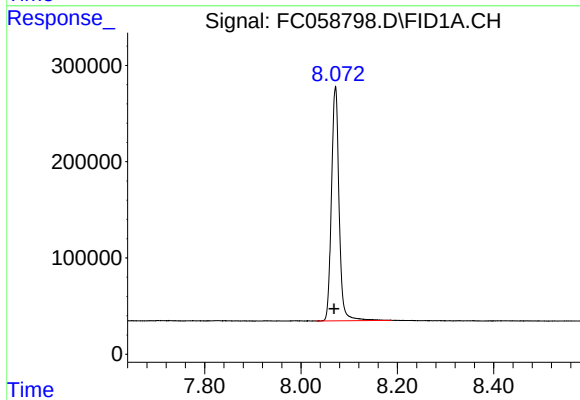
R.T.: 6.295 min
Delta R.T.: 0.004 min
Response: 2656569
Conc: 21.60 ug/ml



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

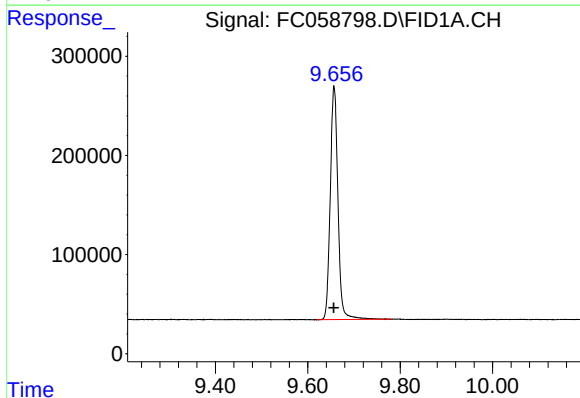
R.T.: 6.911 min
Delta R.T.: 0.009 min
Response: 2530339
Conc: 19.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



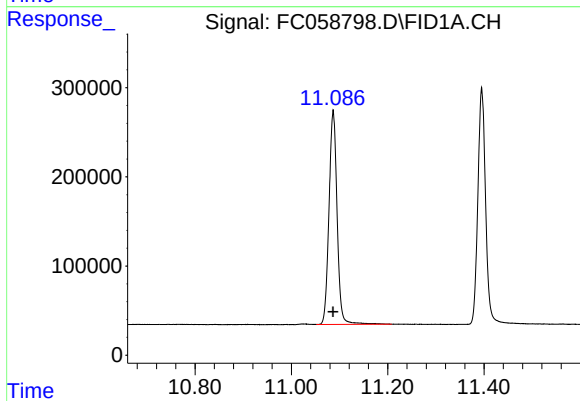
#6 n-Tetradecane (C14)

R.T.: 8.071 min
Delta R.T.: 0.003 min
Response: 2664458
Conc: 21.26 ug/ml



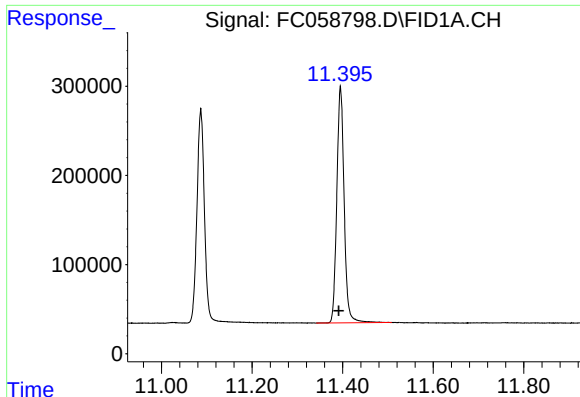
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 2720494
Conc: 21.13 ug/ml



#8 n-Octadecane (C18)

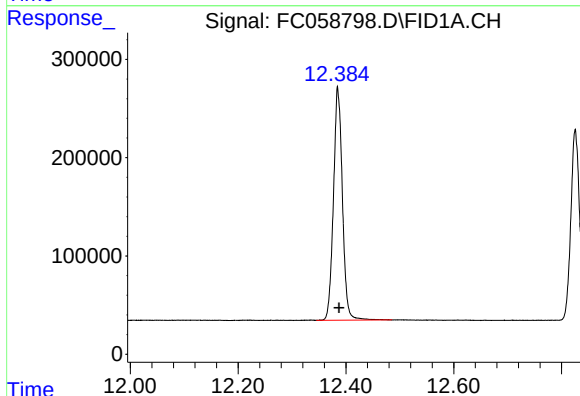
R.T.: 11.087 min
Delta R.T.: 0.000 min
Response: 2774809
Conc: 21.09 ug/ml



#9 ortho-Terphenyl (SURR)

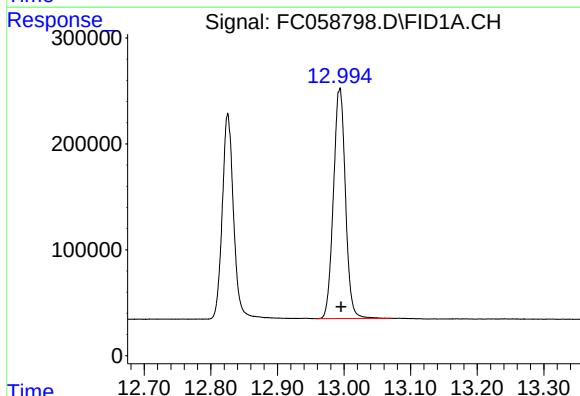
R.T.: 11.395 min
Delta R.T.: 0.004 min
Response: 2985971
Conc: 20.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



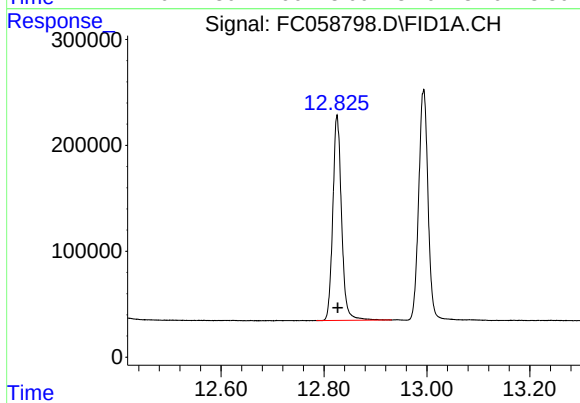
#10 n-Eicosane (C20)

R.T.: 12.385 min
Delta R.T.: -0.002 min
Response: 2735934
Conc: 20.81 ug/ml



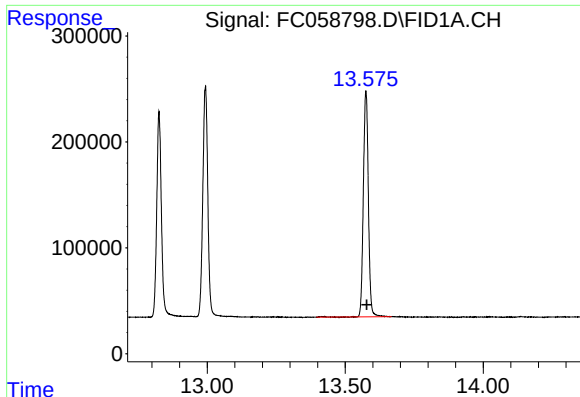
#11 n-Heneicosane (C21)

R.T.: 12.994 min
Delta R.T.: -0.002 min
Response: 2728035
Conc: 20.64 ug/ml



#12 1-chlorooctadecane (SURR)

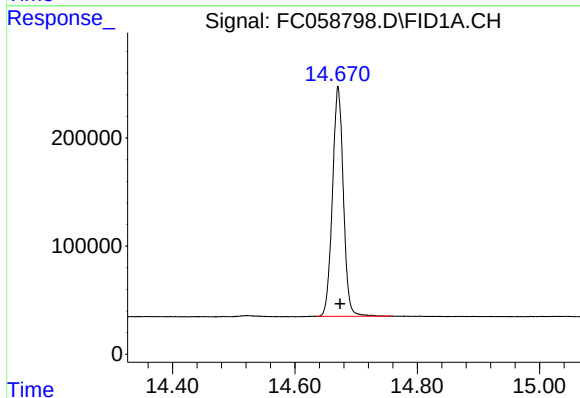
R.T.: 12.826 min
Delta R.T.: -0.001 min
Response: 2283866
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

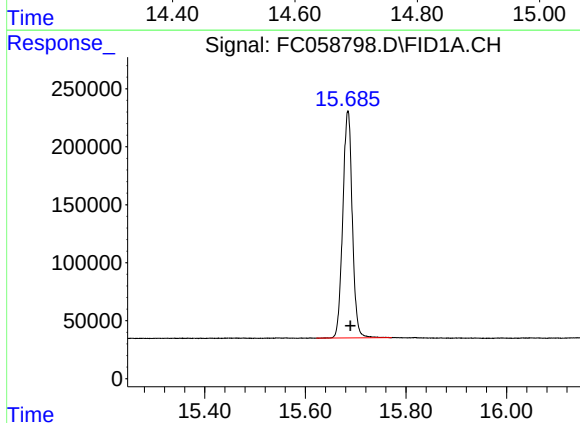
R.T.: 13.575 min
Delta R.T.: -0.003 min
Response: 2695433
Conc: 20.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



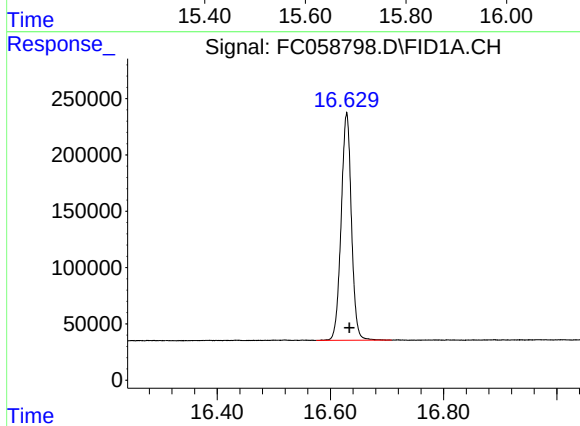
#14 n-Tetracosane (C24)

R.T.: 14.671 min
Delta R.T.: -0.003 min
Response: 2628851
Conc: 20.36 ug/ml



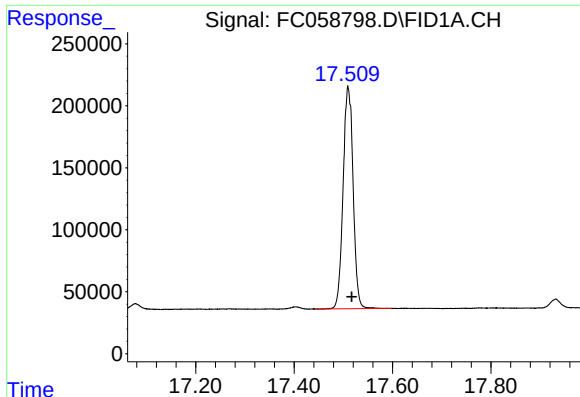
#15 n-Hexacosane (C26)

R.T.: 15.684 min
Delta R.T.: -0.005 min
Response: 2569093
Conc: 20.77 ug/ml



#16 n-Octacosane (C28)

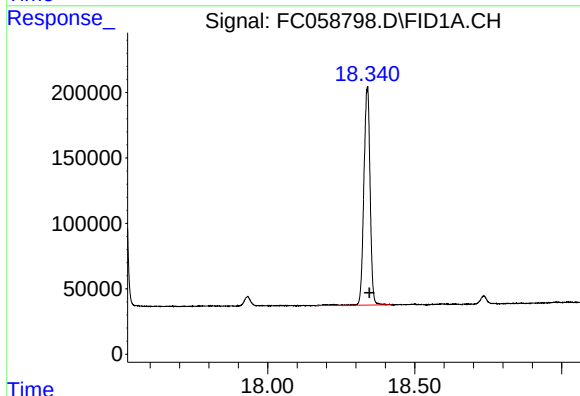
R.T.: 16.629 min
Delta R.T.: -0.005 min
Response: 2543233
Conc: 21.37 ug/ml



#17 n-Tricontane (C30)

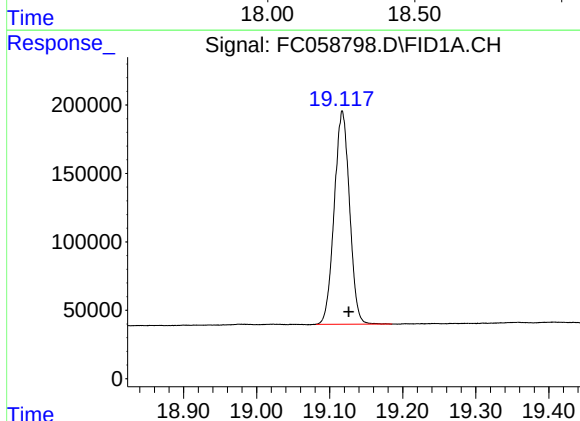
R.T.: 17.510 min
Delta R.T.: -0.007 min
Response: 2533982
Conc: 22.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



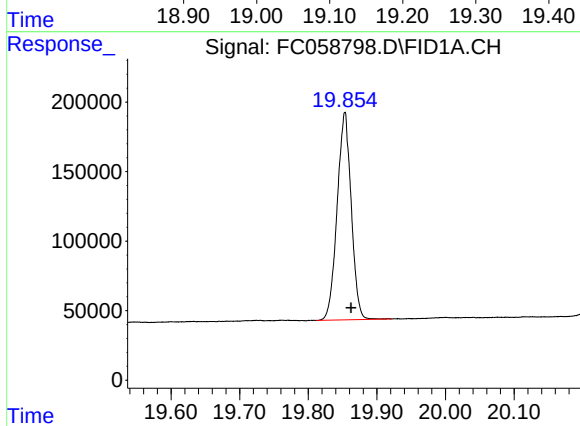
#18 n-Dotriacontane (C32)

R.T.: 18.339 min
Delta R.T.: -0.007 min
Response: 2451291
Conc: 22.80 ug/ml



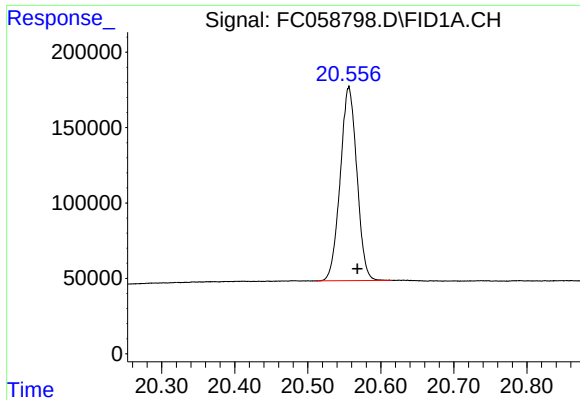
#19 n-Tetratriacontane (C34)

R.T.: 19.117 min
Delta R.T.: -0.009 min
Response: 2269548
Conc: 23.42 ug/ml



#20 n-Hexatriacontane (C36)

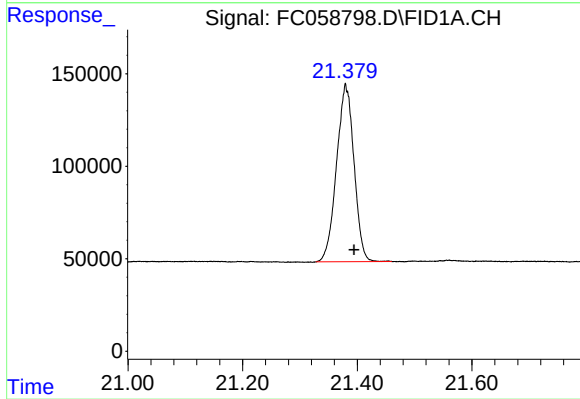
R.T.: 19.853 min
Delta R.T.: -0.009 min
Response: 2122604
Conc: 23.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.556 min
Delta R.T.: -0.012 min
Response: 2032784
Conc: 23.36 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.380 min
Delta R.T.: -0.015 min
Response: 2026580
Conc: 24.15 ug/ml