

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030425AL\
 Data File : FC068360.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 00:39
 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: Mar 05 04:35:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 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)	11.391	3128561	20.389 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
12) S 1-chlorooctadecane (S...	12.832	2284737	20.313 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
Target Compounds			
1) T n-Nonane (C9)	3.201	2966204	21.085 ug/ml
2) T n-Decane (C10)	4.258	2986910	21.083 ug/ml
3) T A~Naphthalene (C11.7)	5.824	3212651	20.993 ug/ml
4) T n-Dodecane (C12)	6.265	2942519	20.905 ug/ml
5) T A~2-methylnaphthalene...	6.876	3008596	20.774 ug/ml
6) T n-Tetradecane (C14)	8.054	2805181	20.574 ug/ml
7) T n-Hexadecane (C16)	9.649	2843790	20.763 ug/ml
8) T n-Octadecane (C18)	11.086	2833509	20.719 ug/ml
10) T n-Eicosane (C20)	12.392	2685488	20.612 ug/ml
11) T n-Heneicosane (C21)	13.002	2627366	20.551 ug/ml
13) T n-Docosane (C22)	13.587	2591946	20.566 ug/ml
14) T n-Tetracosane (C24)	14.688	2556131	20.551 ug/ml
15) T n-Hexacosane (C26)	15.706	2506672	20.615 ug/ml
16) T n-Octacosane (C28)	16.655	2430418	20.464 ug/ml
17) T n-Tricontane (C30)	17.541	2462926	20.462 ug/ml
18) T n-Dotriacontane (C32)	18.373	2407784	20.745 ug/ml
19) T n-Tetratriacontane (C34)	19.154	2153790	19.932 ug/ml
20) T n-Hexatriacontane (C36)	19.894	1929438	20.063 ug/ml
21) T n-Octatriacontane (C38)	20.605	1852757	20.610 ug/ml
22) T n-Tetracontane (C40)	21.453	1792097	20.713 ug/ml

(f)=RT Delta > 1/2 Window

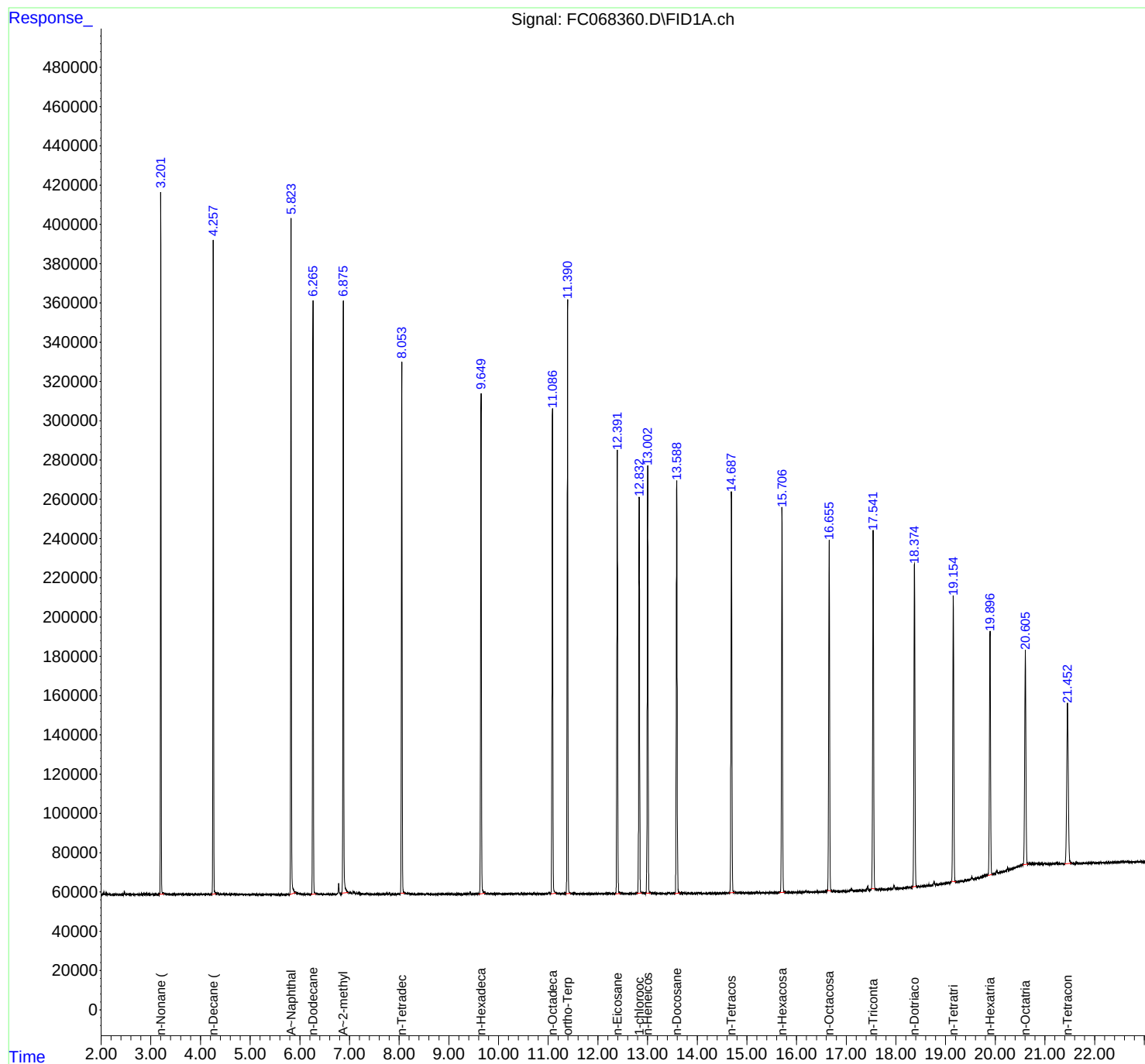
(m)=manual int.

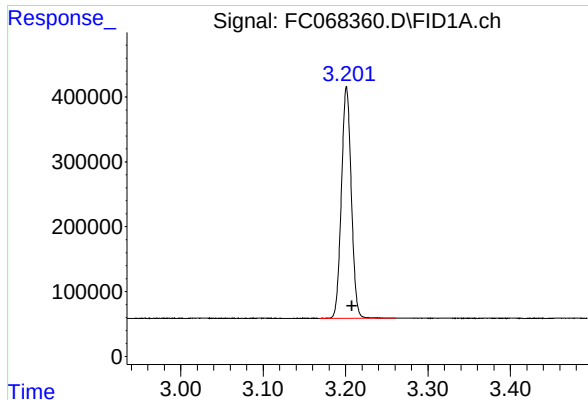
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Signal Info : 20M x 0.18mm x 0.18um

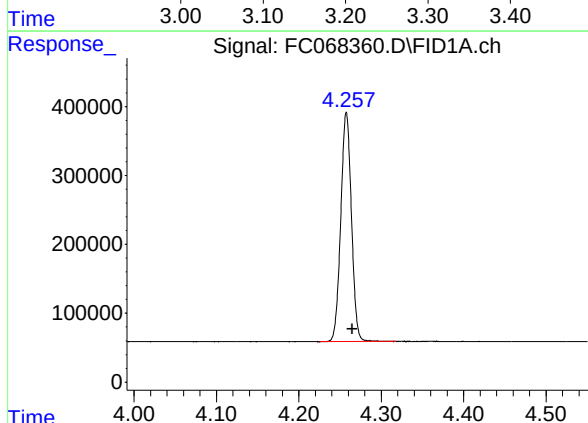




#1 n-Nonane (C9)

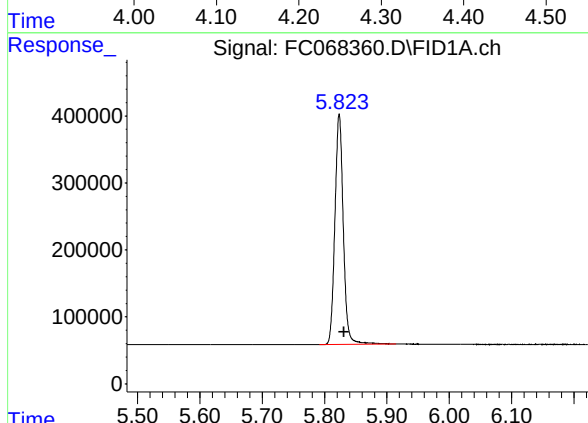
R.T.: 3.201 min
Delta R.T.: -0.007 min
Response: 2966204
Conc: 21.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



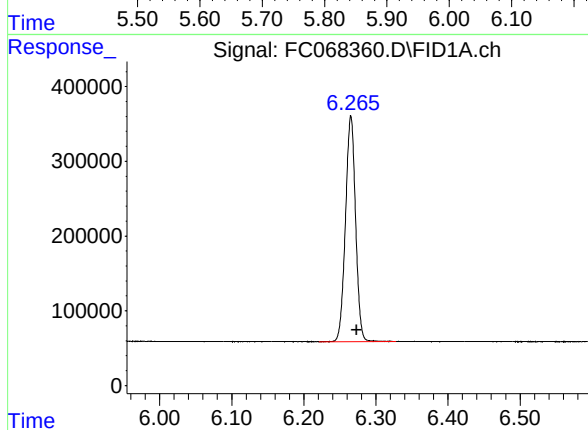
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: -0.007 min
Response: 2986910
Conc: 21.08 ug/ml



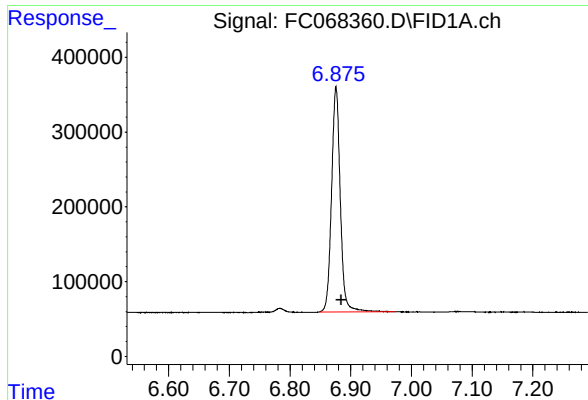
#3 A~Naphthalene (C11.7)

R.T.: 5.824 min
Delta R.T.: -0.008 min
Response: 3212651
Conc: 20.99 ug/ml



#4 n-Dodecane (C12)

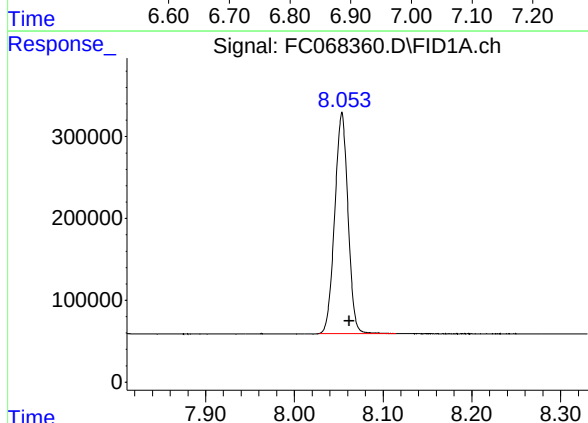
R.T.: 6.265 min
Delta R.T.: -0.008 min
Response: 2942519
Conc: 20.90 ug/ml



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

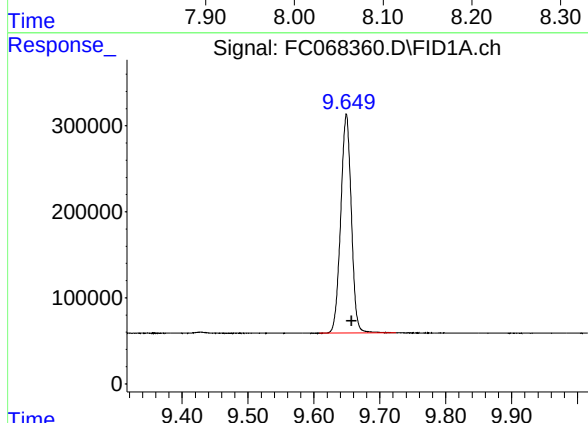
R.T.: 6.876 min
Delta R.T.: -0.008 min
Response: 3008596
Conc: 20.77 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



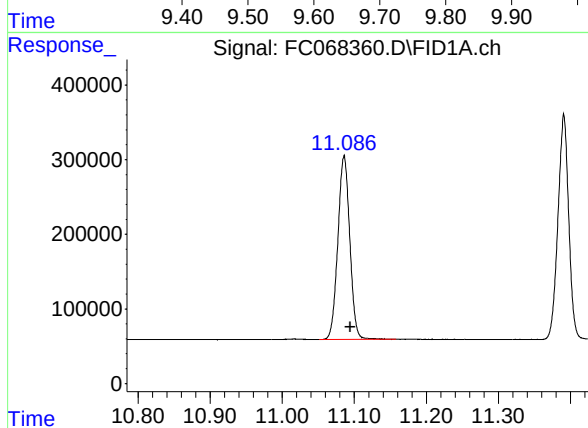
#6 n-Tetradecane (C14)

R.T.: 8.054 min
Delta R.T.: -0.008 min
Response: 2805181
Conc: 20.57 ug/ml



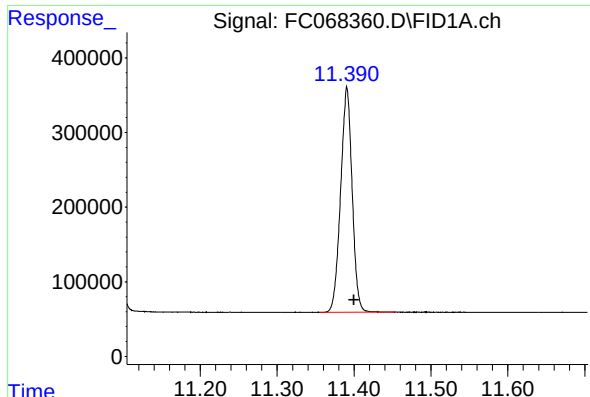
#7 n-Hexadecane (C16)

R.T.: 9.649 min
Delta R.T.: -0.008 min
Response: 2843790
Conc: 20.76 ug/ml



#8 n-Octadecane (C18)

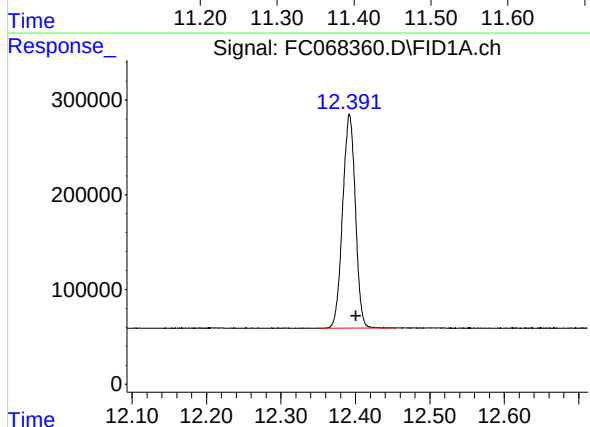
R.T.: 11.086 min
Delta R.T.: -0.009 min
Response: 2833509
Conc: 20.72 ug/ml



#9 ortho-Terphenyl (SURR)

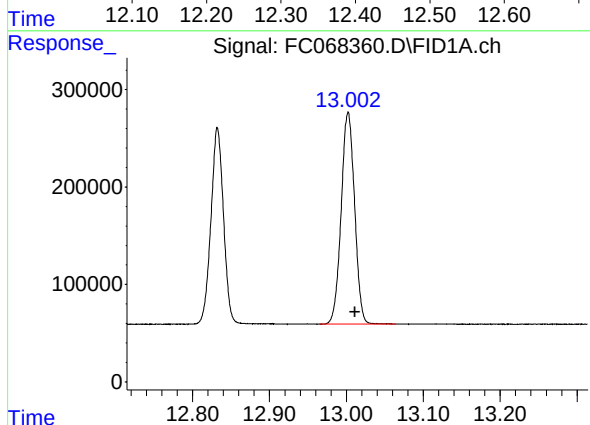
R.T.: 11.391 min
Delta R.T.: -0.009 min
Response: 3128561
Conc: 20.39 ug/ml

Instrument :
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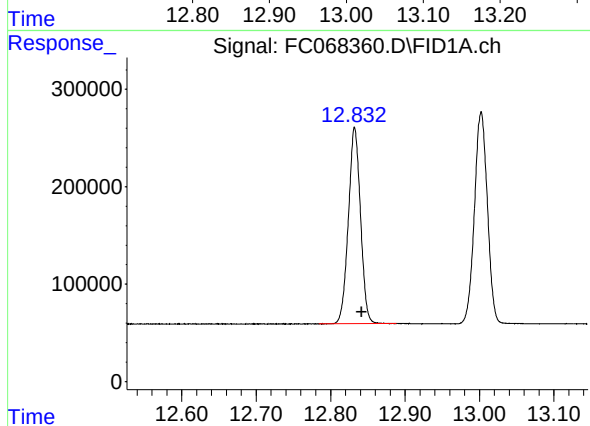
#10 n-Eicosane (C20)

R.T.: 12.392 min
Delta R.T.: -0.009 min
Response: 2685488
Conc: 20.61 ug/ml



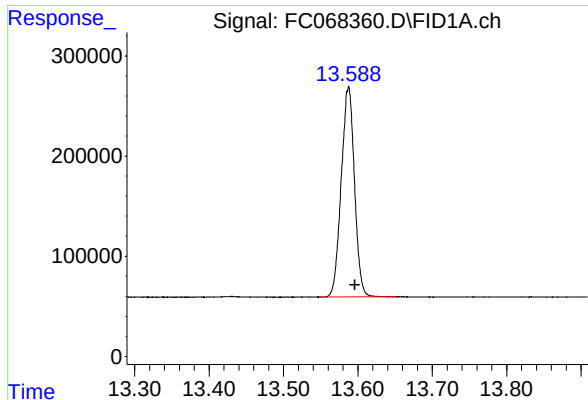
#11 n-Heneicosane (C21)

R.T.: 13.002 min
Delta R.T.: -0.009 min
Response: 2627366
Conc: 20.55 ug/ml



#12 1-chlorooctadecane (SURR)

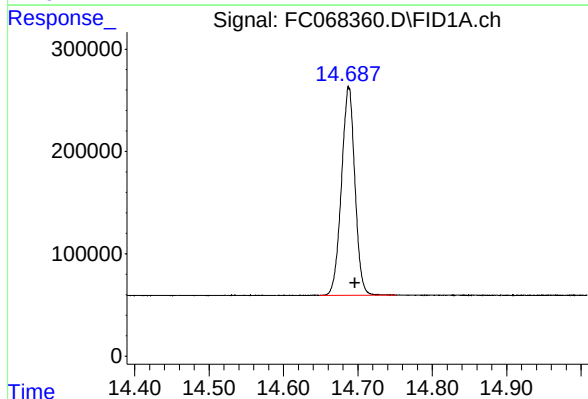
R.T.: 12.832 min
Delta R.T.: -0.009 min
Response: 2284737
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

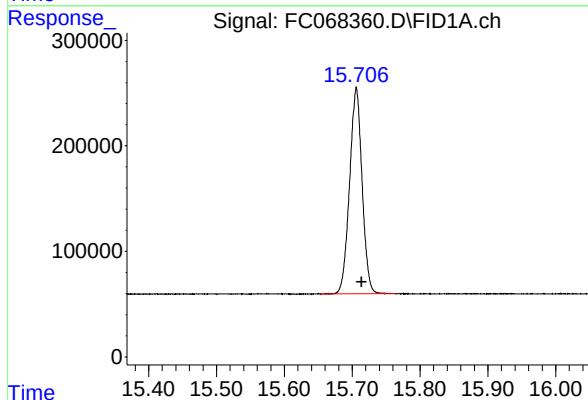
R.T.: 13.587 min
Delta R.T.: -0.009 min
Response: 2591946
Conc: 20.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



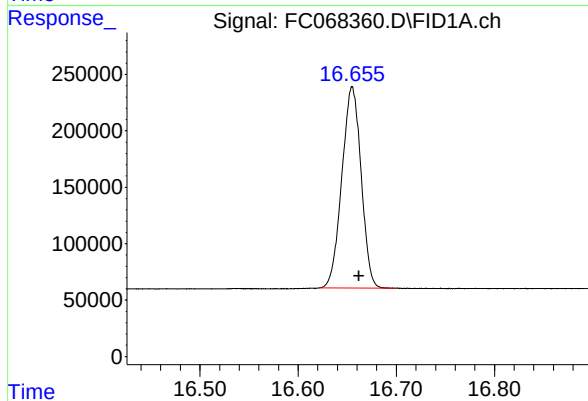
#14 n-Tetracosane (C24)

R.T.: 14.688 min
Delta R.T.: -0.008 min
Response: 2556131
Conc: 20.55 ug/ml



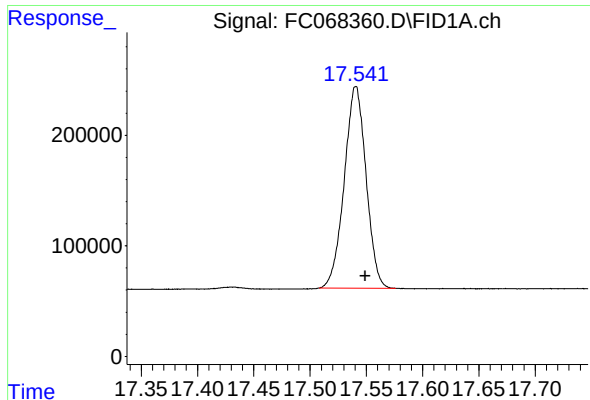
#15 n-Hexacosane (C26)

R.T.: 15.706 min
Delta R.T.: -0.008 min
Response: 2506672
Conc: 20.62 ug/ml



#16 n-Octacosane (C28)

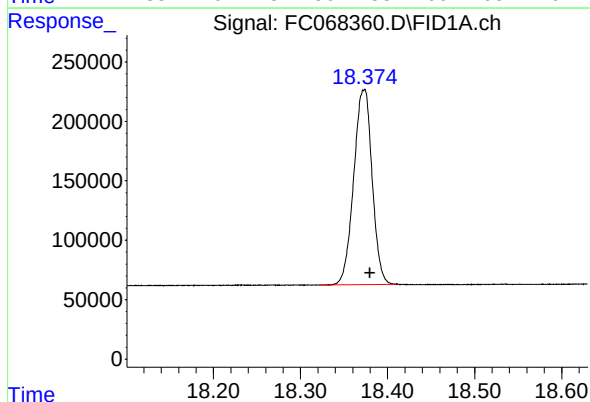
R.T.: 16.655 min
Delta R.T.: -0.007 min
Response: 2430418
Conc: 20.46 ug/ml



#17 n-Tricontane (C30)

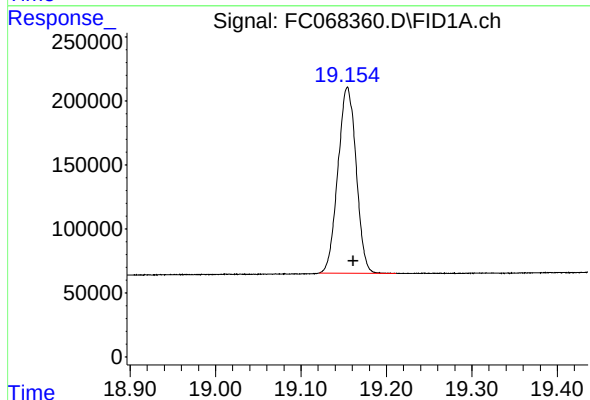
R.T.: 17.541 min
Delta R.T.: -0.008 min
Response: 2462926
Conc: 20.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



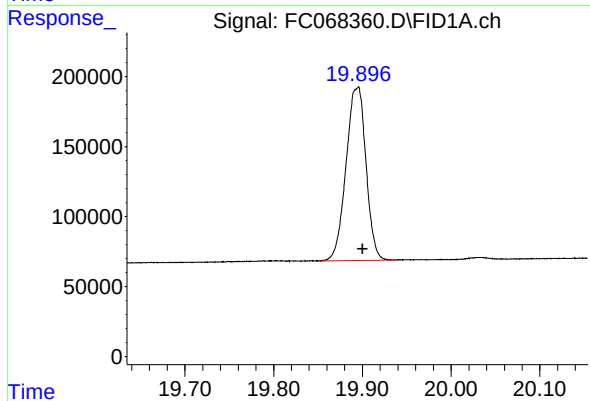
#18 n-Dotriacontane (C32)

R.T.: 18.373 min
Delta R.T.: -0.007 min
Response: 2407784
Conc: 20.74 ug/ml



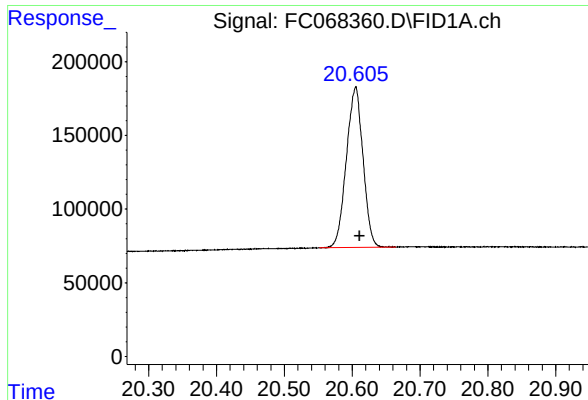
#19 n-Tetatriacontane (C34)

R.T.: 19.154 min
Delta R.T.: -0.007 min
Response: 2153790
Conc: 19.93 ug/ml



#20 n-Hexatriacontane (C36)

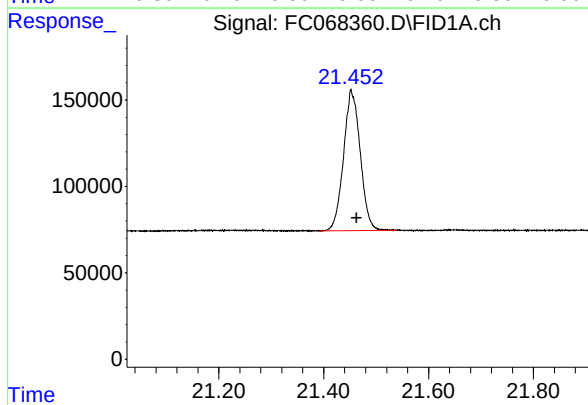
R.T.: 19.894 min
Delta R.T.: -0.006 min
Response: 1929438
Conc: 20.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.605 min
Delta R.T.: -0.006 min
Response: 1852757
Conc: 20.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.453 min
Delta R.T.: -0.009 min
Response: 1792097
Conc: 20.71 ug/ml