

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072123AL\
 Data File : FC064225.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jul 2023 03:06
 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: Jul 22 03:40:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 2023
 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)	11.516	3837268	19.763 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
12) S 1-chlorooctadecane (S...	12.951	2775817	19.951 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
Target Compounds			
1) T n-Nonane (C9)	3.305	3395023	19.036 ug/ml
2) T n-Decane (C10)	4.366	3454665	19.091 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3545247	19.006 ug/ml
4) T n-Dodecane (C12)	6.378	3457130	19.190 ug/ml
5) T A~2-methylnaphthalene...	7.000	3348421	19.026 ug/ml
6) T n-Tetradecane (C14)	8.168	3359565	19.421 ug/ml
7) T n-Hexadecane (C16)	9.765	3408472	19.622 ug/ml
8) T n-Octadecane (C18)	11.202	3426544	19.882 ug/ml
10) T n-Eicosane (C20)	12.508	3237099	19.829 ug/ml
11) T n-Heneicosane (C21)	13.118	3153216	19.680 ug/ml
13) T n-Docosane (C22)	13.702	3121746	19.866 ug/ml
14) T n-Tetracosane (C24)	14.801	3101426	19.676 ug/ml
15) T n-Hexacosane (C26)	15.819	3082018	20.399 ug/ml
16) T n-Octacosane (C28)	16.766	3133296	20.794 ug/ml
17) T n-Tricontane (C30)	17.649	3488171	22.342 ug/ml
18) T n-Dotriacontane (C32)	18.480	3773487	23.886 ug/ml
19) T n-Tetratriacontane (C34)	19.261	3534453	22.969 ug/ml
20) T n-Hexatriacontane (C36)	19.997	3307523	22.403 ug/ml
21) T n-Octatriacontane (C38)	20.721	3149938	21.265 ug/ml
22) T n-Tetracontane (C40)	21.606	3096473	21.244 ug/ml

(f)=RT Delta > 1/2 Window

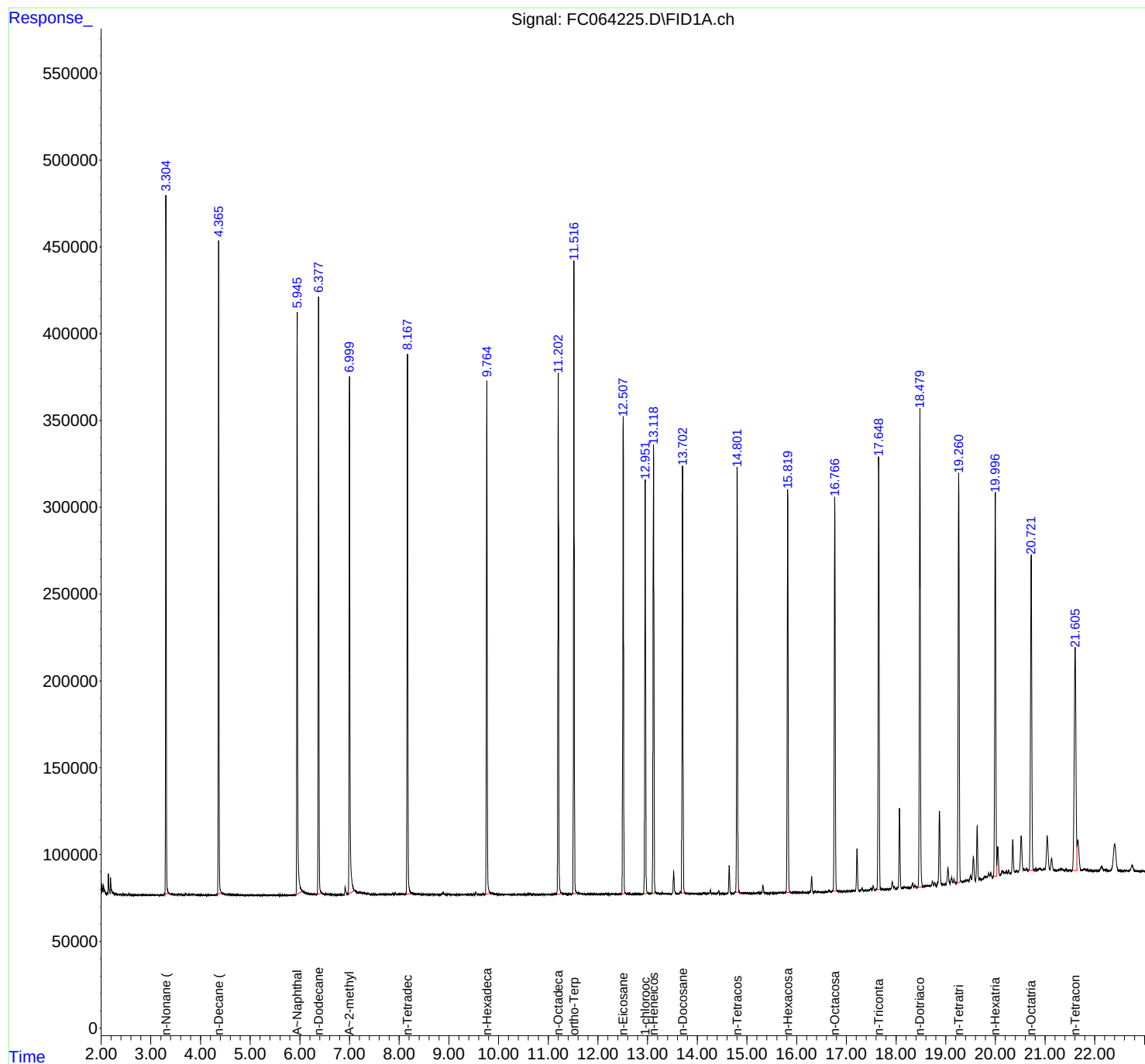
(m)=manual int.

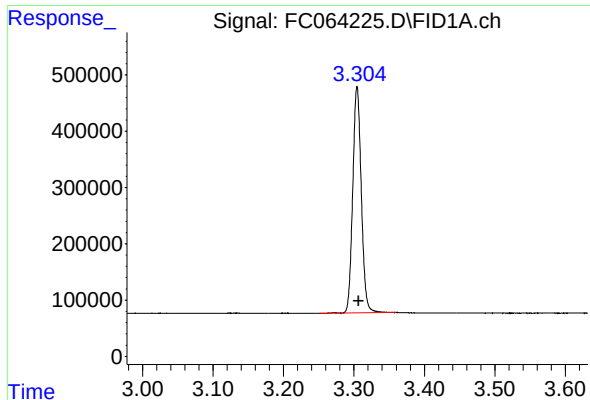
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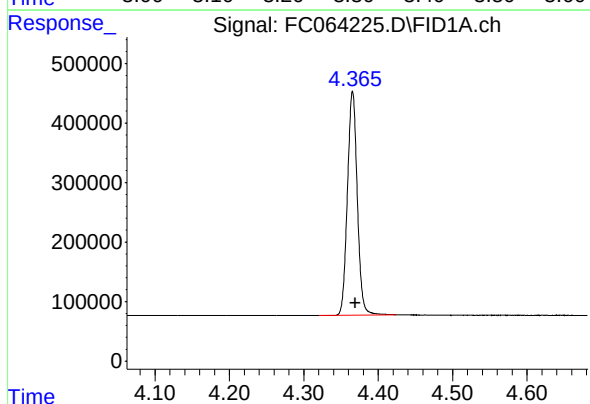




#1 n-Nonane (C9)

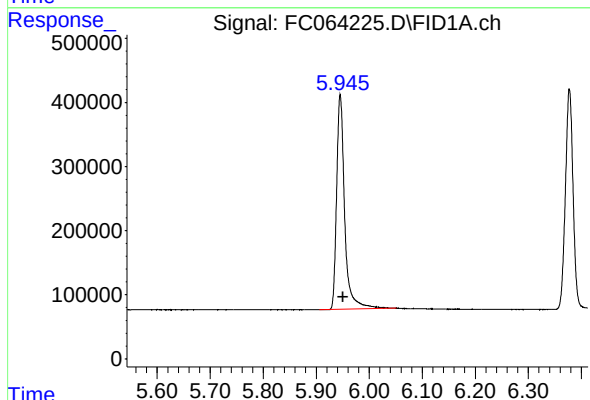
R.T.: 3.305 min
Delta R.T.: -0.002 min
Response: 3395023
Conc: 19.04 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



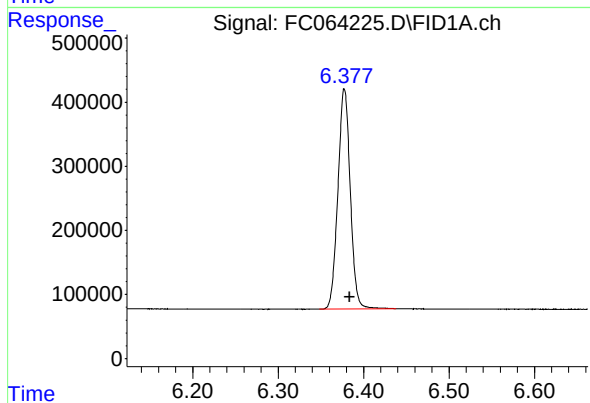
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 3454665
Conc: 19.09 ug/ml



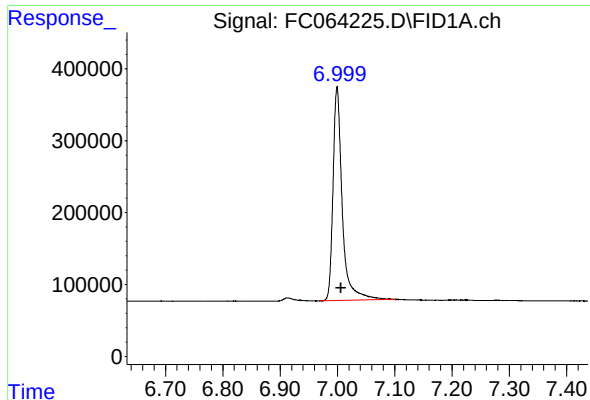
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.005 min
Response: 3545247
Conc: 19.01 ug/ml



#4 n-Dodecane (C12)

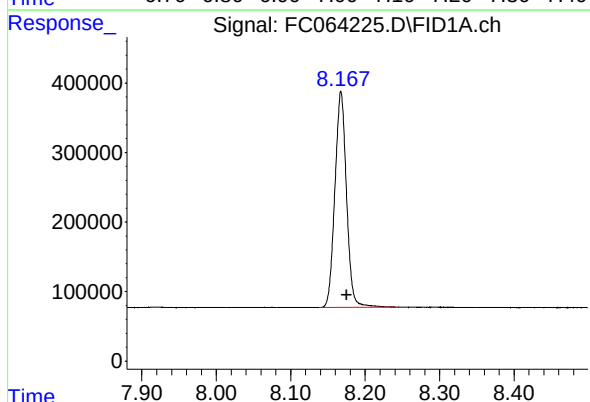
R.T.: 6.378 min
Delta R.T.: -0.006 min
Response: 3457130
Conc: 19.19 ug/ml



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

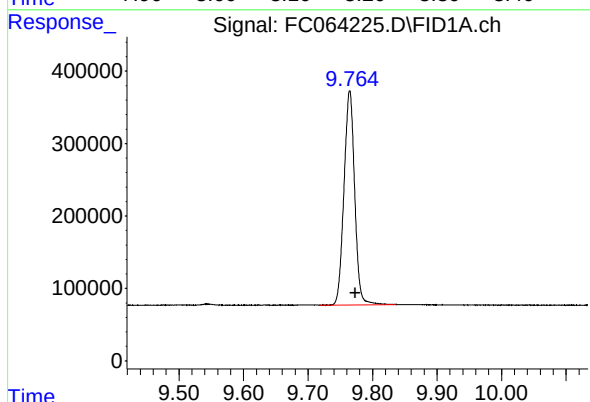
R.T.: 7.000 min
Delta R.T.: -0.006 min
Response: 3348421
Conc: 19.03 ug/ml

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20 PPM ALIPHATIC HC STD



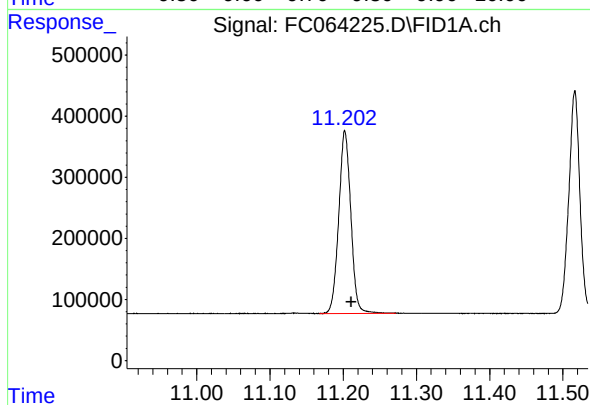
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.008 min
Response: 3359565
Conc: 19.42 ug/ml



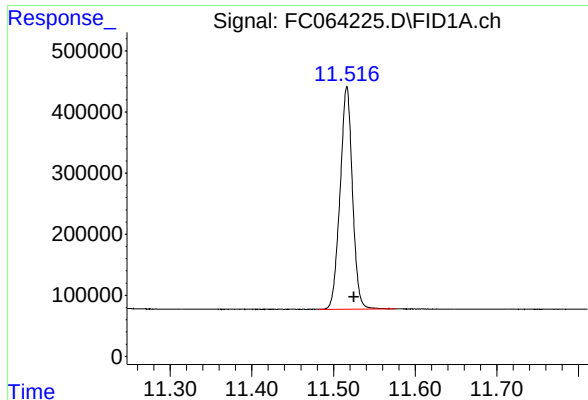
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: -0.009 min
Response: 3408472
Conc: 19.62 ug/ml



#8 n-Octadecane (C18)

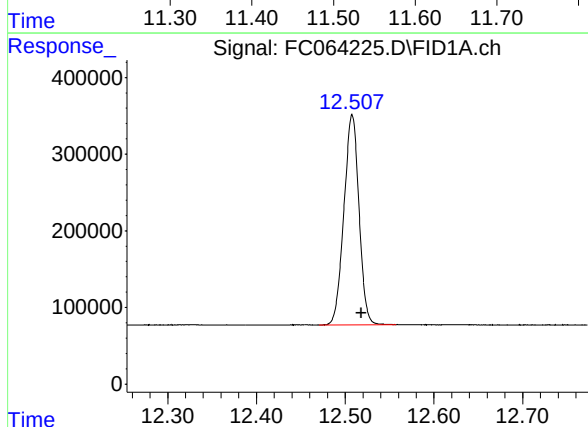
R.T.: 11.202 min
Delta R.T.: -0.009 min
Response: 3426544
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

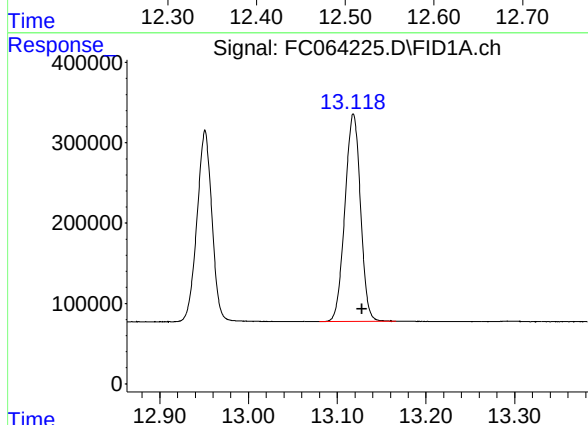
R.T.: 11.516 min
Delta R.T.: -0.009 min
Response: 3837268
Conc: 19.76 ug/ml

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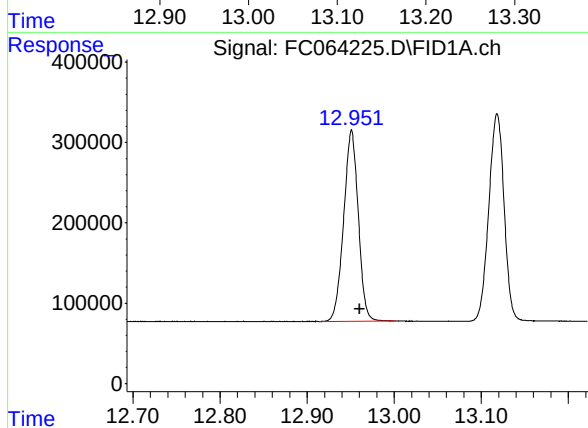
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: -0.010 min
Response: 3237099
Conc: 19.83 ug/ml



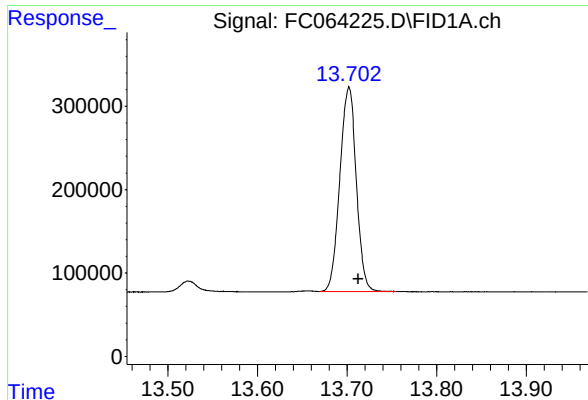
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: -0.010 min
Response: 3153216
Conc: 19.68 ug/ml



#12 1-chlorooctadecane (SURR)

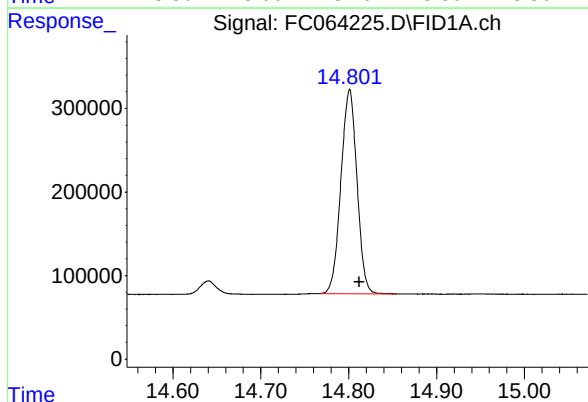
R.T.: 12.951 min
Delta R.T.: -0.009 min
Response: 2775817
Conc: 19.95 ug/ml



#13 n-Docosane (C22)

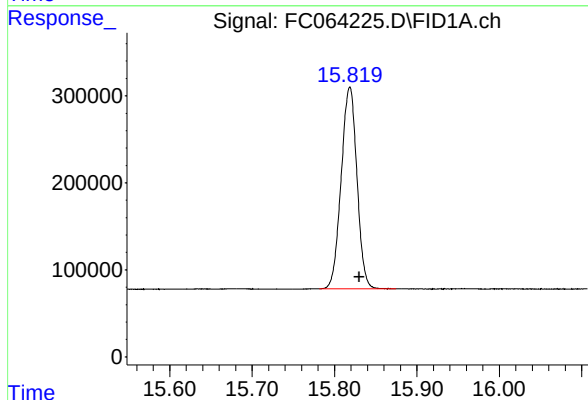
R.T.: 13.702 min
Delta R.T.: -0.010 min
Response: 3121746
Conc: 19.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



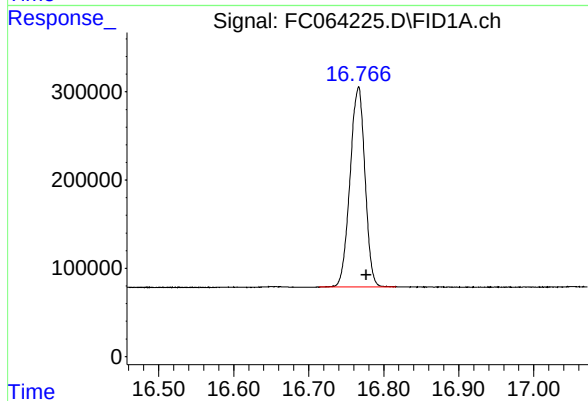
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: -0.011 min
Response: 3101426
Conc: 19.68 ug/ml



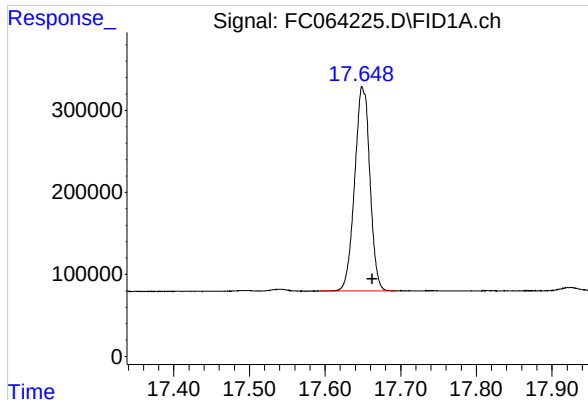
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.012 min
Response: 3082018
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

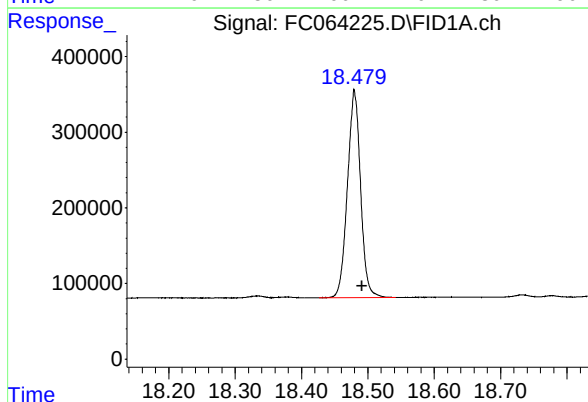
R.T.: 16.766 min
Delta R.T.: -0.010 min
Response: 3133296
Conc: 20.79 ug/ml



#17 n-Tricontane (C30)

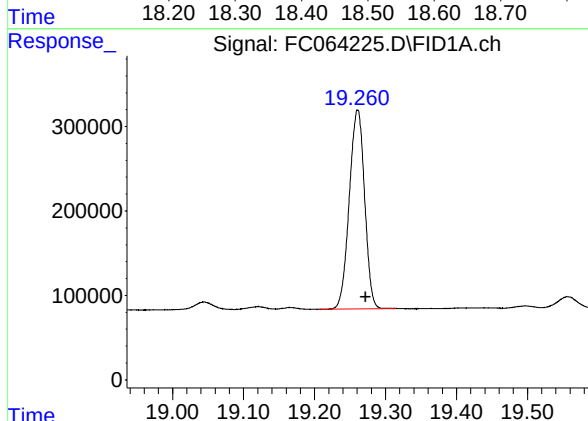
R.T.: 17.649 min
Delta R.T.: -0.013 min
Response: 3488171
Conc: 22.34 ug/ml

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20 PPM ALIPHATIC HC STD



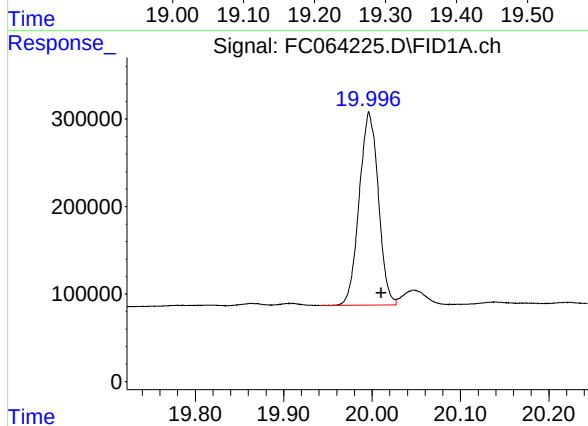
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: -0.011 min
Response: 3773487
Conc: 23.89 ug/ml



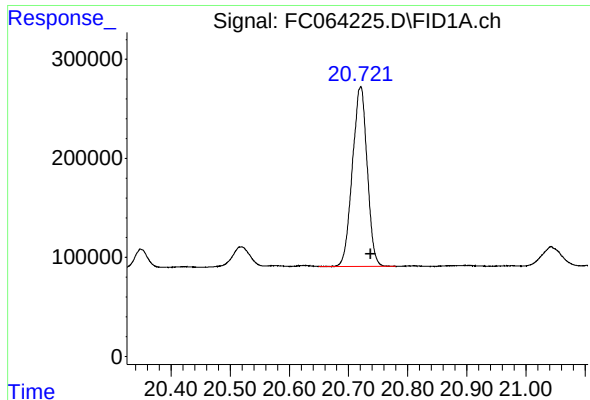
#19 n-Tetatriacontane (C34)

R.T.: 19.261 min
Delta R.T.: -0.011 min
Response: 3534453
Conc: 22.97 ug/ml



#20 n-Hexatriacontane (C36)

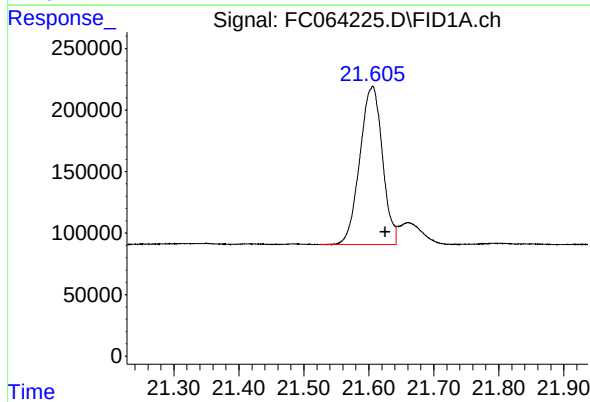
R.T.: 19.997 min
Delta R.T.: -0.014 min
Response: 3307523
Conc: 22.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.721 min
Delta R.T.: -0.017 min
Response: 3149938
Conc: 21.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: -0.019 min
Response: 3096473
Conc: 21.24 ug/ml