

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071923AL\
 Data File : FC064164.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2023 14:02
 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 20 03:22:53 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)	11.515	3926284	20.222 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
12) S 1-chlorooctadecane (S...	12.950	2834709	20.374 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
Target Compounds			
1) T n-Nonane (C9)	3.304	3513643	19.701 ug/ml
2) T n-Decane (C10)	4.365	3580151	19.785 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3704523	19.860 ug/ml
4) T n-Dodecane (C12)	6.377	3568560	19.809 ug/ml
5) T A~2-methylnaphthalene...	6.999	3512085	19.956 ug/ml
6) T n-Tetradecane (C14)	8.168	3468529	20.051 ug/ml
7) T n-Hexadecane (C16)	9.764	3511705	20.216 ug/ml
8) T n-Octadecane (C18)	11.202	3505674	20.341 ug/ml
10) T n-Eicosane (C20)	12.508	3302276	20.229 ug/ml
11) T n-Heneicosane (C21)	13.116	3254713	20.314 ug/ml
13) T n-Docosane (C22)	13.702	3162385	20.125 ug/ml
14) T n-Tetracosane (C24)	14.800	3112359	19.746 ug/ml
15) T n-Hexacosane (C26)	15.818	3047637	20.172 ug/ml
16) T n-Octacosane (C28)	16.766	3021307	20.051 ug/ml
17) T n-Tricontane (C30)	17.649	3186028	20.407 ug/ml
18) T n-Dotriacontane (C32)	18.480	3220726	20.387 ug/ml
19) T n-Tetratriacontane (C34)	19.260	3141936	20.418 ug/ml
20) T n-Hexatriacontane (C36)	19.998	3024435	20.485 ug/ml
21) T n-Octatriacontane (C38)	20.717	2994661	20.217 ug/ml
22) T n-Tetracontane (C40)	21.602	2950451	20.242 ug/ml

(f)=RT Delta > 1/2 Window

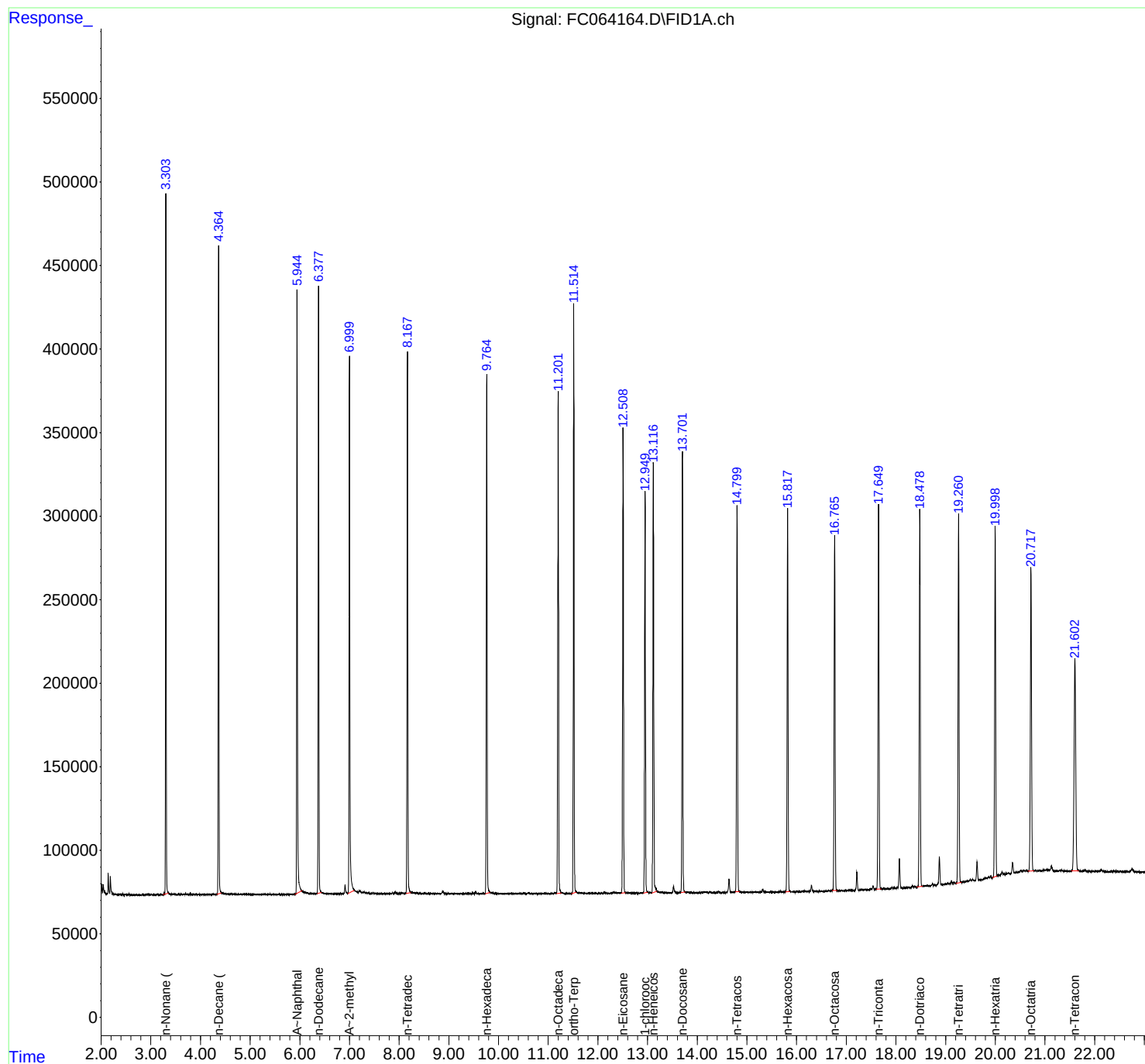
(m)=manual int.

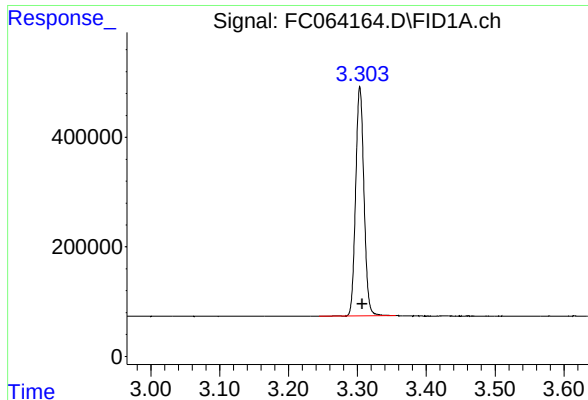
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071923AL\
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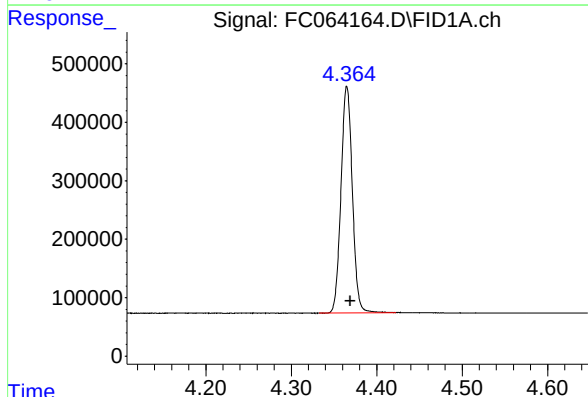




#1 n-Nonane (C9)

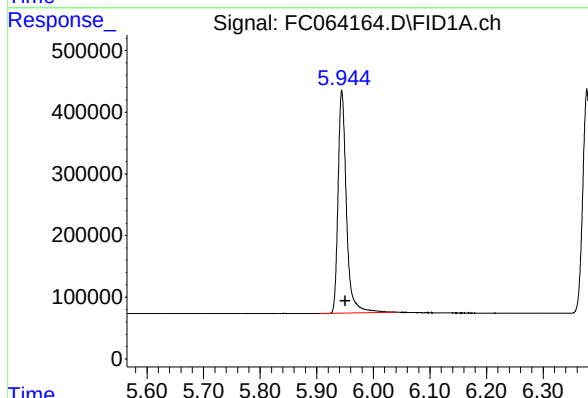
R.T.: 3.304 min
Delta R.T.: -0.003 min
Response: 3513643
Conc: 19.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



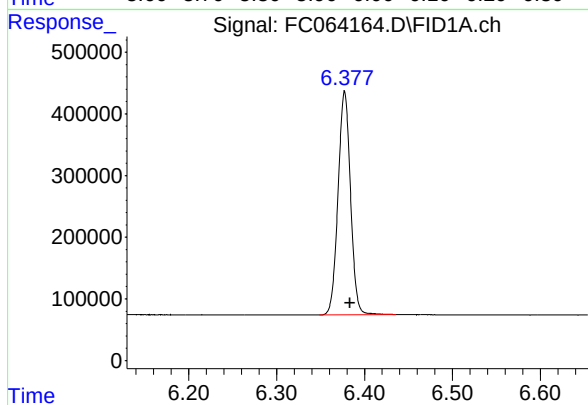
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3580151
Conc: 19.78 ug/ml



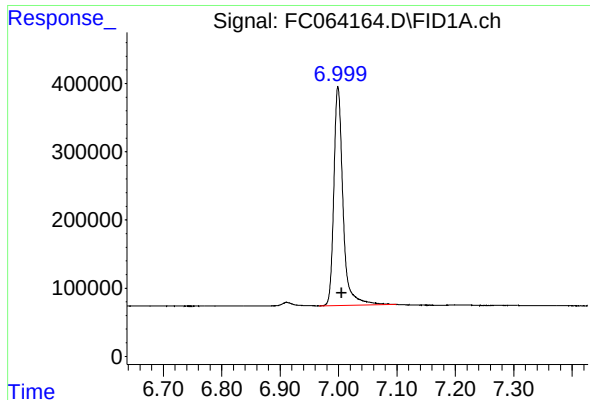
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.006 min
Response: 3704523
Conc: 19.86 ug/ml



#4 n-Dodecane (C12)

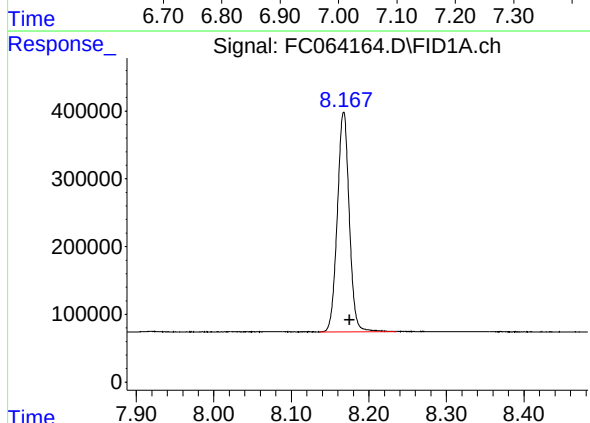
R.T.: 6.377 min
Delta R.T.: -0.006 min
Response: 3568560
Conc: 19.81 ug/ml



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

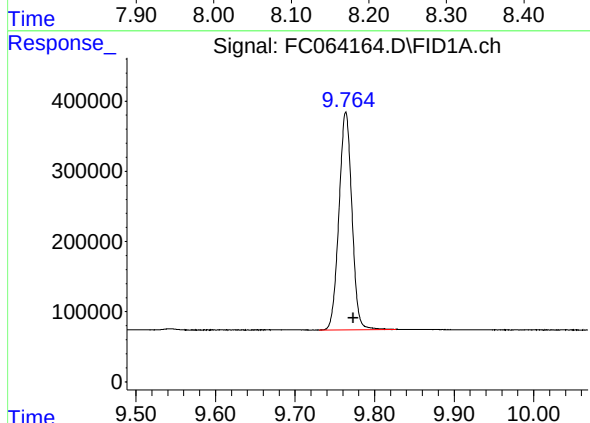
R.T.: 6.999 min
Delta R.T.: -0.007 min
Response: 3512085
Conc: 19.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



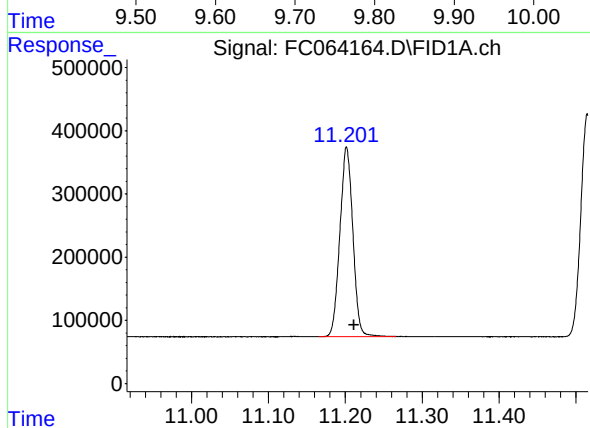
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.008 min
Response: 3468529
Conc: 20.05 ug/ml



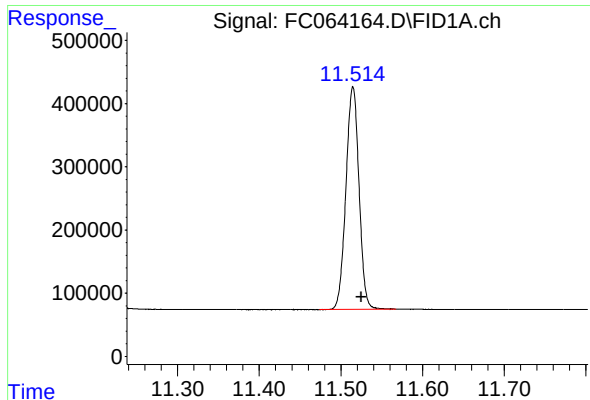
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.009 min
Response: 3511705
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

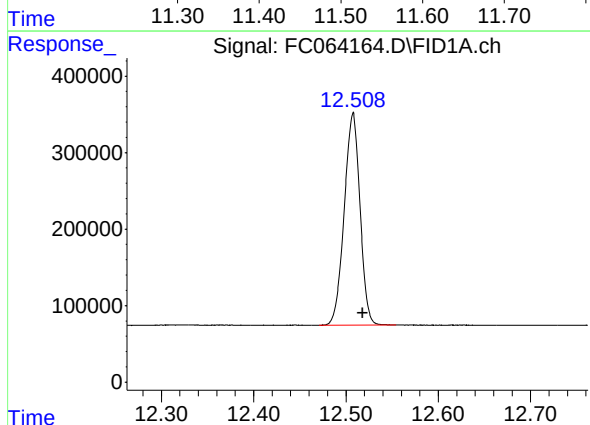
R.T.: 11.202 min
Delta R.T.: -0.009 min
Response: 3505674
Conc: 20.34 ug/ml



#9 ortho-Terphenyl (SURR)

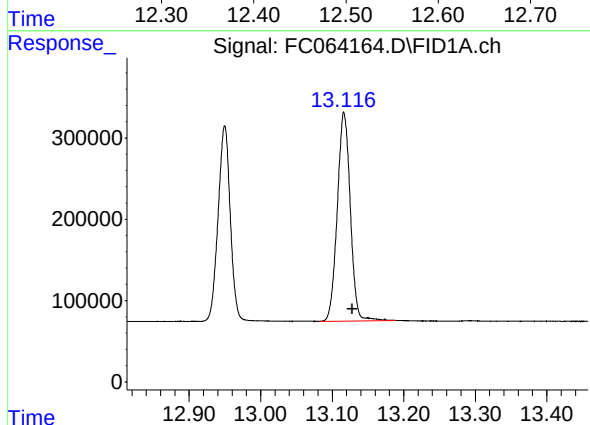
R.T.: 11.515 min
Delta R.T.: -0.010 min
Response: 3926284
Conc: 20.22 ug/ml

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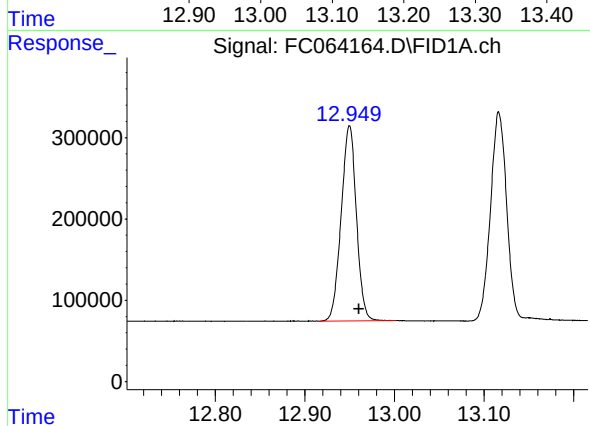
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: -0.010 min
Response: 3302276
Conc: 20.23 ug/ml



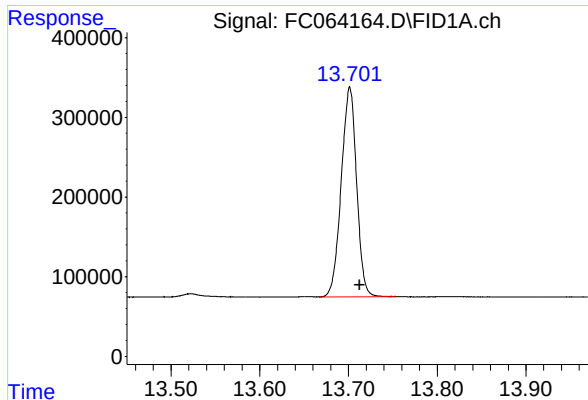
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: -0.012 min
Response: 3254713
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

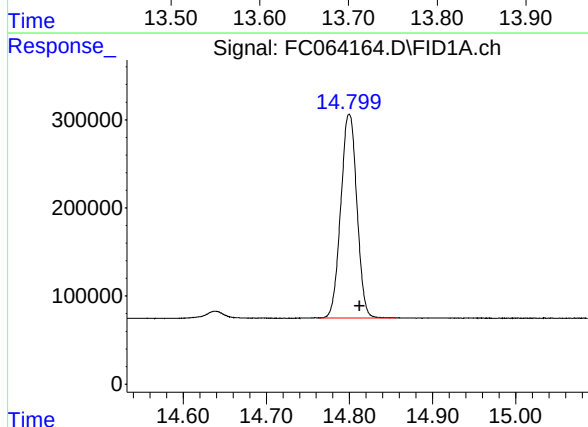
R.T.: 12.950 min
Delta R.T.: -0.011 min
Response: 2834709
Conc: 20.37 ug/ml



#13 n-Docosane (C22)

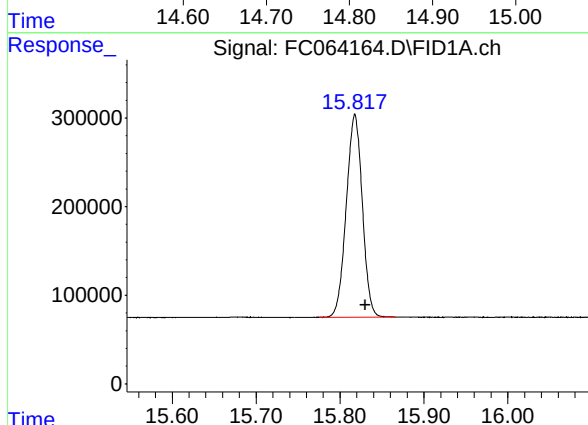
R.T.: 13.702 min
Delta R.T.: -0.011 min
Response: 3162385
Conc: 20.13 ug/ml

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20 PPM ALIPHATIC HC STD



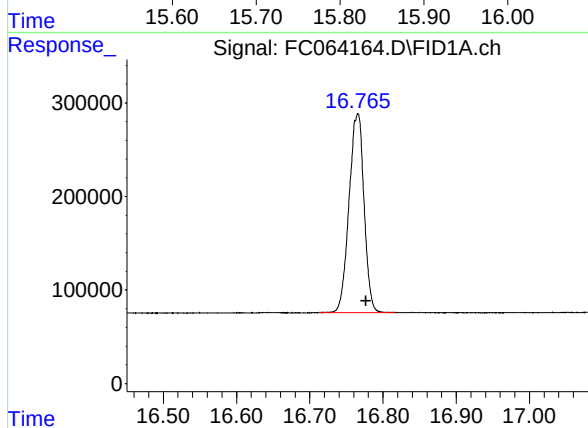
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: -0.012 min
Response: 3112359
Conc: 19.75 ug/ml



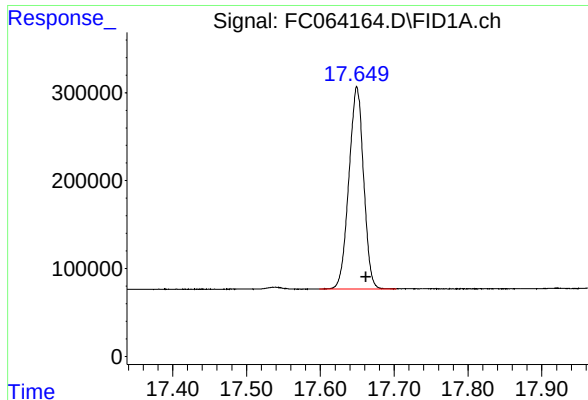
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: -0.012 min
Response: 3047637
Conc: 20.17 ug/ml



#16 n-Octacosane (C28)

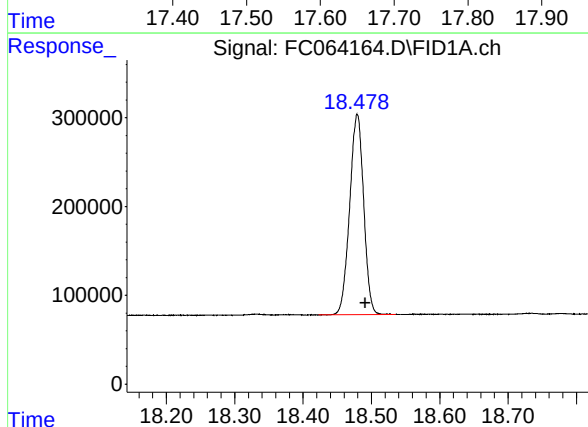
R.T.: 16.766 min
Delta R.T.: -0.011 min
Response: 3021307
Conc: 20.05 ug/ml



#17 n-Tricontane (C30)

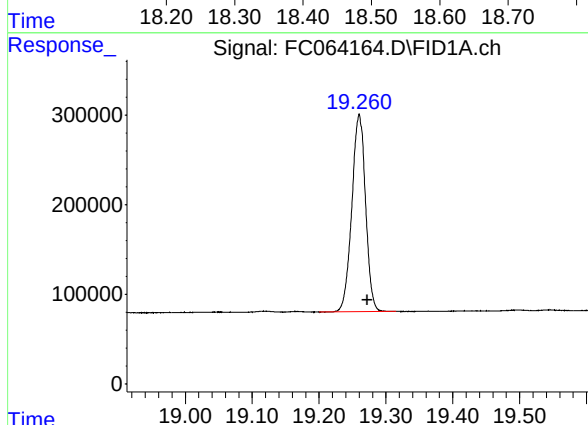
R.T.: 17.649 min
Delta R.T.: -0.013 min
Response: 3186028
Conc: 20.41 ug/ml

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20 PPM ALIPHATIC HC STD



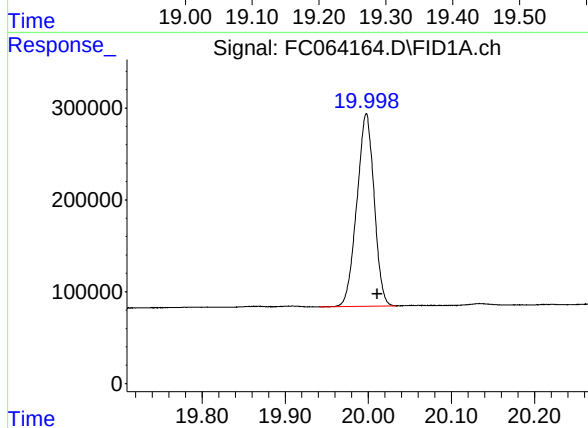
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: -0.011 min
Response: 3220726
Conc: 20.39 ug/ml



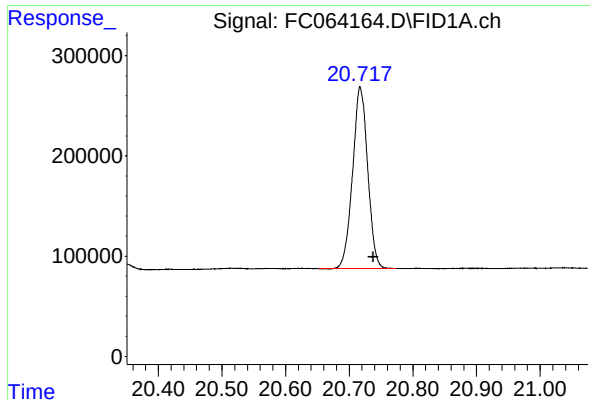
#19 n-Tetatriacontane (C34)

R.T.: 19.260 min
Delta R.T.: -0.012 min
Response: 3141936
Conc: 20.42 ug/ml



#20 n-Hexatriacontane (C36)

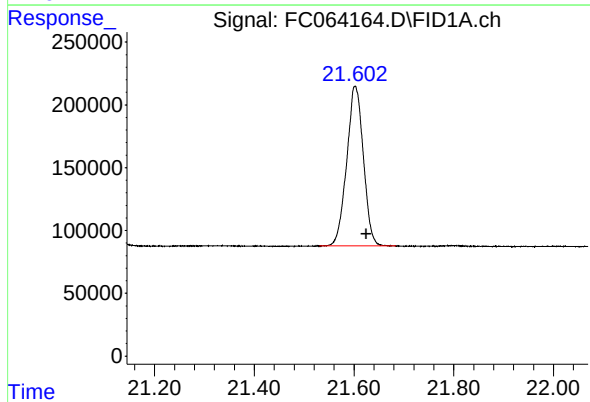
R.T.: 19.998 min
Delta R.T.: -0.013 min
Response: 3024435
Conc: 20.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: -0.020 min
Response: 2994661
Conc: 20.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: -0.023 min
Response: 2950451
Conc: 20.24 ug/ml