

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081123AL\
 Data File : FC064358.D
 Signal(s) : FID1A.ch
 Acq On : 11 Aug 2023 18:46
 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 12 01:20:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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)	11.514	3965019	22.225 ug/ml
Spiked Amount 50.000		Recovery =	44.45%
12) S 1-chlorooctadecane (S...	12.947	2839917	22.519 ug/ml
Spiked Amount 50.000		Recovery =	45.04%
Target Compounds			
1) T n-Nonane (C9)	3.309	3361937	20.720 ug/ml
2) T n-Decane (C10)	4.367	3389255	20.727 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3510955	21.633 ug/ml
4) T n-Dodecane (C12)	6.378	3450463	21.136 ug/ml
5) T A~2-methylnaphthalene...	7.002	3357173	22.033 ug/ml
6) T n-Tetradecane (C14)	8.167	3339711	21.271 ug/ml
7) T n-Hexadecane (C16)	9.762	3381578	21.506 ug/ml
8) T n-Octadecane (C18)	11.200	3427920	21.636 ug/ml
10) T n-Eicosane (C20)	12.505	3261040	21.851 ug/ml
11) T n-Heneicosane (C21)	13.115	3191736	21.869 ug/ml
13) T n-Docosane (C22)	13.698	3136283	21.974 ug/ml
14) T n-Tetracosane (C24)	14.797	3075869	21.898 ug/ml
15) T n-Hexacosane (C26)	15.813	2979171	21.695 ug/ml
16) T n-Octacosane (C28)	16.759	2858912	21.320 ug/ml
17) T n-Tricontane (C30)	17.643	2840745	20.466 ug/ml
18) T n-Dotriacontane (C32)	18.474	2737108	19.451 ug/ml
19) T n-Tetratriacontane (C34)	19.254	2602447	18.744 ug/ml
20) T n-Hexatriacontane (C36)	19.989	2448454	18.045 ug/ml
21) T n-Octatriacontane (C38)	20.710	2382975	17.569 ug/ml
22) T n-Tetracontane (C40)	21.593	2311892	17.211 ug/ml

(f)=RT Delta > 1/2 Window

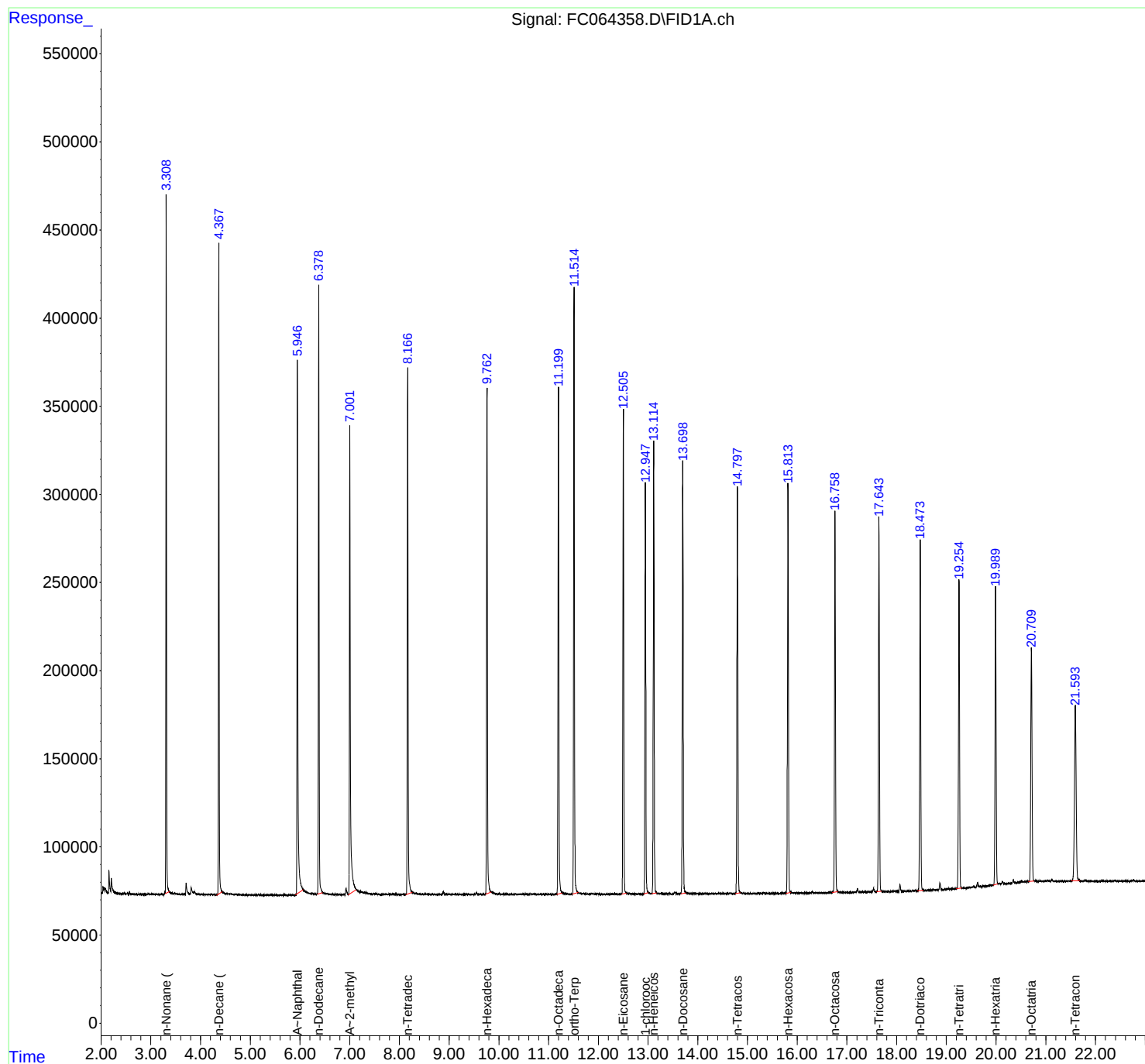
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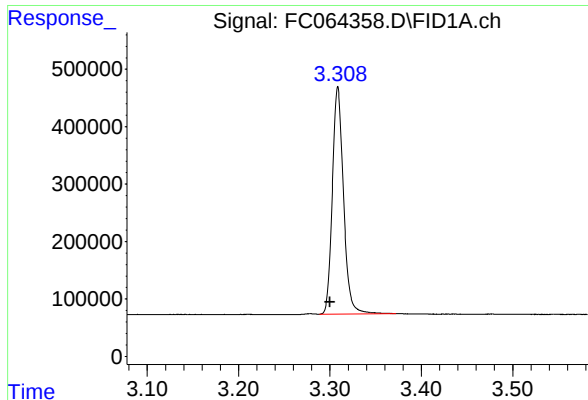
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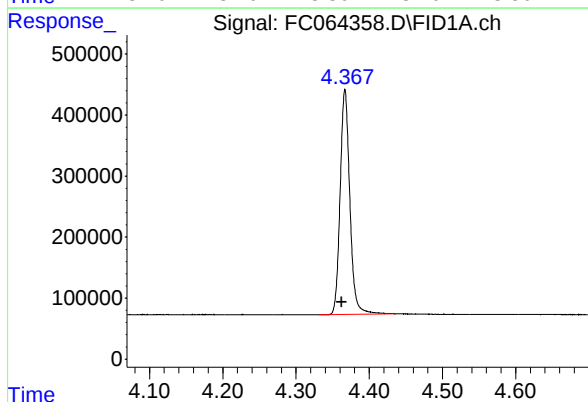




#1 n-Nonane (C9)

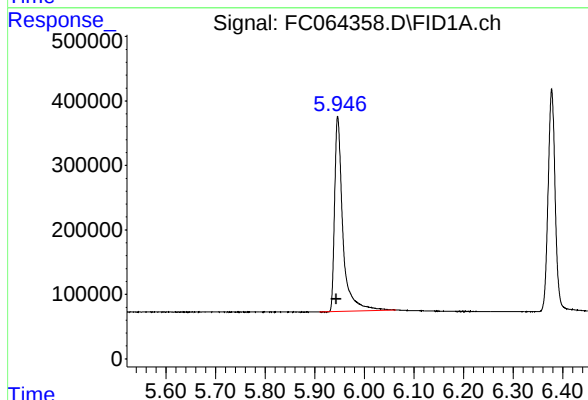
R.T.: 3.309 min
Delta R.T.: 0.009 min
Response: 3361937
Conc: 20.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



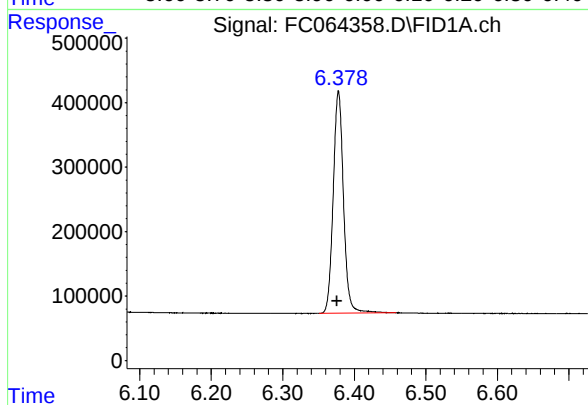
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.004 min
Response: 3389255
Conc: 20.73 ug/ml



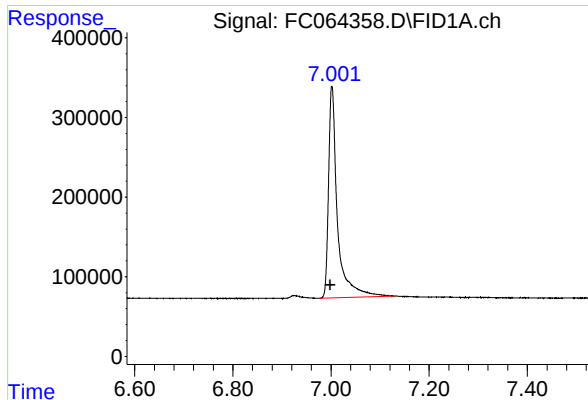
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: 0.003 min
Response: 3510955
Conc: 21.63 ug/ml



#4 n-Dodecane (C12)

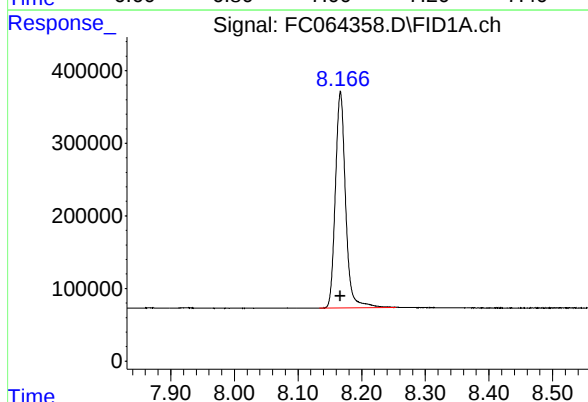
R.T.: 6.378 min
Delta R.T.: 0.002 min
Response: 3450463
Conc: 21.14 ug/ml



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

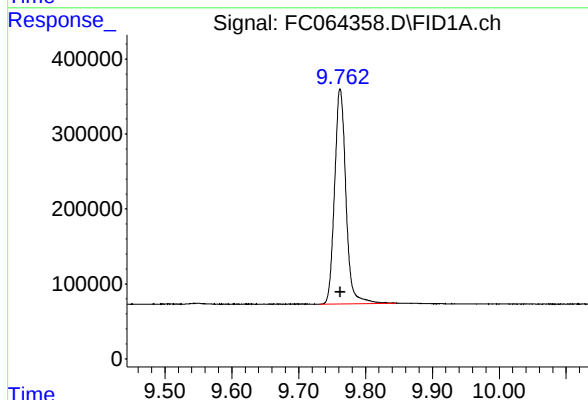
R.T.: 7.002 min
Delta R.T.: 0.004 min
Response: 3357173
Conc: 22.03 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



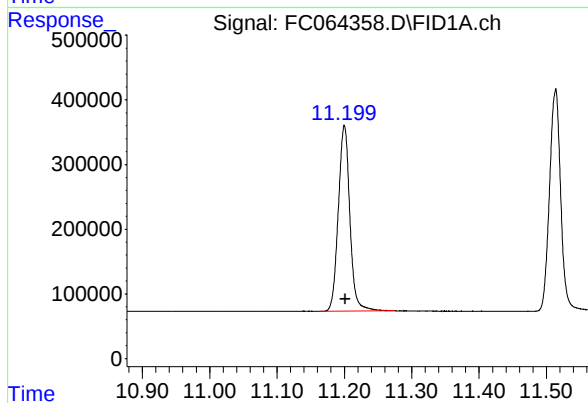
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 3339711
Conc: 21.27 ug/ml



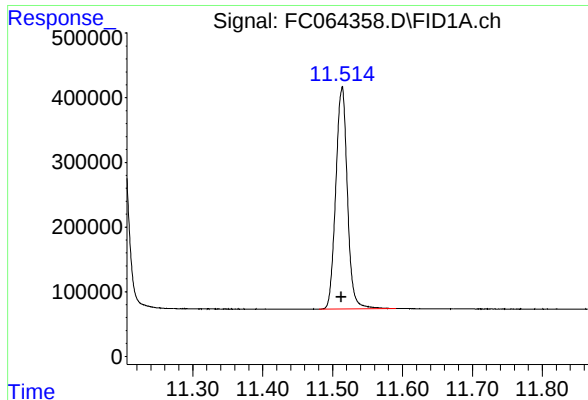
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: 0.000 min
Response: 3381578
Conc: 21.51 ug/ml



#8 n-Octadecane (C18)

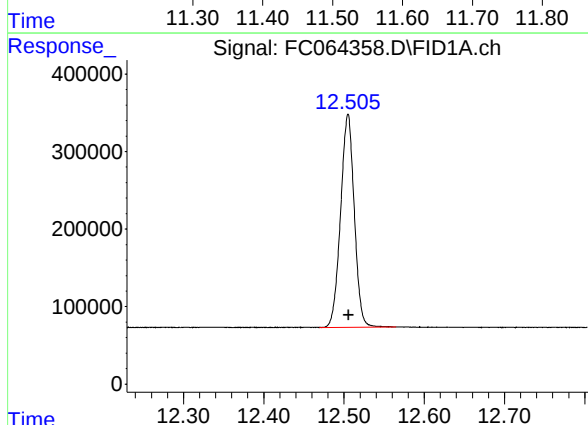
R.T.: 11.200 min
Delta R.T.: -0.002 min
Response: 3427920
Conc: 21.64 ug/ml



#9 ortho-Terphenyl (SURR)

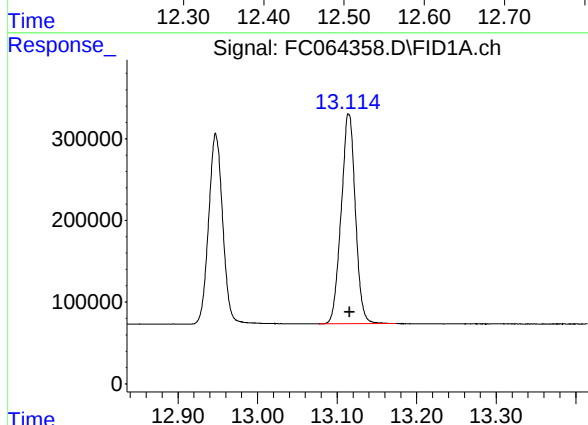
R.T.: 11.514 min
Delta R.T.: 0.000 min
Response: 3965019
Conc: 22.22 ug/ml

Instrument :
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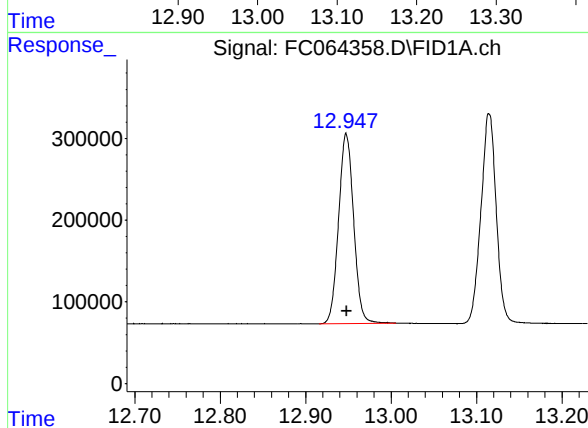
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 3261040
Conc: 21.85 ug/ml



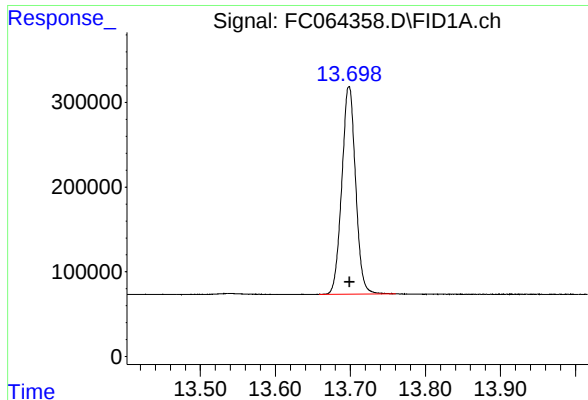
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: -0.001 min
Response: 3191736
Conc: 21.87 ug/ml



#12 1-chlorooctadecane (SURR)

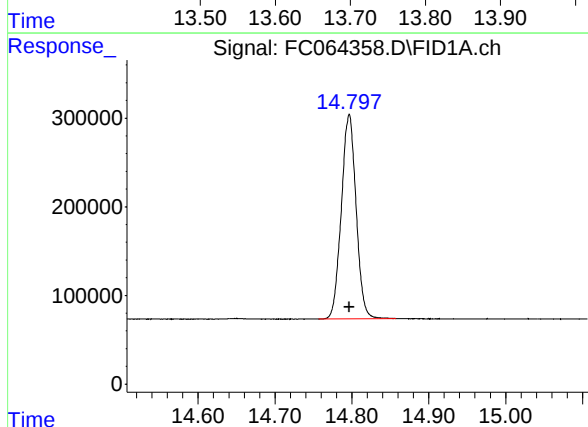
R.T.: 12.947 min
Delta R.T.: 0.000 min
Response: 2839917
Conc: 22.52 ug/ml



#13 n-Docosane (C22)

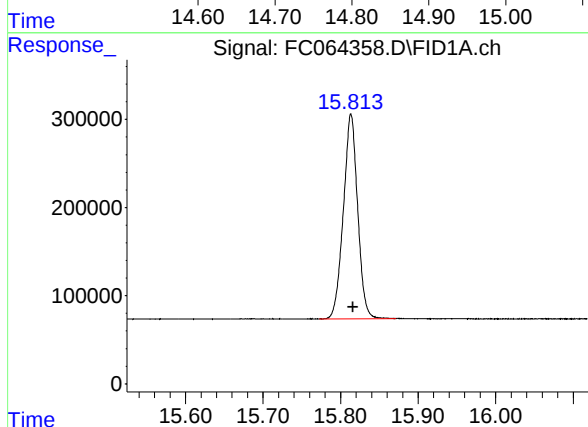
R.T.: 13.698 min
Delta R.T.: -0.001 min
Response: 3136283
Conc: 21.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



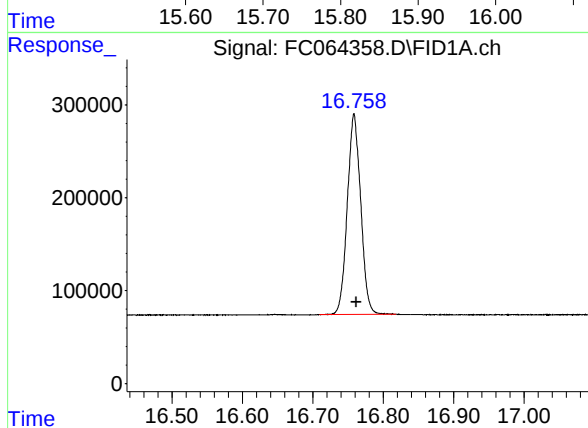
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.000 min
Response: 3075869
Conc: 21.90 ug/ml



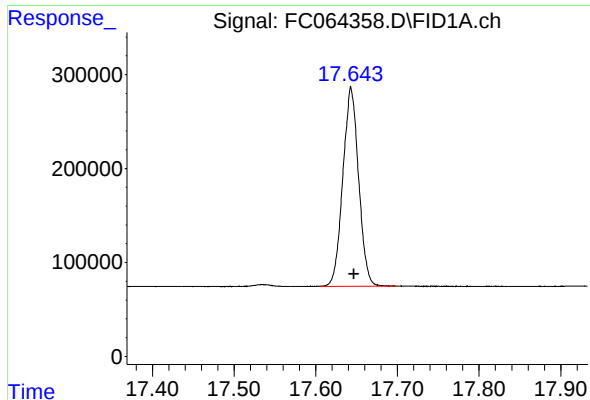
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: -0.002 min
Response: 2979171
Conc: 21.70 ug/ml



#16 n-Octacosane (C28)

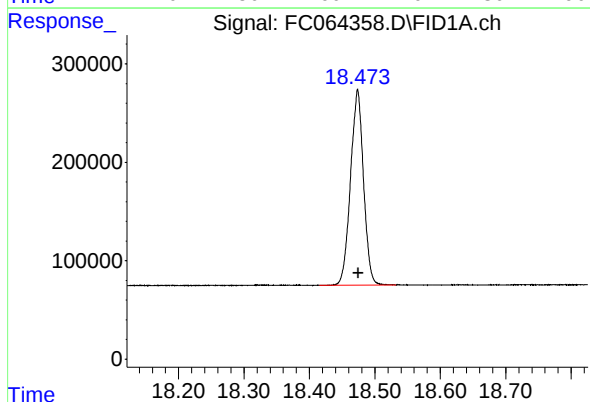
R.T.: 16.759 min
Delta R.T.: -0.003 min
Response: 2858912
Conc: 21.32 ug/ml



#17 n-Tricontane (C30)

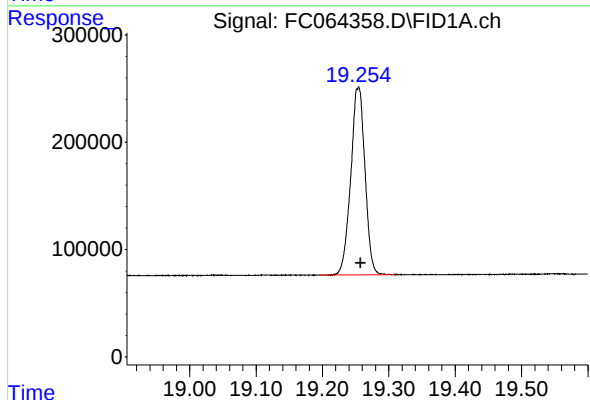
R.T.: 17.643 min
Delta R.T.: -0.004 min
Response: 2840745
Conc: 20.47 ug/ml

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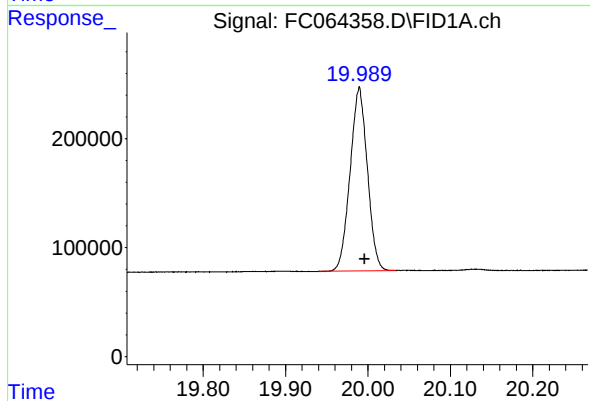
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: -0.001 min
Response: 2737108
Conc: 19.45 ug/ml



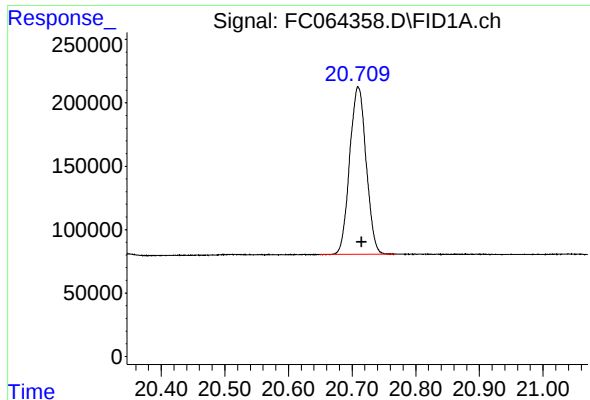
#19 n-Tetatriacontane (C34)

R.T.: 19.254 min
Delta R.T.: -0.004 min
Response: 2602447
Conc: 18.74 ug/ml



#20 n-Hexatriacontane (C36)

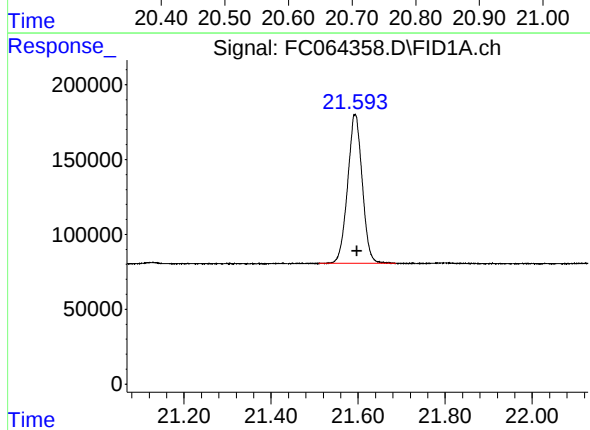
R.T.: 19.989 min
Delta R.T.: -0.006 min
Response: 2448454
Conc: 18.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: -0.005 min
Response: 2382975
Conc: 17.57 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: -0.004 min
Response: 2311892
Conc: 17.21 ug/ml