

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071823AL\
 Data File : FC064156.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2023 07:35
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Ankita Jodhani 07/19/2023

Integration File: autoint1.e
 Quant Time: Jul 19 08:06:20 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	3969379	20.444 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
12) S 1-chlorooctadecane (S...	12.951	2868254	20.616 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
Target Compounds			
1) T n-Nonane (C9)	3.302	3595571	20.160 ug/ml
2) T n-Decane (C10)	4.364	3646366	20.151 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3735388	20.026 ug/ml
4) T n-Dodecane (C12)	6.377	3626337	20.130 ug/ml
5) T A~2-methylnaphthalene...	6.999	3548898	20.165 ug/ml
6) T n-Tetradecane (C14)	8.168	3516897	20.330 ug/ml
7) T n-Hexadecane (C16)	9.765	3550071	20.437 ug/ml
8) T n-Octadecane (C18)	11.204	3543039	20.558 ug/ml
10) T n-Eicosane (C20)	12.508	3344008	20.484 ug/ml
11) T n-Heneicosane (C21)	13.118	3255180	20.317 ug/ml
13) T n-Docosane (C22)	13.702	3206933	20.409 ug/ml
14) T n-Tetracosane (C24)	14.802	3158218	20.037 ug/ml
15) T n-Hexacosane (C26)	15.819	3086865	20.431 ug/ml
16) T n-Octacosane (C28)	16.765	3051108	20.249 ug/ml
17) T n-Tricontane (C30)	17.650	3191036	20.439 ug/ml
18) T n-Dotriacontane (C32)	18.480	3218519	20.373 ug/ml
19) T n-Tetratriacontane (C34)	19.260	3143949	20.431 ug/ml
20) T n-Hexatriacontane (C36)	19.997	3042105	20.605 ug/mlm
21) T n-Octatriacontane (C38)	20.718	3028628	20.446 ug/ml
22) T n-Tetracontane (C40)	21.604	3020221	20.721 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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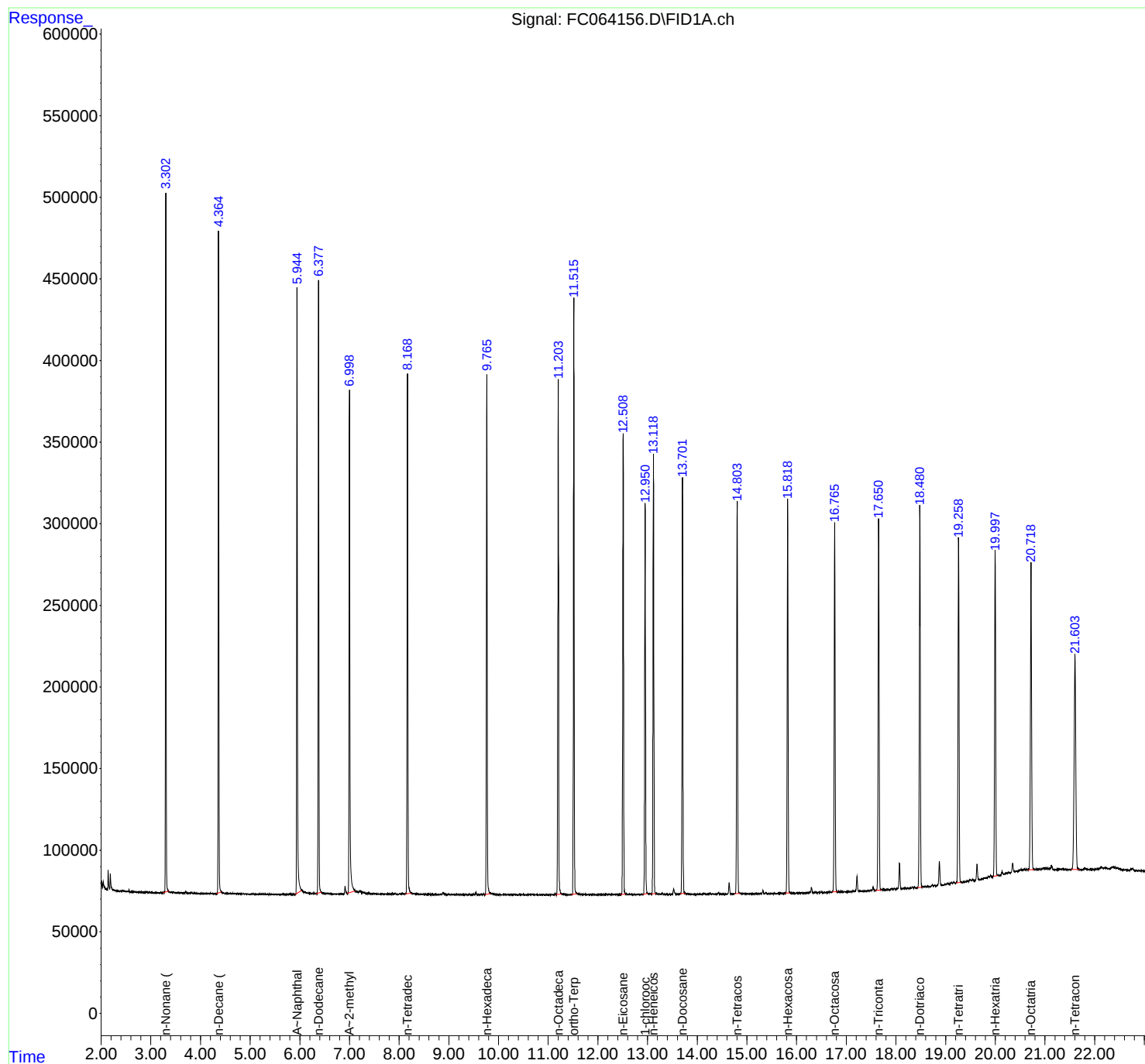
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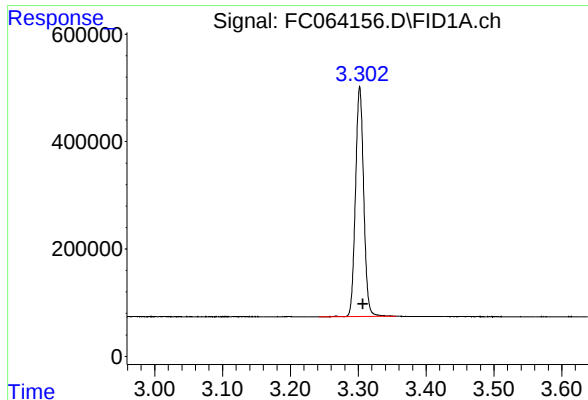
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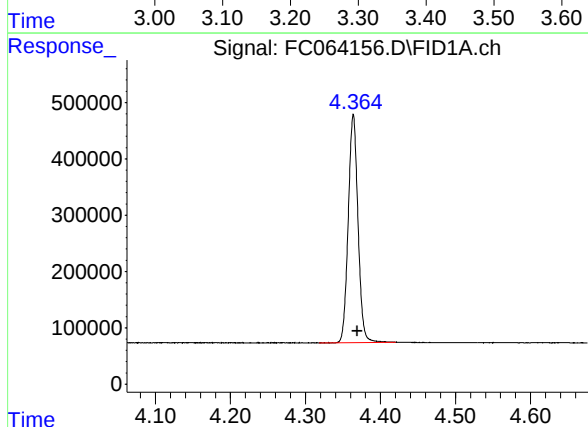
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.005 min
Response: 3595571
Conc: 20.16 ug/ml

Instrument :
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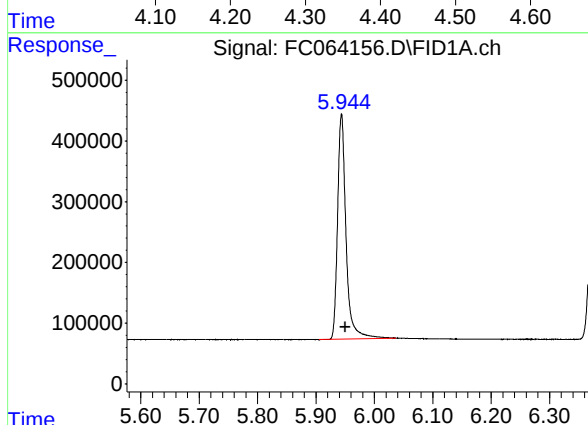
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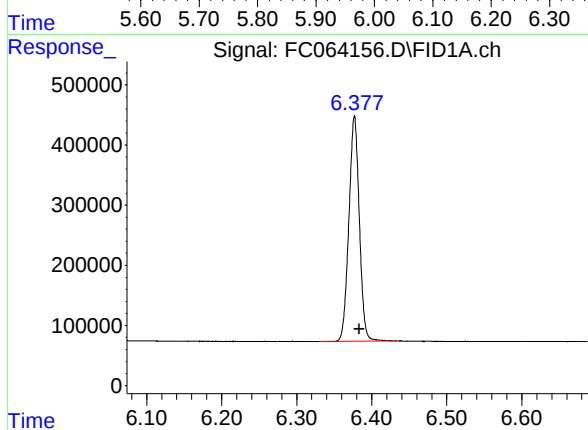
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 3646366
Conc: 20.15 ug/ml



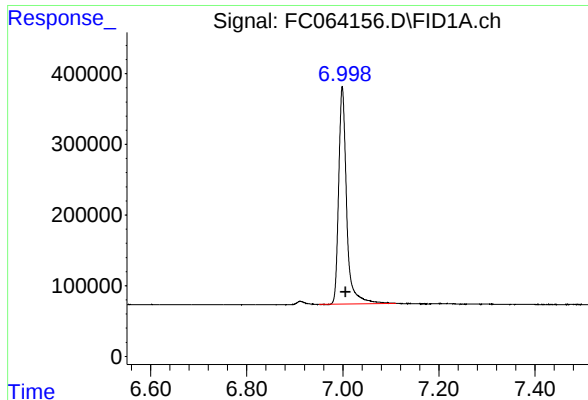
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 3735388
Conc: 20.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: -0.007 min
Response: 3626337
Conc: 20.13 ug/ml



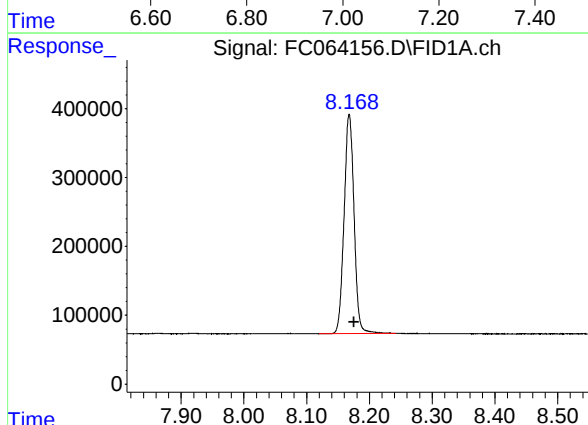
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: -0.007 min
Response: 3548898
Conc: 20.17 ug/ml

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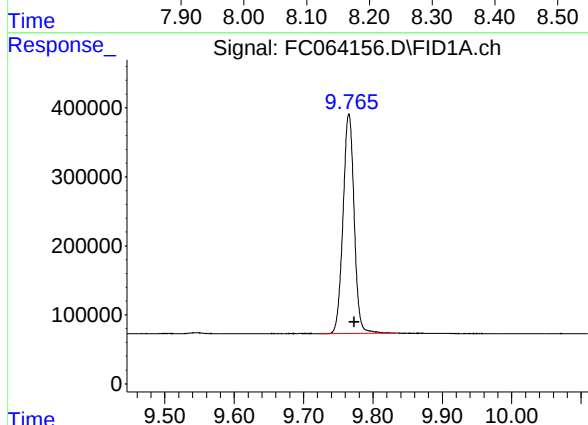
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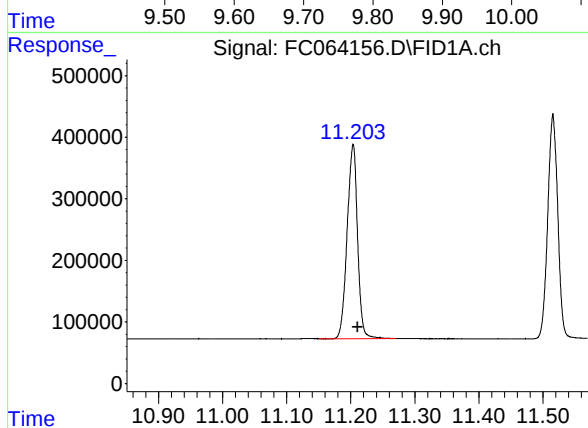
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.007 min
Response: 3516897
Conc: 20.33 ug/ml



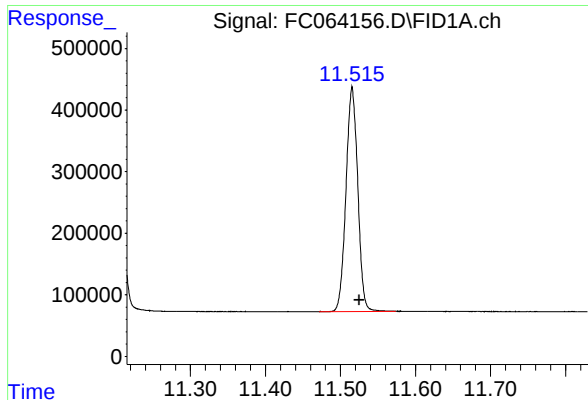
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: -0.008 min
Response: 3550071
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.204 min
Delta R.T.: -0.007 min
Response: 3543039
Conc: 20.56 ug/ml



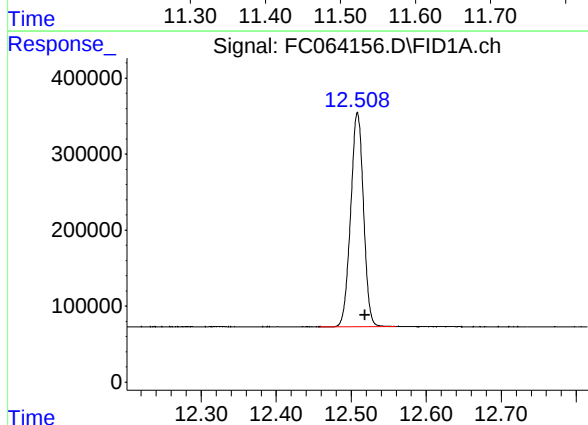
#9 ortho-Terphenyl (SURR)

R.T.: 11.516 min
Delta R.T.: -0.010 min
Response: 3969379
Conc: 20.44 ug/ml

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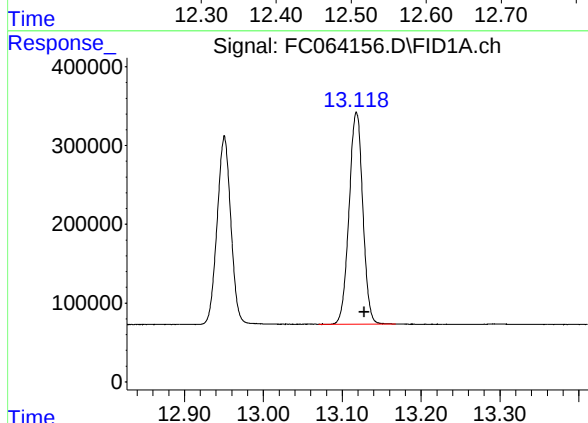
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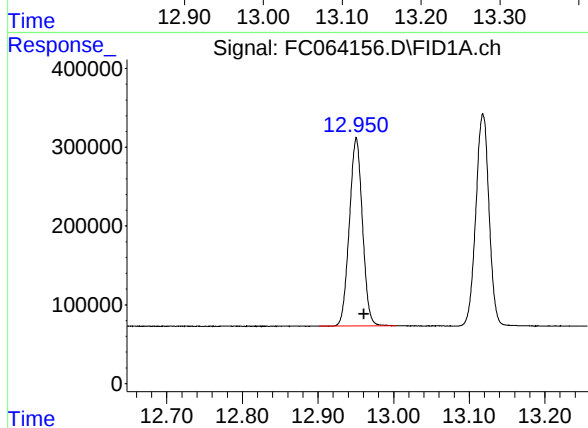
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: -0.010 min
Response: 3344008
Conc: 20.48 ug/ml



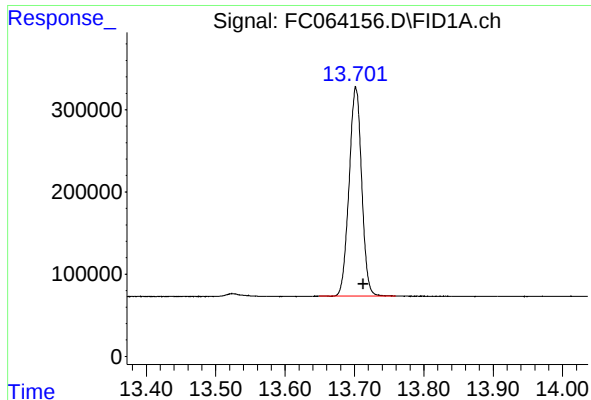
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: -0.010 min
Response: 3255180
Conc: 20.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.951 min
Delta R.T.: -0.010 min
Response: 2868254
Conc: 20.62 ug/ml



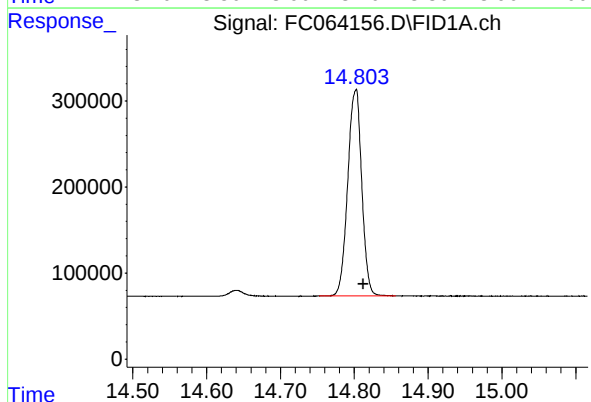
#13 n-Docosane (C22)

R.T.: 13.702 min
Delta R.T.: -0.011 min
Response: 3206933
Conc: 20.41 ug/ml

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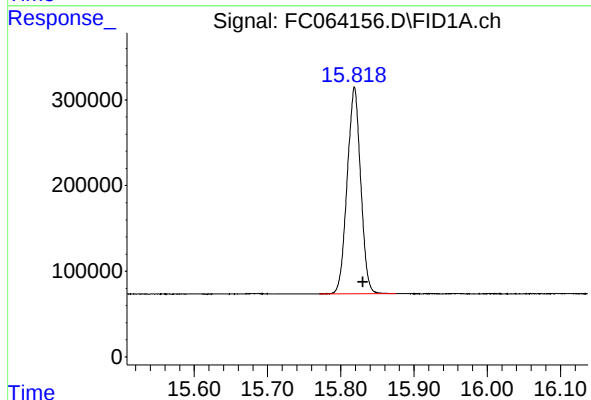
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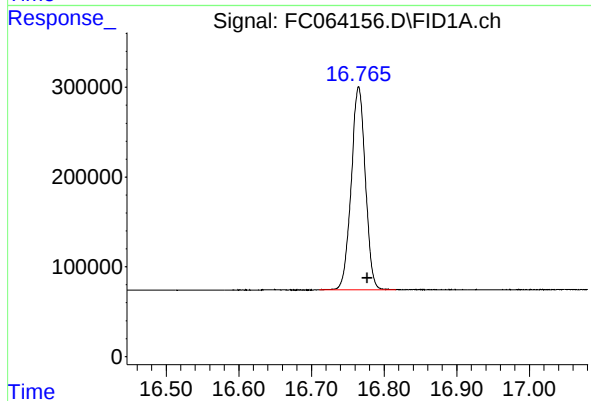
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: -0.010 min
Response: 3158218
Conc: 20.04 ug/ml



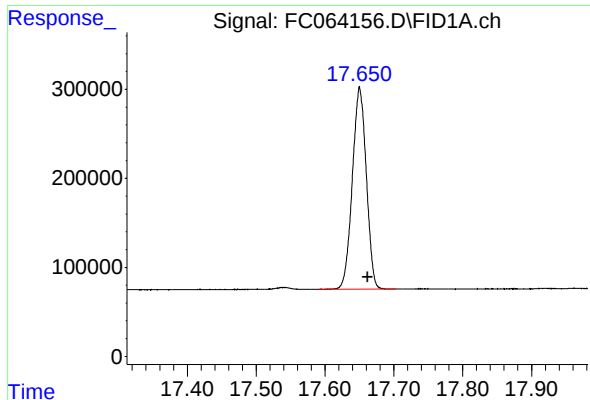
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.011 min
Response: 3086865
Conc: 20.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: -0.012 min
Response: 3051108
Conc: 20.25 ug/ml



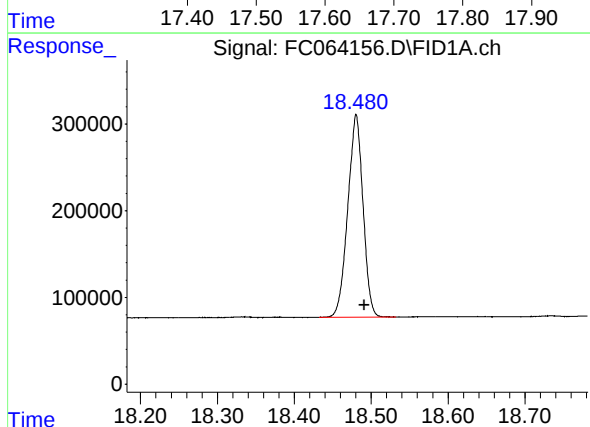
#17 n-Tricontane (C30)

R.T.: 17.650 min
Delta R.T.: -0.012 min
Response: 3191036
Conc: 20.44 ug/ml

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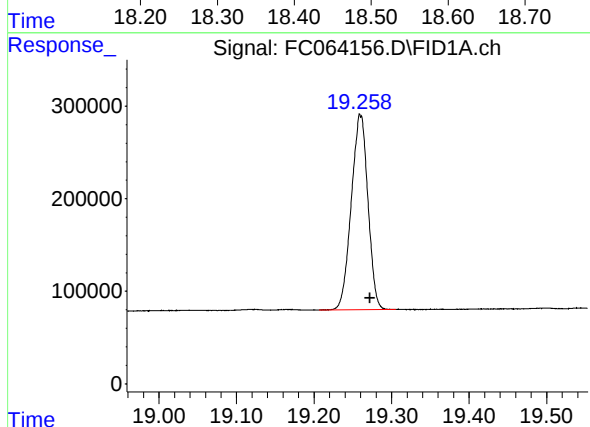
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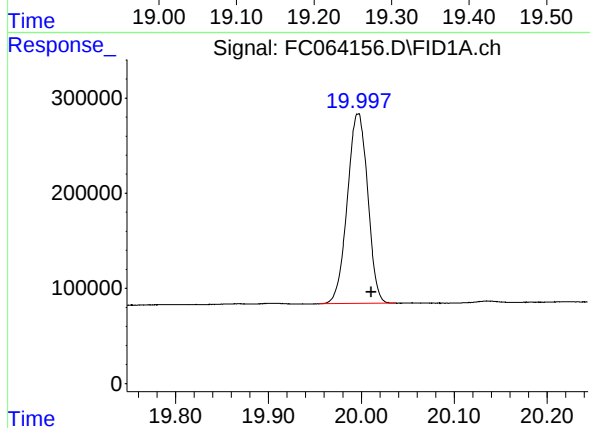
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: -0.010 min
Response: 3218519
Conc: 20.37 ug/ml



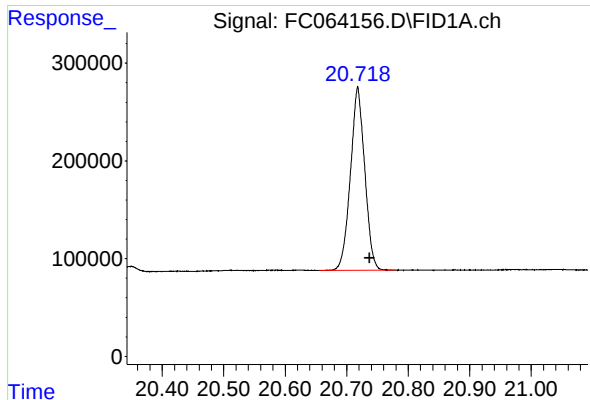
#19 n-Tetratriacontane (C34)

R.T.: 19.260 min
Delta R.T.: -0.012 min
Response: 3143949
Conc: 20.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.997 min
Delta R.T.: -0.013 min
Response: 3042105
Conc: 20.61 ug/ml m



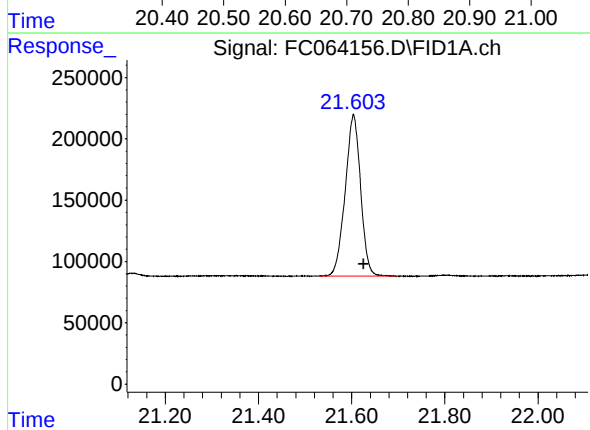
#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: -0.020 min
Response: 3028628
Conc: 20.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: -0.021 min
Response: 3020221
Conc: 20.72 ug/ml