

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070323AL\
 Data File : FC064046.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jul 2023 00:25
 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 07/05/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File: autoint1.e
 Quant Time: Jul 04 06:01:25 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)	11.523	4011404	20.660 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
12) S 1-chlorooctadecane (S...	12.958	2898887	20.836 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
Target Compounds			
1) T n-Nonane (C9)	3.306	3587897	20.117 ug/ml
2) T n-Decane (C10)	4.368	3680059	20.337 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3801223	20.379 ug/ml
4) T n-Dodecane (C12)	6.381	3671389	20.380 ug/ml
5) T A~2-methylnaphthalene...	7.004	3604434	20.481 ug/ml
6) T n-Tetradecane (C14)	8.173	3557064	20.562 ug/ml
7) T n-Hexadecane (C16)	9.770	3583910	20.631 ug/ml
8) T n-Octadecane (C18)	11.209	3583143	20.790 ug/ml
10) T n-Eicosane (C20)	12.514	3378400	20.695 ug/ml
11) T n-Heneicosane (C21)	13.125	3300554	20.600 ug/ml
13) T n-Docosane (C22)	13.709	3249211	20.678 ug/ml
14) T n-Tetracosane (C24)	14.808	3190065	20.239 ug/ml
15) T n-Hexacosane (C26)	15.826	3115558	20.621 ug/ml
16) T n-Octacosane (C28)	16.772	3071430	20.384 ug/ml
17) T n-Tricontane (C30)	17.658	3190173	20.433 ug/ml
18) T n-Dotriacontane (C32)	18.486	3194468	20.221 ug/ml
19) T n-Tetratriacontane (C34)	19.267	3137752	20.391 ug/ml
20) T n-Hexatriacontane (C36)	20.006	3036431	20.567 ug/mlm
21) T n-Octatriacontane (C38)	20.729	3016569	20.365 ug/ml
22) T n-Tetracontane (C40)	21.615	2969545	20.373 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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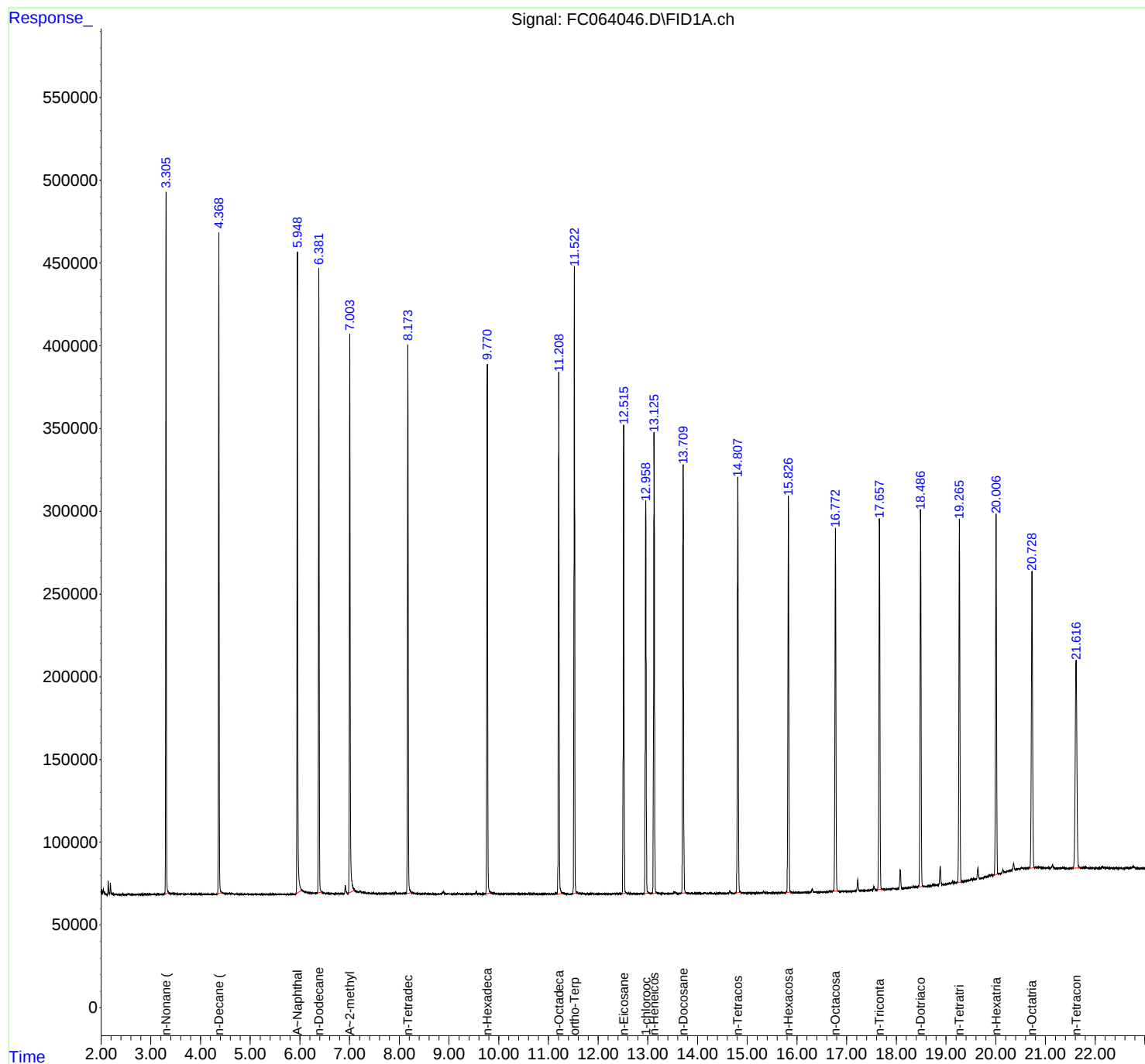
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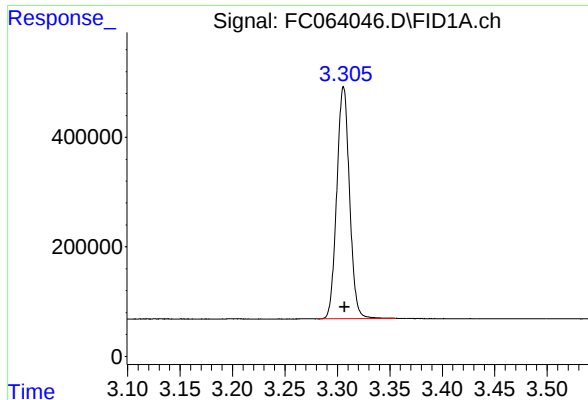
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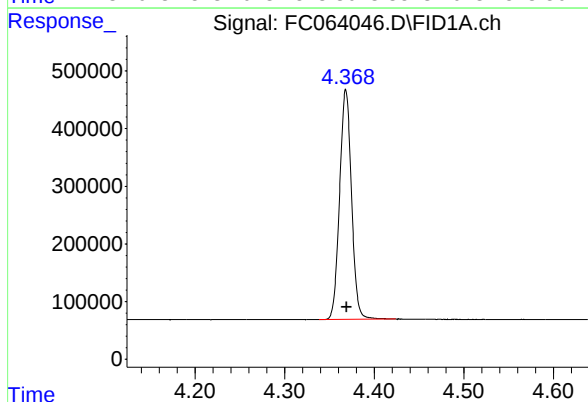
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.001 min
Response: 3587897
Conc: 20.12 ug/ml

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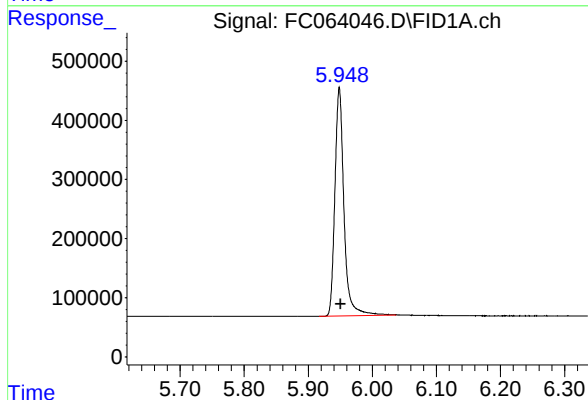
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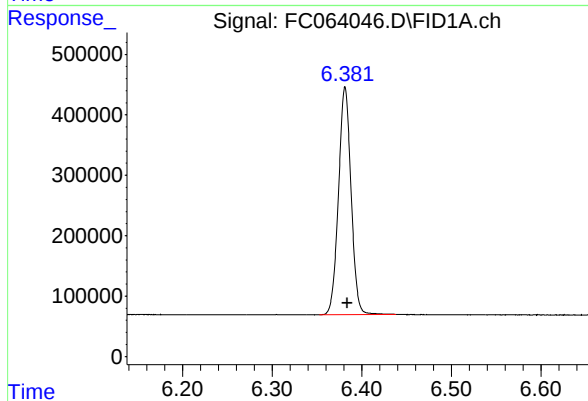
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 3680059
Conc: 20.34 ug/ml



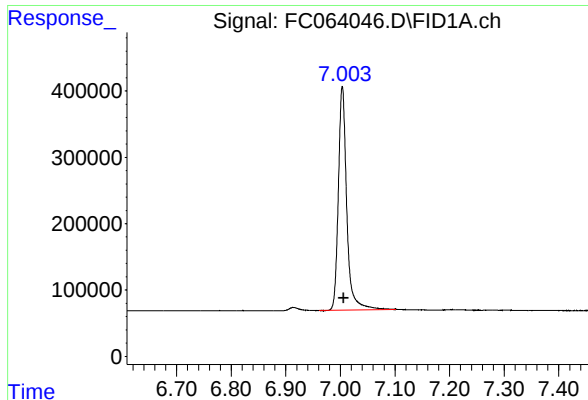
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 3801223
Conc: 20.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 3671389
Conc: 20.38 ug/ml



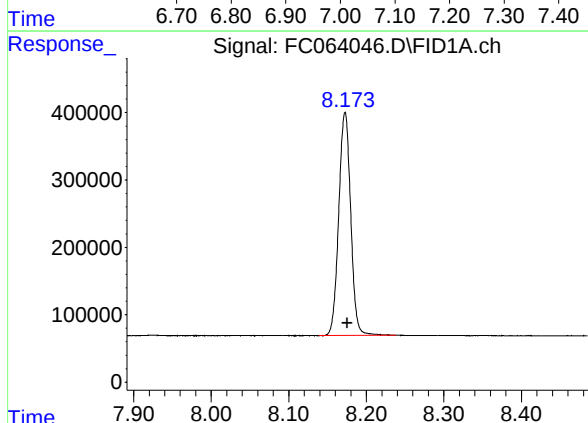
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 3604434
Conc: 20.48 ug/ml

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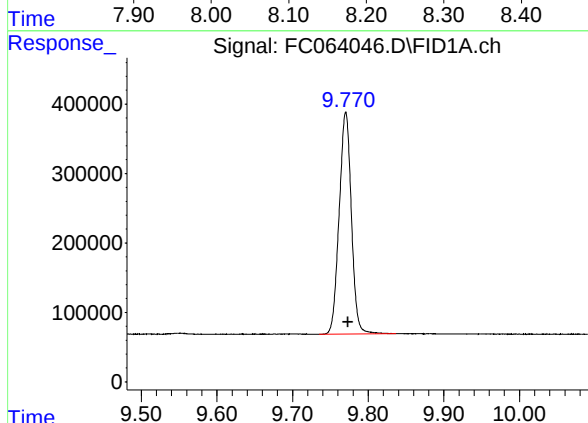
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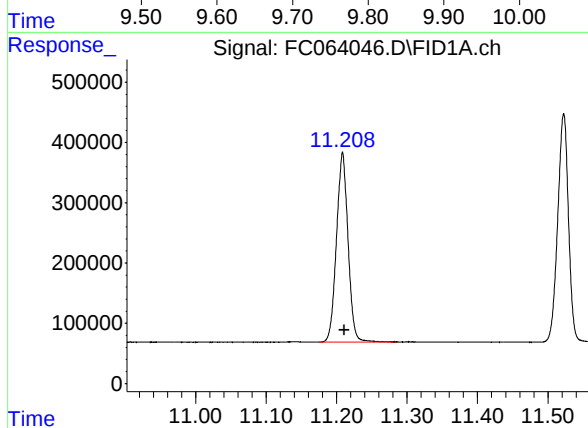
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.003 min
Response: 3557064
Conc: 20.56 ug/ml



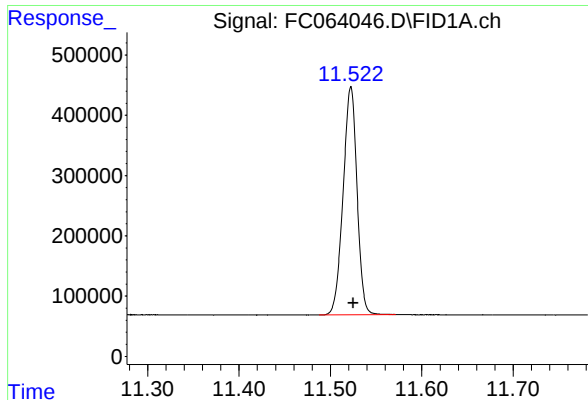
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.003 min
Response: 3583910
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.003 min
Response: 3583143
Conc: 20.79 ug/ml



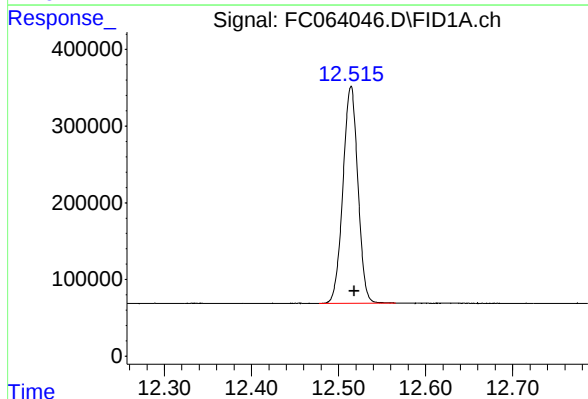
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.003 min
Response: 4011404
Conc: 20.66 ug/ml

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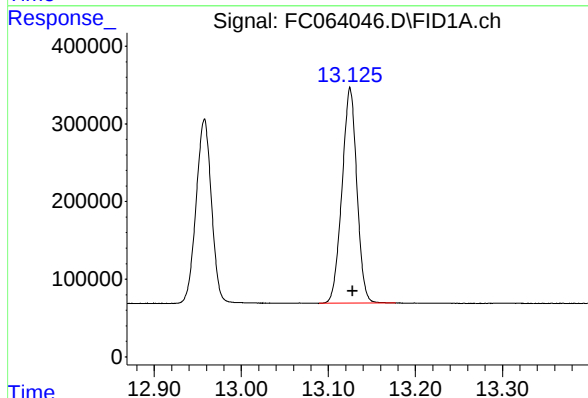
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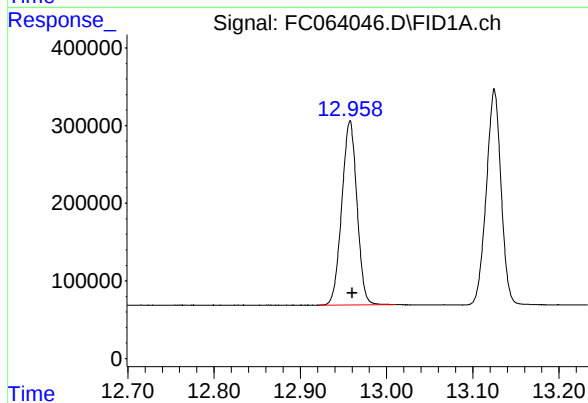
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: -0.004 min
Response: 3378400
Conc: 20.70 ug/ml



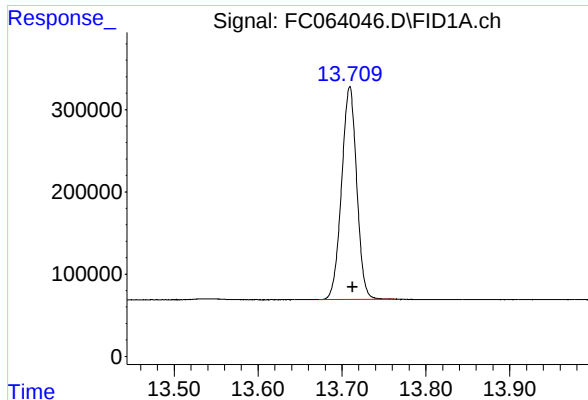
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: -0.003 min
Response: 3300554
Conc: 20.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.003 min
Response: 2898887
Conc: 20.84 ug/ml



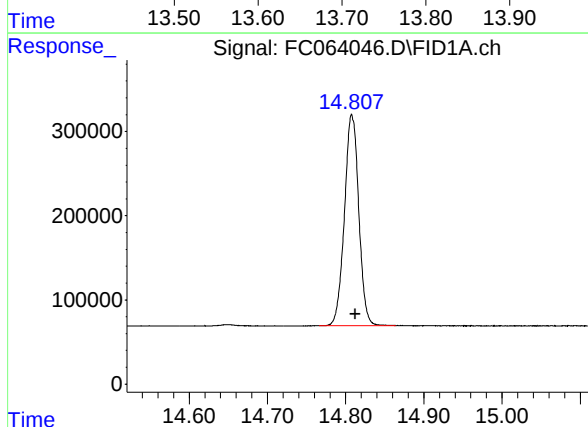
#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: -0.003 min
Response: 3249211
Conc: 20.68 ug/ml

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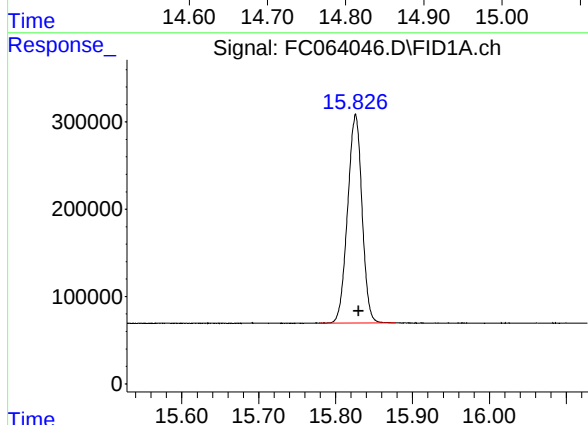
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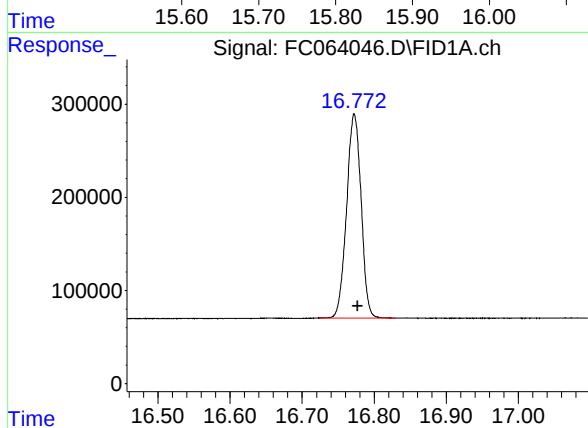
#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: -0.004 min
Response: 3190065
Conc: 20.24 ug/ml



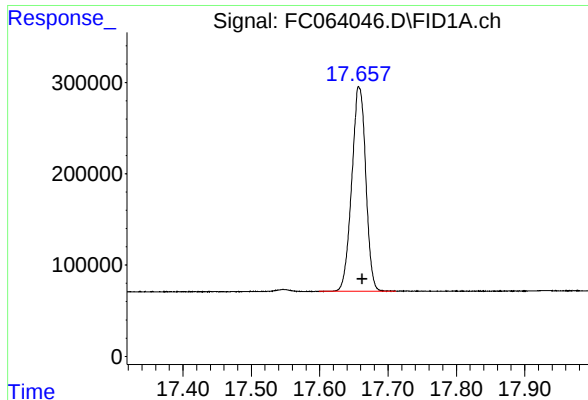
#15 n-Hexacosane (C26)

R.T.: 15.826 min
Delta R.T.: -0.004 min
Response: 3115558
Conc: 20.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.772 min
Delta R.T.: -0.005 min
Response: 3071430
Conc: 20.38 ug/ml



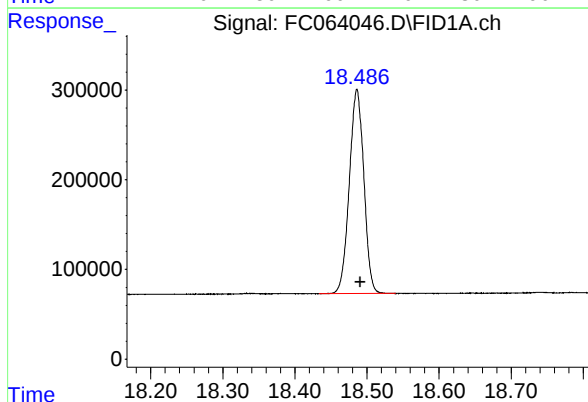
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: -0.005 min
Response: 3190173
Conc: 20.43 ug/ml

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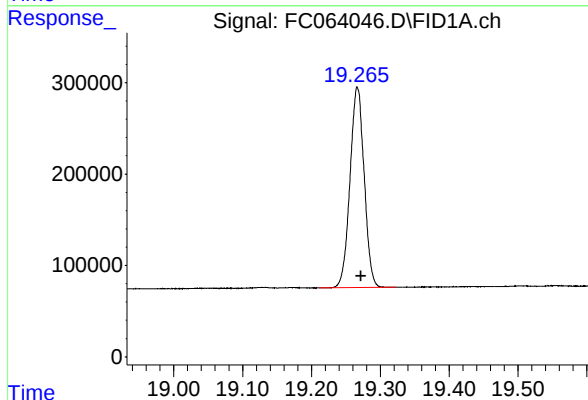
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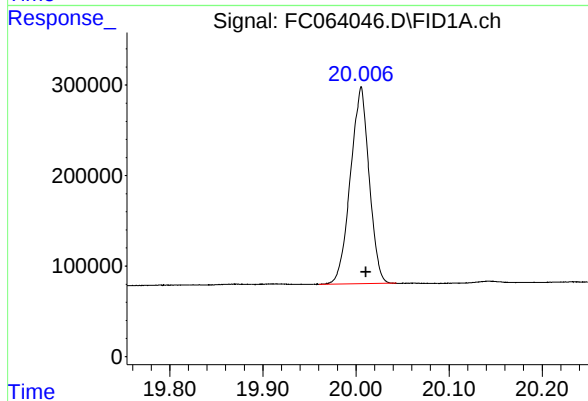
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.005 min
Response: 3194468
Conc: 20.22 ug/ml



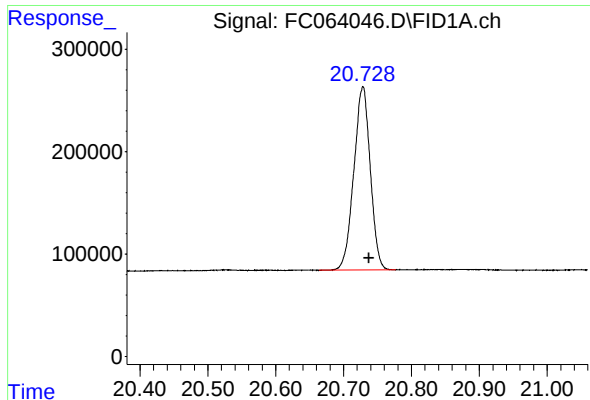
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.005 min
Response: 3137752
Conc: 20.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.005 min
Response: 3036431
Conc: 20.57 ug/ml m



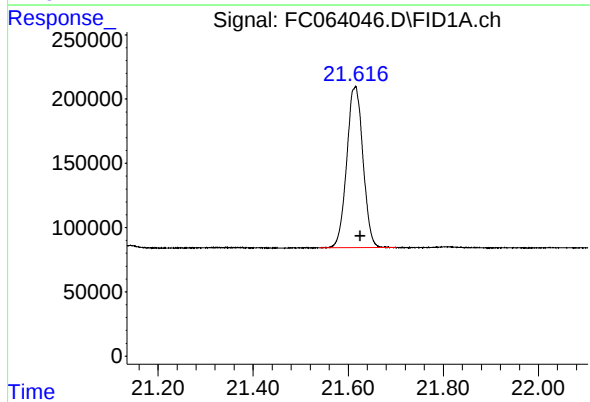
#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.009 min
Response: 3016569
Conc: 20.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.615 min
Delta R.T.: -0.010 min
Response: 2969545
Conc: 20.37 ug/ml