

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100223AL\
 Data File : FC064710.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2023 06:01
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2023
 Supervised By :Ankita Jodhani 10/03/2023

Integration File: autoint1.e
 Quant Time: Oct 03 06:31:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.520	4688530	23.171 ug/ml
Spiked Amount 50.000		Recovery =	46.34%
12) S 1-chlorooctadecane (S...	12.951	3400589	23.347 ug/ml
Spiked Amount 50.000		Recovery =	46.69%
Target Compounds			
1) T n-Nonane (C9)	3.321	4077184	23.072 ug/ml
2) T n-Decane (C10)	4.380	4109959	22.878 ug/ml
3) T A~Naphthalene (C11.7)	5.960	4298379	22.880 ug/ml
4) T n-Dodecane (C12)	6.390	4152507	22.861 ug/ml
5) T A~2-methylnaphthalene...	7.014	4127782	23.146 ug/ml
6) T n-Tetradecane (C14)	8.177	4034526	22.738 ug/ml
7) T n-Hexadecane (C16)	9.771	4037887	22.463 ug/ml
8) T n-Octadecane (C18)	11.206	4048184	22.359 ug/ml
10) T n-Eicosane (C20)	12.510	3848753	22.595 ug/ml
11) T n-Heneicosane (C21)	13.119	3758822	22.695 ug/ml
13) T n-Docosane (C22)	13.702	3678557	22.580 ug/ml
14) T n-Tetracosane (C24)	14.800	3532558	22.251 ug/ml
15) T n-Hexacosane (C26)	15.815	3371961	22.090 ug/ml
16) T n-Octacosane (C28)	16.761	3244358	21.922 ug/ml
17) T n-Tricontane (C30)	17.643	3210189	21.609 ug/ml
18) T n-Dotriacontane (C32)	18.473	3147994	21.571 ug/ml
19) T n-Tetratriacontane (C34)	19.252	3063301	21.547 ug/ml
20) T n-Hexatriacontane (C36)	19.988	2957860	21.475 ug/mlm
21) T n-Octatriacontane (C38)	20.710	2913016	21.255 ug/ml
22) T n-Tetracontane (C40)	21.589	2947667	21.670 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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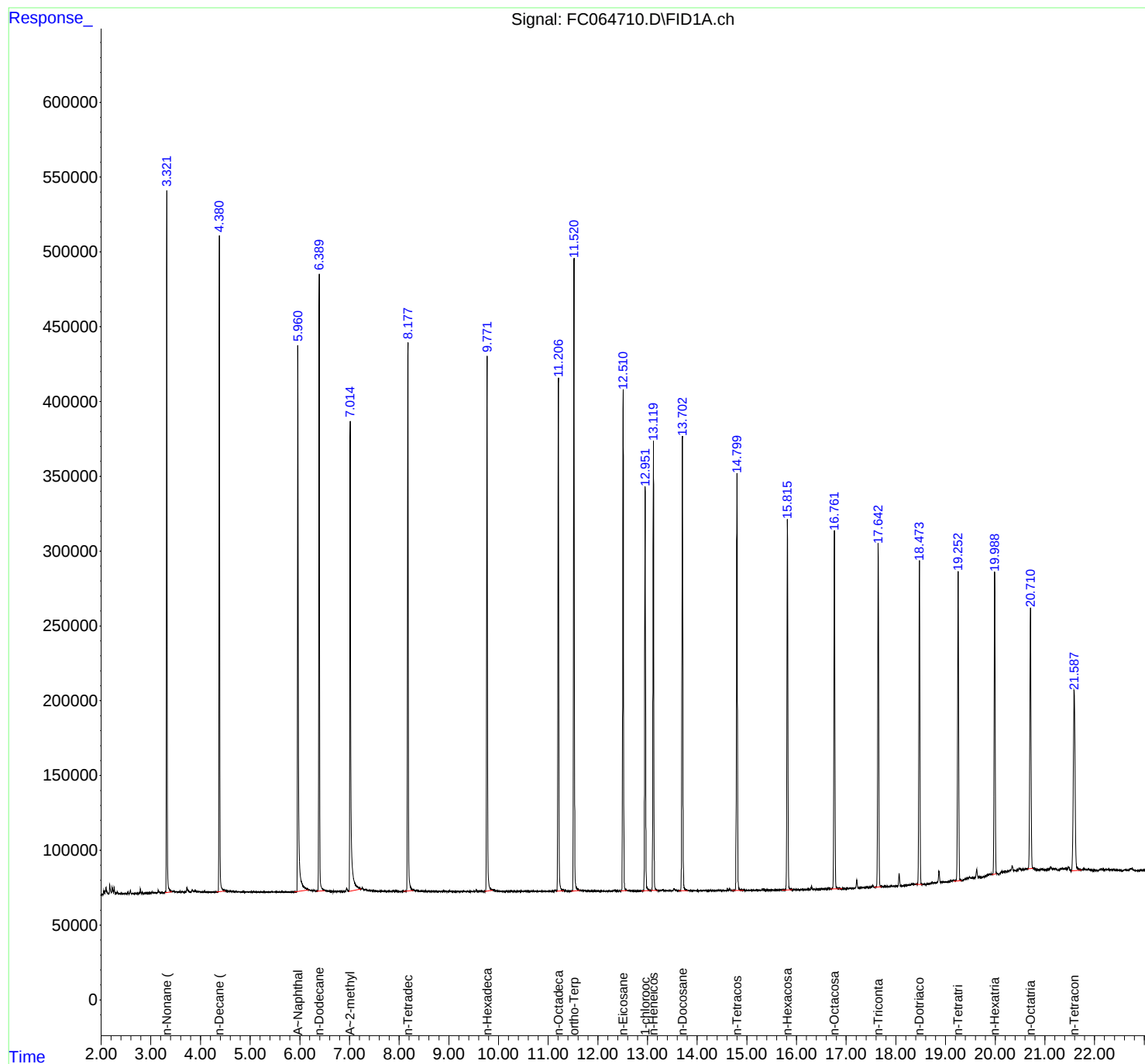
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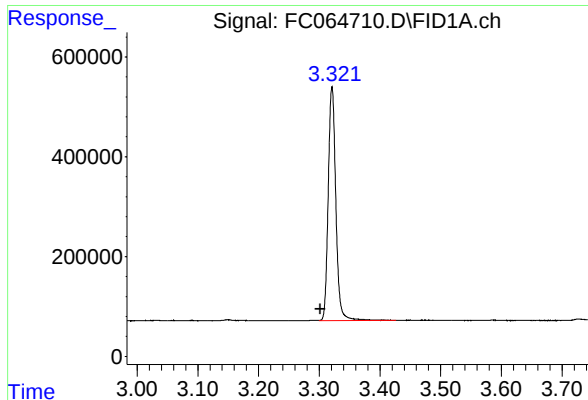
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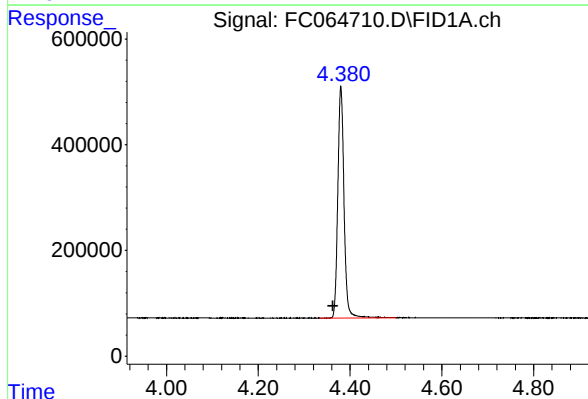
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: 0.019 min
Response: 4077184
Conc: 23.07 ug/ml

Instrument : FID_C
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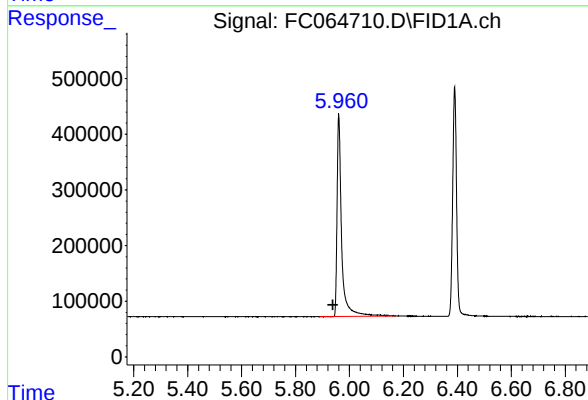
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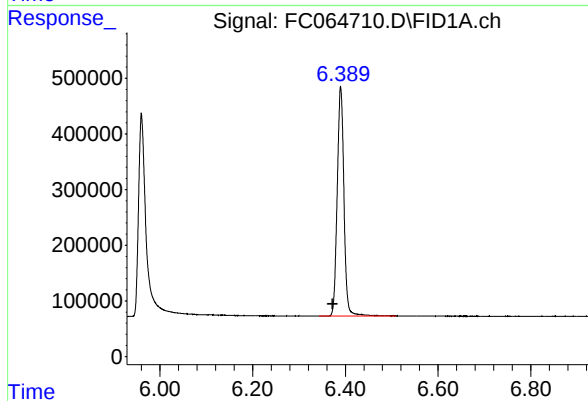
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: 0.018 min
Response: 4109959
Conc: 22.88 ug/ml



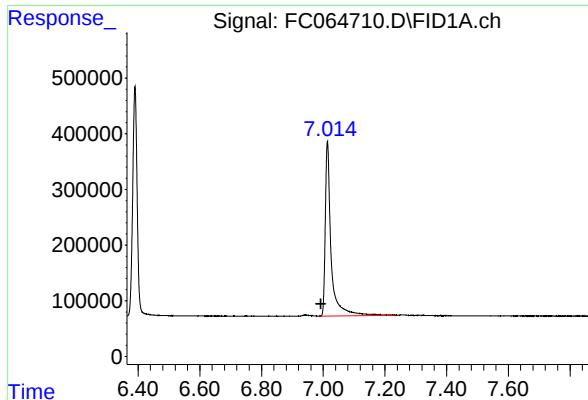
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: 0.021 min
Response: 4298379
Conc: 22.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: 0.018 min
Response: 4152507
Conc: 22.86 ug/ml



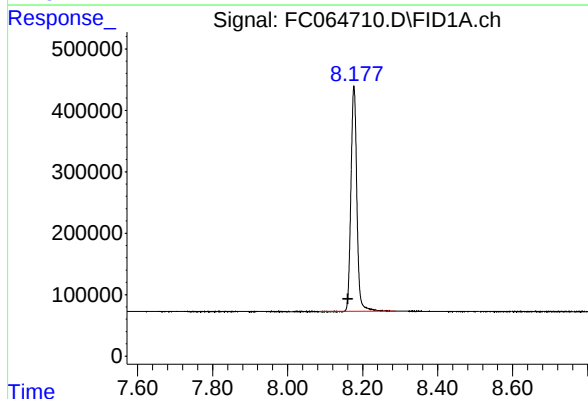
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: 0.021 min
Response: 4127782
Conc: 23.15 ug/ml

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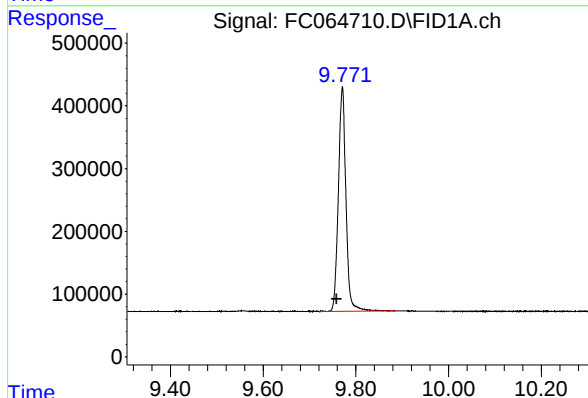
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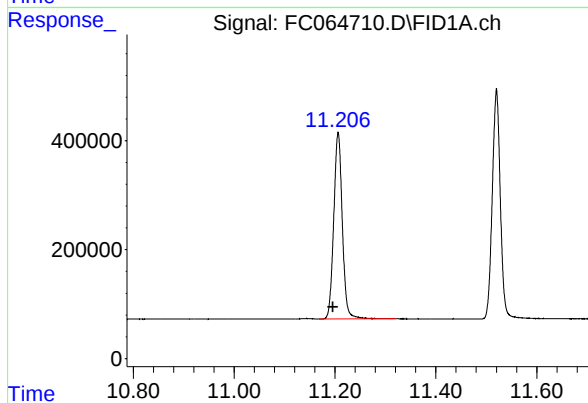
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.016 min
Response: 4034526
Conc: 22.74 ug/ml



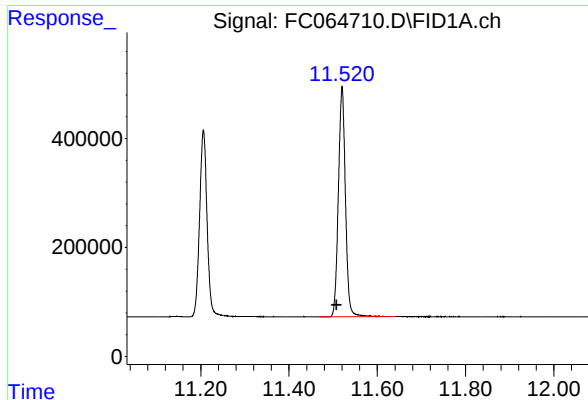
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: 0.013 min
Response: 4037887
Conc: 22.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.206 min
Delta R.T.: 0.011 min
Response: 4048184
Conc: 22.36 ug/ml



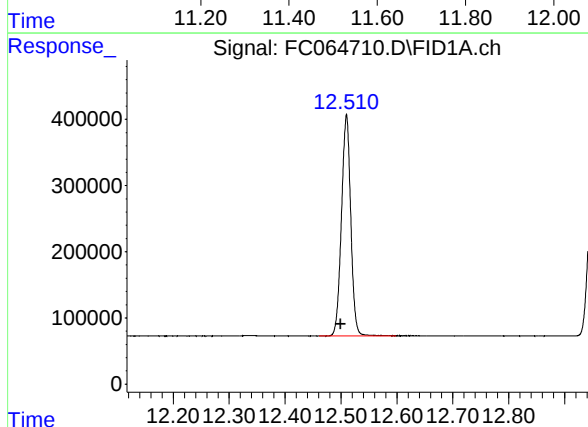
#9 ortho-Terphenyl (SURR)

R.T.: 11.520 min
Delta R.T.: 0.012 min
Response: 4688530
Conc: 23.17 ug/ml

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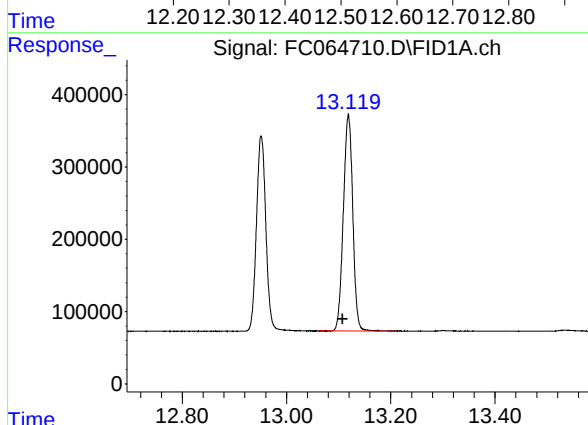
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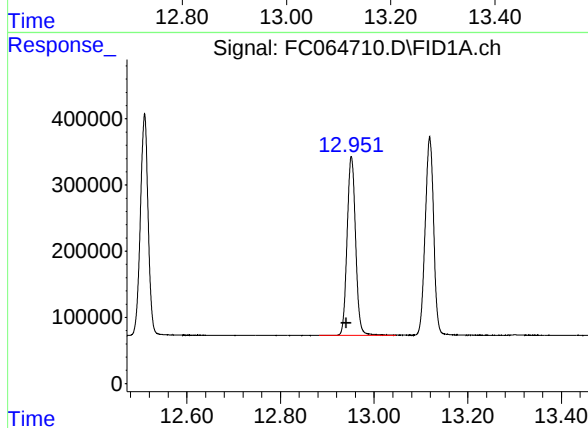
#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: 0.011 min
Response: 3848753
Conc: 22.59 ug/ml



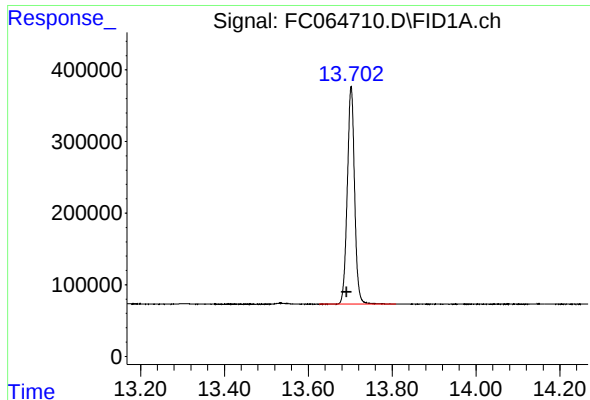
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: 0.011 min
Response: 3758822
Conc: 22.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.951 min
Delta R.T.: 0.011 min
Response: 3400589
Conc: 23.35 ug/ml



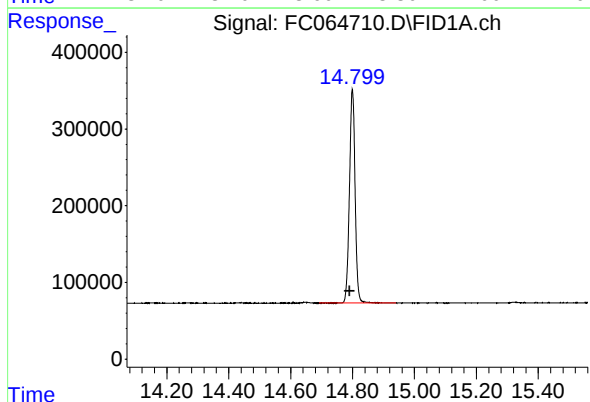
#13 n-Docosane (C22)

R.T.: 13.702 min
Delta R.T.: 0.010 min
Response: 3678557
Conc: 22.58 ug/ml

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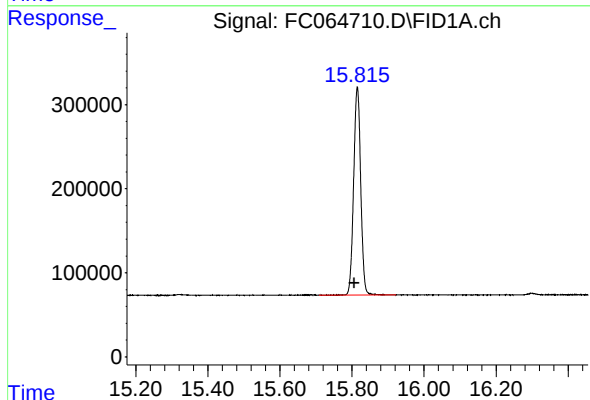
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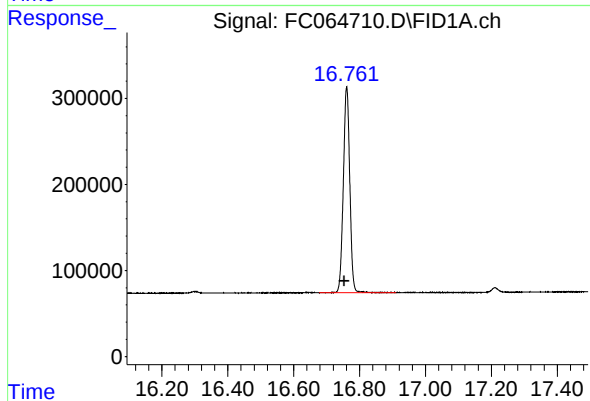
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.009 min
Response: 3532558
Conc: 22.25 ug/ml



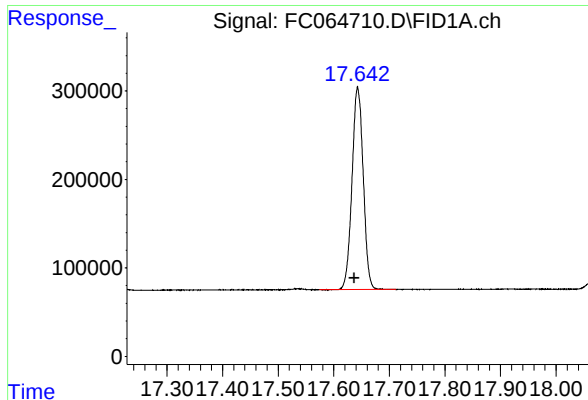
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.008 min
Response: 3371961
Conc: 22.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.761 min
Delta R.T.: 0.007 min
Response: 3244358
Conc: 21.92 ug/ml



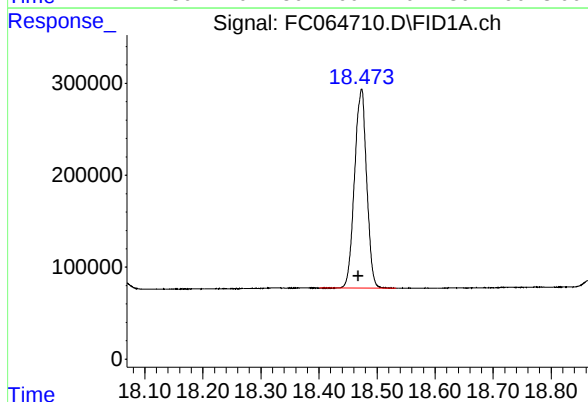
#17 n-Tricontane (C30)

R.T.: 17.643 min
Delta R.T.: 0.006 min
Response: 3210189
Conc: 21.61 ug/ml

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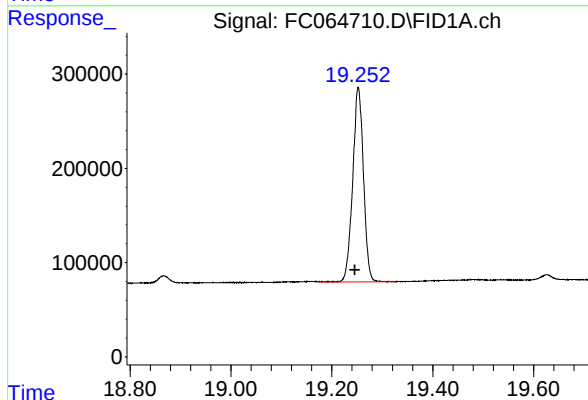
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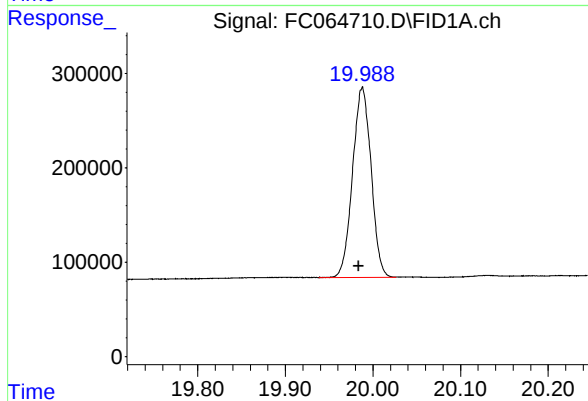
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.005 min
Response: 3147994
Conc: 21.57 ug/ml



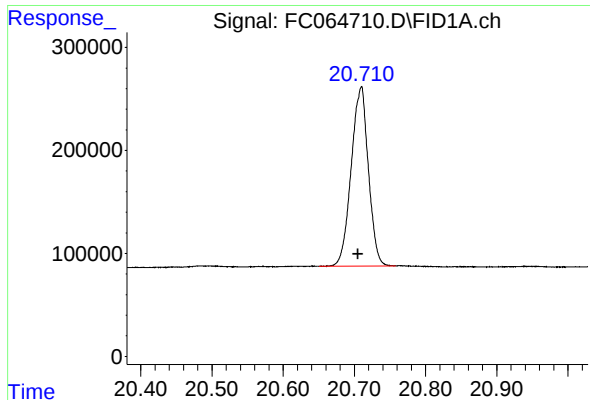
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: 0.007 min
Response: 3063301
Conc: 21.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.988 min
Delta R.T.: 0.004 min
Response: 2957860
Conc: 21.48 ug/ml m



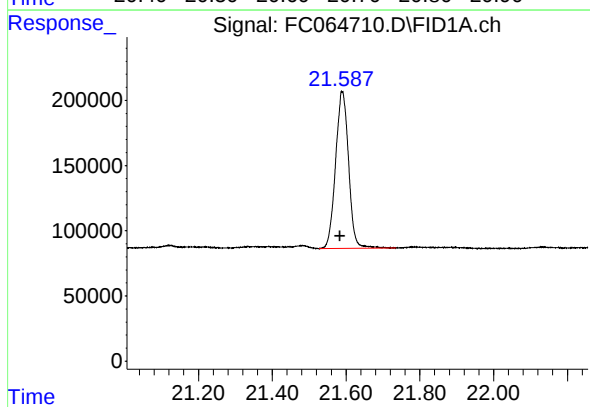
#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.005 min
Response: 2913016
Conc: 21.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.589 min
Delta R.T.: 0.006 min
Response: 2947667
Conc: 21.67 ug/ml