

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092623AL\
 Data File : FC064657.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2023 09:03
 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 09/26/2023
 Supervised By :Ankita Jodhani 09/27/2023

Integration File: autoint1.e
 Quant Time: Sep 26 11:49:28 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)	11.519	4421180	21.850 ug/ml
Spiked Amount 50.000		Recovery =	43.70%
12) S 1-chlorooctadecane (S...	12.951	3197880	21.955 ug/ml
Spiked Amount 50.000		Recovery =	43.91%
Target Compounds			
1) T n-Nonane (C9)	3.319	3677140	20.808 ug/mlm
2) T n-Decane (C10)	4.379	3769005	20.980 ug/ml
3) T A~Naphthalene (C11.7)	5.959	3984105	21.207 ug/ml
4) T n-Dodecane (C12)	6.388	3836411	21.121 ug/ml
5) T A~2-methylnaphthalene...	7.013	3820839	21.425 ug/ml
6) T n-Tetradecane (C14)	8.176	3749566	21.132 ug/ml
7) T n-Hexadecane (C16)	9.770	3787167	21.068 ug/ml
8) T n-Octadecane (C18)	11.205	3779977	20.878 ug/ml
10) T n-Eicosane (C20)	12.508	3632846	21.327 ug/ml
11) T n-Heneicosane (C21)	13.118	3559105	21.489 ug/ml
13) T n-Docosane (C22)	13.700	3502851	21.502 ug/ml
14) T n-Tetracosane (C24)	14.800	3408783	21.471 ug/ml
15) T n-Hexacosane (C26)	15.814	3272674	21.439 ug/ml
16) T n-Octacosane (C28)	16.760	3200883	21.628 ug/ml
17) T n-Tricontane (C30)	17.643	3264651	21.976 ug/ml
18) T n-Dotriacontane (C32)	18.471	3247389	22.252 ug/ml
19) T n-Tetratriacontane (C34)	19.252	3056325	21.498 ug/ml
20) T n-Hexatriacontane (C36)	19.990	2896622	21.031 ug/ml
21) T n-Octatriacontane (C38)	20.708	2766048	20.183 ug/ml
22) T n-Tetracontane (C40)	21.589	2621698	19.273 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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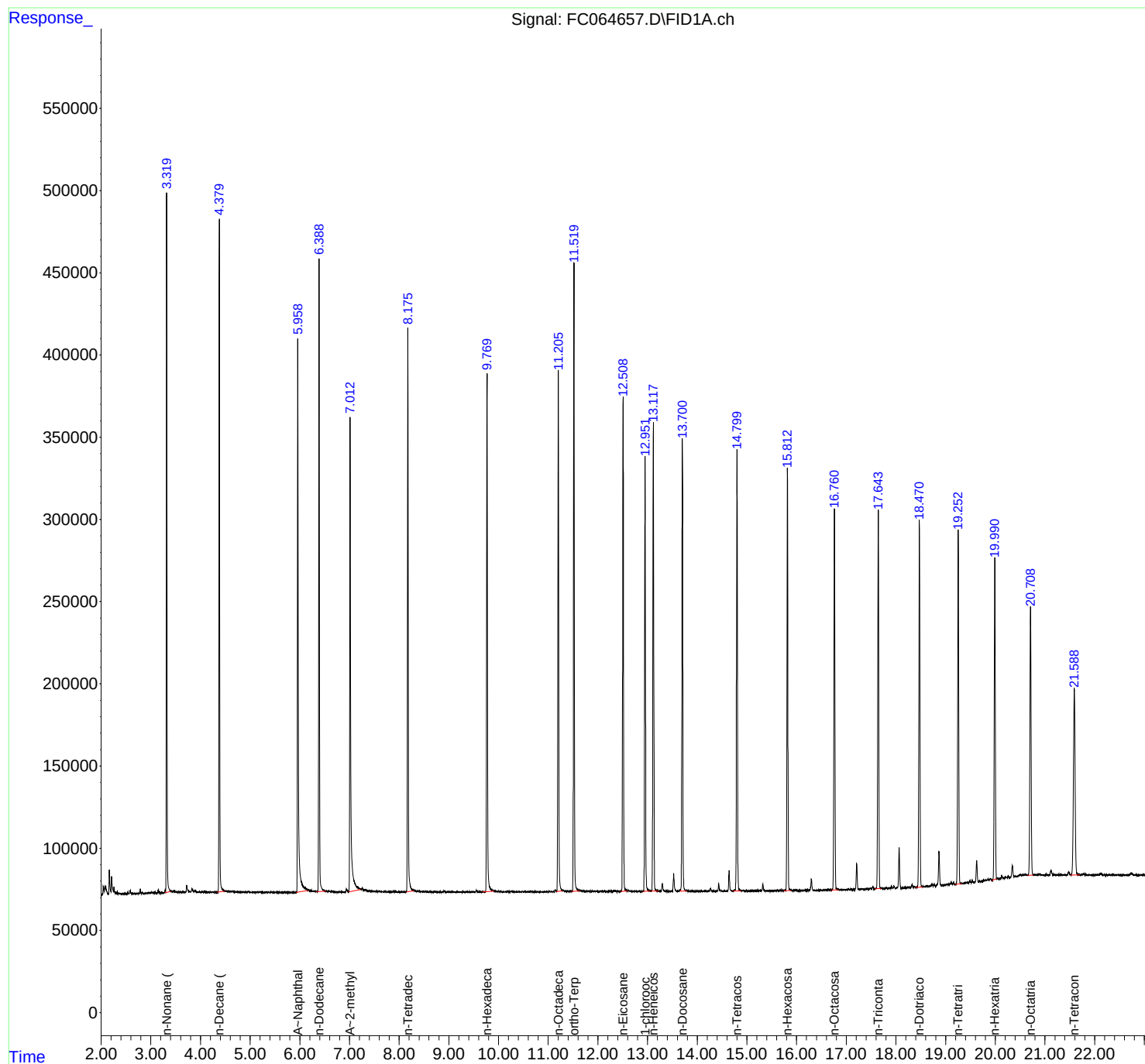
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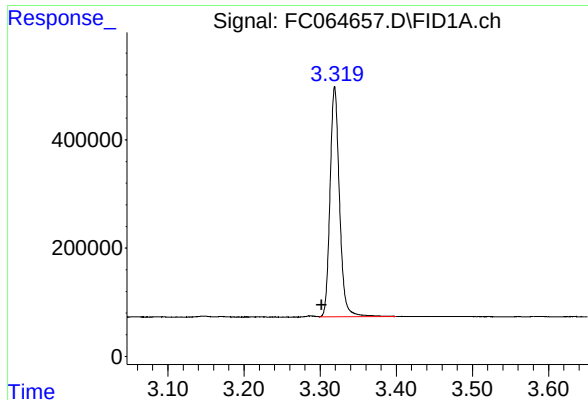
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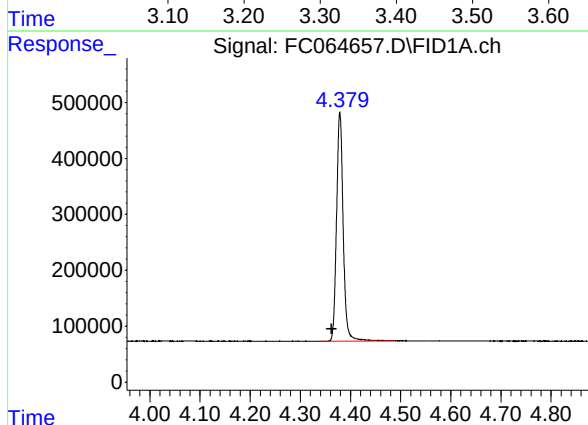
#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: 0.017 min
Response: 3677140
Conc: 20.81 ug/ml

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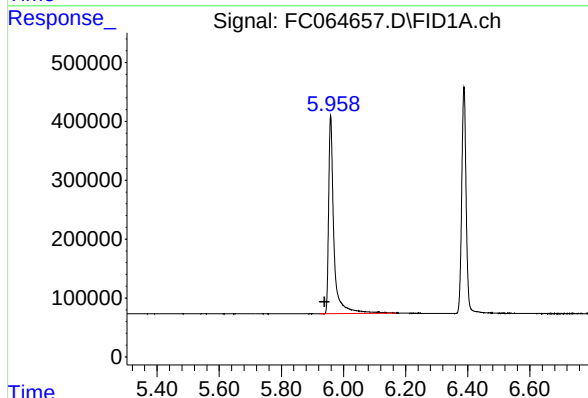
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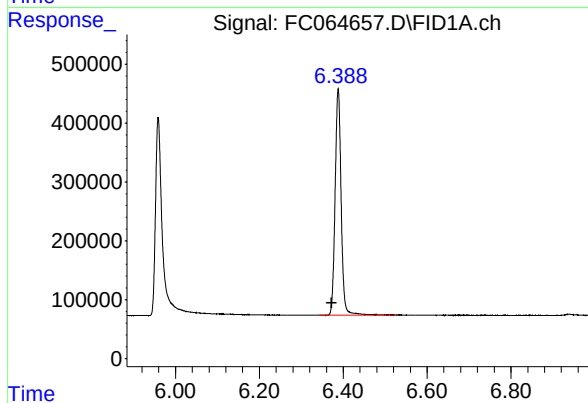
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: 0.017 min
Response: 3769005
Conc: 20.98 ug/ml



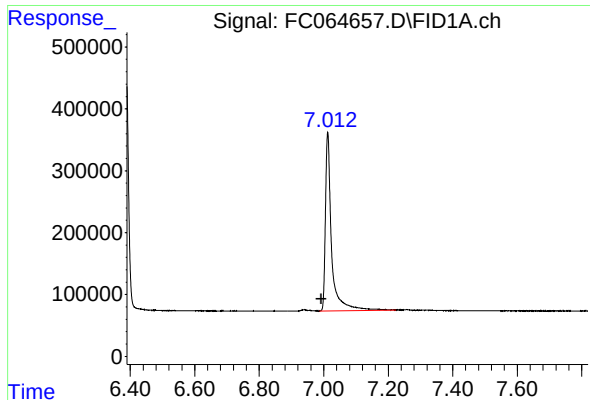
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: 0.020 min
Response: 3984105
Conc: 21.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: 0.016 min
Response: 3836411
Conc: 21.12 ug/ml



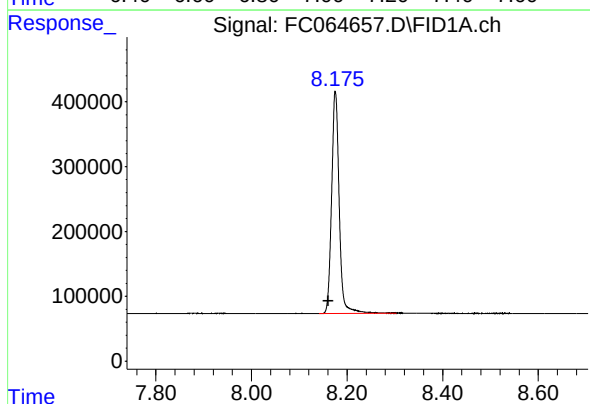
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: 0.020 min
Response: 3820839
Conc: 21.43 ug/ml

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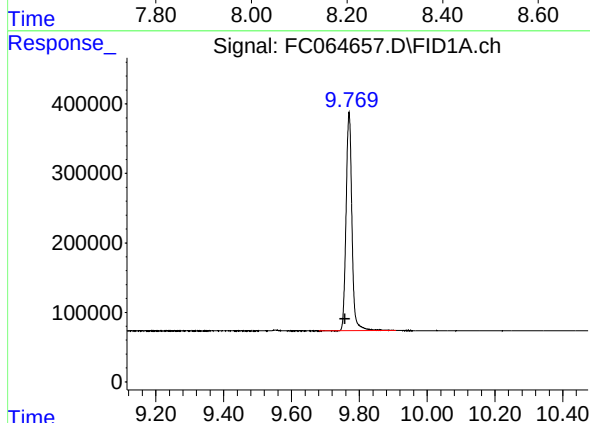
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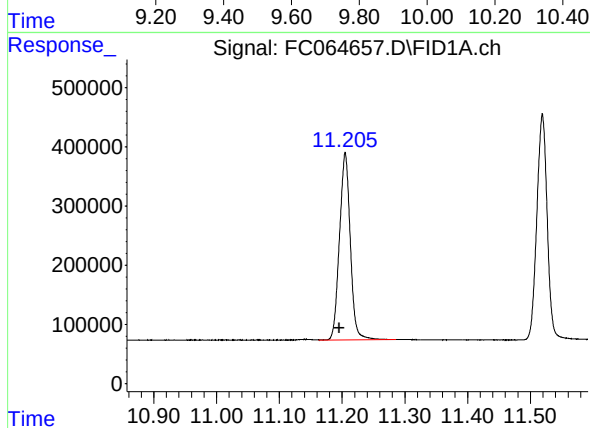
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.014 min
Response: 3749566
Conc: 21.13 ug/ml



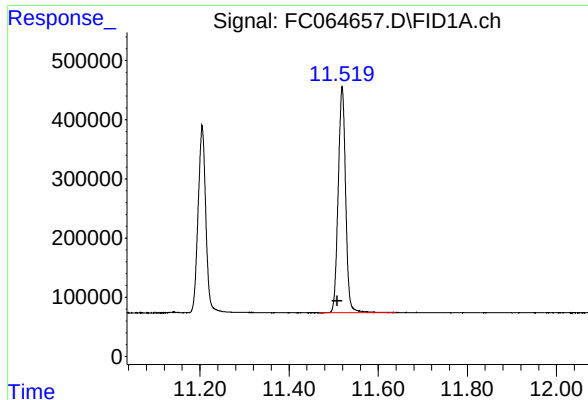
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: 0.012 min
Response: 3787167
Conc: 21.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.205 min
Delta R.T.: 0.010 min
Response: 3779977
Conc: 20.88 ug/ml



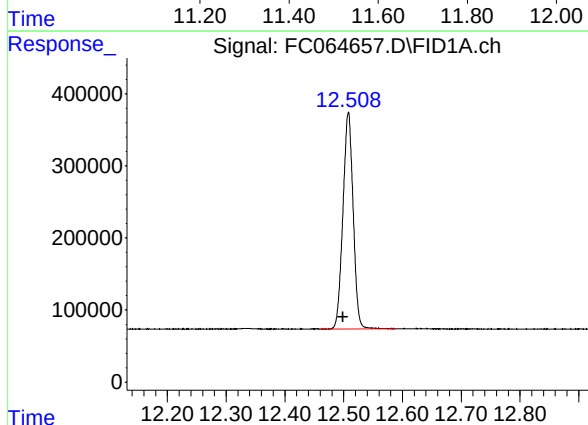
#9 ortho-Terphenyl (SURR)

R.T.: 11.519 min
Delta R.T.: 0.011 min
Response: 4421180
Conc: 21.85 ug/ml

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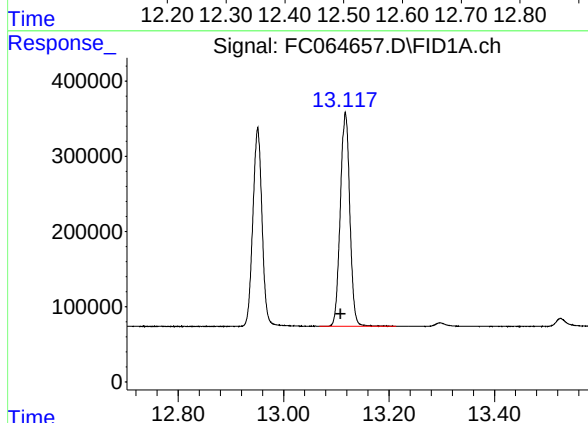
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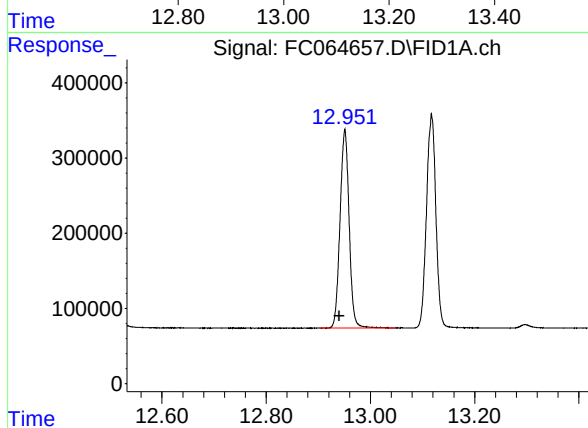
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: 0.009 min
Response: 3632846
Conc: 21.33 ug/ml



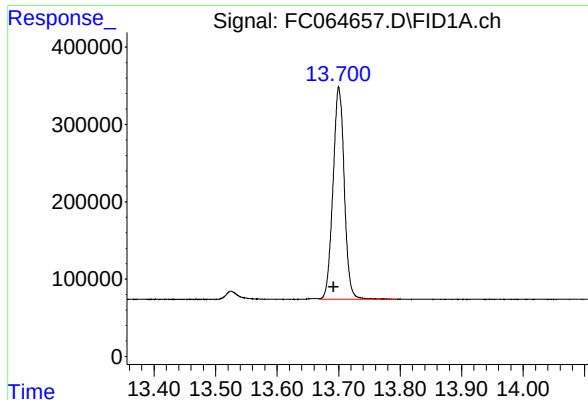
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: 0.010 min
Response: 3559105
Conc: 21.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.951 min
Delta R.T.: 0.011 min
Response: 3197880
Conc: 21.95 ug/ml



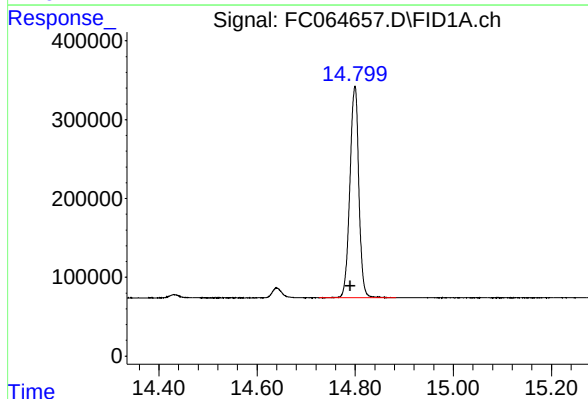
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.008 min
Response: 3502851
Conc: 21.50 ug/ml

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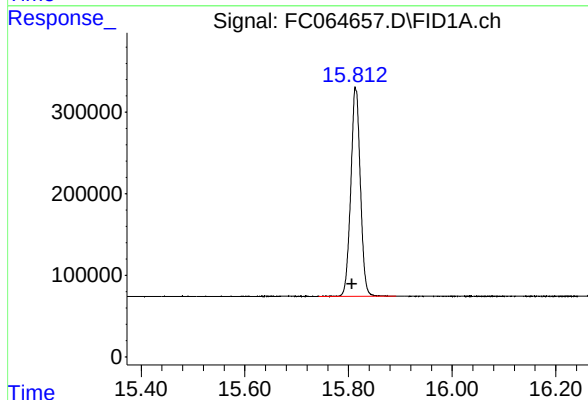
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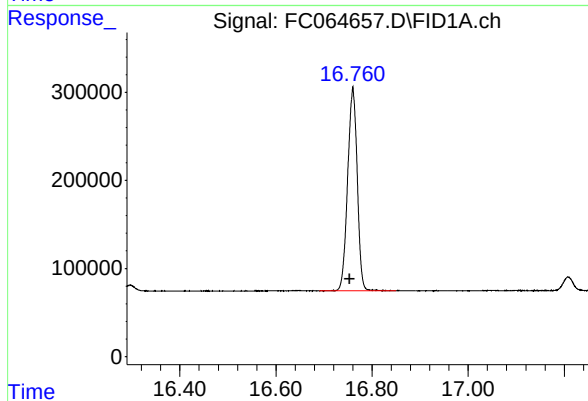
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.009 min
Response: 3408783
Conc: 21.47 ug/ml



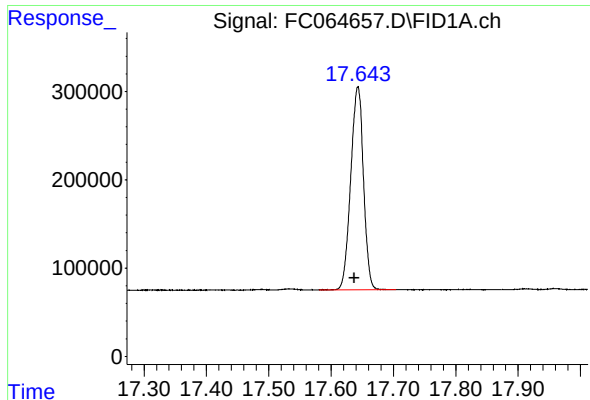
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.007 min
Response: 3272674
Conc: 21.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.760 min
Delta R.T.: 0.007 min
Response: 3200883
Conc: 21.63 ug/ml



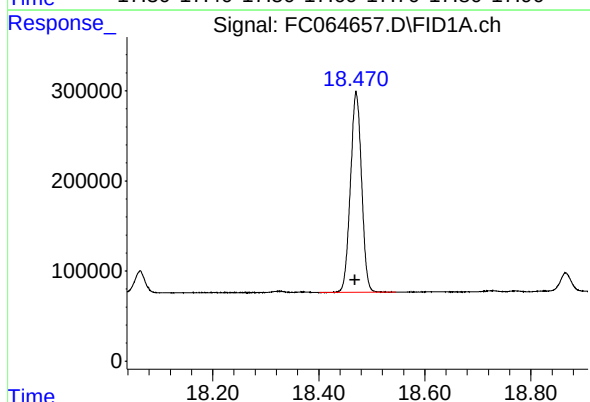
#17 n-Tricontane (C30)

R.T.: 17.643 min
Delta R.T.: 0.006 min
Response: 3264651
Conc: 21.98 ug/ml

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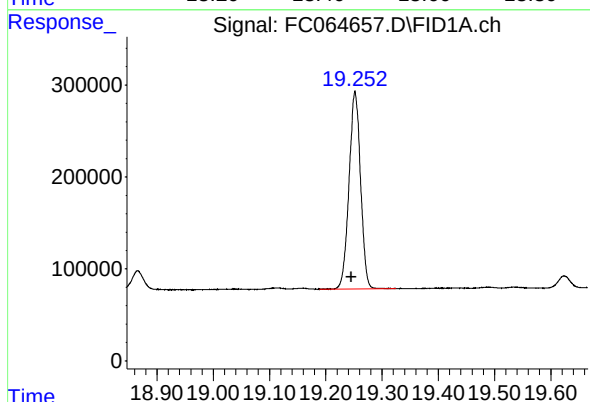
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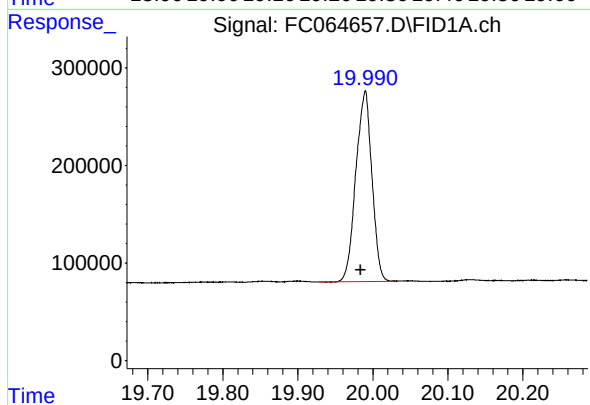
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: 0.002 min
Response: 3247389
Conc: 22.25 ug/ml



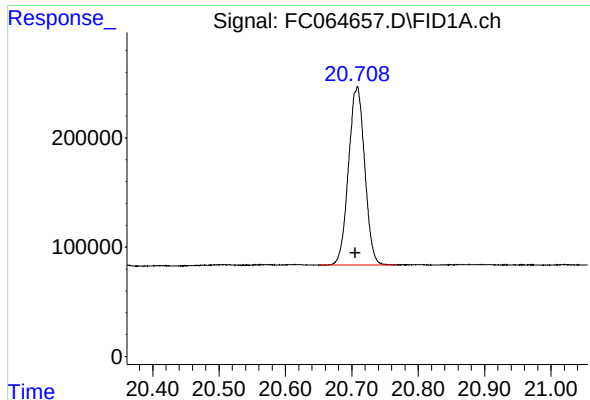
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: 0.006 min
Response: 3056325
Conc: 21.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: 0.006 min
Response: 2896622
Conc: 21.03 ug/ml



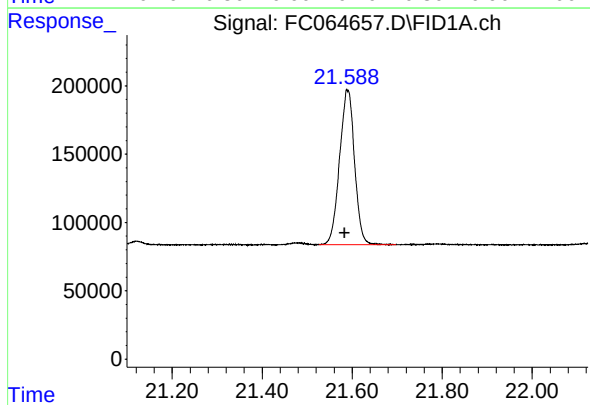
#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: 0.003 min
Response: 2766048
Conc: 20.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.589 min
Delta R.T.: 0.006 min
Response: 2621698
Conc: 19.27 ug/ml