

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071823AL\
 Data File : FC064143.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2023 22:30
 Operator : YP/AJ
 Sample : PB154260BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB154260BS

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 03:14:00 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)	11.522	7778744	40.063 ug/ml
Spiked Amount 50.000		Recovery =	80.13%
12) S 1-chlorooctadecane (S...	12.955	5762388	41.417 ug/ml
Spiked Amount 50.000		Recovery =	82.83%
Target Compounds			
1) T n-Nonane (C9)	3.319	8033946	45.046 ug/ml
2) T n-Decane (C10)	4.375	8557843	47.293 ug/ml
3) T A~Naphthalene (C11.7)	5.949	9774197	52.400 ug/ml
4) T n-Dodecane (C12)	6.382	9213840	51.146 ug/ml
5) T A~2-methylnaphthalene...	7.004	9582735	54.451 ug/ml
6) T n-Tetradecane (C14)	8.174	9192011	53.136 ug/ml
7) T n-Hexadecane (C16)	9.770	9018120	51.915 ug/ml
8) T n-Octadecane (C18)	11.209	9106806	52.840 ug/ml
10) T n-Eicosane (C20)	12.515	8615149	52.774 ug/ml
11) T n-Heneicosane (C21)	13.125	8428655	52.606 ug/ml
13) T n-Docosane (C22)	13.708	8293055	52.776 ug/ml
14) T n-Tetracosane (C24)	14.795	16202968	102.796 ug/ml
15) T n-Hexacosane (C26)	15.827	7879055	52.149 ug/ml
16) T n-Octacosane (C28)	16.771	7814020	51.858 ug/ml
17) T n-Tricontane (C30)	17.658	7651497	49.008 ug/ml
18) T n-Dotriacontane (C32)	18.486	7574639	47.948 ug/ml
19) T n-Tetratriacontane (C34)	19.266	7416422	48.197 ug/ml
20) T n-Hexatriacontane (C36)	20.001	7156621	48.474 ug/mlm
21) T n-Octatriacontane (C38)	20.725	6968991	47.047 ug/ml
22) T n-Tetracontane (C40)	21.612	6960780	47.756 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

QLast Update : Sun Jun 25 04:03:48 2023

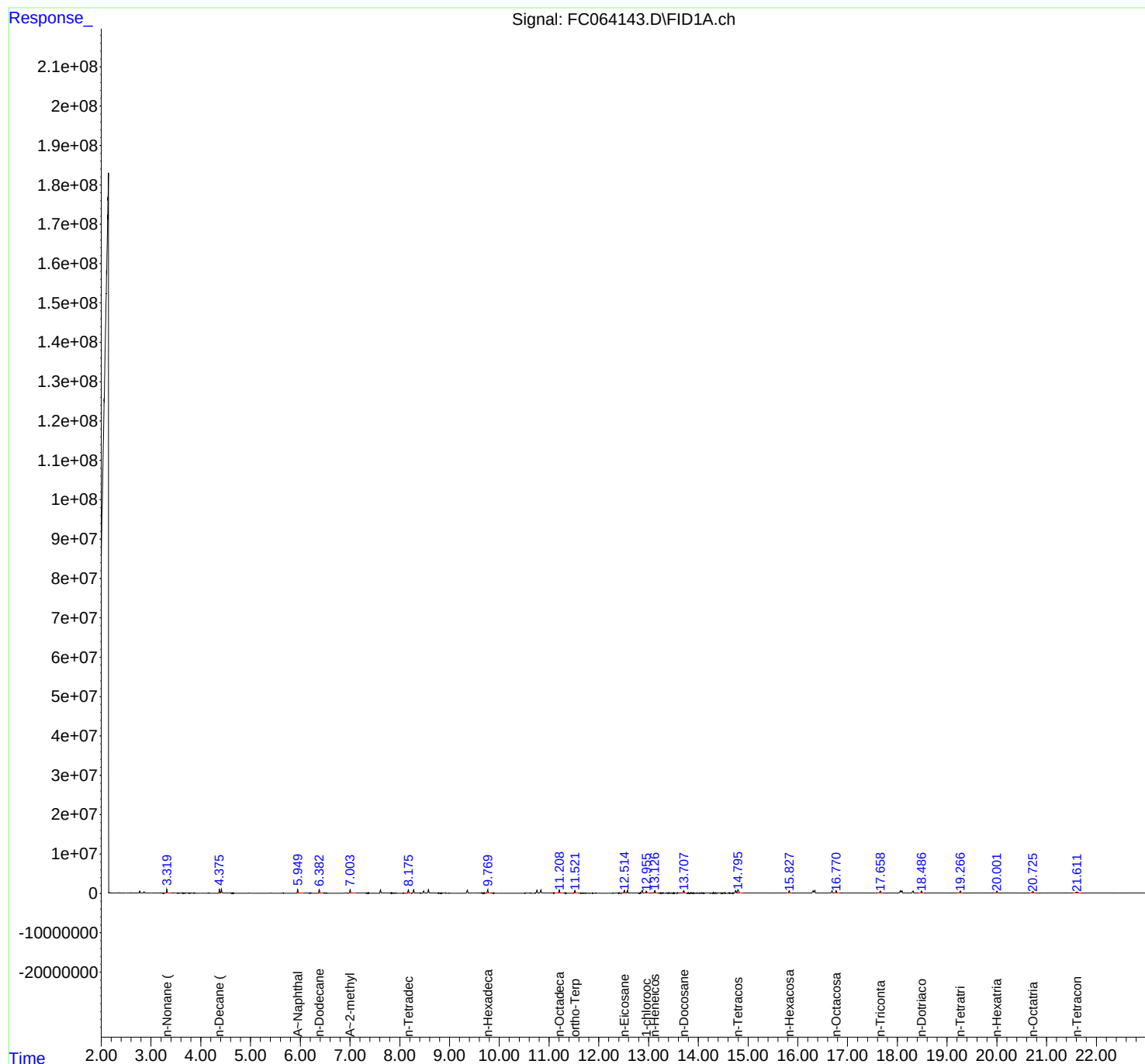
Response via : Initial Calibration

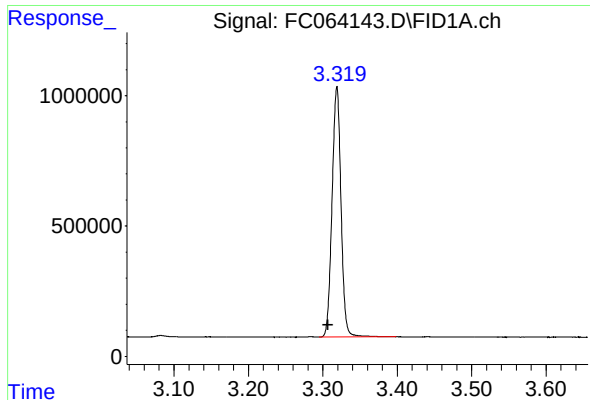
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: 0.012 min
Response: 8033946
Conc: 45.05 ug/ml

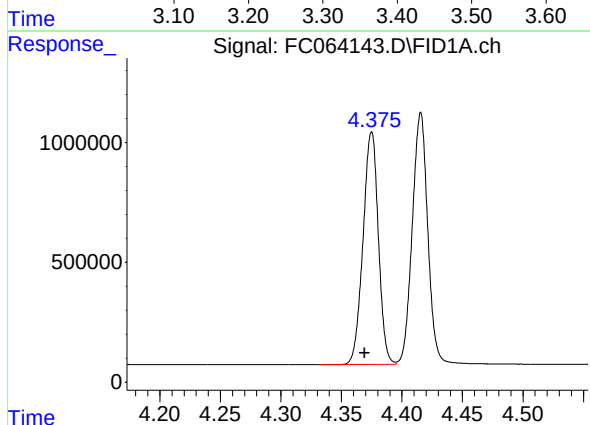
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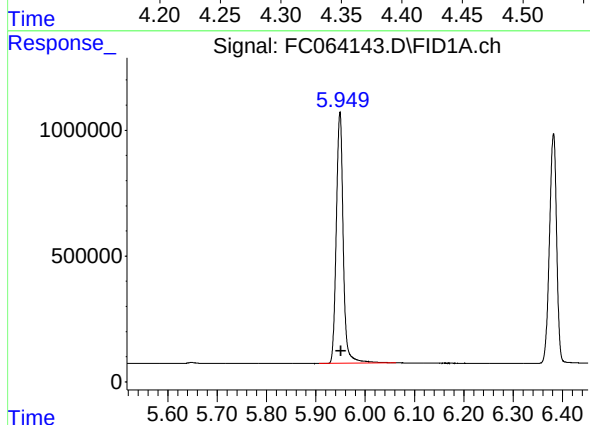
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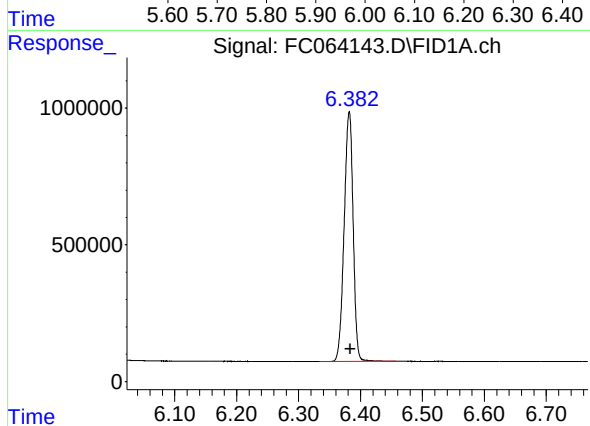
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: 0.006 min
Response: 8557843
Conc: 47.29 ug/ml



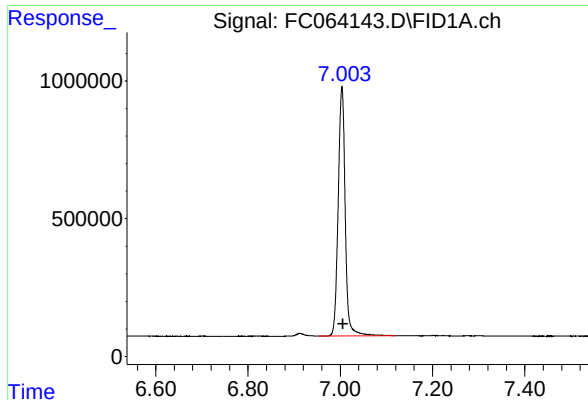
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 9774197
Conc: 52.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 9213840
Conc: 51.15 ug/ml



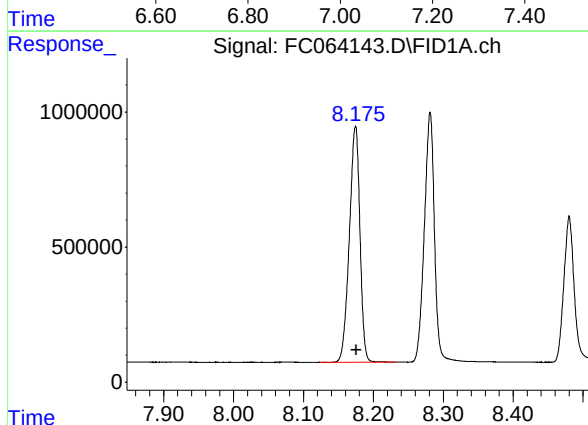
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 9582735
Conc: 54.45 ug/ml

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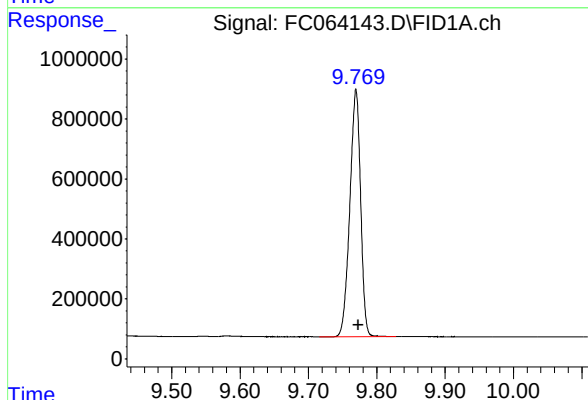
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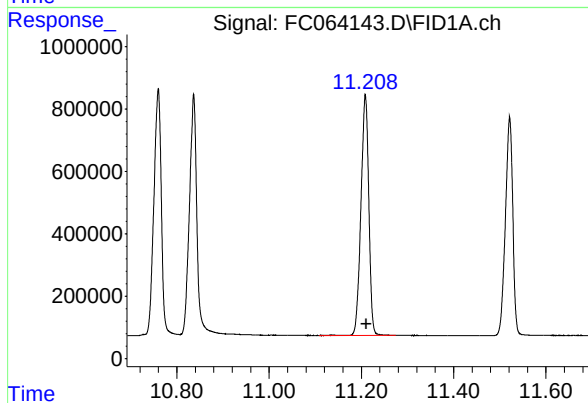
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 9192011
Conc: 53.14 ug/ml



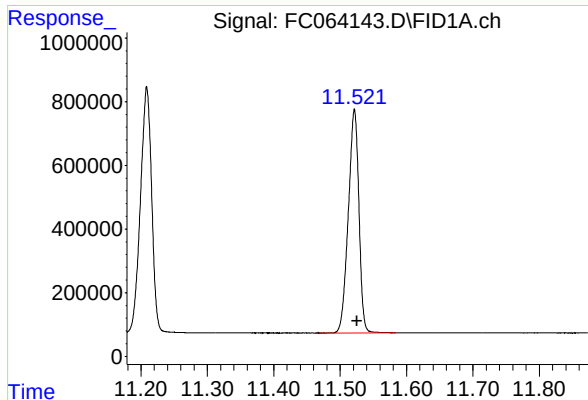
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.004 min
Response: 9018120
Conc: 51.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.002 min
Response: 9106806
Conc: 52.84 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.003 min
Response: 7778744
Conc: 40.06 ug/ml

Instrument :

FID_C

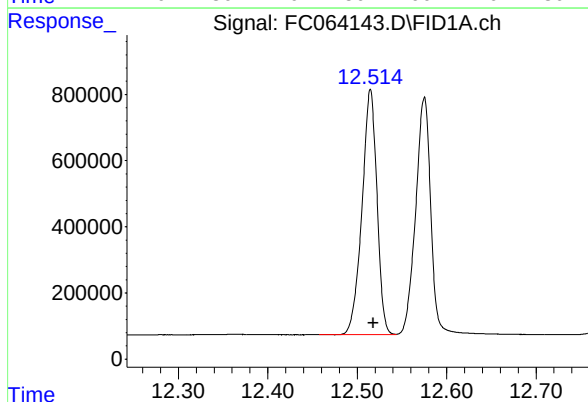
ClientSampleId :

PB154260BS

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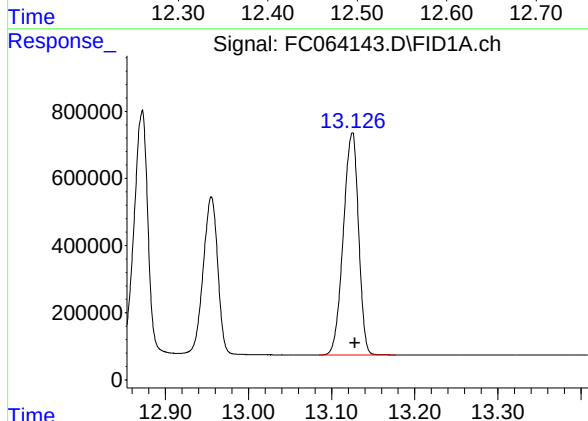
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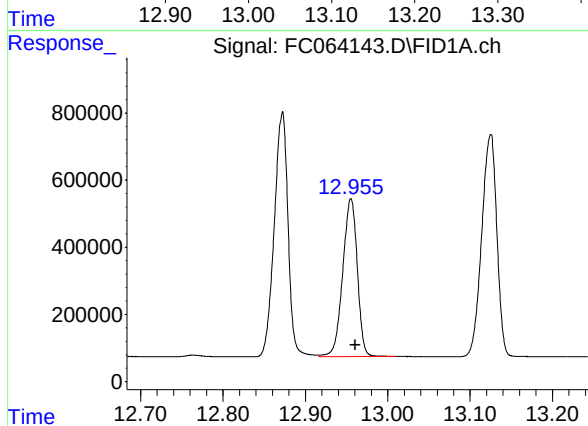
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.003 min
Response: 8615149
Conc: 52.77 ug/ml



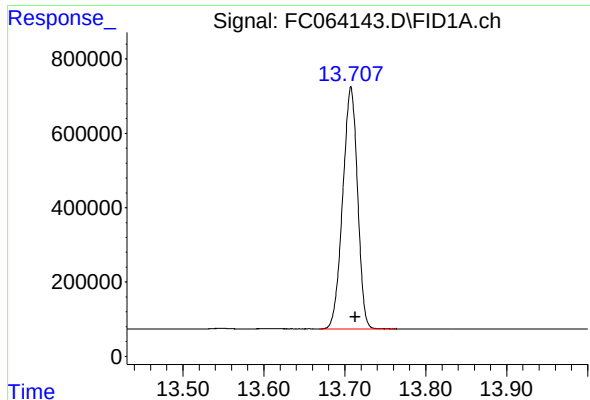
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: -0.003 min
Response: 8428655
Conc: 52.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.955 min
Delta R.T.: -0.005 min
Response: 5762388
Conc: 41.42 ug/ml



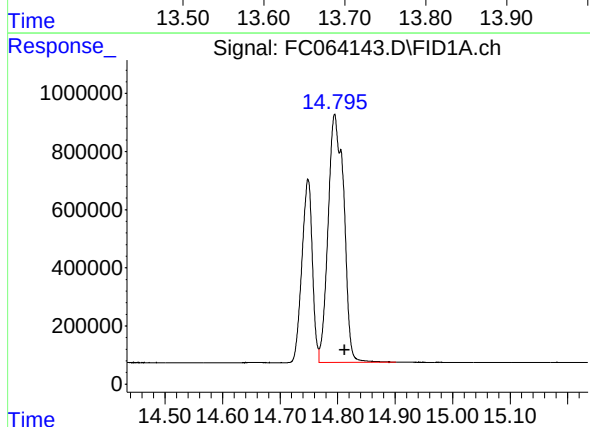
#13 n-Docosane (C22)

R.T.: 13.708 min
Delta R.T.: -0.005 min
Response: 8293055
Conc: 52.78 ug/ml

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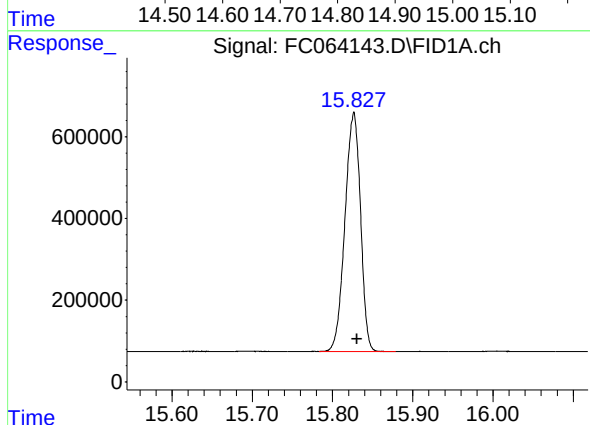
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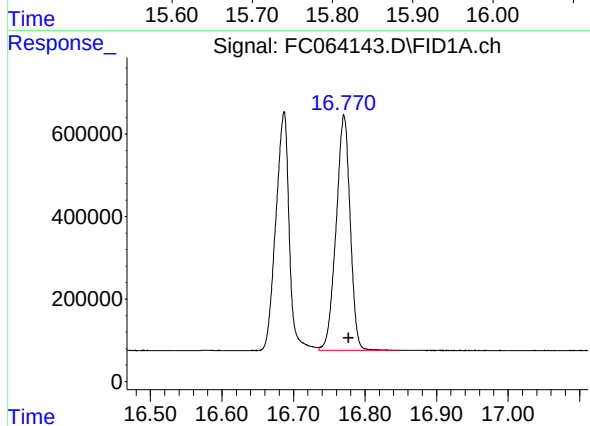
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: -0.017 min
Response: 16202968
Conc: 102.80 ug/ml



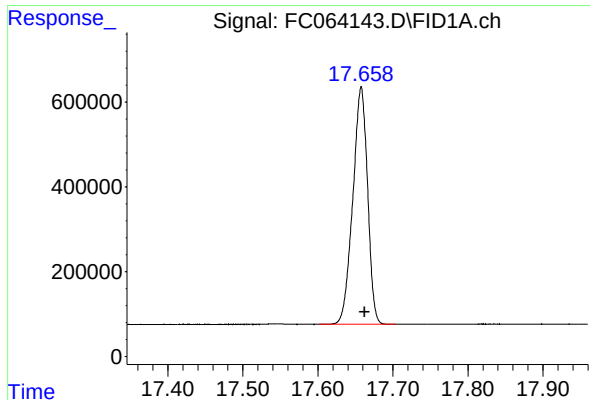
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.004 min
Response: 7879055
Conc: 52.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min
Delta R.T.: -0.006 min
Response: 7814020
Conc: 51.86 ug/ml



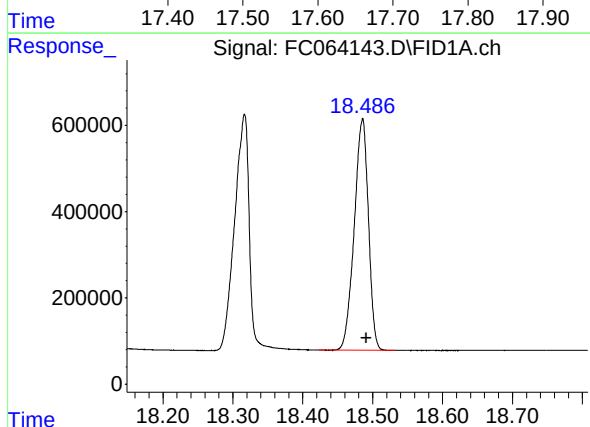
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: -0.004 min
Response: 7651497
Conc: 49.01 ug/ml

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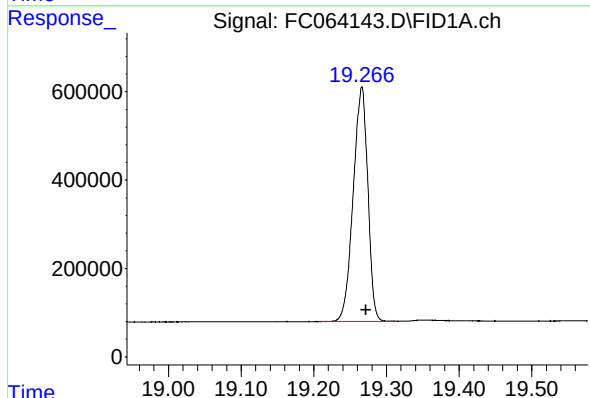
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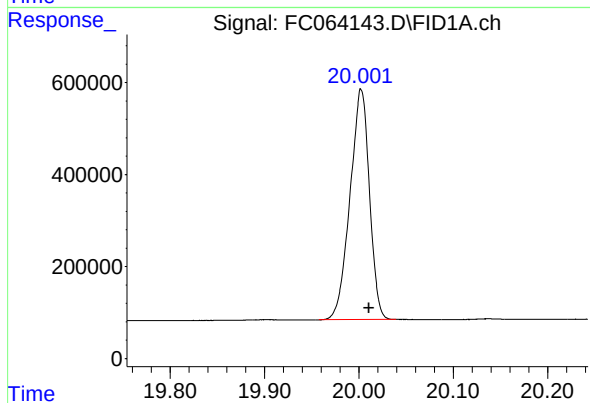
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.005 min
Response: 7574639
Conc: 47.95 ug/ml



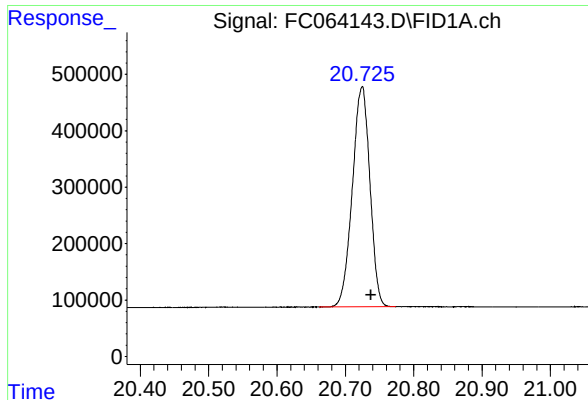
#19 n-Tetatriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.006 min
Response: 7416422
Conc: 48.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.001 min
Delta R.T.: -0.009 min
Response: 7156621
Conc: 48.47 ug/ml m



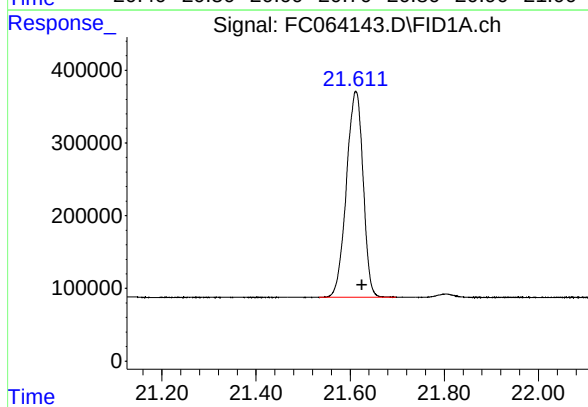
#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: -0.013 min
Response: 6968991
Conc: 47.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: -0.013 min
Response: 6960780
Conc: 47.76 ug/ml