

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051923AL\
 Data File : FC063643.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2023 14:50
 Operator : YP/AJ
 Sample : PB152894BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB152894BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/20/2023
 Supervised By :Ankita Jodhani 05/22/2023

Integration File: sample.E
 Quant Time: May 20 00:38:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.530	8484087	45.282 ug/ml
Spiked Amount 50.000		Recovery =	90.56%
12) S 1-chlorooctadecane (S...	12.964	6479676	49.483 ug/ml
Spiked Amount 50.000		Recovery =	98.97%
Target Compounds			
1) T n-Nonane (C9)	3.318	7153859	44.683 ug/ml
2) T n-Decane (C10)	4.376	7665757	47.374 ug/ml
3) T A~Naphthalene (C11.7)	5.952	8415707	49.567 ug/ml
4) T n-Dodecane (C12)	6.386	8034963	49.359 ug/ml
5) T A~2-methylnaphthalene...	7.008	8051747	49.781 ug/ml
6) T n-Tetradecane (C14)	8.181	7947005	50.319 ug/ml
7) T n-Hexadecane (C16)	9.777	8117658	50.600 ug/ml
8) T n-Octadecane (C18)	11.216	7895296	49.297 ug/ml
10) T n-Eicosane (C20)	12.524	7698753	50.745 ug/ml
11) T n-Heneicosane (C21)	13.132	7307784	49.867 ug/ml
13) T n-Docosane (C22)	13.717	7175845	49.728 ug/ml
14) T n-Tetracosane (C24)	14.817	4161712	29.586 ug/mlm
15) T n-Hexacosane (C26)	15.837	6831345	50.021 ug/ml
16) T n-Octacosane (C28)	16.782	6705737	50.698 ug/ml
17) T n-Tricontane (C30)	17.669	6682373	49.697 ug/ml
18) T n-Dotriacontane (C32)	18.495	6535598	48.948 ug/ml
19) T n-Tetratriacontane (C34)	19.276	6505087	50.113 ug/ml
20) T n-Hexatriacontane (C36)	20.013	6286249	50.762 ug/ml
21) T n-Octatriacontane (C38)	20.739	6365713	50.944 ug/ml
22) T n-Tetracontane (C40)	21.627	6361324	51.747 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB152894BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

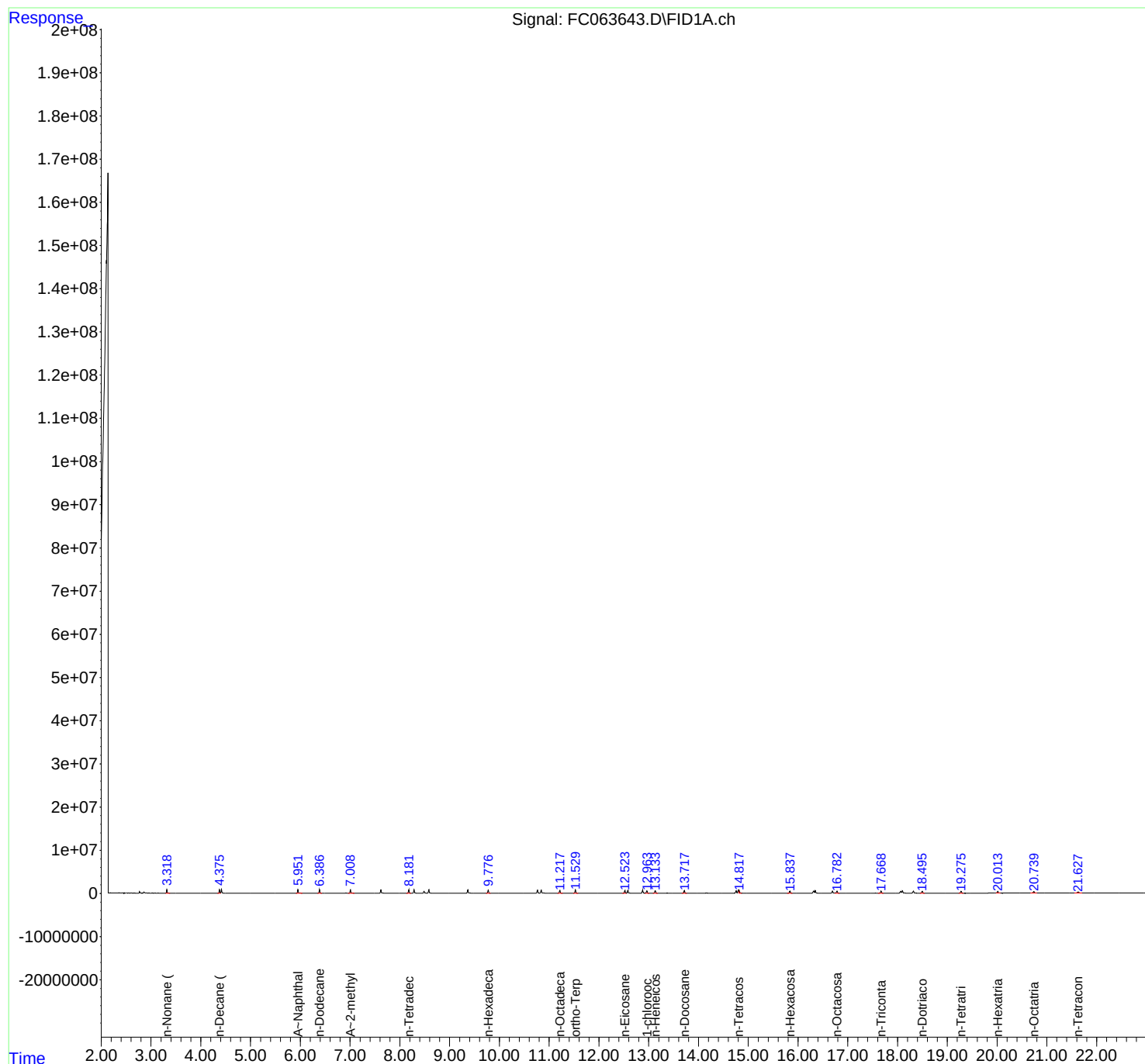
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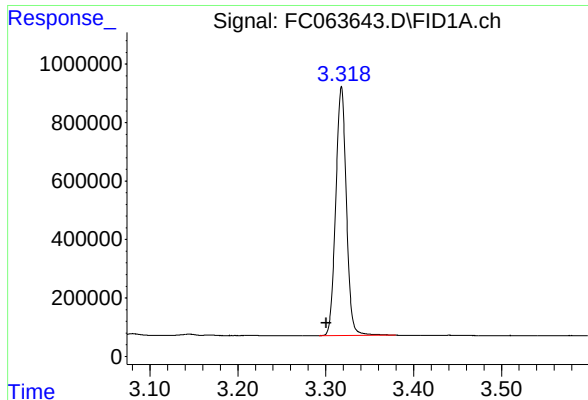
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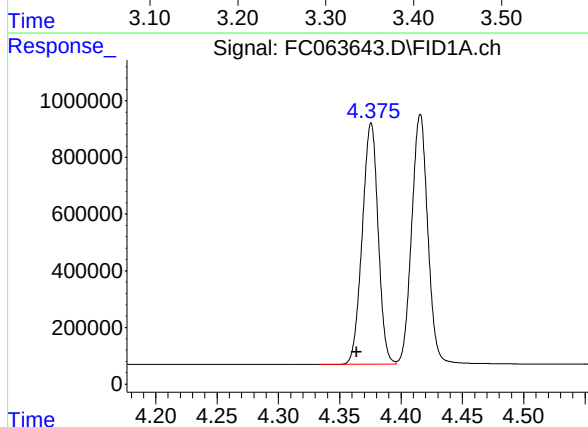
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: 0.017 min
Response: 7153859
Conc: 44.68 ug/ml

Instrument :
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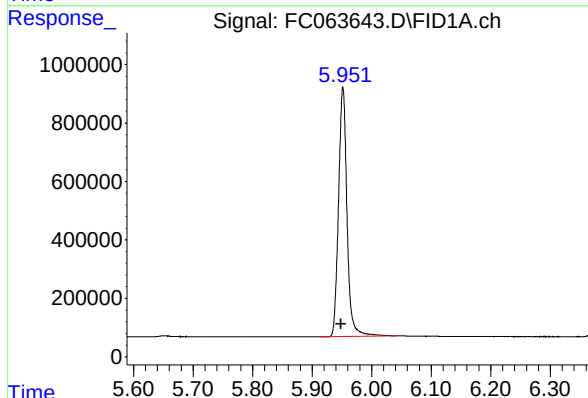
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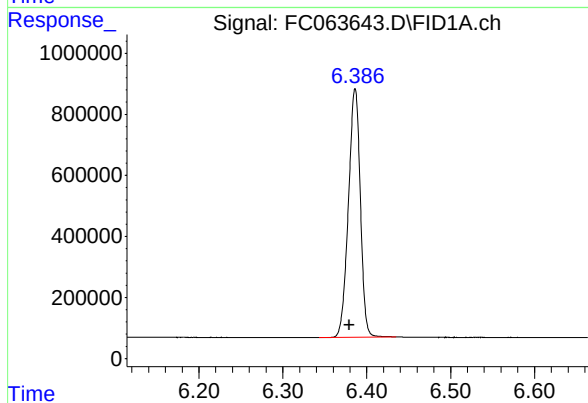
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.012 min
Response: 7665757
Conc: 47.37 ug/ml



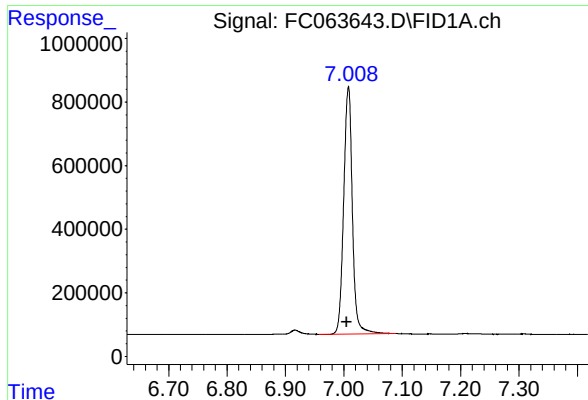
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.004 min
Response: 8415707
Conc: 49.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.386 min
Delta R.T.: 0.007 min
Response: 8034963
Conc: 49.36 ug/ml



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

R.T.: 7.008 min
Delta R.T.: 0.003 min
Response: 8051747
Conc: 49.78 ug/ml

Instrument :

FID_C

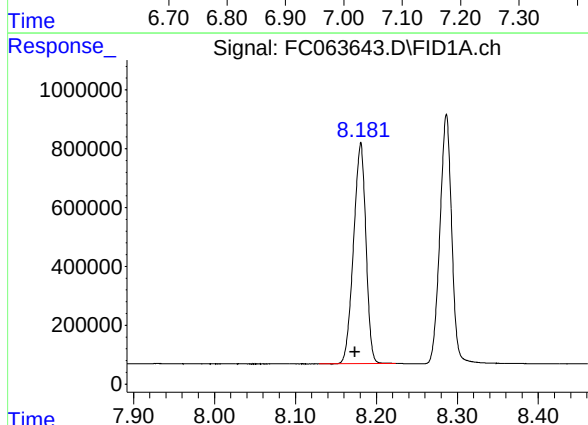
ClientSampleId :

PB152894BSD

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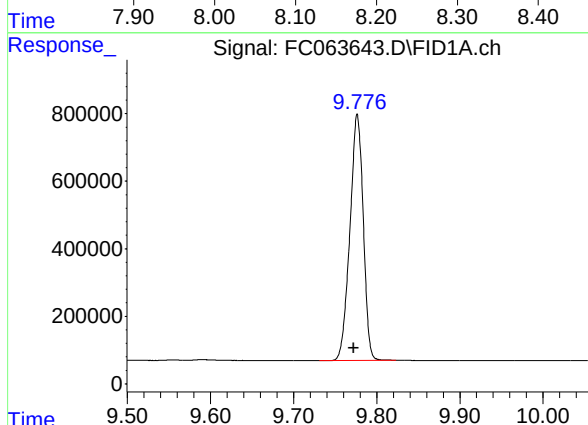
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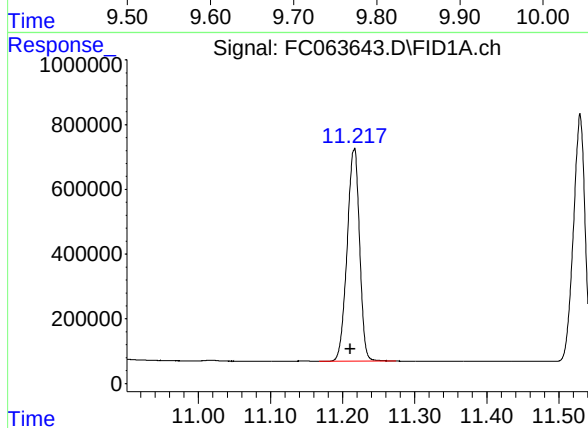
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: 0.007 min
Response: 7947005
Conc: 50.32 ug/ml



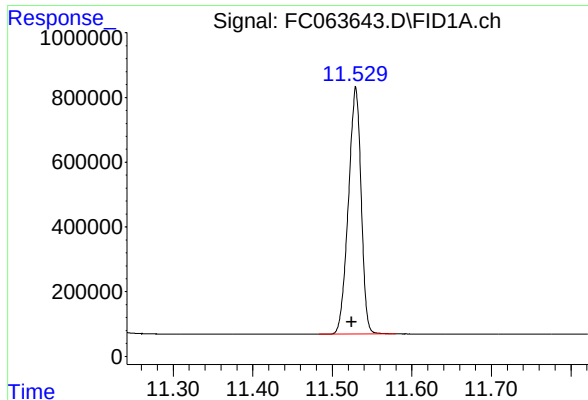
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.004 min
Response: 8117658
Conc: 50.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: 0.005 min
Response: 7895296
Conc: 49.30 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: 0.005 min
Response: 8484087
Conc: 45.28 ug/ml

Instrument :

FID_C

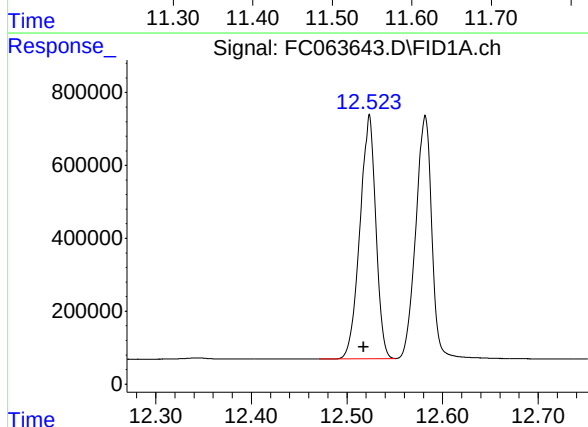
ClientSampleId :

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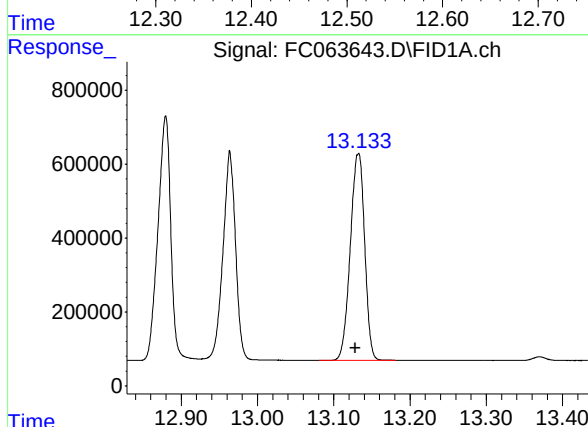
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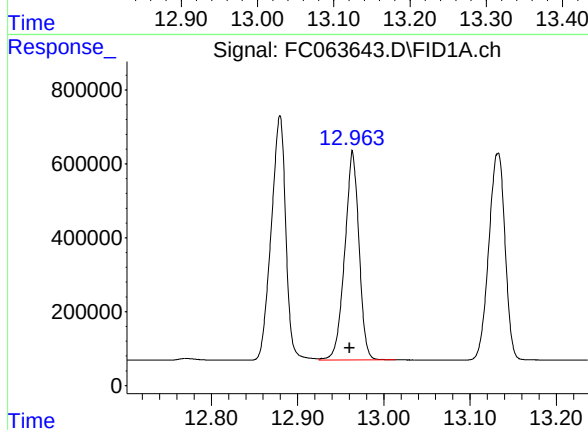
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: 0.006 min
Response: 7698753
Conc: 50.75 ug/ml



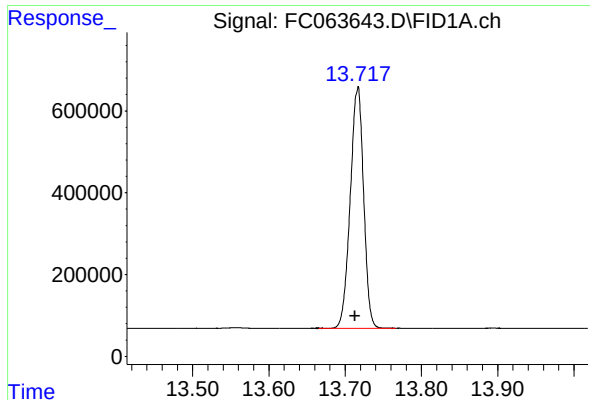
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: 0.004 min
Response: 7307784
Conc: 49.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.964 min
Delta R.T.: 0.004 min
Response: 6479676
Conc: 49.48 ug/ml



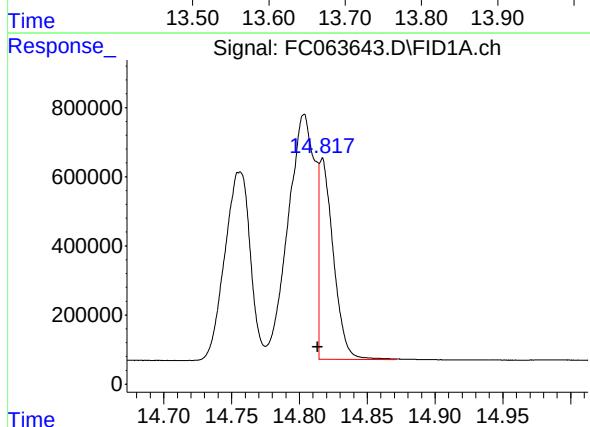
#13 n-Docosane (C22)

R.T.: 13.717 min
Delta R.T.: 0.004 min
Response: 7175845
Conc: 49.73 ug/ml

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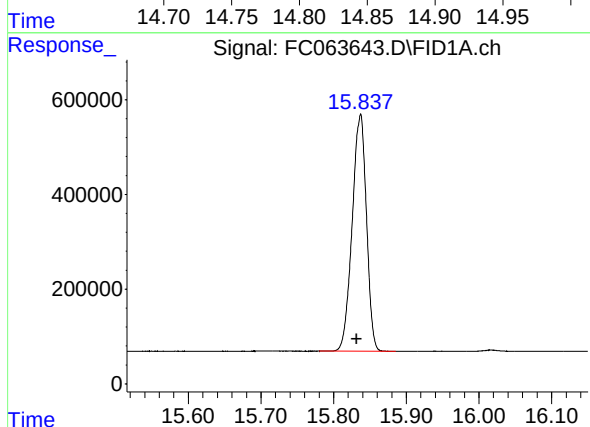
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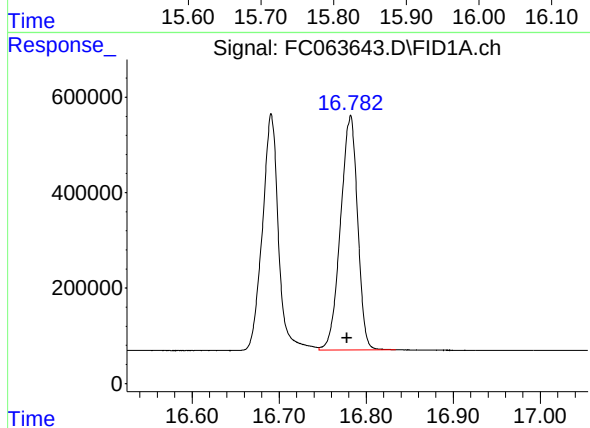
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: 0.004 min
Response: 4161712
Conc: 29.59 ug/ml



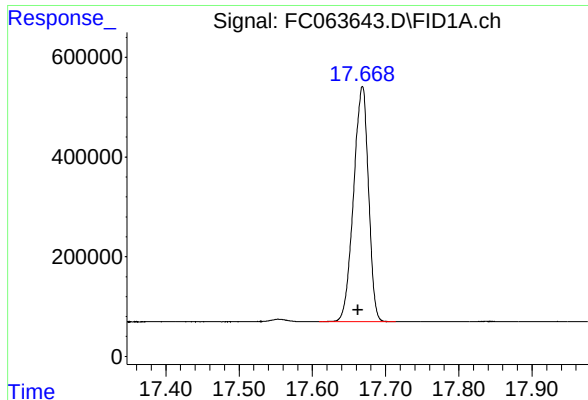
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: 0.006 min
Response: 6831345
Conc: 50.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: 0.004 min
Response: 6705737
Conc: 50.70 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.669 min
Delta R.T.: 0.006 min
Response: 6682373
Conc: 49.70 ug/ml

Instrument :

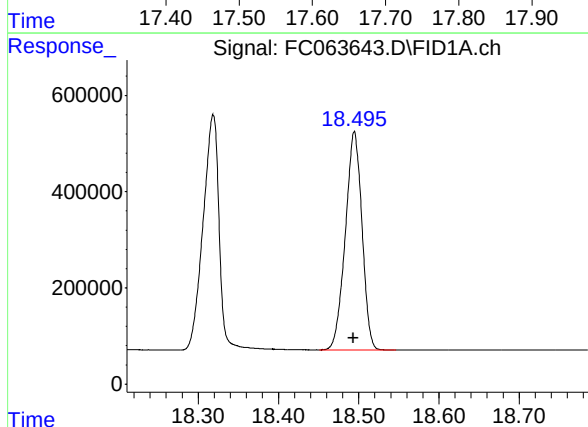
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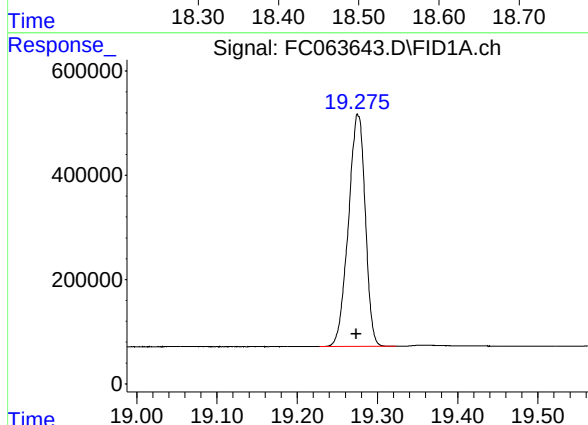
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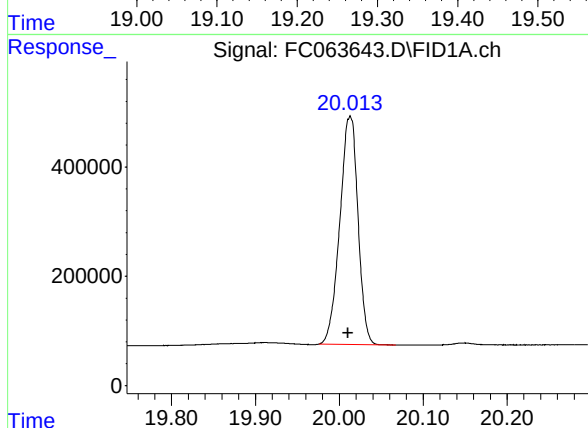
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: 0.001 min
Response: 6535598
Conc: 48.95 ug/ml



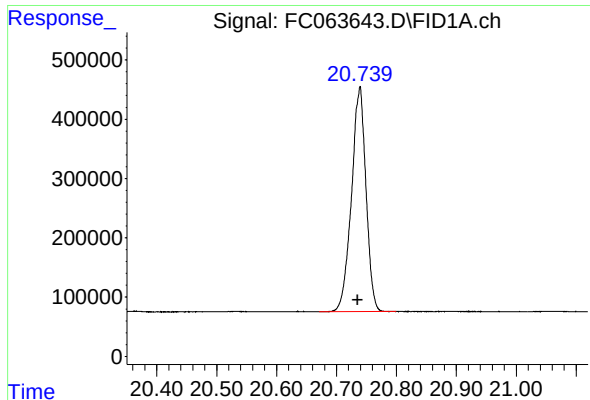
#19 n-Tetratriacontane (C34)

R.T.: 19.276 min
Delta R.T.: 0.002 min
Response: 6505087
Conc: 50.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: 0.003 min
Response: 6286249
Conc: 50.76 ug/ml



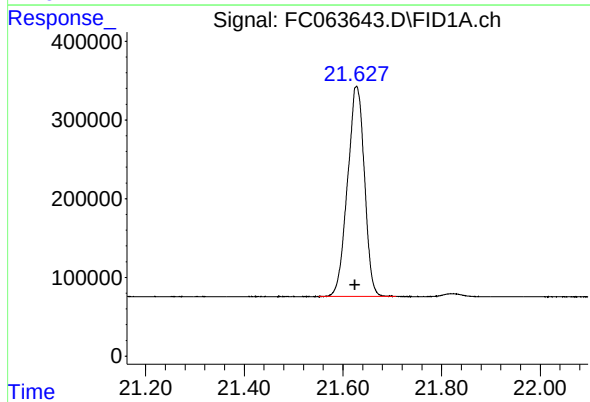
#21 n-Octatriacontane (C38)

R.T.: 20.739 min
Delta R.T.: 0.004 min
Response: 6365713
Conc: 50.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.627 min
Delta R.T.: 0.003 min
Response: 6361324
Conc: 51.75 ug/ml