

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070623AL\
 Data File : FC064052.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jul 2023 15:21
 Operator : YP/AJ
 Sample : PB154011BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB154011BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :Ankita Jodhani 07/07/2023

Integration File: autoint1.e
 Quant Time: Jul 07 02:45:34 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)	11.524	7778717	40.063 ug/ml
Spiked Amount 50.000		Recovery =	80.13%
12) S 1-chlorooctadecane (S...	12.958	6198922	44.555 ug/ml
Spiked Amount 50.000		Recovery =	89.11%
Target Compounds			
1) T n-Nonane (C9)	3.324	7682093	43.073 ug/ml
2) T n-Decane (C10)	4.378	7971762	44.054 ug/ml
3) T A~Naphthalene (C11.7)	5.951	8937767	47.916 ug/ml
4) T n-Dodecane (C12)	6.384	8376045	46.495 ug/ml
5) T A~2-methylnaphthalene...	7.006	8601634	48.876 ug/ml
6) T n-Tetradecane (C14)	8.176	8356408	48.306 ug/ml
7) T n-Hexadecane (C16)	9.773	8126414	46.781 ug/ml
8) T n-Octadecane (C18)	11.211	8103500	47.019 ug/ml
10) T n-Eicosane (C20)	12.517	7547105	46.231 ug/ml
11) T n-Heneicosane (C21)	13.126	7316690	45.666 ug/ml
13) T n-Docosane (C22)	13.711	7163317	45.587 ug/ml
14) T n-Tetracosane (C24)	14.796	14112563	89.534 ug/ml
15) T n-Hexacosane (C26)	15.829	6753820	44.702 ug/ml
16) T n-Octacosane (C28)	16.773	6752112	44.810 ug/ml
17) T n-Tricontane (C30)	17.661	6680719	42.790 ug/ml
18) T n-Dotriacontane (C32)	18.488	6703473	42.433 ug/ml
19) T n-Tetratriacontane (C34)	19.268	6639753	43.149 ug/ml
20) T n-Hexatriacontane (C36)	20.007	6478650	43.882 ug/mlm
21) T n-Octatriacontane (C38)	20.728	6325893	42.706 ug/ml
22) T n-Tetracontane (C40)	21.617	6314055	43.319 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070623AL\
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Operator : YP/AJ
Sample : PB154011BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

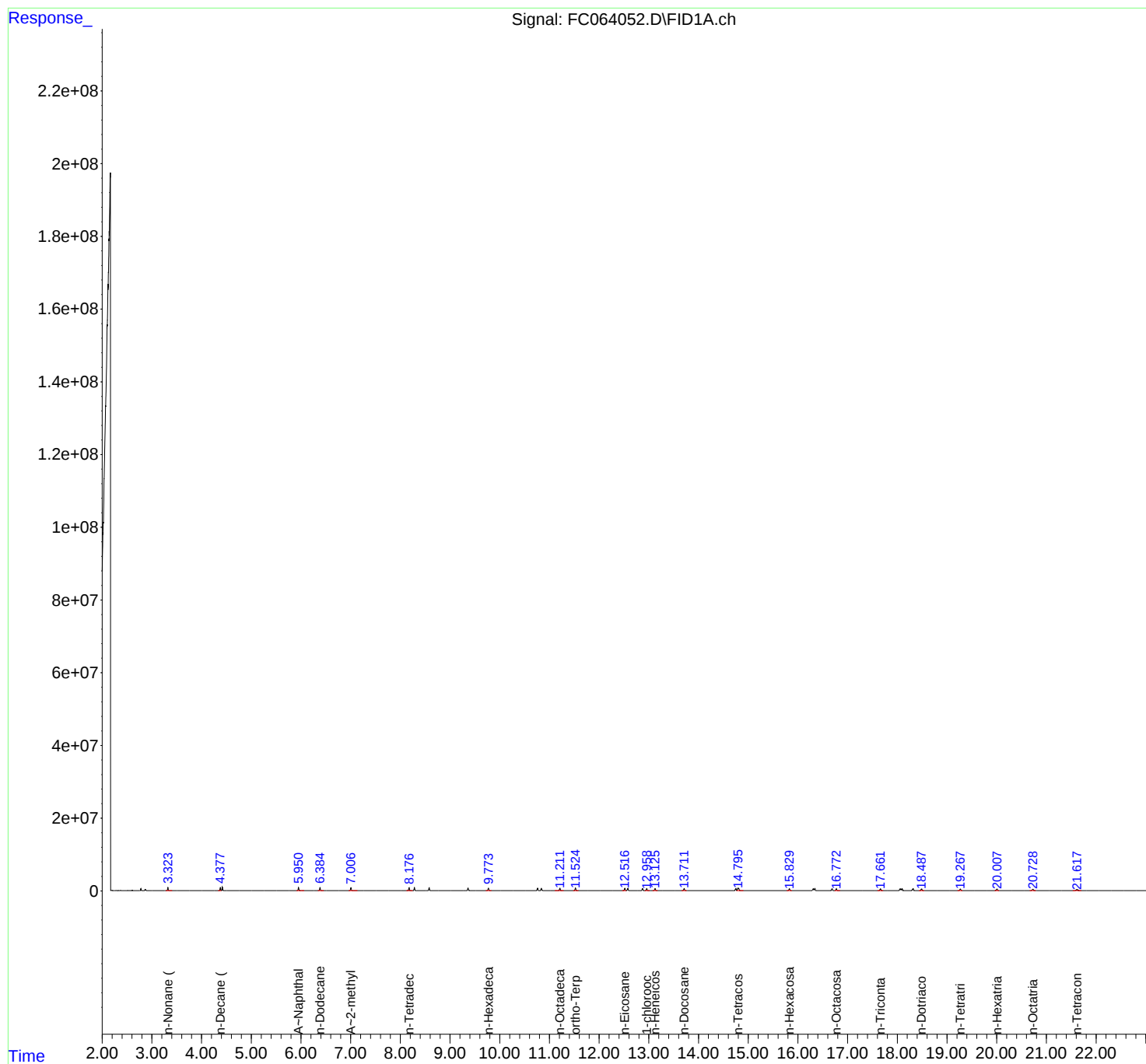
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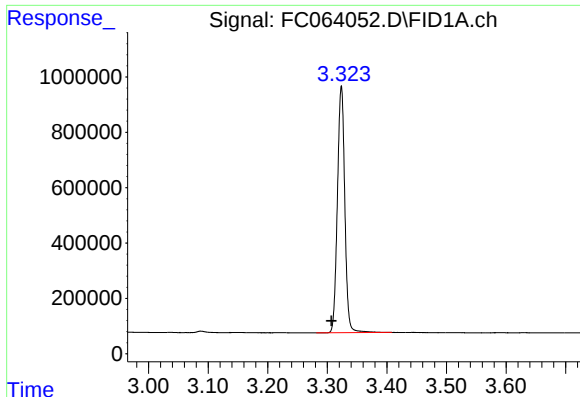
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#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: 0.017 min
Response: 7682093
Conc: 43.07 ug/ml

Instrument :

FID_C

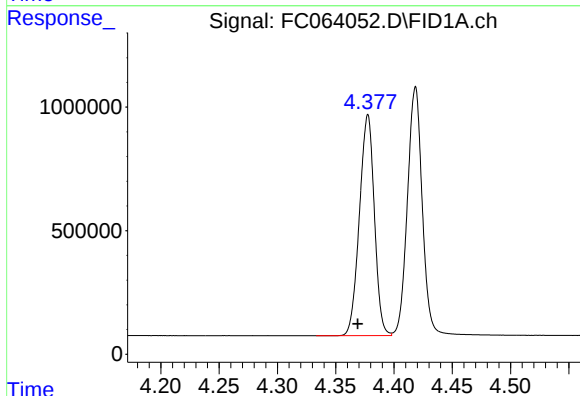
ClientSampleId :

PB154011BSD

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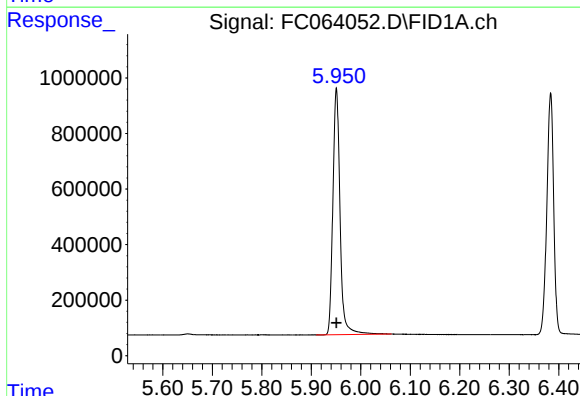
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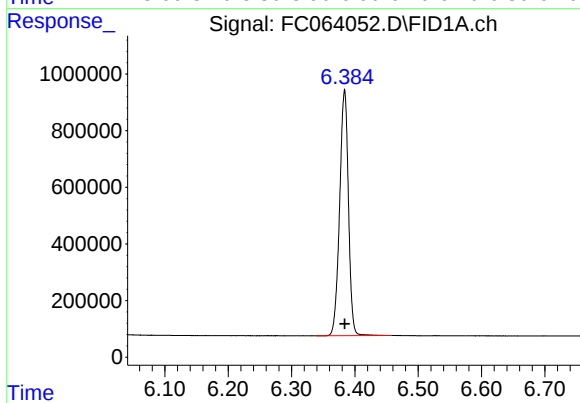
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: 0.009 min
Response: 7971762
Conc: 44.05 ug/ml



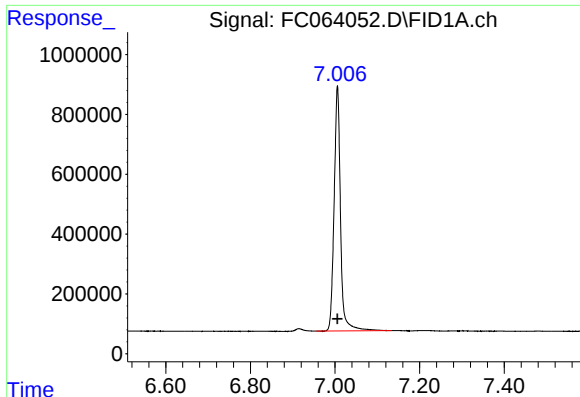
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 8937767
Conc: 47.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 8376045
Conc: 46.50 ug/ml



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

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 8601634
Conc: 48.88 ug/ml

Instrument :

FID_C

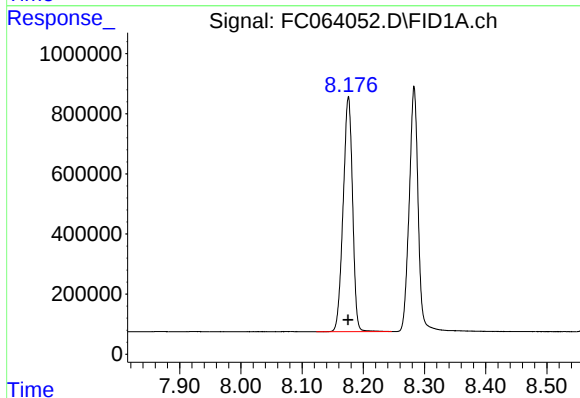
ClientSampleId :

PB154011BSD

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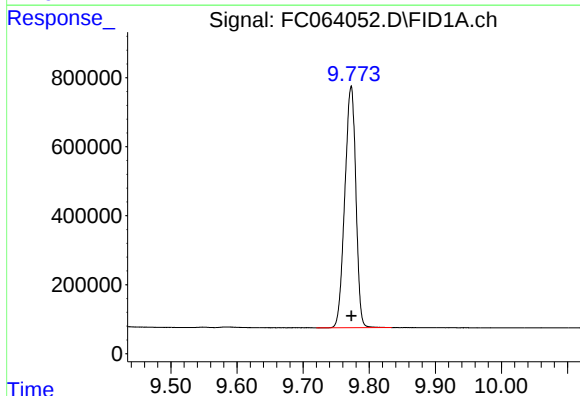
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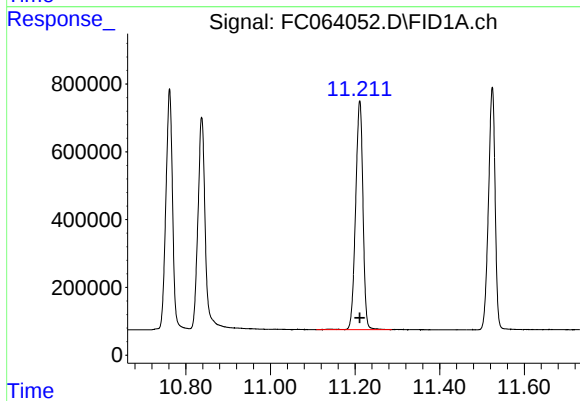
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 8356408
Conc: 48.31 ug/ml



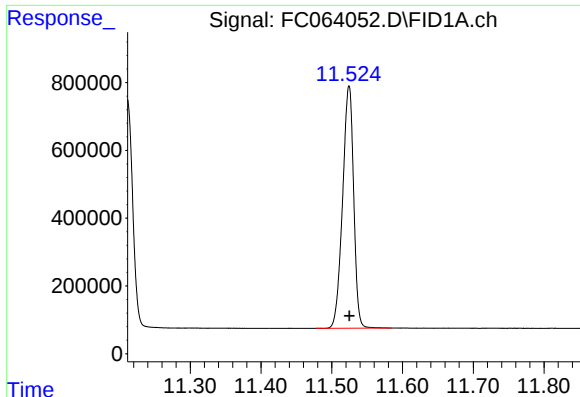
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 8126414
Conc: 46.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: 0.000 min
Response: 8103500
Conc: 47.02 ug/ml



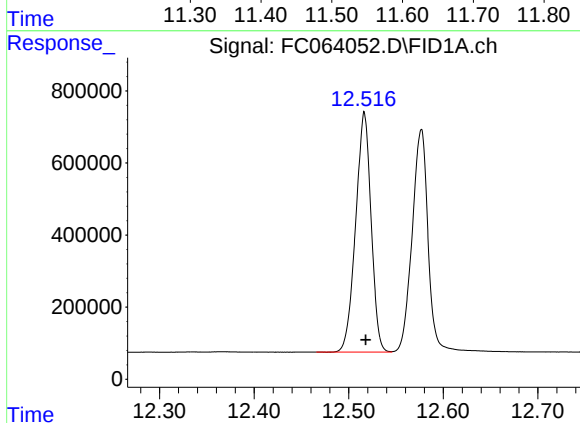
#9 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: 0.000 min
Response: 7778717
Conc: 40.06 ug/ml

Instrument :
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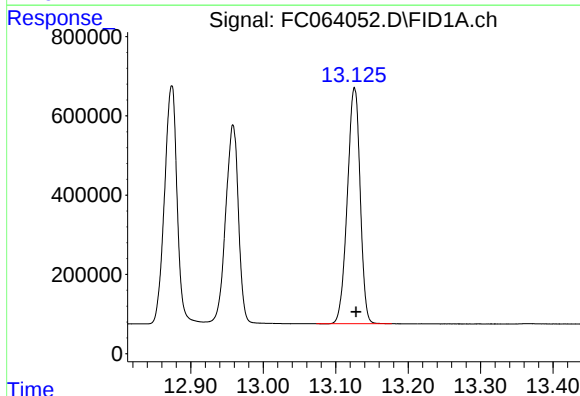
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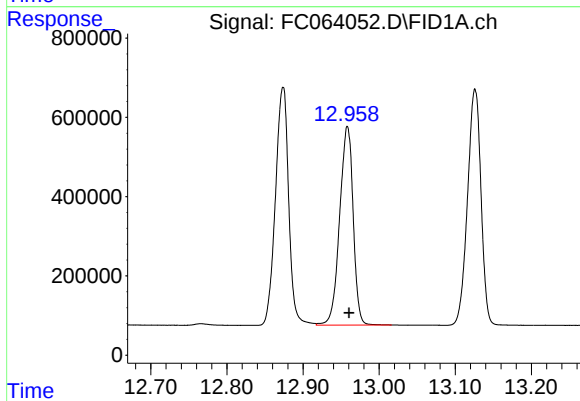
#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: -0.002 min
Response: 7547105
Conc: 46.23 ug/ml



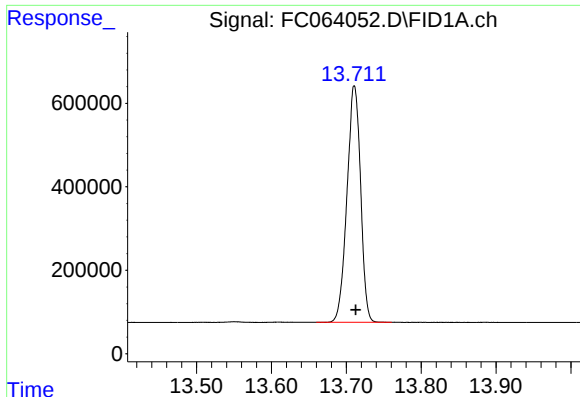
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.002 min
Response: 7316690
Conc: 45.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.002 min
Response: 6198922
Conc: 44.55 ug/ml



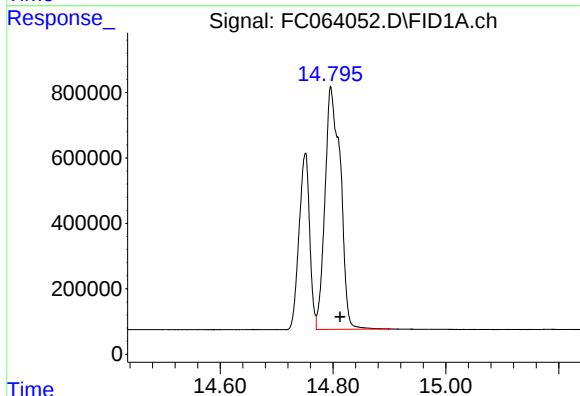
#13 n-Docosane (C22)

R.T.: 13.711 min
Delta R.T.: -0.002 min
Response: 7163317
Conc: 45.59 ug/ml

Instrument :
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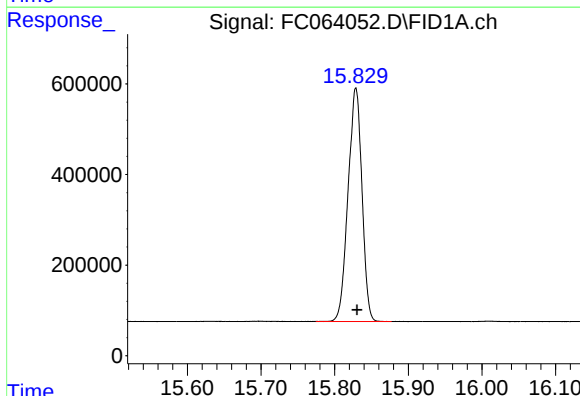
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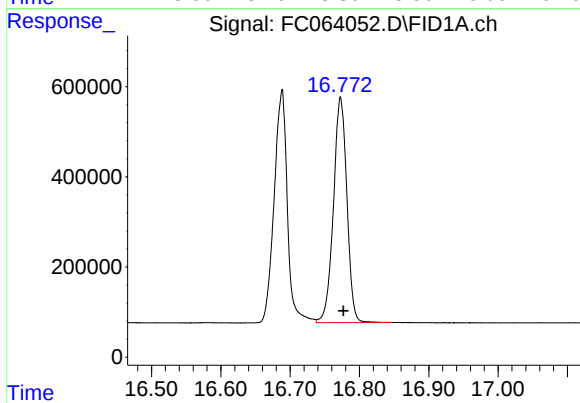
#14 n-Tetracosane (C24)

R.T.: 14.796 min
Delta R.T.: -0.016 min
Response: 14112563
Conc: 89.53 ug/ml



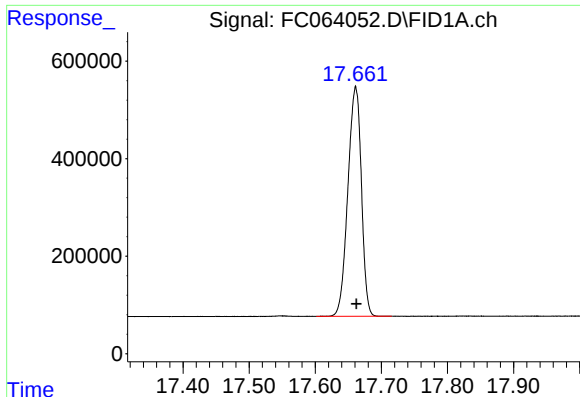
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.001 min
Response: 6753820
Conc: 44.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: -0.004 min
Response: 6752112
Conc: 44.81 ug/ml



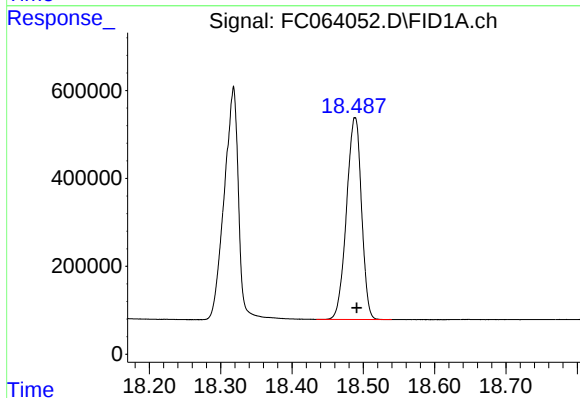
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: 0.000 min
Response: 6680719
Conc: 42.79 ug/ml

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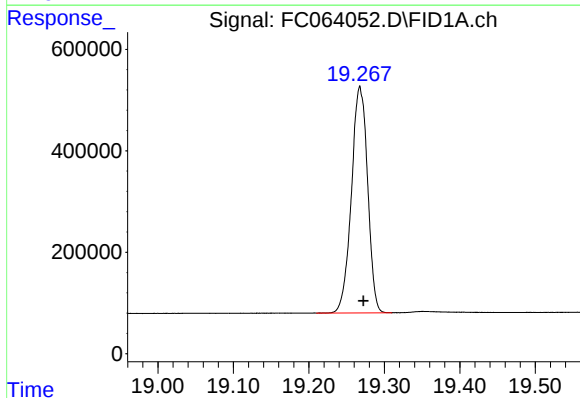
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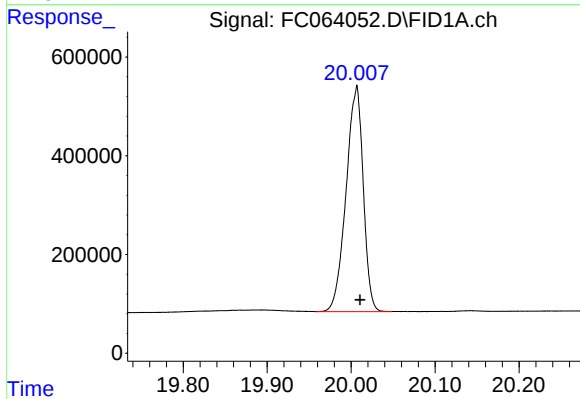
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: -0.002 min
Response: 6703473
Conc: 42.43 ug/ml



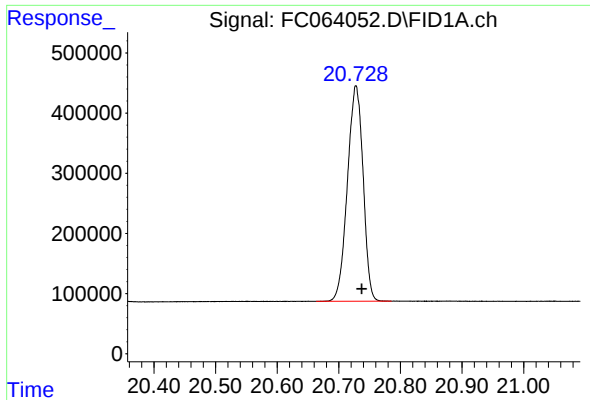
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.005 min
Response: 6639753
Conc: 43.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: -0.004 min
Response: 6478650
Conc: 43.88 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.010 min
Response: 6325893
Conc: 42.71 ug/ml

Instrument :

FID_C

ClientSampleId :

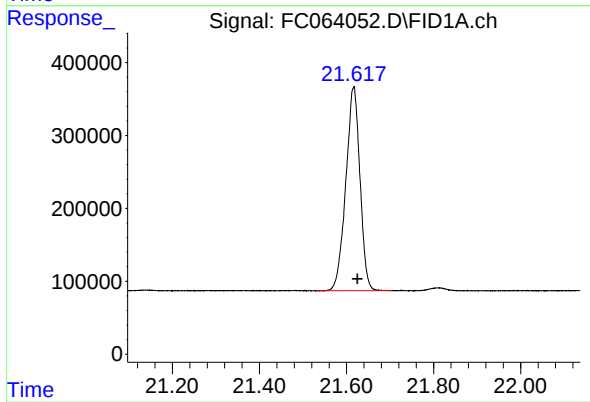
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#22 n-Tetracontane (C40)

R.T.: 21.617 min
Delta R.T.: -0.009 min
Response: 6314055
Conc: 43.32 ug/ml