

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111423AL\
 Data File : FC065140.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2023 15:48
 Operator : YP/AJ
 Sample : PB157139BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB157139BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2023
 Supervised By :Ankita Jodhani 11/15/2023

Integration File: autoint1.e
 Quant Time: Nov 14 21:28:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.510	8285277	37.646 ug/ml
Spiked Amount 50.000		Recovery =	75.29%
12) S 1-chlorooctadecane (S...	12.940	6395436	40.456 ug/ml
Spiked Amount 50.000		Recovery =	80.91%
Target Compounds			
1) T n-Nonane (C9)	3.320	7960092	42.102 ug/ml
2) T n-Decane (C10)	4.375	8817802	46.374 ug/ml
3) T A~Naphthalene (C11.7)	5.950	9375569	48.559 ug/ml
4) T n-Dodecane (C12)	6.380	9396207	48.641 ug/ml
5) T A~2-methylnaphthalene...	7.003	9385746	51.075 ug/mlm
6) T n-Tetradecane (C14)	8.170	9402742	49.832 ug/ml
7) T n-Hexadecane (C16)	9.762	9287187	49.132 ug/ml
8) T n-Octadecane (C18)	11.197	9203473	48.766 ug/ml
10) T n-Eicosane (C20)	12.500	9032406	50.241 ug/ml
11) T n-Heneicosane (C21)	13.108	8607277	49.025 ug/ml
13) T n-Docosane (C22)	13.692	8432436	49.091 ug/ml
14) T n-Tetracosane (C24)	14.784	15856097	95.200 ug/ml
15) T n-Hexacosane (C26)	15.805	7954758	49.560 ug/ml
16) T n-Octacosane (C28)	16.750	8112047	51.834 ug/ml
17) T n-Tricontane (C30)	17.635	7859451	49.620 ug/ml
18) T n-Dotriacontane (C32)	18.462	7715818	48.867 ug/ml
19) T n-Tetratriacontane (C34)	19.242	7500155	49.136 ug/ml
20) T n-Hexatriacontane (C36)	19.979	7108061	47.111 ug/ml
21) T n-Octatriacontane (C38)	20.698	6984442	46.934 ug/ml
22) T n-Tetracontane (C40)	21.575	6820111	46.370 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB157139BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

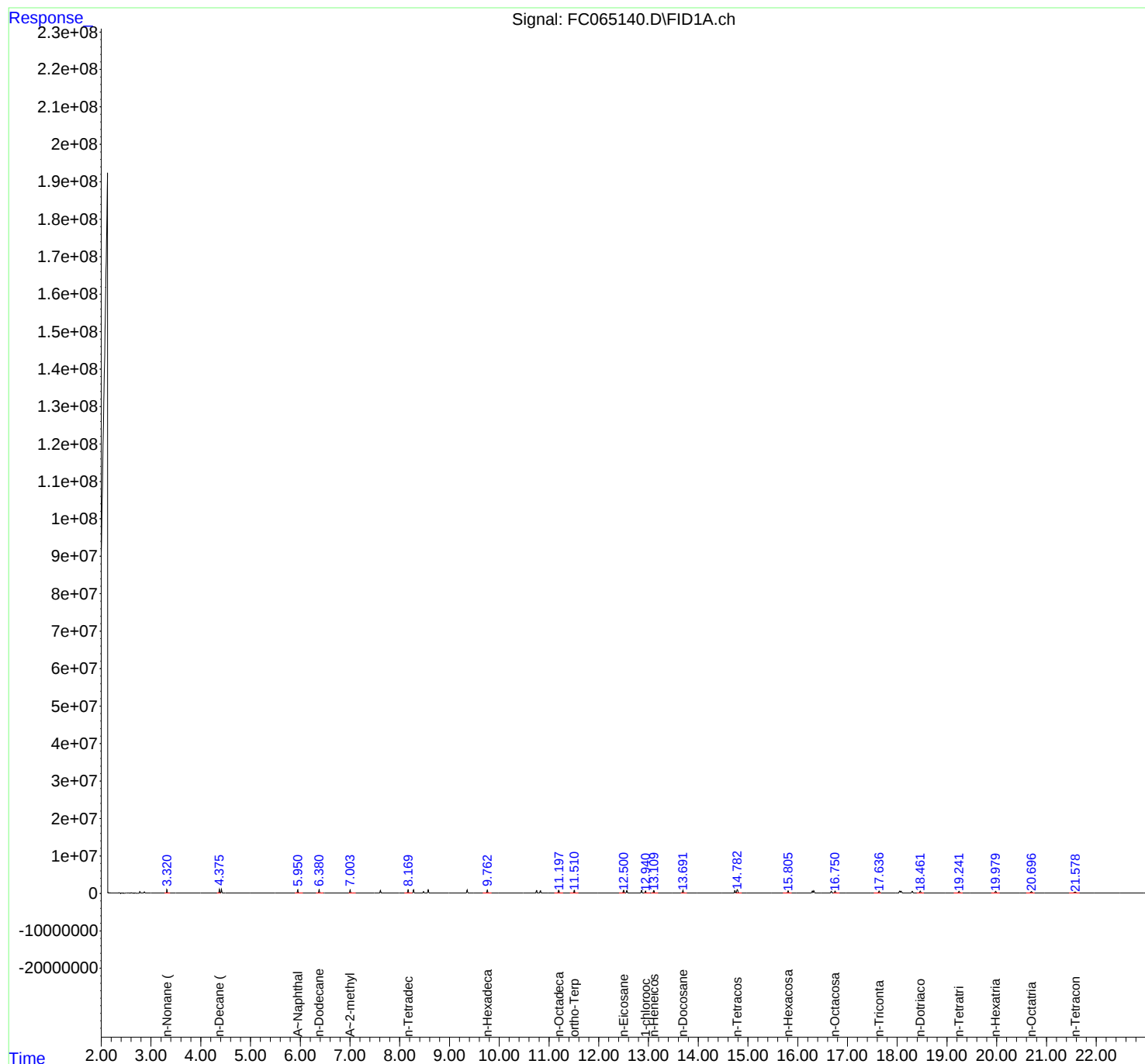
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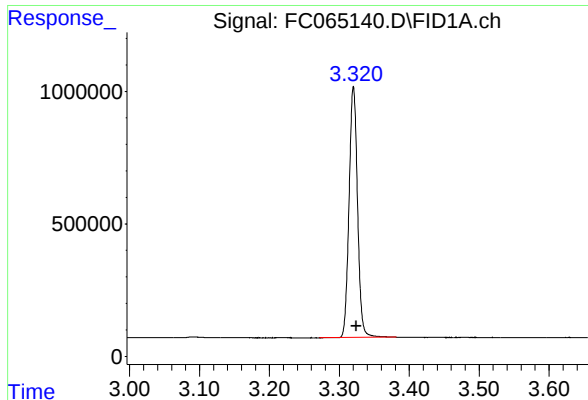
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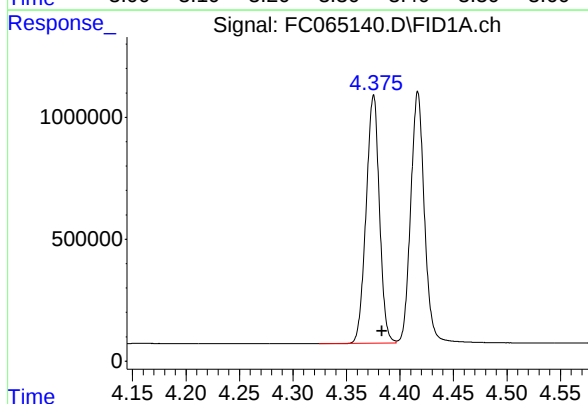
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.004 min
Response: 7960092
Conc: 42.10 ug/ml

Instrument :
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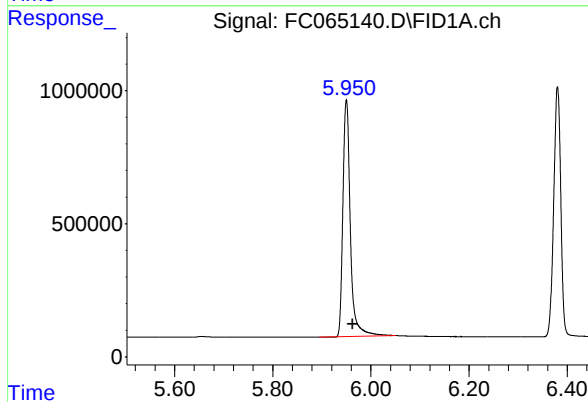
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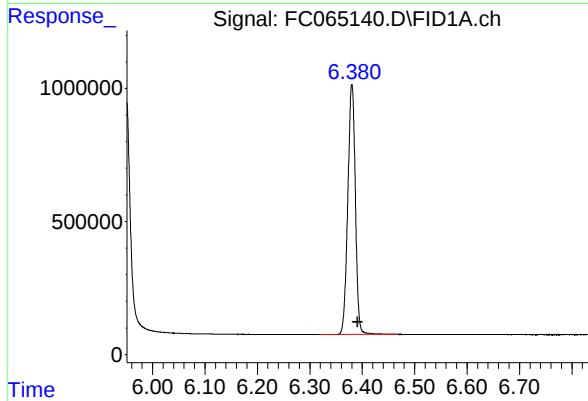
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.008 min
Response: 8817802
Conc: 46.37 ug/ml



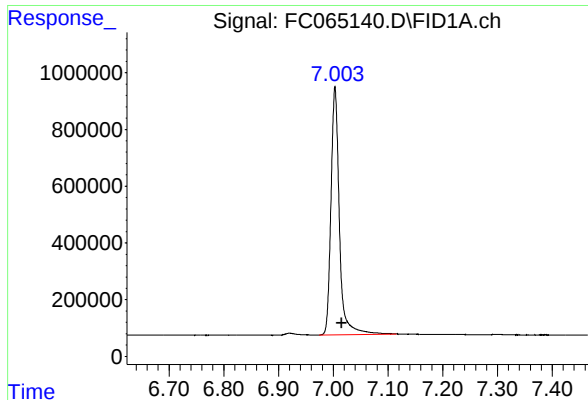
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.013 min
Response: 9375569
Conc: 48.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: -0.011 min
Response: 9396207
Conc: 48.64 ug/ml



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

R.T.: 7.003 min
Delta R.T.: -0.013 min
Response: 9385746
Conc: 51.08 ug/ml

Instrument :

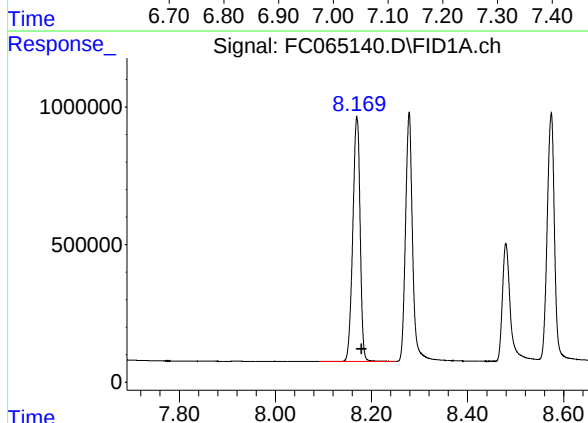
FID_C

ClientSampleId :

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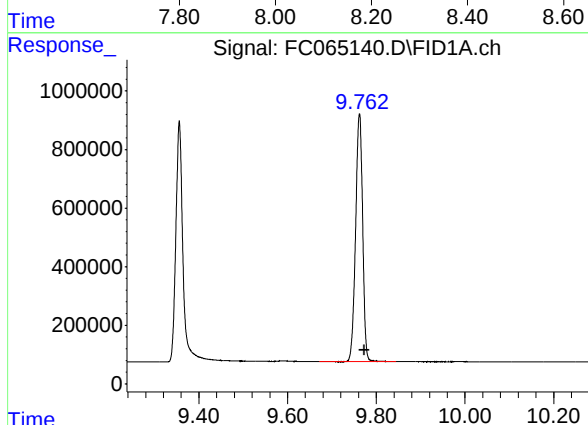
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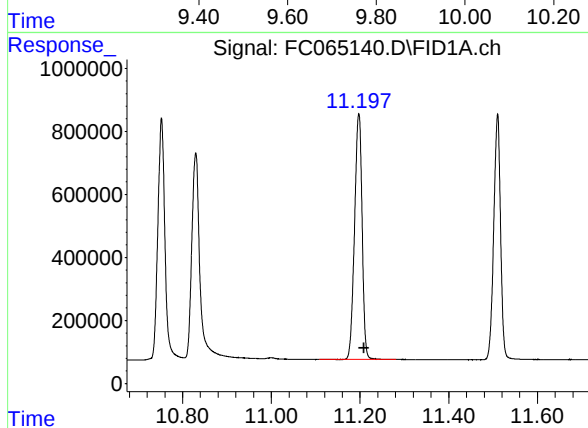
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.010 min
Response: 9402742
Conc: 49.83 ug/ml



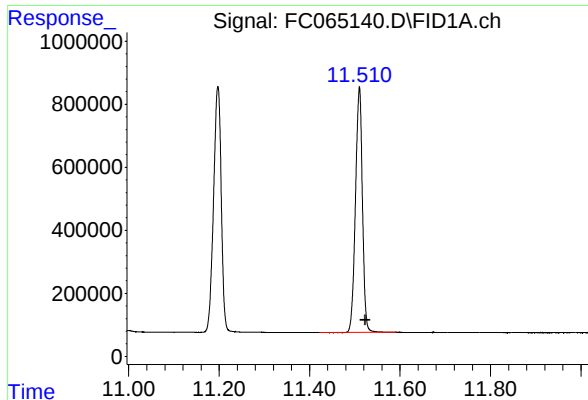
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.011 min
Response: 9287187
Conc: 49.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.197 min
Delta R.T.: -0.012 min
Response: 9203473
Conc: 48.77 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.510 min
Delta R.T.: -0.013 min
Response: 8285277
Conc: 37.65 ug/ml

Instrument :

FID_C

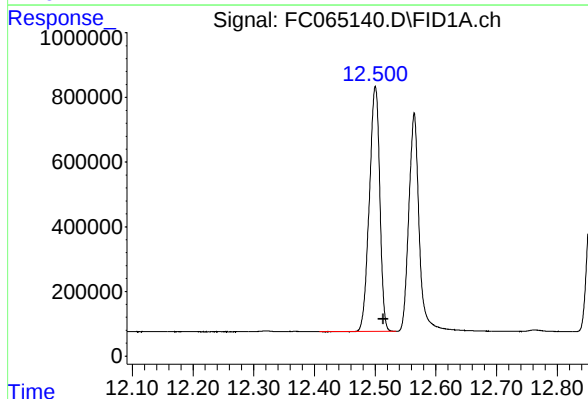
ClientSampleId :

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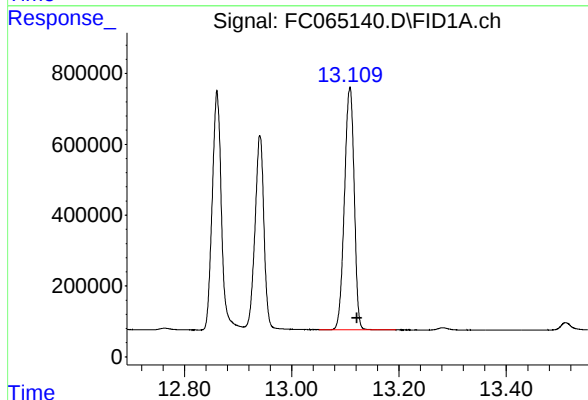
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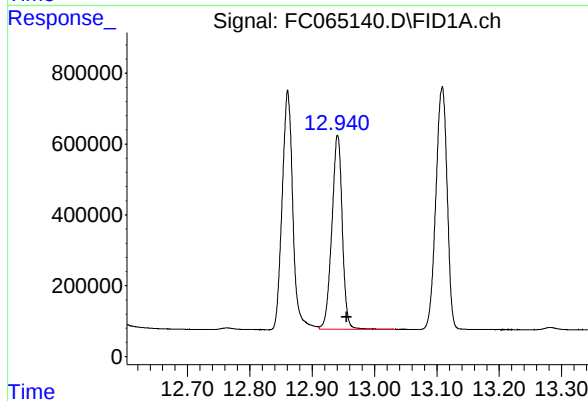
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.014 min
Response: 9032406
Conc: 50.24 ug/ml



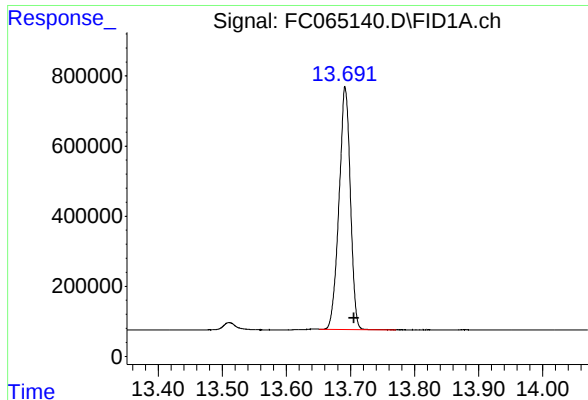
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.013 min
Response: 8607277
Conc: 49.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.015 min
Response: 6395436
Conc: 40.46 ug/ml



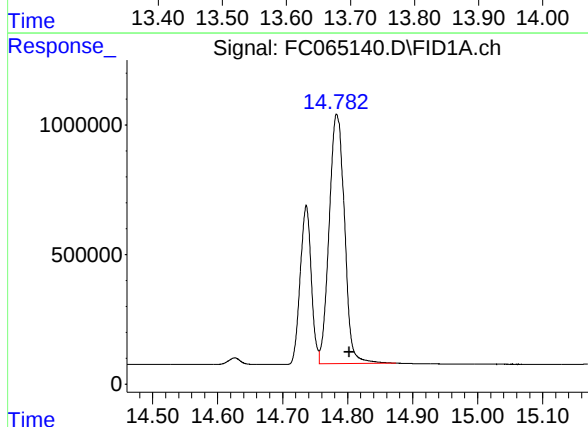
#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: -0.014 min
Response: 8432436
Conc: 49.09 ug/ml

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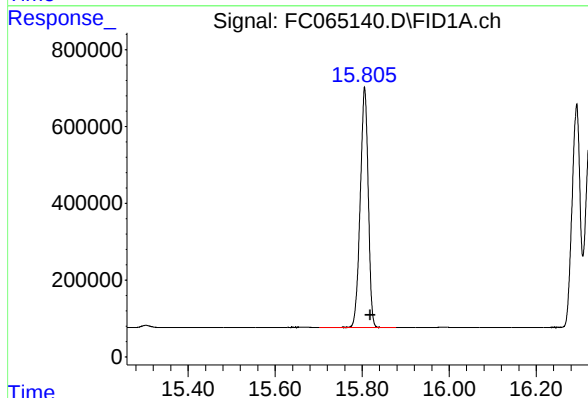
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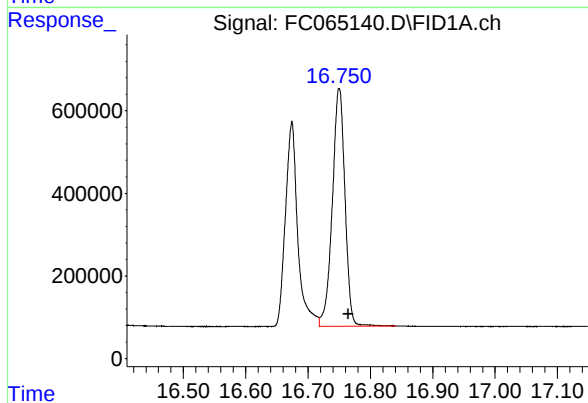
#14 n-Tetracosane (C24)

R.T.: 14.784 min
Delta R.T.: -0.019 min
Response: 15856097
Conc: 95.20 ug/ml



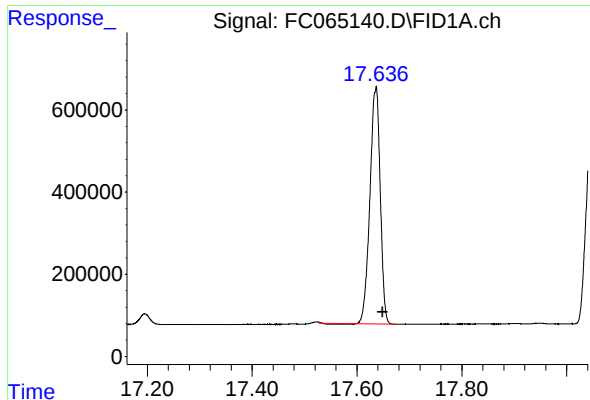
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.013 min
Response: 7954758
Conc: 49.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.750 min
Delta R.T.: -0.015 min
Response: 8112047
Conc: 51.83 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.635 min
Delta R.T.: -0.014 min
Response: 7859451
Conc: 49.62 ug/ml

Instrument :

FID_C

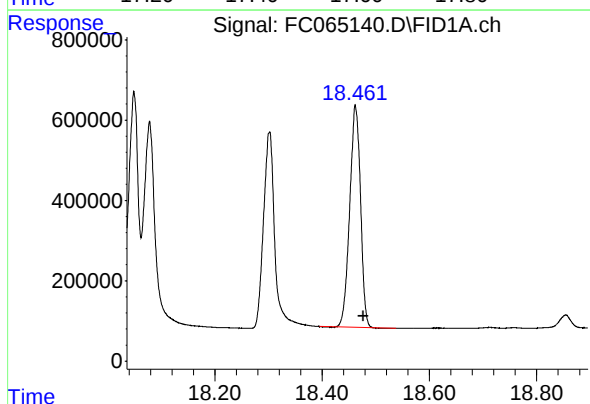
ClientSampleId :

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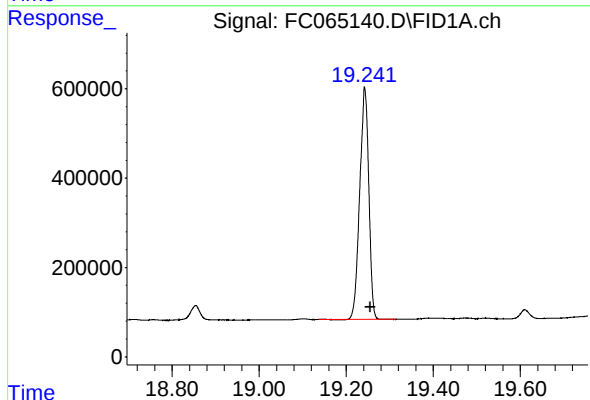
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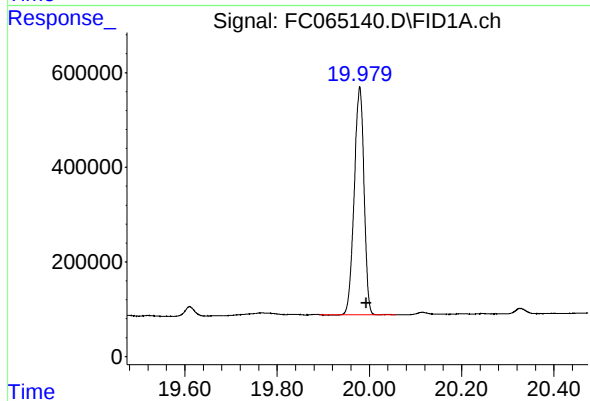
#18 n-Dotriacontane (C32)

R.T.: 18.462 min
Delta R.T.: -0.015 min
Response: 7715818
Conc: 48.87 ug/ml



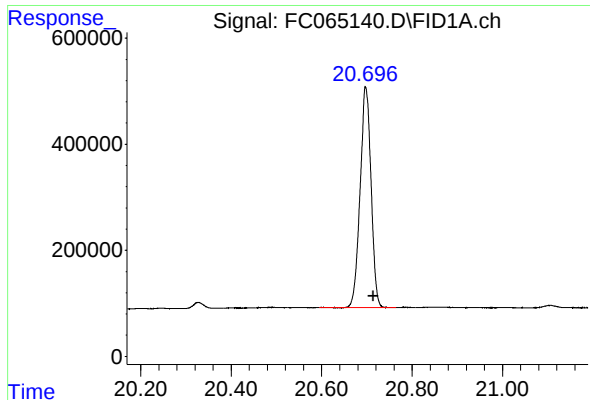
#19 n-Tetratriacontane (C34)

R.T.: 19.242 min
Delta R.T.: -0.013 min
Response: 7500155
Conc: 49.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.979 min
Delta R.T.: -0.015 min
Response: 7108061
Conc: 47.11 ug/ml



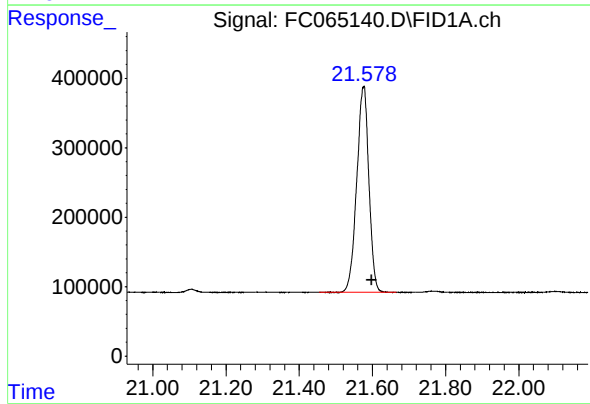
#21 n-Octatriacontane (C38)

R.T.: 20.698 min
Delta R.T.: -0.016 min
Response: 6984442
Conc: 46.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.575 min
Delta R.T.: -0.023 min
Response: 6820111
Conc: 46.37 ug/ml