

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110323AL\
 Data File : FC065003.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2023 20:47
 Operator : YP/AJ
 Sample : 05207-05MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e
 Quant Time: Nov 04 00:27:32 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	6894785	31.328 ug/ml
Spiked Amount 50.000		Recovery =	62.66%
12) S 1-chlorooctadecane (S...	12.941	5107569	32.309 ug/mlm
Spiked Amount 50.000		Recovery =	64.62%
Target Compounds			
1) T n-Nonane (C9)	3.332	9114290	48.207 ug/ml
2) T n-Decane (C10)	4.381	9648780	50.745 ug/ml
3) T A~Naphthalene (C11.7)	5.954	10625256	55.032 ug/ml
4) T n-Dodecane (C12)	6.382	9933142	51.421 ug/ml
5) T A~2-methylnaphthalene...	7.005	10178684	55.390 ug/ml
6) T n-Tetradecane (C14)	8.171	9966849	52.822 ug/ml
7) T n-Hexadecane (C16)	9.764	9674213	51.180 ug/ml
8) T n-Octadecane (C18)	11.198	9509944	50.390 ug/ml
10) T n-Eicosane (C20)	12.501	9160690	50.955 ug/ml
11) T n-Heneicosane (C21)	13.109	8589918	48.926 ug/ml
13) T n-Docosane (C22)	13.693	8394531	48.870 ug/ml
14) T n-Tetracosane (C24)	14.785	16051872	96.375 ug/ml
15) T n-Hexacosane (C26)	15.809	7574516	47.191 ug/ml
16) T n-Octacosane (C28)	16.753	7495496	47.894 ug/ml
17) T n-Tricontane (C30)	17.637	7239046	45.703 ug/ml
18) T n-Dotriacontane (C32)	18.465	7154101	45.309 ug/ml
19) T n-Tetratriacontane (C34)	19.244	7026453	46.033 ug/ml
20) T n-Hexatriacontane (C36)	19.978	6746281	44.713 ug/mlm
21) T n-Octatriacontane (C38)	20.701	6667893	44.806 ug/ml
22) T n-Tetracontane (C40)	21.576	8239706	56.022 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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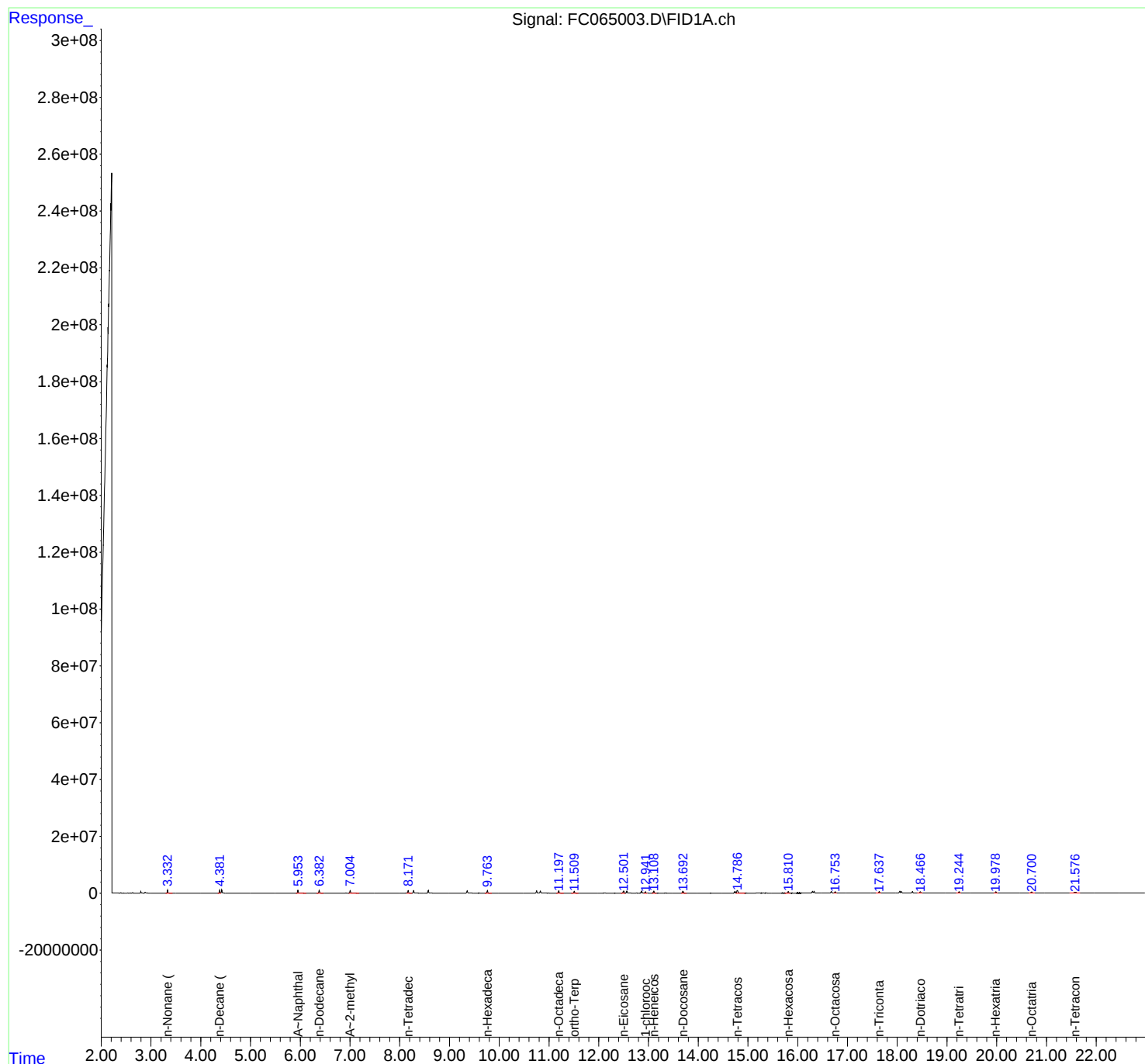
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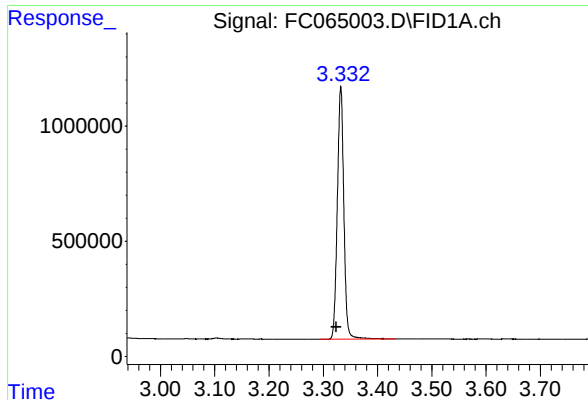
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#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: 0.008 min
Response: 9114290
Conc: 48.21 ug/ml

Instrument :

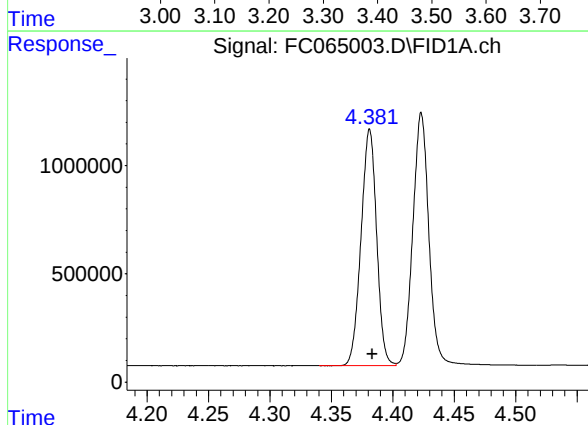
FID_C

ClientSampleId :

3MSD

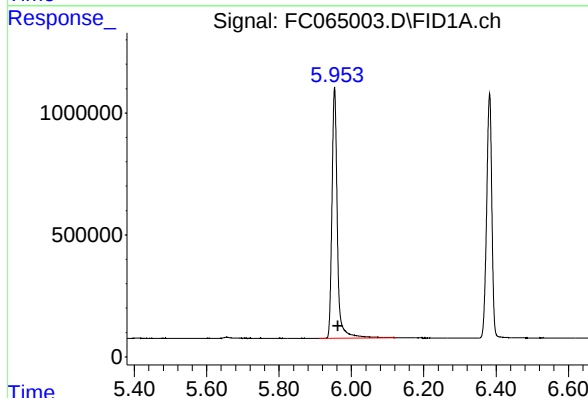
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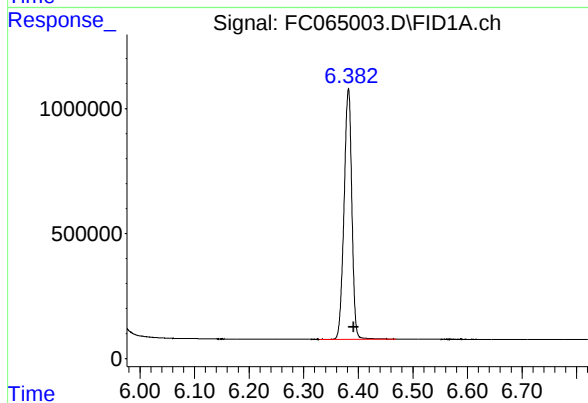
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.002 min
Response: 9648780
Conc: 50.74 ug/ml



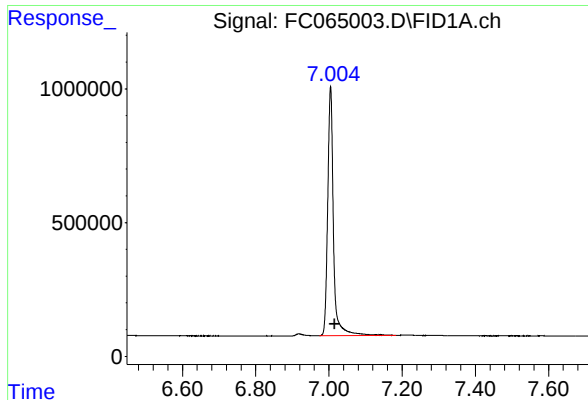
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: -0.009 min
Response: 10625256
Conc: 55.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.010 min
Response: 9933142
Conc: 51.42 ug/ml



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

R.T.: 7.005 min
Delta R.T.: -0.011 min
Response: 10178684
Conc: 55.39 ug/ml

Instrument :

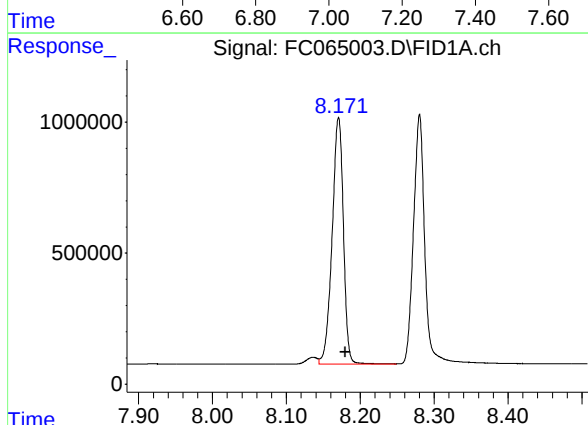
FID_C

ClientSampleId :

3MSD

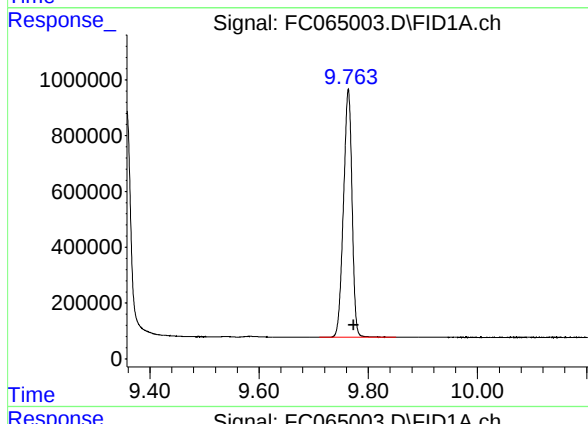
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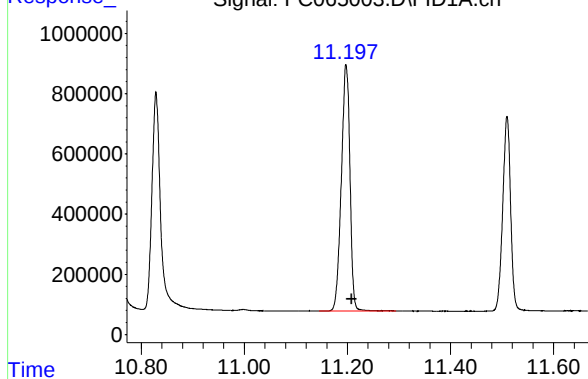
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.009 min
Response: 9966849
Conc: 52.82 ug/ml



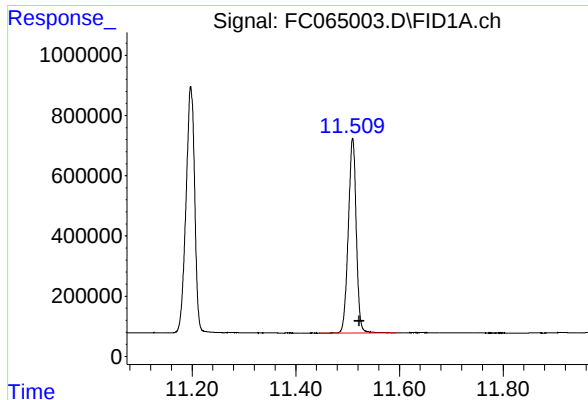
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.010 min
Response: 9674213
Conc: 51.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.198 min
Delta R.T.: -0.011 min
Response: 9509944
Conc: 50.39 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.510 min
Delta R.T.: -0.013 min
Response: 6894785
Conc: 31.33 ug/ml

Instrument :

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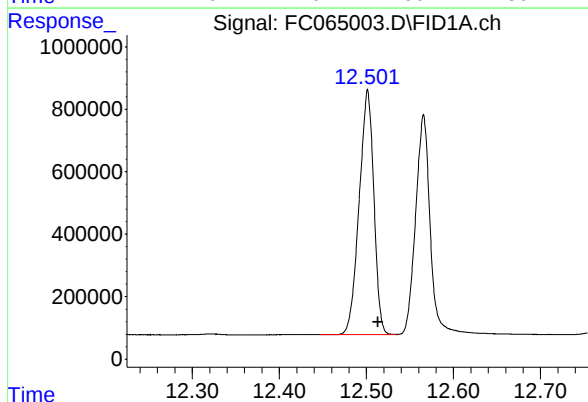
3MSD

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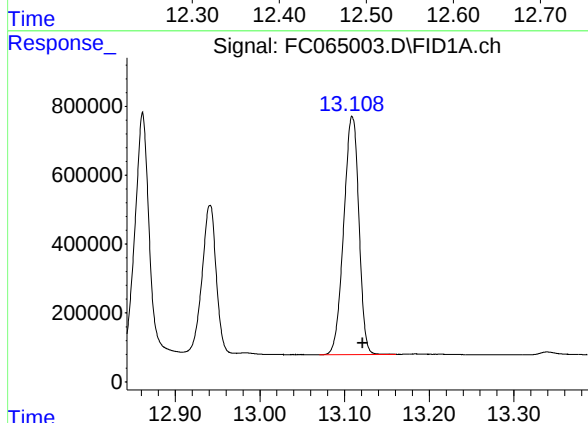
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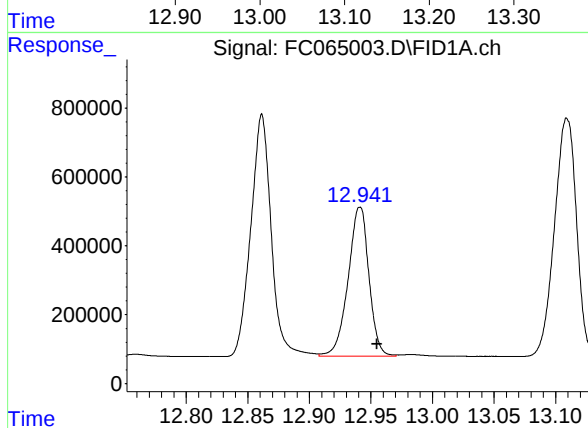
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: -0.012 min
Response: 9160690
Conc: 50.95 ug/ml



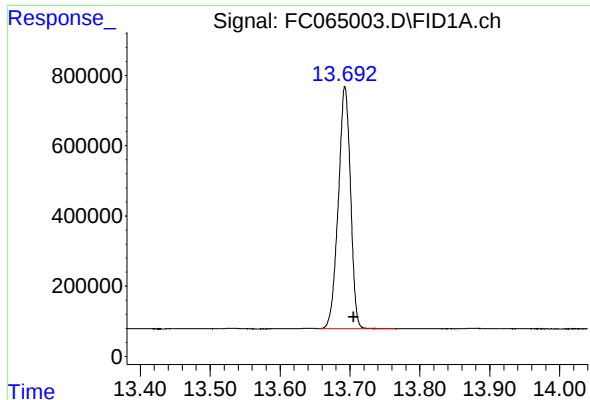
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: -0.012 min
Response: 8589918
Conc: 48.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: -0.014 min
Response: 5107569
Conc: 32.31 ug/ml m



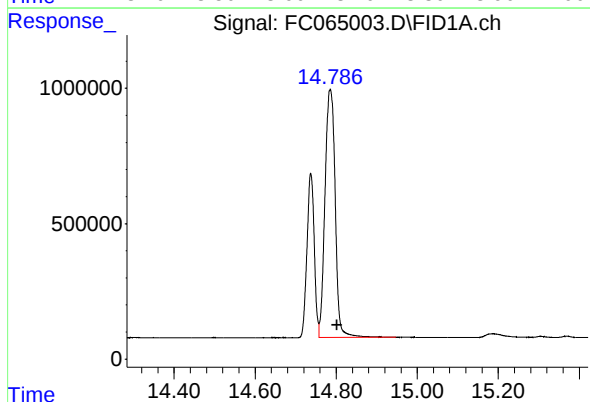
#13 n-Docosane (C22)

R.T.: 13.693 min
Delta R.T.: -0.013 min
Response: 8394531
Conc: 48.87 ug/ml

Instrument :
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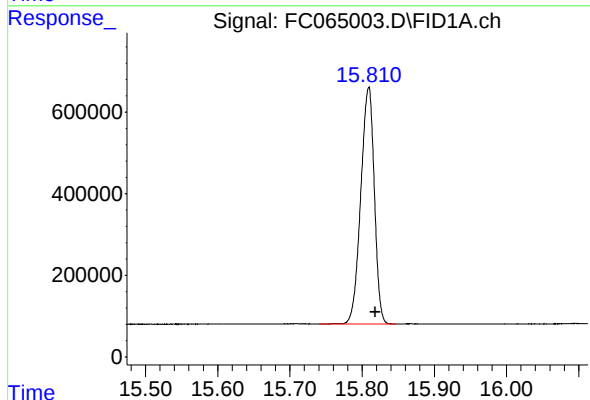
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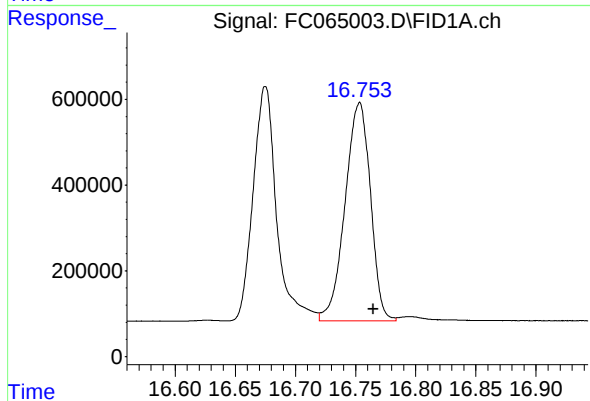
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.017 min
Response: 16051872
Conc: 96.37 ug/ml



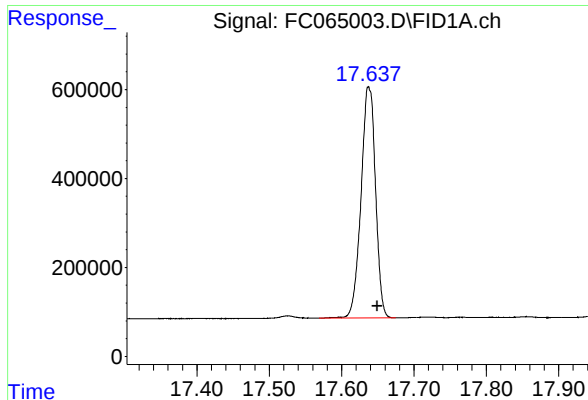
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.009 min
Response: 7574516
Conc: 47.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.753 min
Delta R.T.: -0.011 min
Response: 7495496
Conc: 47.89 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.637 min
Delta R.T.: -0.012 min
Response: 7239046
Conc: 45.70 ug/ml

Instrument :

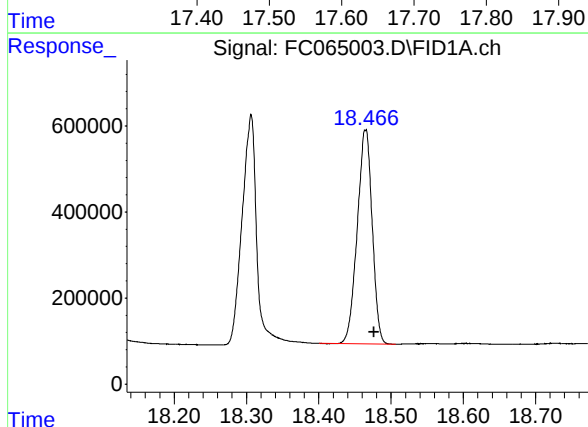
FID_C

ClientSampleId :

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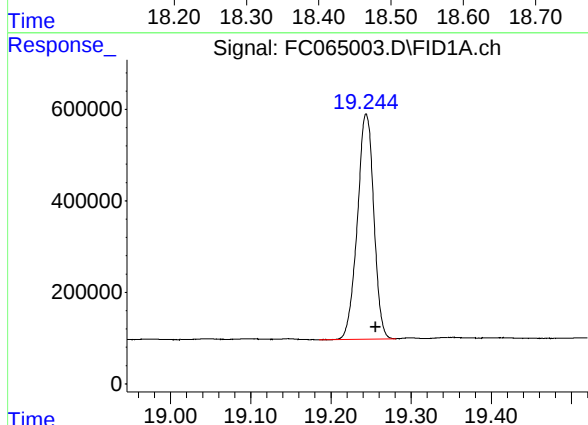
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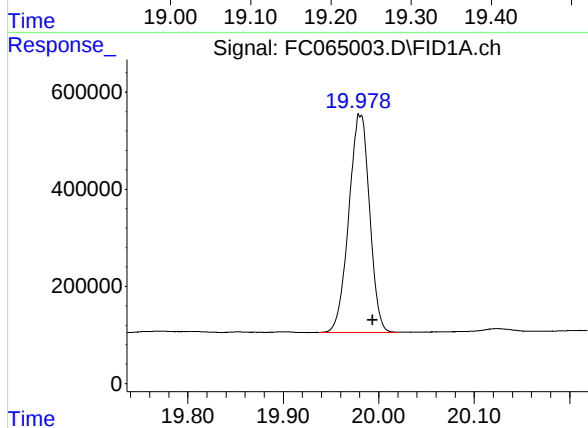
#18 n-Dotriacontane (C32)

R.T.: 18.465 min
Delta R.T.: -0.012 min
Response: 7154101
Conc: 45.31 ug/ml



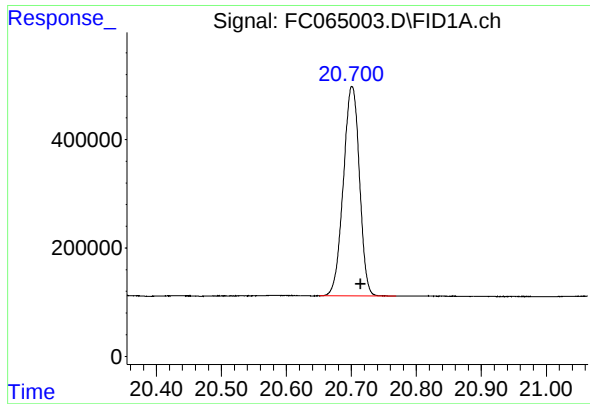
#19 n-Tetatriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.012 min
Response: 7026453
Conc: 46.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.978 min
Delta R.T.: -0.015 min
Response: 6746281
Conc: 44.71 ug/ml m



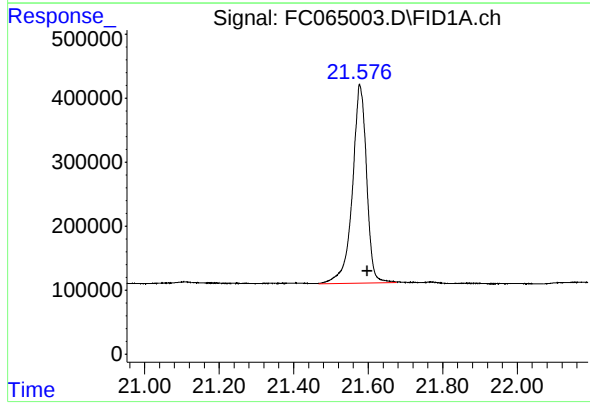
#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: -0.013 min
Response: 6667893
Conc: 44.81 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.576 min
Delta R.T.: -0.021 min
Response: 8239706
Conc: 56.02 ug/ml m