

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111524AL\
 Data File : FC067777.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2024 15:49
 Operator : YP/AJ
 Sample : P4839-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EX-9-TPH-15MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :Ankita Jodhani 11/18/2024

Integration File: autoint1.e
 Quant Time: Nov 16 08:22:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 2024
 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			
12) S 1-chlorooctadecane (S...	12.931	5959755	41.056 ug/ml
Spiked Amount 50.000		Recovery =	82.11%
Target Compounds			
1) T n-Nonane (C9)	3.274	5496915	33.700 ug/mlm
2) T n-Decane (C10)	4.337	6921274	41.737 ug/ml
4) T n-Dodecane (C12)	6.352	9000024	53.435 ug/mlm
6) T n-Tetradecane (C14)	8.145	9212111	55.007 ug/mlm
7) T n-Hexadecane (C16)	9.742	9778074	56.424 ug/ml
8) T n-Octadecane (C18)	11.182	9562115	54.349 ug/ml
10) T n-Eicosane (C20)	12.489	9479129	56.294 ug/ml
11) T n-Heneicosane (C21)	13.101	9028252	54.870 ug/ml
13) T n-Docosane (C22)	13.686	8919736	54.772 ug/ml
14) T n-Tetracosane (C24)	14.787	8688203	54.172 ug/ml
15) T n-Hexacosane (C26)	15.807	8387073	54.158 ug/ml
16) T n-Octacosane (C28)	16.756	8069437	53.432 ug/ml
17) T n-Tricontane (C30)	17.641	7807862	50.996 ug/ml
18) T n-Dotriacontane (C32)	18.472	7523371	50.940 ug/ml
19) T n-Tetratriacontane (C34)	19.254	7293841	57.828 ug/ml
20) T n-Hexatriacontane (C36)	19.993	6952654	66.477 ug/ml
21) T n-Octatriacontane (C38)	20.715	6843748	70.060 ug/ml
22) T n-Tetracontane (C40)	21.601	6868044	70.466 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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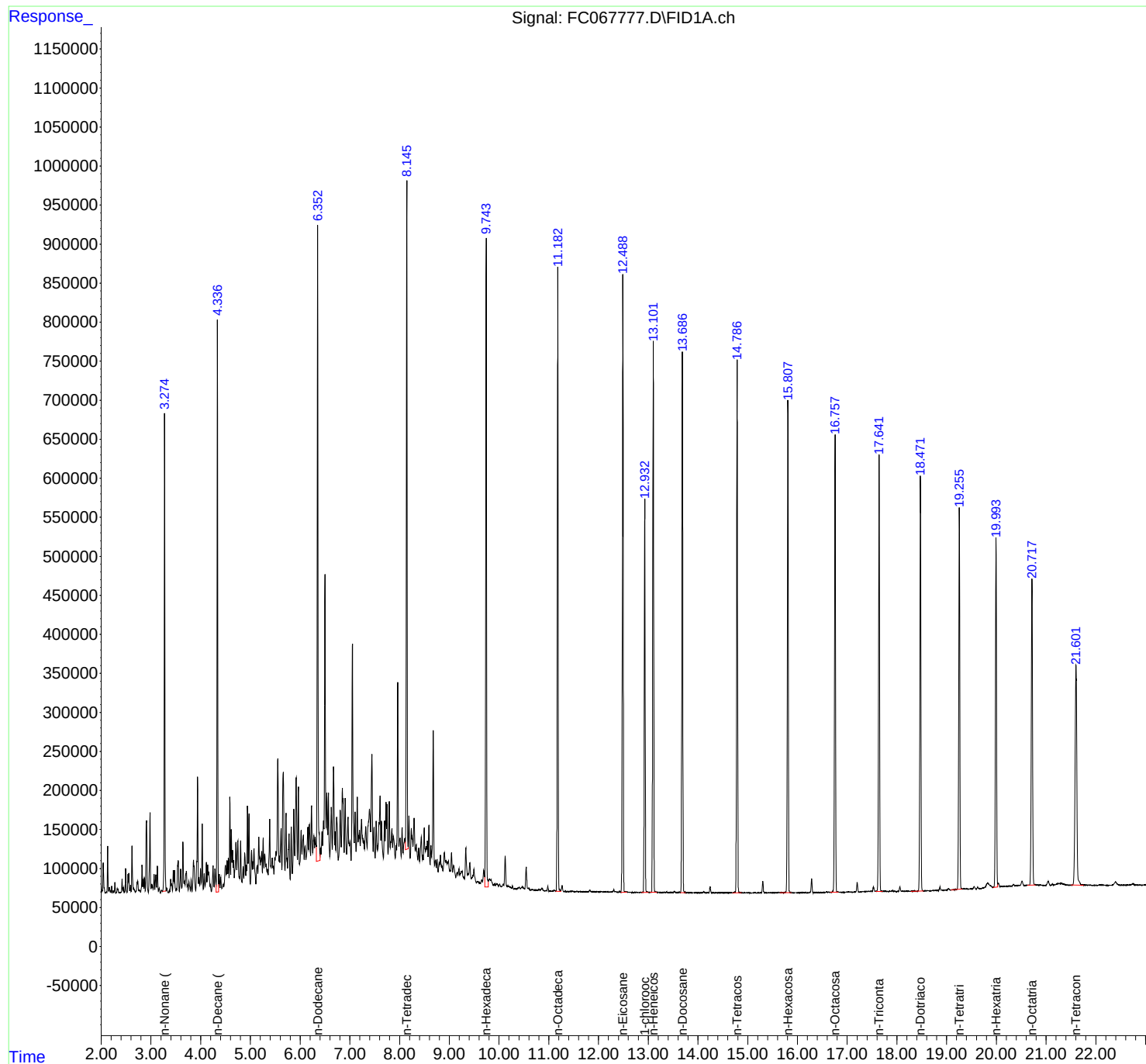
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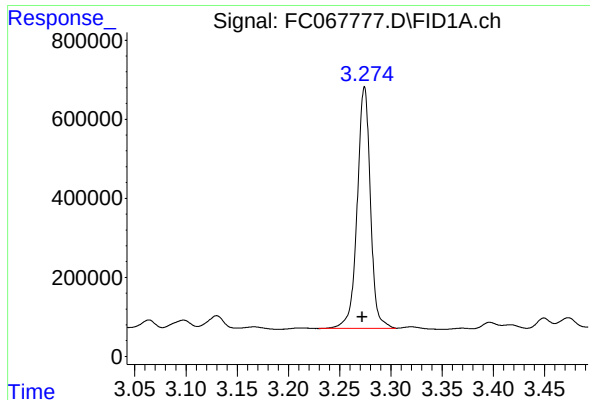
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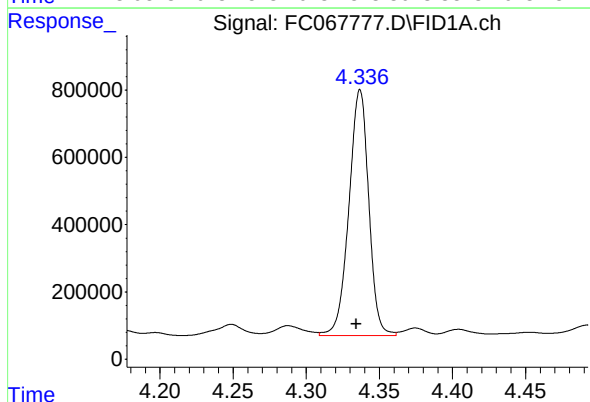
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 5496915
Conc: 33.70 ug/ml

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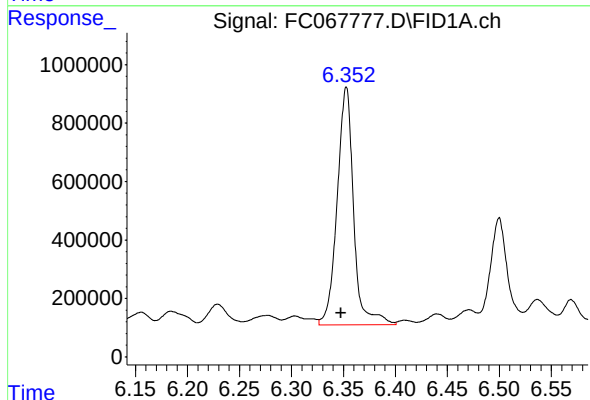
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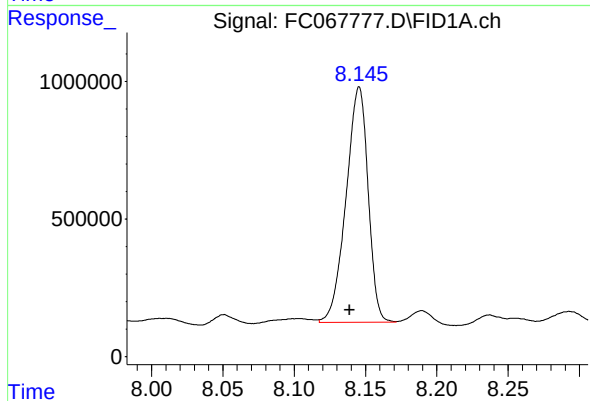
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: 0.002 min
Response: 6921274
Conc: 41.74 ug/ml



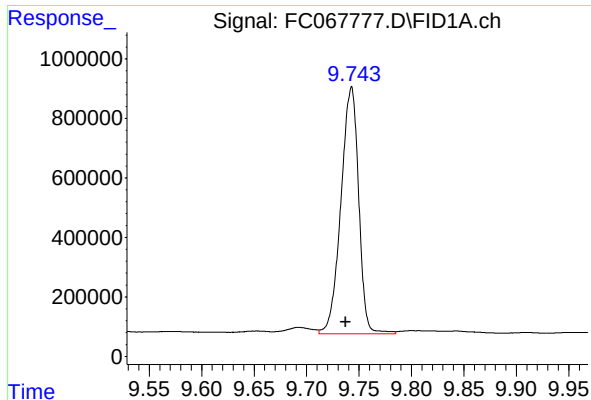
#4 n-Dodecane (C12)

R.T.: 6.352 min
Delta R.T.: 0.005 min
Response: 9000024
Conc: 53.44 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: 0.006 min
Response: 9212111
Conc: 55.01 ug/ml m



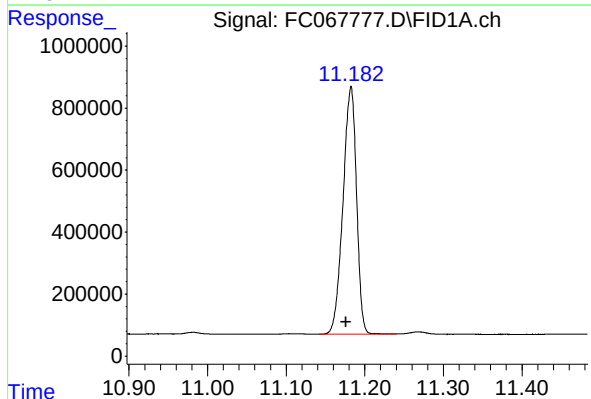
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: 0.005 min
Response: 9778074
Conc: 56.42 ug/ml

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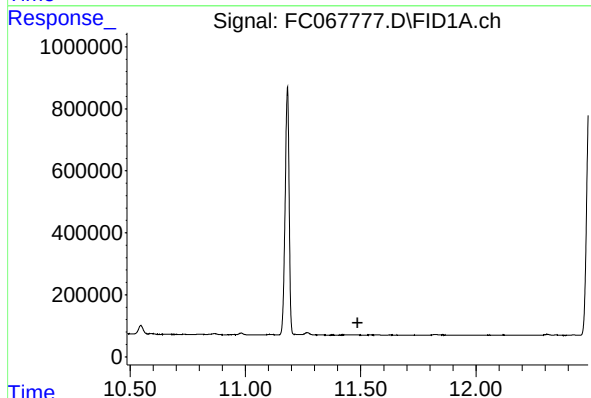
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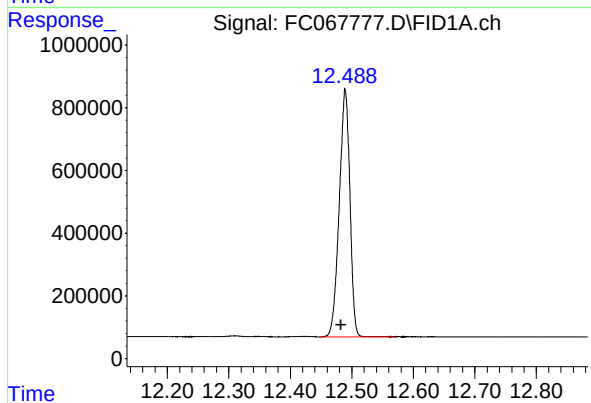
#8 n-Octadecane (C18)

R.T.: 11.182 min
Delta R.T.: 0.006 min
Response: 9562115
Conc: 54.35 ug/ml



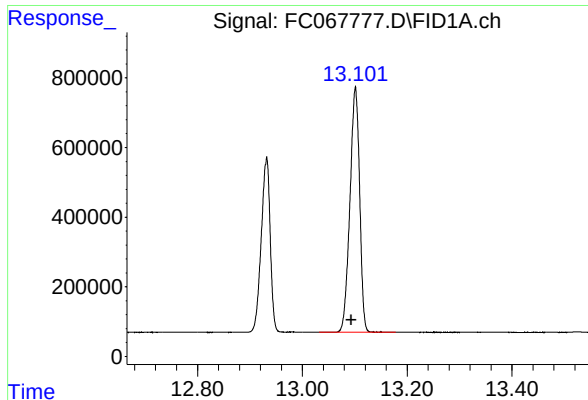
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.486 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: 0.007 min
Response: 9479129
Conc: 56.29 ug/ml



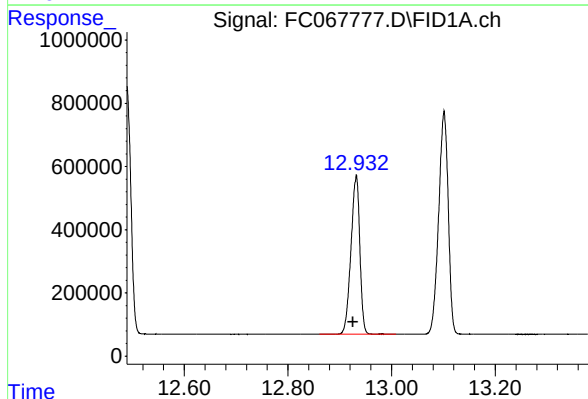
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: 0.008 min
Response: 9028252
Conc: 54.87 ug/ml

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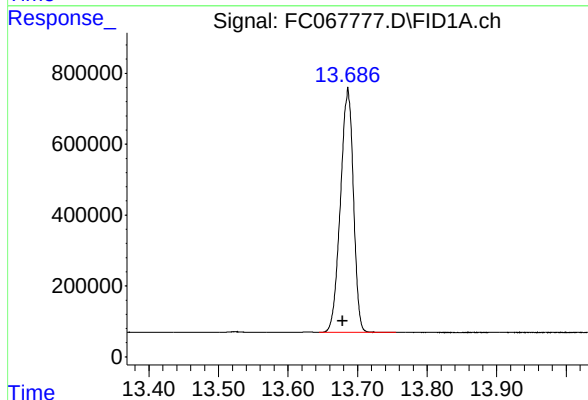
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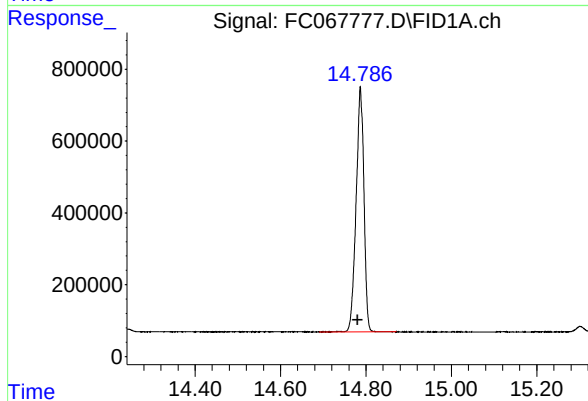
#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: 0.006 min
Response: 5959755
Conc: 41.06 ug/ml



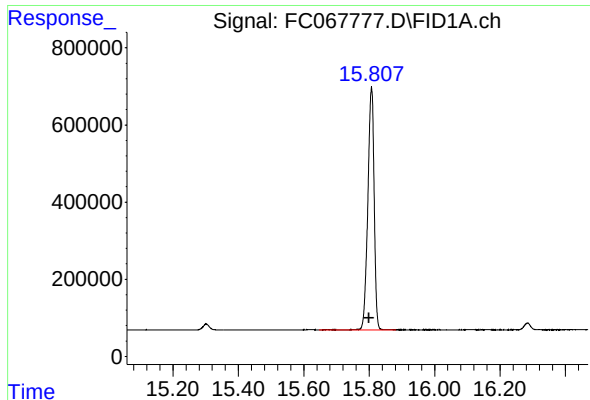
#13 n-Docosane (C22)

R.T.: 13.686 min
Delta R.T.: 0.007 min
Response: 8919736
Conc: 54.77 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: 0.007 min
Response: 8688203
Conc: 54.17 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: 0.007 min
Response: 8387073
Conc: 54.16 ug/ml

Instrument :

FID_C

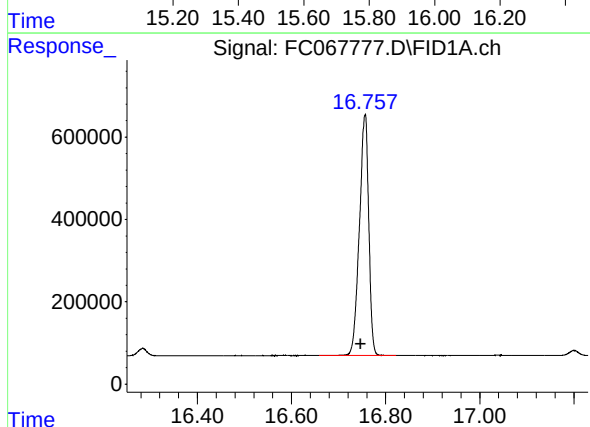
ClientSampleId :

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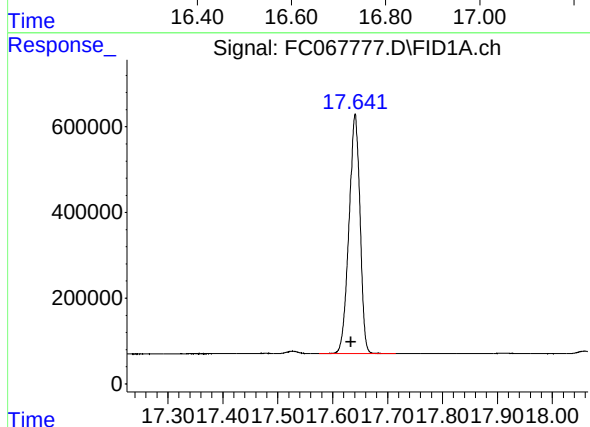
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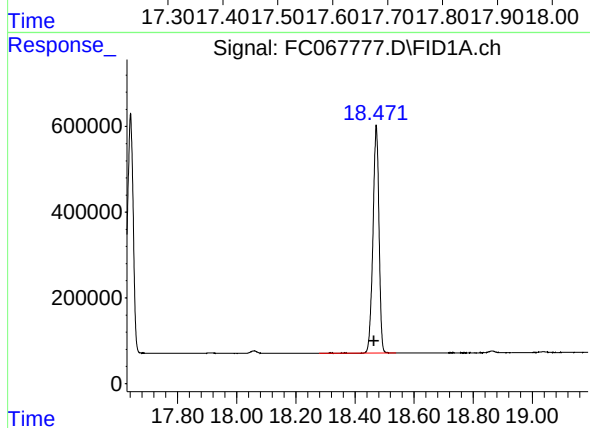
#16 n-Octacosane (C28)

R.T.: 16.756 min
Delta R.T.: 0.009 min
Response: 8069437
Conc: 53.43 ug/ml



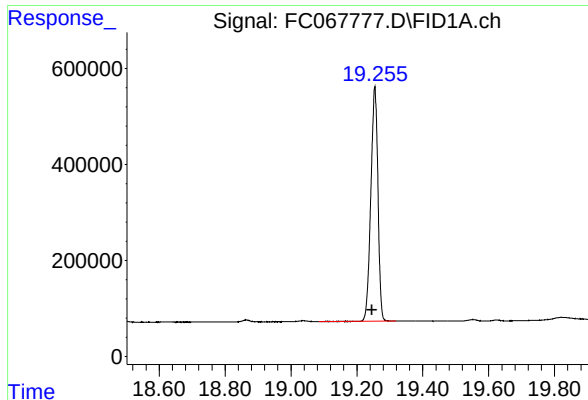
#17 n-Tricontane (C30)

R.T.: 17.641 min
Delta R.T.: 0.008 min
Response: 7807862
Conc: 51.00 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.007 min
Response: 7523371
Conc: 50.94 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: 0.009 min
Response: 7293841
Conc: 57.83 ug/ml

Instrument :

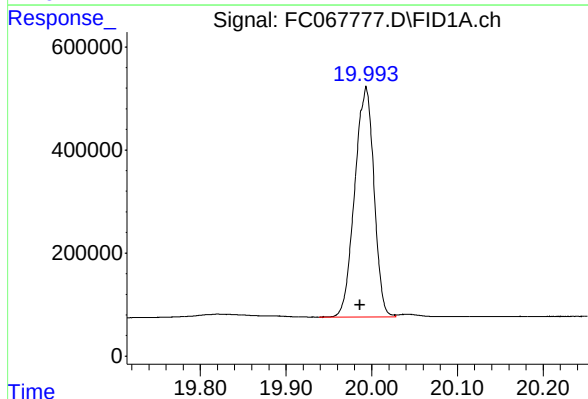
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ClientSampleId :

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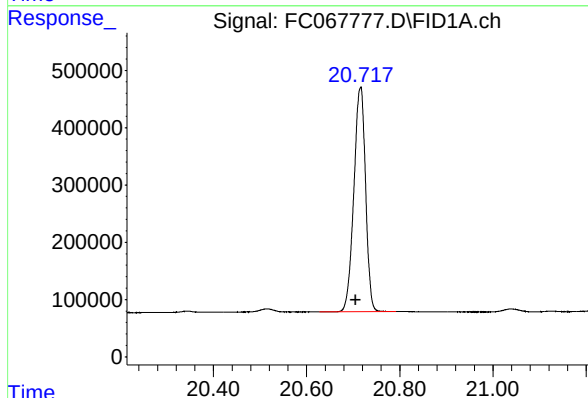
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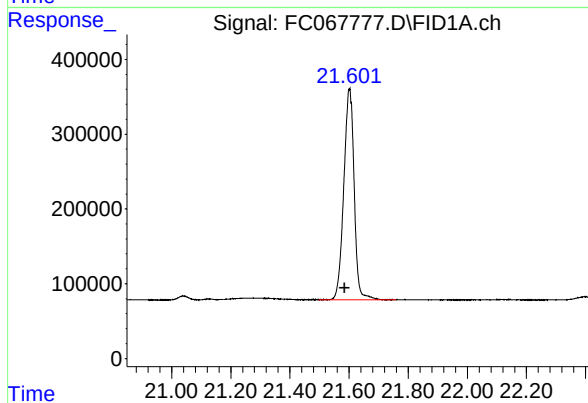
#20 n-Hexatriacontane (C36)

R.T.: 19.993 min
Delta R.T.: 0.007 min
Response: 6952654
Conc: 66.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.715 min
Delta R.T.: 0.010 min
Response: 6843748
Conc: 70.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: 0.016 min
Response: 6868044
Conc: 70.47 ug/ml