

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010622AL\
 Data File : FC057753.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2022 15:57
 Operator : AJ\MA
 Sample : PB141864BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141864BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2022
 Supervised By :Ankita Jodhani 01/07/2022

Integration File: autoint1.e
 Quant Time: Jan 07 00:58:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.713	9471206	48.981 ug/ml
Spiked Amount 50.000		Recovery =	97.96%
12) S 1-chlorooctadecane (S...	12.150	7319730	49.663 ug/ml
Spiked Amount 50.000		Recovery =	99.33%
Target Compounds			
1) T n-Nonane (C9)	2.649	6749509	42.208 ug/mlm
2) T n-Decane (C10)	3.635	7192370	44.748 ug/ml
3) T A~Naphthalene (C11.7)	5.167	8620213	47.473 ug/ml
4) T n-Dodecane (C12)	5.601	7760969	48.122 ug/ml
5) T A~2-methylnaphthalene...	6.207	8796822	48.105 ug/ml
6) T n-Tetradecane (C14)	7.384	8618935	52.207 ug/ml
7) T n-Hexadecane (C16)	8.974	9391821	56.225 ug/ml
8) T n-Octadecane (C18)	10.410	9496297	55.183 ug/ml
10) T n-Eicosane (C20)	11.712	9690631	56.606 ug/ml
11) T n-Heneicosane (C21)	12.321	9071345	52.459 ug/ml
13) T n-Docosane (C22)	12.904	8937719	51.661 ug/ml
14) T n-Tetracosane (C24)	14.002	8669630	50.082 ug/ml
15) T n-Hexacosane (C26)	15.021	8229592	48.902 ug/ml
16) T n-Octacosane (C28)	15.966	7915641	48.371 ug/ml
17) T n-Tricontane (C30)	16.851	7619820	48.806 ug/ml
18) T n-Dotriacontane (C32)	17.680	7258303	52.059 ug/ml
19) T n-Tetratriacontane (C34)	18.460	6617473	53.243 ug/ml
20) T n-Hexatriacontane (C36)	19.197	5644577	50.770 ug/ml
21) T n-Octatriacontane (C38)	19.904	5288946	50.702 ug/ml
22) T n-Tetracontane (C40)	20.731	5397139	56.366 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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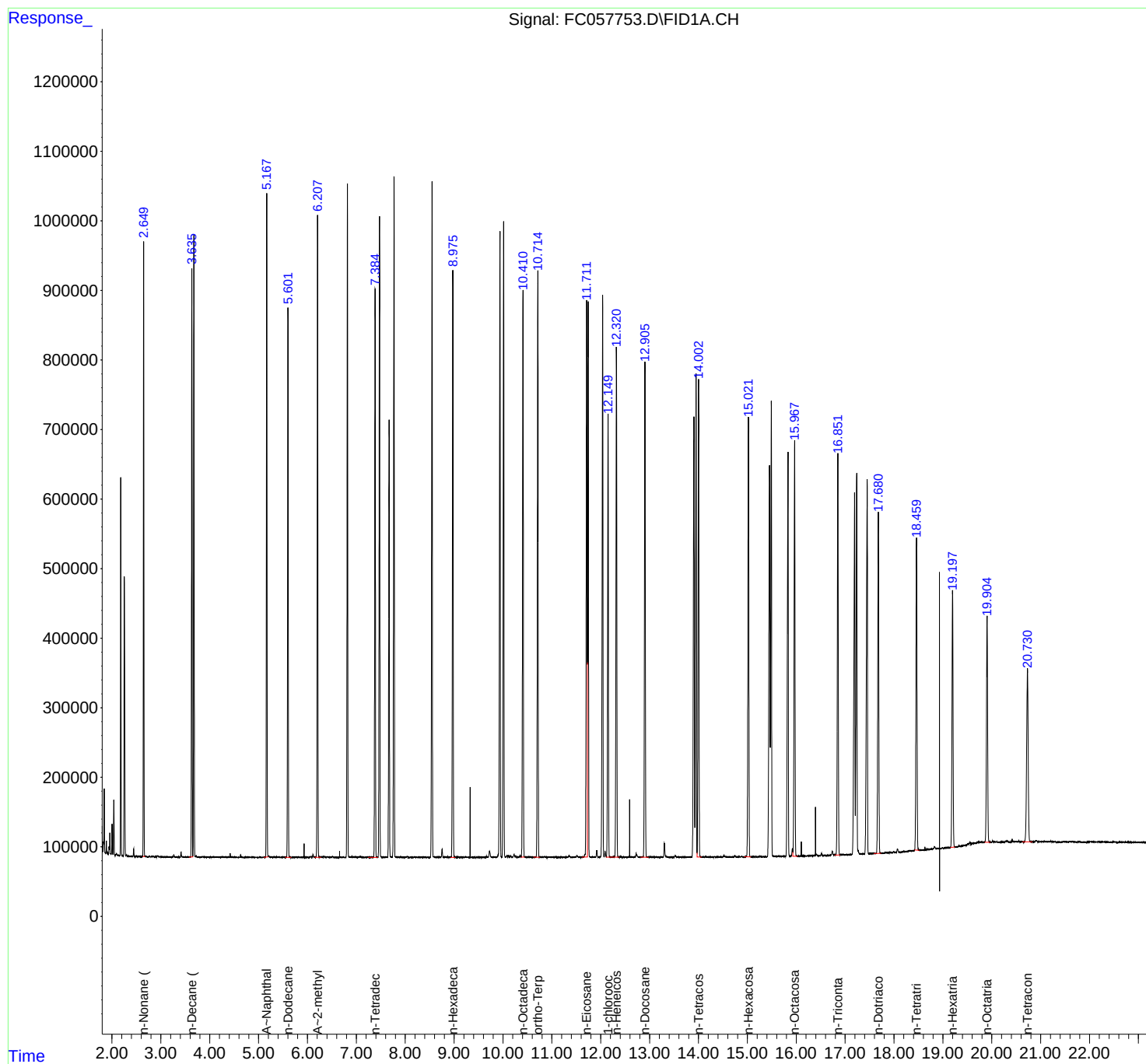
Instrument :
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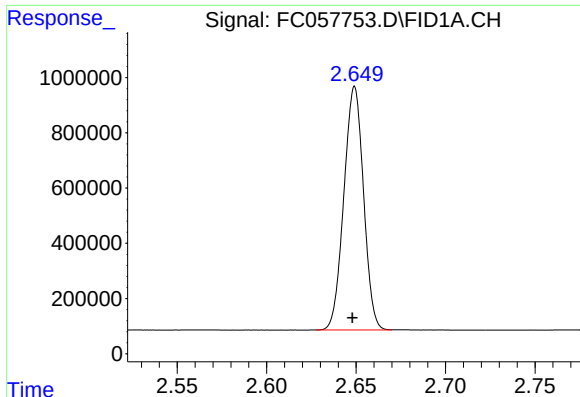
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#1 n-Nonane (C9)

R.T.: 2.649 min
Delta R.T.: 0.000 min
Response: 6749509
Conc: 42.21 ug/ml

Instrument :

FID_C

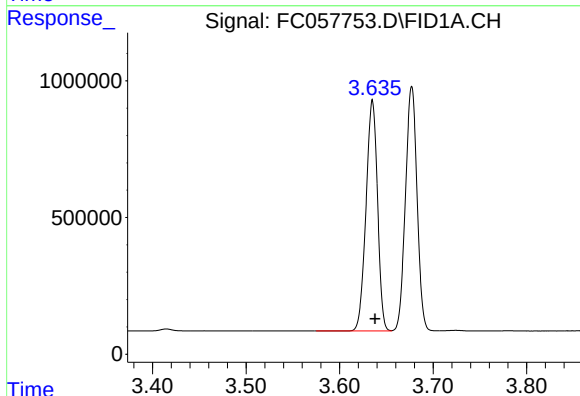
ClientSampleId :

PB141864BSD

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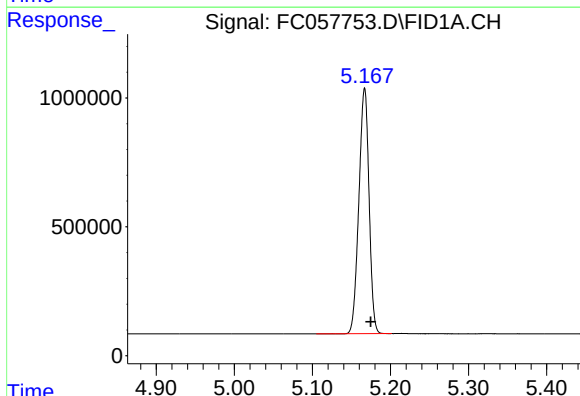
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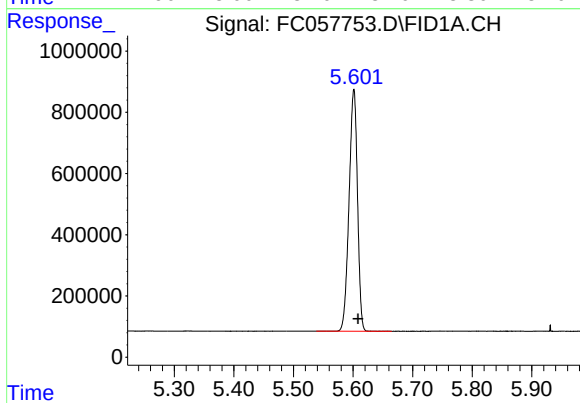
#2 n-Decane (C10)

R.T.: 3.635 min
Delta R.T.: -0.003 min
Response: 7192370
Conc: 44.75 ug/ml



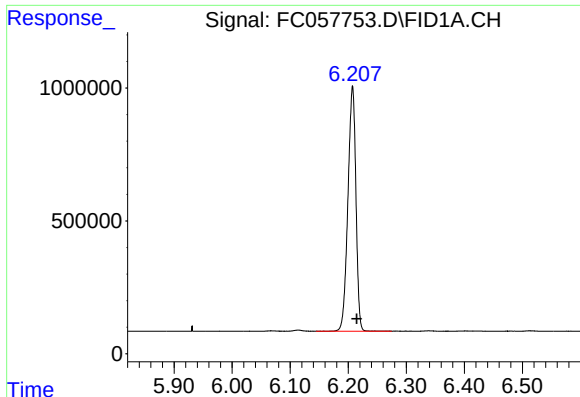
#3 A~Naphthalene (C11.7)

R.T.: 5.167 min
Delta R.T.: -0.008 min
Response: 8620213
Conc: 47.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.601 min
Delta R.T.: -0.008 min
Response: 7760969
Conc: 48.12 ug/ml



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

R.T.: 6.207 min
Delta R.T.: -0.007 min
Response: 8796822
Conc: 48.11 ug/ml

Instrument :

FID_C

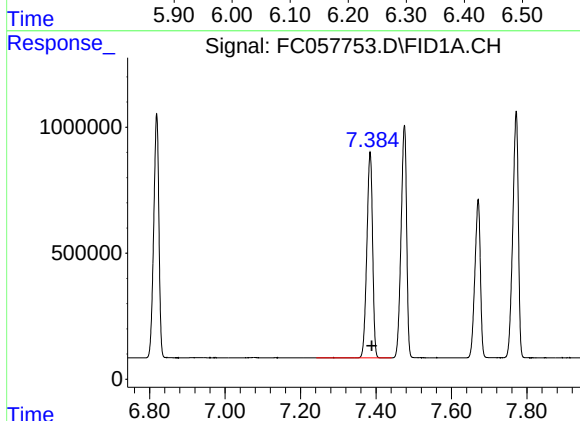
ClientSampleId :

PB141864BSD

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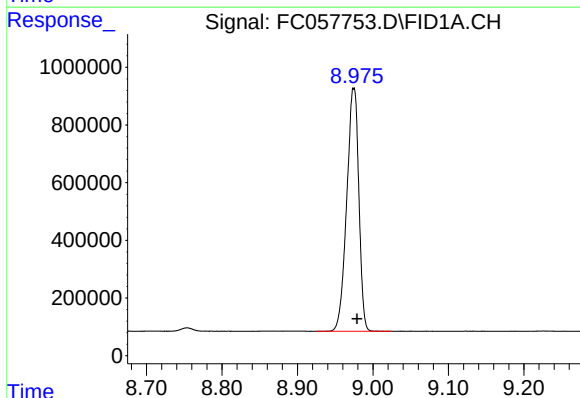
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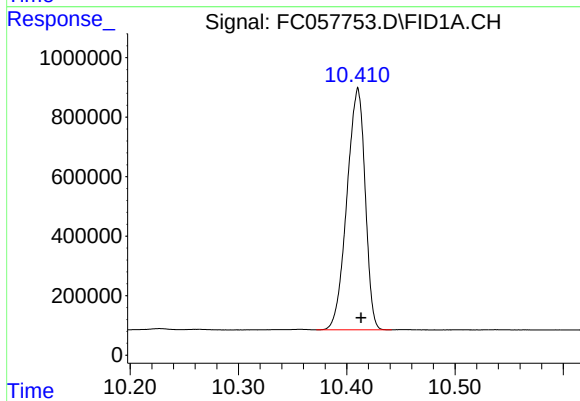
#6 n-Tetradecane (C14)

R.T.: 7.384 min
Delta R.T.: -0.004 min
Response: 8618935
Conc: 52.21 ug/ml



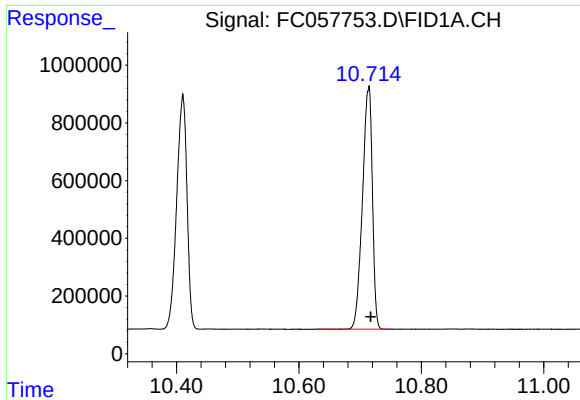
#7 n-Hexadecane (C16)

R.T.: 8.974 min
Delta R.T.: -0.005 min
Response: 9391821
Conc: 56.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.410 min
Delta R.T.: -0.003 min
Response: 9496297
Conc: 55.18 ug/ml



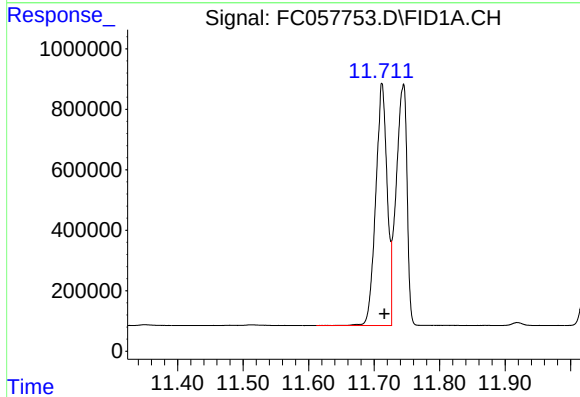
#9 ortho-Terphenyl (SURR)

R.T.: 10.713 min
Delta R.T.: -0.004 min
Response: 9471206
Conc: 48.98 ug/ml

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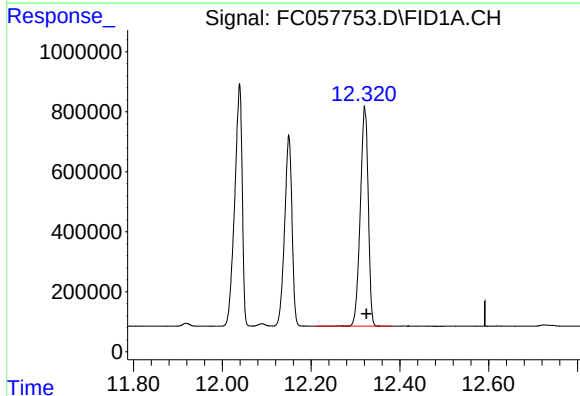
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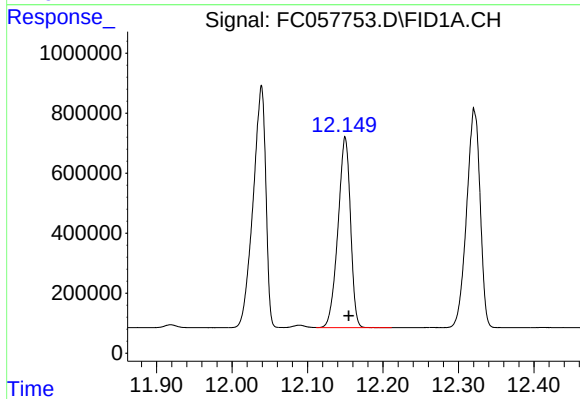
#10 n-Eicosane (C20)

R.T.: 11.712 min
Delta R.T.: -0.003 min
Response: 9690631
Conc: 56.61 ug/ml



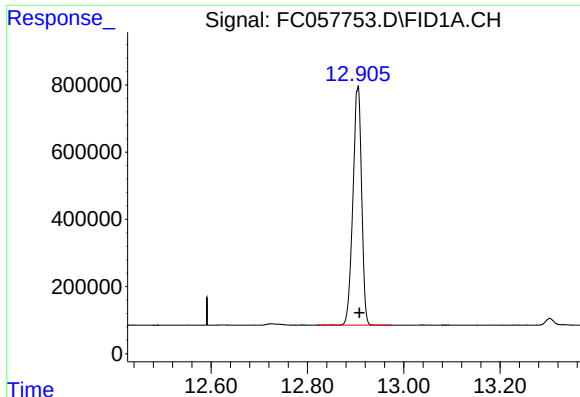
#11 n-Heneicosane (C21)

R.T.: 12.321 min
Delta R.T.: -0.004 min
Response: 9071345
Conc: 52.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.150 min
Delta R.T.: -0.005 min
Response: 7319730
Conc: 49.66 ug/ml



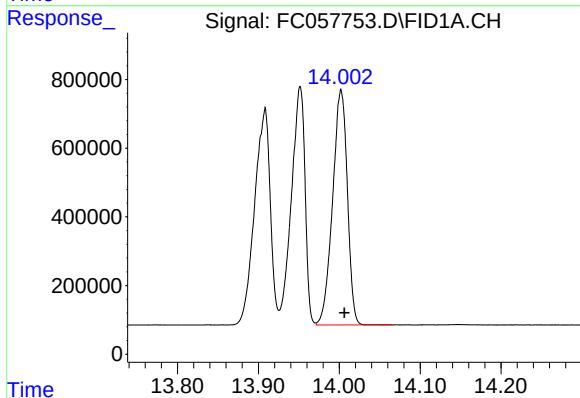
#13 n-Docosane (C22)

R.T.: 12.904 min
Delta R.T.: -0.003 min
Response: 8937719
Conc: 51.66 ug/ml

Instrument :
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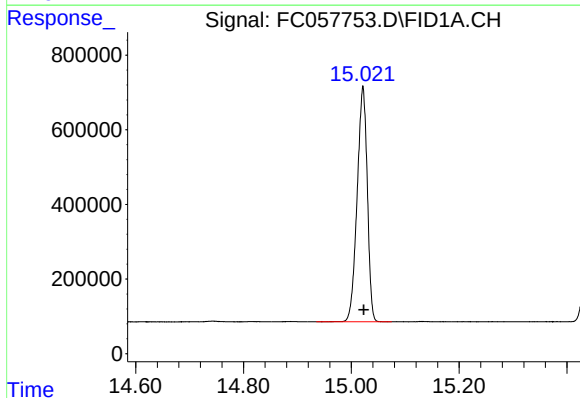
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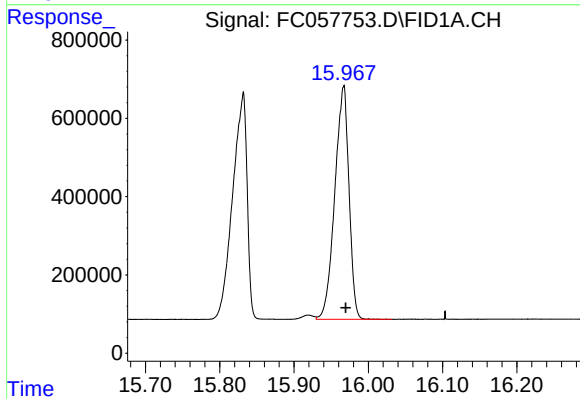
#14 n-Tetracosane (C24)

R.T.: 14.002 min
Delta R.T.: -0.004 min
Response: 8669630
Conc: 50.08 ug/ml



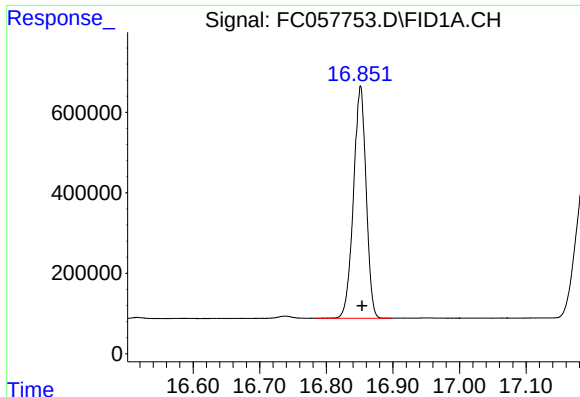
#15 n-Hexacosane (C26)

R.T.: 15.021 min
Delta R.T.: -0.002 min
Response: 8229592
Conc: 48.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.966 min
Delta R.T.: -0.003 min
Response: 7915641
Conc: 48.37 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.851 min
Delta R.T.: -0.002 min
Response: 7619820
Conc: 48.81 ug/ml

Instrument :

FID_C

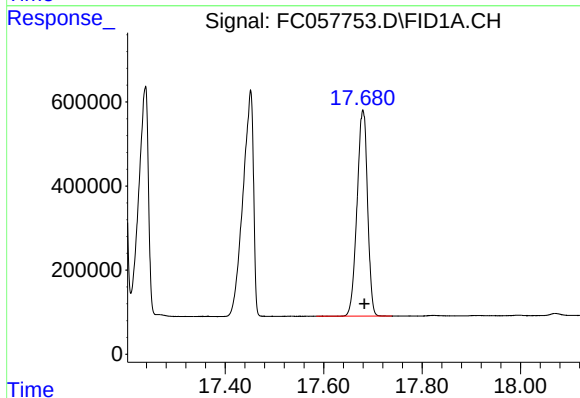
ClientSampleId :

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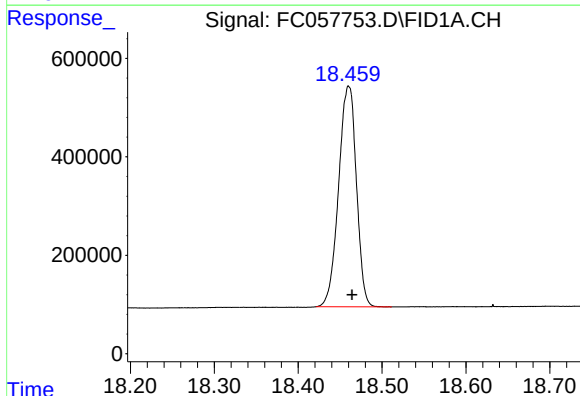
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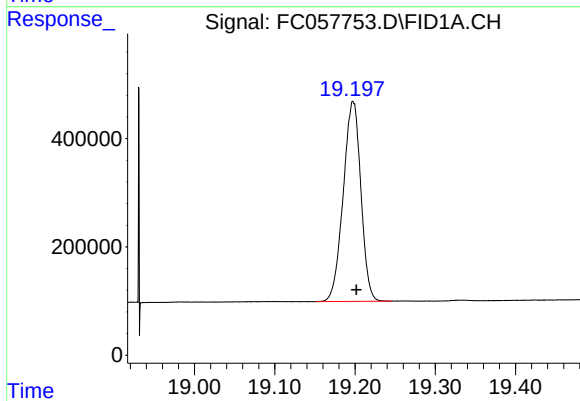
#18 n-Dotriacontane (C32)

R.T.: 17.680 min
Delta R.T.: -0.003 min
Response: 7258303
Conc: 52.06 ug/ml



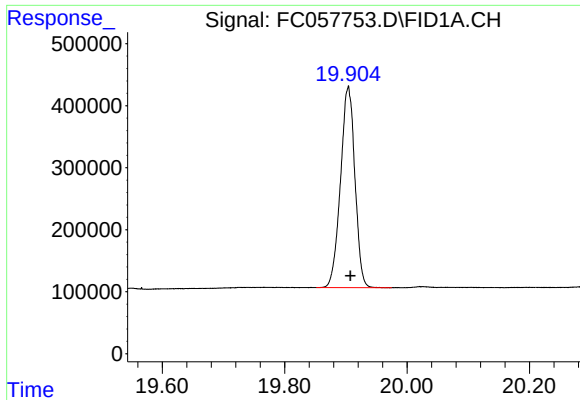
#19 n-Tetratriacontane (C34)

R.T.: 18.460 min
Delta R.T.: -0.004 min
Response: 6617473
Conc: 53.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.197 min
Delta R.T.: -0.004 min
Response: 5644577
Conc: 50.77 ug/ml



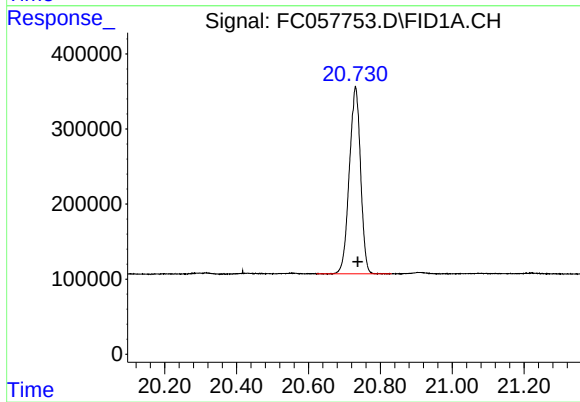
#21 n-Octatriacontane (C38)

R.T.: 19.904 min
Delta R.T.: -0.004 min
Response: 5288946
Conc: 50.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.731 min
Delta R.T.: -0.006 min
Response: 5397139
Conc: 56.37 ug/ml