

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011822AL\
 Data File : FC057982.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jan 2022 00:13
 Operator : AJ\MA
 Sample : PB142092BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB142092BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/19/2022
 Supervised By :Ankita Jodhani 01/19/2022

Integration File: autoint1.e
 Quant Time: Jan 19 00:45:16 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)	10.706	8598578	44.468 ug/ml
Spiked Amount 50.000		Recovery =	88.94%
12) S 1-chlorooctadecane (S...	12.143	6686701	45.368 ug/ml
Spiked Amount 50.000		Recovery =	90.74%
Target Compounds			
1) T n-Nonane (C9)	2.642	5810941	36.338 ug/ml
2) T n-Decane (C10)	3.628	6182041	38.462 ug/ml
3) T A~Naphthalene (C11.7)	5.161	7373977	40.610 ug/ml
4) T n-Dodecane (C12)	5.595	6761728	41.926 ug/ml
5) T A~2-methylnaphthalene...	6.202	7462619	40.809 ug/ml
6) T n-Tetradecane (C14)	7.377	7267046	44.018 ug/ml
7) T n-Hexadecane (C16)	8.967	7732617	46.292 ug/ml
8) T n-Octadecane (C18)	10.402	7839696	45.556 ug/ml
10) T n-Eicosane (C20)	11.704	7720652	45.099 ug/ml
11) T n-Heneicosane (C21)	12.313	7393006	42.753 ug/ml
13) T n-Docosane (C22)	12.897	7240050	41.849 ug/ml
14) T n-Tetracosane (C24)	13.994	6985468	40.353 ug/ml
15) T n-Hexacosane (C26)	15.013	6648506	39.507 ug/ml
16) T n-Octacosane (C28)	15.957	6531583	39.913 ug/ml
17) T n-Tricontane (C30)	16.844	6237041	39.949 ug/ml
18) T n-Dotriacontane (C32)	17.672	5904548	42.349 ug/ml
19) T n-Tetratriacontane (C34)	18.451	5332169	42.901 ug/mlm
20) T n-Hexatriacontane (C36)	19.189	4335273	38.994 ug/ml
21) T n-Octatriacontane (C38)	19.893	3700824	35.477 ug/ml
22) T n-Tetracontane (C40)	20.717	3503603	36.590 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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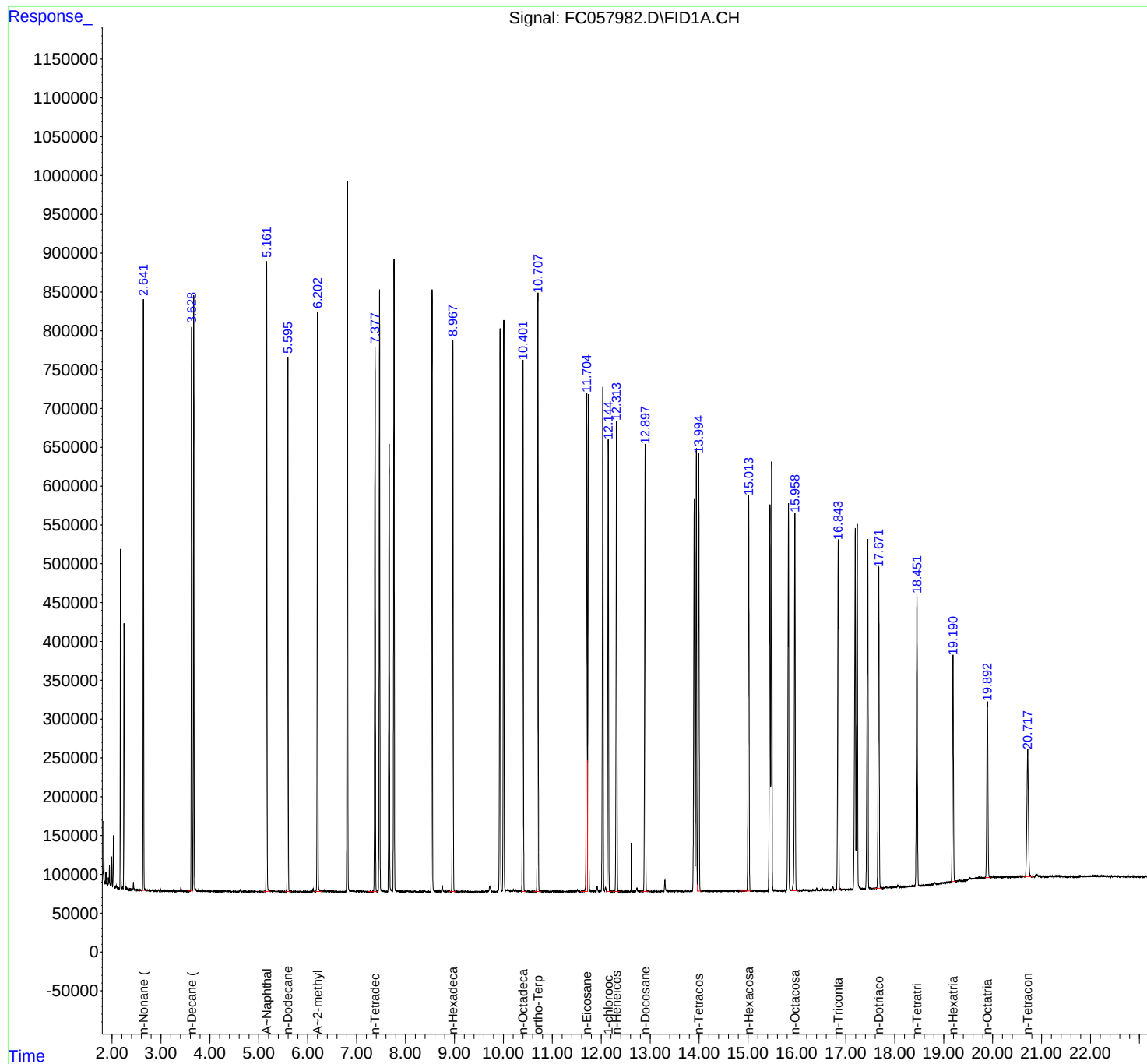
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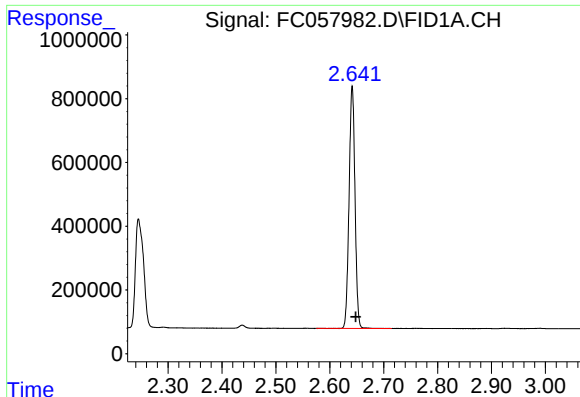
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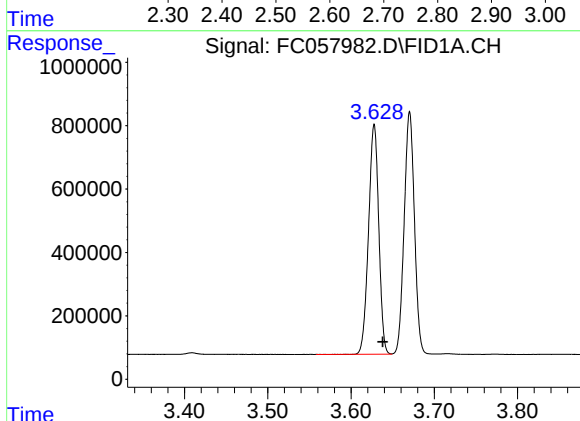
#1 n-Nonane (C9)

R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 5810941
Conc: 36.34 ug/ml

Instrument :
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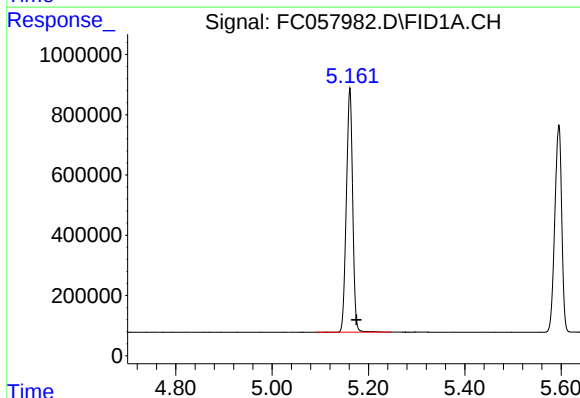
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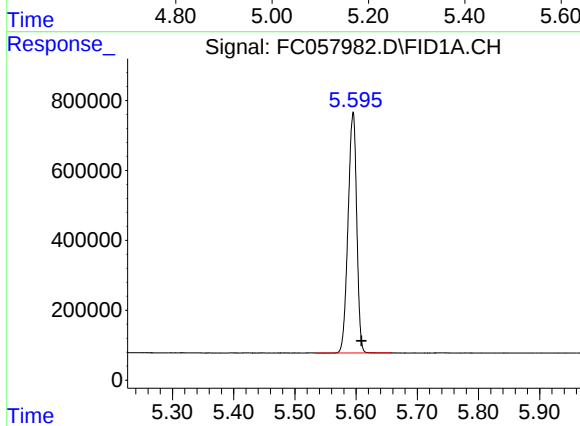
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: -0.010 min
Response: 6182041
Conc: 38.46 ug/ml



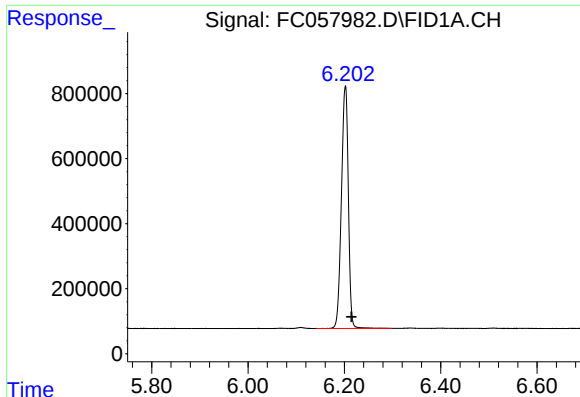
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.013 min
Response: 7373977
Conc: 40.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.595 min
Delta R.T.: -0.014 min
Response: 6761728
Conc: 41.93 ug/ml



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

R.T.: 6.202 min
Delta R.T.: -0.013 min
Response: 7462619
Conc: 40.81 ug/ml

Instrument :

FID_C

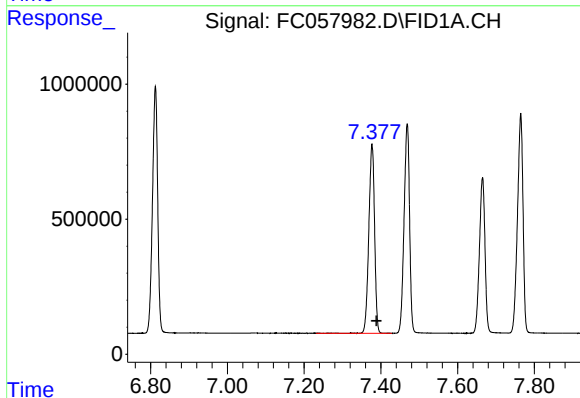
ClientSampleId :

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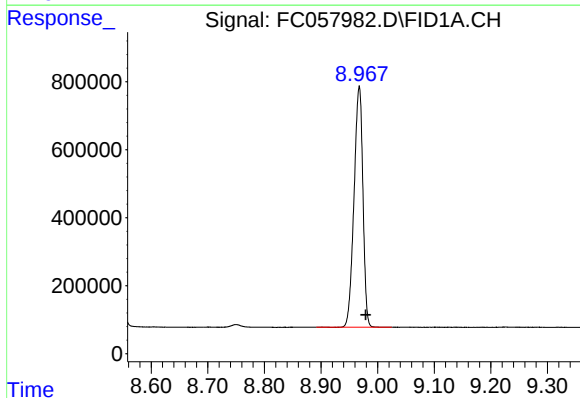
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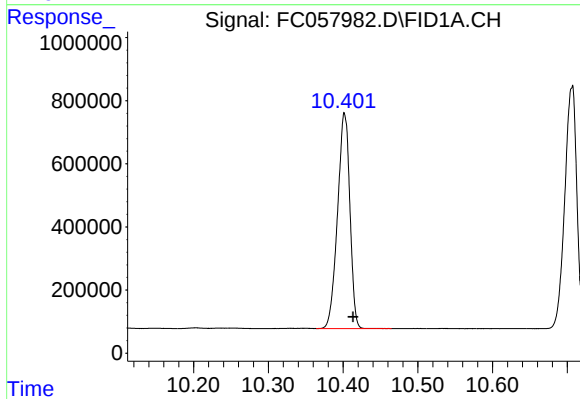
#6 n-Tetradecane (C14)

R.T.: 7.377 min
Delta R.T.: -0.012 min
Response: 7267046
Conc: 44.02 ug/ml



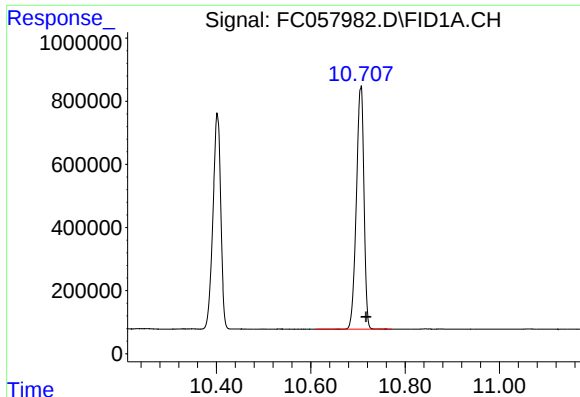
#7 n-Hexadecane (C16)

R.T.: 8.967 min
Delta R.T.: -0.012 min
Response: 7732617
Conc: 46.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.402 min
Delta R.T.: -0.011 min
Response: 7839696
Conc: 45.56 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.706 min
Delta R.T.: -0.012 min
Response: 8598578
Conc: 44.47 ug/ml

Instrument :

FID_C

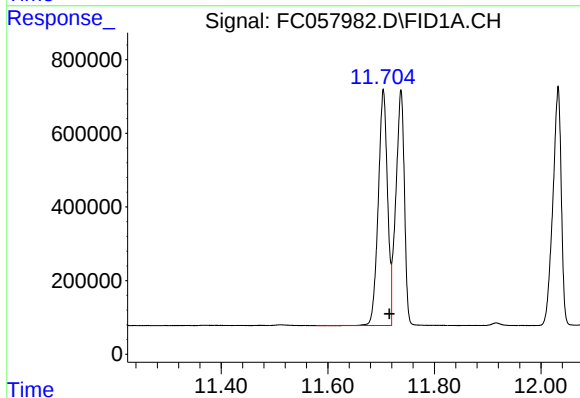
ClientSampleId :

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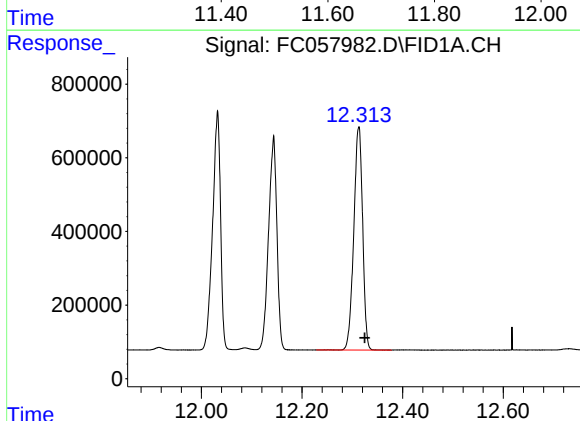
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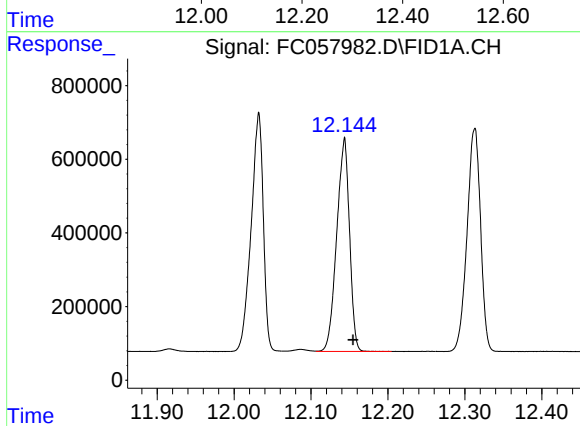
#10 n-Eicosane (C20)

R.T.: 11.704 min
Delta R.T.: -0.011 min
Response: 7720652
Conc: 45.10 ug/ml



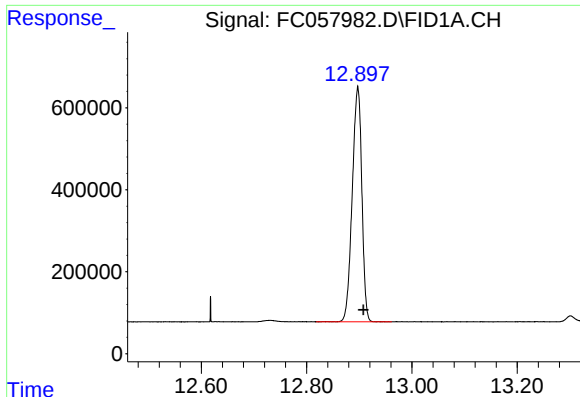
#11 n-Heneicosane (C21)

R.T.: 12.313 min
Delta R.T.: -0.012 min
Response: 7393006
Conc: 42.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.143 min
Delta R.T.: -0.012 min
Response: 6686701
Conc: 45.37 ug/ml



#13 n-Docosane (C22)

R.T.: 12.897 min
Delta R.T.: -0.011 min
Response: 7240050
Conc: 41.85 ug/ml

Instrument :

FID_C

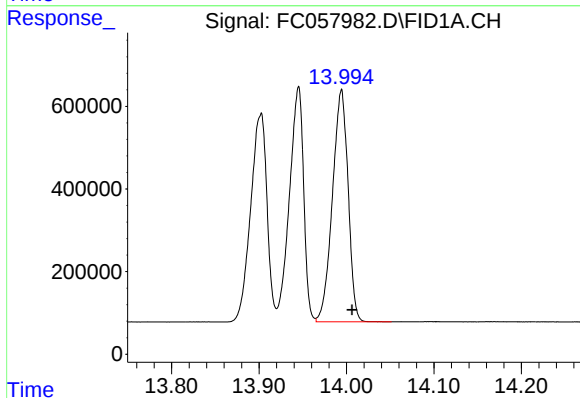
ClientSampleId :

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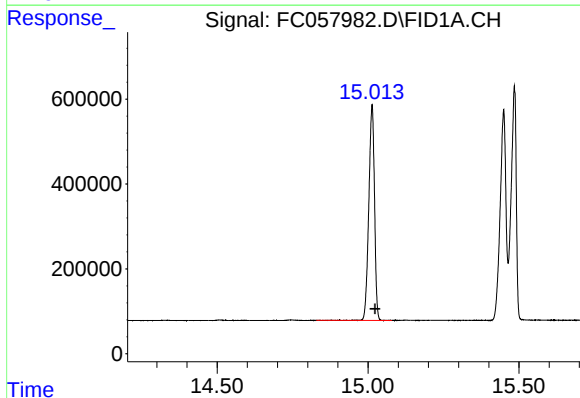
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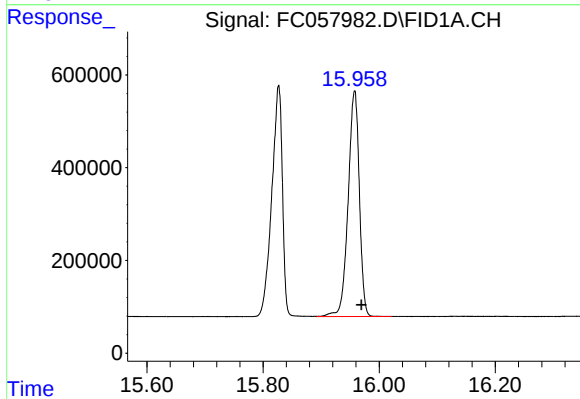
#14 n-Tetracosane (C24)

R.T.: 13.994 min
Delta R.T.: -0.012 min
Response: 6985468
Conc: 40.35 ug/ml



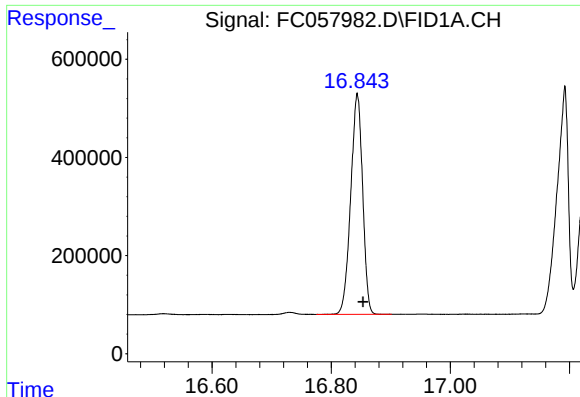
#15 n-Hexacosane (C26)

R.T.: 15.013 min
Delta R.T.: -0.010 min
Response: 6648506
Conc: 39.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.957 min
Delta R.T.: -0.012 min
Response: 6531583
Conc: 39.91 ug/ml



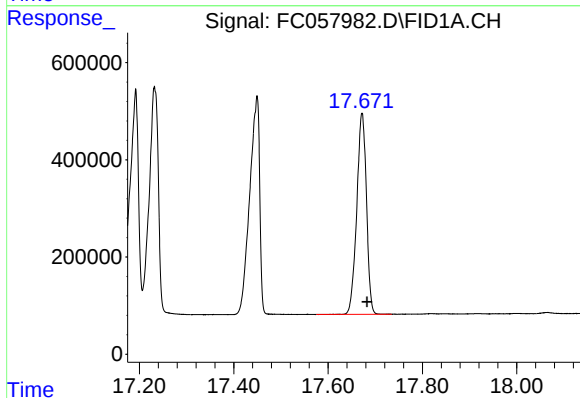
#17 n-Tricontane (C30)

R.T.: 16.844 min
Delta R.T.: -0.010 min
Response: 6237041
Conc: 39.95 ug/ml

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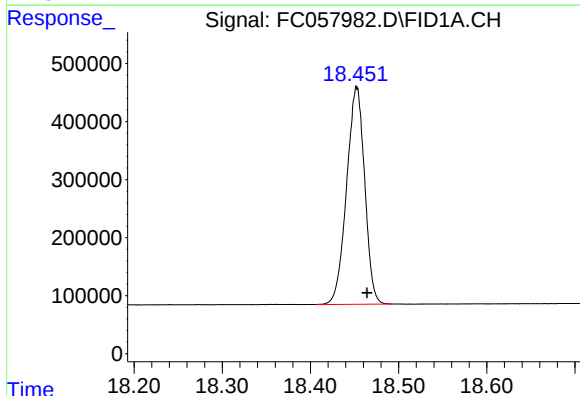
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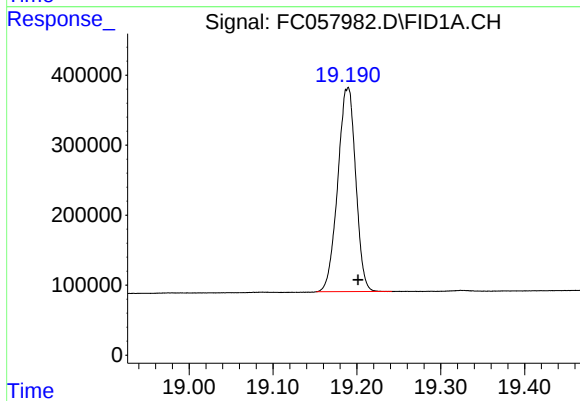
#18 n-Dotriacontane (C32)

R.T.: 17.672 min
Delta R.T.: -0.011 min
Response: 5904548
Conc: 42.35 ug/ml



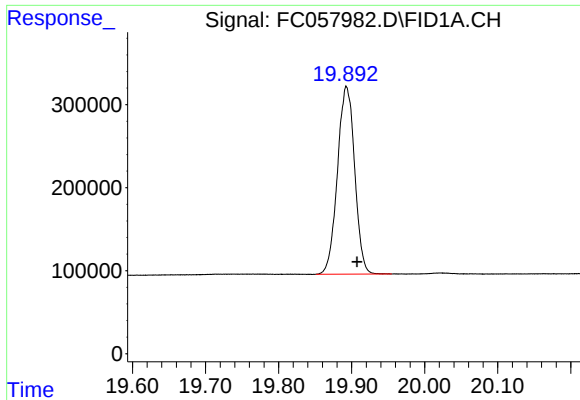
#19 n-Tetratriacontane (C34)

R.T.: 18.451 min
Delta R.T.: -0.013 min
Response: 5332169
Conc: 42.90 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.189 min
Delta R.T.: -0.013 min
Response: 4335273
Conc: 38.99 ug/ml



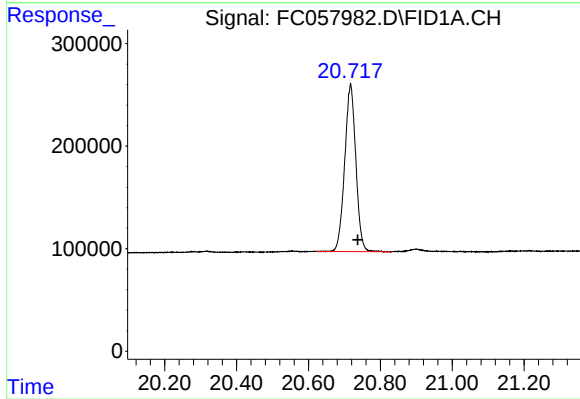
#21 n-Octatriacontane (C38)

R.T.: 19.893 min
Delta R.T.: -0.014 min
Response: 3700824
Conc: 35.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.717 min
Delta R.T.: -0.020 min
Response: 3503603
Conc: 36.59 ug/ml