

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011822AL\
 Data File : FC057965.D
 Signal(s) : FID1A.CH
 Acq On : 18 Jan 2022 12:40
 Operator : AJ\MA
 Sample : PB142030BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB142030BSD

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 00:40:44 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			
12) S 1-chlorooctadecane (S...	12.146	5741374	38.954 ug/ml
Spiked Amount 50.000		Recovery =	77.91%
Target Compounds			
1) T n-Nonane (C9)	2.634	4662695	29.158 ug/ml
2) T n-Decane (C10)	3.625	5848136	36.385 ug/ml
4) T n-Dodecane (C12)	5.598	6816432	42.265 ug/ml
6) T n-Tetradecane (C14)	7.379	7360144	44.582 ug/ml
7) T n-Hexadecane (C16)	8.970	8252511	49.404 ug/ml
8) T n-Octadecane (C18)	10.404	8705117	50.585 ug/ml
10) T n-Eicosane (C20)	11.708	8436443	49.280 ug/ml
11) T n-Heneicosane (C21)	12.318	8273106	47.843 ug/ml
13) T n-Docosane (C22)	12.901	8106882	46.859 ug/ml
14) T n-Tetracosane (C24)	14.000	7840507	45.292 ug/ml
15) T n-Hexacosane (C26)	15.017	7502195	44.579 ug/ml
16) T n-Octacosane (C28)	15.963	7279602	44.484 ug/ml
17) T n-Tricontane (C30)	16.848	7085483	45.384 ug/ml
18) T n-Dotriacontane (C32)	17.678	6743871	48.369 ug/ml
19) T n-Tetratriacontane (C34)	18.459	6173955	49.674 ug/ml
20) T n-Hexatriacontane (C36)	19.196	5316703	47.821 ug/ml
21) T n-Octatriacontane (C38)	19.903	4834116	46.342 ug/ml
22) T n-Tetracontane (C40)	20.729	4827340	50.415 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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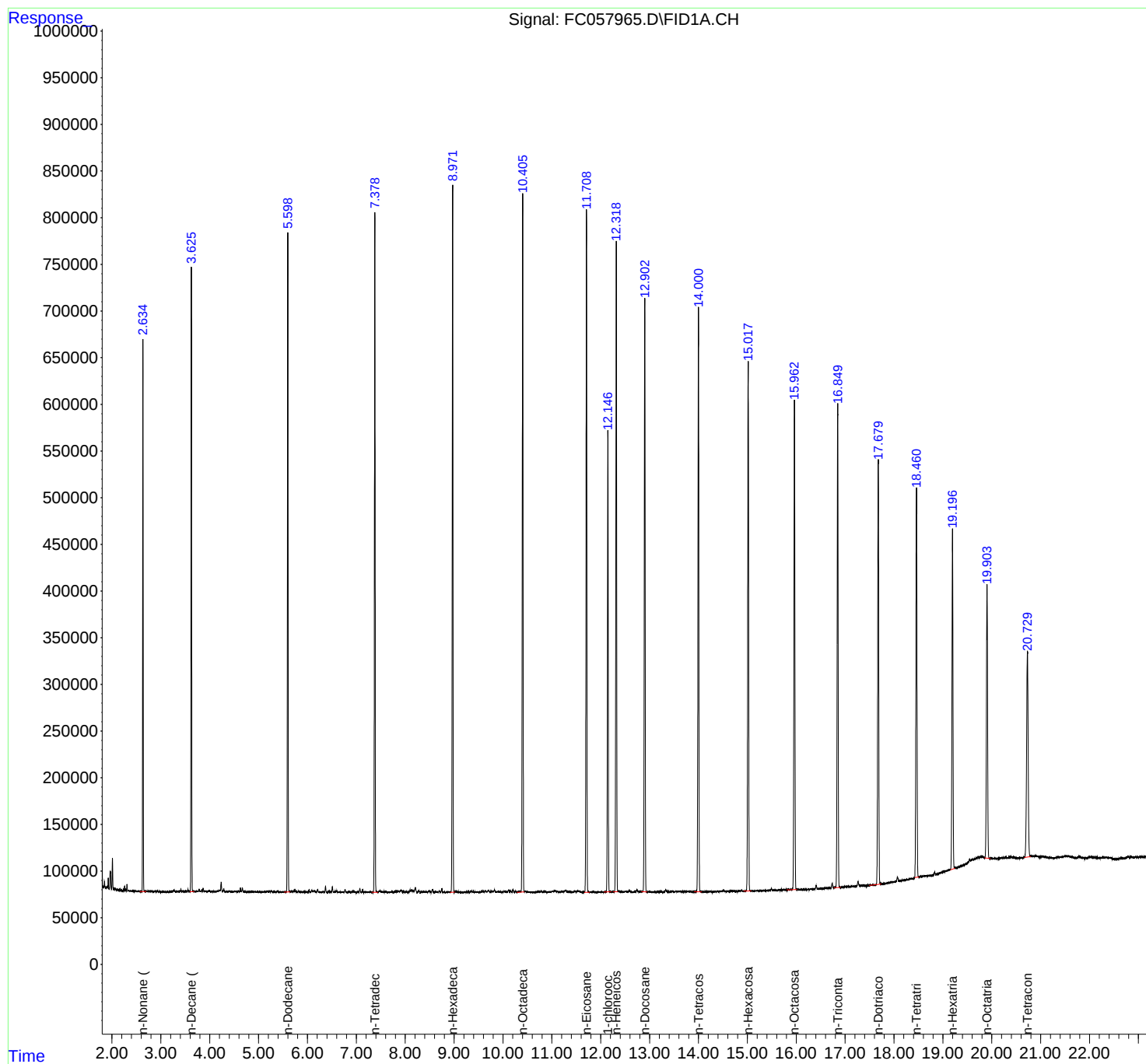
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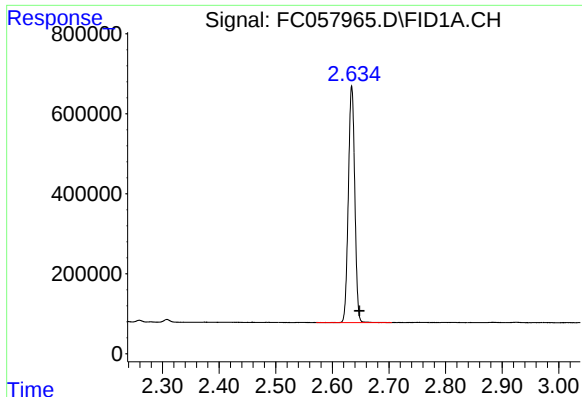
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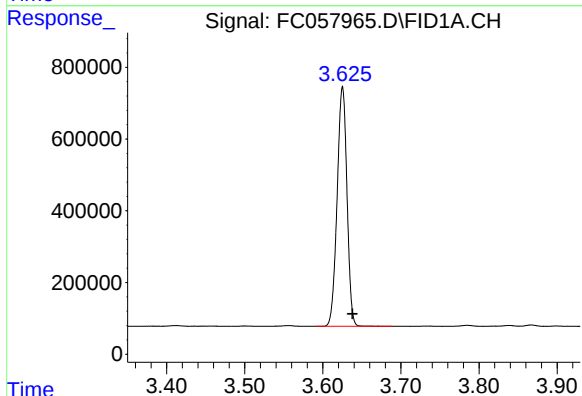
#1 n-Nonane (C9)

R.T.: 2.634 min
Delta R.T.: -0.014 min
Response: 4662695
Conc: 29.16 ug/ml

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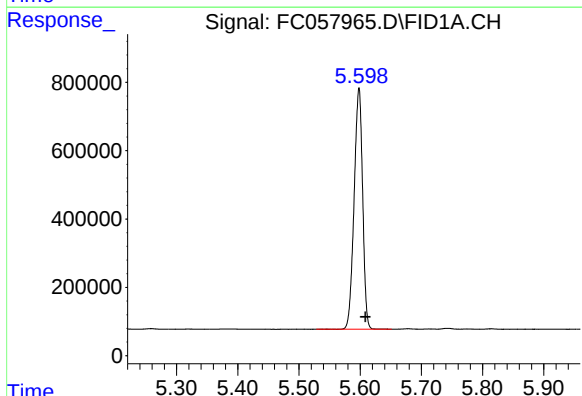
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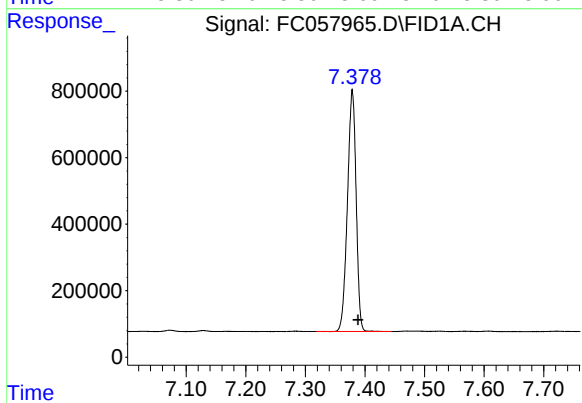
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.013 min
Response: 5848136
Conc: 36.38 ug/ml



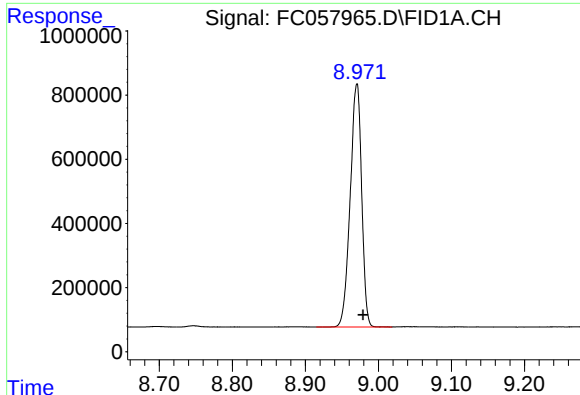
#4 n-Dodecane (C12)

R.T.: 5.598 min
Delta R.T.: -0.011 min
Response: 6816432
Conc: 42.27 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.379 min
Delta R.T.: -0.010 min
Response: 7360144
Conc: 44.58 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.970 min
Delta R.T.: -0.009 min
Response: 8252511
Conc: 49.40 ug/ml

Instrument :

FID_C

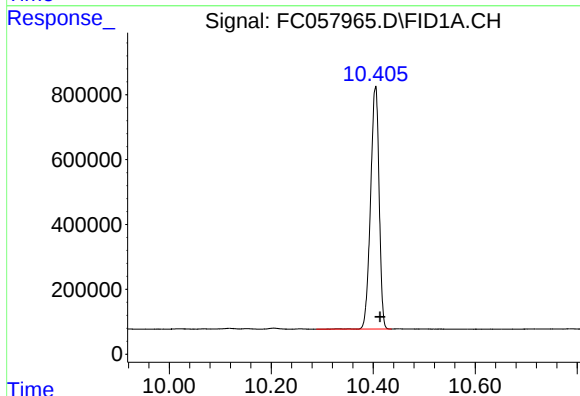
ClientSampleId :

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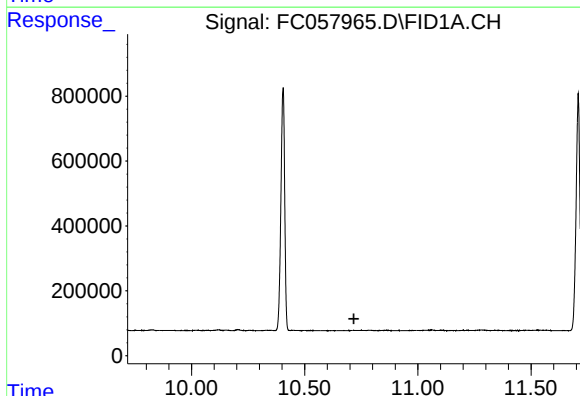
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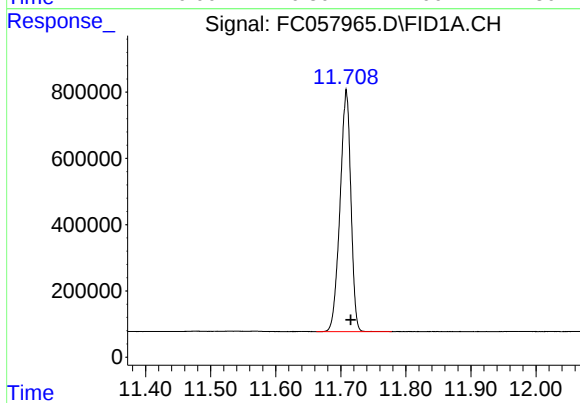
#8 n-Octadecane (C18)

R.T.: 10.404 min
Delta R.T.: -0.009 min
Response: 8705117
Conc: 50.59 ug/ml



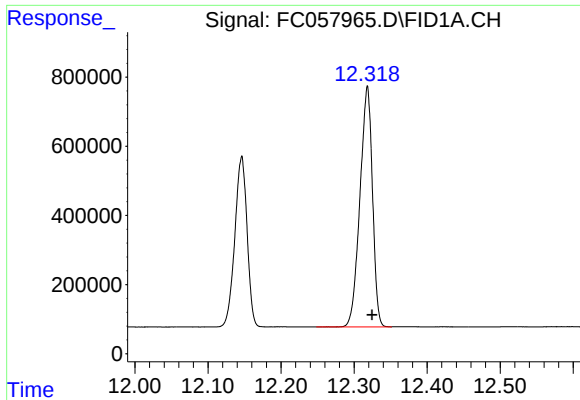
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.717 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.708 min
Delta R.T.: -0.007 min
Response: 8436443
Conc: 49.28 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.318 min
Delta R.T.: -0.007 min
Response: 8273106
Conc: 47.84 ug/ml

Instrument :

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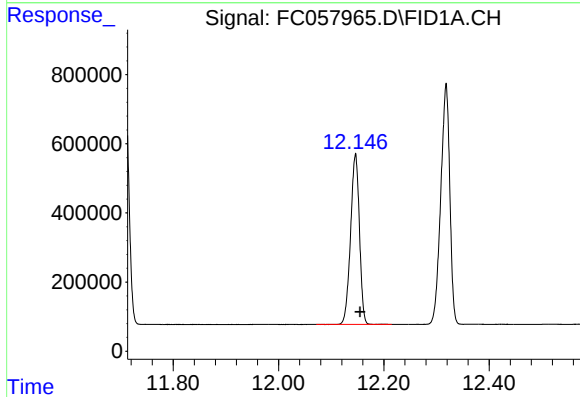
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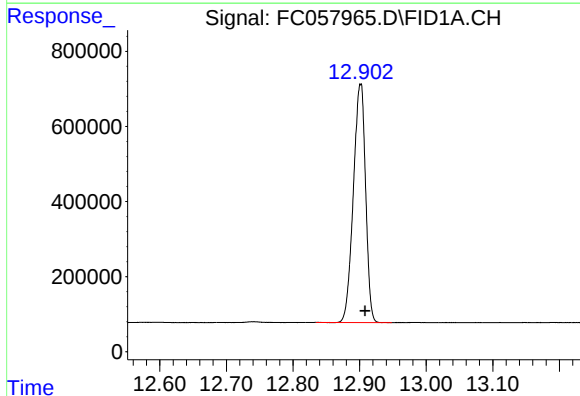
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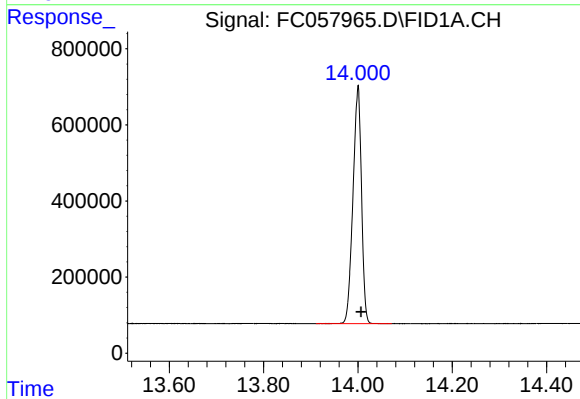
#12 1-chlorooctadecane (SURR)

R.T.: 12.146 min
Delta R.T.: -0.009 min
Response: 5741374
Conc: 38.95 ug/ml



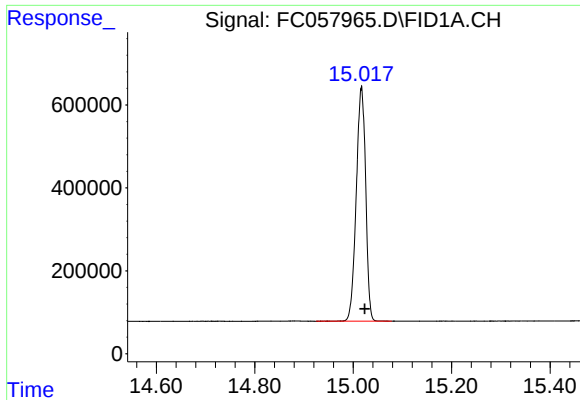
#13 n-Docosane (C22)

R.T.: 12.901 min
Delta R.T.: -0.007 min
Response: 8106882
Conc: 46.86 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.000 min
Delta R.T.: -0.006 min
Response: 7840507
Conc: 45.29 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.017 min
Delta R.T.: -0.006 min
Response: 7502195
Conc: 44.58 ug/ml

Instrument :

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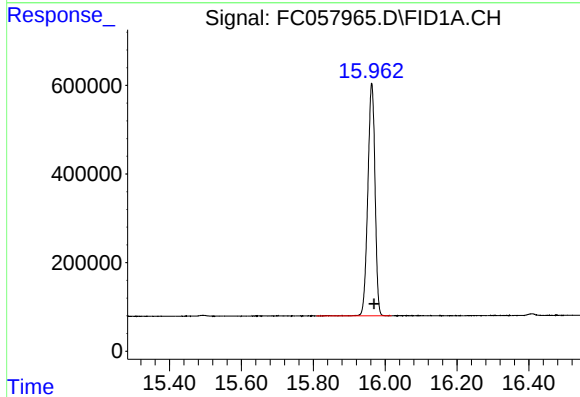
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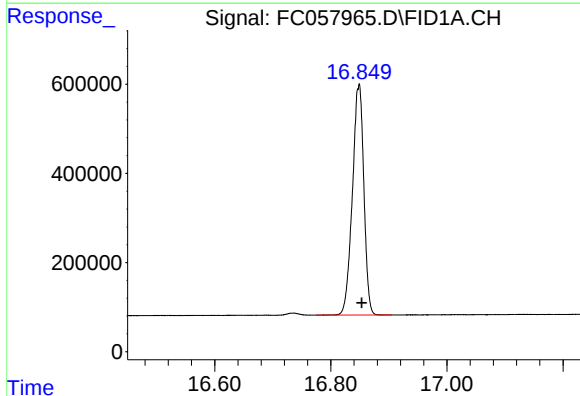
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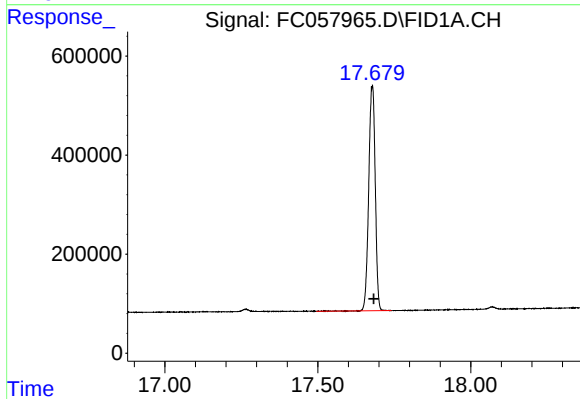
#16 n-Octacosane (C28)

R.T.: 15.963 min
Delta R.T.: -0.007 min
Response: 7279602
Conc: 44.48 ug/ml



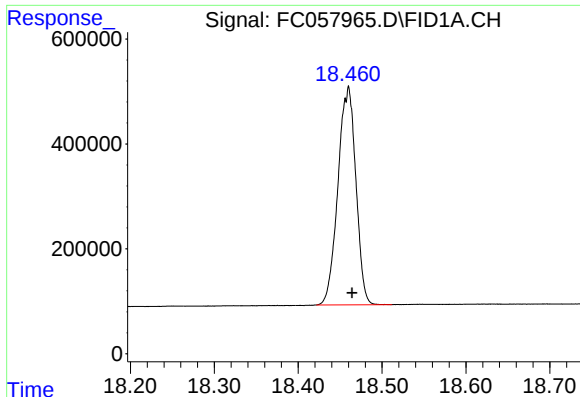
#17 n-Tricontane (C30)

R.T.: 16.848 min
Delta R.T.: -0.005 min
Response: 7085483
Conc: 45.38 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.678 min
Delta R.T.: -0.005 min
Response: 6743871
Conc: 48.37 ug/ml



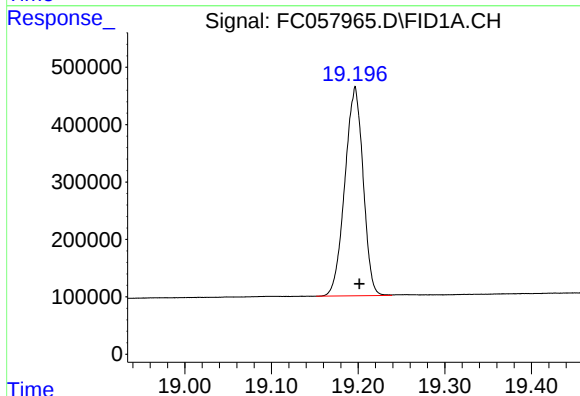
#19 n-Tetratriacontane (C34)

R.T.: 18.459 min
Delta R.T.: -0.005 min
Response: 6173955
Conc: 49.67 ug/ml

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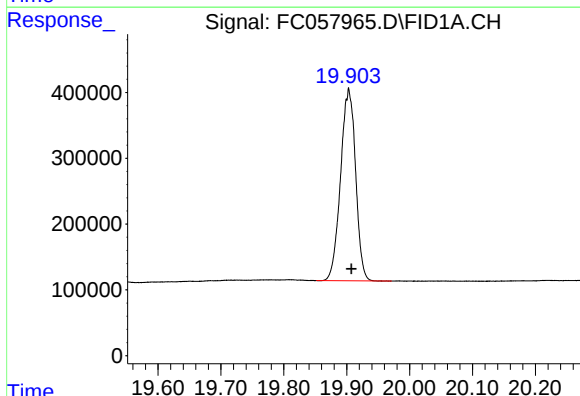
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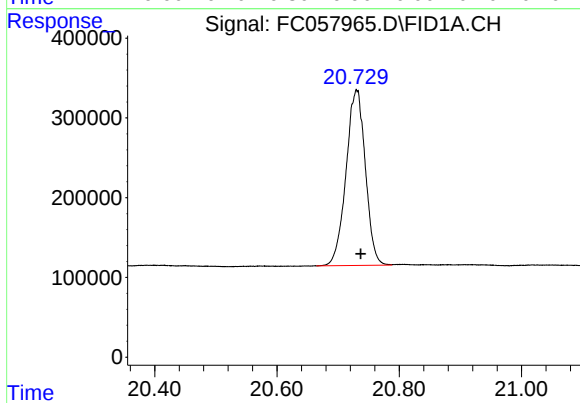
#20 n-Hexatriacontane (C36)

R.T.: 19.196 min
Delta R.T.: -0.005 min
Response: 5316703
Conc: 47.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.903 min
Delta R.T.: -0.004 min
Response: 4834116
Conc: 46.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.729 min
Delta R.T.: -0.008 min
Response: 4827340
Conc: 50.41 ug/ml m