

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031722AL\
 Data File : FC058805.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2022 18:35
 Operator : UA/NP
 Sample : PB143389BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB143389BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/18/2022
 Supervised By :Ankita Jodhani 03/18/2022

Integration File: autoint1.e
 Quant Time: Mar 17 23:05:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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...	12.830	6620453	58.407 ug/ml
Spiked Amount 50.000		Recovery =	116.81%
Target Compounds			
1) T n-Nonane (C9)	3.251	3487049	28.997 ug/ml
2) T n-Decane (C10)	4.302	4339723	36.468 ug/ml
4) T n-Dodecane (C12)	6.297	5023281	40.834 ug/ml
6) T n-Tetradecane (C14)	8.073	5356015	42.743 ug/ml
7) T n-Hexadecane (C16)	9.661	5988233	46.500 ug/ml
8) T n-Octadecane (C18)	11.090	6594220	50.111 ug/ml
10) T n-Eicosane (C20)	12.390	6540915	49.742 ug/ml
11) T n-Heneicosane (C21)	12.998	6517562	49.316 ug/ml
13) T n-Docosane (C22)	13.580	6449505	49.471 ug/ml
14) T n-Tetracosane (C24)	14.675	6313828	48.894 ug/ml
15) T n-Hexacosane (C26)	15.690	6152829	49.740 ug/ml
16) T n-Octacosane (C28)	16.634	5949559	49.982 ug/ml
17) T n-Tricontane (C30)	17.517	5813861	51.650 ug/ml
18) T n-Dotriacontane (C32)	18.344	5744562	53.422 ug/ml
19) T n-Tetratriacontane (C34)	19.124	5694208	58.770 ug/ml
20) T n-Hexatriacontane (C36)	19.859	5875147	65.123 ug/ml
21) T n-Octatriacontane (C38)	20.564	5762205	66.215 ug/mlm
22) T n-Tetracontane (C40)	21.389	5857751	69.804 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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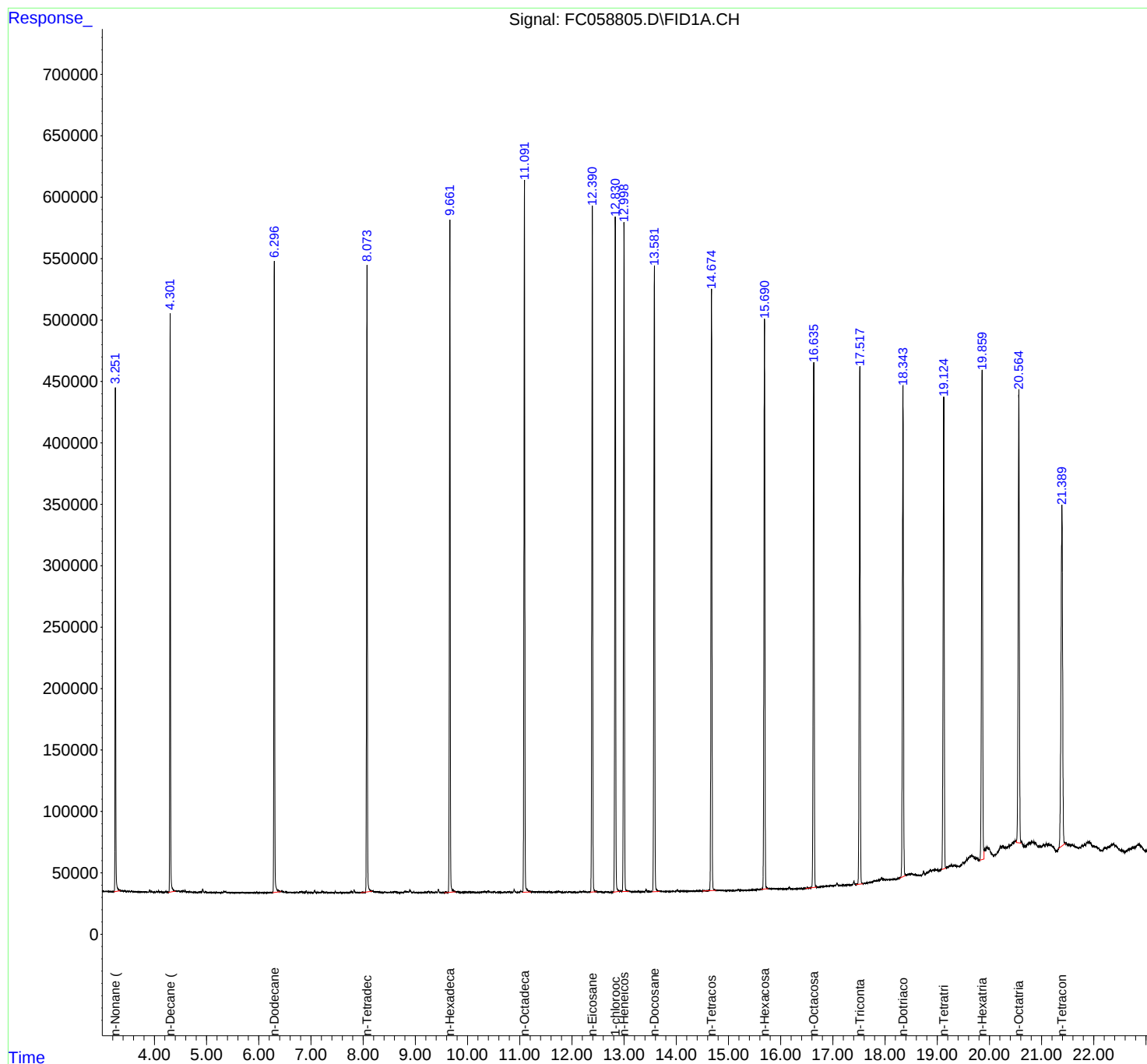
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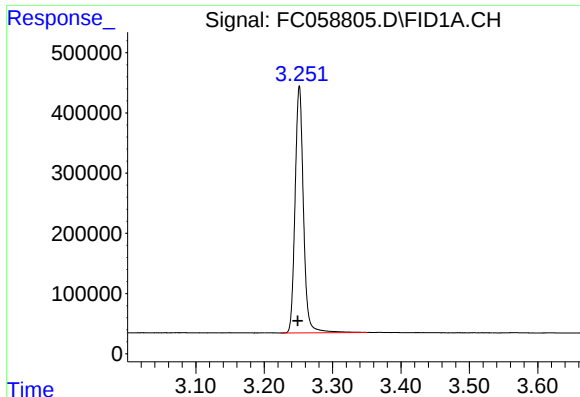
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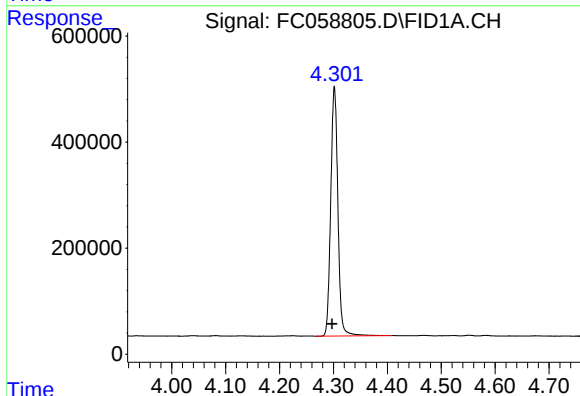
#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: 0.002 min
Response: 3487049
Conc: 29.00 ug/ml

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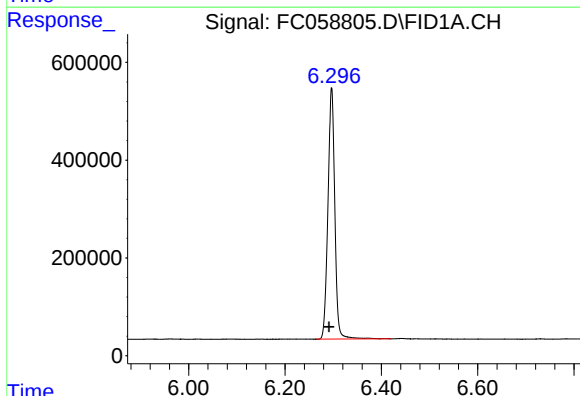
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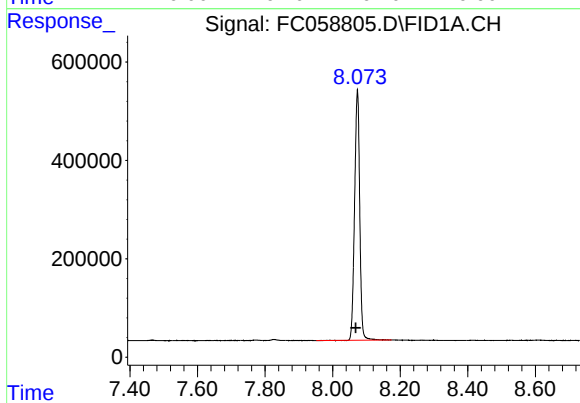
#2 n-Decane (C10)

R.T.: 4.302 min
Delta R.T.: 0.004 min
Response: 4339723
Conc: 36.47 ug/ml



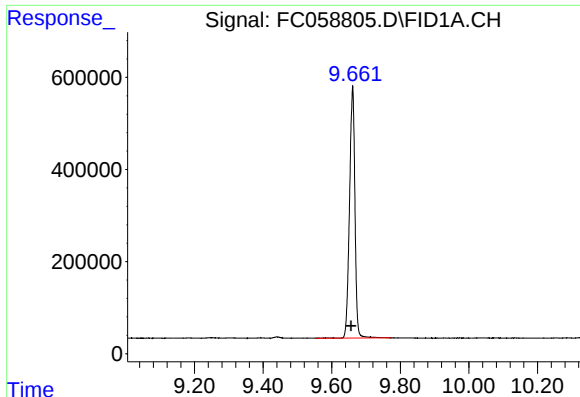
#4 n-Dodecane (C12)

R.T.: 6.297 min
Delta R.T.: 0.006 min
Response: 5023281
Conc: 40.83 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.073 min
Delta R.T.: 0.005 min
Response: 5356015
Conc: 42.74 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.661 min
Delta R.T.: 0.004 min
Response: 5988233
Conc: 46.50 ug/ml

Instrument :

FID_C

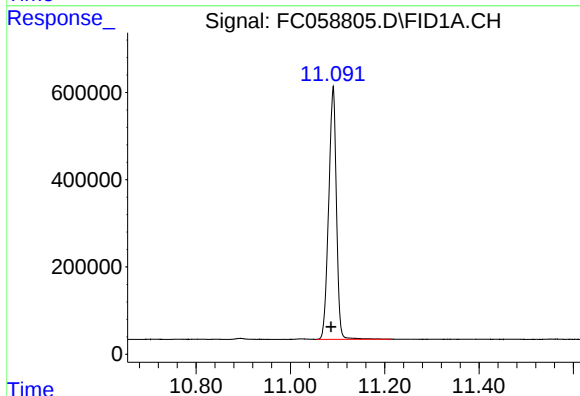
ClientSampleId :

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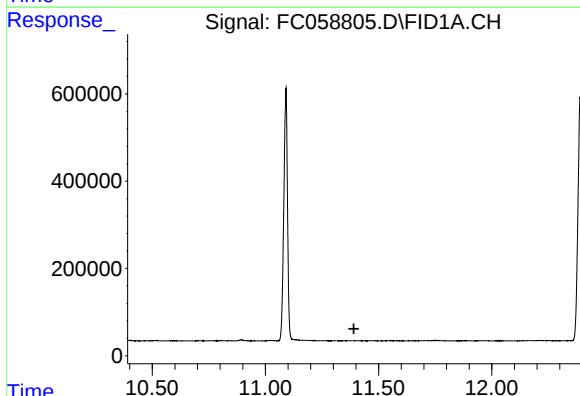
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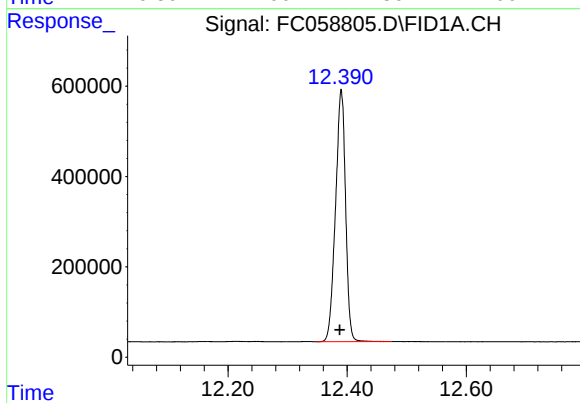
#8 n-Octadecane (C18)

R.T.: 11.090 min
Delta R.T.: 0.004 min
Response: 6594220
Conc: 50.11 ug/ml



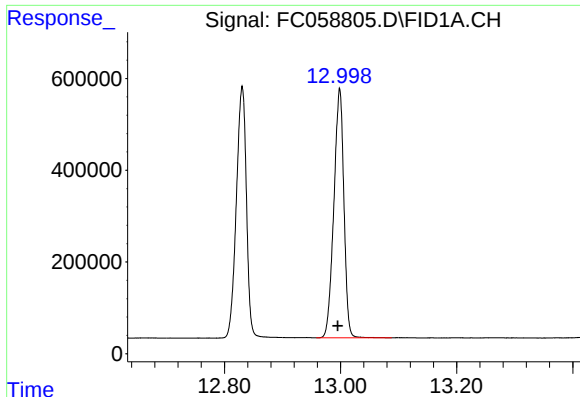
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.391 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.390 min
Delta R.T.: 0.003 min
Response: 6540915
Conc: 49.74 ug/ml



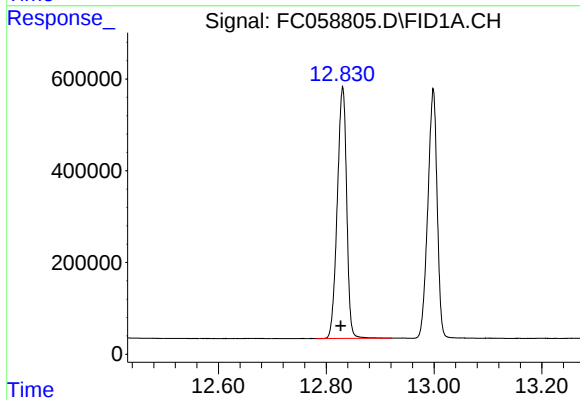
#11 n-Heneicosane (C21)

R.T.: 12.998 min
Delta R.T.: 0.003 min
Response: 6517562
Conc: 49.32 ug/ml

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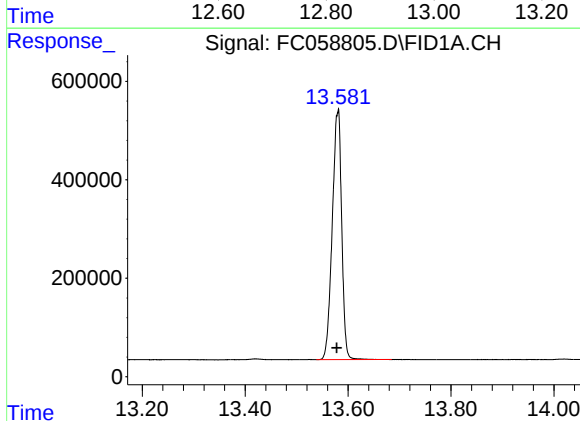
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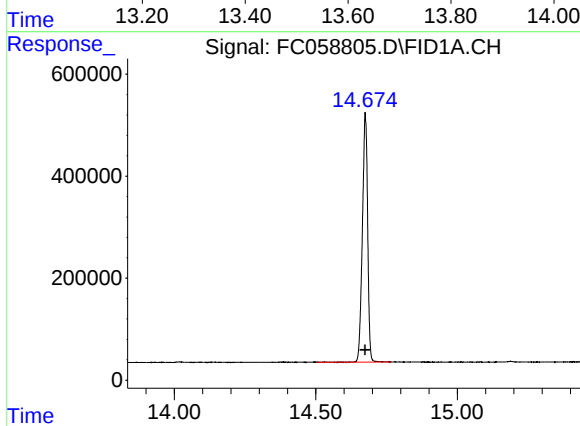
#12 1-chlorooctadecane (SURR)

R.T.: 12.830 min
Delta R.T.: 0.003 min
Response: 6620453
Conc: 58.41 ug/ml



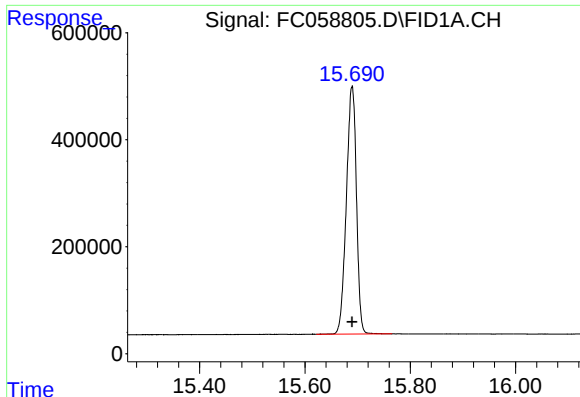
#13 n-Docosane (C22)

R.T.: 13.580 min
Delta R.T.: 0.002 min
Response: 6449505
Conc: 49.47 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.675 min
Delta R.T.: 0.001 min
Response: 6313828
Conc: 48.89 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.690 min
Delta R.T.: 0.000 min
Response: 6152829
Conc: 49.74 ug/ml

Instrument :

FID_C

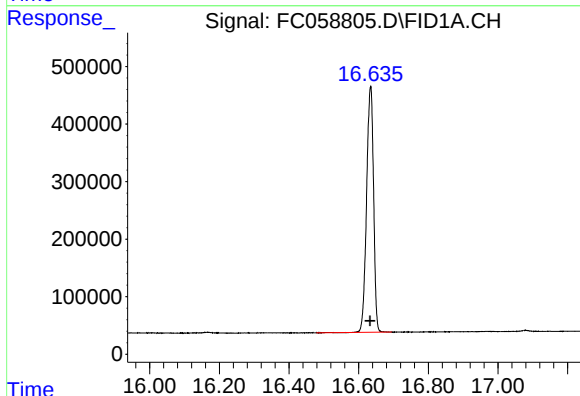
ClientSampleId :

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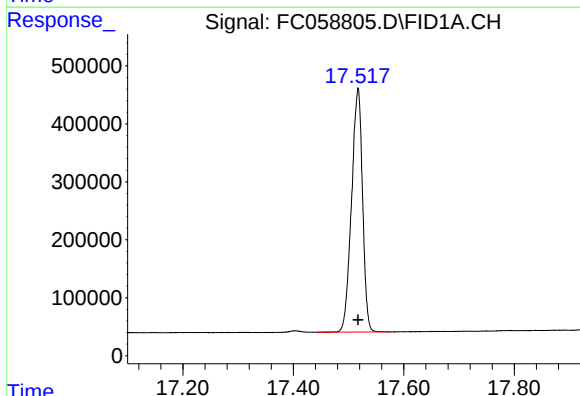
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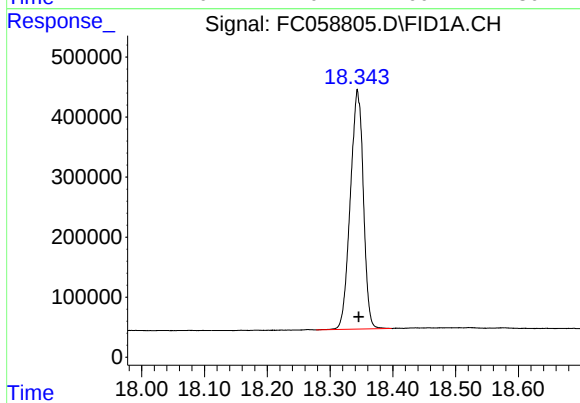
#16 n-Octacosane (C28)

R.T.: 16.634 min
Delta R.T.: 0.000 min
Response: 5949559
Conc: 49.98 ug/ml



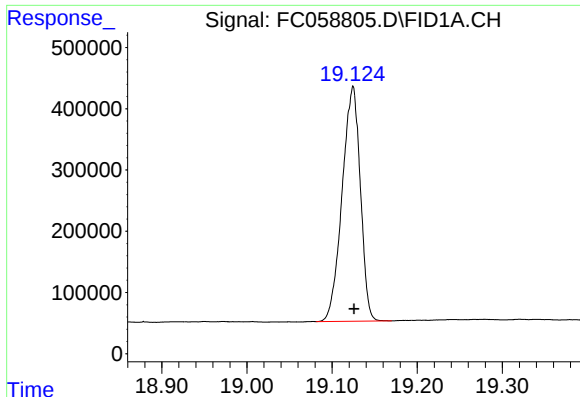
#17 n-Tricontane (C30)

R.T.: 17.517 min
Delta R.T.: 0.000 min
Response: 5813861
Conc: 51.65 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.344 min
Delta R.T.: -0.002 min
Response: 5744562
Conc: 53.42 ug/ml



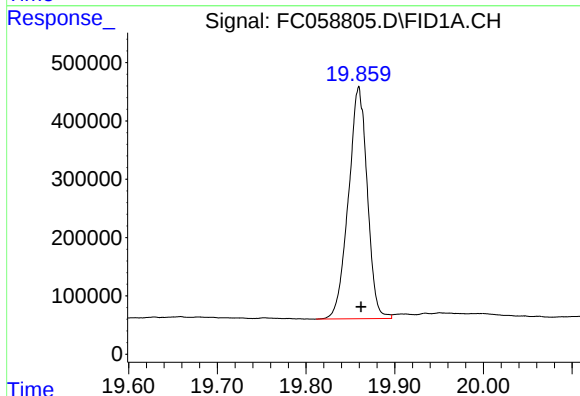
#19 n-Tetratriacontane (C34)

R.T.: 19.124 min
Delta R.T.: -0.002 min
Response: 5694208
Conc: 58.77 ug/ml

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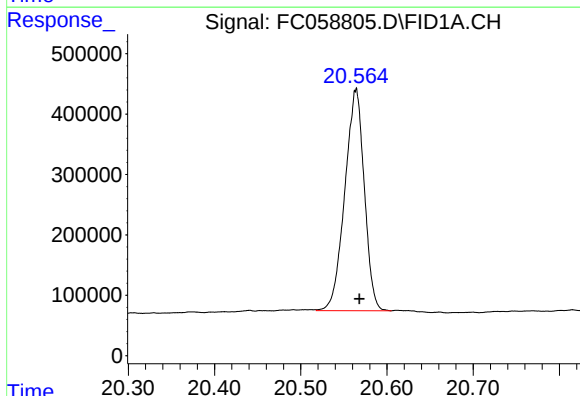
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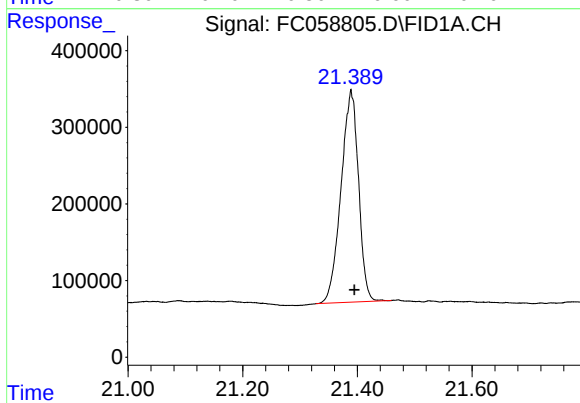
#20 n-Hexatriacontane (C36)

R.T.: 19.859 min
Delta R.T.: -0.003 min
Response: 5875147
Conc: 65.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.564 min
Delta R.T.: -0.003 min
Response: 5762205
Conc: 66.21 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.389 min
Delta R.T.: -0.005 min
Response: 5857751
Conc: 69.80 ug/ml