

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031722AL\
 Data File : FC058806.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2022 19:15
 Operator : UA/NP
 Sample : PB143389BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB143389BSD

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 23:05:44 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...	12.828	5525489	48.747 ug/ml
Spiked Amount 50.000		Recovery =	97.49%
Target Compounds			
1) T n-Nonane (C9)	3.254	3745199	31.144 ug/ml
2) T n-Decane (C10)	4.304	4662103	39.178 ug/ml
4) T n-Dodecane (C12)	6.297	5389705	43.812 ug/ml
6) T n-Tetradecane (C14)	8.074	5716658	45.621 ug/ml
7) T n-Hexadecane (C16)	9.661	6400774	49.703 ug/ml
8) T n-Octadecane (C18)	11.091	7059461	53.646 ug/ml
10) T n-Eicosane (C20)	12.390	7003674	53.261 ug/ml
11) T n-Heneicosane (C21)	12.998	6975424	52.781 ug/ml
13) T n-Docosane (C22)	13.580	6893539	52.877 ug/ml
14) T n-Tetracosane (C24)	14.676	6760678	52.354 ug/ml
15) T n-Hexacosane (C26)	15.690	6577050	53.169 ug/ml
16) T n-Octacosane (C28)	16.634	6381623	53.612 ug/ml
17) T n-Tricontane (C30)	17.516	6203258	55.109 ug/ml
18) T n-Dotriacontane (C32)	18.345	6076210	56.507 ug/mlm
19) T n-Tetratriacontane (C34)	19.123	6164352	63.622 ug/ml
20) T n-Hexatriacontane (C36)	19.860	6101744	67.634 ug/ml
21) T n-Octatriacontane (C38)	20.564	6195771	71.197 ug/mlm
22) T n-Tetracontane (C40)	21.391	6247309	74.446 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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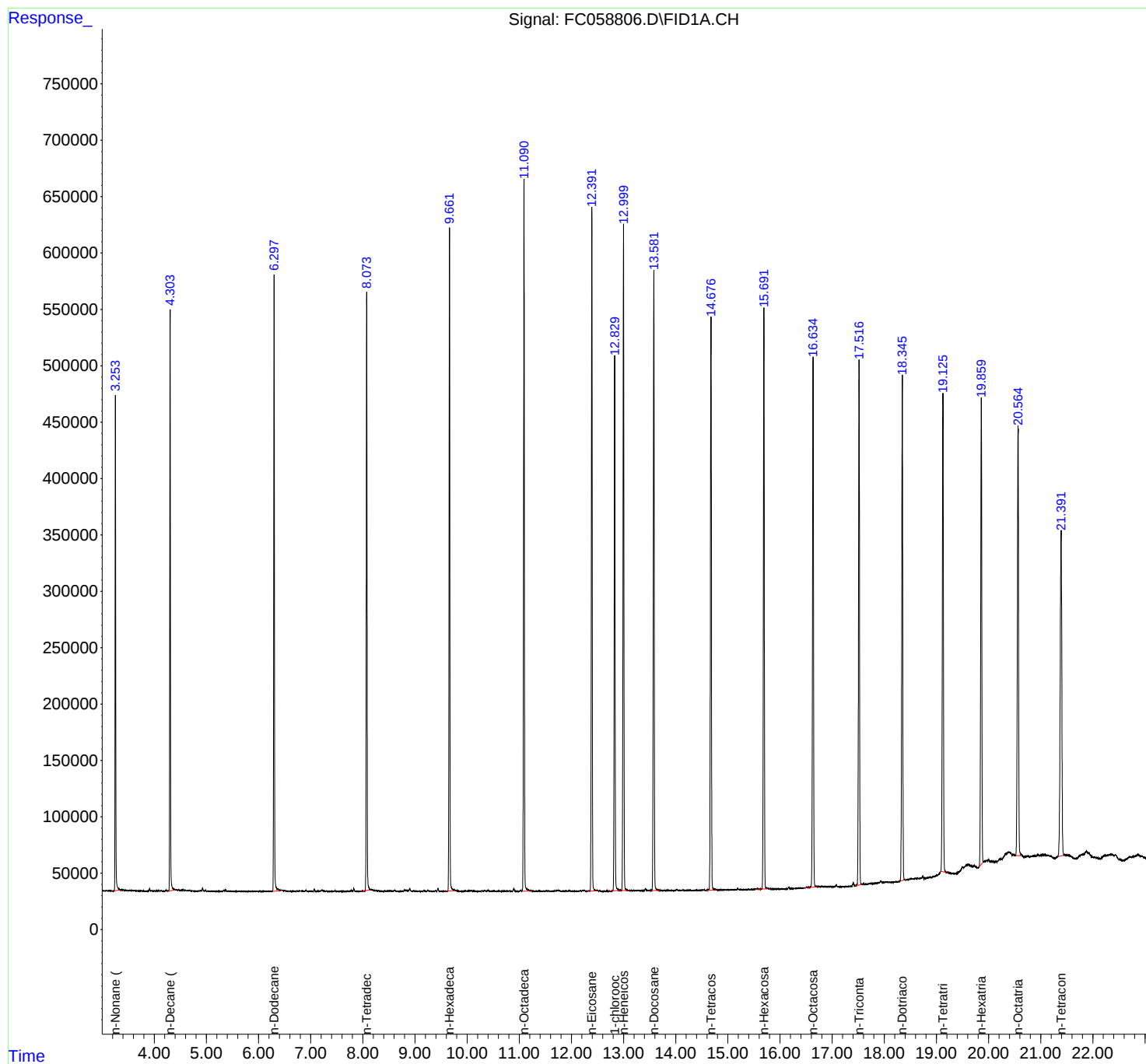
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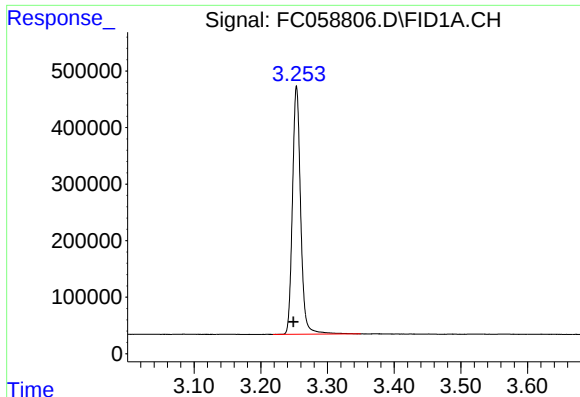
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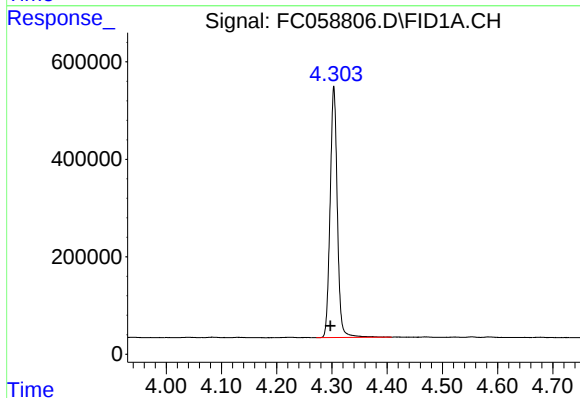
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: 0.005 min
Response: 3745199
Conc: 31.14 ug/ml

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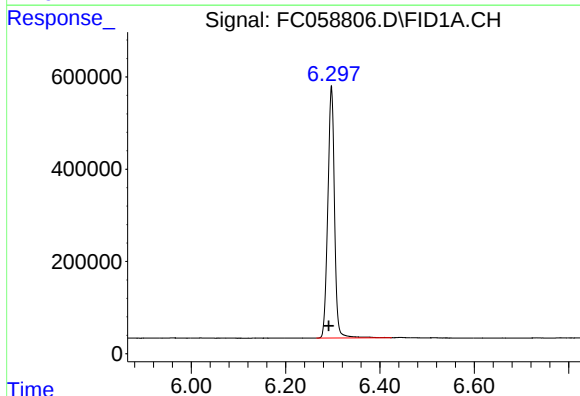
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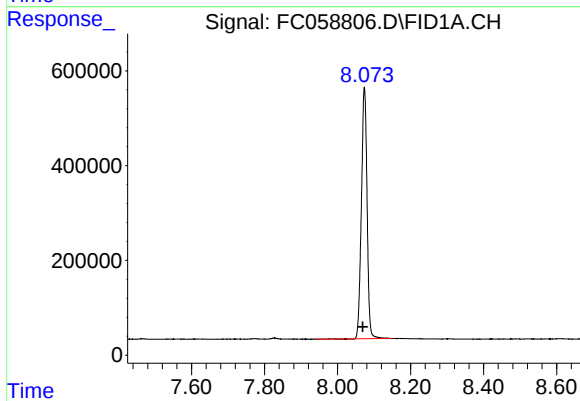
#2 n-Decane (C10)

R.T.: 4.304 min
Delta R.T.: 0.006 min
Response: 4662103
Conc: 39.18 ug/ml



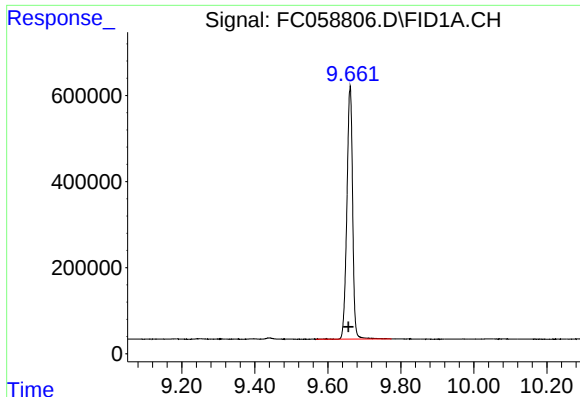
#4 n-Dodecane (C12)

R.T.: 6.297 min
Delta R.T.: 0.006 min
Response: 5389705
Conc: 43.81 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.074 min
Delta R.T.: 0.005 min
Response: 5716658
Conc: 45.62 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.661 min
Delta R.T.: 0.005 min
Response: 6400774
Conc: 49.70 ug/ml

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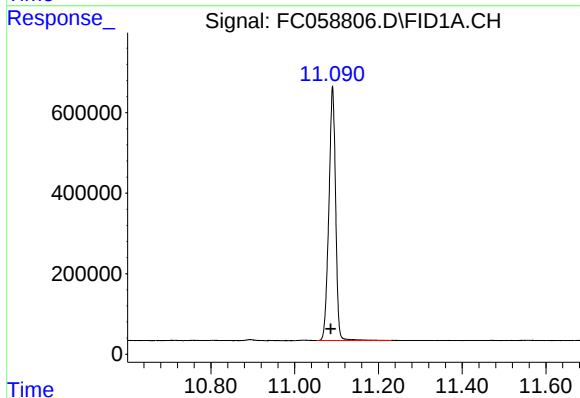
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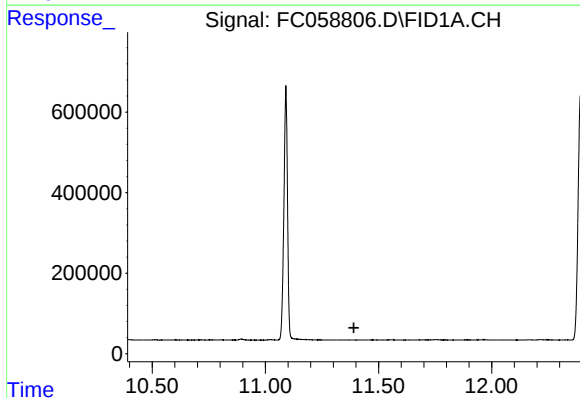
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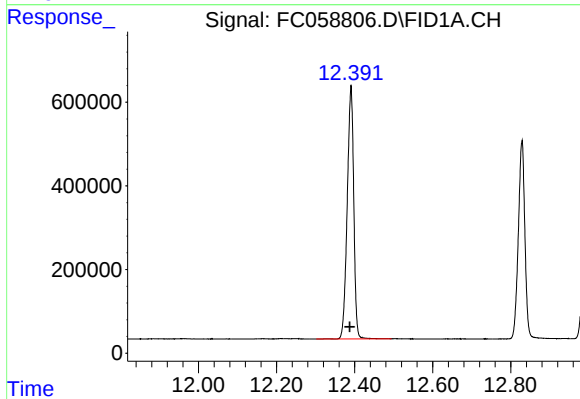
#8 n-Octadecane (C18)

R.T.: 11.091 min
Delta R.T.: 0.004 min
Response: 7059461
Conc: 53.65 ug/ml



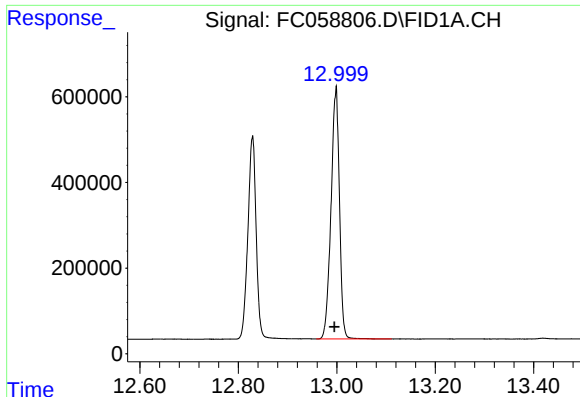
#9 ortho-Terphenyl (SURR)

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: 7003674
Conc: 53.26 ug/ml



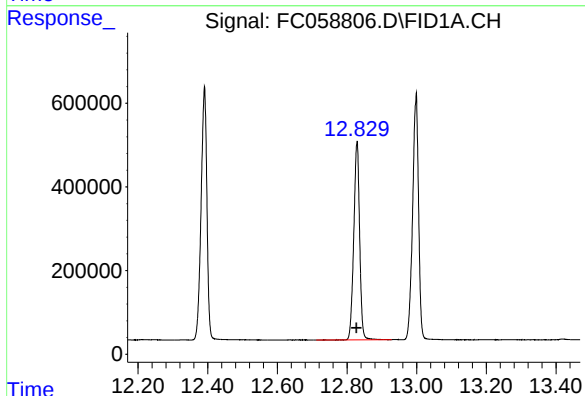
#11 n-Heneicosane (C21)

R.T.: 12.998 min
Delta R.T.: 0.002 min
Response: 6975424
Conc: 52.78 ug/ml

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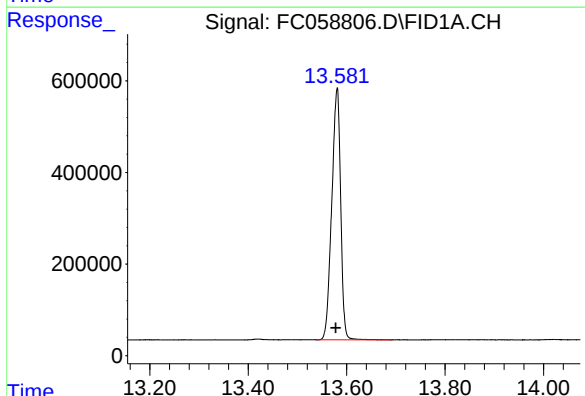
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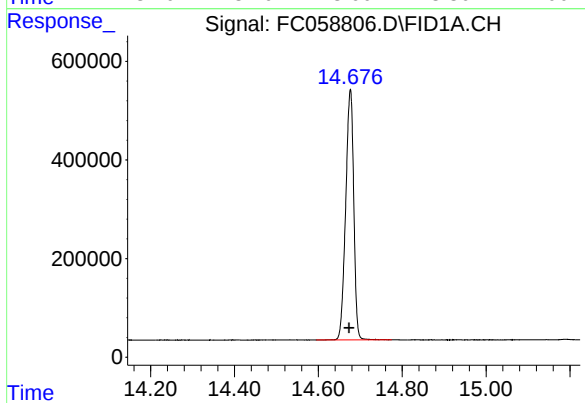
#12 1-chlorooctadecane (SURR)

R.T.: 12.828 min
Delta R.T.: 0.001 min
Response: 5525489
Conc: 48.75 ug/ml



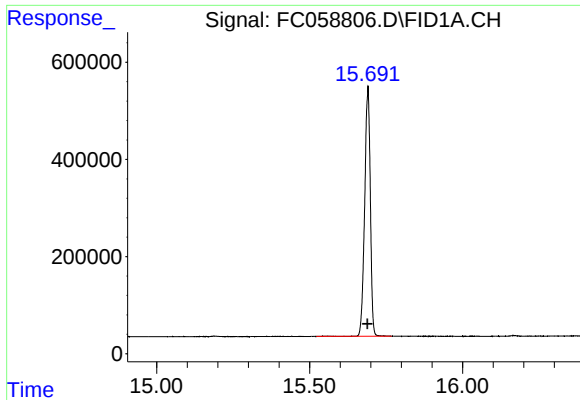
#13 n-Docosane (C22)

R.T.: 13.580 min
Delta R.T.: 0.002 min
Response: 6893539
Conc: 52.88 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.676 min
Delta R.T.: 0.002 min
Response: 6760678
Conc: 52.35 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.690 min
Delta R.T.: 0.000 min
Response: 6577050
Conc: 53.17 ug/ml

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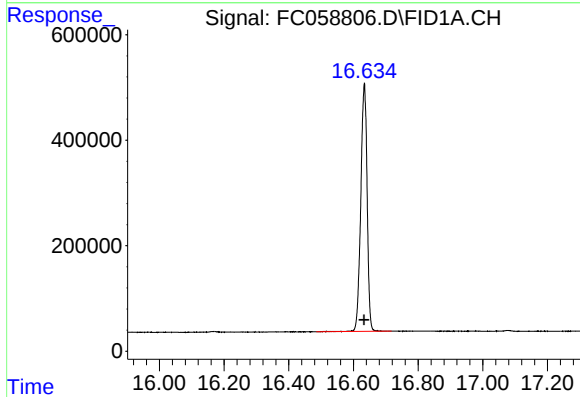
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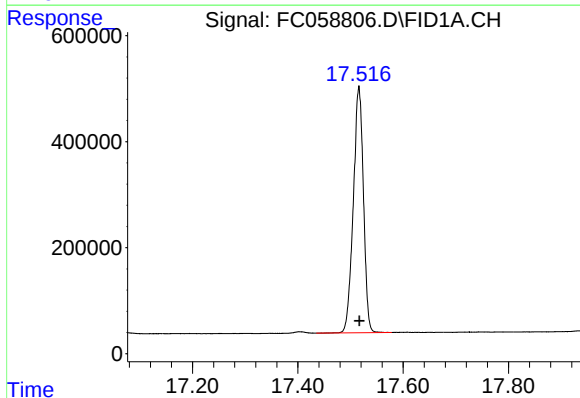
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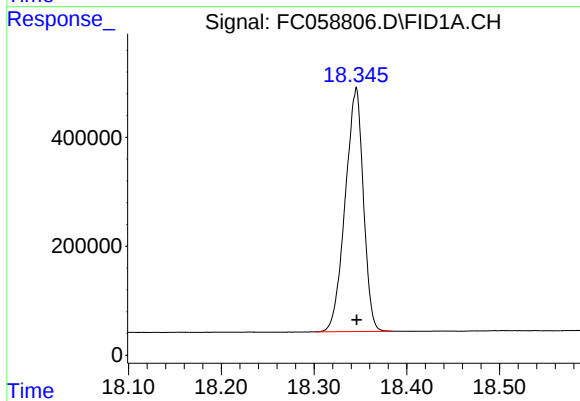
#16 n-Octacosane (C28)

R.T.: 16.634 min
Delta R.T.: 0.000 min
Response: 6381623
Conc: 53.61 ug/ml



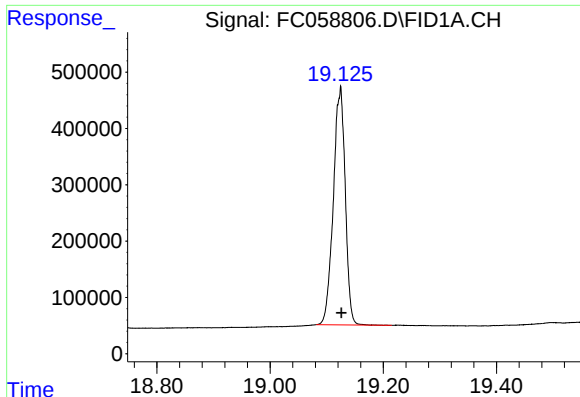
#17 n-Tricontane (C30)

R.T.: 17.516 min
Delta R.T.: -0.001 min
Response: 6203258
Conc: 55.11 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.345 min
Delta R.T.: 0.000 min
Response: 6076210
Conc: 56.51 ug/ml m



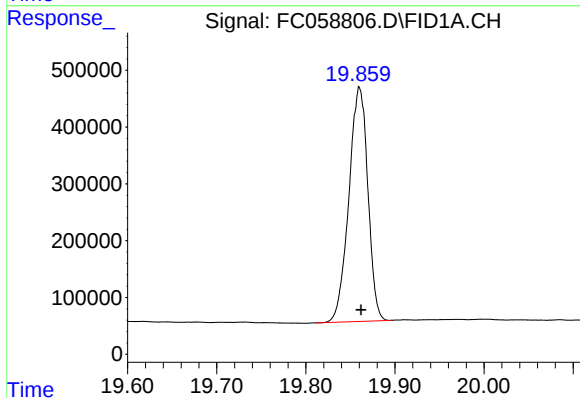
#19 n-Tetratriacontane (C34)

R.T.: 19.123 min
Delta R.T.: -0.002 min
Response: 6164352
Conc: 63.62 ug/ml

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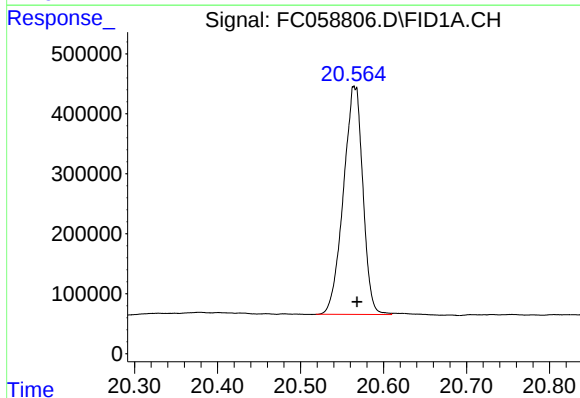
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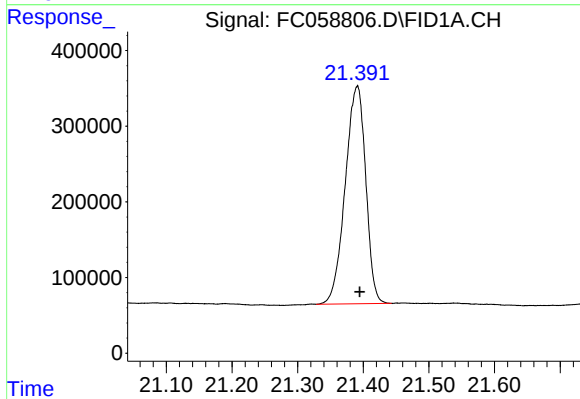
#20 n-Hexatriacontane (C36)

R.T.: 19.860 min
Delta R.T.: -0.002 min
Response: 6101744
Conc: 67.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.564 min
Delta R.T.: -0.004 min
Response: 6195771
Conc: 71.20 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.391 min
Delta R.T.: -0.004 min
Response: 6247309
Conc: 74.45 ug/ml