

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021422AL\
 Data File : FC058297.D
 Signal(s) : FID1A.CH
 Acq On : 14 Feb 2022 12:10
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 13:17:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021422.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 14 13:16:38 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)	11.398	69574690	52.183 ug/ml
Spiked Amount 50.000		Recovery =	104.37%
12) S 1-chlorooctadecane (S...	12.826	50994404	52.877 ug/ml
Spiked Amount 50.000		Recovery =	105.75%
Target Compounds			
1) T n-Nonane (C9)	3.359	60869329	51.163 ug/ml
2) T n-Decane (C10)	4.330	62506526	52.457 ug/ml
3) T A~Naphthalene (C11.7)	5.847	68076304	51.820 ug/ml
4) T n-Dodecane (C12)	6.285	62626051	51.351 ug/ml
5) T A~2-methylnaphthalene...	6.892	66921788	52.247 ug/ml
6) T n-Tetradecane (C14)	8.063	62777805	51.687 ug/ml
7) T n-Hexadecane (C16)	9.653	62047768	51.854 ug/ml
8) T n-Octadecane (C18)	11.091	62721025	51.958 ug/ml
10) T n-Eicosane (C20)	12.389	60892380	52.037 ug/ml
11) T n-Heneicosane (C21)	13.000	61024677	52.277 ug/ml
13) T n-Docosane (C22)	13.582	60074203	52.587 ug/ml
14) T n-Tetracosane (C24)	14.680	59098128	53.054 ug/ml
15) T n-Hexacosane (C26)	15.695	56577615	53.114 ug/ml
16) T n-Octacosane (C28)	16.642	54580478	52.745 ug/ml
17) T n-Tricontane (C30)	17.525	51302554	52.170 ug/ml
18) T n-Dotriacontane (C32)	18.350	44487008	51.238 ug/ml
19) T n-Tetratriacontane (C34)	19.126	36811415	51.083 ug/ml
20) T n-Hexatriacontane (C36)	19.860	27343780	50.154 ug/ml
21) T n-Octatriacontane (C38)	20.559	19281175	48.021 ug/ml
22) T n-Tetracontane (C40)	21.380	13892924	47.207 ug/ml

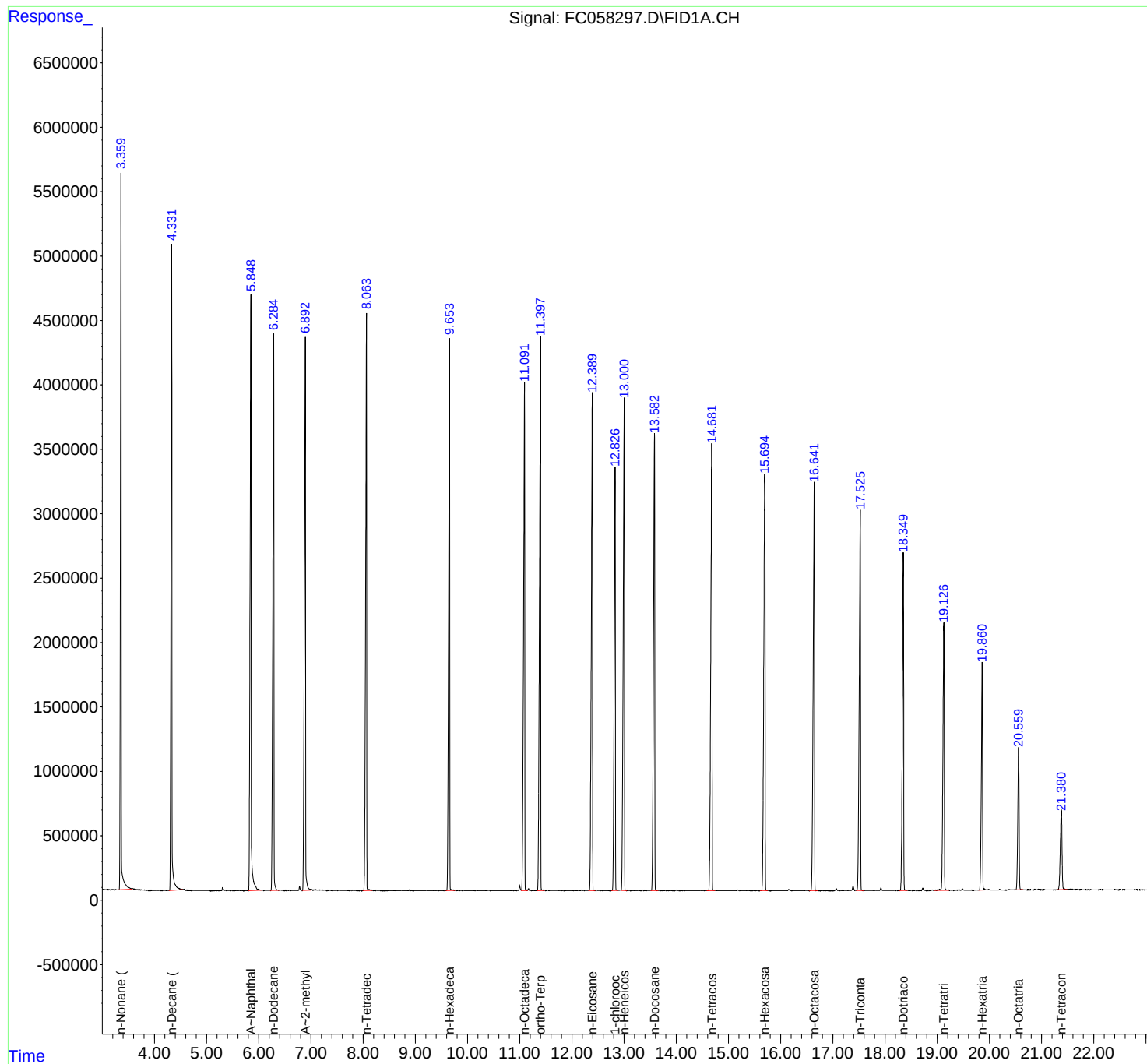
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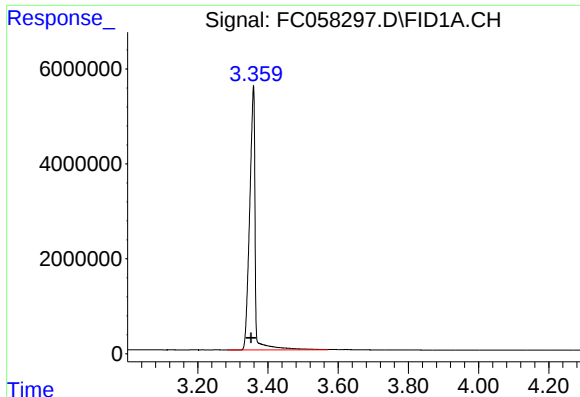
(m)=manual int.

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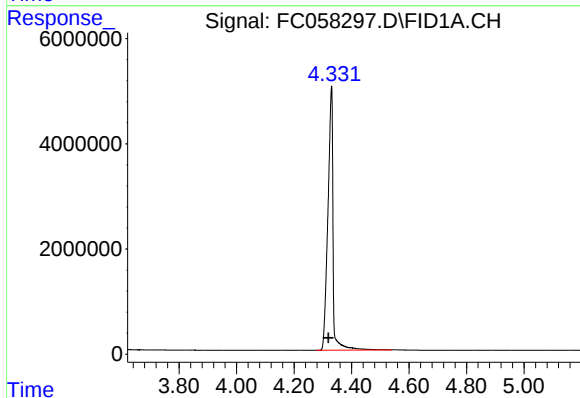
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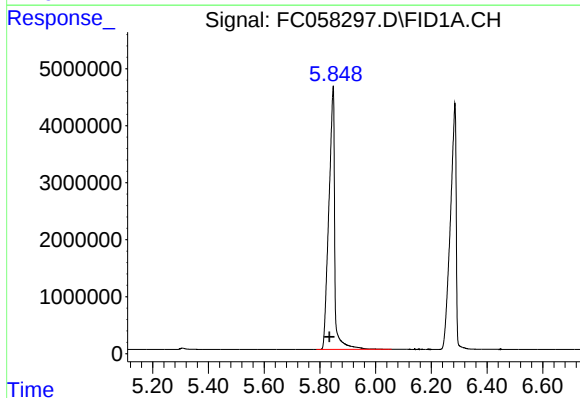
#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: 0.007 min
Response: 60869329
Conc: 51.16 ug/ml



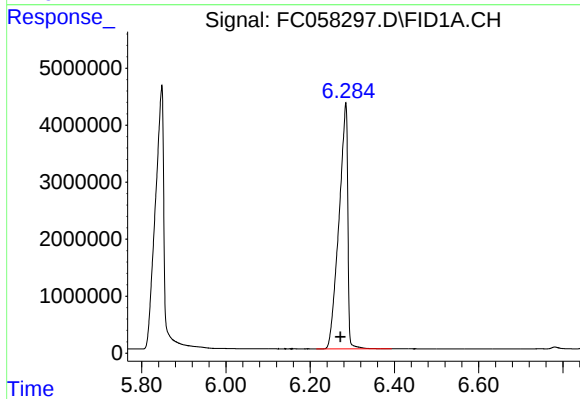
#2 n-Decane (C10)

R.T.: 4.330 min
Delta R.T.: 0.011 min
Response: 62506526
Conc: 52.46 ug/ml



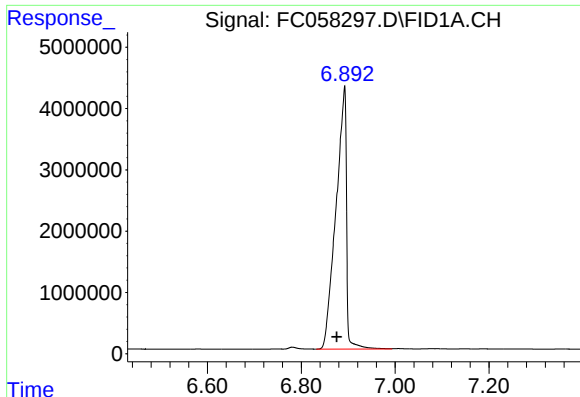
#3 A~Naphthalene (C11.7)

R.T.: 5.847 min
Delta R.T.: 0.013 min
Response: 68076304
Conc: 51.82 ug/ml



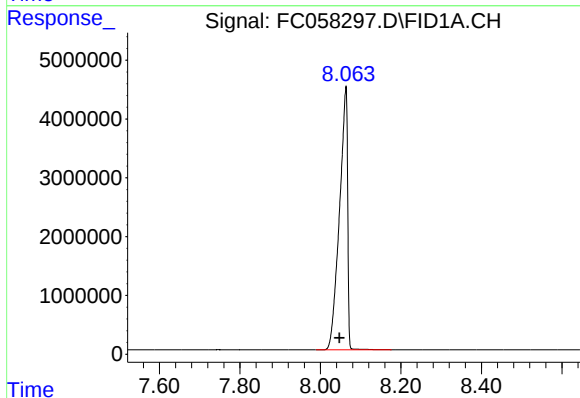
#4 n-Dodecane (C12)

R.T.: 6.285 min
Delta R.T.: 0.013 min
Response: 62626051
Conc: 51.35 ug/ml



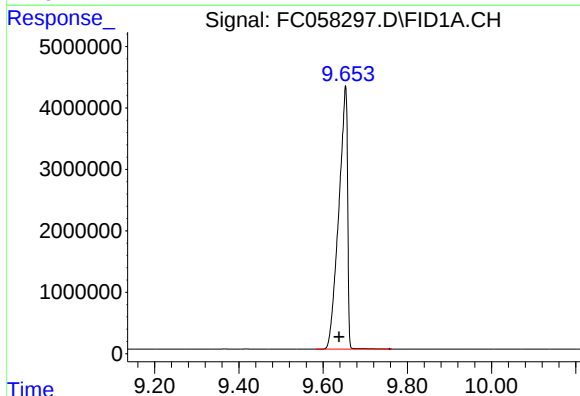
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.892 min
Delta R.T.: 0.016 min
Response: 66921788
Conc: 52.25 ug/ml



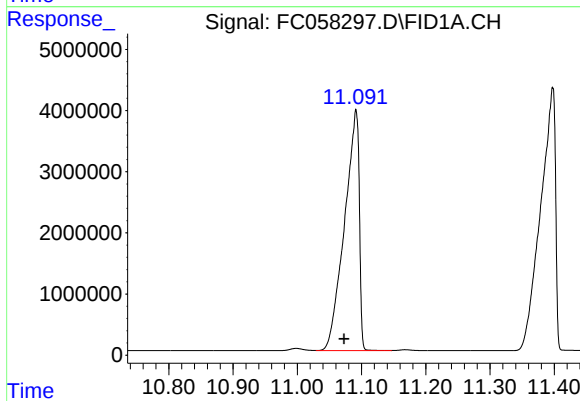
#6 n-Tetradecane (C14)

R.T.: 8.063 min
Delta R.T.: 0.016 min
Response: 62777805
Conc: 51.69 ug/ml



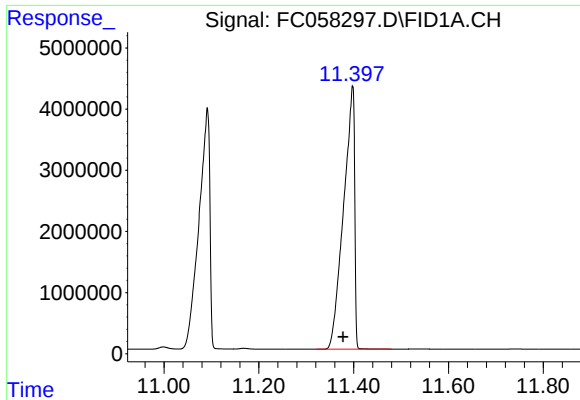
#7 n-Hexadecane (C16)

R.T.: 9.653 min
Delta R.T.: 0.015 min
Response: 62047768
Conc: 51.85 ug/ml



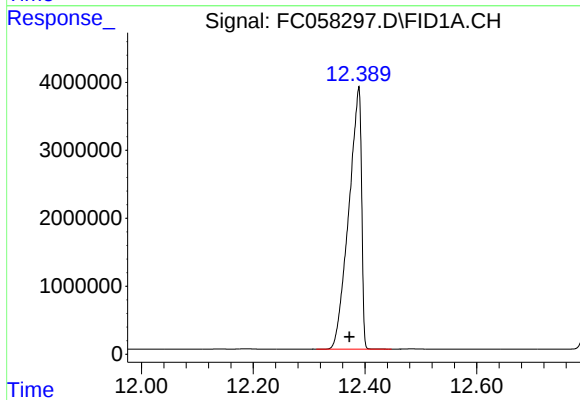
#8 n-Octadecane (C18)

R.T.: 11.091 min
Delta R.T.: 0.019 min
Response: 62721025
Conc: 51.96 ug/ml



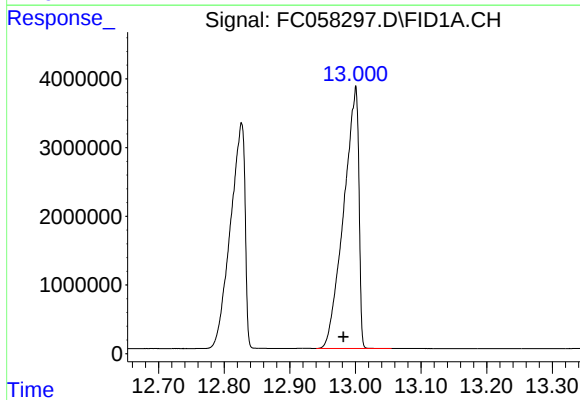
#9 ortho-Terphenyl (SURR)

R.T.: 11.398 min
Delta R.T.: 0.020 min
Response: 69574690
Conc: 52.18 ug/ml



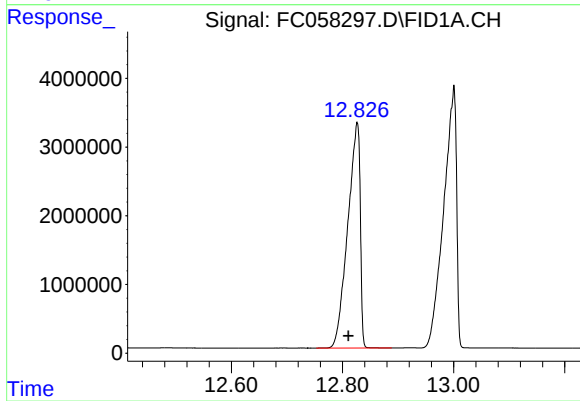
#10 n-Eicosane (C20)

R.T.: 12.389 min
Delta R.T.: 0.016 min
Response: 60892380
Conc: 52.04 ug/ml



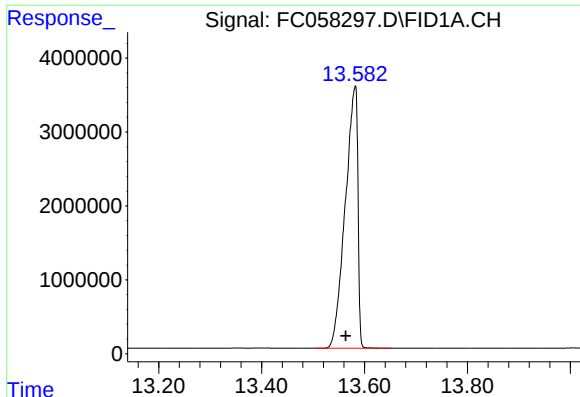
#11 n-Heneicosane (C21)

R.T.: 13.000 min
Delta R.T.: 0.019 min
Response: 61024677
Conc: 52.28 ug/ml



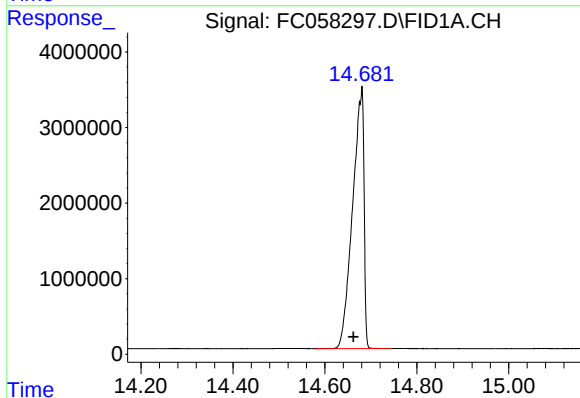
#12 1-chlorooctadecane (SURR)

R.T.: 12.826 min
Delta R.T.: 0.016 min
Response: 50994404
Conc: 52.88 ug/ml



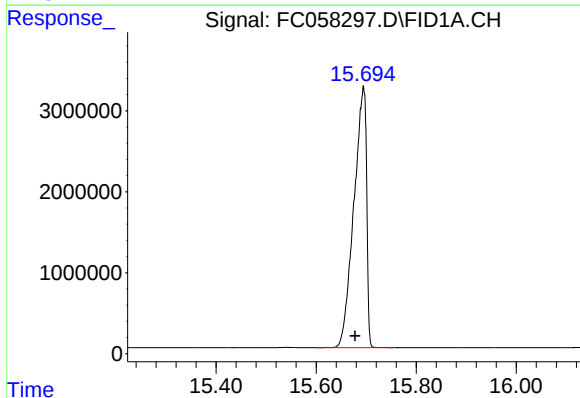
#13 n-Docosane (C22)

R.T.: 13.582 min
Delta R.T.: 0.018 min
Response: 60074203
Conc: 52.59 ug/ml



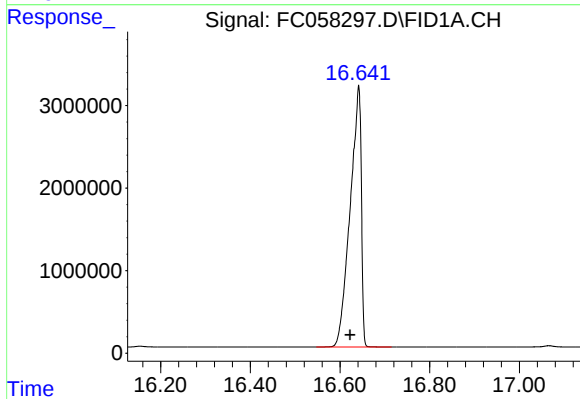
#14 n-Tetracosane (C24)

R.T.: 14.680 min
Delta R.T.: 0.019 min
Response: 59098128
Conc: 53.05 ug/ml



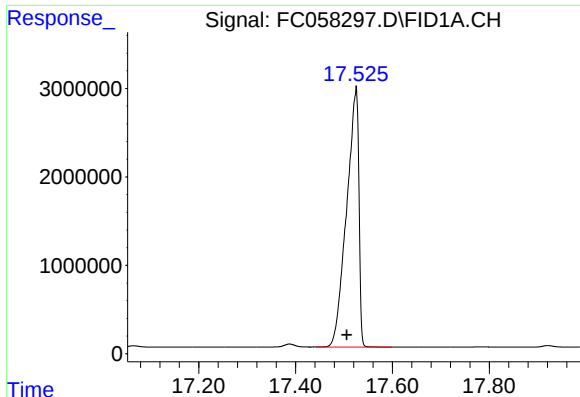
#15 n-Hexacosane (C26)

R.T.: 15.695 min
Delta R.T.: 0.017 min
Response: 56577615
Conc: 53.11 ug/ml



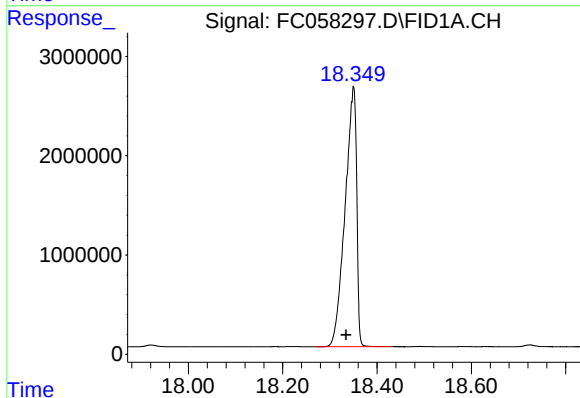
#16 n-Octacosane (C28)

R.T.: 16.642 min
Delta R.T.: 0.019 min
Response: 54580478
Conc: 52.75 ug/ml



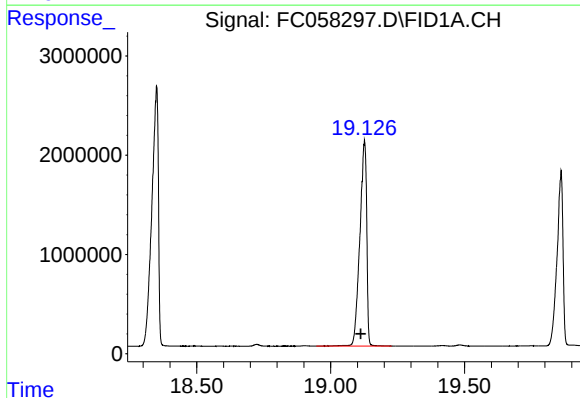
#17 n-Tricontane (C30)

R.T.: 17.525 min
Delta R.T.: 0.019 min
Response: 51302554
Conc: 52.17 ug/ml



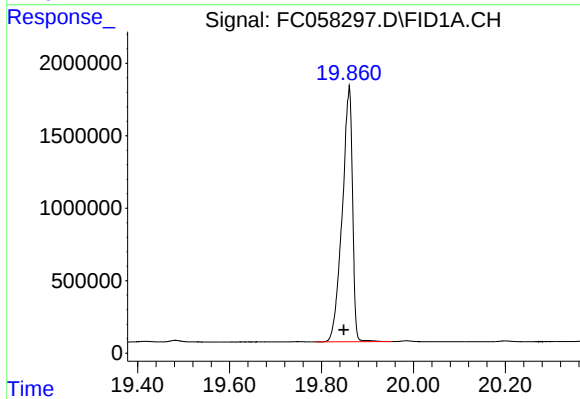
#18 n-Dotriacontane (C32)

R.T.: 18.350 min
Delta R.T.: 0.016 min
Response: 44487008
Conc: 51.24 ug/ml



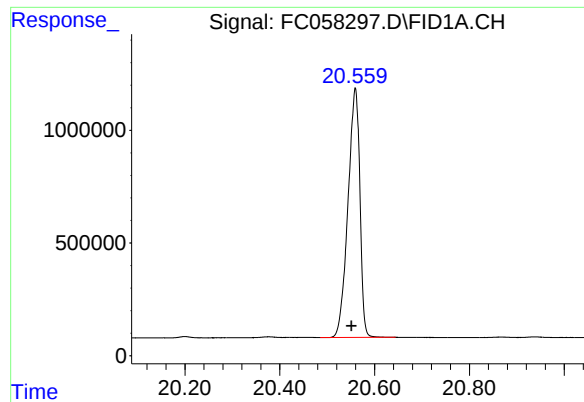
#19 n-Tetratriacontane (C34)

R.T.: 19.126 min
Delta R.T.: 0.014 min
Response: 36811415
Conc: 51.08 ug/ml



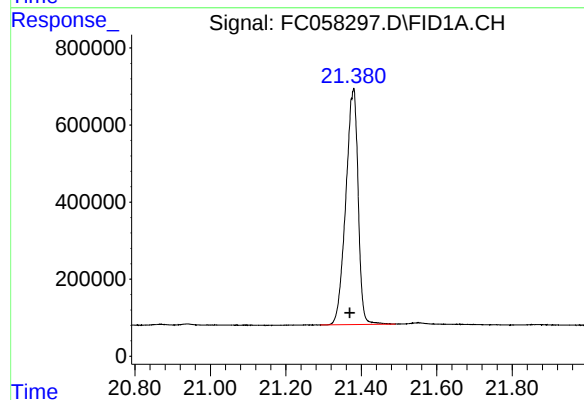
#20 n-Hexatriacontane (C36)

R.T.: 19.860 min
Delta R.T.: 0.012 min
Response: 27343780
Conc: 50.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.559 min
Delta R.T.: 0.008 min
Response: 19281175
Conc: 48.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.380 min
Delta R.T.: 0.010 min
Response: 13892924
Conc: 47.21 ug/ml