

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042522AL\
 Data File : FC059433.D
 Signal(s) : FID1A.CH
 Acq On : 26 Apr 2022 9:51
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 26 11:24:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.096	3206906	19.957 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
12) S 1-chlorooctadecane (S...	12.544	2515599	19.264 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
Target Compounds			
1) T n-Nonane (C9)	2.961	2652654	21.165 ug/ml
2) T n-Decane (C10)	4.002	2696922	21.587 ug/ml
3) T A~Naphthalene (C11.7)	5.551	2796618	22.798 ug/ml
4) T n-Dodecane (C12)	5.999	2827251	21.440 ug/ml
5) T A~2-methylnaphthalene...	6.599	2857338	22.640 ug/ml
6) T n-Tetradecane (C14)	7.781	2868567	21.207 ug/ml
7) T n-Hexadecane (C16)	9.371	2972224	21.163 ug/ml
8) T n-Octadecane (C18)	10.804	3005214	20.573 ug/ml
10) T n-Eicosane (C20)	12.107	2961530	19.747 ug/ml
11) T n-Heneicosane (C21)	12.714	2937832	19.314 ug/ml
13) T n-Docosane (C22)	13.298	2909609	18.989 ug/ml
14) T n-Tetracosane (C24)	14.395	2807140	18.129 ug/ml
15) T n-Hexacosane (C26)	15.412	2656789	17.239 ug/ml
16) T n-Octacosane (C28)	16.357	2550806	16.478 ug/ml
17) T n-Tricontane (C30)	17.240	2445335	16.100 ug/ml
18) T n-Dotriacontane (C32)	18.070	2264547	16.072 ug/ml
19) T n-Tetratriacontane (C34)	18.850	2084452	16.493 ug/ml
20) T n-Hexatriacontane (C36)	19.587	1900403	17.375 ug/ml
21) T n-Octatriacontane (C38)	20.285	1734847	18.628 ug/ml
22) T n-Tetracontane (C40)	21.026	1690566	20.240 ug/ml

(f)=RT Delta > 1/2 Window

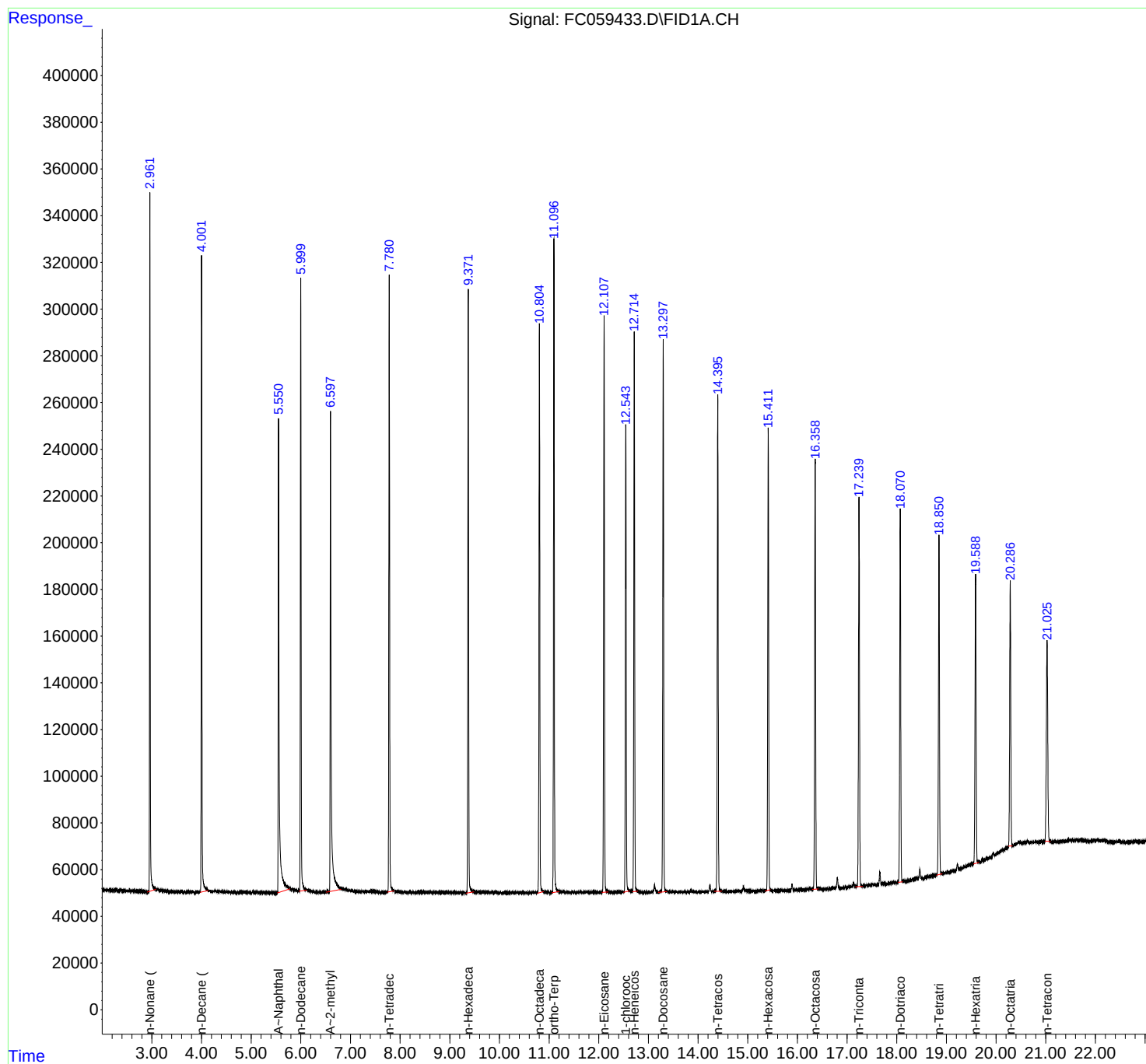
(m)=manual int.

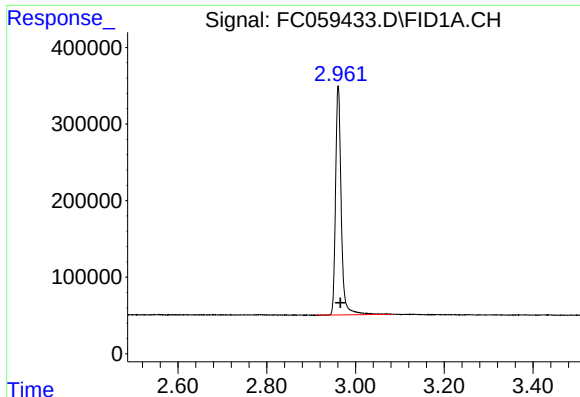
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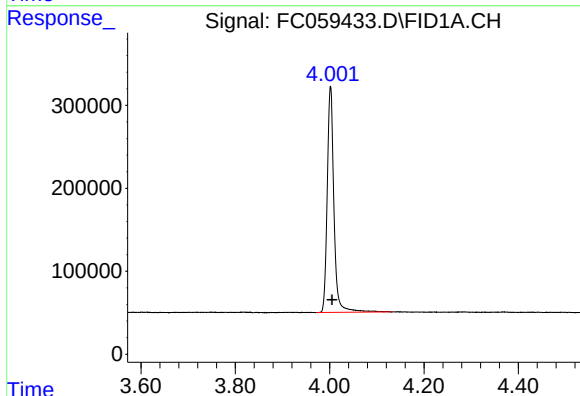




#1 n-Nonane (C9)

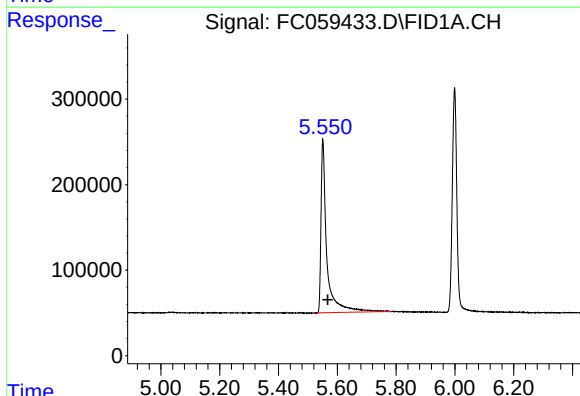
R.T.: 2.961 min
Delta R.T.: -0.005 min
Response: 2652654
Conc: 21.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



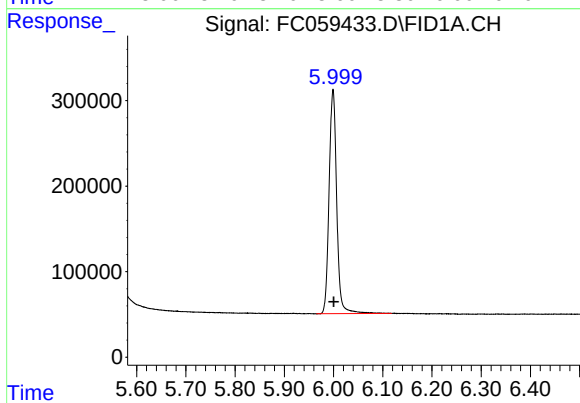
#2 n-Decane (C10)

R.T.: 4.002 min
Delta R.T.: -0.003 min
Response: 2696922
Conc: 21.59 ug/ml



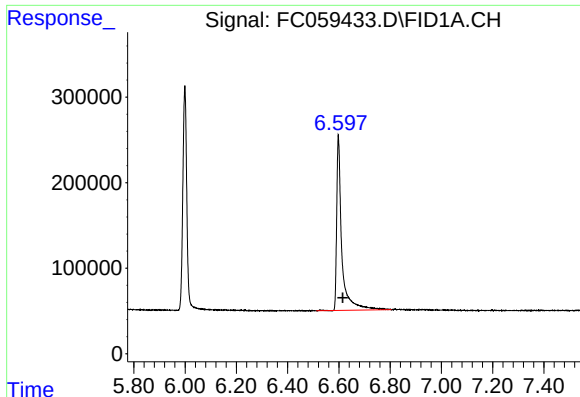
#3 A~Naphthalene (C11.7)

R.T.: 5.551 min
Delta R.T.: -0.016 min
Response: 2796618
Conc: 22.80 ug/ml



#4 n-Dodecane (C12)

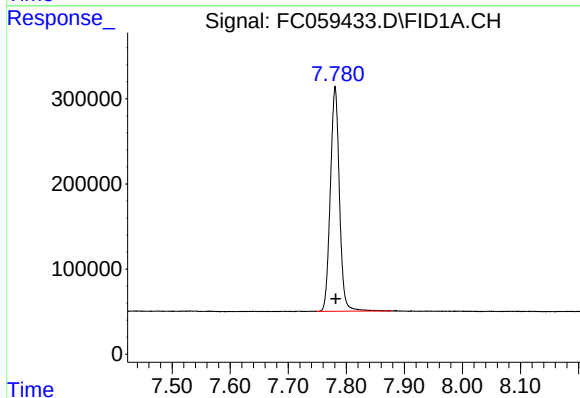
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 2827251
Conc: 21.44 ug/ml



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

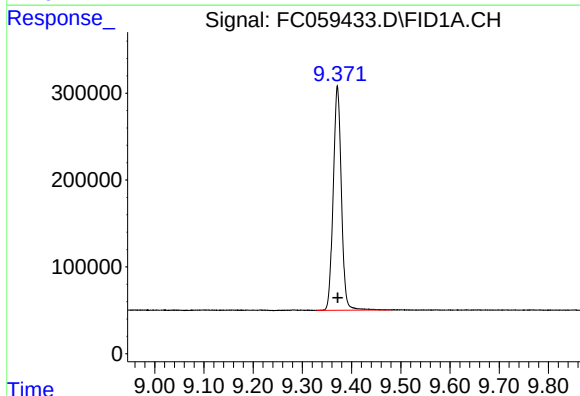
R.T.: 6.599 min
Delta R.T.: -0.017 min
Response: 2857338
Conc: 22.64 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



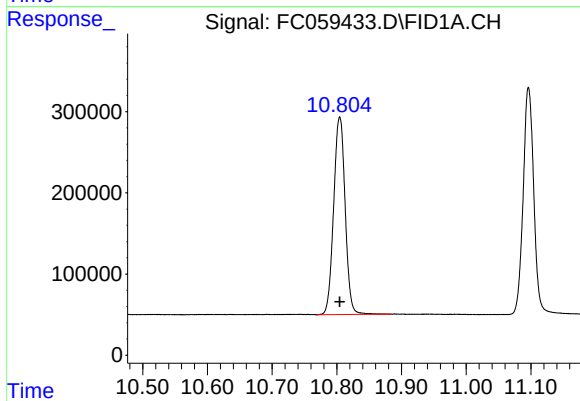
#6 n-Tetradecane (C14)

R.T.: 7.781 min
Delta R.T.: -0.001 min
Response: 2868567
Conc: 21.21 ug/ml



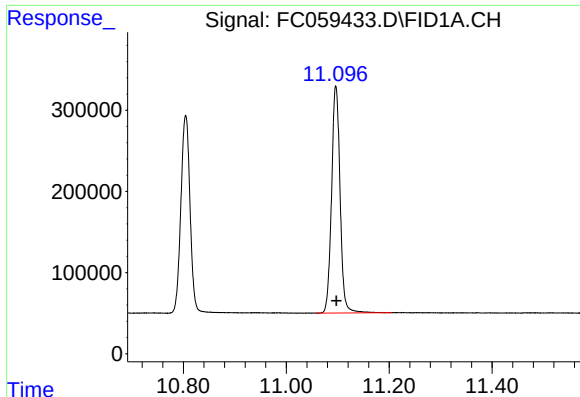
#7 n-Hexadecane (C16)

R.T.: 9.371 min
Delta R.T.: 0.000 min
Response: 2972224
Conc: 21.16 ug/ml



#8 n-Octadecane (C18)

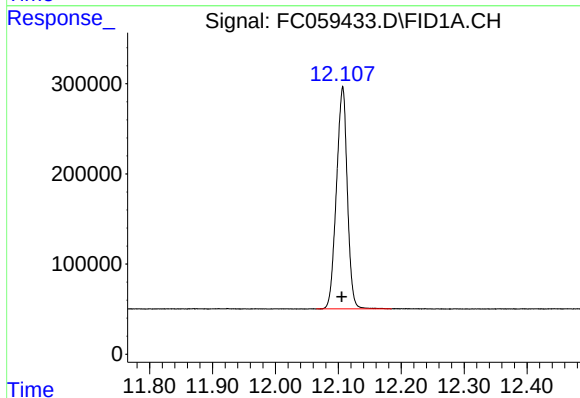
R.T.: 10.804 min
Delta R.T.: 0.000 min
Response: 3005214
Conc: 20.57 ug/ml



#9 ortho-Terphenyl (SURR)

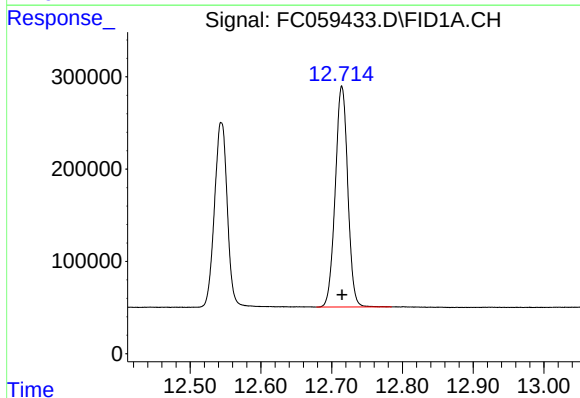
R.T.: 11.096 min
Delta R.T.: 0.000 min
Response: 3206906
Conc: 19.96 ug/ml

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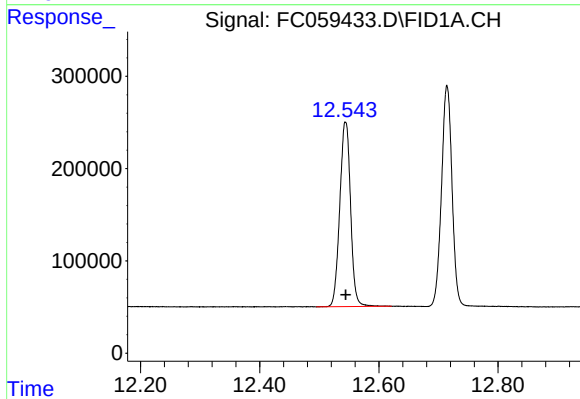
#10 n-Eicosane (C20)

R.T.: 12.107 min
Delta R.T.: 0.001 min
Response: 2961530
Conc: 19.75 ug/ml



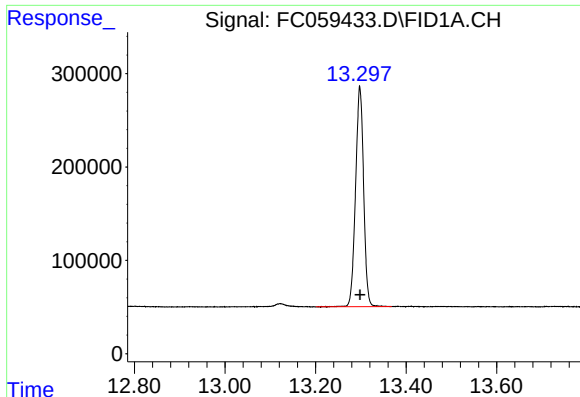
#11 n-Heneicosane (C21)

R.T.: 12.714 min
Delta R.T.: 0.000 min
Response: 2937832
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

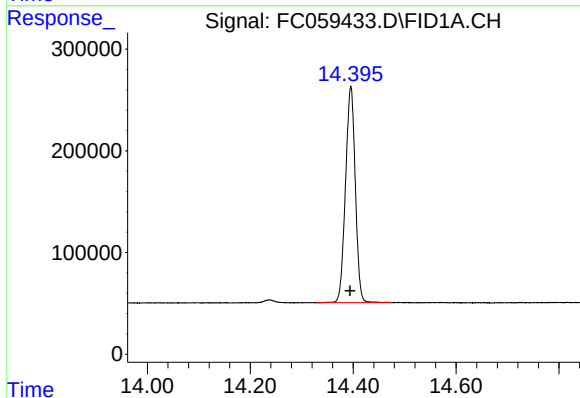
R.T.: 12.544 min
Delta R.T.: 0.000 min
Response: 2515599
Conc: 19.26 ug/ml



#13 n-Docosane (C22)

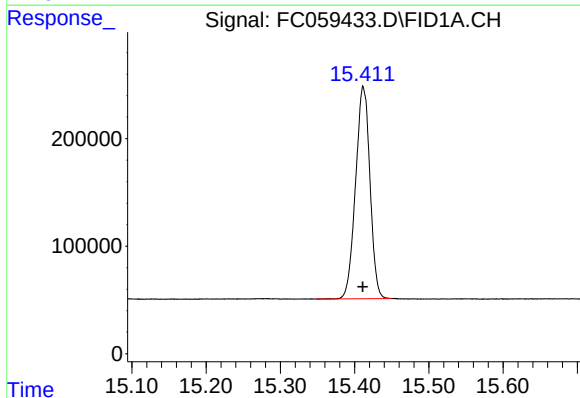
R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 2909609
Conc: 18.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



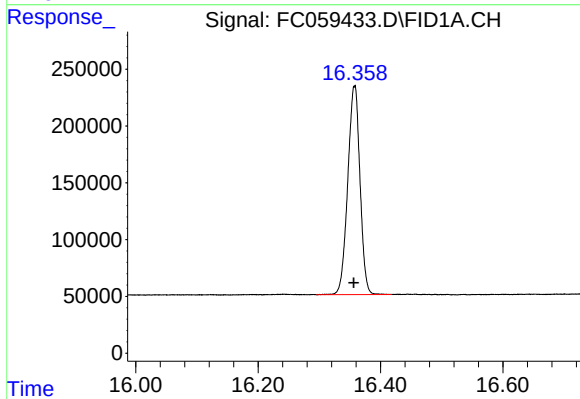
#14 n-Tetracosane (C24)

R.T.: 14.395 min
Delta R.T.: 0.001 min
Response: 2807140
Conc: 18.13 ug/ml



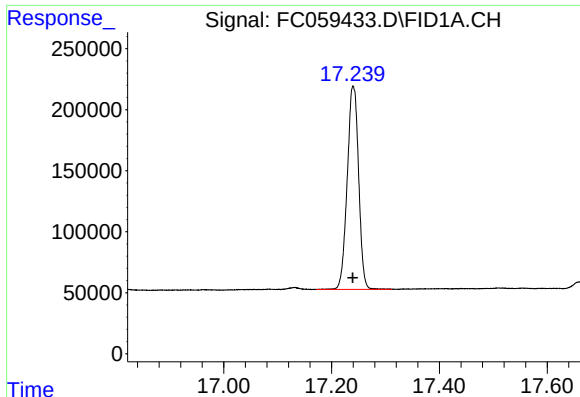
#15 n-Hexacosane (C26)

R.T.: 15.412 min
Delta R.T.: 0.000 min
Response: 2656789
Conc: 17.24 ug/ml



#16 n-Octacosane (C28)

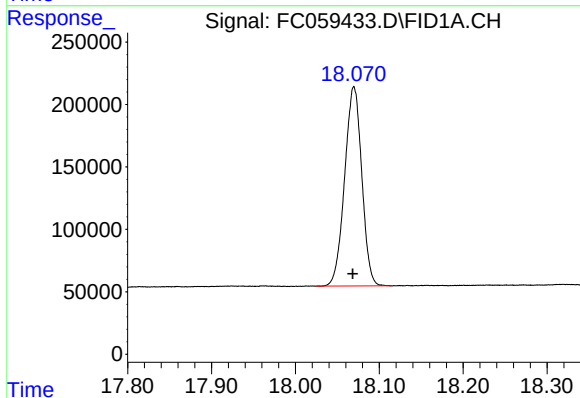
R.T.: 16.357 min
Delta R.T.: 0.001 min
Response: 2550806
Conc: 16.48 ug/ml



#17 n-Tricontane (C30)

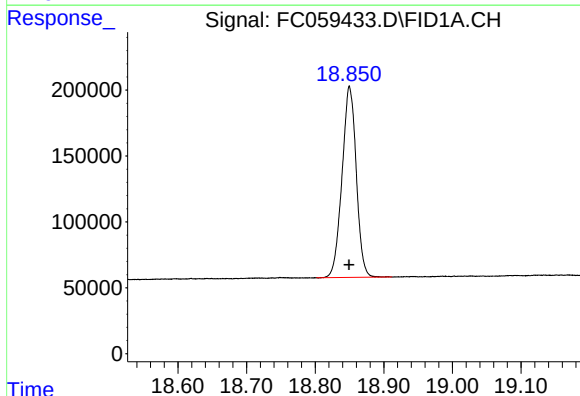
R.T.: 17.240 min
Delta R.T.: 0.001 min
Response: 2445335
Conc: 16.10 ug/ml

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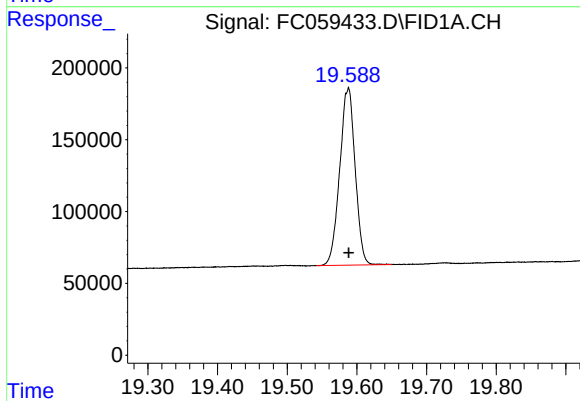
#18 n-Dotriacontane (C32)

R.T.: 18.070 min
Delta R.T.: 0.001 min
Response: 2264547
Conc: 16.07 ug/ml



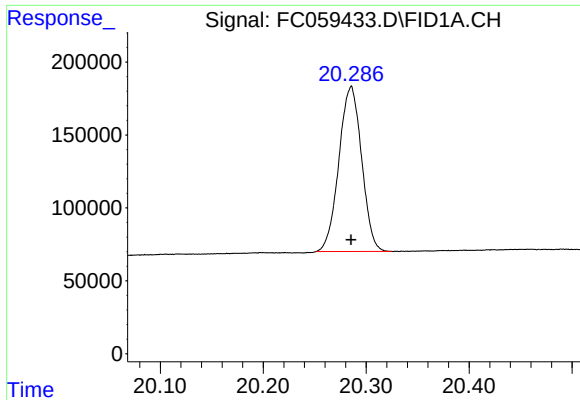
#19 n-Tetratriacontane (C34)

R.T.: 18.850 min
Delta R.T.: 0.000 min
Response: 2084452
Conc: 16.49 ug/ml



#20 n-Hexatriacontane (C36)

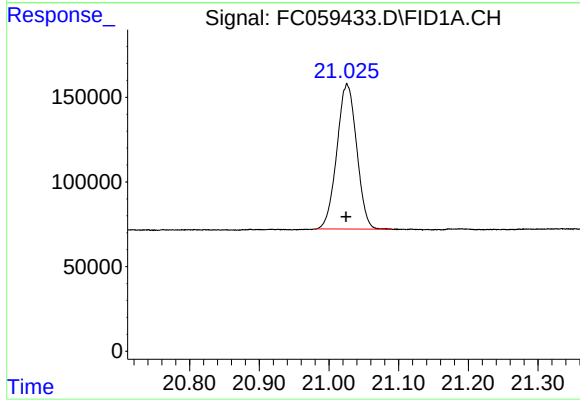
R.T.: 19.587 min
Delta R.T.: -0.001 min
Response: 1900403
Conc: 17.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.285 min
Delta R.T.: 0.000 min
Response: 1734847
Conc: 18.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.026 min
Delta R.T.: 0.001 min
Response: 1690566
Conc: 20.24 ug/ml