

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031519AL\
 Data File : FC039918.D
 Signal(s) : FID1A.CH
 Acq On : 16 Mar 2019 22:03
 Operator : AJ\SJ
 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: Mar 18 12:27:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 25 18:21:16 2019
 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)	11.140	3818546	22.702 ug/ml
Spiked Amount 50.000		Recovery =	45.40%
12) S 1-chlorooctadecane (S...	12.585	2757909	21.864 ug/ml
Spiked Amount 50.000		Recovery =	43.73%
Target Compounds			
1) T n-Nonane (C9)	3.011	2143200	17.857 ug/ml
2) T n-Decane (C10)	4.061	2261819	18.775 ug/ml
3) T A~Naphthalene (C11.7)	5.612	2850852	21.909 ug/ml
4) T n-Dodecane (C12)	6.058	2499236	20.229 ug/ml
5) T A~2-methylnaphthalene...	6.658	2926379	22.565 ug/ml
6) T n-Tetradecane (C14)	7.836	2678186	21.028 ug/ml
7) T n-Hexadecane (C16)	9.421	2761398	21.309 ug/ml
8) T n-Octadecane (C18)	10.850	2781379	20.676 ug/ml
10) T n-Eicosane (C20)	12.149	2798768	21.463 ug/ml
11) T n-Heneicosane (C21)	12.757	2792290	22.017 ug/ml
13) T n-Docosane (C22)	13.338	2803859	22.259 ug/ml
14) T n-Tetracosane (C24)	14.434	2838804	22.713 ug/ml
15) T n-Hexacosane (C26)	15.448	2833891	22.719 ug/ml
16) T n-Octacosane (C28)	16.391	2907794	21.756 ug/ml
17) T n-Tricontane (C30)	17.273	2933607	19.989 ug/ml
18) T n-Dotriacontane (C32)	18.101	2813553	20.944 ug/ml
19) T n-Tetratriacontane (C34)	18.881	2432757	21.388 ug/ml
20) T n-Hexatriacontane (C36)	19.617	2026675	21.013 ug/ml
21) T n-Octatriacontane (C38)	20.314	1887523	20.558 ug/ml
22) T n-Tetracontane (C40)	21.068	1845270	20.332 ug/ml

(f)=RT Delta > 1/2 Window

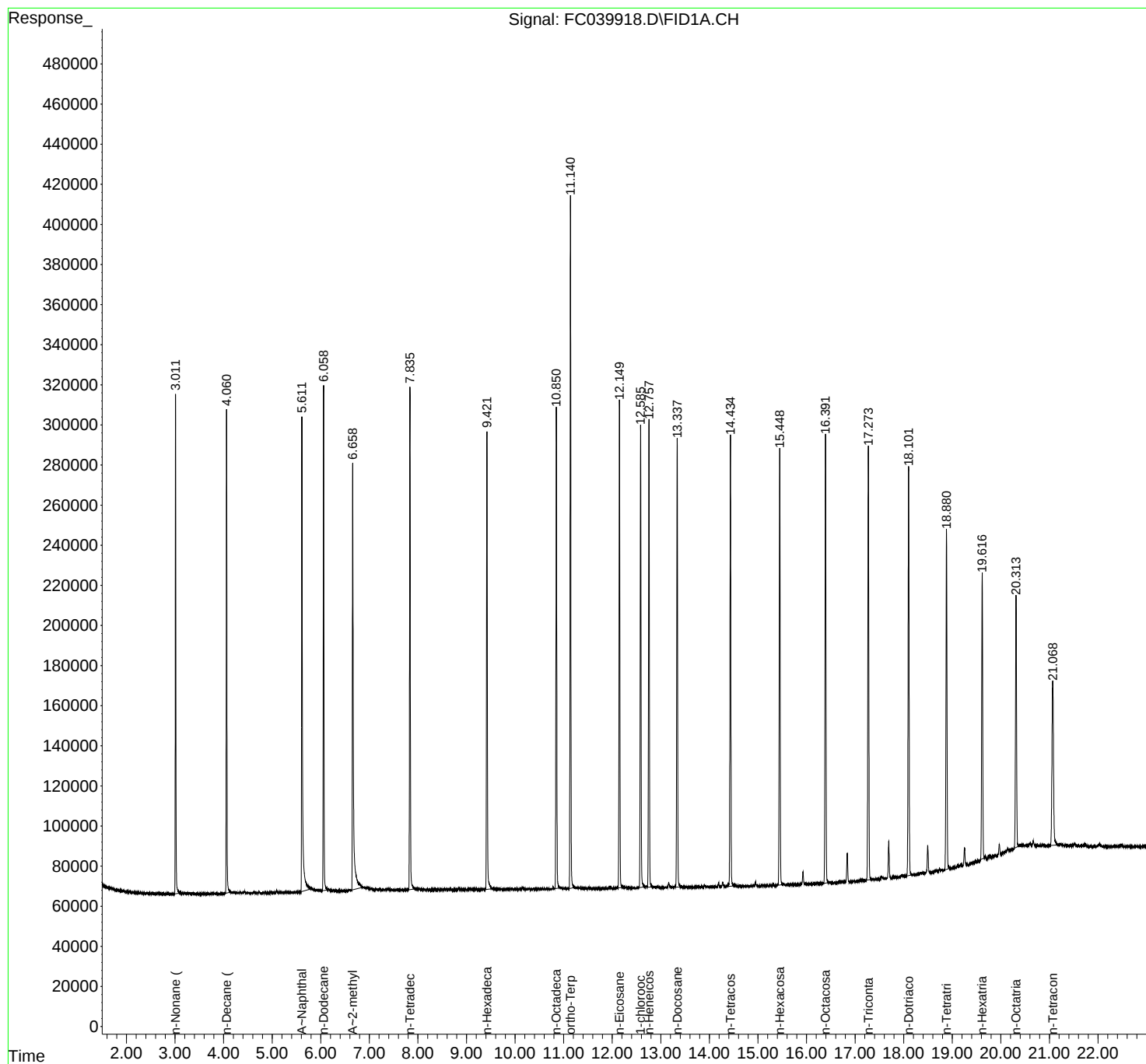
(m)=manual int.

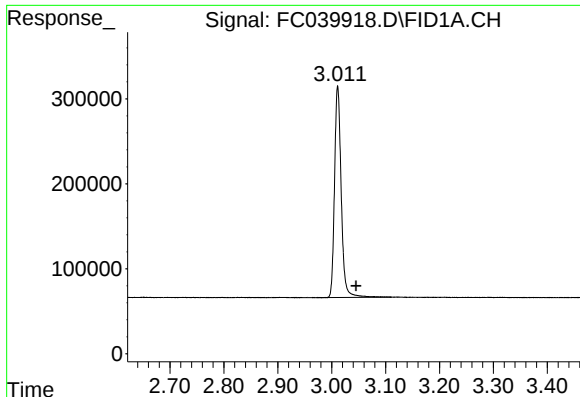
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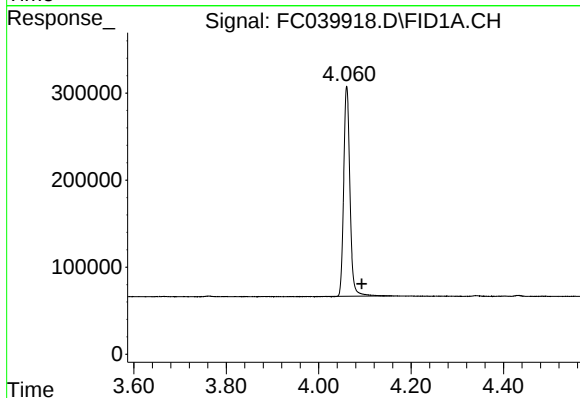




#1 n-Nonane (C9)

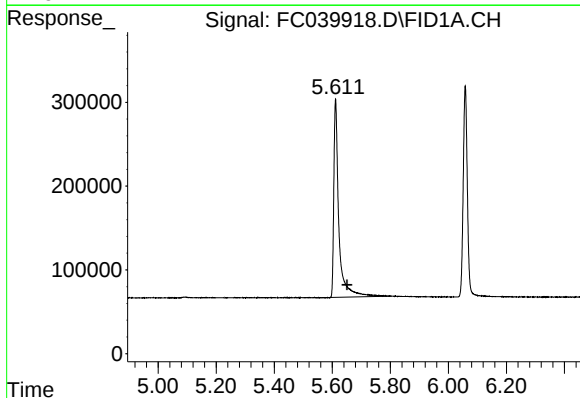
R.T.: 3.011 min
Delta R.T.: -0.034 min
Response: 2143200
Conc: 17.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



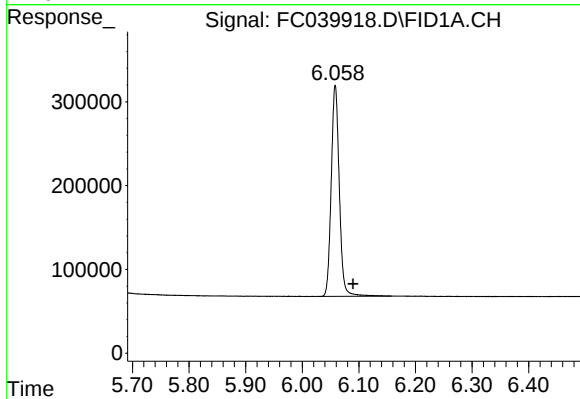
#2 n-Decane (C10)

R.T.: 4.061 min
Delta R.T.: -0.032 min
Response: 2261819
Conc: 18.77 ug/ml



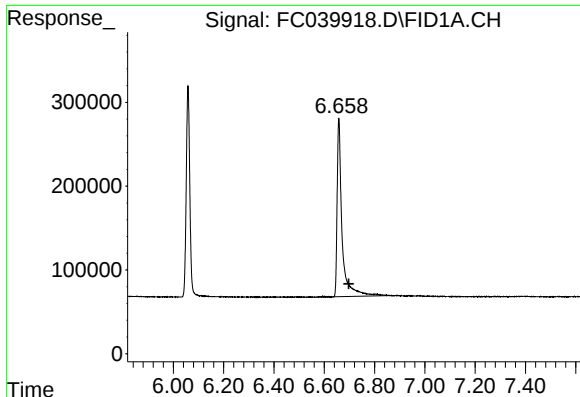
#3 A~Naphthalene (C11.7)

R.T.: 5.612 min
Delta R.T.: -0.039 min
Response: 2850852
Conc: 21.91 ug/ml



#4 n-Dodecane (C12)

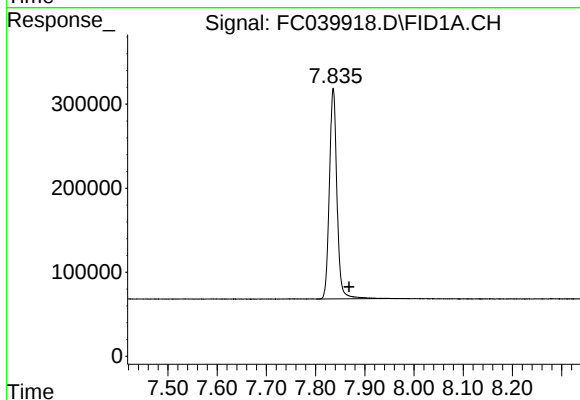
R.T.: 6.058 min
Delta R.T.: -0.032 min
Response: 2499236
Conc: 20.23 ug/ml



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

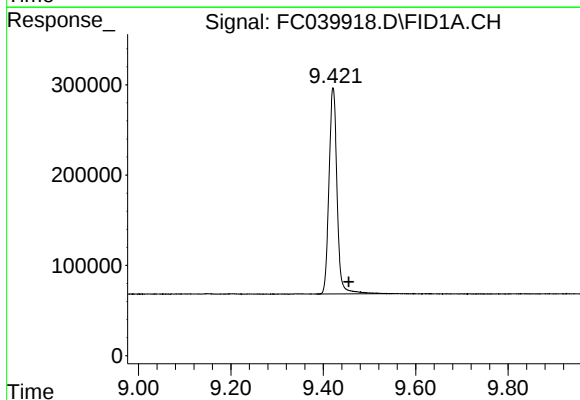
R.T.: 6.658 min
Delta R.T.: -0.039 min
Response: 2926379
Conc: 22.57 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



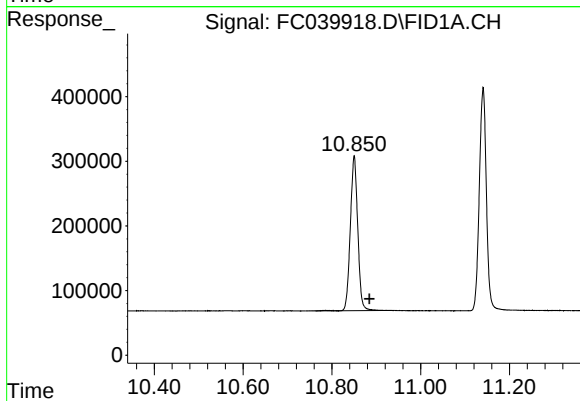
#6 n-Tetradecane (C14)

R.T.: 7.836 min
Delta R.T.: -0.032 min
Response: 2678186
Conc: 21.03 ug/ml



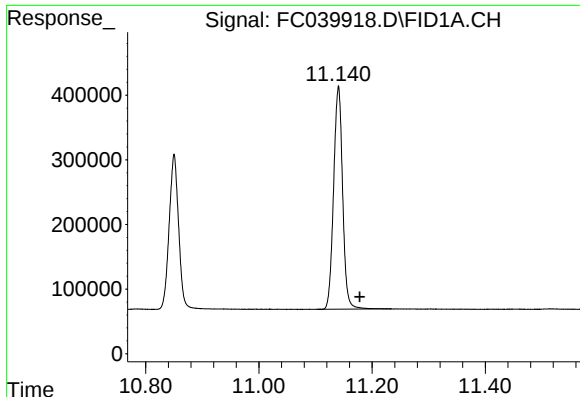
#7 n-Hexadecane (C16)

R.T.: 9.421 min
Delta R.T.: -0.034 min
Response: 2761398
Conc: 21.31 ug/ml



#8 n-Octadecane (C18)

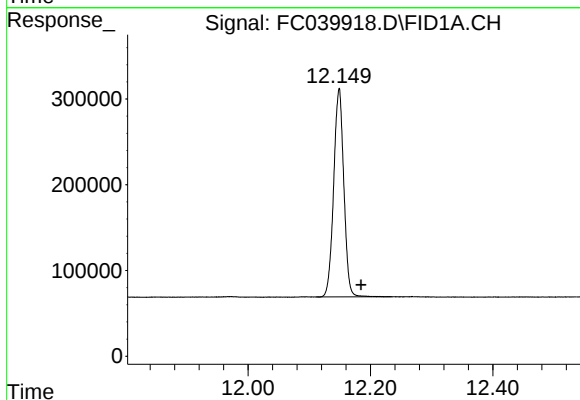
R.T.: 10.850 min
Delta R.T.: -0.034 min
Response: 2781379
Conc: 20.68 ug/ml



#9 ortho-Terphenyl (SURR)

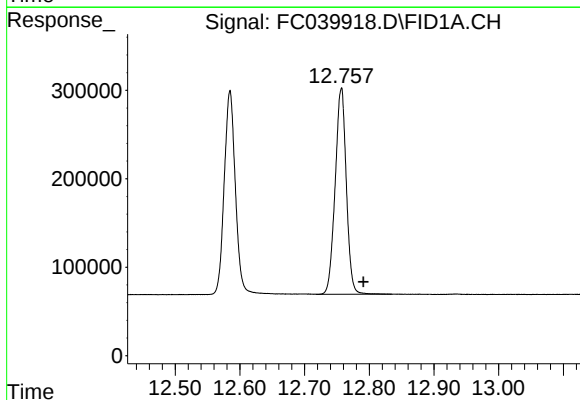
R.T.: 11.140 min
Delta R.T.: -0.037 min
Response: 3818546
Conc: 22.70 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



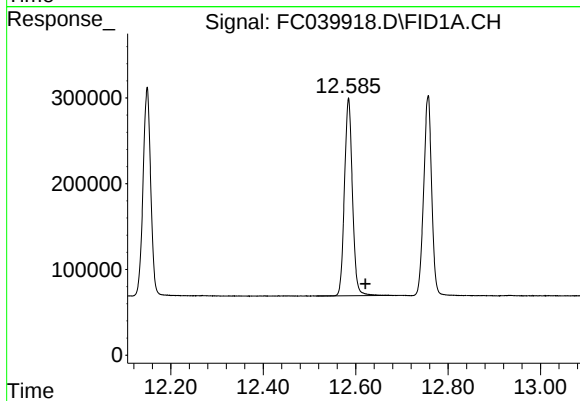
#10 n-Eicosane (C20)

R.T.: 12.149 min
Delta R.T.: -0.036 min
Response: 2798768
Conc: 21.46 ug/ml



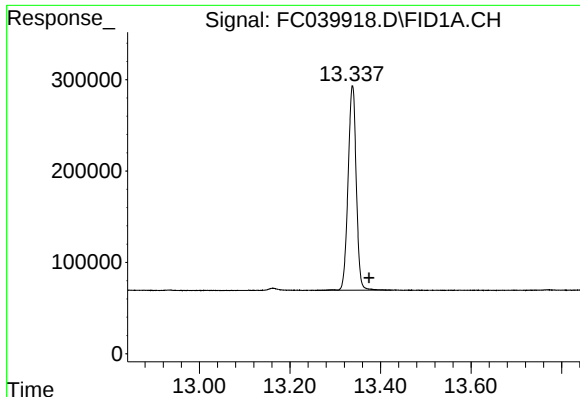
#11 n-Heneicosane (C21)

R.T.: 12.757 min
Delta R.T.: -0.035 min
Response: 2792290
Conc: 22.02 ug/ml



#12 1-chlorooctadecane (SURR)

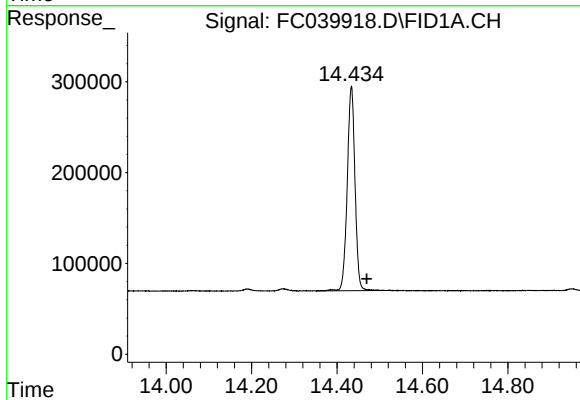
R.T.: 12.585 min
Delta R.T.: -0.037 min
Response: 2757909
Conc: 21.86 ug/ml



#13 n-Docosane (C22)

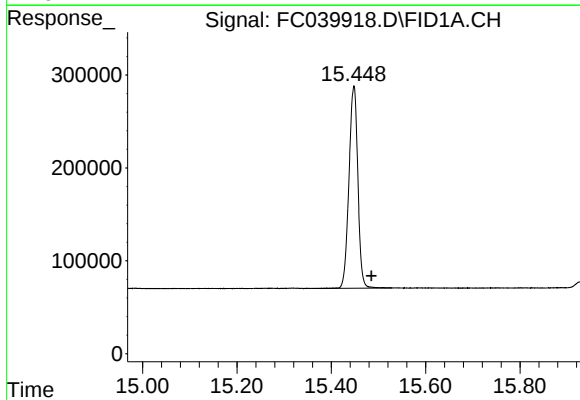
R.T.: 13.338 min
Delta R.T.: -0.036 min
Response: 2803859
Conc: 22.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



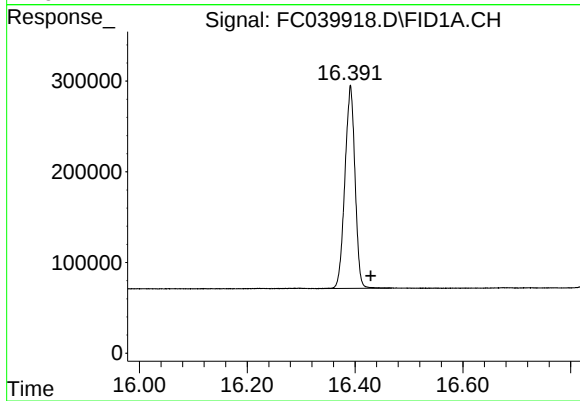
#14 n-Tetracosane (C24)

R.T.: 14.434 min
Delta R.T.: -0.036 min
Response: 2838804
Conc: 22.71 ug/ml



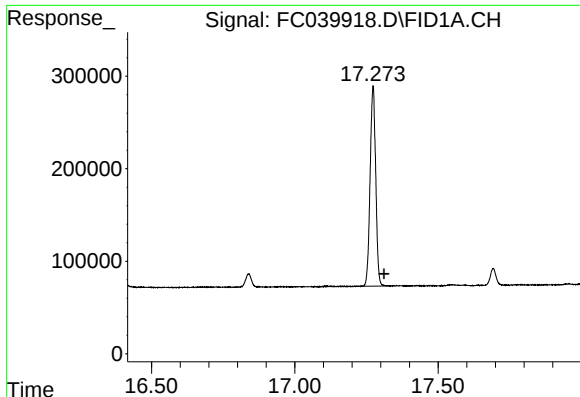
#15 n-Hexacosane (C26)

R.T.: 15.448 min
Delta R.T.: -0.037 min
Response: 2833891
Conc: 22.72 ug/ml



#16 n-Octacosane (C28)

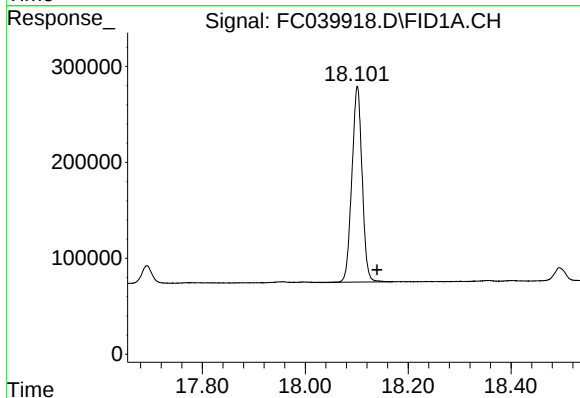
R.T.: 16.391 min
Delta R.T.: -0.037 min
Response: 2907794
Conc: 21.76 ug/ml



#17 n-Tricontane (C30)

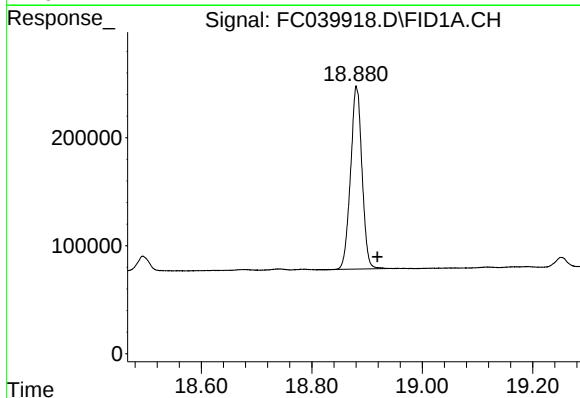
R.T.: 17.273 min
Delta R.T.: -0.038 min
Response: 2933607
Conc: 19.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



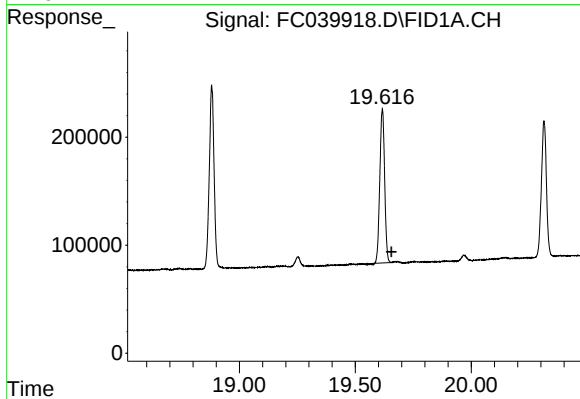
#18 n-Dotriacontane (C32)

R.T.: 18.101 min
Delta R.T.: -0.038 min
Response: 2813553
Conc: 20.94 ug/ml



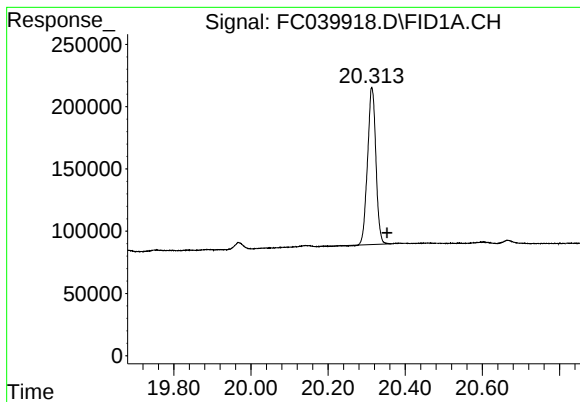
#19 n-Tetratriacontane (C34)

R.T.: 18.881 min
Delta R.T.: -0.038 min
Response: 2432757
Conc: 21.39 ug/ml



#20 n-Hexatriacontane (C36)

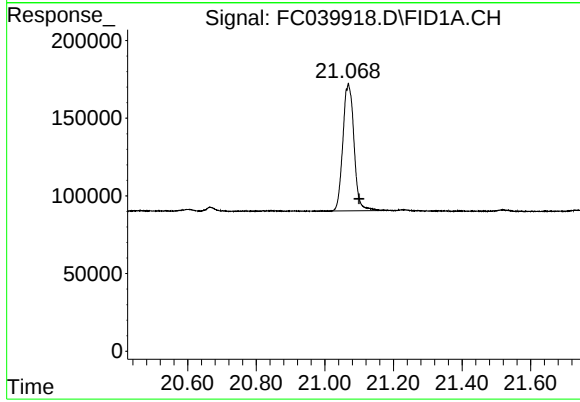
R.T.: 19.617 min
Delta R.T.: -0.038 min
Response: 2026675
Conc: 21.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.314 min
Delta R.T.: -0.039 min
Response: 1887523
Conc: 20.56 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.068 min
Delta R.T.: -0.032 min
Response: 1845270
Conc: 20.33 ug/ml