

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021022AL\
 Data File : FE034987.D
 Signal(s) : FID1B.CH
 Acq On : 11 Feb 2022 2:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Feb 11 03:40:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:05:03 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)	11.124	6333689	21.626 ug/ml
Spiked Amount 50.000		Recovery =	43.25%
12) S 1-chlorooctadecane (S...	12.554	4864636	21.758 ug/ml
Spiked Amount 50.000		Recovery =	43.52%
Target Compounds			
1) T n-Nonane (C9)	2.988	5438390	21.440 ug/ml
2) T n-Decane (C10)	4.005	5509599	21.466 ug/ml
3) T A~Naphthalene (C11.7)	5.562	6177132	21.532 ug/ml
4) T n-Dodecane (C12)	5.993	5515914	21.439 ug/ml
5) T A~2-methylnaphthalene...	6.609	6177909	21.352 ug/ml
6) T n-Tetradecane (C14)	7.779	5606930	21.436 ug/ml
7) T n-Hexadecane (C16)	9.373	5635770	21.492 ug/ml
8) T n-Octadecane (C18)	10.810	5765871	21.625 ug/ml
10) T n-Eicosane (C20)	12.113	5655283	21.654 ug/ml
11) T n-Heneicosane (C21)	12.723	5675576	21.665 ug/ml
13) T n-Docosane (C22)	13.306	5584205	21.662 ug/ml
14) T n-Tetracosane (C24)	14.403	5498526	21.686 ug/ml
15) T n-Hexacosane (C26)	15.420	5292149	21.673 ug/ml
16) T n-Octacosane (C28)	16.365	5190424	21.813 ug/ml
17) T n-Tricontane (C30)	17.249	5074394	22.064 ug/ml
18) T n-Dotriacontane (C32)	18.077	4755770	22.249 ug/ml
19) T n-Tetratriacontane (C34)	18.858	4444575	22.053 ug/ml
20) T n-Hexatriacontane (C36)	19.594	4154180	21.963 ug/ml
21) T n-Octatriacontane (C38)	20.304	3964491	21.792 ug/ml
22) T n-Tetracontane (C40)	21.152	4057163	22.148 ug/ml

(f)=RT Delta > 1/2 Window

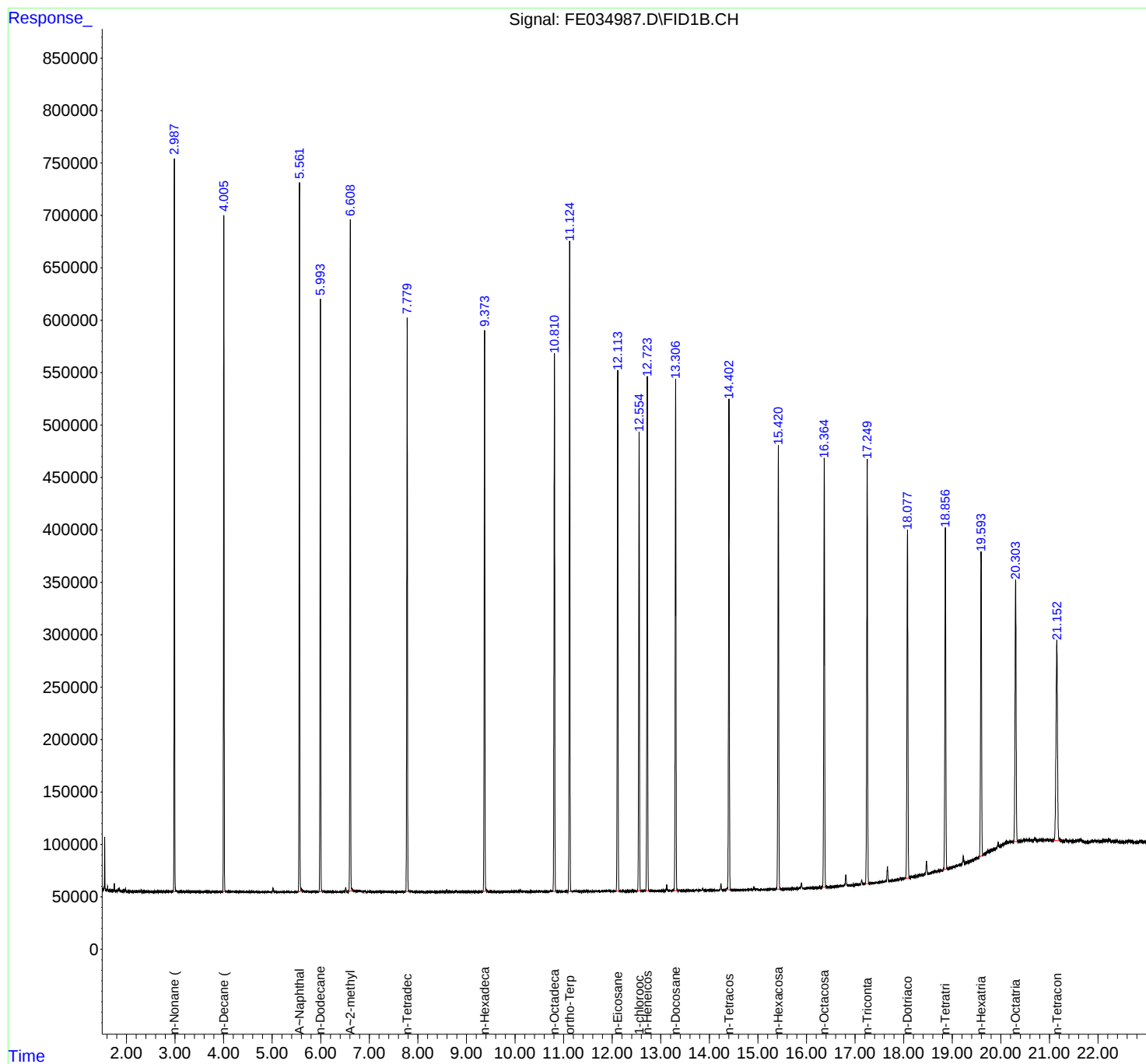
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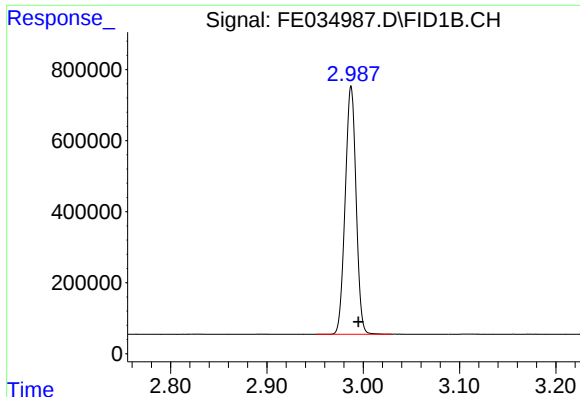
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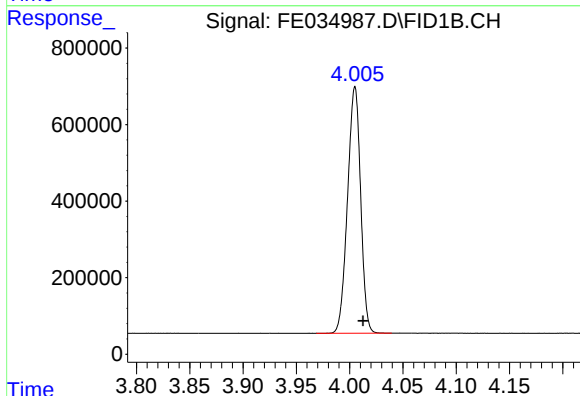




#1 n-Nonane (C9)

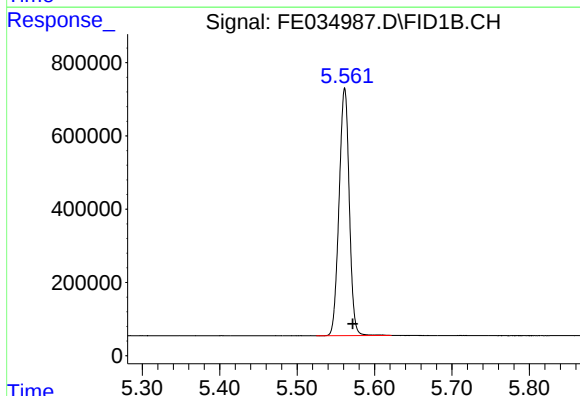
R.T.: 2.988 min
Delta R.T.: -0.007 min
Response: 5438390
Conc: 21.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



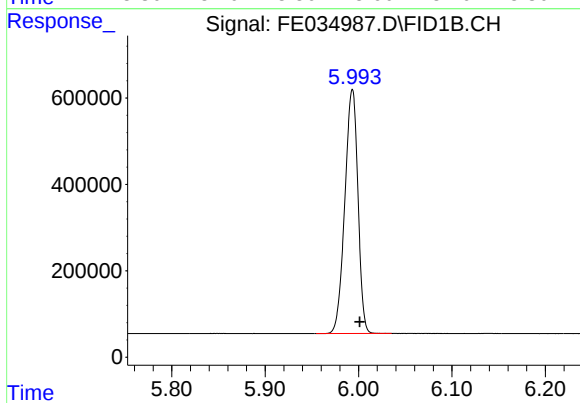
#2 n-Decane (C10)

R.T.: 4.005 min
Delta R.T.: -0.008 min
Response: 5509599
Conc: 21.47 ug/ml



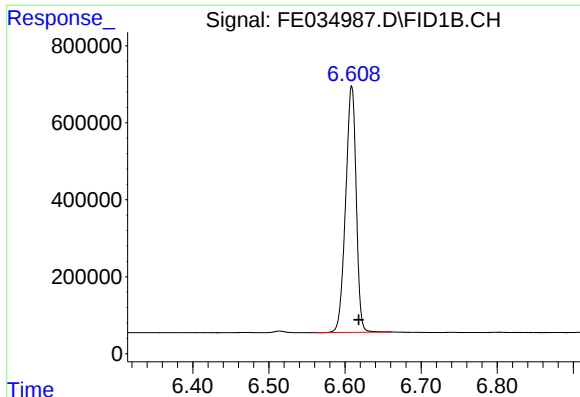
#3 A~Naphthalene (C11.7)

R.T.: 5.562 min
Delta R.T.: -0.010 min
Response: 6177132
Conc: 21.53 ug/ml



#4 n-Dodecane (C12)

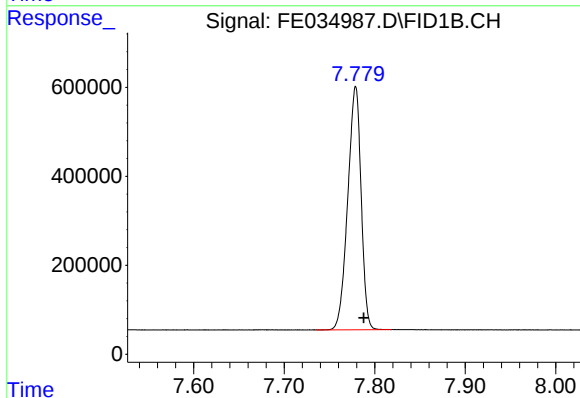
R.T.: 5.993 min
Delta R.T.: -0.008 min
Response: 5515914
Conc: 21.44 ug/ml



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

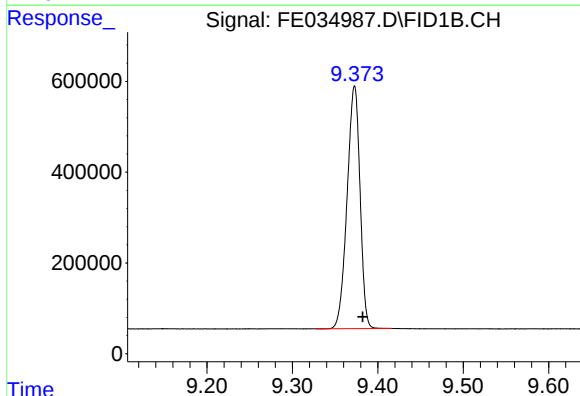
R.T.: 6.609 min
Delta R.T.: -0.009 min
Response: 6177909
Conc: 21.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



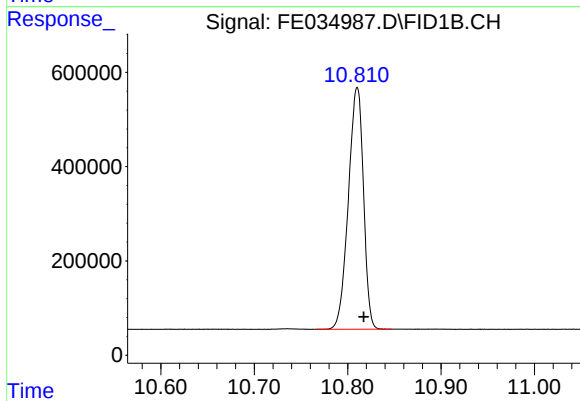
#6 n-Tetradecane (C14)

R.T.: 7.779 min
Delta R.T.: -0.009 min
Response: 5606930
Conc: 21.44 ug/ml



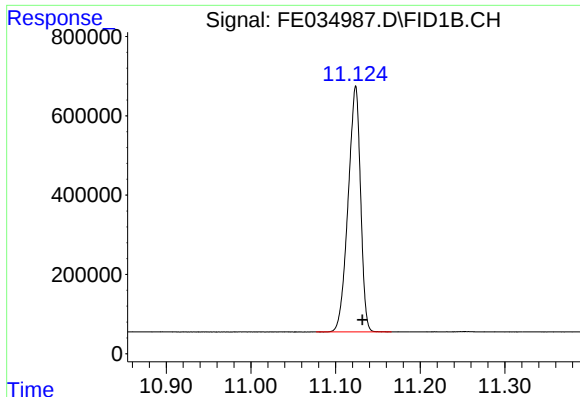
#7 n-Hexadecane (C16)

R.T.: 9.373 min
Delta R.T.: -0.009 min
Response: 5635770
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

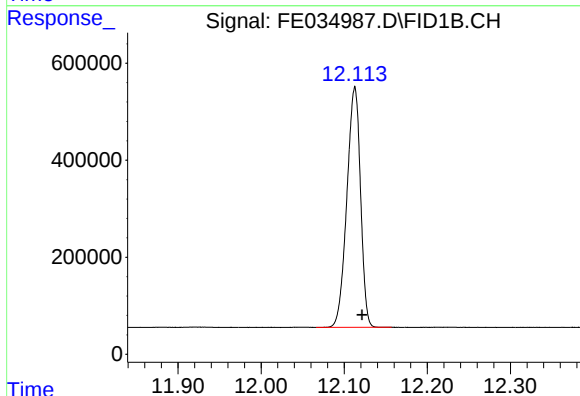
R.T.: 10.810 min
Delta R.T.: -0.007 min
Response: 5765871
Conc: 21.62 ug/ml



#9 ortho-Terphenyl (SURR)

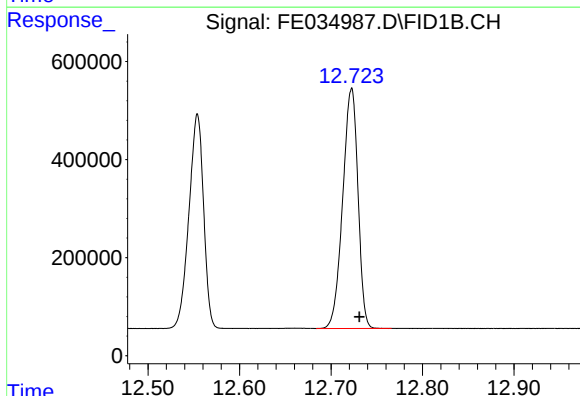
R.T.: 11.124 min
Delta R.T.: -0.008 min
Response: 6333689
Conc: 21.63 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



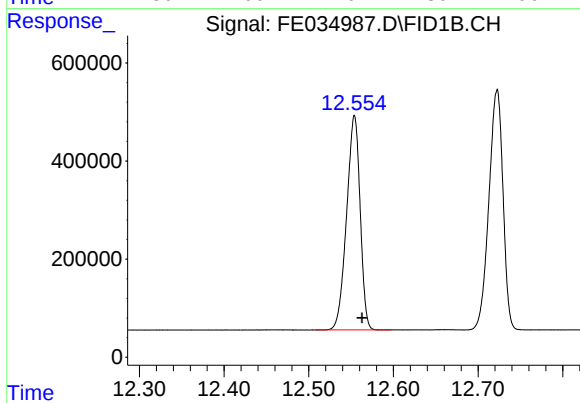
#10 n-Eicosane (C20)

R.T.: 12.113 min
Delta R.T.: -0.009 min
Response: 5655283
Conc: 21.65 ug/ml



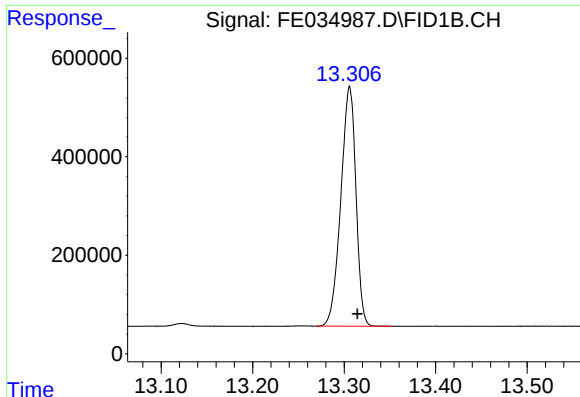
#11 n-Heneicosane (C21)

R.T.: 12.723 min
Delta R.T.: -0.009 min
Response: 5675576
Conc: 21.66 ug/ml



#12 1-chlorooctadecane (SURR)

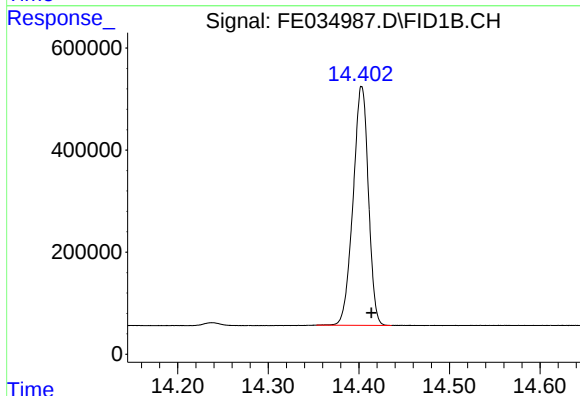
R.T.: 12.554 min
Delta R.T.: -0.009 min
Response: 4864636
Conc: 21.76 ug/ml



#13 n-Docosane (C22)

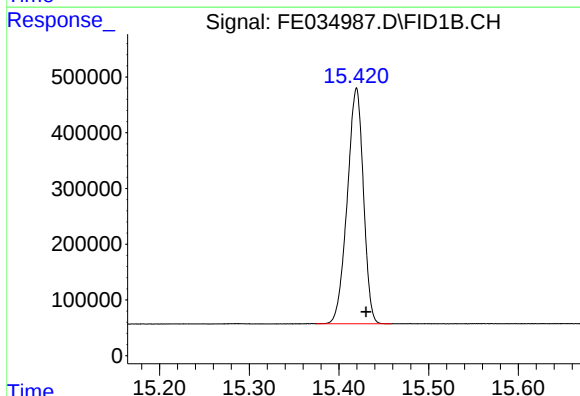
R.T.: 13.306 min
Delta R.T.: -0.009 min
Response: 5584205
Conc: 21.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



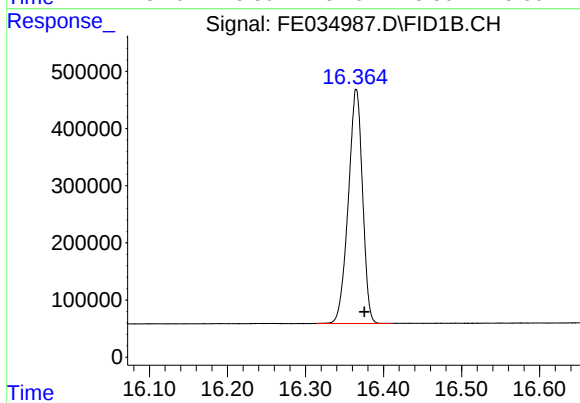
#14 n-Tetracosane (C24)

R.T.: 14.403 min
Delta R.T.: -0.011 min
Response: 5498526
Conc: 21.69 ug/ml



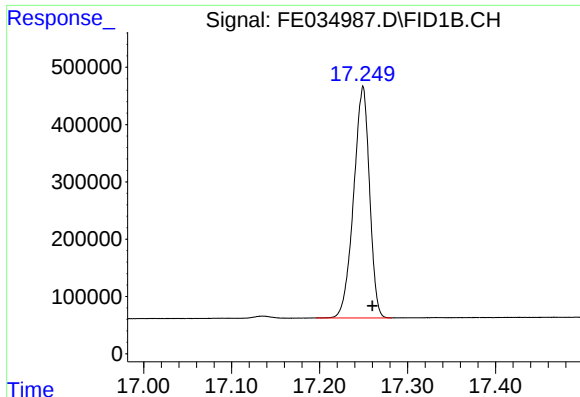
#15 n-Hexacosane (C26)

R.T.: 15.420 min
Delta R.T.: -0.011 min
Response: 5292149
Conc: 21.67 ug/ml



#16 n-Octacosane (C28)

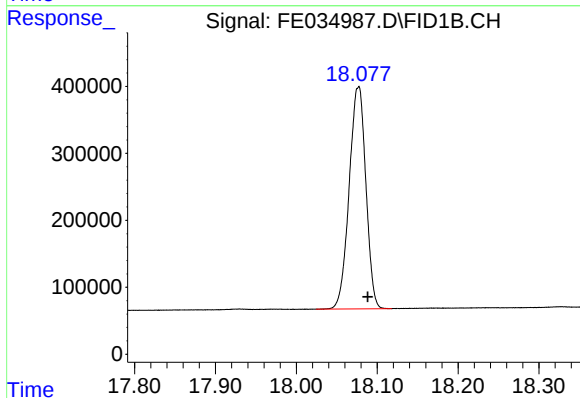
R.T.: 16.365 min
Delta R.T.: -0.010 min
Response: 5190424
Conc: 21.81 ug/ml



#17 n-Tricontane (C30)

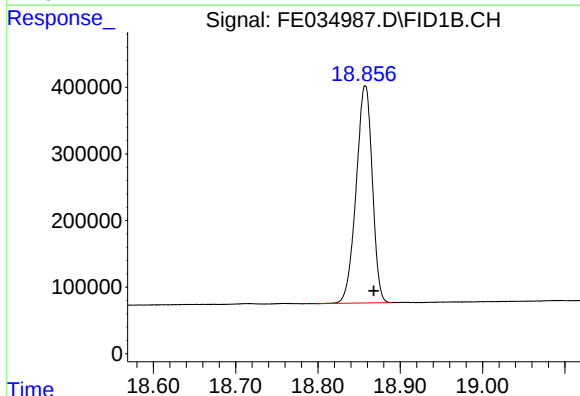
R.T.: 17.249 min
Delta R.T.: -0.011 min
Response: 5074394
Conc: 22.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



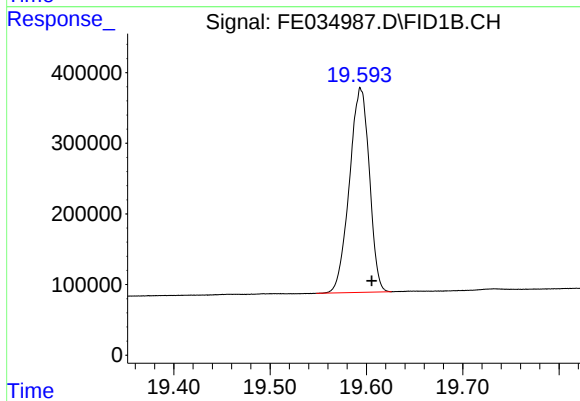
#18 n-Dotriacontane (C32)

R.T.: 18.077 min
Delta R.T.: -0.011 min
Response: 4755770
Conc: 22.25 ug/ml



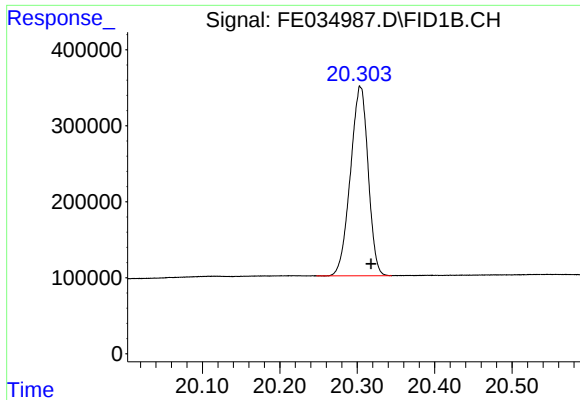
#19 n-Tetratriacontane (C34)

R.T.: 18.858 min
Delta R.T.: -0.010 min
Response: 4444575
Conc: 22.05 ug/ml



#20 n-Hexatriacontane (C36)

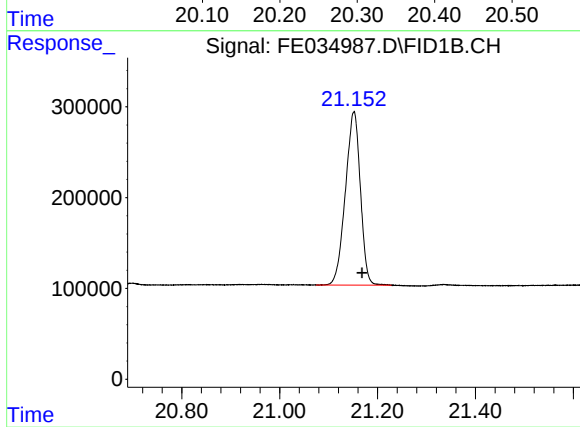
R.T.: 19.594 min
Delta R.T.: -0.011 min
Response: 4154180
Conc: 21.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.304 min
Delta R.T.: -0.014 min
Response: 3964491
Conc: 21.79 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.152 min
Delta R.T.: -0.017 min
Response: 4057163
Conc: 22.15 ug/ml