

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030321AL\
 Data File : FD036306.D
 Signal(s) : FID2B.CH
 Acq On : 03 Mar 2021 23:33
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 04 01:54:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 01:53:23 2021
 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)	11.519	6892984	47.992 ug/ml
Spiked Amount 50.000		Recovery =	95.98%
12) S 1-chlorooctadecane (S...	12.950	5566404	48.063 ug/ml
Spiked Amount 50.000		Recovery =	96.13%
Target Compounds			
1) T n-Nonane (C9)	3.306	5804980	47.361 ug/ml
2) T n-Decane (C10)	4.371	5869008	47.462 ug/ml
3) T A~Naphthalene (C11.7)	5.949	6617369	47.591 ug/ml
4) T n-Dodecane (C12)	6.382	6007952	47.634 ug/ml
5) T A~2-methylnaphthalene...	7.002	6784883	47.672 ug/ml
6) T n-Tetradecane (C14)	8.172	6115889	47.865 ug/ml
7) T n-Hexadecane (C16)	9.767	6131672	48.021 ug/ml
8) T n-Octadecane (C18)	11.205	6453529	48.074 ug/ml
10) T n-Eicosane (C20)	12.507	6544021	48.042 ug/ml
11) T n-Heneicosane (C21)	13.118	6550622	48.023 ug/ml
13) T n-Docosane (C22)	13.702	6560427	48.009 ug/ml
14) T n-Tetracosane (C24)	14.799	6551708	47.907 ug/ml
15) T n-Hexacosane (C26)	15.815	6446622	47.857 ug/ml
16) T n-Octacosane (C28)	16.760	6348584	47.720 ug/ml
17) T n-Tricontane (C30)	17.642	6158490	47.598 ug/ml
18) T n-Dotriacontane (C32)	18.469	5809185	47.487 ug/ml
19) T n-Tetratriacontane (C34)	19.247	5472413	47.617 ug/ml
20) T n-Hexatriacontane (C36)	19.982	5025746	47.638 ug/ml
21) T n-Octatriacontane (C38)	20.695	4604016	47.777 ug/ml
22) T n-Tetracontane (C40)	21.556	4620574	48.031 ug/ml

(f)=RT Delta > 1/2 Window

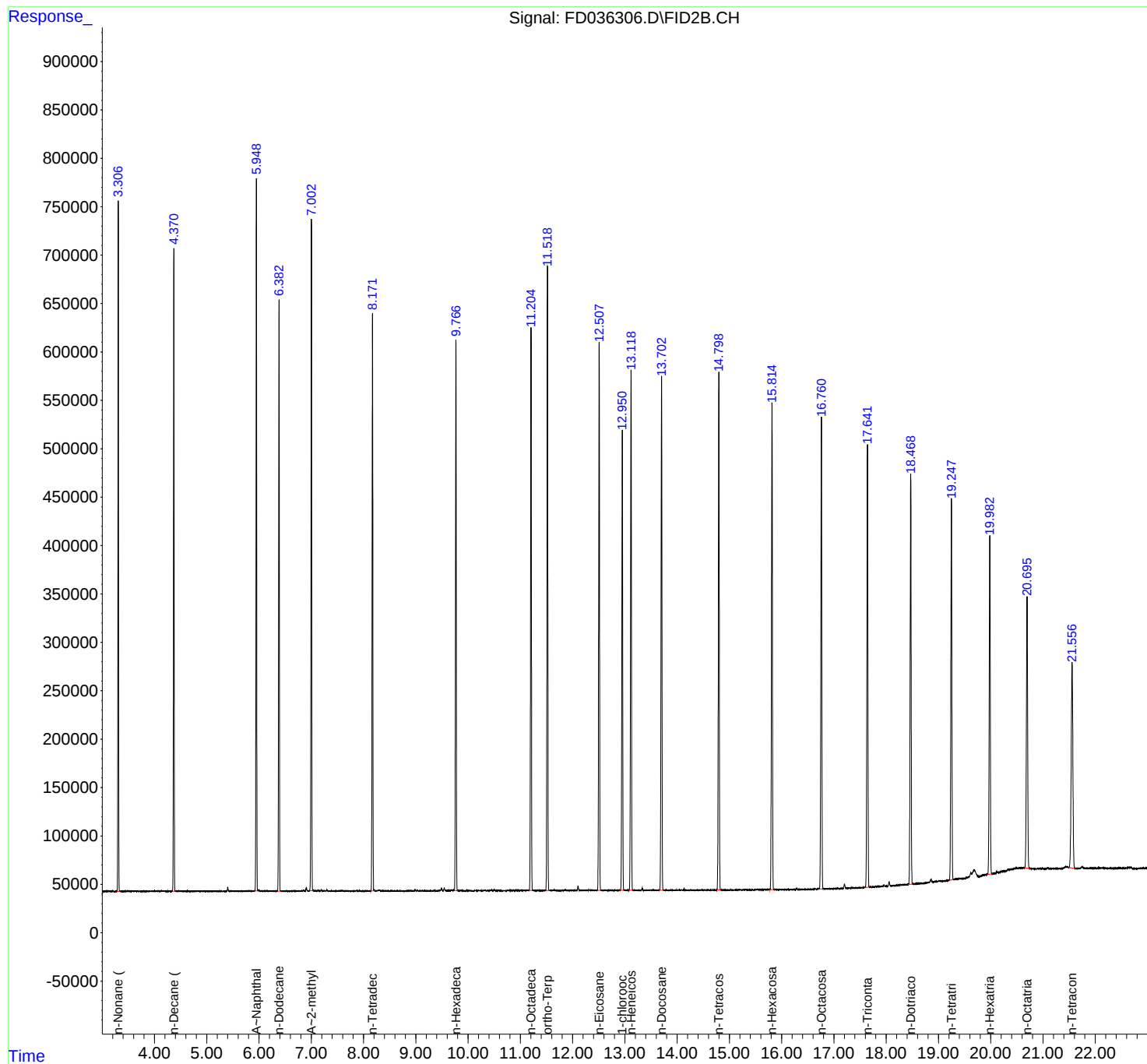
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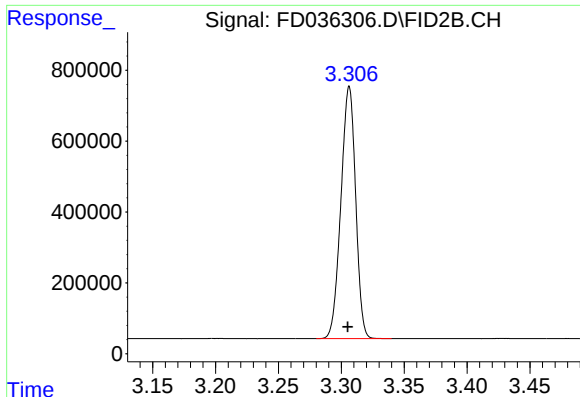
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50 PPM ALIPHATIC HC STD2

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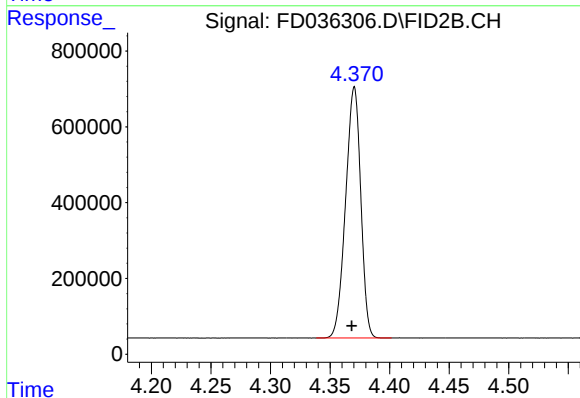




#1 n-Nonane (C9)

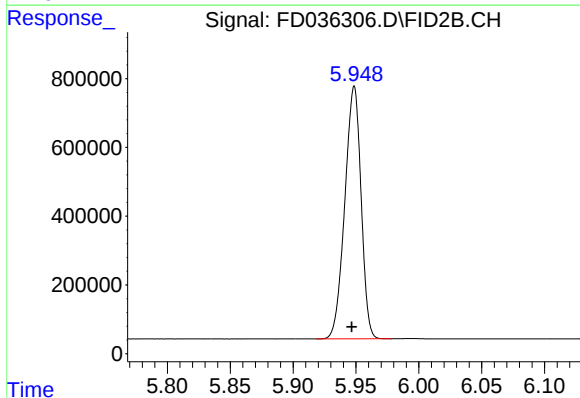
R.T.: 3.306 min
Delta R.T.: 0.001 min
Response: 5804980
Conc: 47.36 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



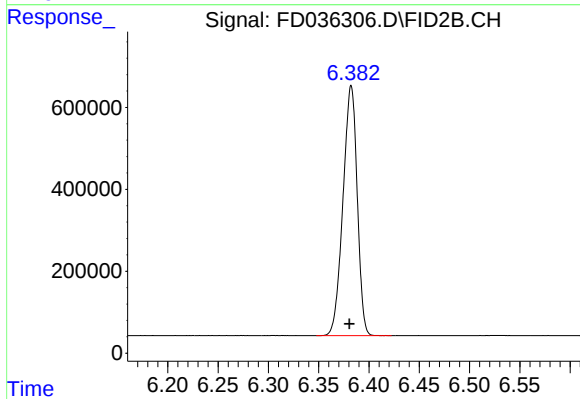
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: 0.002 min
Response: 5869008
Conc: 47.46 ug/ml



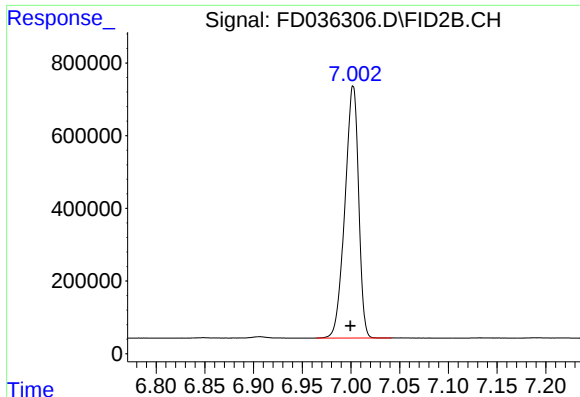
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.002 min
Response: 6617369
Conc: 47.59 ug/ml



#4 n-Dodecane (C12)

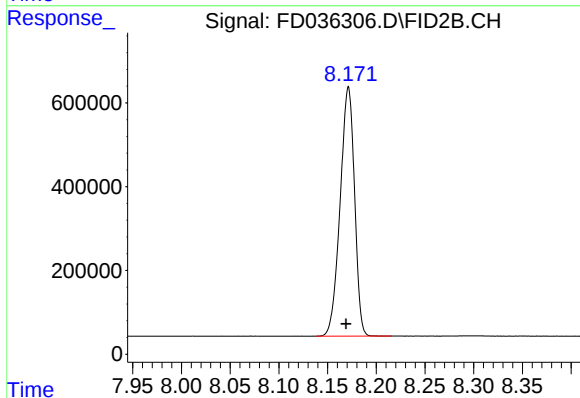
R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 6007952
Conc: 47.63 ug/ml



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

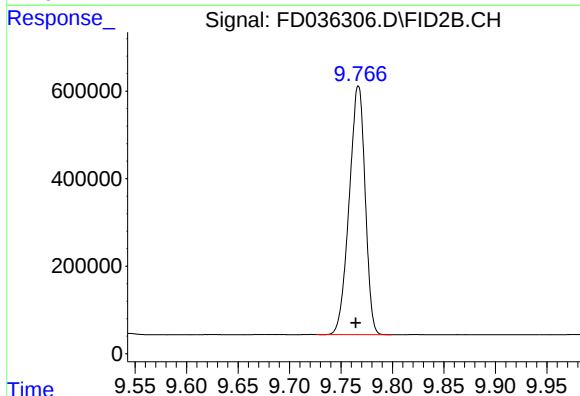
R.T.: 7.002 min
Delta R.T.: 0.003 min
Response: 6784883
Conc: 47.67 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



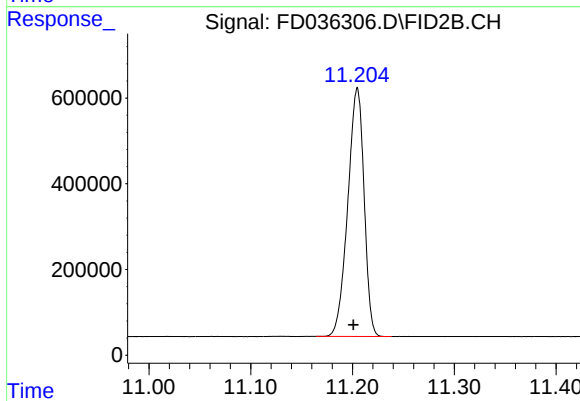
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: 0.003 min
Response: 6115889
Conc: 47.86 ug/ml



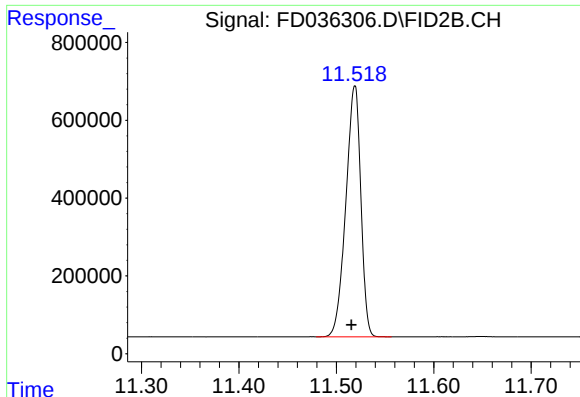
#7 n-Hexadecane (C16)

R.T.: 9.767 min
Delta R.T.: 0.003 min
Response: 6131672
Conc: 48.02 ug/ml



#8 n-Octadecane (C18)

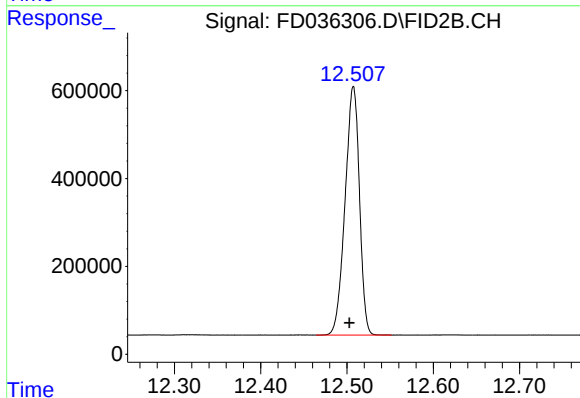
R.T.: 11.205 min
Delta R.T.: 0.004 min
Response: 6453529
Conc: 48.07 ug/ml



#9 ortho-Terphenyl (SURR)

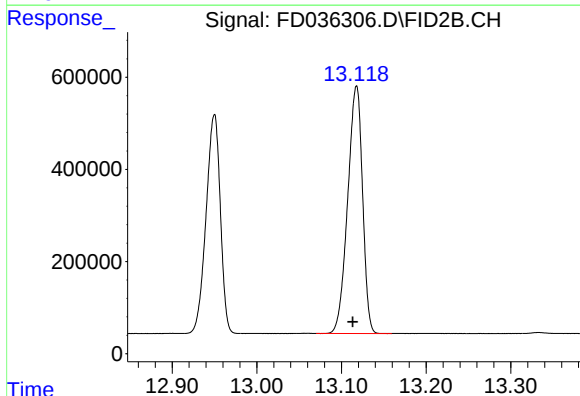
R.T.: 11.519 min
Delta R.T.: 0.004 min
Response: 6892984
Conc: 47.99 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



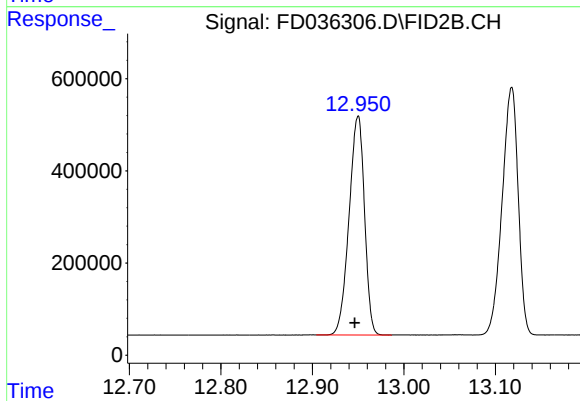
#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: 0.004 min
Response: 6544021
Conc: 48.04 ug/ml



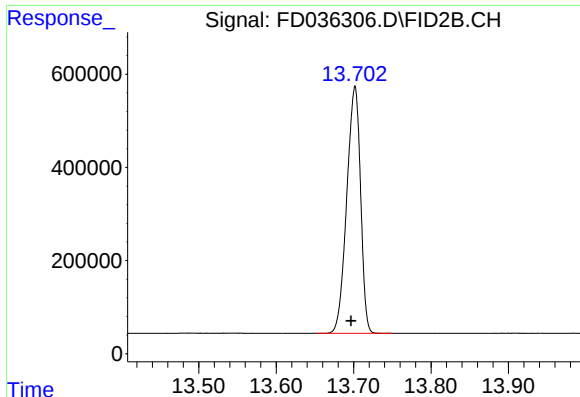
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: 0.005 min
Response: 6550622
Conc: 48.02 ug/ml



#12 1-chlorooctadecane (SURR)

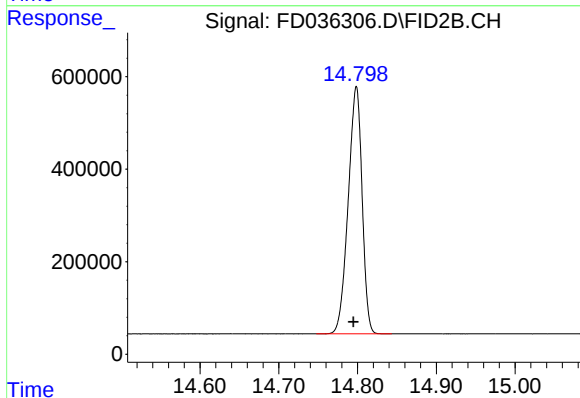
R.T.: 12.950 min
Delta R.T.: 0.004 min
Response: 5566404
Conc: 48.06 ug/ml



#13 n-Docosane (C22)

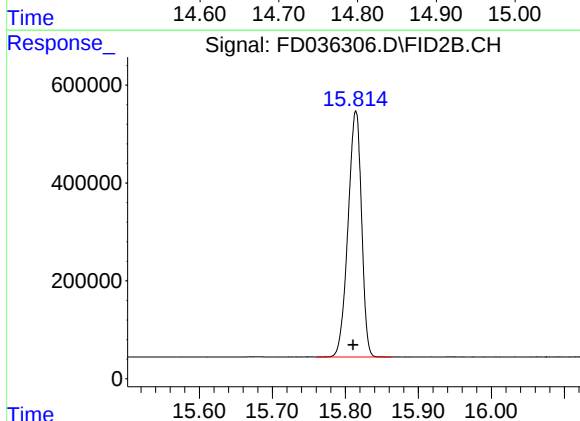
R.T.: 13.702 min
Delta R.T.: 0.005 min
Response: 6560427
Conc: 48.01 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



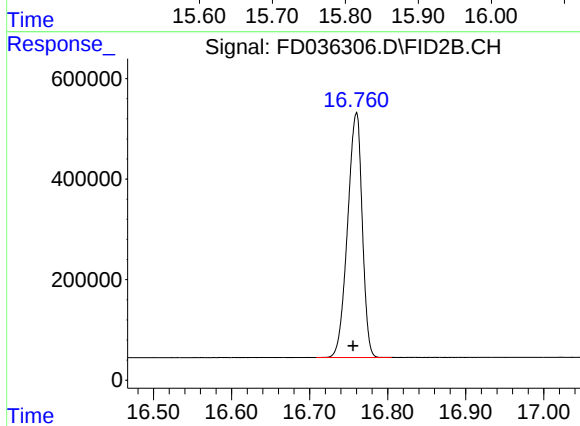
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.004 min
Response: 6551708
Conc: 47.91 ug/ml



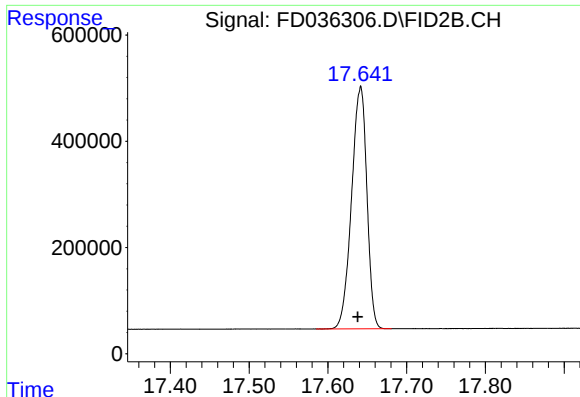
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.004 min
Response: 6446622
Conc: 47.86 ug/ml



#16 n-Octacosane (C28)

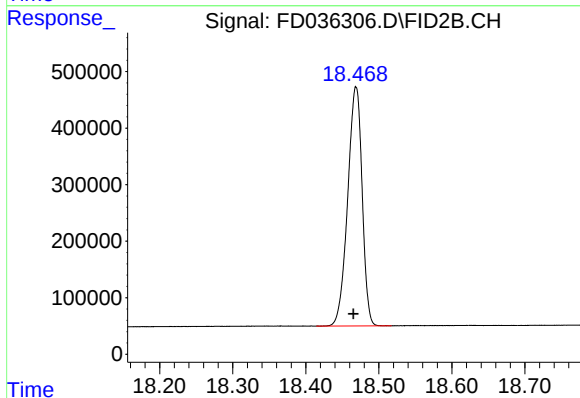
R.T.: 16.760 min
Delta R.T.: 0.004 min
Response: 6348584
Conc: 47.72 ug/ml



#17 n-Tricontane (C30)

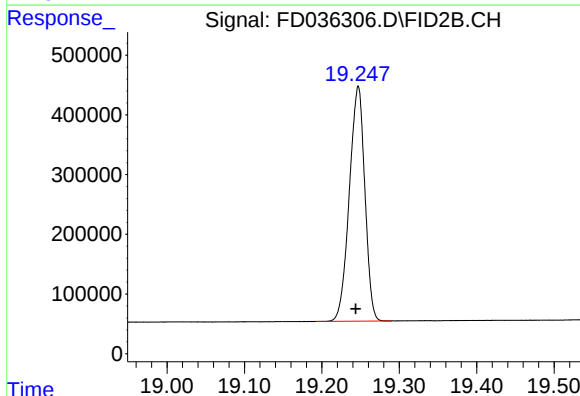
R.T.: 17.642 min
Delta R.T.: 0.004 min
Response: 6158490
Conc: 47.60 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



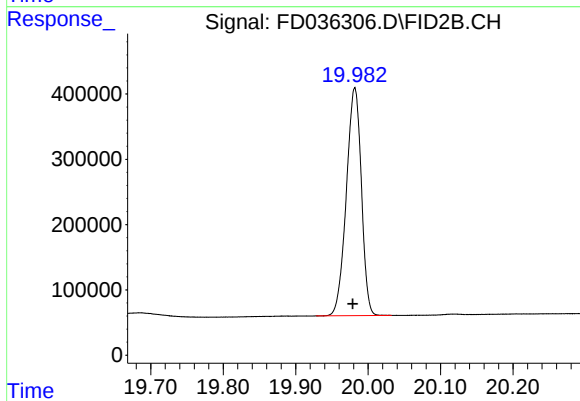
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: 0.003 min
Response: 5809185
Conc: 47.49 ug/ml



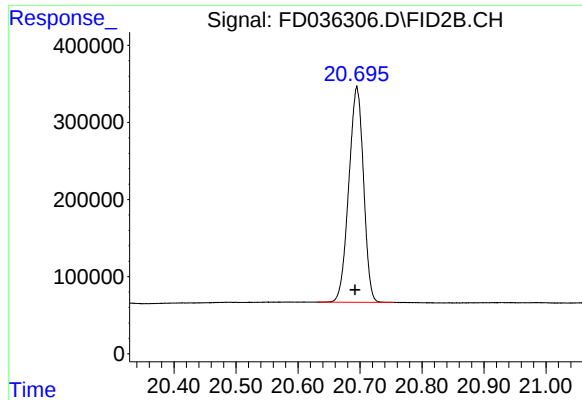
#19 n-Tetratriacontane (C34)

R.T.: 19.247 min
Delta R.T.: 0.003 min
Response: 5472413
Conc: 47.62 ug/ml



#20 n-Hexatriacontane (C36)

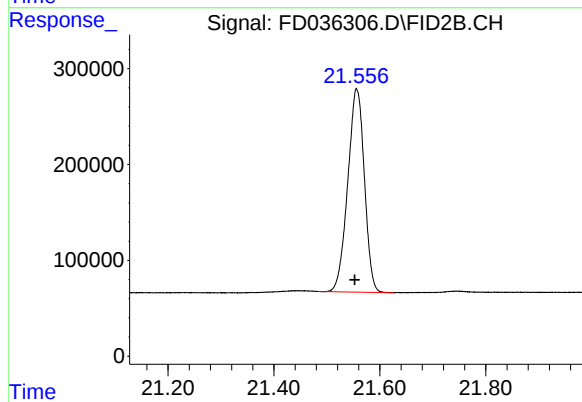
R.T.: 19.982 min
Delta R.T.: 0.003 min
Response: 5025746
Conc: 47.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.695 min
Delta R.T.: 0.003 min
Response: 4604016
Conc: 47.78 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.556 min
Delta R.T.: 0.004 min
Response: 4620574
Conc: 48.03 ug/ml