

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122120AL\
 Data File : FD035815.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2020 17:20
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 22 01:41:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 01:41:06 2020
 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)	11.496	13467717	99.945 ug/ml
Spiked Amount 50.000		Recovery =	199.89%
12) S 1-chlorooctadecane (S...	12.926	10746665	99.459 ug/ml
Spiked Amount 50.000		Recovery =	198.92%
Target Compounds			
1) T n-Nonane (C9)	3.291	11852447	102.078 ug/ml
2) T n-Decane (C10)	4.352	11984350	102.411 ug/ml
3) T A~Naphthalene (C11.7)	5.930	13301001	106.454 ug/ml
4) T n-Dodecane (C12)	6.361	12290145	101.495 ug/ml
5) T A~2-methylnaphthalene...	6.984	13620307	106.970 ug/ml
6) T n-Tetradecane (C14)	8.149	12317913	101.099 ug/ml
7) T n-Hexadecane (C16)	9.743	12122010	101.157 ug/ml
8) T n-Octadecane (C18)	11.181	12599968	99.762 ug/ml
10) T n-Eicosane (C20)	12.483	12636223	99.093 ug/ml
11) T n-Heneicosane (C21)	13.093	12567186	98.760 ug/ml
13) T n-Docosane (C22)	13.677	12518515	98.751 ug/ml
14) T n-Tetracosane (C24)	14.775	12350295	98.146 ug/ml
15) T n-Hexacosane (C26)	15.791	11993143	97.719 ug/ml
16) T n-Octacosane (C28)	16.735	11610727	96.964 ug/ml
17) T n-Tricontane (C30)	17.617	10981445	96.355 ug/ml
18) T n-Dotriacontane (C32)	18.445	9900914	96.061 ug/ml
19) T n-Tetratriacontane (C34)	19.223	9231707	96.898 ug/ml
20) T n-Hexatriacontane (C36)	19.957	8716459	97.951 ug/ml
21) T n-Octatriacontane (C38)	20.673	8287849	98.587 ug/ml
22) T n-Tetracontane (C40)	21.535	8528740	99.722 ug/ml

(f)=RT Delta > 1/2 Window

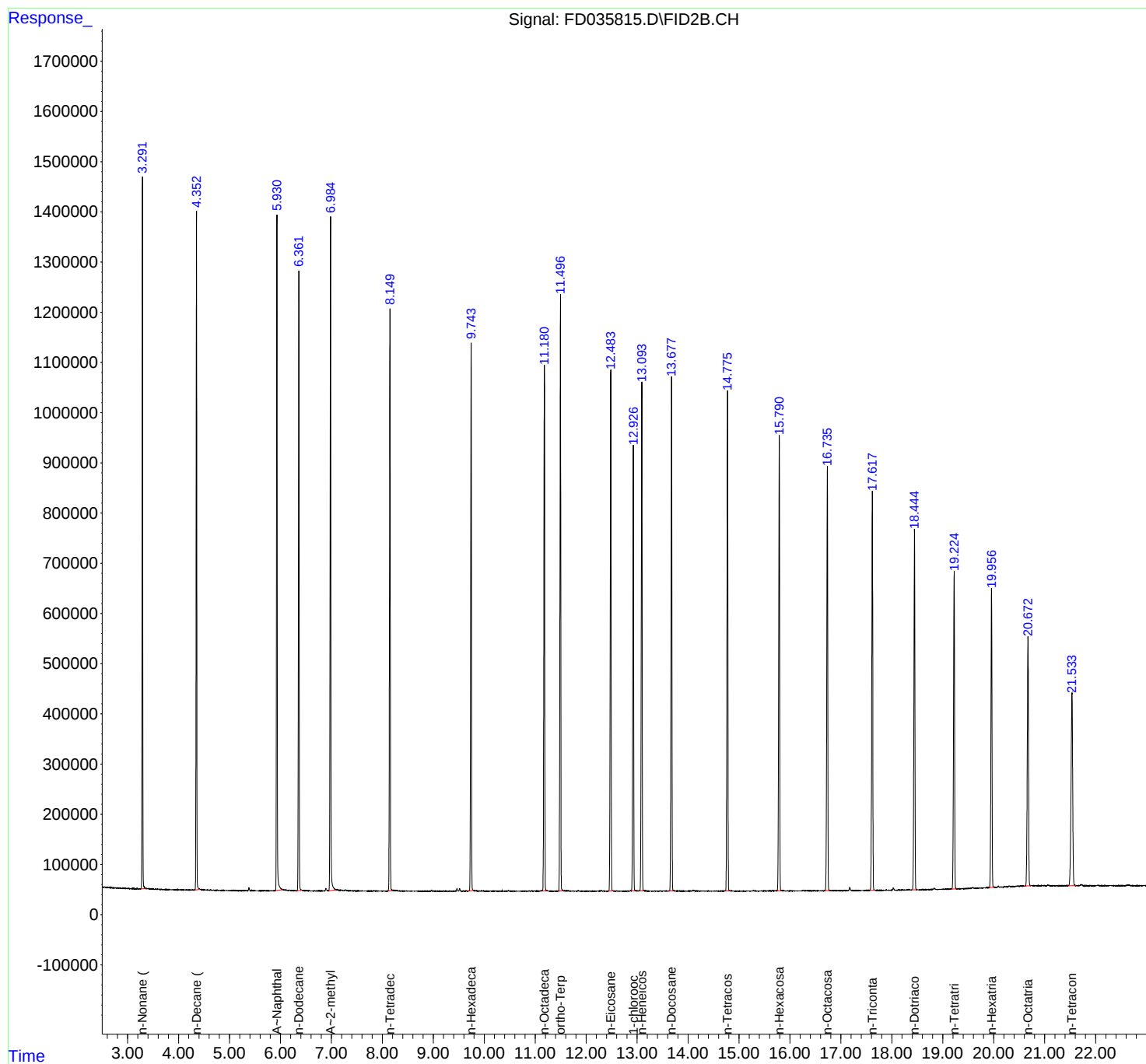
(m)=manual int.

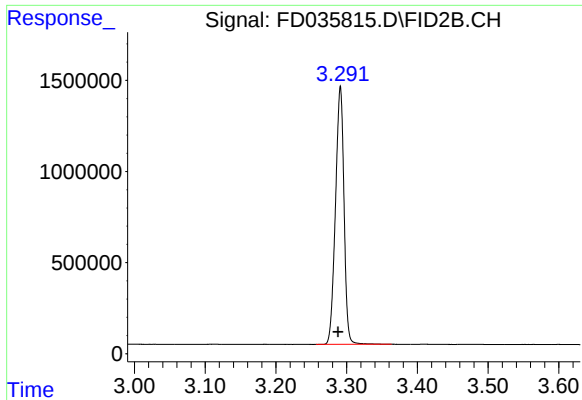
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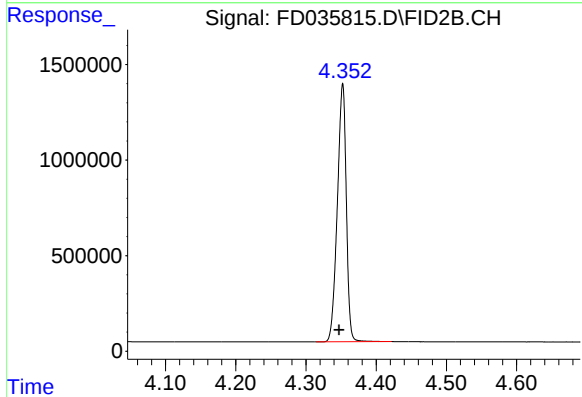




#1 n-Nonane (C9)

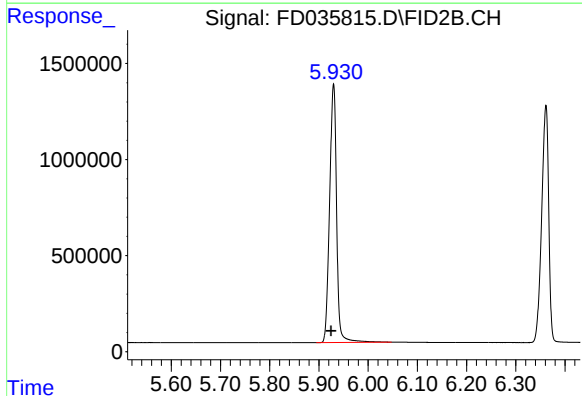
R.T.: 3.291 min
Delta R.T.: 0.003 min
Response: 11852447
Conc: 102.08 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



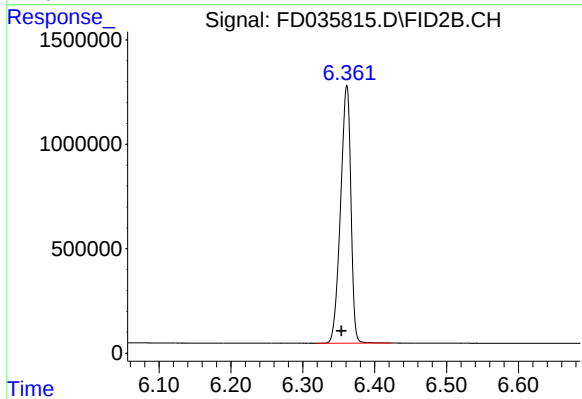
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.005 min
Response: 11984350
Conc: 102.41 ug/ml



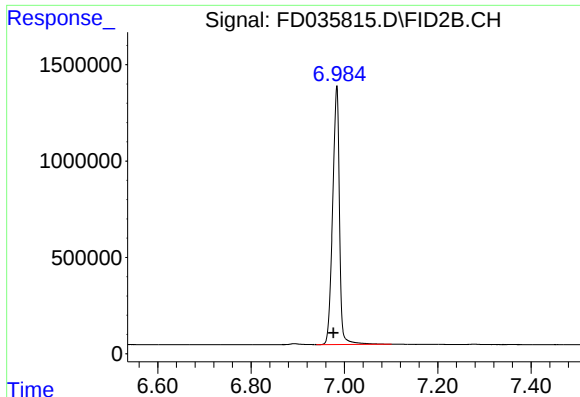
#3 A~Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: 0.005 min
Response: 13301001
Conc: 106.45 ug/ml



#4 n-Dodecane (C12)

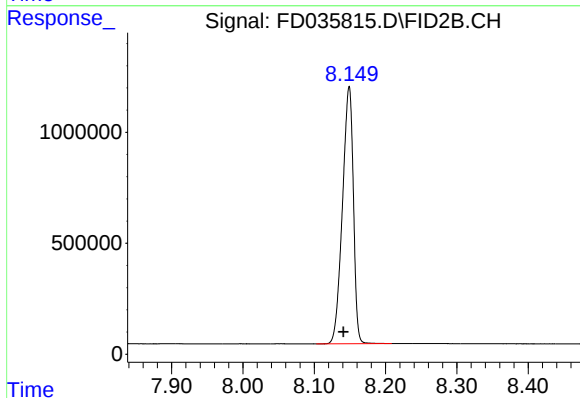
R.T.: 6.361 min
Delta R.T.: 0.007 min
Response: 12290145
Conc: 101.49 ug/ml



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

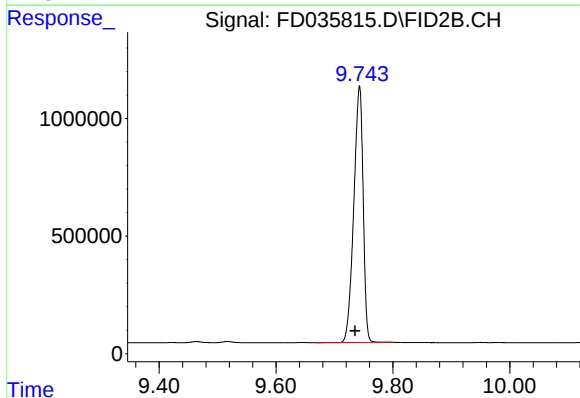
R.T.: 6.984 min
Delta R.T.: 0.007 min
Response: 13620307
Conc: 106.97 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



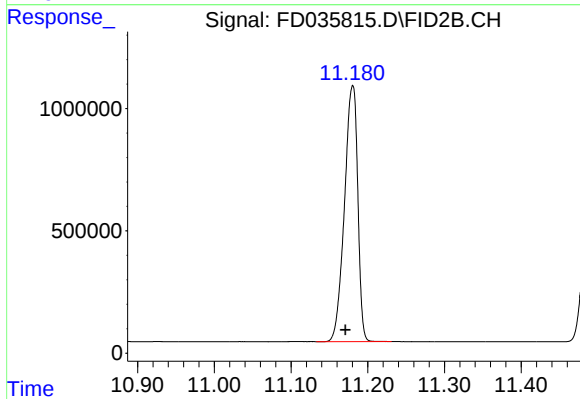
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.008 min
Response: 12317913
Conc: 101.10 ug/ml



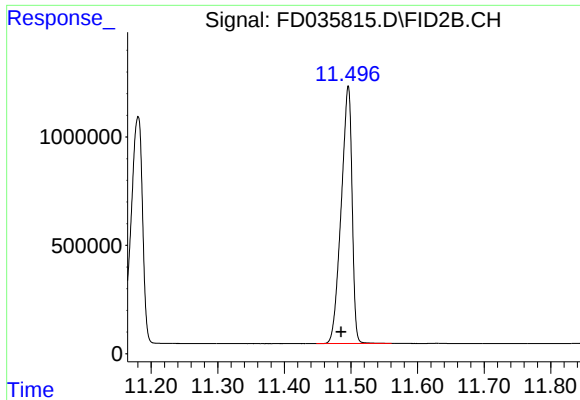
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.008 min
Response: 12122010
Conc: 101.16 ug/ml



#8 n-Octadecane (C18)

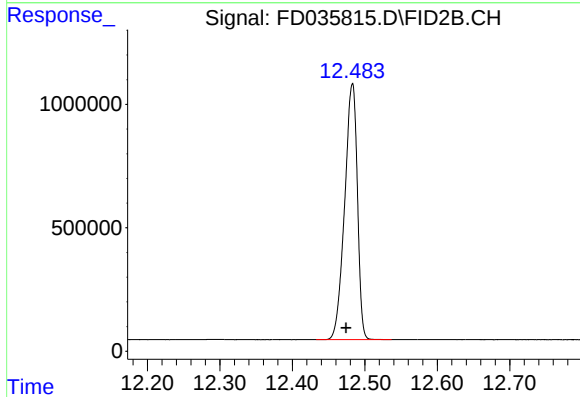
R.T.: 11.181 min
Delta R.T.: 0.010 min
Response: 12599968
Conc: 99.76 ug/ml



#9 ortho-Terphenyl (SURR)

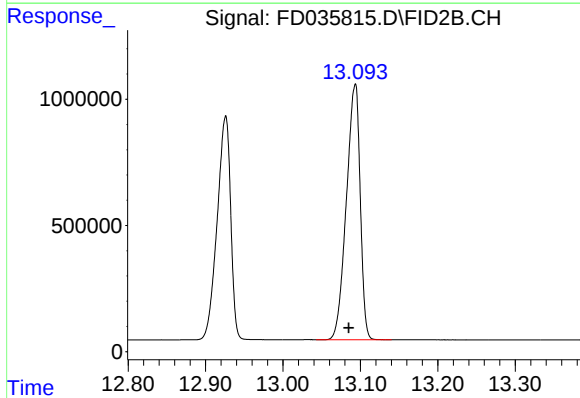
R.T.: 11.496 min
Delta R.T.: 0.011 min
Response: 13467717
Conc: 99.94 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



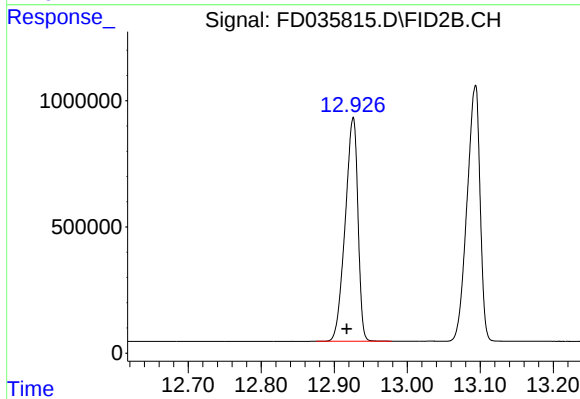
#10 n-Eicosane (C20)

R.T.: 12.483 min
Delta R.T.: 0.009 min
Response: 12636223
Conc: 99.09 ug/ml



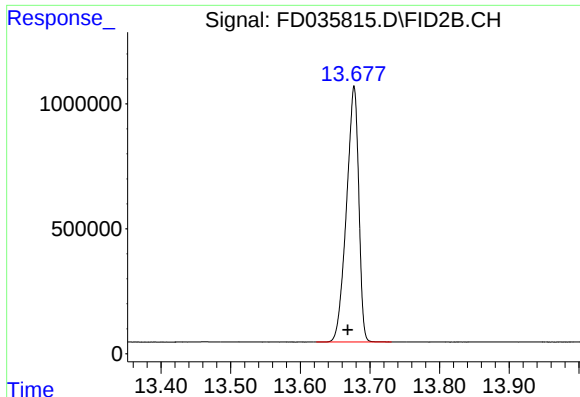
#11 n-Heneicosane (C21)

R.T.: 13.093 min
Delta R.T.: 0.009 min
Response: 12567186
Conc: 98.76 ug/ml



#12 1-chlorooctadecane (SURR)

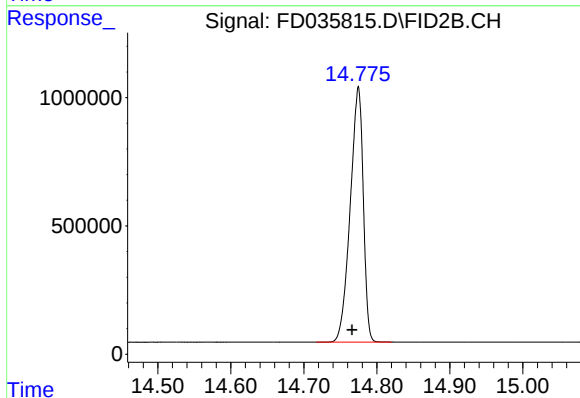
R.T.: 12.926 min
Delta R.T.: 0.009 min
Response: 10746665
Conc: 99.46 ug/ml



#13 n-Docosane (C22)

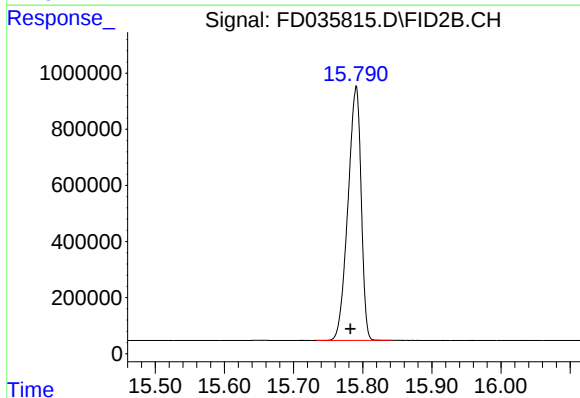
R.T.: 13.677 min
Delta R.T.: 0.009 min
Response: 12518515
Conc: 98.75 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



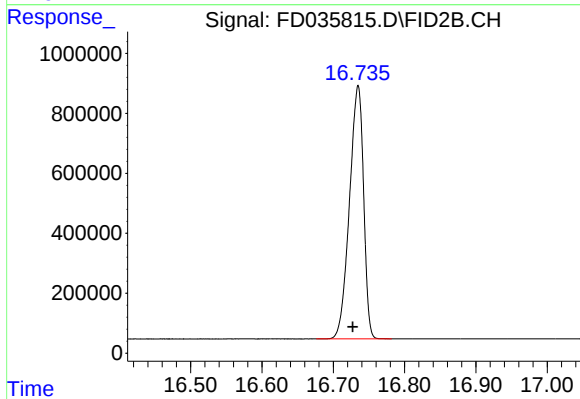
#14 n-Tetracosane (C24)

R.T.: 14.775 min
Delta R.T.: 0.009 min
Response: 12350295
Conc: 98.15 ug/ml



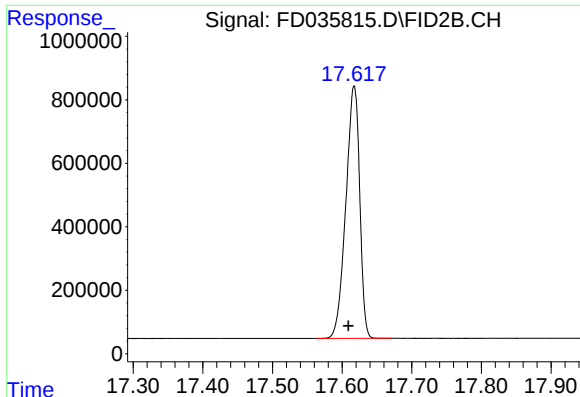
#15 n-Hexacosane (C26)

R.T.: 15.791 min
Delta R.T.: 0.008 min
Response: 11993143
Conc: 97.72 ug/ml



#16 n-Octacosane (C28)

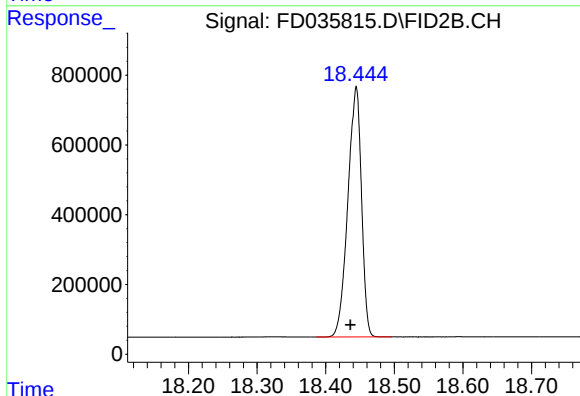
R.T.: 16.735 min
Delta R.T.: 0.008 min
Response: 11610727
Conc: 96.96 ug/ml



#17 n-Tricontane (C30)

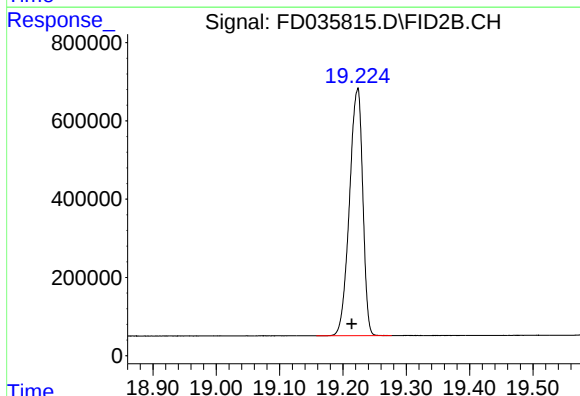
R.T.: 17.617 min
Delta R.T.: 0.008 min
Response: 10981445
Conc: 96.36 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



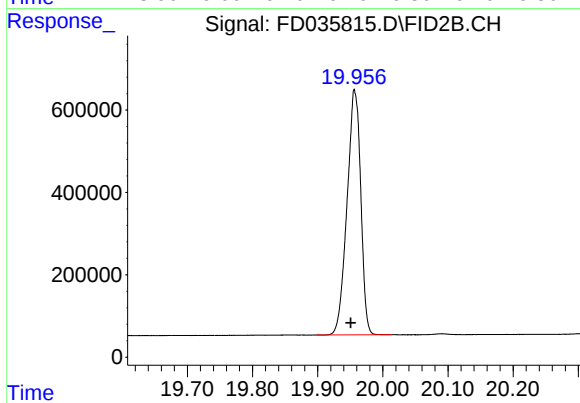
#18 n-Dotriacontane (C32)

R.T.: 18.445 min
Delta R.T.: 0.009 min
Response: 9900914
Conc: 96.06 ug/ml



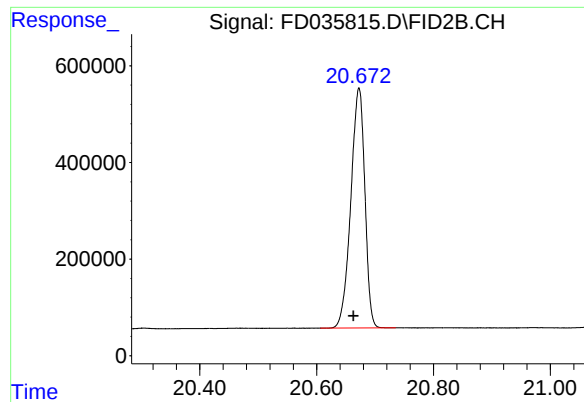
#19 n-Tetratriacontane (C34)

R.T.: 19.223 min
Delta R.T.: 0.009 min
Response: 9231707
Conc: 96.90 ug/ml



#20 n-Hexatriacontane (C36)

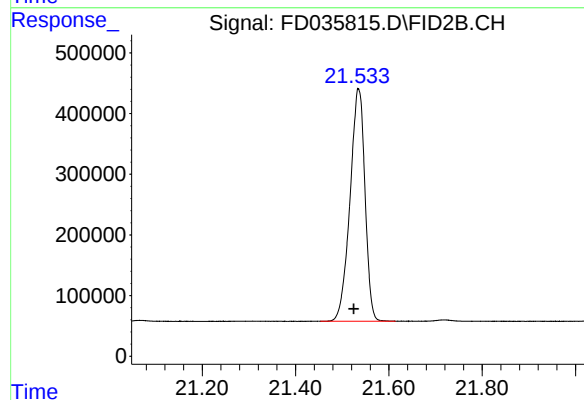
R.T.: 19.957 min
Delta R.T.: 0.006 min
Response: 8716459
Conc: 97.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.673 min
Delta R.T.: 0.009 min
Response: 8287849
Conc: 98.59 ug/ml

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FID_D
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100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.535 min
Delta R.T.: 0.010 min
Response: 8528740
Conc: 99.72 ug/ml