

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080923AL\
 Data File : FD046310.D
 Signal(s) : FID2B.ch
 Acq On : 09 Aug 2023 11:29
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 09 23:59:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.392	3503099	20.092 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	12.827	2650945	22.031 ug/ml
Spiked Amount 50.000		Recovery =	44.06%
Target Compounds			
1) T n-Nonane (C9)	3.225	2672567	16.952 ug/ml
2) T n-Decane (C10)	4.279	2722638	16.953 ug/ml
3) T A~Naphthalene (C11.7)	5.839	3020426	17.446 ug/ml
4) T n-Dodecane (C12)	6.280	2748774	17.006 ug/ml
5) T A~2-methylnaphthalene...	6.888	2932073	17.766 ug/ml
6) T n-Tetradecane (C14)	8.064	2732270	17.175 ug/ml
7) T n-Hexadecane (C16)	9.655	2862623	17.592 ug/ml
8) T n-Octadecane (C18)	11.088	2979297	18.470 ug/ml
10) T n-Eicosane (C20)	12.388	2957758	19.815 ug/ml
11) T n-Heneicosane (C21)	12.995	2962770	20.525 ug/ml
13) T n-Docosane (C22)	13.578	2981490	21.339 ug/ml
14) T n-Tetracosane (C24)	14.673	3030185	22.006 ug/ml
15) T n-Hexacosane (C26)	15.686	3028197	23.687 ug/ml
16) T n-Octacosane (C28)	16.629	2980341	24.476 ug/ml
17) T n-Tricontane (C30)	17.509	3015369	24.364 ug/ml
18) T n-Dotriacontane (C32)	18.334	2908685	23.821 ug/ml
19) T n-Tetratriacontane (C34)	19.111	2707936	21.166 ug/ml
20) T n-Hexatriacontane (C36)	19.845	2485435	21.702 ug/ml
21) T n-Octatriacontane (C38)	20.544	2326795	20.667 ug/ml
22) T n-Tetracontane (C40)	21.360	2200782	20.517 ug/ml

(f)=RT Delta > 1/2 Window

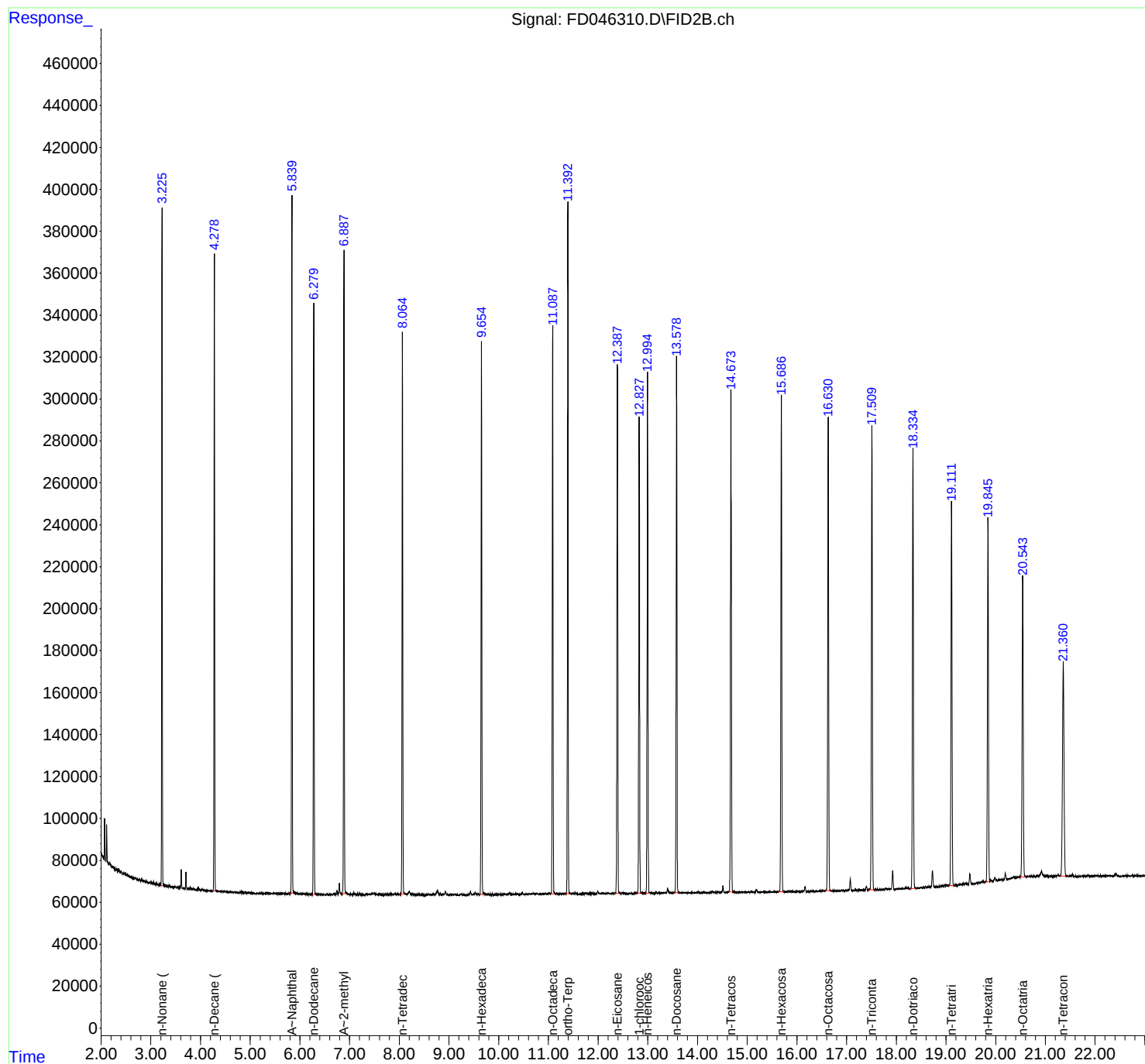
(m)=manual int.

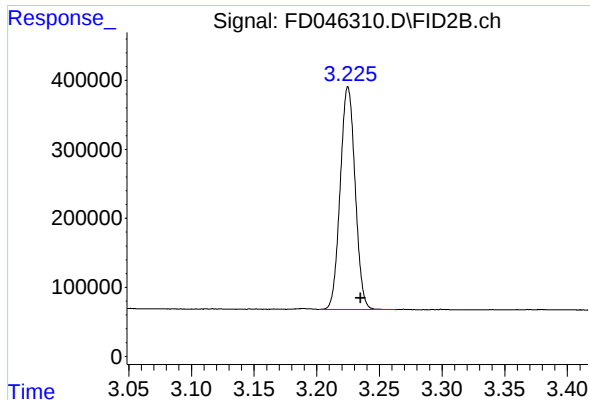
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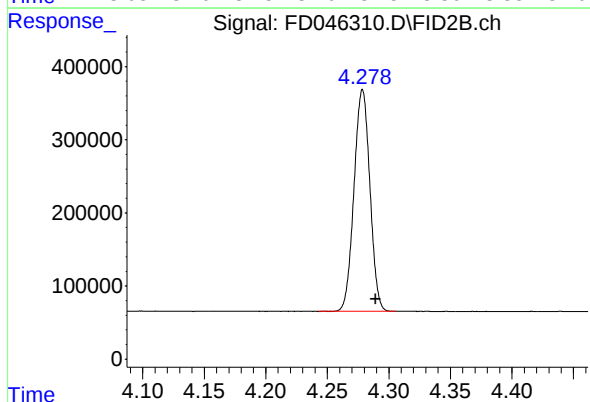




#1 n-Nonane (C9)

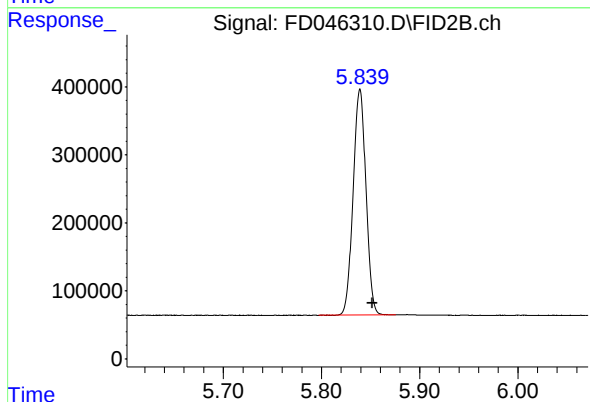
R.T.: 3.225 min
Delta R.T.: -0.010 min
Response: 2672567
Conc: 16.95 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



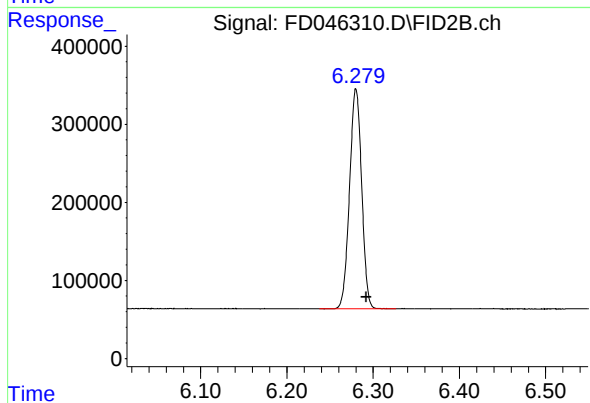
#2 n-Decane (C10)

R.T.: 4.279 min
Delta R.T.: -0.011 min
Response: 2722638
Conc: 16.95 ug/ml



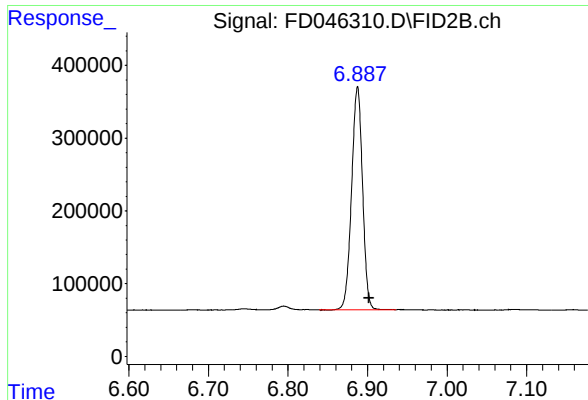
#3 A~Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: -0.012 min
Response: 3020426
Conc: 17.45 ug/ml



#4 n-Dodecane (C12)

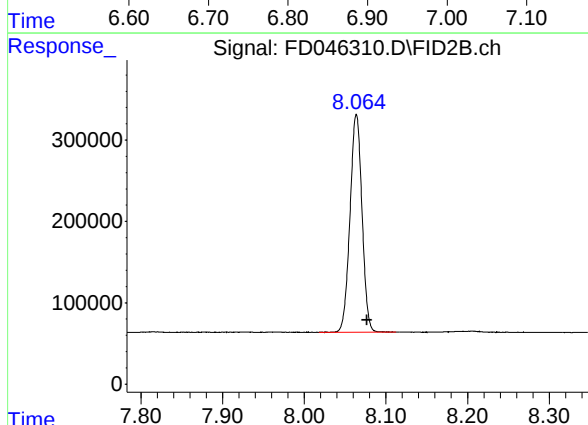
R.T.: 6.280 min
Delta R.T.: -0.012 min
Response: 2748774
Conc: 17.01 ug/ml



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

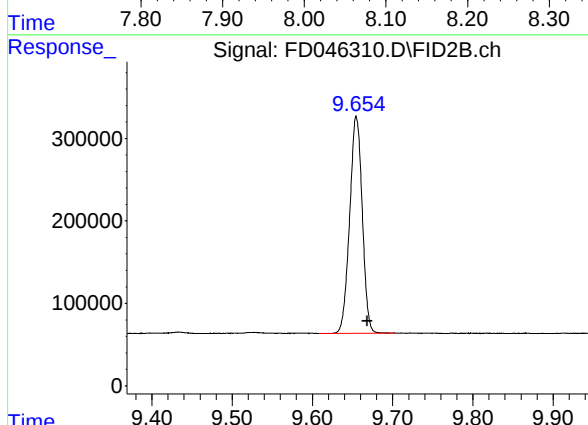
R.T.: 6.888 min
Delta R.T.: -0.014 min
Response: 2932073
Conc: 17.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



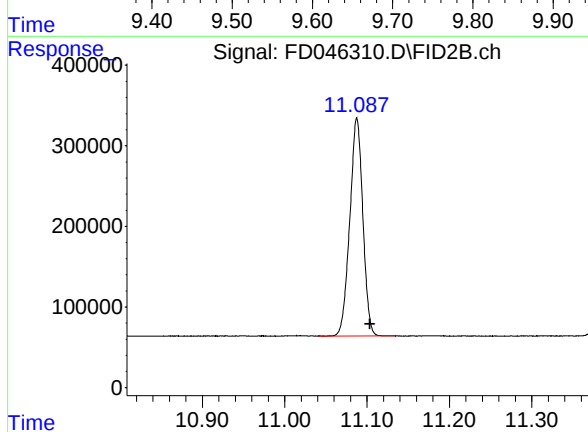
#6 n-Tetradecane (C14)

R.T.: 8.064 min
Delta R.T.: -0.013 min
Response: 2732270
Conc: 17.17 ug/ml



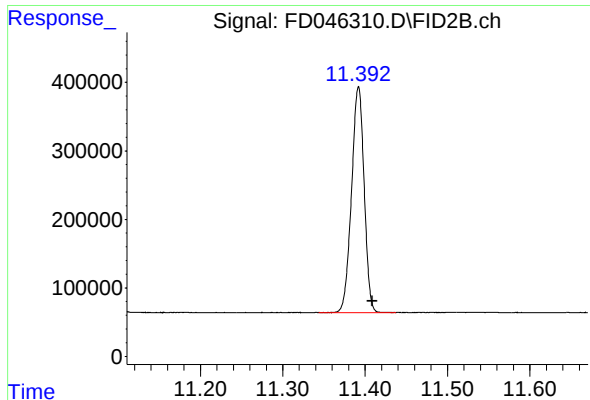
#7 n-Hexadecane (C16)

R.T.: 9.655 min
Delta R.T.: -0.014 min
Response: 2862623
Conc: 17.59 ug/ml



#8 n-Octadecane (C18)

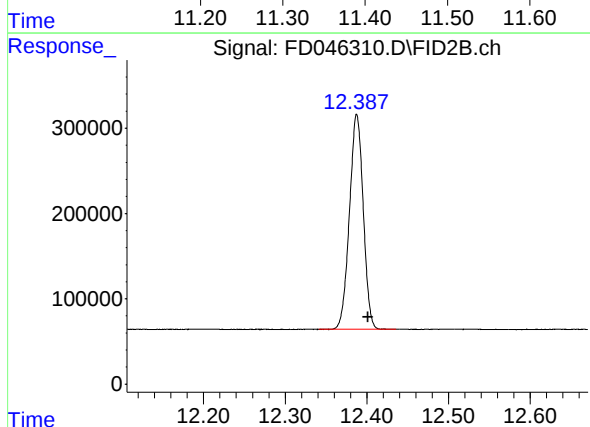
R.T.: 11.088 min
Delta R.T.: -0.016 min
Response: 2979297
Conc: 18.47 ug/ml



#9 ortho-Terphenyl (SURR)

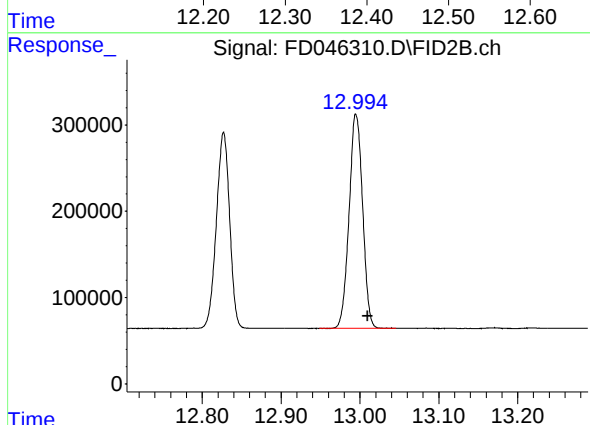
R.T.: 11.392 min
Delta R.T.: -0.017 min
Response: 3503099
Conc: 20.09 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



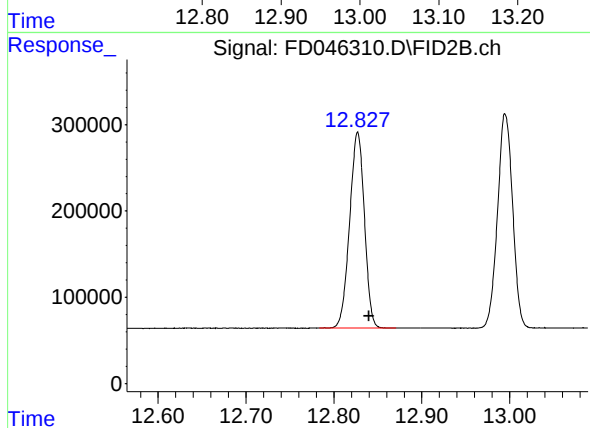
#10 n-Eicosane (C20)

R.T.: 12.388 min
Delta R.T.: -0.014 min
Response: 2957758
Conc: 19.81 ug/ml



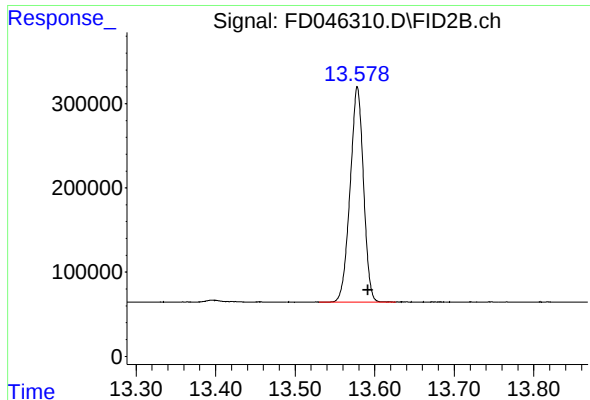
#11 n-Heneicosane (C21)

R.T.: 12.995 min
Delta R.T.: -0.015 min
Response: 2962770
Conc: 20.52 ug/ml



#12 1-chlorooctadecane (SURR)

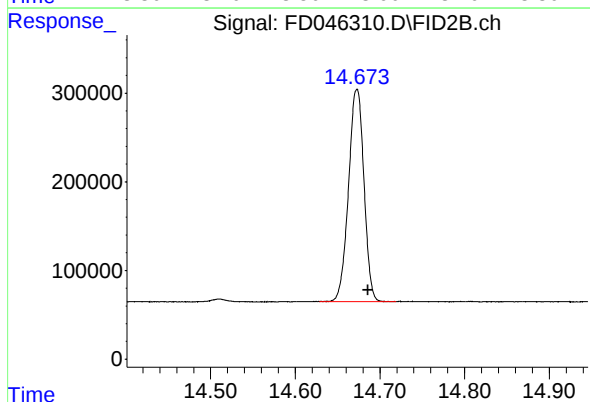
R.T.: 12.827 min
Delta R.T.: -0.013 min
Response: 2650945
Conc: 22.03 ug/ml



#13 n-Docosane (C22)

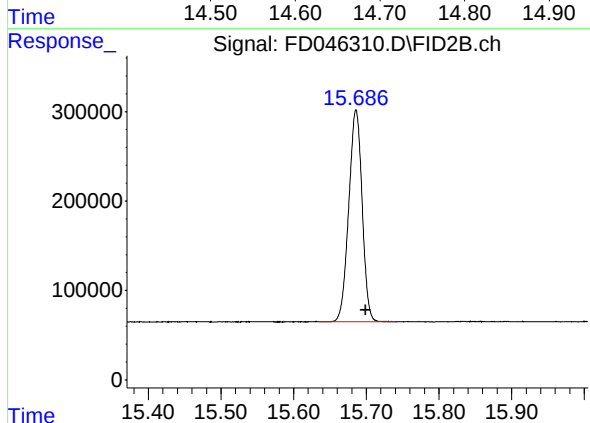
R.T.: 13.578 min
Delta R.T.: -0.013 min
Response: 2981490
Conc: 21.34 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



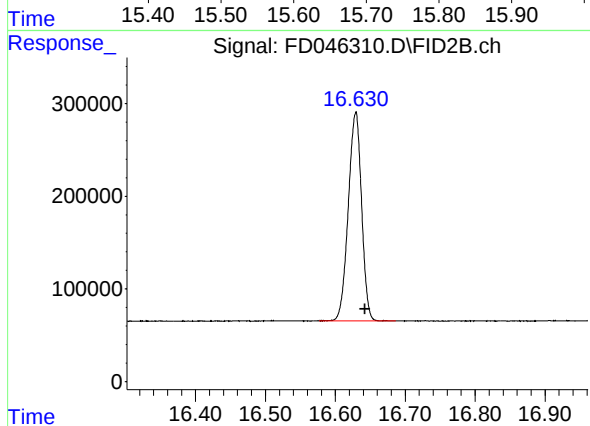
#14 n-Tetracosane (C24)

R.T.: 14.673 min
Delta R.T.: -0.013 min
Response: 3030185
Conc: 22.01 ug/ml



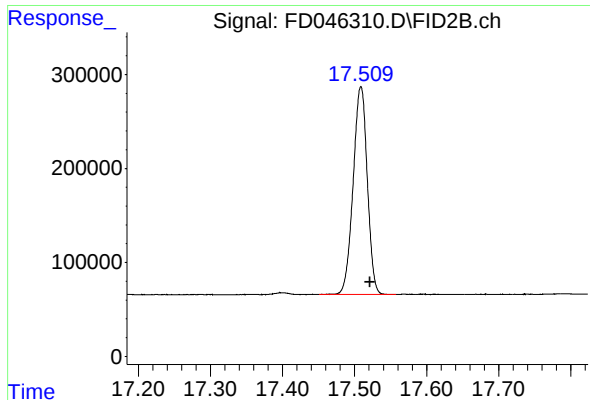
#15 n-Hexacosane (C26)

R.T.: 15.686 min
Delta R.T.: -0.013 min
Response: 3028197
Conc: 23.69 ug/ml



#16 n-Octacosane (C28)

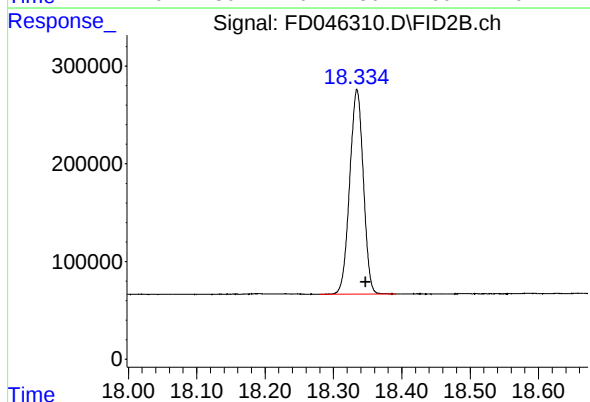
R.T.: 16.629 min
Delta R.T.: -0.013 min
Response: 2980341
Conc: 24.48 ug/ml



#17 n-Tricontane (C30)

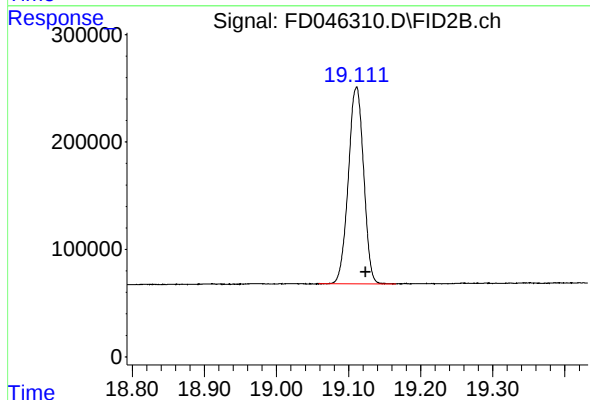
R.T.: 17.509 min
Delta R.T.: -0.013 min
Response: 3015369
Conc: 24.36 ug/ml

Instrument :
FID_D
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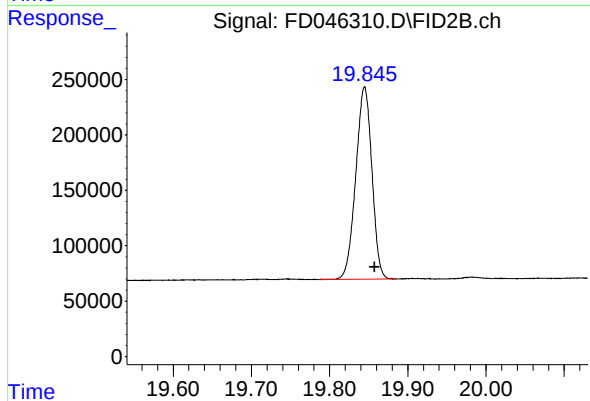
#18 n-Dotriacontane (C32)

R.T.: 18.334 min
Delta R.T.: -0.012 min
Response: 2908685
Conc: 23.82 ug/ml



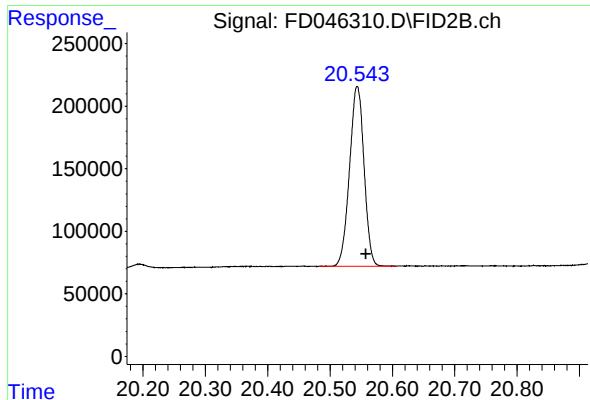
#19 n-Tetatriacontane (C34)

R.T.: 19.111 min
Delta R.T.: -0.012 min
Response: 2707936
Conc: 21.17 ug/ml



#20 n-Hexatriacontane (C36)

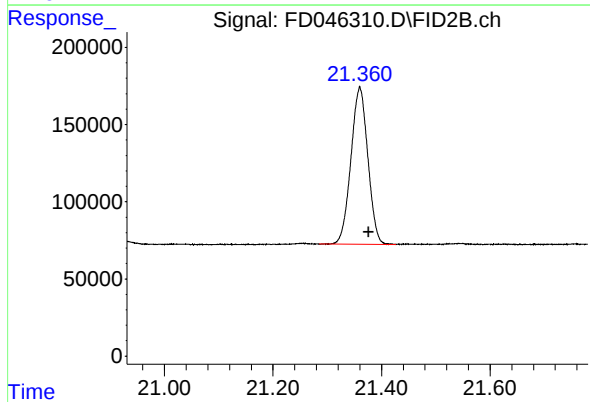
R.T.: 19.845 min
Delta R.T.: -0.013 min
Response: 2485435
Conc: 21.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.544 min
Delta R.T.: -0.014 min
Response: 2326795
Conc: 20.67 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.360 min
Delta R.T.: -0.017 min
Response: 2200782
Conc: 20.52 ug/ml