

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111821AL\
 Data File : FD039497.D
 Signal(s) : FID2B.CH
 Acq On : 18 Nov 2021 15:51
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 19 00:21:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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)	11.659	2793764	21.897 ug/ml
Spiked Amount 50.000		Recovery =	43.79%
12) S 1-chlorooctadecane (S...	13.086	2153432	20.721 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
Target Compounds			
1) T n-Nonane (C9)	3.423	2544180	21.881 ug/ml
2) T n-Decane (C10)	4.491	2596046	22.206 ug/ml
3) T A~Naphthalene (C11.7)	6.081	2868629	22.258 ug/ml
4) T n-Dodecane (C12)	6.505	2605771	22.022 ug/ml
5) T A~2-methylnaphthalene...	7.136	2876238	21.900 ug/ml
6) T n-Tetradecane (C14)	8.297	2608599	22.132 ug/ml
7) T n-Hexadecane (C16)	9.895	2592210	21.632 ug/ml
8) T n-Octadecane (C18)	11.334	2630890	21.496 ug/ml
10) T n-Eicosane (C20)	12.640	2577330	20.898 ug/ml
11) T n-Heneicosane (C21)	13.251	2575067	20.563 ug/ml
13) T n-Docosane (C22)	13.835	2540747	20.456 ug/ml
14) T n-Tetracosane (C24)	14.935	2516640	20.273 ug/ml
15) T n-Hexacosane (C26)	15.953	2413237	19.644 ug/ml
16) T n-Octacosane (C28)	16.900	2374667	20.397 ug/ml
17) T n-Tricontane (C30)	17.783	2356425	20.005 ug/ml
18) T n-Dotriacontane (C32)	18.613	2306420	20.173 ug/ml
19) T n-Tetratriacontane (C34)	19.392	2280568	21.516 ug/ml
20) T n-Hexatriacontane (C36)	20.130	2208213	21.677 ug/ml
21) T n-Octatriacontane (C38)	20.868	2128282	22.178 ug/ml
22) T n-Tetracontane (C40)	21.787	2138022	23.175 ug/ml

(f)=RT Delta > 1/2 Window

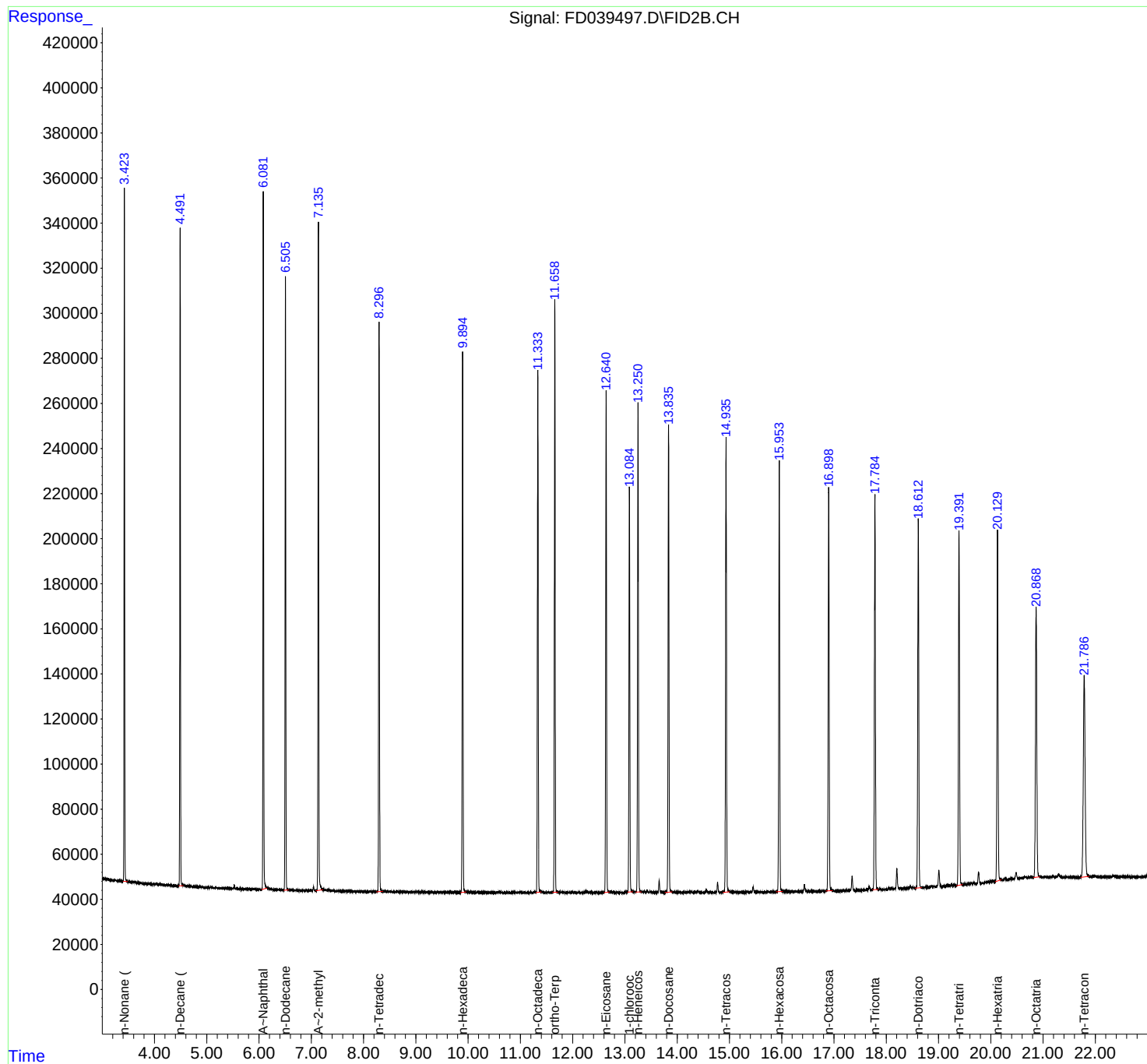
(m)=manual int.

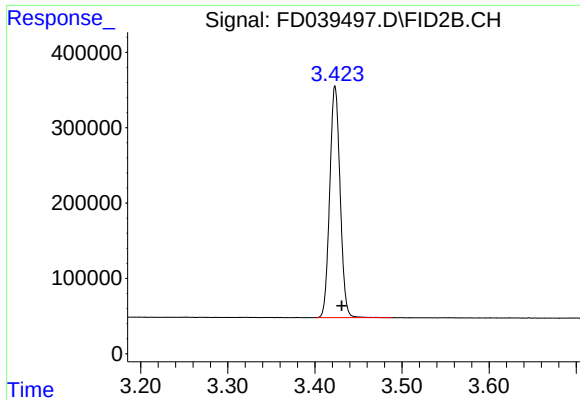
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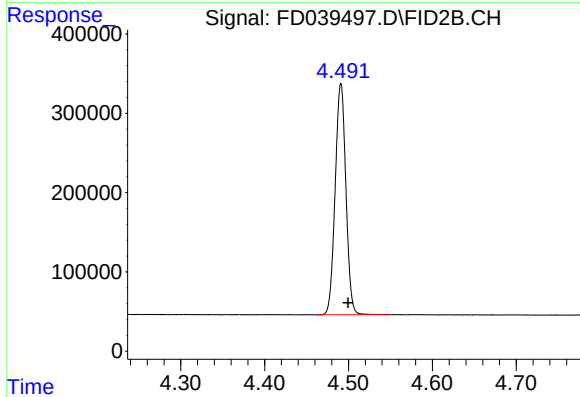




#1 n-Nonane (C9)

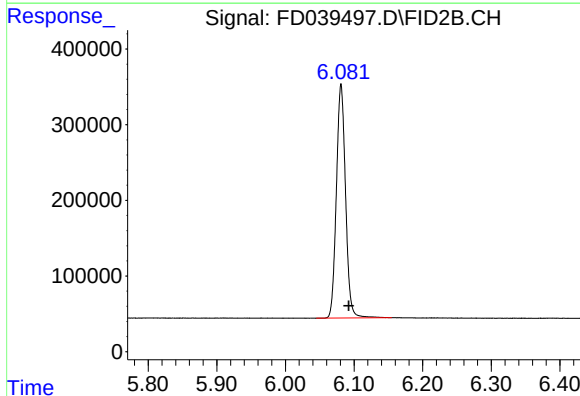
R.T.: 3.423 min
Delta R.T.: -0.008 min
Response: 2544180
Conc: 21.88 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



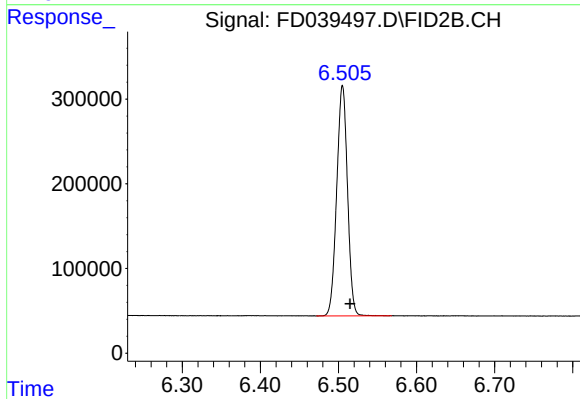
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: -0.009 min
Response: 2596046
Conc: 22.21 ug/ml



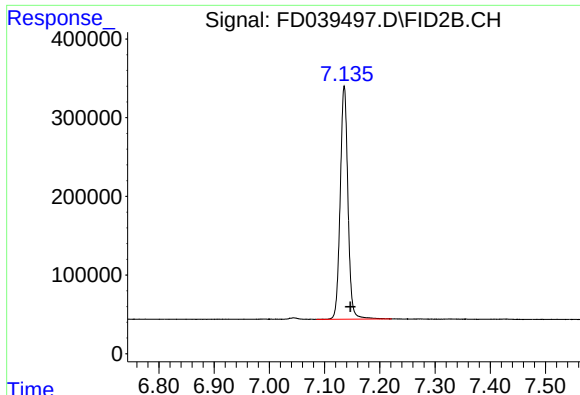
#3 A~Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: -0.011 min
Response: 2868629
Conc: 22.26 ug/ml



#4 n-Dodecane (C12)

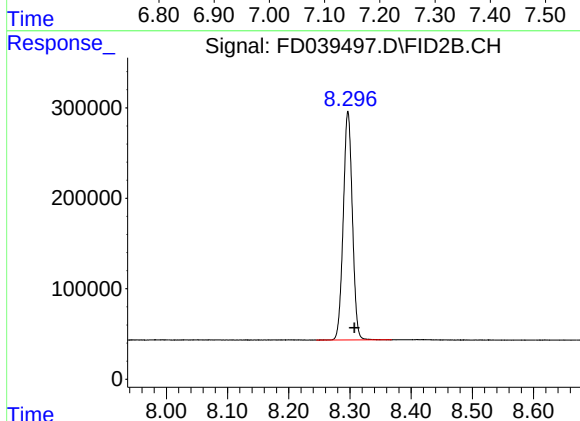
R.T.: 6.505 min
Delta R.T.: -0.010 min
Response: 2605771
Conc: 22.02 ug/ml



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

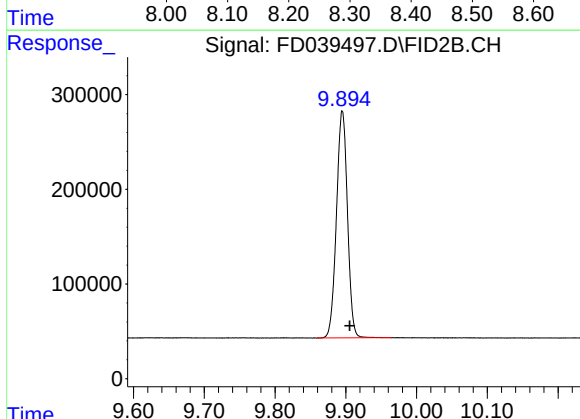
R.T.: 7.136 min
Delta R.T.: -0.011 min
Response: 2876238
Conc: 21.90 ug/ml

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20 PPM ALIPHATIC HC STD



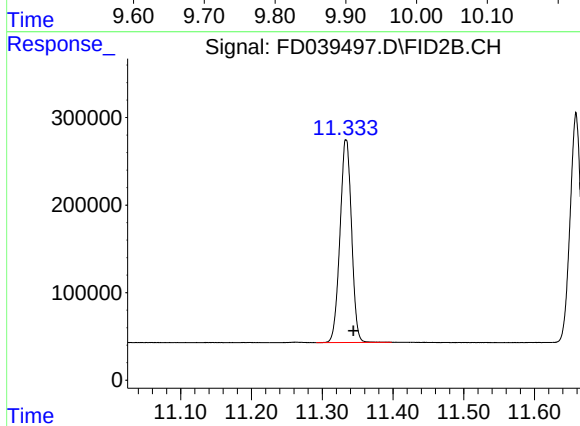
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: -0.010 min
Response: 2608599
Conc: 22.13 ug/ml



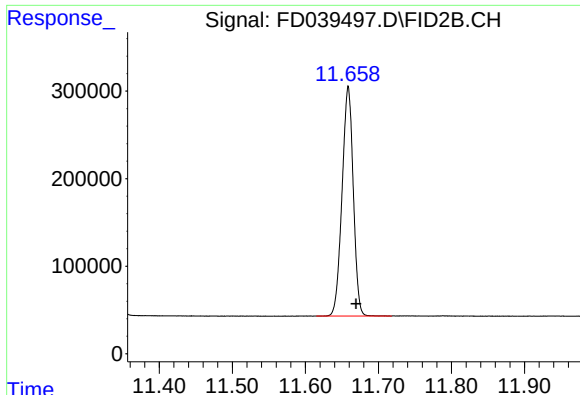
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.010 min
Response: 2592210
Conc: 21.63 ug/ml



#8 n-Octadecane (C18)

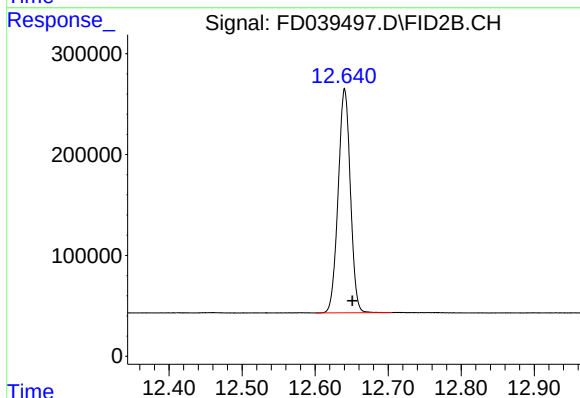
R.T.: 11.334 min
Delta R.T.: -0.010 min
Response: 2630890
Conc: 21.50 ug/ml



#9 ortho-Terphenyl (SURRE)

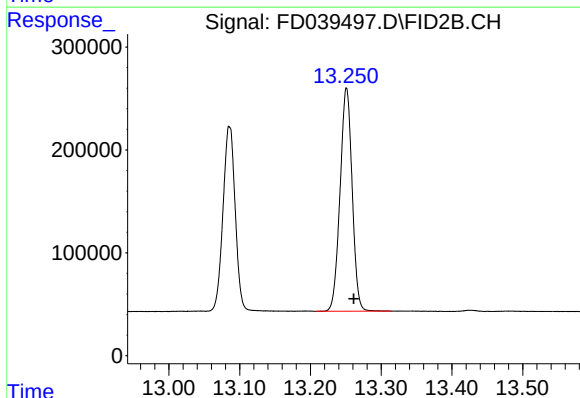
R.T.: 11.659 min
Delta R.T.: -0.011 min
Response: 2793764
Conc: 21.90 ug/ml

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20 PPM ALIPHATIC HC STD



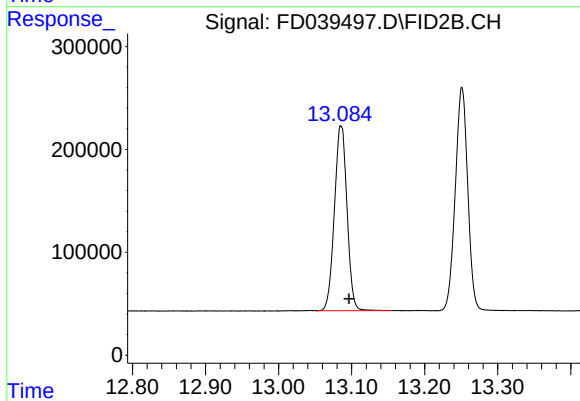
#10 n-Eicosane (C20)

R.T.: 12.640 min
Delta R.T.: -0.011 min
Response: 2577330
Conc: 20.90 ug/ml



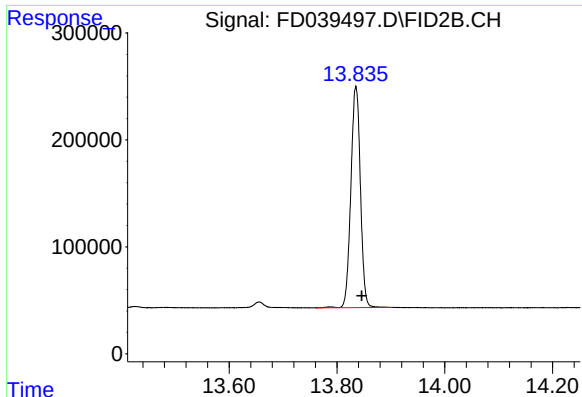
#11 n-Heneicosane (C21)

R.T.: 13.251 min
Delta R.T.: -0.010 min
Response: 2575067
Conc: 20.56 ug/ml



#12 1-chlorooctadecane (SURRE)

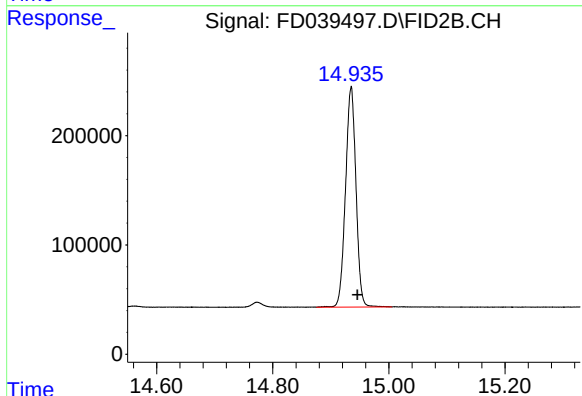
R.T.: 13.086 min
Delta R.T.: -0.011 min
Response: 2153432
Conc: 20.72 ug/ml



#13 n-Docosane (C22)

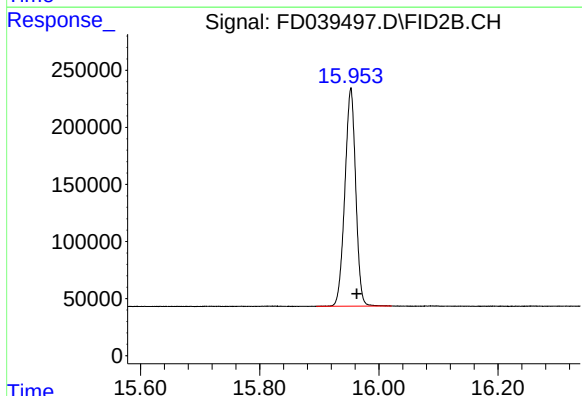
R.T.: 13.835 min
Delta R.T.: -0.011 min
Response: 2540747
Conc: 20.46 ug/ml

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20 PPM ALIPHATIC HC STD



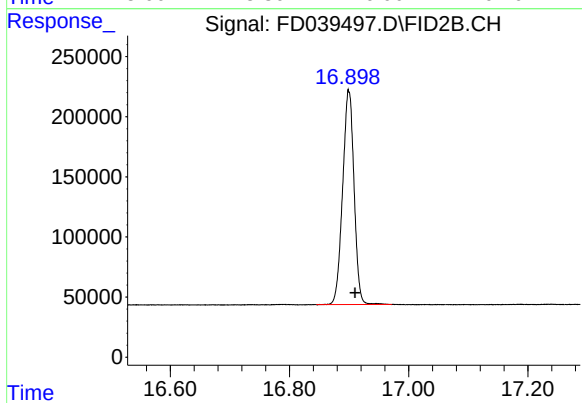
#14 n-Tetracosane (C24)

R.T.: 14.935 min
Delta R.T.: -0.011 min
Response: 2516640
Conc: 20.27 ug/ml



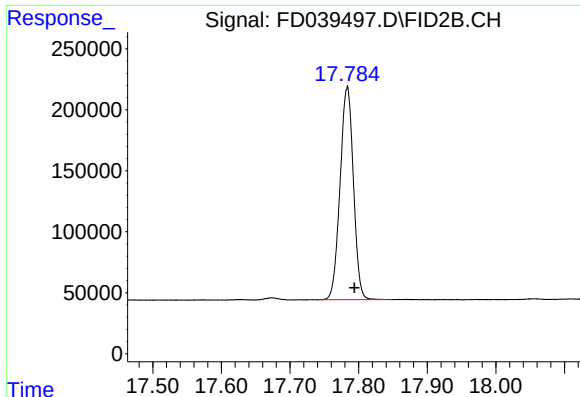
#15 n-Hexacosane (C26)

R.T.: 15.953 min
Delta R.T.: -0.010 min
Response: 2413237
Conc: 19.64 ug/ml



#16 n-Octacosane (C28)

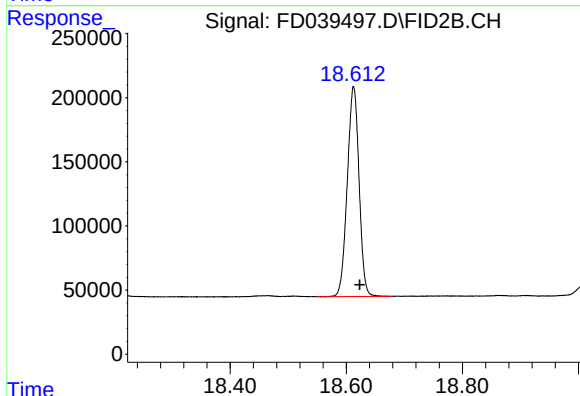
R.T.: 16.900 min
Delta R.T.: -0.010 min
Response: 2374667
Conc: 20.40 ug/ml



#17 n-Tricontane (C30)

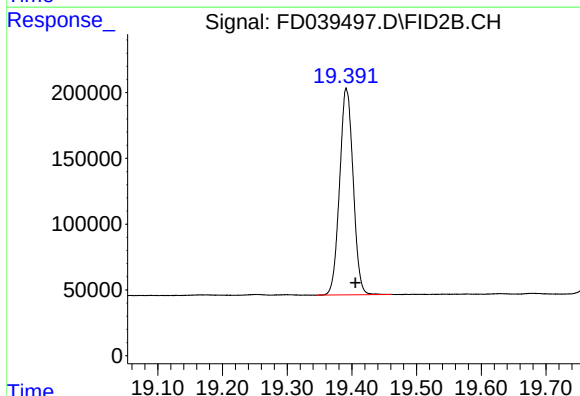
R.T.: 17.783 min
Delta R.T.: -0.011 min
Response: 2356425
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



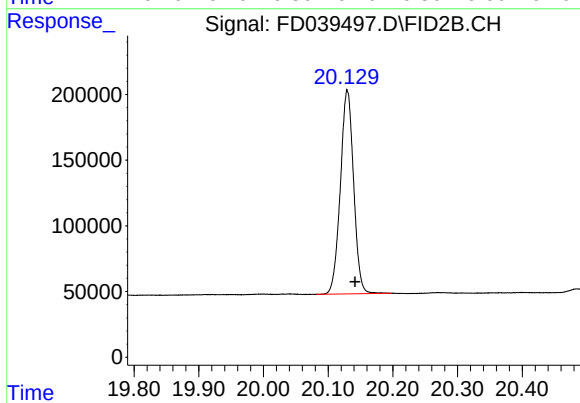
#18 n-Dotriacontane (C32)

R.T.: 18.613 min
Delta R.T.: -0.011 min
Response: 2306420
Conc: 20.17 ug/ml



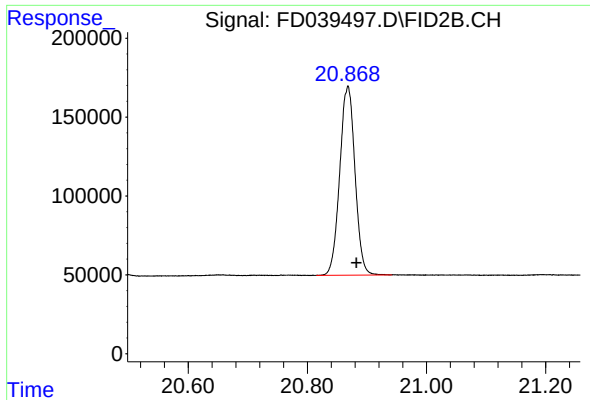
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min
Delta R.T.: -0.014 min
Response: 2280568
Conc: 21.52 ug/ml



#20 n-Hexatriacontane (C36)

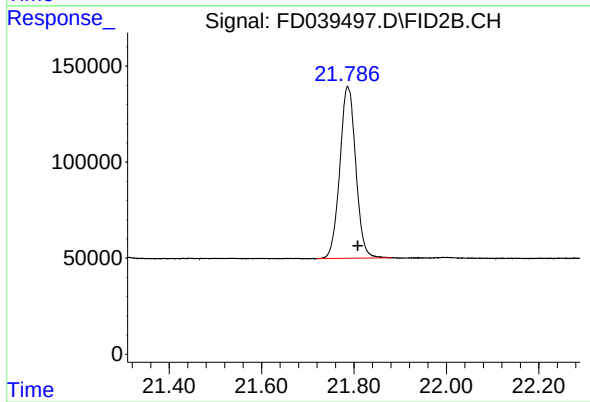
R.T.: 20.130 min
Delta R.T.: -0.012 min
Response: 2208213
Conc: 21.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.868 min
Delta R.T.: -0.015 min
Response: 2128282
Conc: 22.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.787 min
Delta R.T.: -0.022 min
Response: 2138022
Conc: 23.18 ug/ml