

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112221AL\
 Data File : FD039596.D
 Signal(s) : FID2B.CH
 Acq On : 23 Nov 2021 3:47
 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 23 04:36:47 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)	11.660	2622434	20.554 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
12) S 1-chlorooctadecane (S...	13.087	2037016	19.601 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
Target Compounds			
1) T n-Nonane (C9)	3.421	2416913	20.787 ug/ml
2) T n-Decane (C10)	4.489	2454502	20.995 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2710977	21.035 ug/ml
4) T n-Dodecane (C12)	6.505	2459898	20.790 ug/ml
5) T A~2-methylnaphthalene...	7.137	2711193	20.644 ug/ml
6) T n-Tetradecane (C14)	8.298	2470916	20.963 ug/ml
7) T n-Hexadecane (C16)	9.895	2466087	20.580 ug/ml
8) T n-Octadecane (C18)	11.335	2505039	20.468 ug/ml
10) T n-Eicosane (C20)	12.642	2447251	19.843 ug/ml
11) T n-Heneicosane (C21)	13.252	2441593	19.497 ug/ml
13) T n-Docosane (C22)	13.837	2390596	19.247 ug/ml
14) T n-Tetracosane (C24)	14.938	2335980	18.818 ug/ml
15) T n-Hexacosane (C26)	15.955	2224620	18.109 ug/ml
16) T n-Octacosane (C28)	16.901	2140451	18.386 ug/ml
17) T n-Tricontane (C30)	17.785	2097179	17.804 ug/ml
18) T n-Dotriacontane (C32)	18.615	2075663	18.155 ug/ml
19) T n-Tetratriacontane (C34)	19.395	2046141	19.304 ug/ml
20) T n-Hexatriacontane (C36)	20.132	1982269	19.459 ug/ml
21) T n-Octatriacontane (C38)	20.871	1933598	20.149 ug/ml
22) T n-Tetracontane (C40)	21.792	1983532	21.501 ug/ml

(f)=RT Delta > 1/2 Window

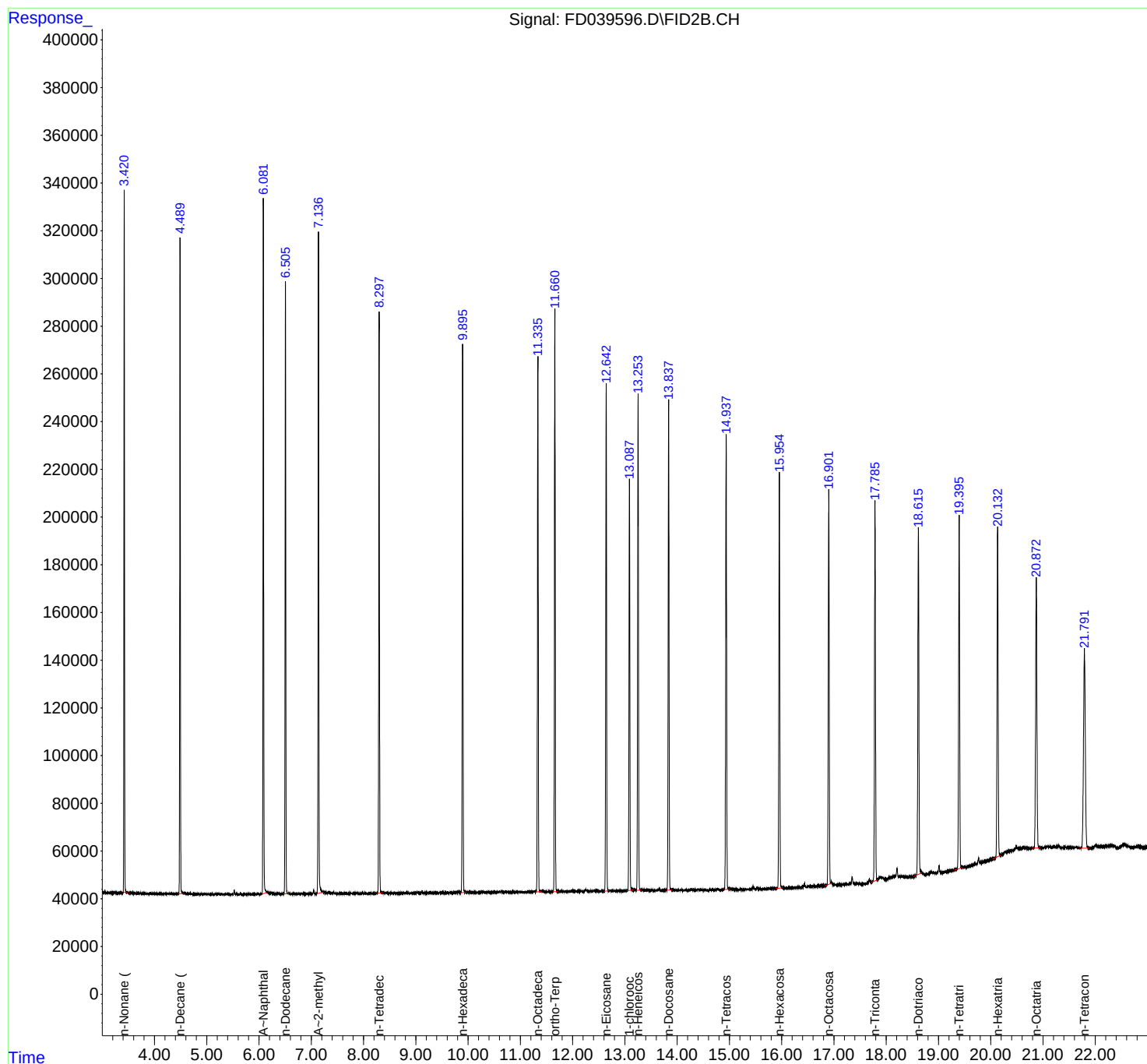
(m)=manual int.

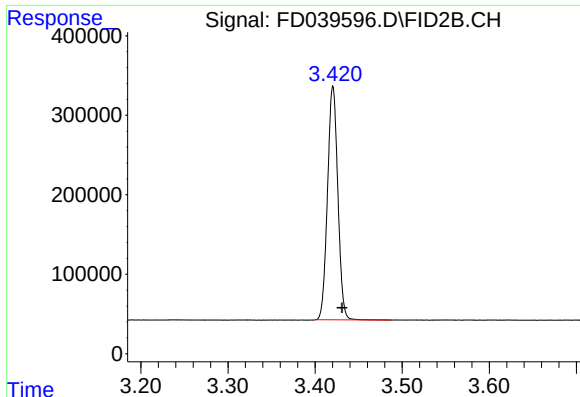
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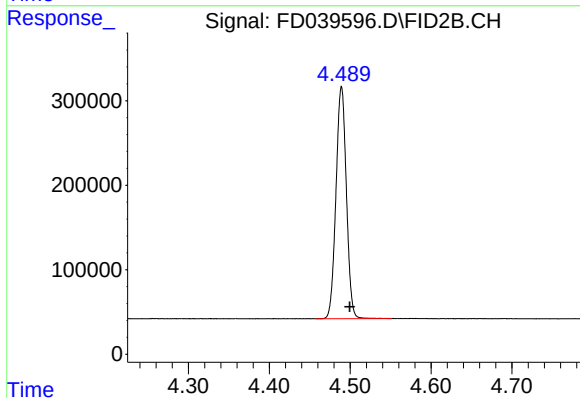




#1 n-Nonane (C9)

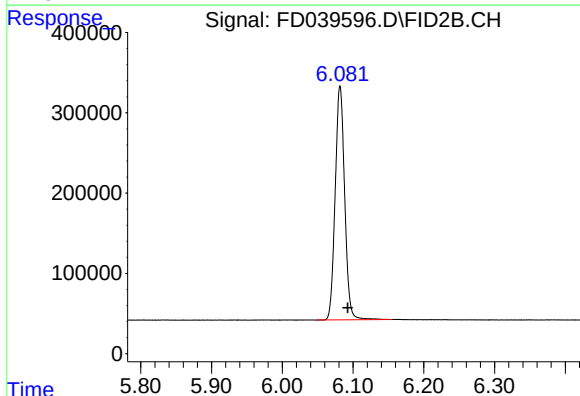
R.T.: 3.421 min
Delta R.T.: -0.010 min
Response: 2416913
Conc: 20.79 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



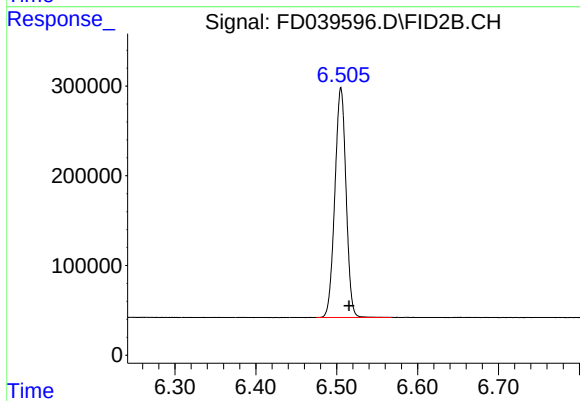
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.010 min
Response: 2454502
Conc: 20.99 ug/ml



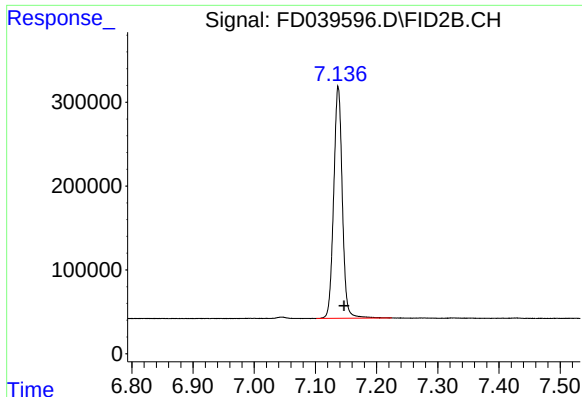
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.011 min
Response: 2710977
Conc: 21.04 ug/ml



#4 n-Dodecane (C12)

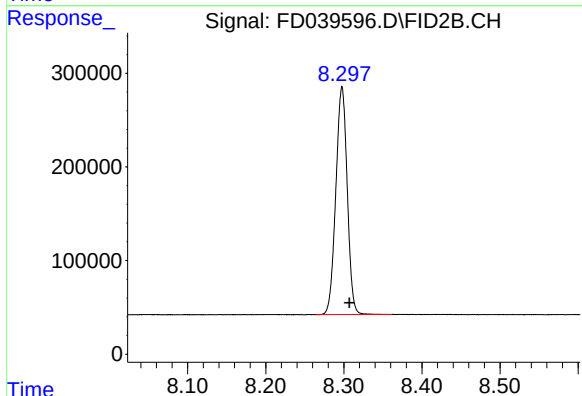
R.T.: 6.505 min
Delta R.T.: -0.010 min
Response: 2459898
Conc: 20.79 ug/ml



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

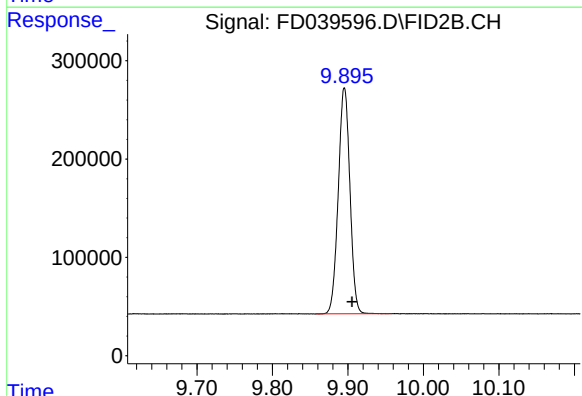
R.T.: 7.137 min
Delta R.T.: -0.009 min
Response: 2711193
Conc: 20.64 ug/ml

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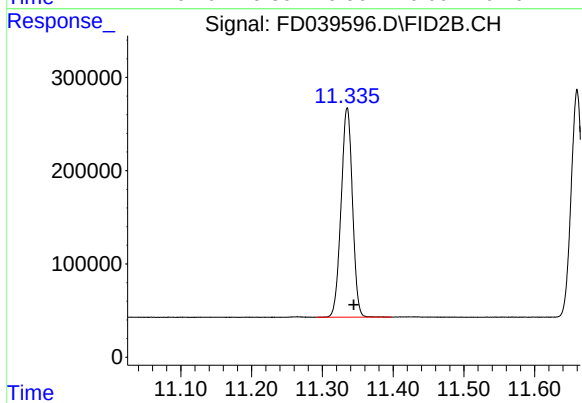
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: -0.010 min
Response: 2470916
Conc: 20.96 ug/ml



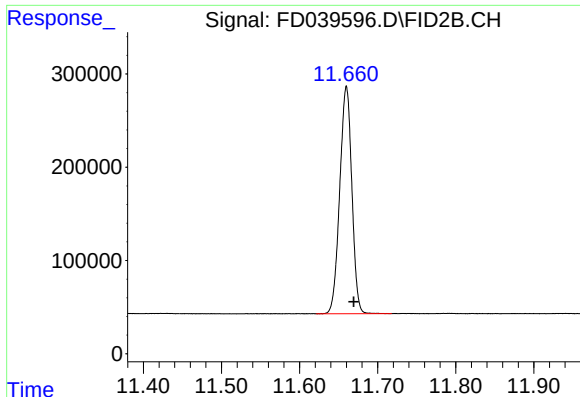
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.010 min
Response: 2466087
Conc: 20.58 ug/ml



#8 n-Octadecane (C18)

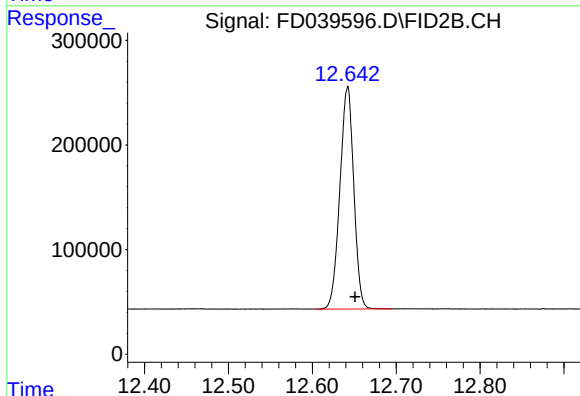
R.T.: 11.335 min
Delta R.T.: -0.009 min
Response: 2505039
Conc: 20.47 ug/ml



#9 ortho-Terphenyl (SURR)

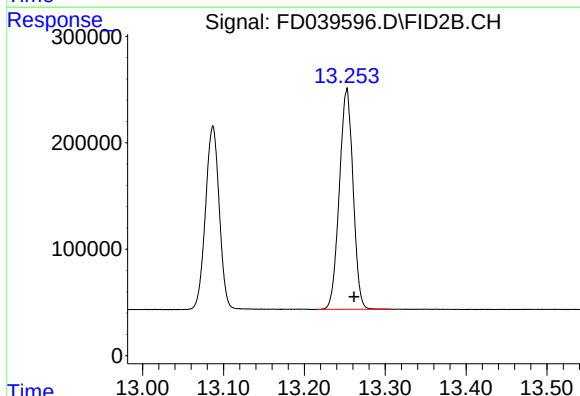
R.T.: 11.660 min
Delta R.T.: -0.010 min
Response: 2622434
Conc: 20.55 ug/ml

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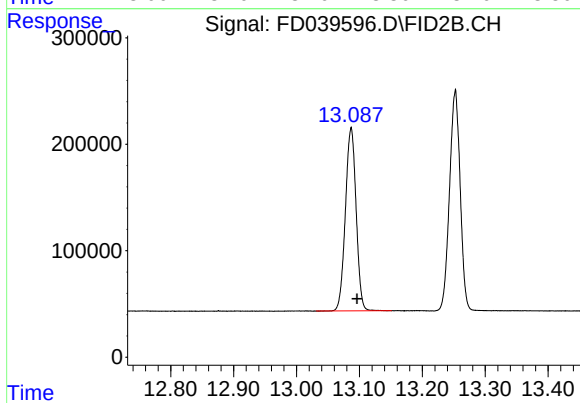
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: -0.009 min
Response: 2447251
Conc: 19.84 ug/ml



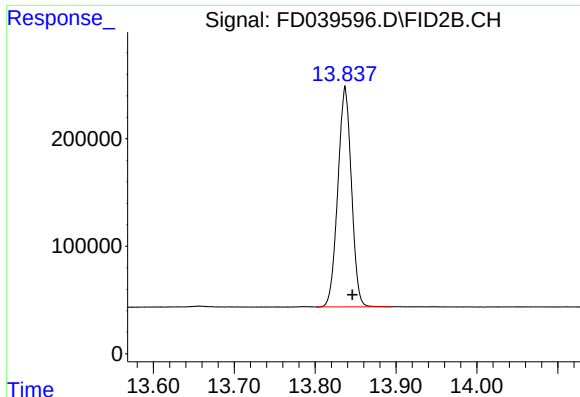
#11 n-Heneicosane (C21)

R.T.: 13.252 min
Delta R.T.: -0.009 min
Response: 2441593
Conc: 19.50 ug/ml



#12 1-chlorooctadecane (SURR)

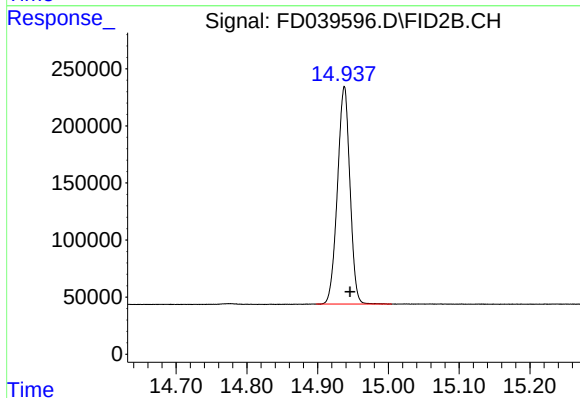
R.T.: 13.087 min
Delta R.T.: -0.010 min
Response: 2037016
Conc: 19.60 ug/ml



#13 n-Docosane (C22)

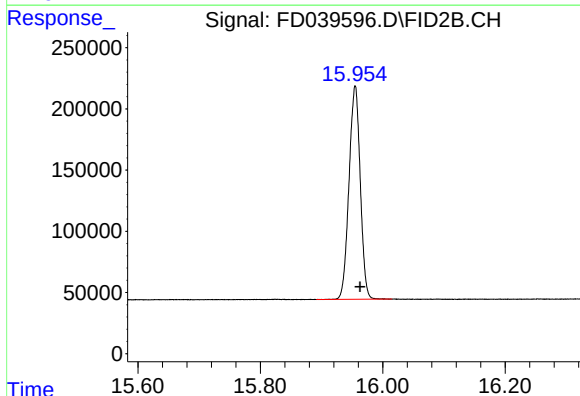
R.T.: 13.837 min
Delta R.T.: -0.009 min
Response: 2390596
Conc: 19.25 ug/ml

Instrument :
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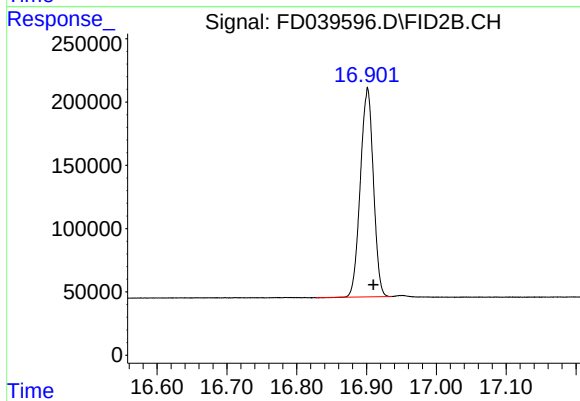
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: -0.008 min
Response: 2335980
Conc: 18.82 ug/ml



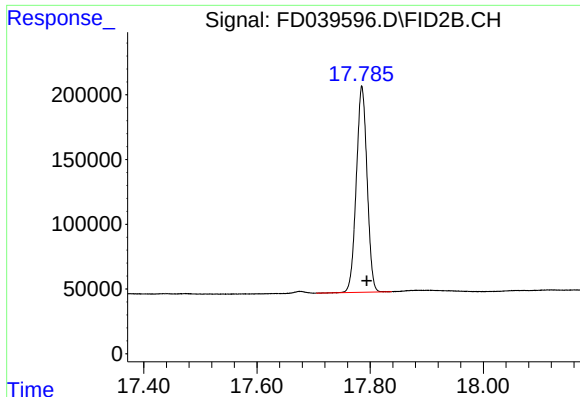
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: -0.008 min
Response: 2224620
Conc: 18.11 ug/ml



#16 n-Octacosane (C28)

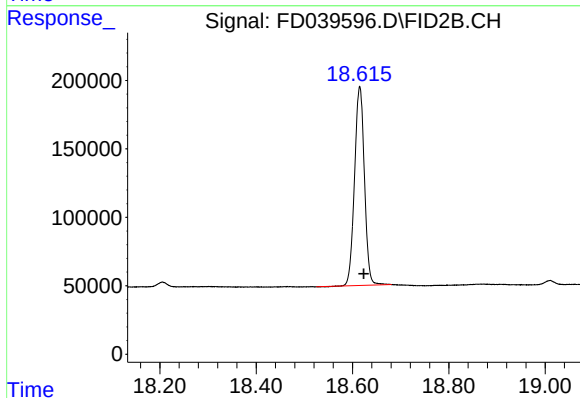
R.T.: 16.901 min
Delta R.T.: -0.009 min
Response: 2140451
Conc: 18.39 ug/ml



#17 n-Tricontane (C30)

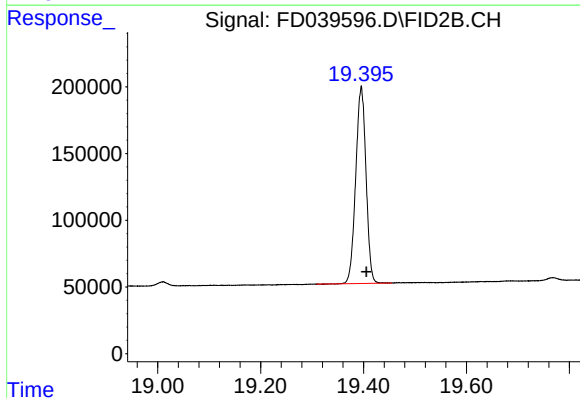
R.T.: 17.785 min
Delta R.T.: -0.009 min
Response: 2097179
Conc: 17.80 ug/ml

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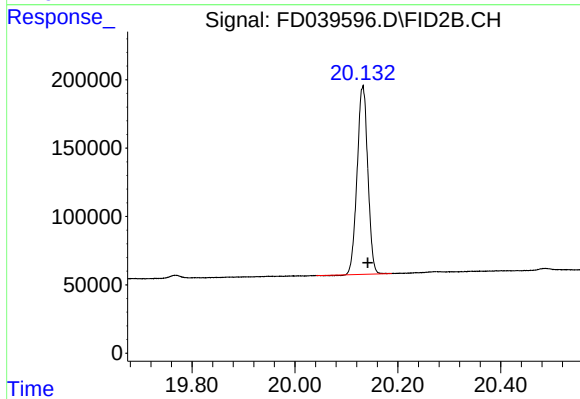
#18 n-Dotriacontane (C32)

R.T.: 18.615 min
Delta R.T.: -0.008 min
Response: 2075663
Conc: 18.15 ug/ml



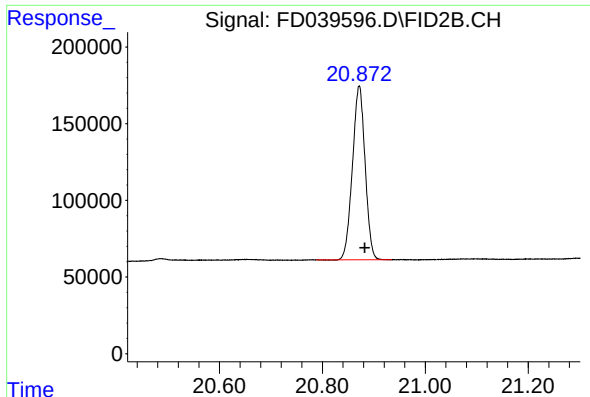
#19 n-Tetratriacontane (C34)

R.T.: 19.395 min
Delta R.T.: -0.010 min
Response: 2046141
Conc: 19.30 ug/ml



#20 n-Hexatriacontane (C36)

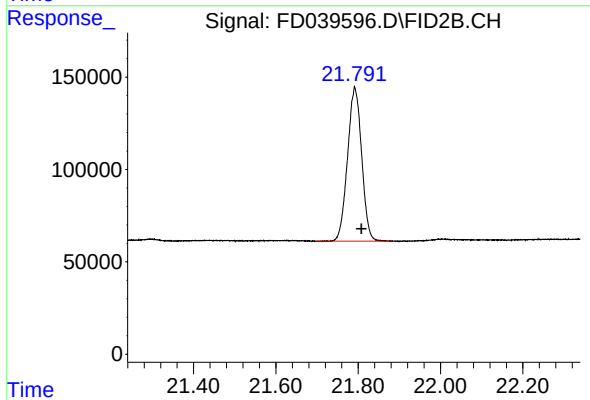
R.T.: 20.132 min
Delta R.T.: -0.010 min
Response: 1982269
Conc: 19.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.871 min
Delta R.T.: -0.011 min
Response: 1933598
Conc: 20.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.792 min
Delta R.T.: -0.017 min
Response: 1983532
Conc: 21.50 ug/ml