

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041321AL\
 Data File : FD036895.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2021 7:07
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 14 08:01:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.487	2492485	16.821 ug/ml
Spiked Amount 50.000		Recovery =	33.64%
12) S 1-chlorooctadecane (S...	12.920	1911721	16.427 ug/ml
Spiked Amount 50.000		Recovery =	32.85%
Target Compounds			
1) T n-Nonane (C9)	3.287	2478771	19.500 ug/ml
2) T n-Decane (C10)	4.348	2522095	19.573 ug/ml
3) T A~Naphthalene (C11.7)	5.922	2811324	19.255 ug/ml
4) T n-Dodecane (C12)	6.358	2579410	19.458 ug/ml
5) T A~2-methylnaphthalene...	6.975	2838805	18.960 ug/ml
6) T n-Tetradecane (C14)	8.146	2551680	18.773 ug/ml
7) T n-Hexadecane (C16)	9.740	2446772	18.372 ug/ml
8) T n-Octadecane (C18)	11.176	2446246	17.660 ug/ml
10) T n-Eicosane (C20)	12.479	2330106	16.856 ug/ml
11) T n-Heneicosane (C21)	13.088	2265662	16.457 ug/ml
13) T n-Docosane (C22)	13.671	2200259	16.176 ug/ml
14) T n-Tetracosane (C24)	14.768	2083391	15.714 ug/ml
15) T n-Hexacosane (C26)	15.784	1974976	15.598 ug/ml
16) T n-Octacosane (C28)	16.727	1924120	15.954 ug/ml
17) T n-Tricontane (C30)	17.609	1898187	16.524 ug/ml
18) T n-Dotriacontane (C32)	18.436	1878155	17.076 ug/ml
19) T n-Tetratriacontane (C34)	19.215	1884523	18.349 ug/ml
20) T n-Hexatriacontane (C36)	19.950	1843068	18.863 ug/ml
21) T n-Octatriacontane (C38)	20.659	1803222	19.504 ug/ml
22) T n-Tetracontane (C40)	21.509	1868655	18.527 ug/ml

(f)=RT Delta > 1/2 Window

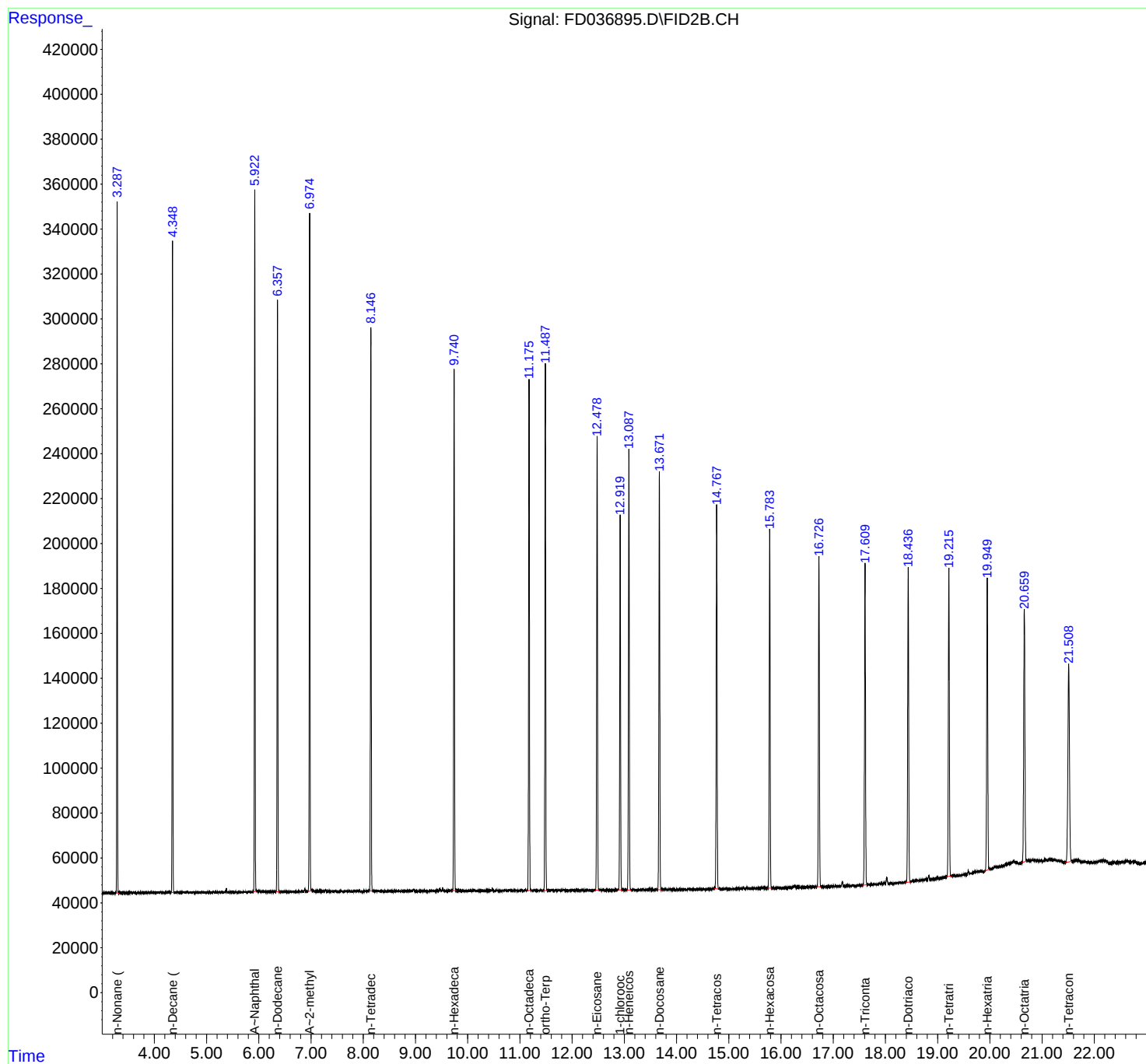
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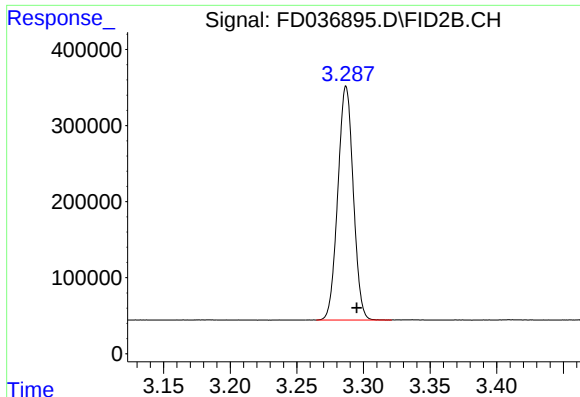
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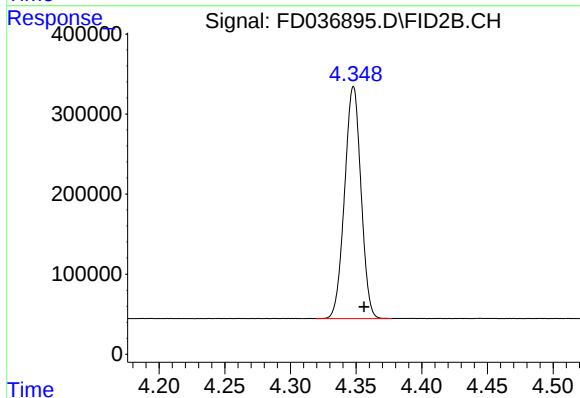




#1 n-Nonane (C9)

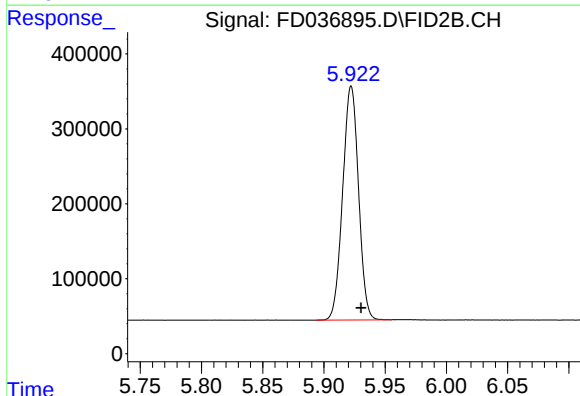
R.T.: 3.287 min
Delta R.T.: -0.008 min
Response: 2478771
Conc: 19.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



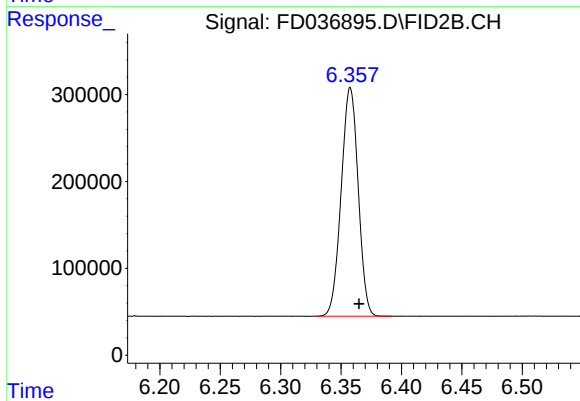
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.008 min
Response: 2522095
Conc: 19.57 ug/ml



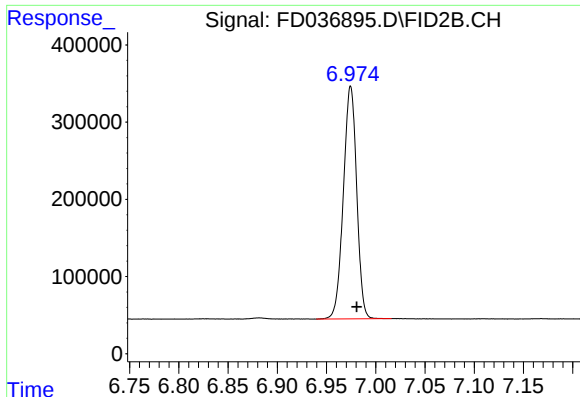
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: -0.008 min
Response: 2811324
Conc: 19.26 ug/ml



#4 n-Dodecane (C12)

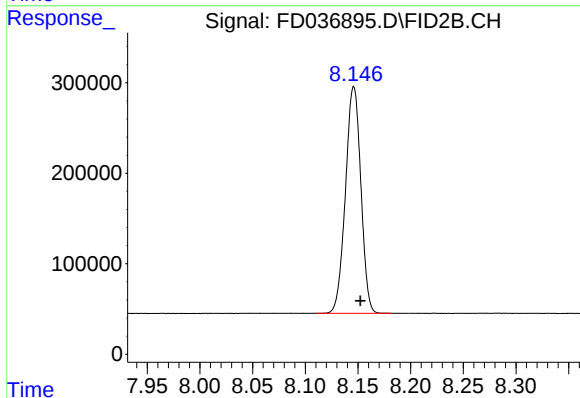
R.T.: 6.358 min
Delta R.T.: -0.007 min
Response: 2579410
Conc: 19.46 ug/ml



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

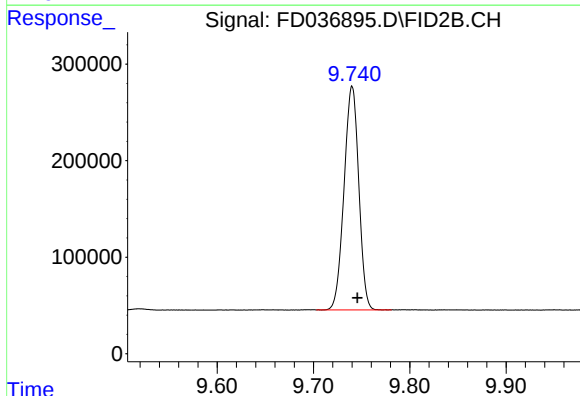
R.T.: 6.975 min
Delta R.T.: -0.006 min
Response: 2838805
Conc: 18.96 ug/ml

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20 PPM ALIPHATIC HC STD



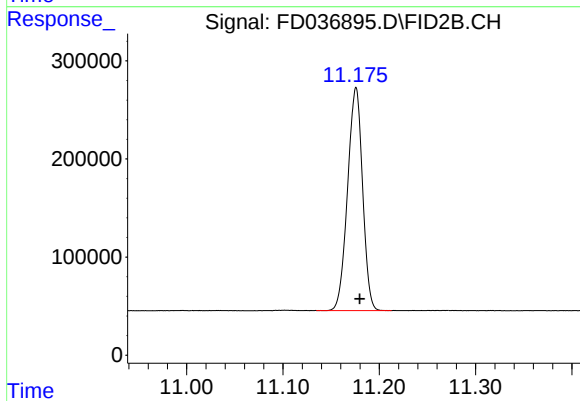
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: -0.006 min
Response: 2551680
Conc: 18.77 ug/ml



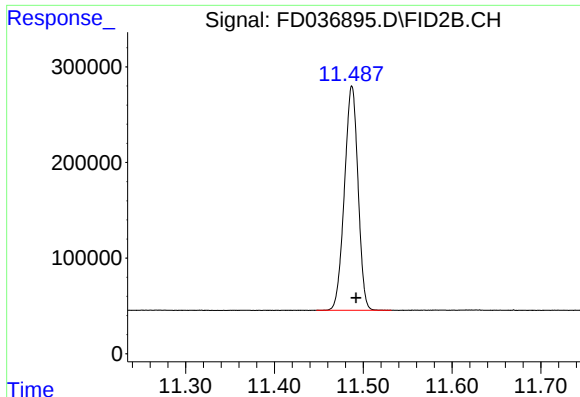
#7 n-Hexadecane (C16)

R.T.: 9.740 min
Delta R.T.: -0.006 min
Response: 2446772
Conc: 18.37 ug/ml



#8 n-Octadecane (C18)

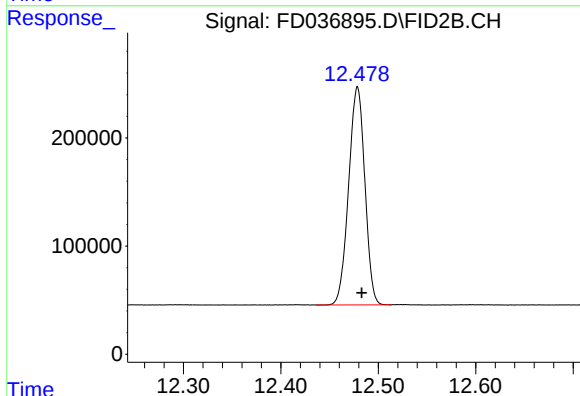
R.T.: 11.176 min
Delta R.T.: -0.004 min
Response: 2446246
Conc: 17.66 ug/ml



#9 ortho-Terphenyl (SURR)

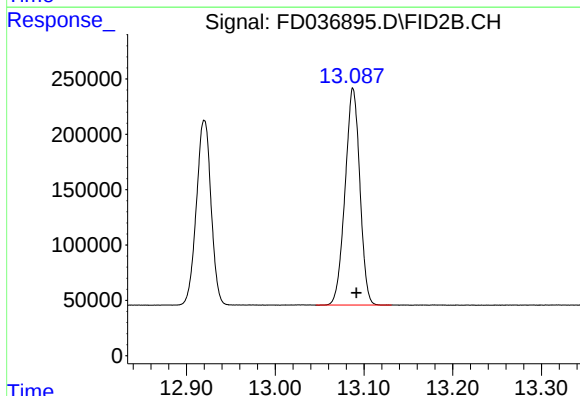
R.T.: 11.487 min
Delta R.T.: -0.005 min
Response: 2492485
Conc: 16.82 ug/ml

Instrument :
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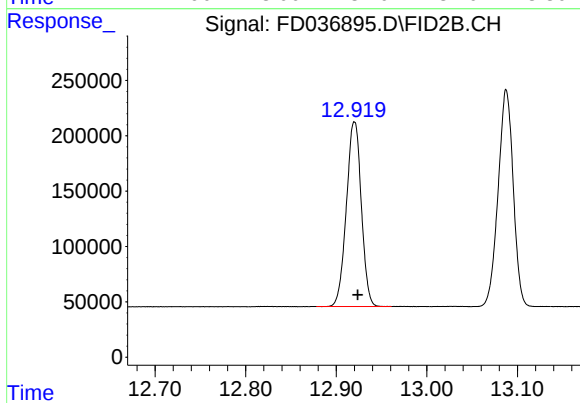
#10 n-Eicosane (C20)

R.T.: 12.479 min
Delta R.T.: -0.004 min
Response: 2330106
Conc: 16.86 ug/ml



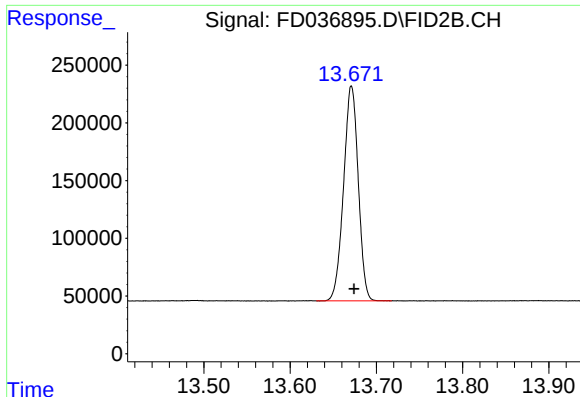
#11 n-Heneicosane (C21)

R.T.: 13.088 min
Delta R.T.: -0.004 min
Response: 2265662
Conc: 16.46 ug/ml



#12 1-chlorooctadecane (SURR)

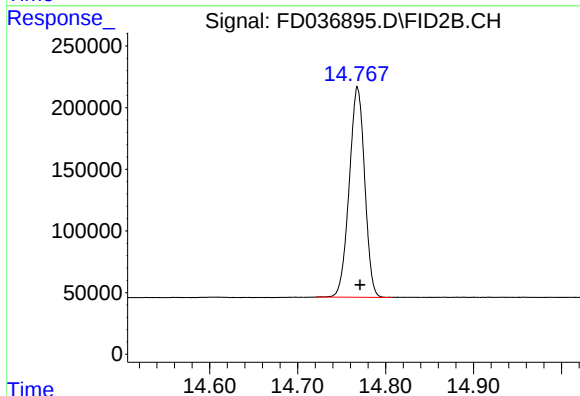
R.T.: 12.920 min
Delta R.T.: -0.004 min
Response: 1911721
Conc: 16.43 ug/ml



#13 n-Docosane (C22)

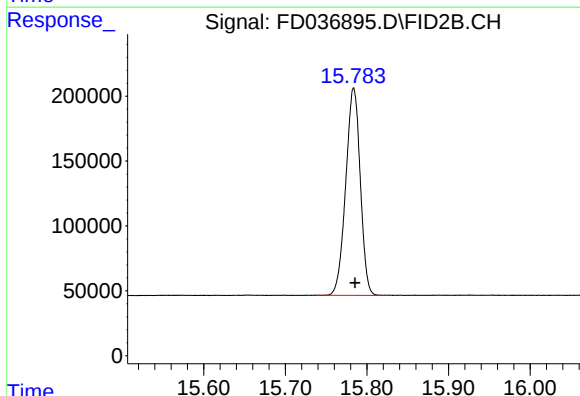
R.T.: 13.671 min
Delta R.T.: -0.003 min
Response: 2200259
Conc: 16.18 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



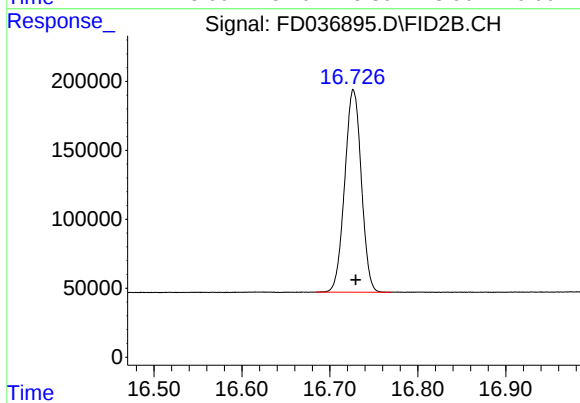
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: -0.003 min
Response: 2083391
Conc: 15.71 ug/ml



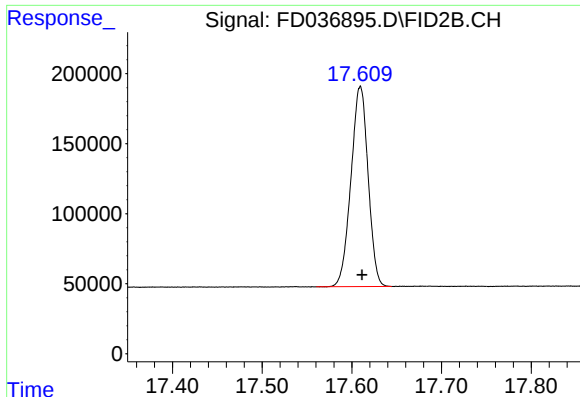
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: -0.002 min
Response: 1974976
Conc: 15.60 ug/ml



#16 n-Octacosane (C28)

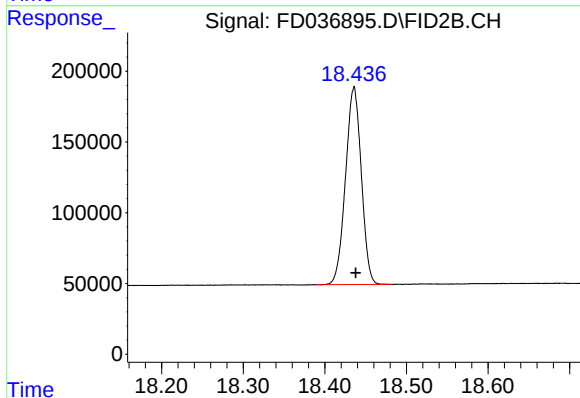
R.T.: 16.727 min
Delta R.T.: -0.003 min
Response: 1924120
Conc: 15.95 ug/ml



#17 n-Tricontane (C30)

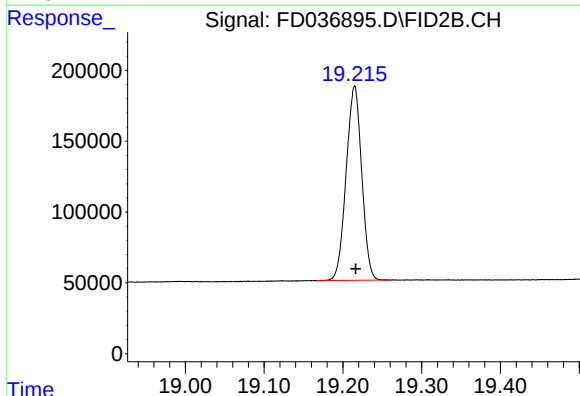
R.T.: 17.609 min
Delta R.T.: -0.002 min
Response: 1898187
Conc: 16.52 ug/ml

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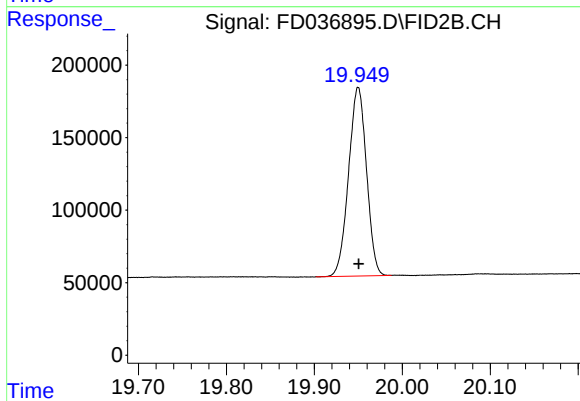
#18 n-Dotriacontane (C32)

R.T.: 18.436 min
Delta R.T.: -0.002 min
Response: 1878155
Conc: 17.08 ug/ml



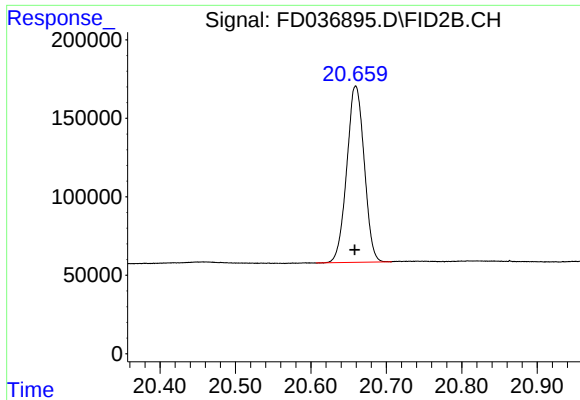
#19 n-Tetratriacontane (C34)

R.T.: 19.215 min
Delta R.T.: -0.001 min
Response: 1884523
Conc: 18.35 ug/ml



#20 n-Hexatriacontane (C36)

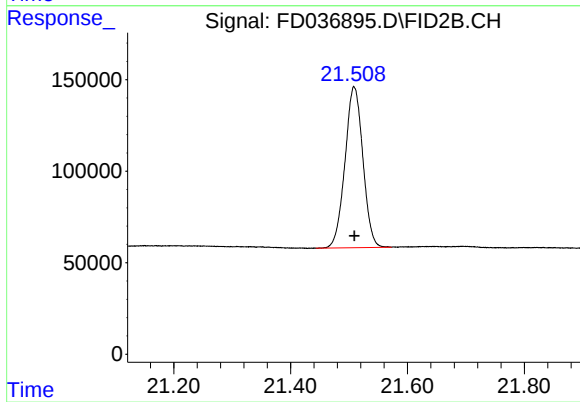
R.T.: 19.950 min
Delta R.T.: 0.000 min
Response: 1843068
Conc: 18.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.659 min
Delta R.T.: 0.001 min
Response: 1803222
Conc: 19.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.509 min
Delta R.T.: 0.000 min
Response: 1868655
Conc: 18.53 ug/ml