

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060421AL\
 Data File : FD037726.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jun 2021 19:35
 Operator : DD\AJ
 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: Jun 07 01:13:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.455	2299939	19.613 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
12) S 1-chlorooctadecane (S...	12.890	1766022	19.435 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.252	2000307	19.825 ug/ml
2) T n-Decane (C10)	4.315	2045882	20.164 ug/ml
3) T A~Naphthalene (C11.7)	5.890	2367439	20.791 ug/ml
4) T n-Dodecane (C12)	6.326	2140830	20.708 ug/ml
5) T A~2-methylnaphthalene...	6.943	2429541	20.986 ug/ml
6) T n-Tetradecane (C14)	8.114	2183269	20.948 ug/ml
7) T n-Hexadecane (C16)	9.708	2155040	20.885 ug/ml
8) T n-Octadecane (C18)	11.144	2212401	20.477 ug/ml
10) T n-Eicosane (C20)	12.448	2176833	19.974 ug/ml
11) T n-Heneicosane (C21)	13.057	2138077	19.640 ug/ml
13) T n-Docosane (C22)	13.640	2145984	19.754 ug/ml
14) T n-Tetracosane (C24)	14.739	2190070	20.212 ug/ml
15) T n-Hexacosane (C26)	15.755	2142397	20.113 ug/ml
16) T n-Octacosane (C28)	16.701	2162683	20.412 ug/ml
17) T n-Tricontane (C30)	17.583	2198733	20.885 ug/ml
18) T n-Dotriacontane (C32)	18.412	2170326	20.836 ug/ml
19) T n-Tetratriacontane (C34)	19.192	2066691	20.333 ug/ml
20) T n-Hexatriacontane (C36)	19.928	1945082	19.941 ug/ml
21) T n-Octatriacontane (C38)	20.637	1868752	20.327 ug/ml
22) T n-Tetracontane (C40)	21.480	1894879	19.678 ug/ml

(f)=RT Delta > 1/2 Window

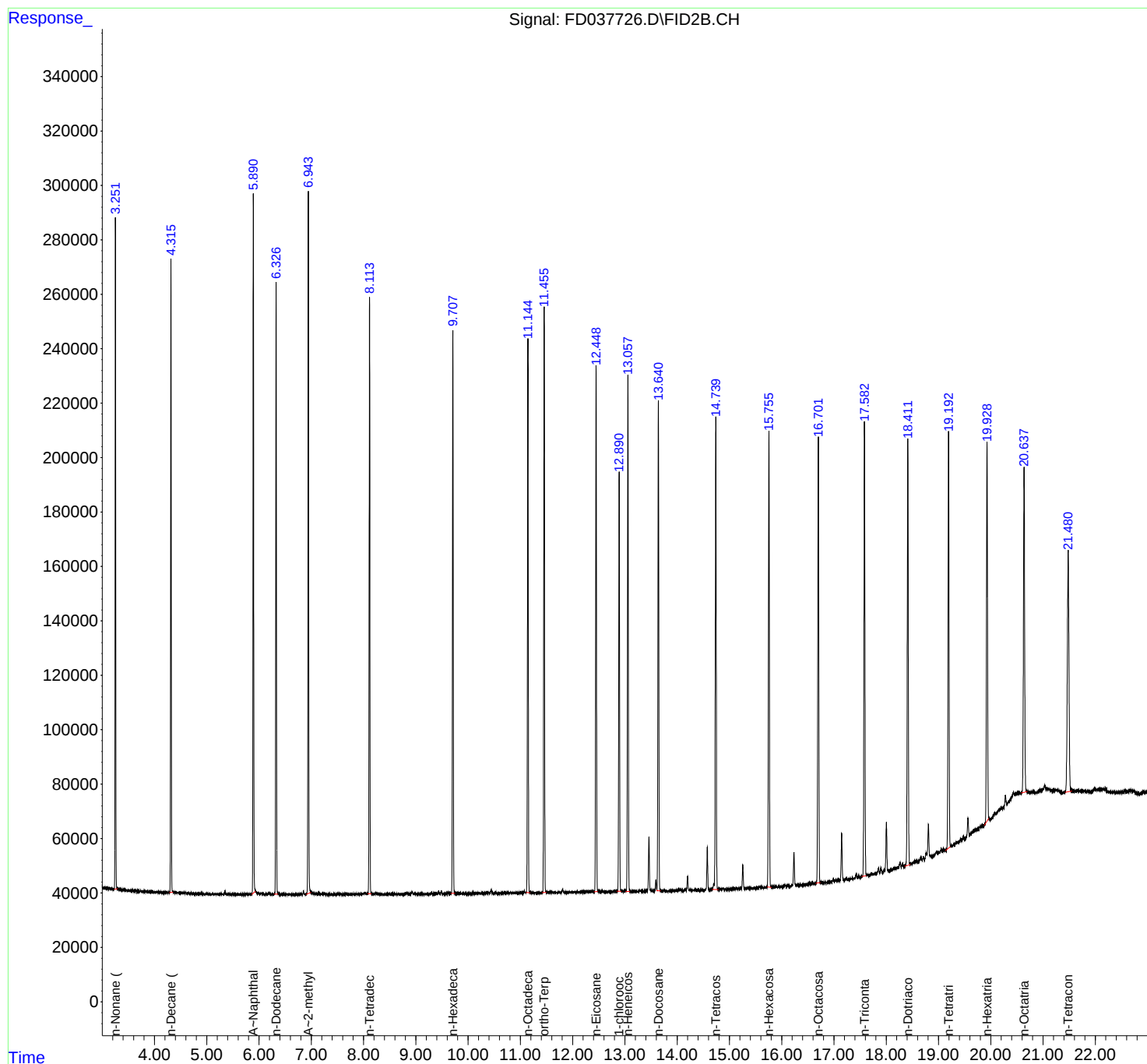
(m)=manual int.

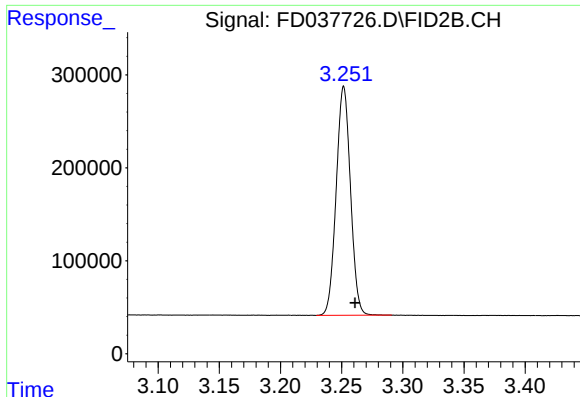
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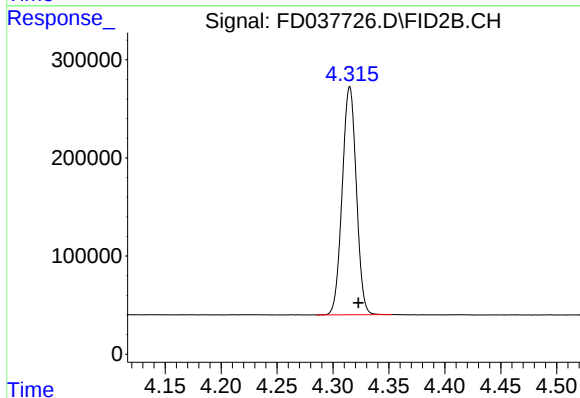




#1 n-Nonane (C9)

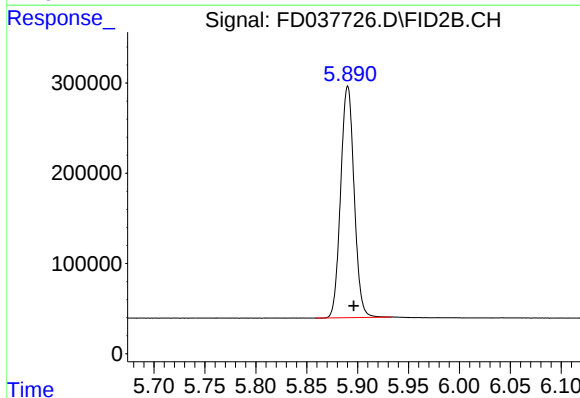
R.T.: 3.252 min
Delta R.T.: -0.009 min
Response: 2000307
Conc: 19.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



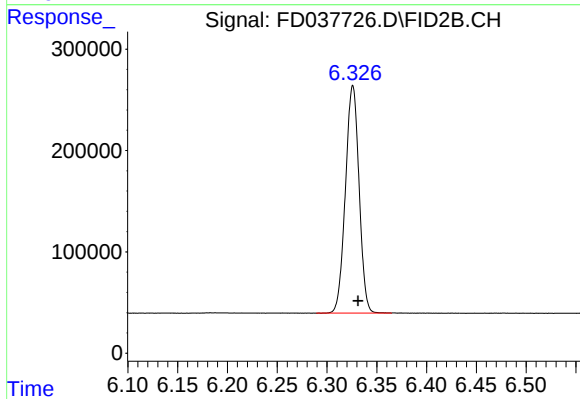
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: -0.008 min
Response: 2045882
Conc: 20.16 ug/ml



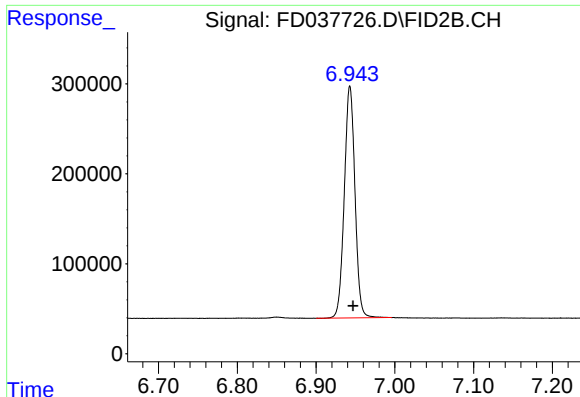
#3 A~Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 2367439
Conc: 20.79 ug/ml



#4 n-Dodecane (C12)

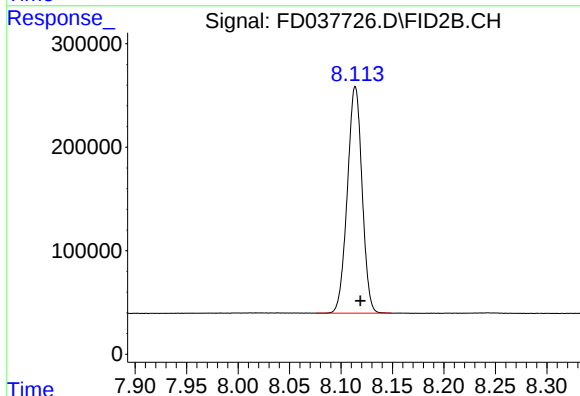
R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 2140830
Conc: 20.71 ug/ml



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

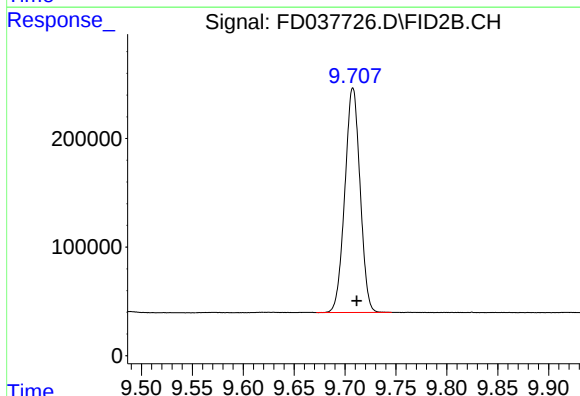
R.T.: 6.943 min
Delta R.T.: -0.004 min
Response: 2429541
Conc: 20.99 ug/ml

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20 PPM ALIPHATIC HC STD



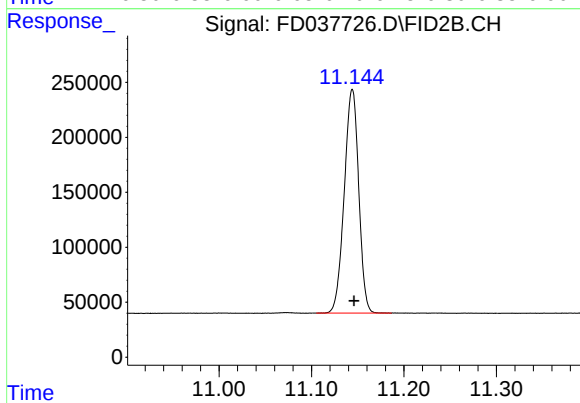
#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: -0.005 min
Response: 2183269
Conc: 20.95 ug/ml



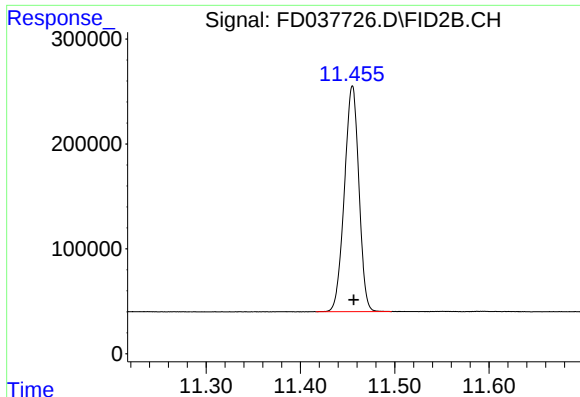
#7 n-Hexadecane (C16)

R.T.: 9.708 min
Delta R.T.: -0.004 min
Response: 2155040
Conc: 20.89 ug/ml



#8 n-Octadecane (C18)

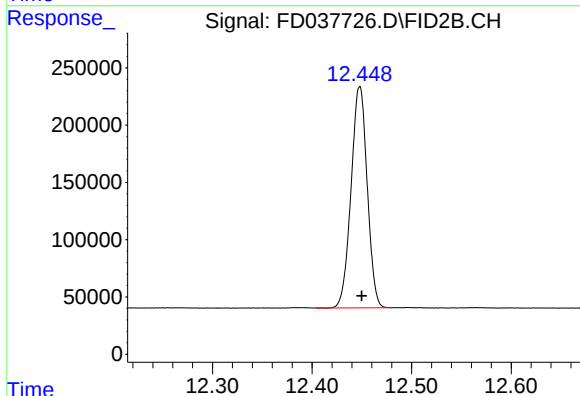
R.T.: 11.144 min
Delta R.T.: -0.002 min
Response: 2212401
Conc: 20.48 ug/ml



#9 ortho-Terphenyl (SURR)

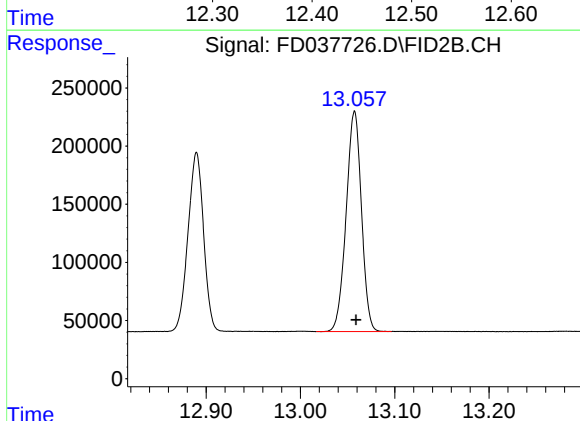
R.T.: 11.455 min
Delta R.T.: -0.001 min
Response: 2299939
Conc: 19.61 ug/ml

Instrument :
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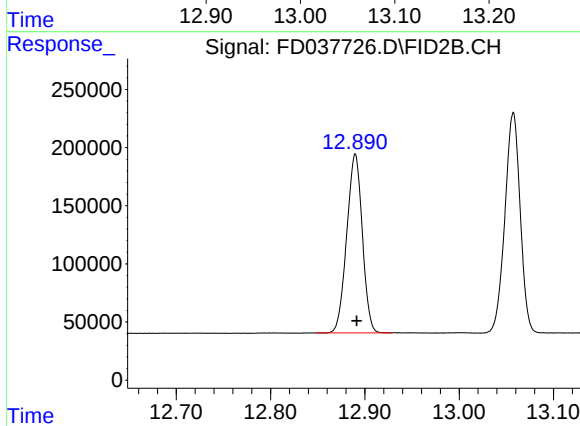
#10 n-Eicosane (C20)

R.T.: 12.448 min
Delta R.T.: -0.002 min
Response: 2176833
Conc: 19.97 ug/ml



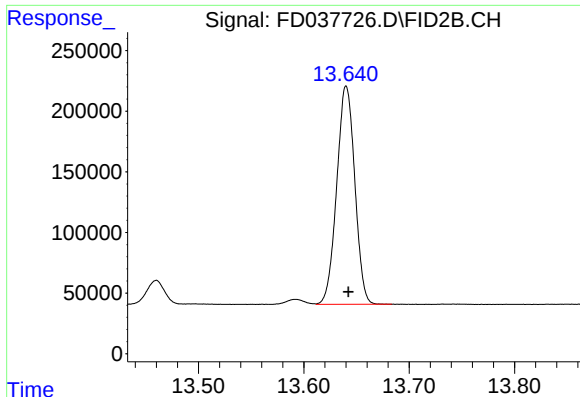
#11 n-Heneicosane (C21)

R.T.: 13.057 min
Delta R.T.: -0.001 min
Response: 2138077
Conc: 19.64 ug/ml



#12 1-chlorooctadecane (SURR)

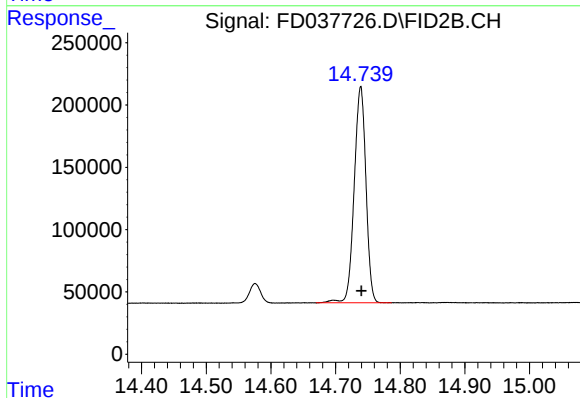
R.T.: 12.890 min
Delta R.T.: -0.001 min
Response: 1766022
Conc: 19.44 ug/ml



#13 n-Docosane (C22)

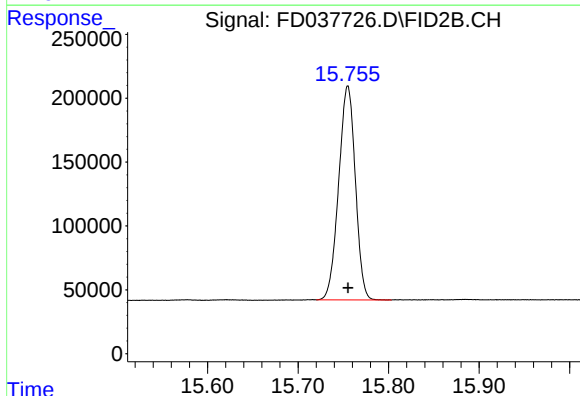
R.T.: 13.640 min
Delta R.T.: -0.002 min
Response: 2145984
Conc: 19.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



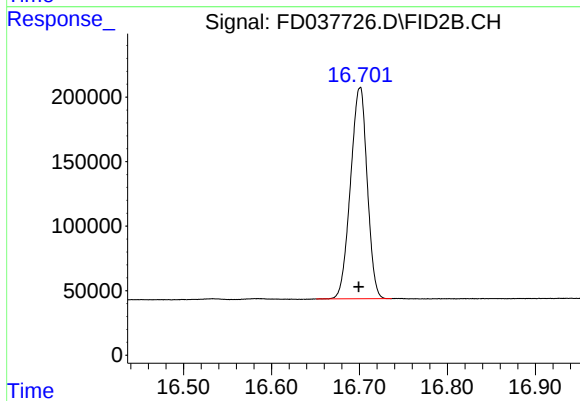
#14 n-Tetracosane (C24)

R.T.: 14.739 min
Delta R.T.: 0.000 min
Response: 2190070
Conc: 20.21 ug/ml



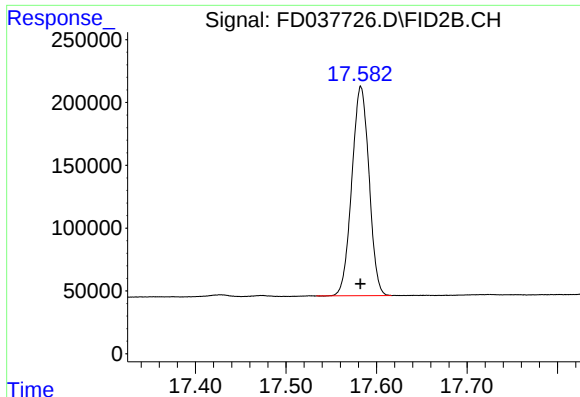
#15 n-Hexacosane (C26)

R.T.: 15.755 min
Delta R.T.: 0.000 min
Response: 2142397
Conc: 20.11 ug/ml



#16 n-Octacosane (C28)

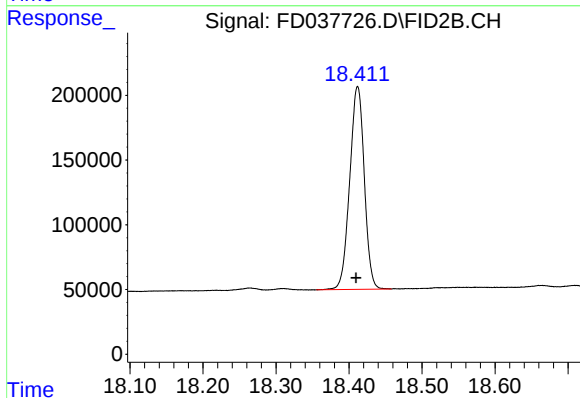
R.T.: 16.701 min
Delta R.T.: 0.002 min
Response: 2162683
Conc: 20.41 ug/ml



#17 n-Tricontane (C30)

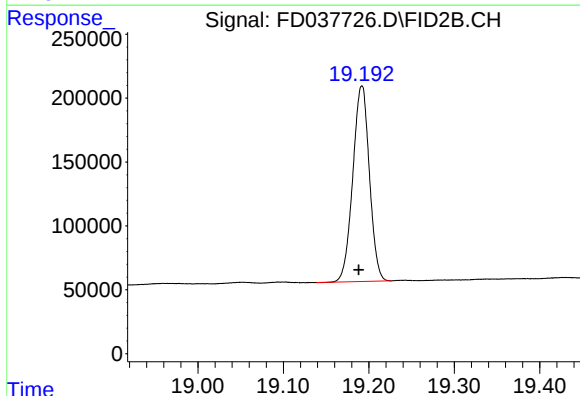
R.T.: 17.583 min
Delta R.T.: 0.000 min
Response: 2198733
Conc: 20.88 ug/ml

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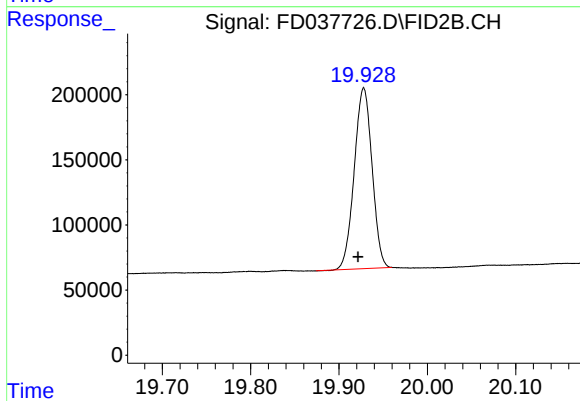
#18 n-Dotriacontane (C32)

R.T.: 18.412 min
Delta R.T.: 0.002 min
Response: 2170326
Conc: 20.84 ug/ml



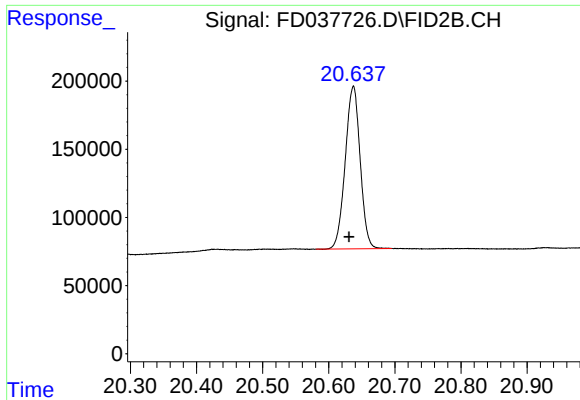
#19 n-Tetratriacontane (C34)

R.T.: 19.192 min
Delta R.T.: 0.004 min
Response: 2066691
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

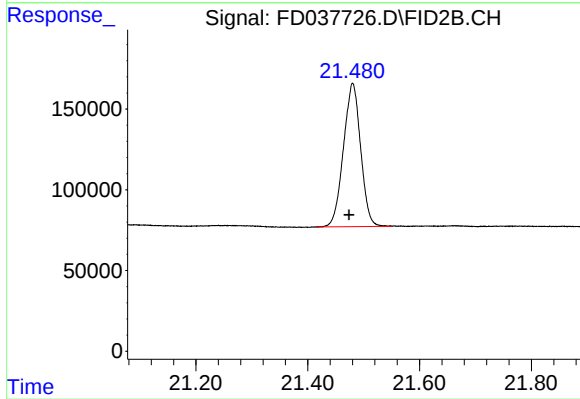
R.T.: 19.928 min
Delta R.T.: 0.007 min
Response: 1945082
Conc: 19.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.637 min
Delta R.T.: 0.007 min
Response: 1868752
Conc: 20.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.480 min
Delta R.T.: 0.007 min
Response: 1894879
Conc: 19.68 ug/ml