

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041321AL\
 Data File : FD036885.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2021 00:49
 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 03:58:44 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	2489824	16.804 ug/ml
Spiked Amount 50.000		Recovery =	33.61%
12) S 1-chlorooctadecane (S...	12.920	1904203	16.362 ug/ml
Spiked Amount 50.000		Recovery =	32.72%
Target Compounds			
1) T n-Nonane (C9)	3.287	2473229	19.457 ug/ml
2) T n-Decane (C10)	4.348	2514307	19.513 ug/ml
3) T A~Naphthalene (C11.7)	5.923	2803615	19.202 ug/ml
4) T n-Dodecane (C12)	6.359	2578291	19.450 ug/ml
5) T A~2-methylnaphthalene...	6.976	2831078	18.908 ug/ml
6) T n-Tetradecane (C14)	8.146	2551624	18.773 ug/ml
7) T n-Hexadecane (C16)	9.740	2453371	18.422 ug/ml
8) T n-Octadecane (C18)	11.176	2448735	17.678 ug/ml
10) T n-Eicosane (C20)	12.479	2329108	16.849 ug/ml
11) T n-Heneicosane (C21)	13.088	2262276	16.432 ug/ml
13) T n-Docosane (C22)	13.671	2193932	16.129 ug/ml
14) T n-Tetracosane (C24)	14.767	2070803	15.619 ug/ml
15) T n-Hexacosane (C26)	15.782	1962386	15.499 ug/ml
16) T n-Octacosane (C28)	16.727	1907924	15.820 ug/ml
17) T n-Tricontane (C30)	17.610	1885230	16.411 ug/ml
18) T n-Dotriacontane (C32)	18.438	1860216	16.913 ug/ml
19) T n-Tetratriacontane (C34)	19.216	1869721	18.205 ug/ml
20) T n-Hexatriacontane (C36)	19.952	1841666	18.849 ug/ml
21) T n-Octatriacontane (C38)	20.661	1793635	19.400 ug/ml
22) T n-Tetracontane (C40)	21.511	1865702	18.497 ug/ml

(f)=RT Delta > 1/2 Window

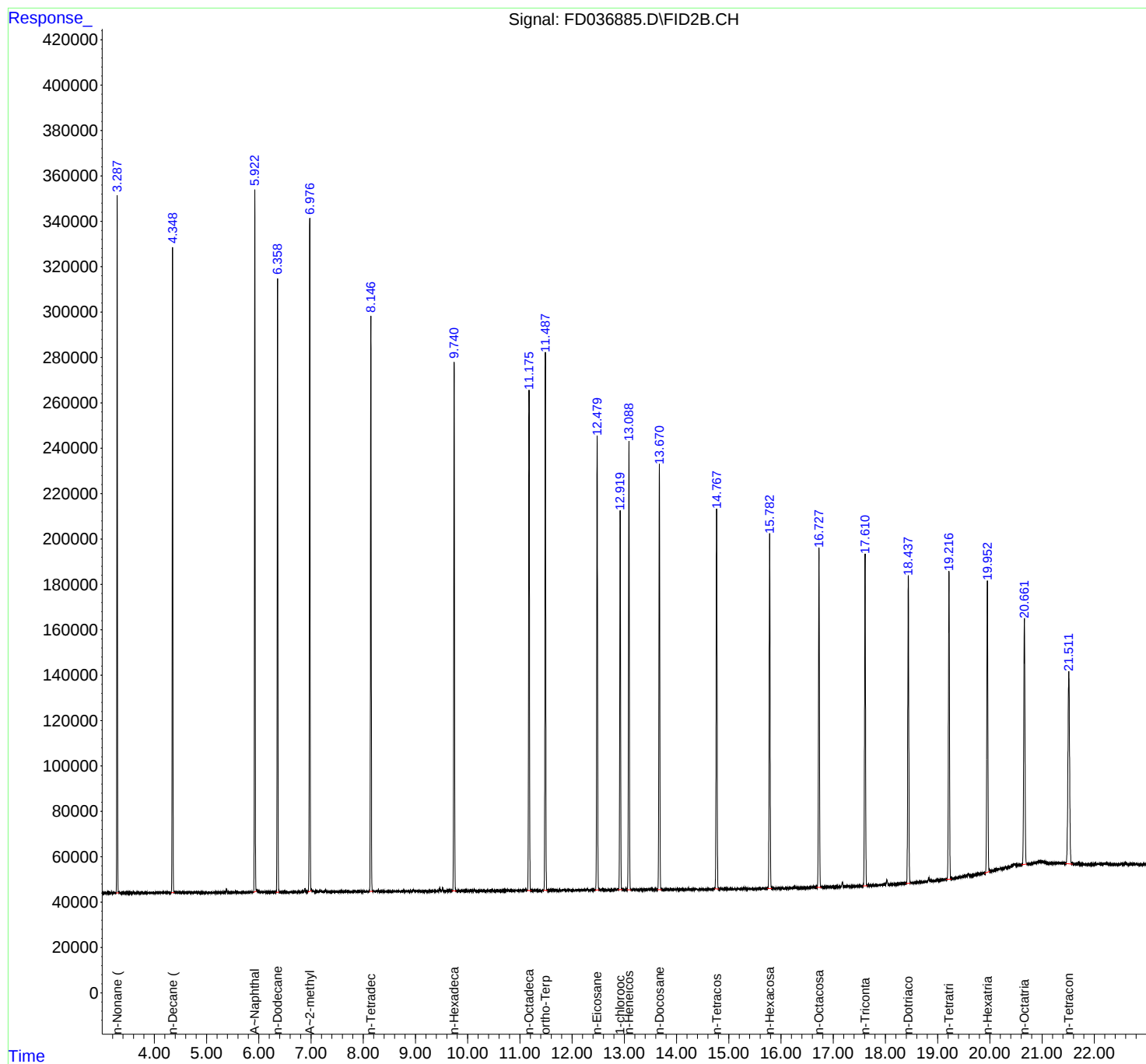
(m)=manual int.

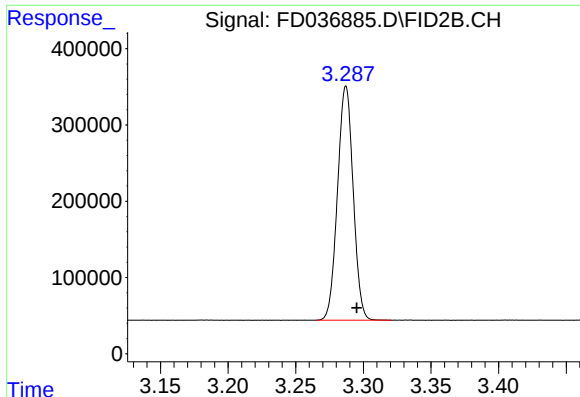
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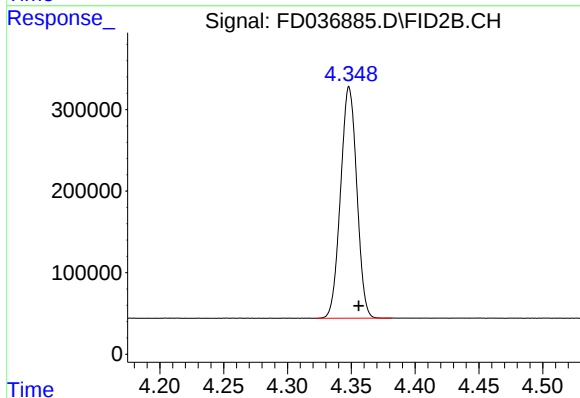




#1 n-Nonane (C9)

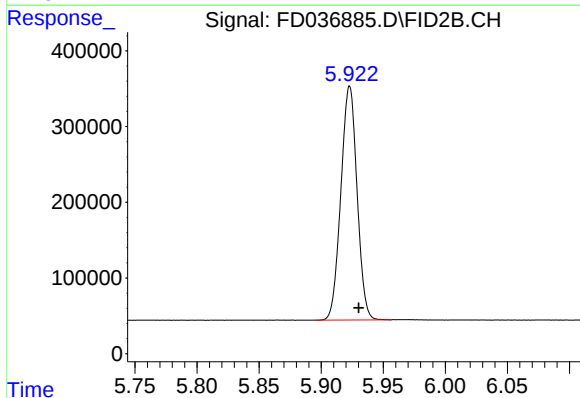
R.T.: 3.287 min
Delta R.T.: -0.008 min
Response: 2473229
Conc: 19.46 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



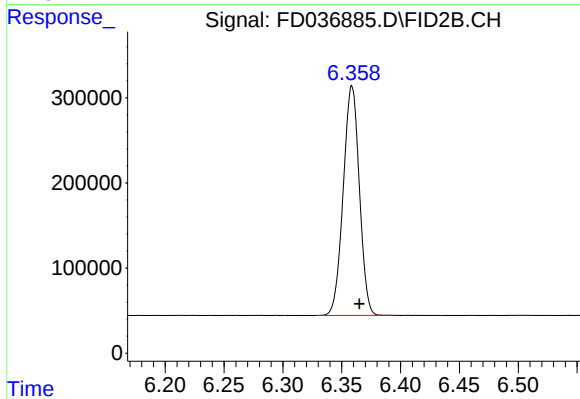
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.008 min
Response: 2514307
Conc: 19.51 ug/ml



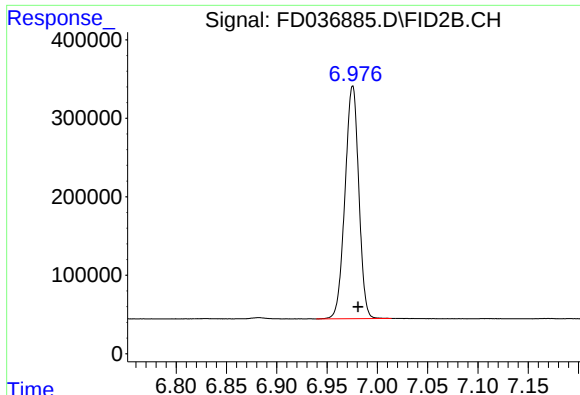
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.007 min
Response: 2803615
Conc: 19.20 ug/ml



#4 n-Dodecane (C12)

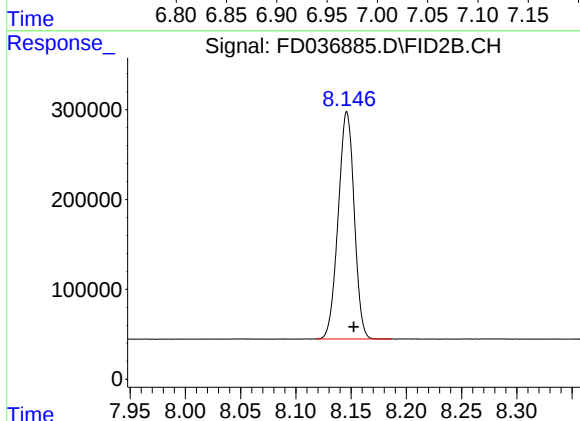
R.T.: 6.359 min
Delta R.T.: -0.006 min
Response: 2578291
Conc: 19.45 ug/ml



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

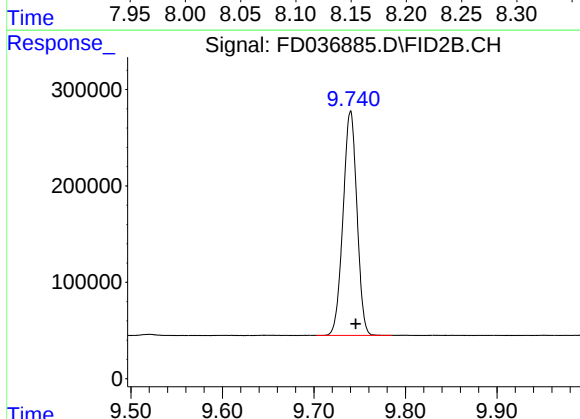
R.T.: 6.976 min
Delta R.T.: -0.005 min
Response: 2831078
Conc: 18.91 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



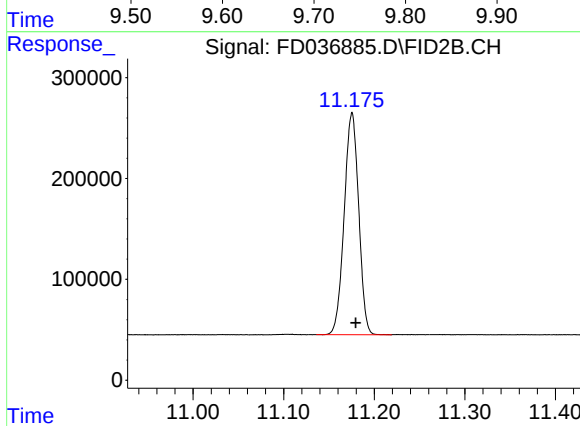
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: -0.006 min
Response: 2551624
Conc: 18.77 ug/ml



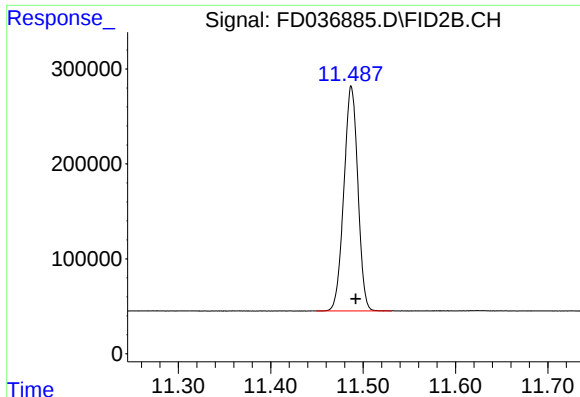
#7 n-Hexadecane (C16)

R.T.: 9.740 min
Delta R.T.: -0.005 min
Response: 2453371
Conc: 18.42 ug/ml



#8 n-Octadecane (C18)

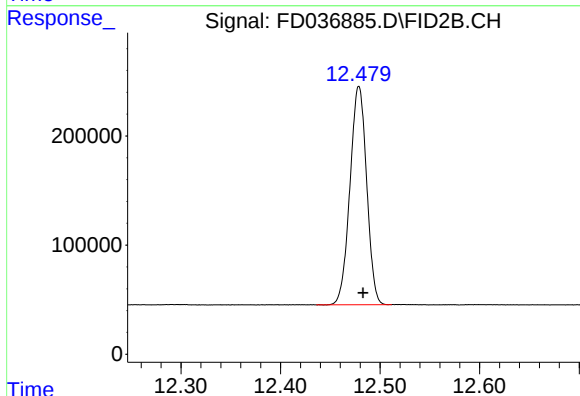
R.T.: 11.176 min
Delta R.T.: -0.004 min
Response: 2448735
Conc: 17.68 ug/ml



#9 ortho-Terphenyl (SURR)

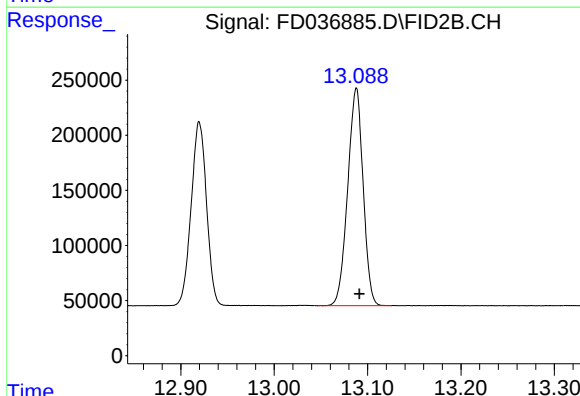
R.T.: 11.487 min
Delta R.T.: -0.005 min
Response: 2489824
Conc: 16.80 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



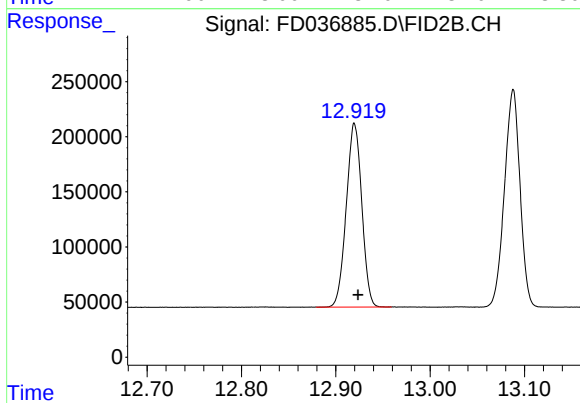
#10 n-Eicosane (C20)

R.T.: 12.479 min
Delta R.T.: -0.004 min
Response: 2329108
Conc: 16.85 ug/ml



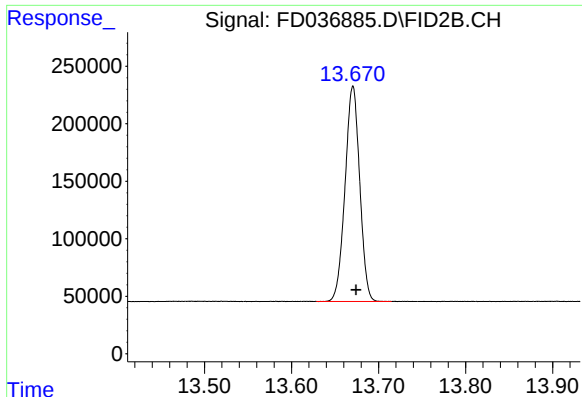
#11 n-Heneicosane (C21)

R.T.: 13.088 min
Delta R.T.: -0.003 min
Response: 2262276
Conc: 16.43 ug/ml



#12 1-chlorooctadecane (SURR)

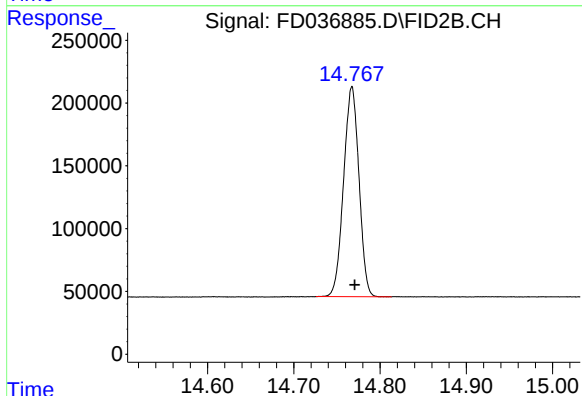
R.T.: 12.920 min
Delta R.T.: -0.004 min
Response: 1904203
Conc: 16.36 ug/ml



#13 n-Docosane (C22)

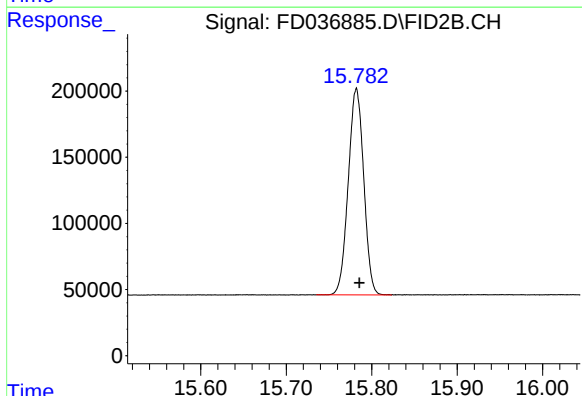
R.T.: 13.671 min
Delta R.T.: -0.003 min
Response: 2193932
Conc: 16.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



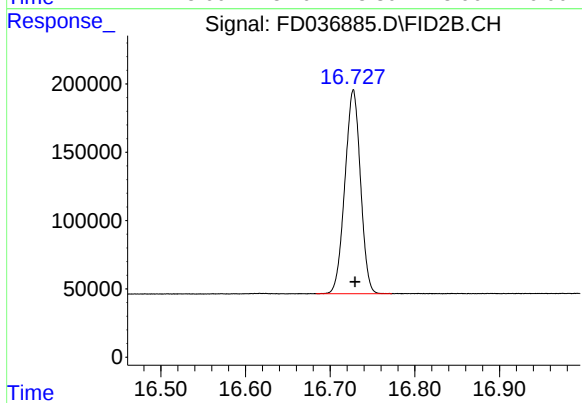
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: -0.003 min
Response: 2070803
Conc: 15.62 ug/ml



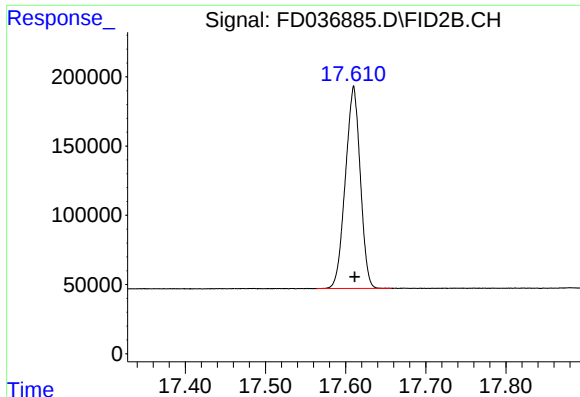
#15 n-Hexacosane (C26)

R.T.: 15.782 min
Delta R.T.: -0.003 min
Response: 1962386
Conc: 15.50 ug/ml



#16 n-Octacosane (C28)

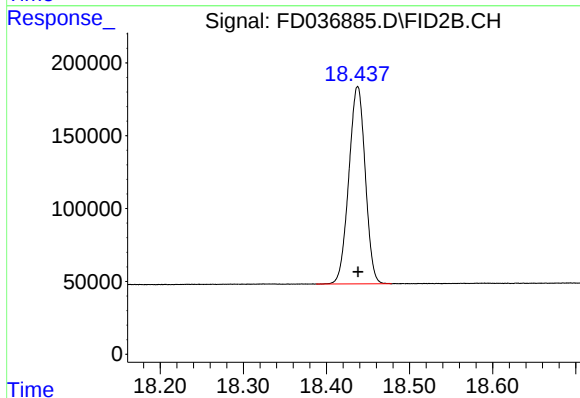
R.T.: 16.727 min
Delta R.T.: -0.002 min
Response: 1907924
Conc: 15.82 ug/ml



#17 n-Tricontane (C30)

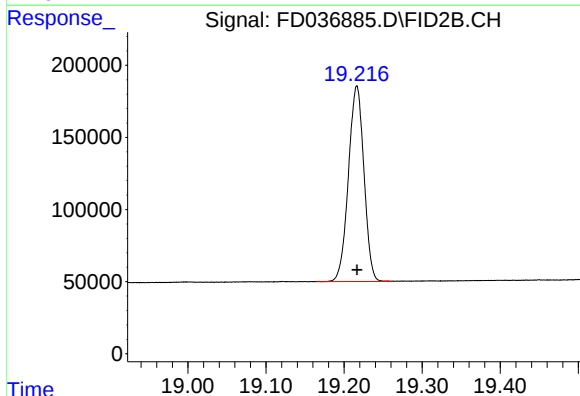
R.T.: 17.610 min
Delta R.T.: -0.001 min
Response: 1885230
Conc: 16.41 ug/ml

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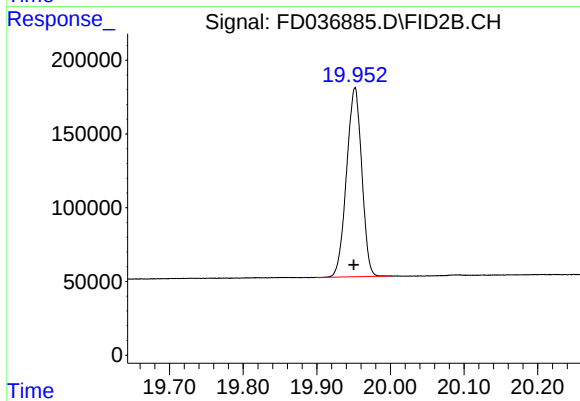
#18 n-Dotriacontane (C32)

R.T.: 18.438 min
Delta R.T.: 0.000 min
Response: 1860216
Conc: 16.91 ug/ml



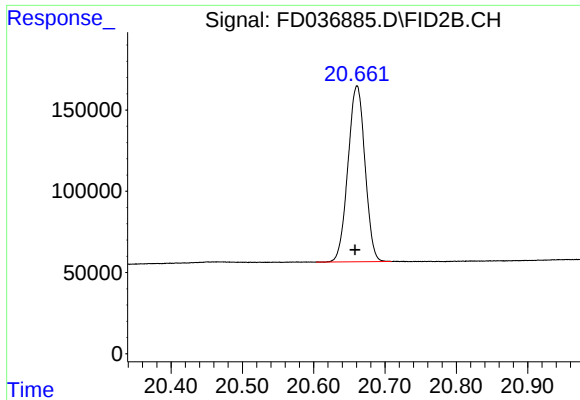
#19 n-Tetratriacontane (C34)

R.T.: 19.216 min
Delta R.T.: 0.000 min
Response: 1869721
Conc: 18.21 ug/ml



#20 n-Hexatriacontane (C36)

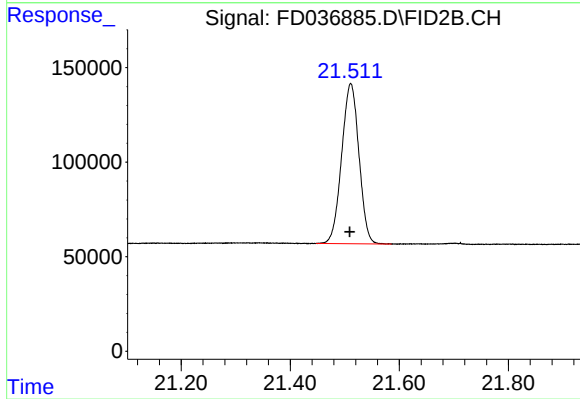
R.T.: 19.952 min
Delta R.T.: 0.002 min
Response: 1841666
Conc: 18.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.661 min
Delta R.T.: 0.003 min
Response: 1793635
Conc: 19.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.511 min
Delta R.T.: 0.002 min
Response: 1865702
Conc: 18.50 ug/ml