

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040521AL\
 Data File : FD036716.D
 Signal(s) : FID2B.CH
 Acq On : 05 Apr 2021 11:02
 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: Apr 06 03:22:20 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	2803415	18.920 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
12) S 1-chlorooctadecane (S...	12.919	2110590	18.135 ug/ml
Spiked Amount 50.000		Recovery =	36.27%
Target Compounds			
1) T n-Nonane (C9)	3.289	2678836	21.074 ug/ml
2) T n-Decane (C10)	4.350	2724281	21.142 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3018535	20.674 ug/ml
4) T n-Dodecane (C12)	6.359	2786644	21.021 ug/ml
5) T A~2-methylnaphthalene...	6.975	3044987	20.337 ug/ml
6) T n-Tetradecane (C14)	8.147	2769267	20.374 ug/ml
7) T n-Hexadecane (C16)	9.739	2670973	20.056 ug/ml
8) T n-Octadecane (C18)	11.176	2693377	19.444 ug/ml
10) T n-Eicosane (C20)	12.478	2591149	18.745 ug/ml
11) T n-Heneicosane (C21)	13.086	2527201	18.356 ug/ml
13) T n-Docosane (C22)	13.670	2456866	18.062 ug/ml
14) T n-Tetracosane (C24)	14.768	2327214	17.553 ug/ml
15) T n-Hexacosane (C26)	15.782	2186907	17.272 ug/ml
16) T n-Octacosane (C28)	16.727	2096300	17.382 ug/ml
17) T n-Tricontane (C30)	17.608	2034959	17.715 ug/ml
18) T n-Dotriacontane (C32)	18.437	1985443	18.051 ug/ml
19) T n-Tetratriacontane (C34)	19.214	1967256	19.155 ug/ml
20) T n-Hexatriacontane (C36)	19.948	1913317	19.582 ug/ml
21) T n-Octatriacontane (C38)	20.659	1859555	20.113 ug/ml
22) T n-Tetracontane (C40)	21.506	1914612	18.982 ug/ml

(f)=RT Delta > 1/2 Window

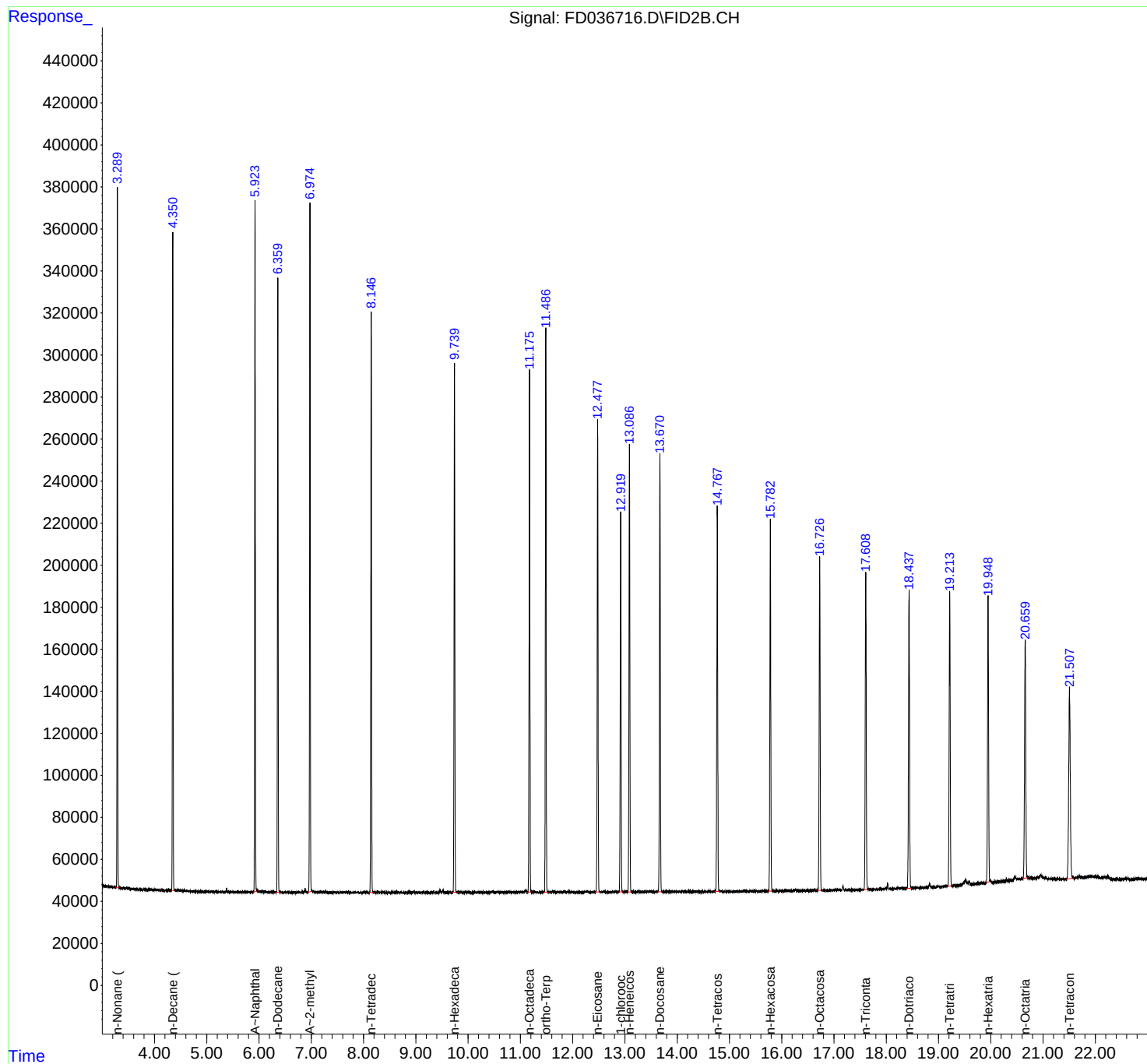
(m)=manual int.

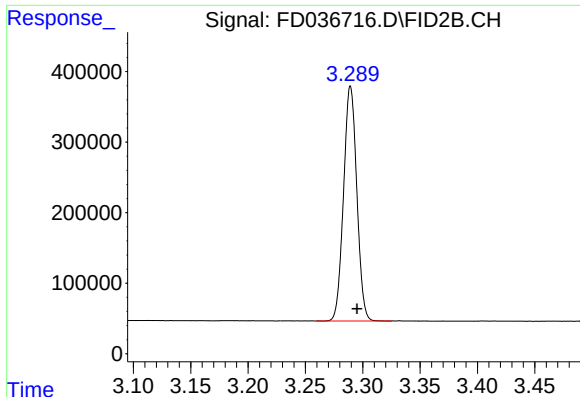
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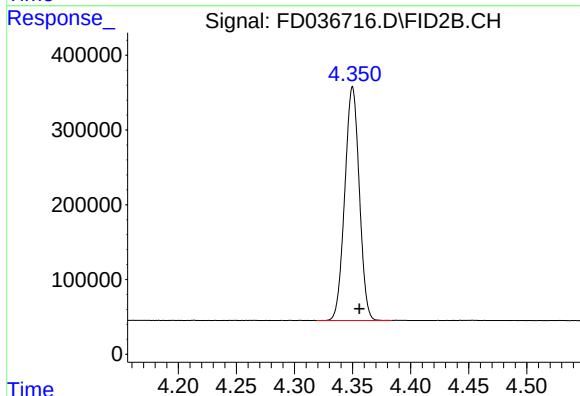




#1 n-Nonane (C9)

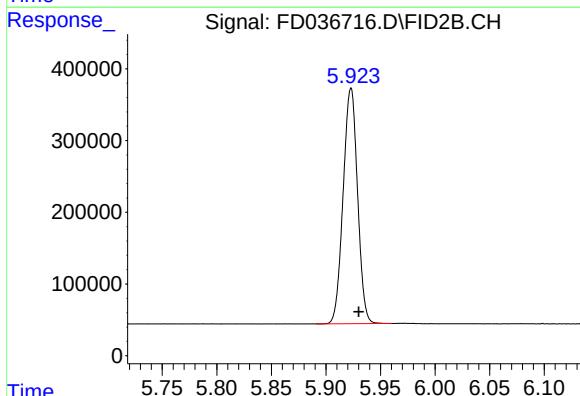
R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 2678836
Conc: 21.07 ug/ml

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20 PPM ALIPHATIC HC STD



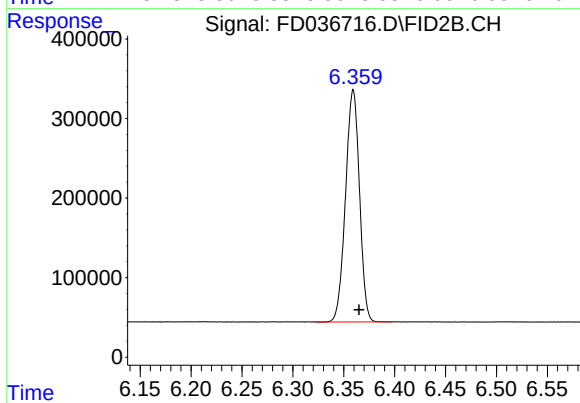
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.006 min
Response: 2724281
Conc: 21.14 ug/ml



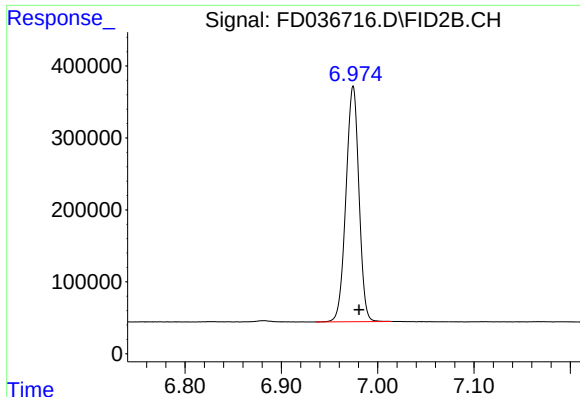
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.007 min
Response: 3018535
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

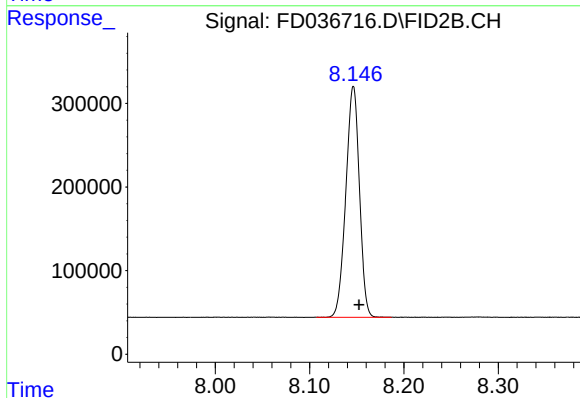
R.T.: 6.359 min
Delta R.T.: -0.006 min
Response: 2786644
Conc: 21.02 ug/ml



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

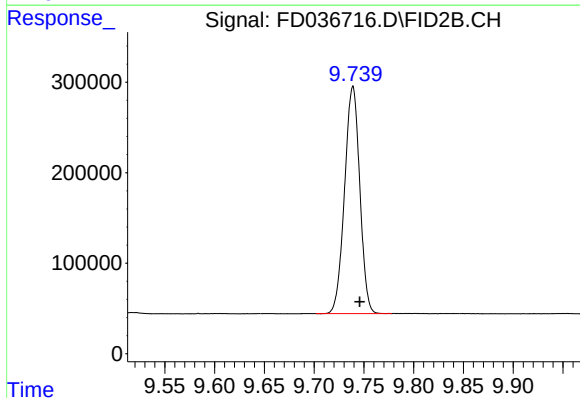
R.T.: 6.975 min
Delta R.T.: -0.006 min
Response: 3044987
Conc: 20.34 ug/ml

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20 PPM ALIPHATIC HC STD



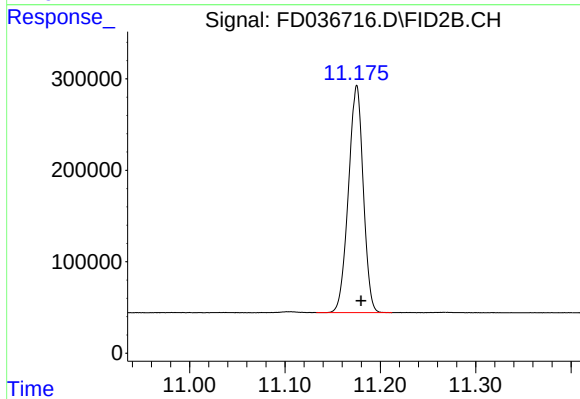
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: -0.006 min
Response: 2769267
Conc: 20.37 ug/ml



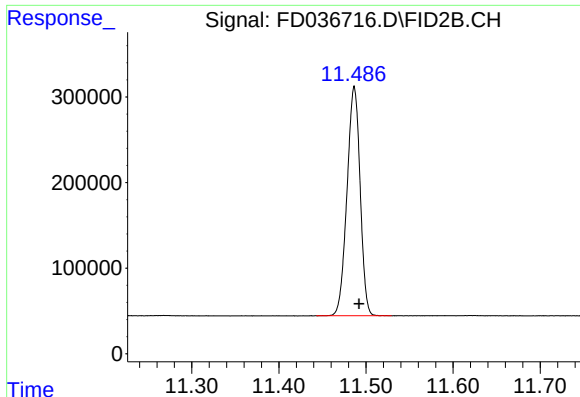
#7 n-Hexadecane (C16)

R.T.: 9.739 min
Delta R.T.: -0.007 min
Response: 2670973
Conc: 20.06 ug/ml



#8 n-Octadecane (C18)

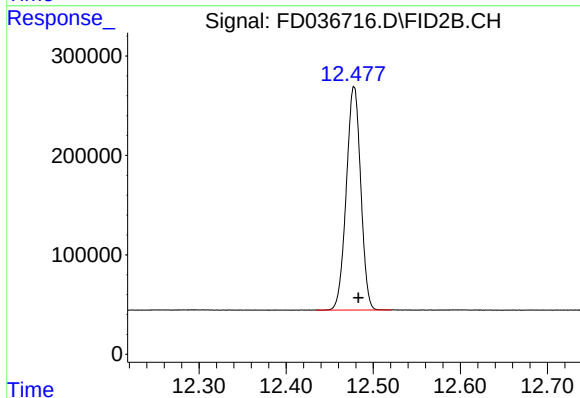
R.T.: 11.176 min
Delta R.T.: -0.004 min
Response: 2693377
Conc: 19.44 ug/ml



#9 ortho-Terphenyl (SURR)

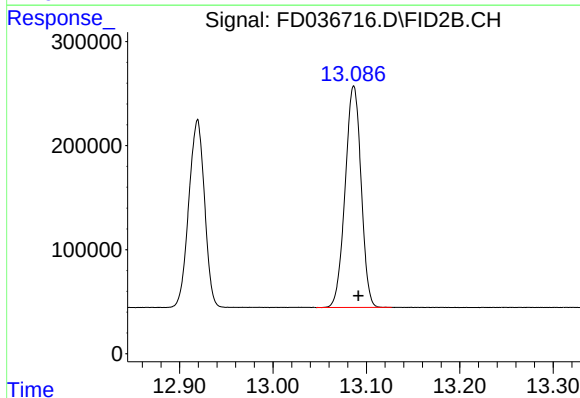
R.T.: 11.487 min
Delta R.T.: -0.005 min
Response: 2803415
Conc: 18.92 ug/ml

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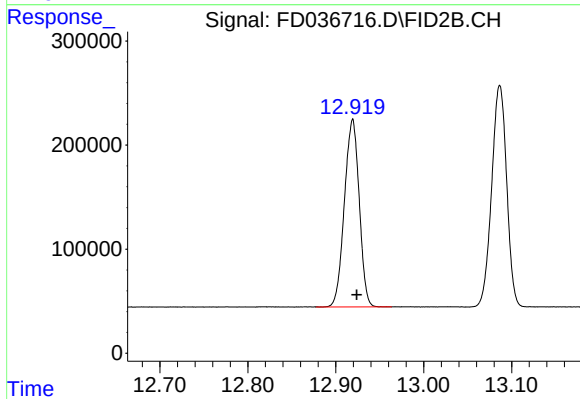
#10 n-Eicosane (C20)

R.T.: 12.478 min
Delta R.T.: -0.005 min
Response: 2591149
Conc: 18.74 ug/ml



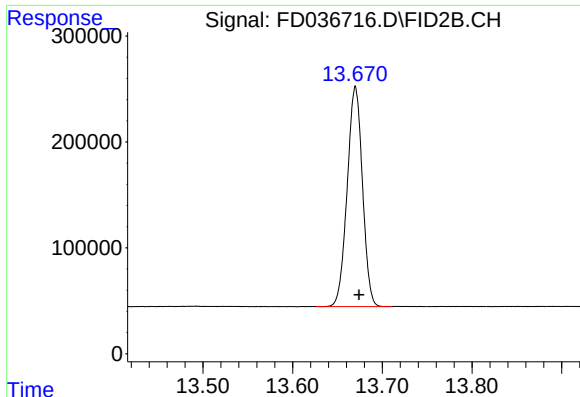
#11 n-Heneicosane (C21)

R.T.: 13.086 min
Delta R.T.: -0.005 min
Response: 2527201
Conc: 18.36 ug/ml



#12 1-chlorooctadecane (SURR)

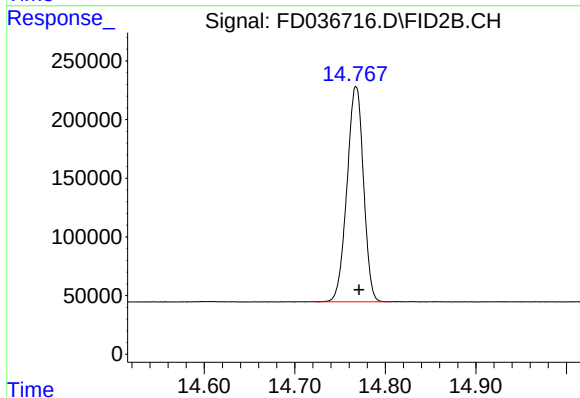
R.T.: 12.919 min
Delta R.T.: -0.004 min
Response: 2110590
Conc: 18.14 ug/ml



#13 n-Docosane (C22)

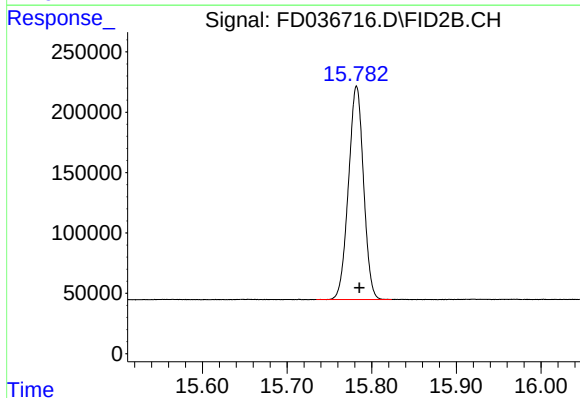
R.T.: 13.670 min
Delta R.T.: -0.004 min
Response: 2456866
Conc: 18.06 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



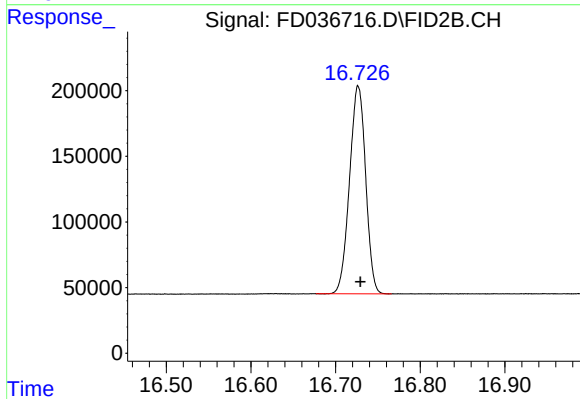
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: -0.003 min
Response: 2327214
Conc: 17.55 ug/ml



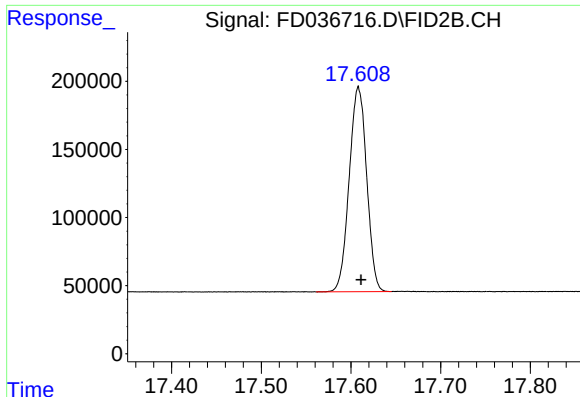
#15 n-Hexacosane (C26)

R.T.: 15.782 min
Delta R.T.: -0.003 min
Response: 2186907
Conc: 17.27 ug/ml



#16 n-Octacosane (C28)

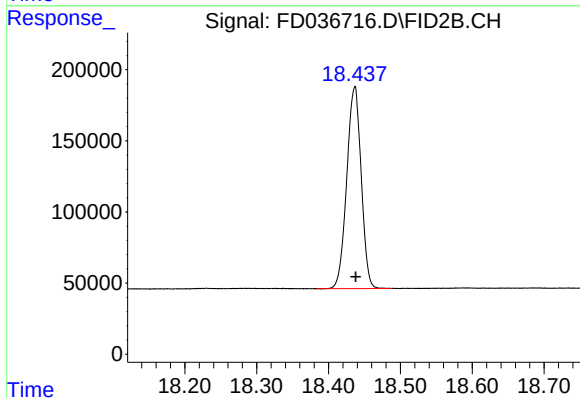
R.T.: 16.727 min
Delta R.T.: -0.003 min
Response: 2096300
Conc: 17.38 ug/ml



#17 n-Tricontane (C30)

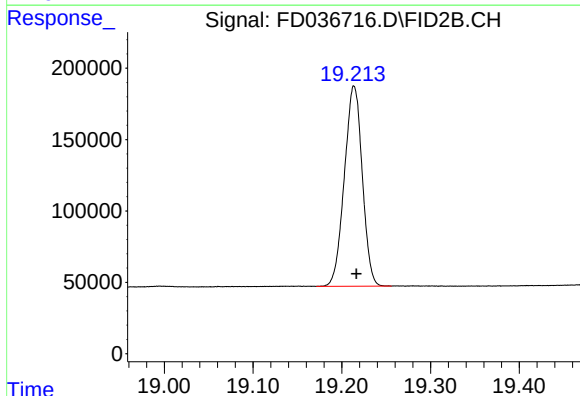
R.T.: 17.608 min
Delta R.T.: -0.003 min
Response: 2034959
Conc: 17.71 ug/ml

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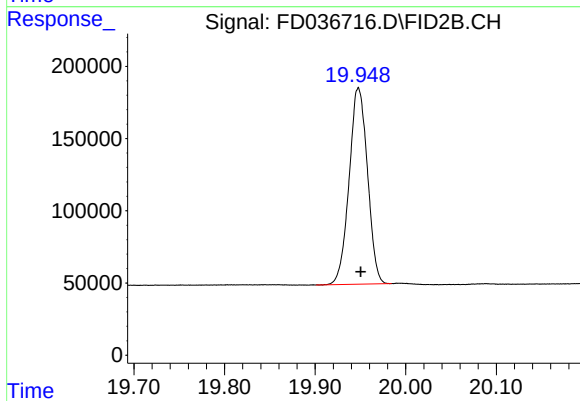
#18 n-Dotriacontane (C32)

R.T.: 18.437 min
Delta R.T.: -0.001 min
Response: 1985443
Conc: 18.05 ug/ml



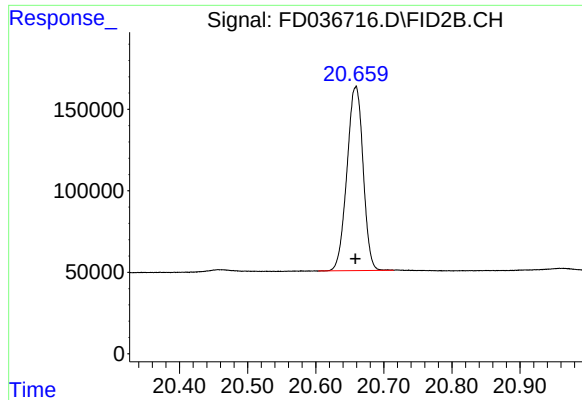
#19 n-Tetratriacontane (C34)

R.T.: 19.214 min
Delta R.T.: -0.003 min
Response: 1967256
Conc: 19.15 ug/ml



#20 n-Hexatriacontane (C36)

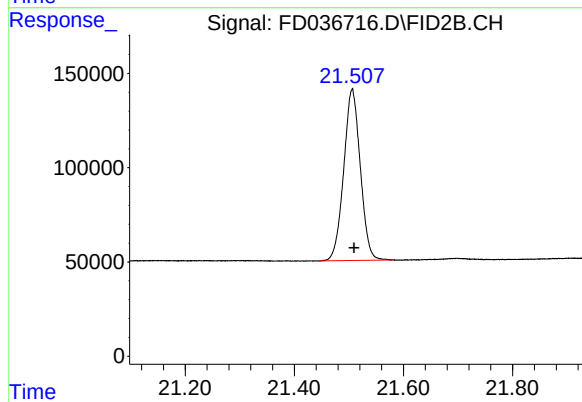
R.T.: 19.948 min
Delta R.T.: -0.003 min
Response: 1913317
Conc: 19.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.659 min
Delta R.T.: 0.000 min
Response: 1859555
Conc: 20.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.506 min
Delta R.T.: -0.003 min
Response: 1914612
Conc: 18.98 ug/ml