

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040521AL\
 Data File : FD036726.D
 Signal(s) : FID2B.CH
 Acq On : 05 Apr 2021 18:38
 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 03:24:59 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)	11.489	2889472	19.501 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
12) S 1-chlorooctadecane (S...	12.921	2203648	18.935 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
Target Compounds			
1) T n-Nonane (C9)	3.289	2723780	21.428 ug/ml
2) T n-Decane (C10)	4.350	2765982	21.466 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3092227	21.179 ug/ml
4) T n-Dodecane (C12)	6.360	2836778	21.400 ug/ml
5) T A~2-methylnaphthalene...	6.976	3135839	20.944 ug/ml
6) T n-Tetradecane (C14)	8.148	2838810	20.886 ug/ml
7) T n-Hexadecane (C16)	9.742	2753662	20.677 ug/ml
8) T n-Octadecane (C18)	11.177	2785243	20.107 ug/ml
10) T n-Eicosane (C20)	12.480	2684300	19.418 ug/ml
11) T n-Heneicosane (C21)	13.089	2616557	19.005 ug/ml
13) T n-Docosane (C22)	13.672	2543326	18.698 ug/ml
14) T n-Tetracosane (C24)	14.769	2404968	18.140 ug/ml
15) T n-Hexacosane (C26)	15.784	2250360	17.773 ug/ml
16) T n-Octacosane (C28)	16.727	2146413	17.797 ug/ml
17) T n-Tricontane (C30)	17.609	2072043	18.037 ug/ml
18) T n-Dotriacontane (C32)	18.437	2016358	18.332 ug/ml
19) T n-Tetratriacontane (C34)	19.214	1997744	19.452 ug/ml
20) T n-Hexatriacontane (C36)	19.949	1945193	19.909 ug/ml
21) T n-Octatriacontane (C38)	20.658	1899135	20.541 ug/ml
22) T n-Tetracontane (C40)	21.508	1986293	19.693 ug/ml

(f)=RT Delta > 1/2 Window

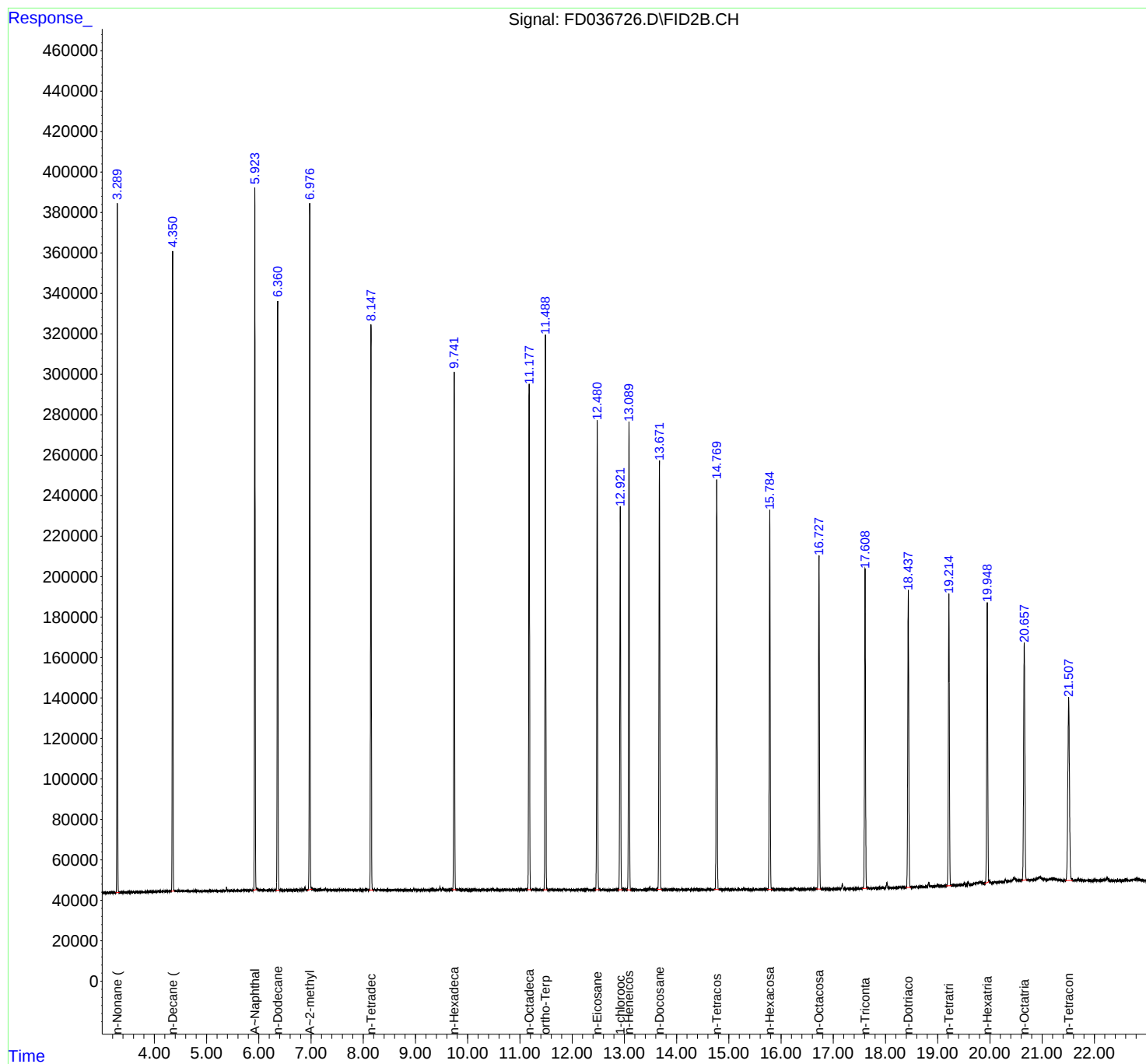
(m)=manual int.

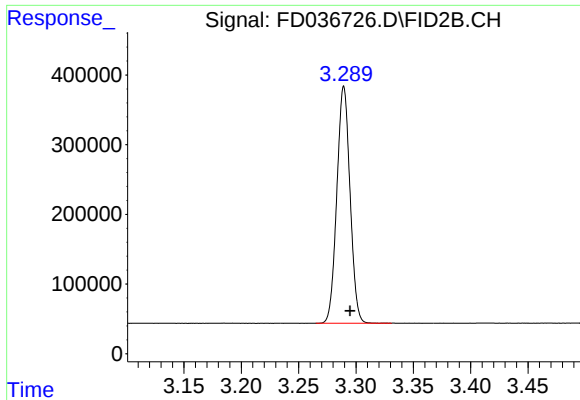
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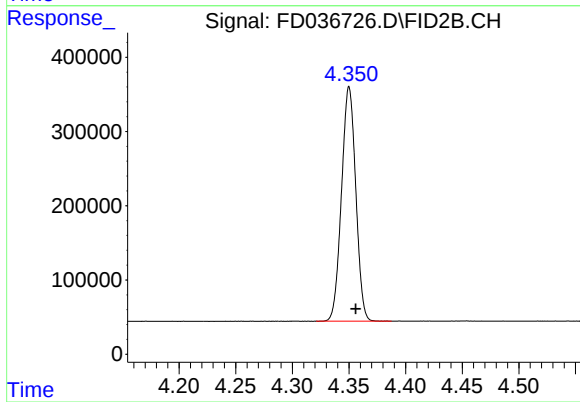




#1 n-Nonane (C9)

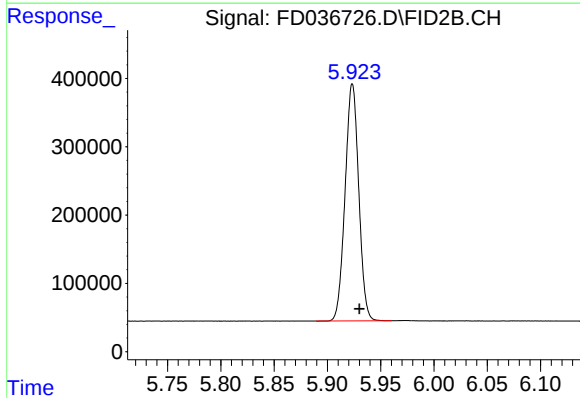
R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 2723780
Conc: 21.43 ug/ml

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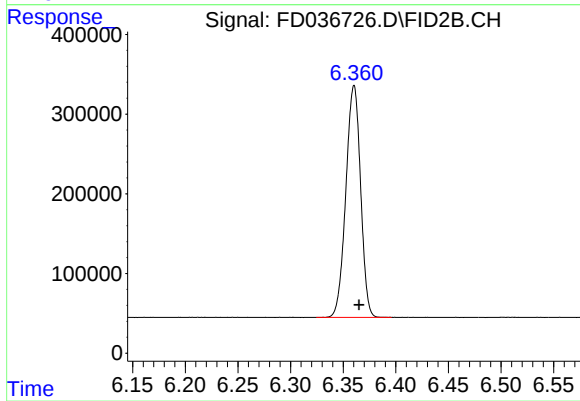
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.006 min
Response: 2765982
Conc: 21.47 ug/ml



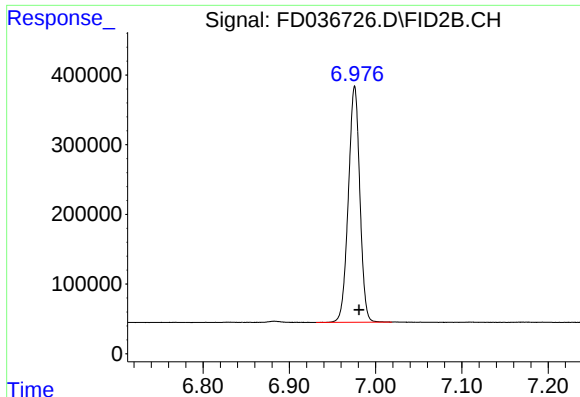
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.007 min
Response: 3092227
Conc: 21.18 ug/ml



#4 n-Dodecane (C12)

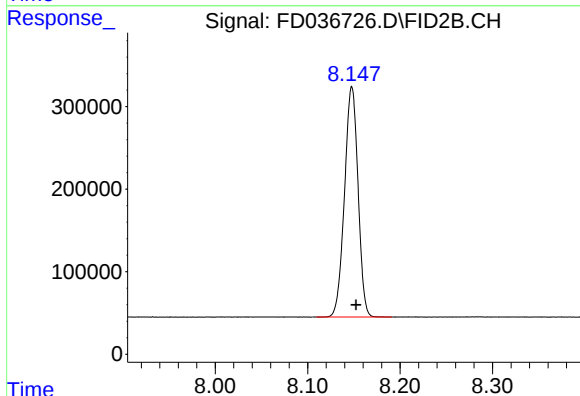
R.T.: 6.360 min
Delta R.T.: -0.005 min
Response: 2836778
Conc: 21.40 ug/ml



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

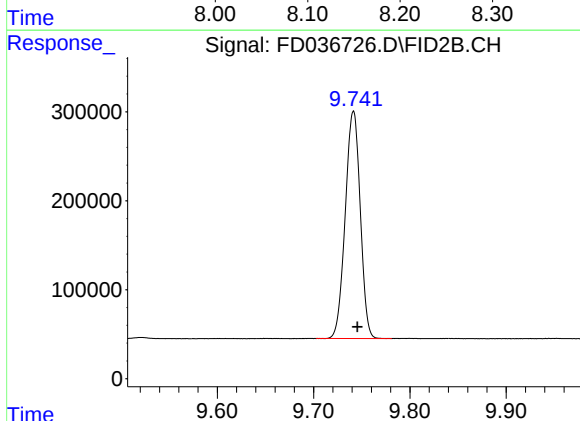
R.T.: 6.976 min
Delta R.T.: -0.005 min
Response: 3135839
Conc: 20.94 ug/ml

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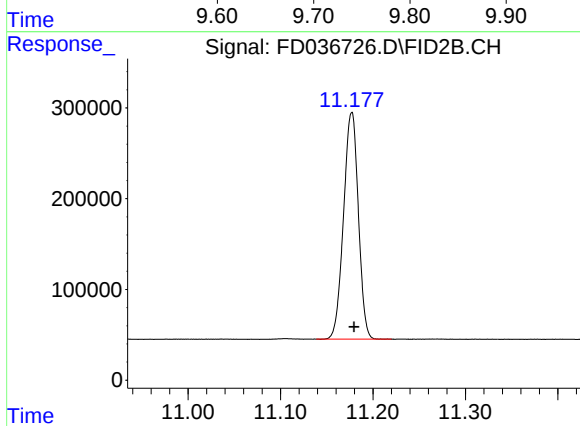
#6 n-Tetradecane (C14)

R.T.: 8.148 min
Delta R.T.: -0.005 min
Response: 2838810
Conc: 20.89 ug/ml



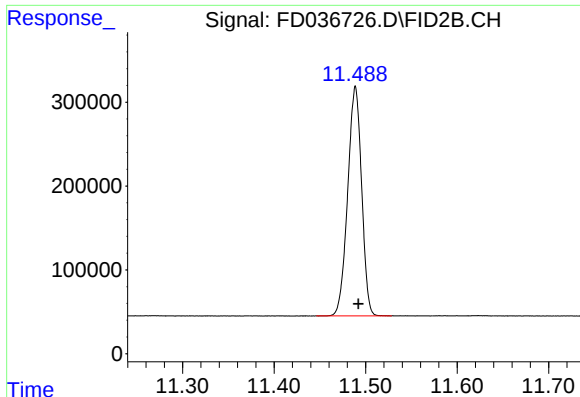
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.004 min
Response: 2753662
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

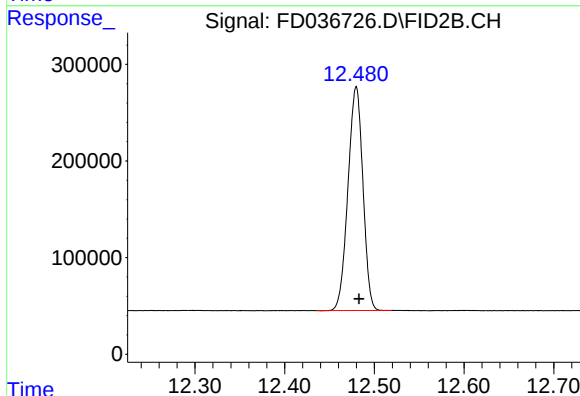
R.T.: 11.177 min
Delta R.T.: -0.002 min
Response: 2785243
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

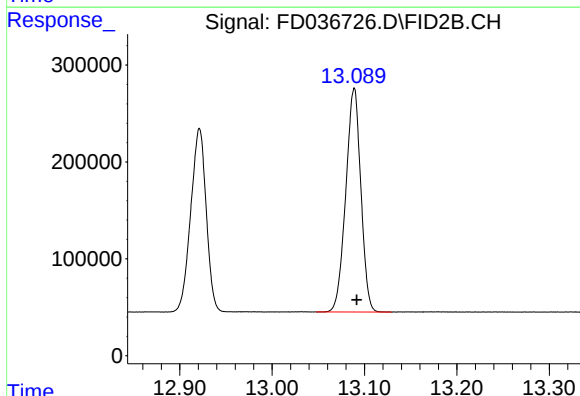
R.T.: 11.489 min
Delta R.T.: -0.003 min
Response: 2889472
Conc: 19.50 ug/ml

Instrument :
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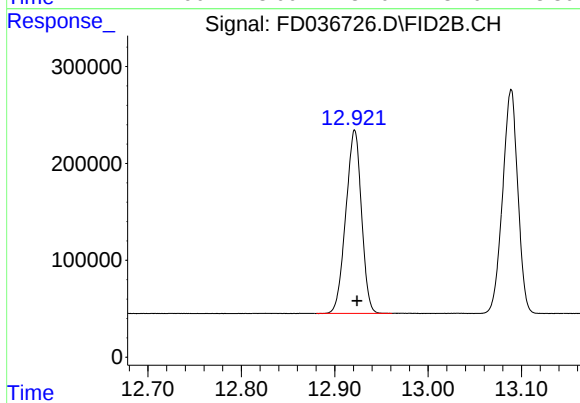
#10 n-Eicosane (C20)

R.T.: 12.480 min
Delta R.T.: -0.003 min
Response: 2684300
Conc: 19.42 ug/ml



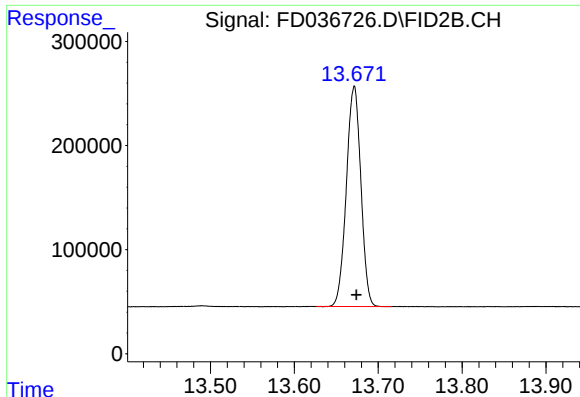
#11 n-Heneicosane (C21)

R.T.: 13.089 min
Delta R.T.: -0.003 min
Response: 2616557
Conc: 19.01 ug/ml



#12 1-chlorooctadecane (SURR)

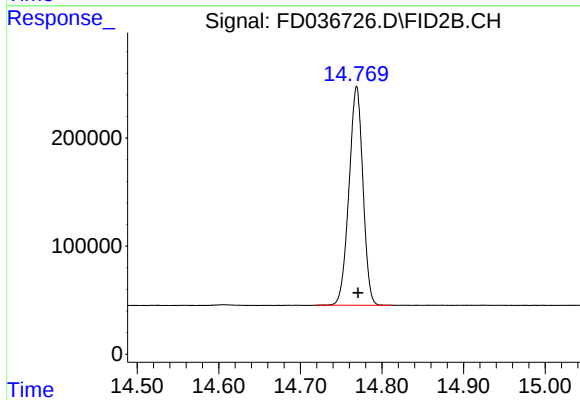
R.T.: 12.921 min
Delta R.T.: -0.002 min
Response: 2203648
Conc: 18.94 ug/ml



#13 n-Docosane (C22)

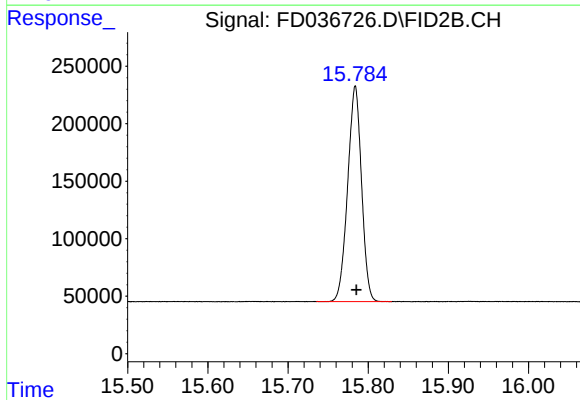
R.T.: 13.672 min
Delta R.T.: -0.003 min
Response: 2543326
Conc: 18.70 ug/ml

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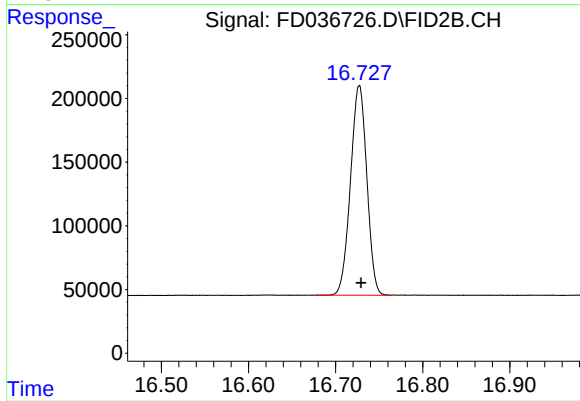
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: -0.002 min
Response: 2404968
Conc: 18.14 ug/ml



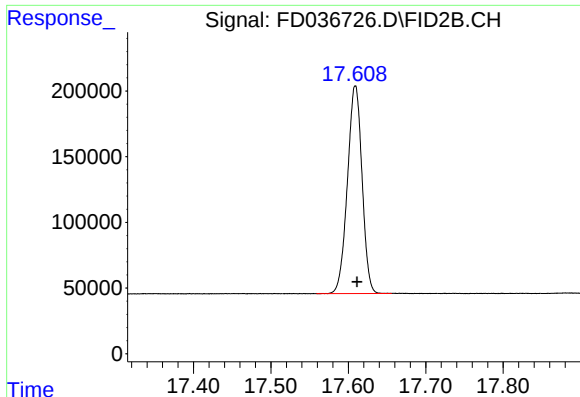
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: -0.002 min
Response: 2250360
Conc: 17.77 ug/ml



#16 n-Octacosane (C28)

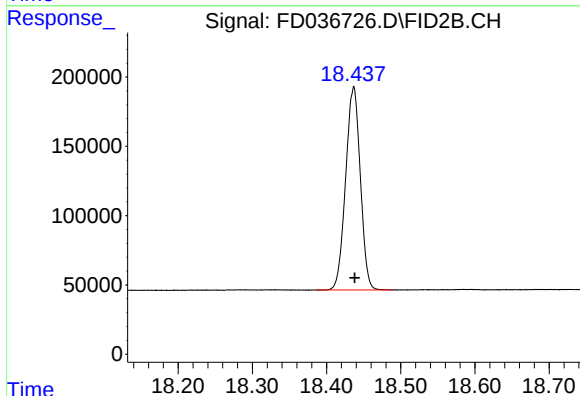
R.T.: 16.727 min
Delta R.T.: -0.002 min
Response: 2146413
Conc: 17.80 ug/ml



#17 n-Tricontane (C30)

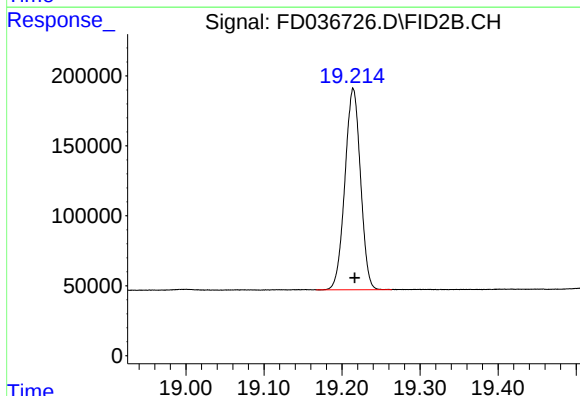
R.T.: 17.609 min
Delta R.T.: -0.002 min
Response: 2072043
Conc: 18.04 ug/ml

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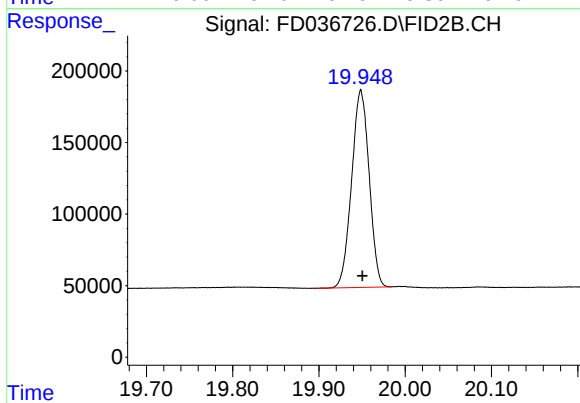
#18 n-Dotriacontane (C32)

R.T.: 18.437 min
Delta R.T.: -0.001 min
Response: 2016358
Conc: 18.33 ug/ml



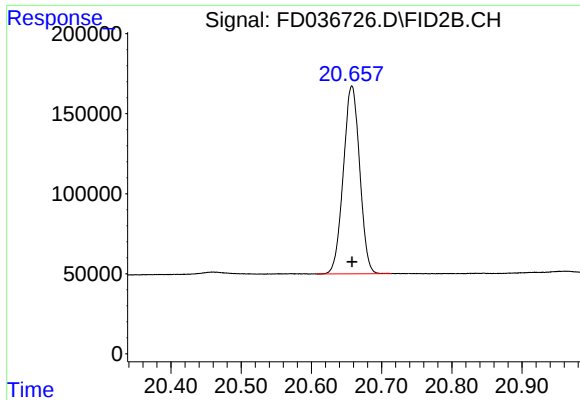
#19 n-Tetratriacontane (C34)

R.T.: 19.214 min
Delta R.T.: -0.002 min
Response: 1997744
Conc: 19.45 ug/ml



#20 n-Hexatriacontane (C36)

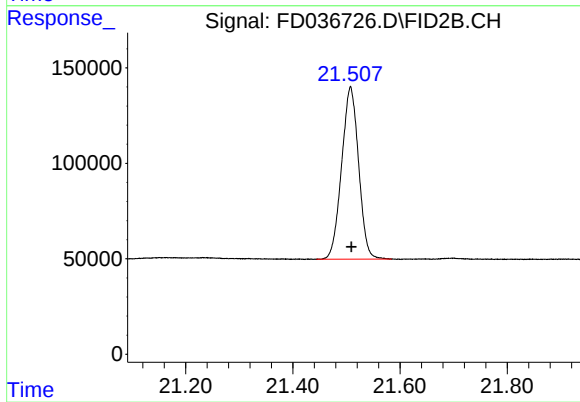
R.T.: 19.949 min
Delta R.T.: -0.002 min
Response: 1945193
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.658 min
Delta R.T.: 0.000 min
Response: 1899135
Conc: 20.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.508 min
Delta R.T.: -0.002 min
Response: 1986293
Conc: 19.69 ug/ml