

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040621AL\
 Data File : FD036754.D
 Signal(s) : FID2B.CH
 Acq On : 07 Apr 2021 1:53
 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 07 02:36:13 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	3080182	20.788 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
12) S 1-chlorooctadecane (S...	12.920	2358239	20.263 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
Target Compounds			
1) T n-Nonane (C9)	3.288	2764709	21.750 ug/ml
2) T n-Decane (C10)	4.350	2822005	21.901 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3178100	21.767 ug/ml
4) T n-Dodecane (C12)	6.360	2917796	22.011 ug/ml
5) T A~2-methylnaphthalene...	6.975	3243308	21.662 ug/ml
6) T n-Tetradecane (C14)	8.148	2942667	21.650 ug/ml
7) T n-Hexadecane (C16)	9.741	2882626	21.645 ug/ml
8) T n-Octadecane (C18)	11.176	2946804	21.274 ug/ml
10) T n-Eicosane (C20)	12.480	2871647	20.774 ug/ml
11) T n-Heneicosane (C21)	13.088	2815640	20.451 ug/ml
13) T n-Docosane (C22)	13.671	2744480	20.177 ug/ml
14) T n-Tetracosane (C24)	14.768	2629032	19.830 ug/ml
15) T n-Hexacosane (C26)	15.784	2481459	19.598 ug/ml
16) T n-Octacosane (C28)	16.727	2370117	19.652 ug/ml
17) T n-Tricontane (C30)	17.609	2281290	19.859 ug/ml
18) T n-Dotriacontane (C32)	18.436	2189743	19.909 ug/ml
19) T n-Tetratriacontane (C34)	19.215	2143189	20.868 ug/ml
20) T n-Hexatriacontane (C36)	19.949	2074412	21.231 ug/ml
21) T n-Octatriacontane (C38)	20.659	2005853	21.695 ug/ml
22) T n-Tetracontane (C40)	21.509	2054668	20.371 ug/ml

(f)=RT Delta > 1/2 Window

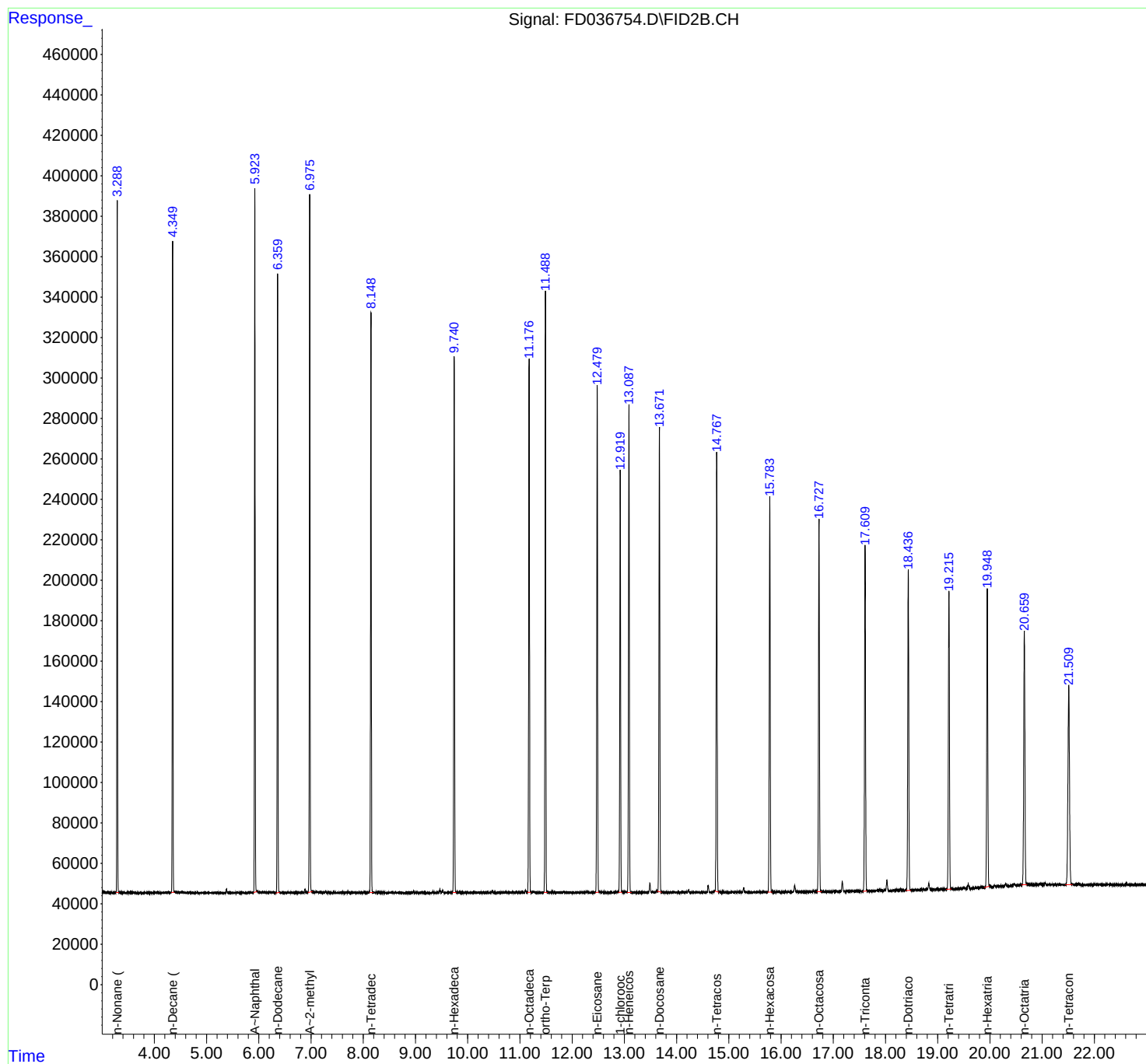
(m)=manual int.

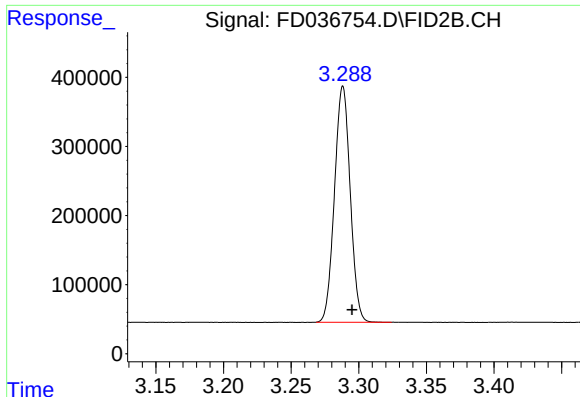
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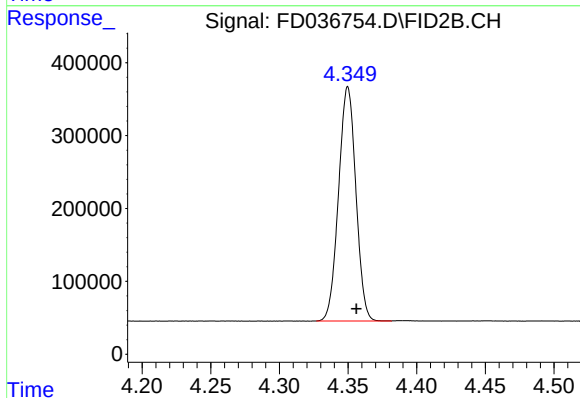




#1 n-Nonane (C9)

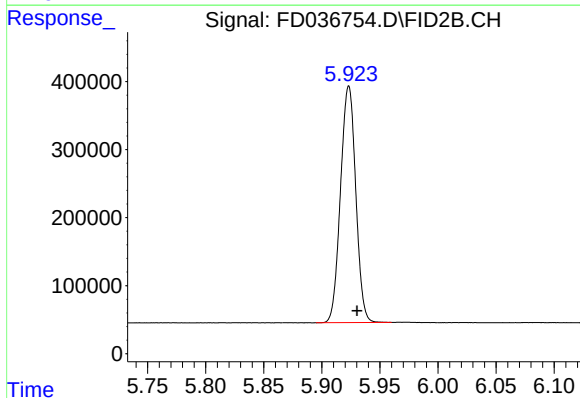
R.T.: 3.288 min
Delta R.T.: -0.007 min
Response: 2764709
Conc: 21.75 ug/ml

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20 PPM ALIPHATIC HC STD



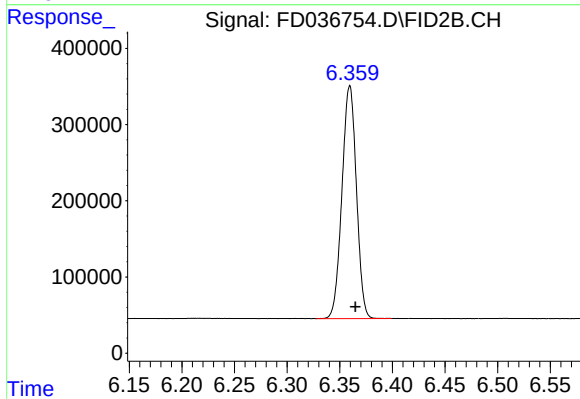
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.006 min
Response: 2822005
Conc: 21.90 ug/ml



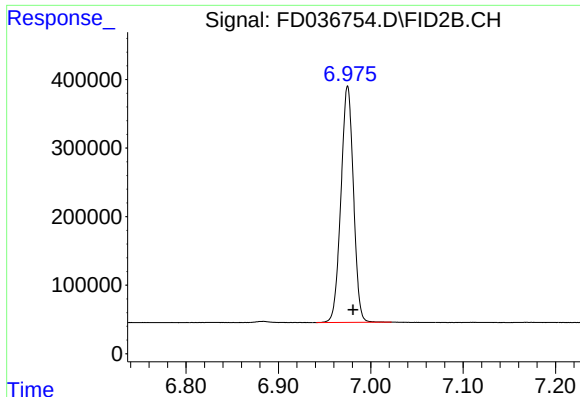
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.007 min
Response: 3178100
Conc: 21.77 ug/ml



#4 n-Dodecane (C12)

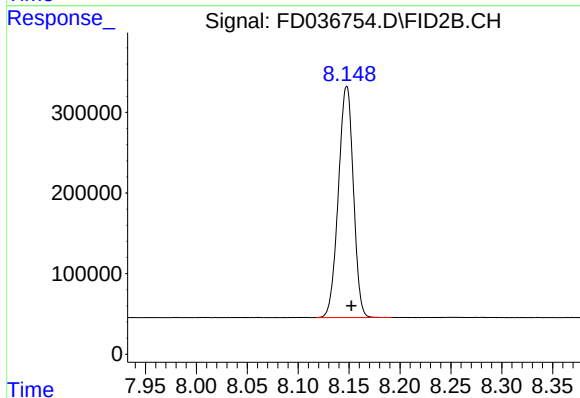
R.T.: 6.360 min
Delta R.T.: -0.005 min
Response: 2917796
Conc: 22.01 ug/ml



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

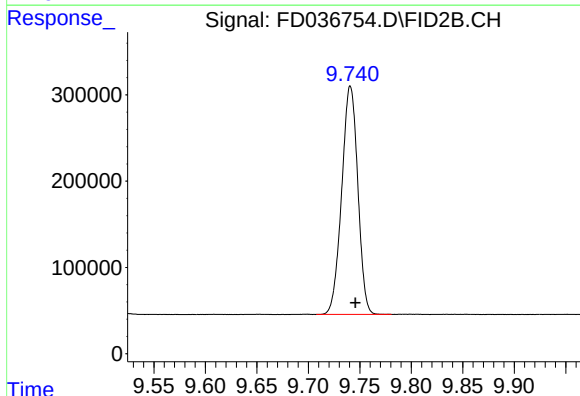
R.T.: 6.975 min
Delta R.T.: -0.006 min
Response: 3243308
Conc: 21.66 ug/ml

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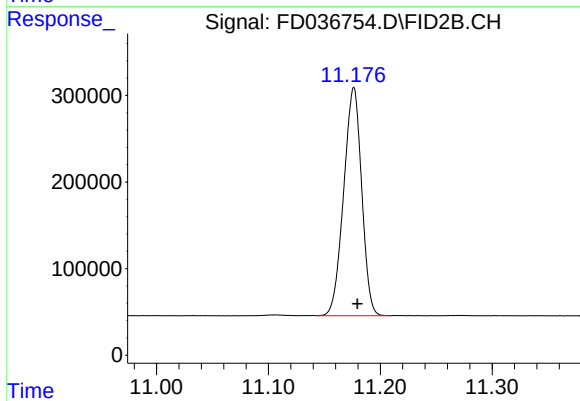
#6 n-Tetradecane (C14)

R.T.: 8.148 min
Delta R.T.: -0.005 min
Response: 2942667
Conc: 21.65 ug/ml



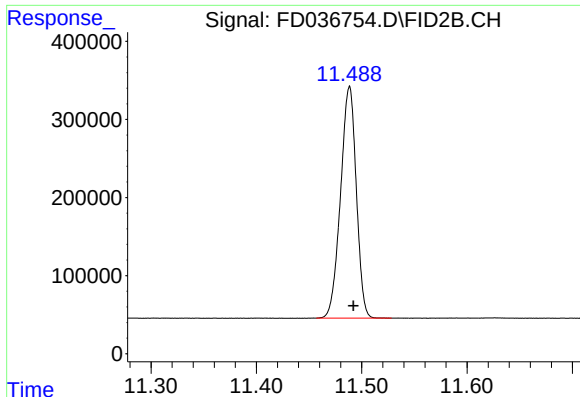
#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: -0.005 min
Response: 2882626
Conc: 21.65 ug/ml



#8 n-Octadecane (C18)

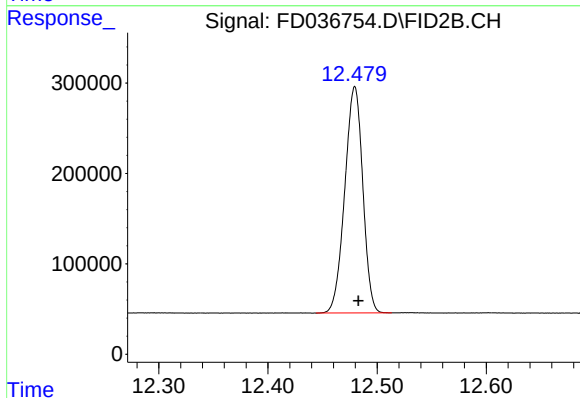
R.T.: 11.176 min
Delta R.T.: -0.003 min
Response: 2946804
Conc: 21.27 ug/ml



#9 ortho-Terphenyl (SURR)

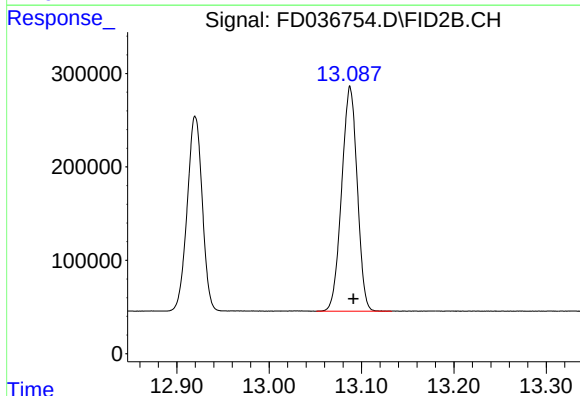
R.T.: 11.489 min
Delta R.T.: -0.003 min
Response: 3080182
Conc: 20.79 ug/ml

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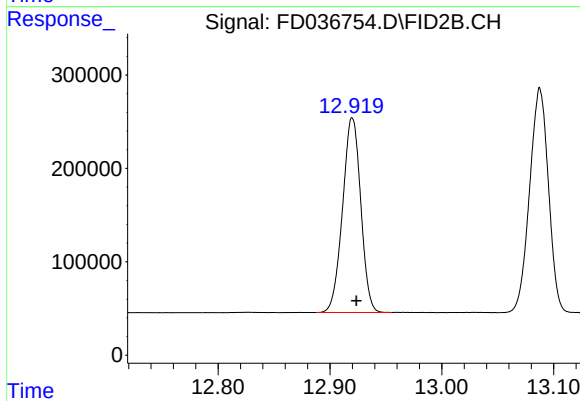
#10 n-Eicosane (C20)

R.T.: 12.480 min
Delta R.T.: -0.003 min
Response: 2871647
Conc: 20.77 ug/ml



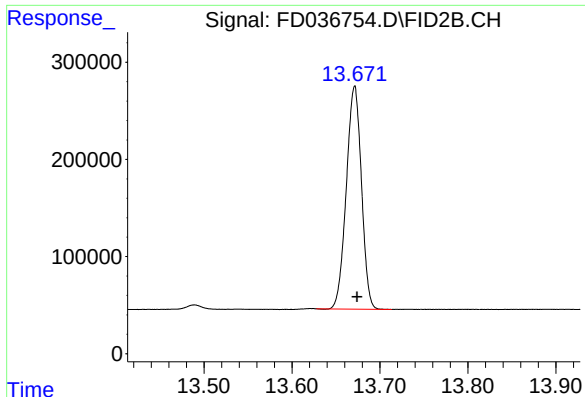
#11 n-Heneicosane (C21)

R.T.: 13.088 min
Delta R.T.: -0.004 min
Response: 2815640
Conc: 20.45 ug/ml



#12 1-chlorooctadecane (SURR)

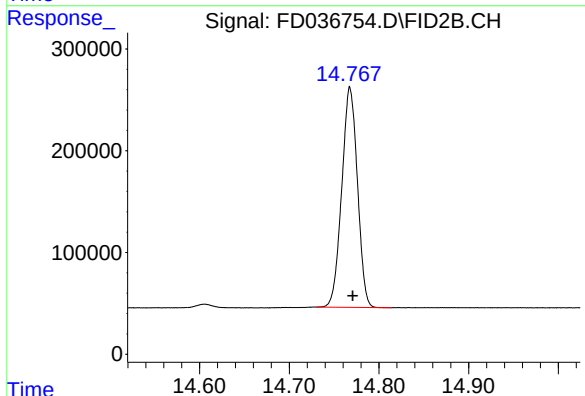
R.T.: 12.920 min
Delta R.T.: -0.004 min
Response: 2358239
Conc: 20.26 ug/ml



#13 n-Docosane (C22)

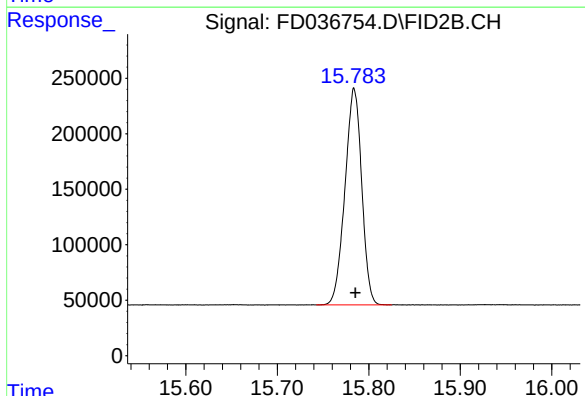
R.T.: 13.671 min
Delta R.T.: -0.003 min
Response: 2744480
Conc: 20.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



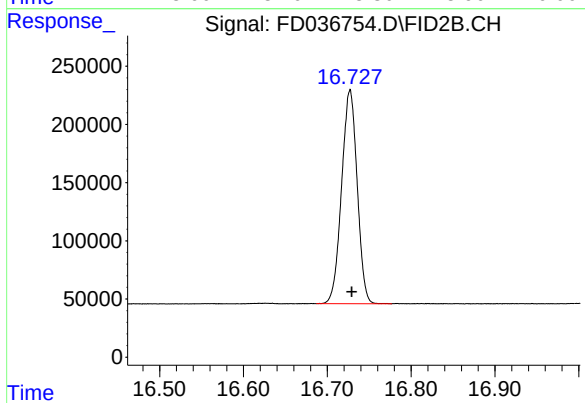
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: -0.003 min
Response: 2629032
Conc: 19.83 ug/ml



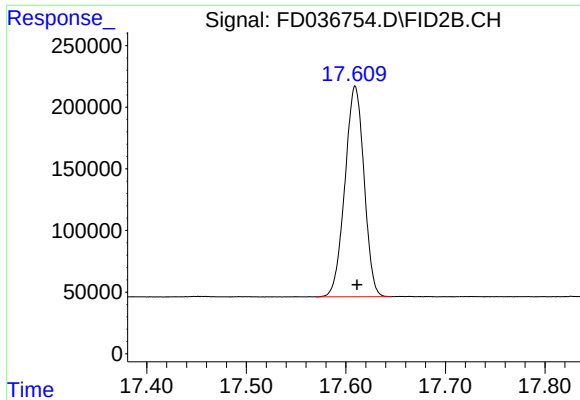
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: -0.001 min
Response: 2481459
Conc: 19.60 ug/ml



#16 n-Octacosane (C28)

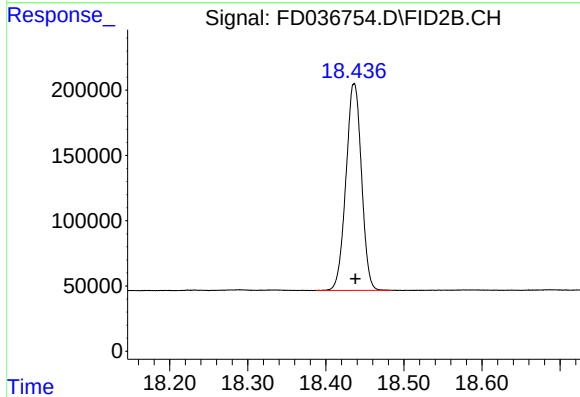
R.T.: 16.727 min
Delta R.T.: -0.002 min
Response: 2370117
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

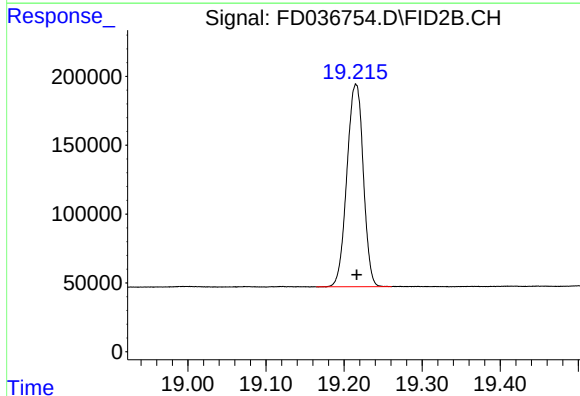
R.T.: 17.609 min
Delta R.T.: -0.002 min
Response: 2281290
Conc: 19.86 ug/ml

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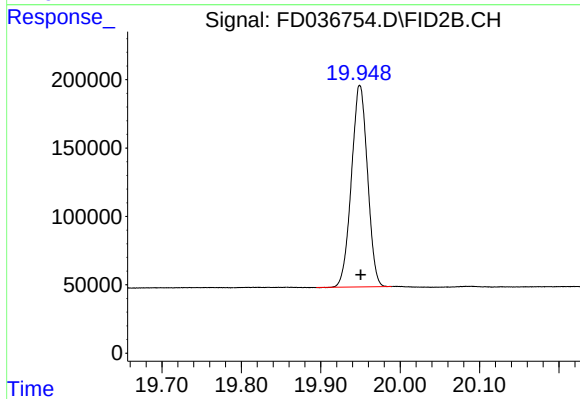
#18 n-Dotriacontane (C32)

R.T.: 18.436 min
Delta R.T.: -0.002 min
Response: 2189743
Conc: 19.91 ug/ml



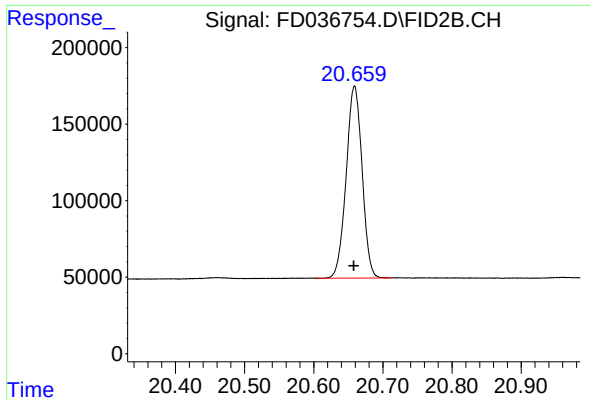
#19 n-Tetratriacontane (C34)

R.T.: 19.215 min
Delta R.T.: -0.001 min
Response: 2143189
Conc: 20.87 ug/ml



#20 n-Hexatriacontane (C36)

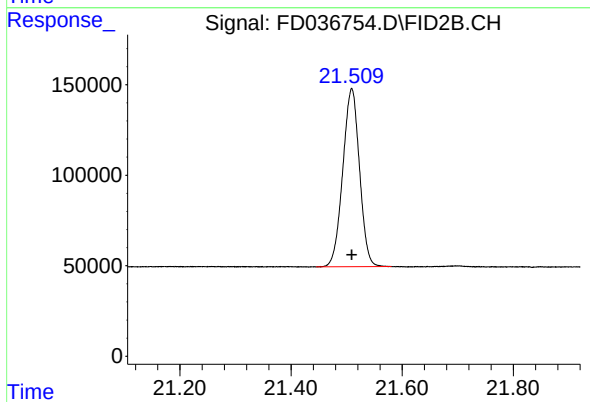
R.T.: 19.949 min
Delta R.T.: -0.001 min
Response: 2074412
Conc: 21.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.659 min
Delta R.T.: 0.000 min
Response: 2005853
Conc: 21.70 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.509 min
Delta R.T.: 0.000 min
Response: 2054668
Conc: 20.37 ug/ml