

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072120AL\
 Data File : FD034089.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jul 2020 8:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 22 10:41:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 04:25:35 2020
 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)	11.615	2863881	21.102 ug/ml
Spiked Amount 50.000		Recovery =	42.20%
12) S 1-chlorooctadecane (S...	13.044	2321890	20.875 ug/ml
Spiked Amount 50.000		Recovery =	41.75%
Target Compounds			
1) T n-Nonane (C9)	3.392	2607589	21.725 ug/ml
2) T n-Decane (C10)	4.460	2641154	21.832 ug/ml
3) T A~Naphthalene (C11.7)	6.044	2953474	21.895 ug/ml
4) T n-Dodecane (C12)	6.474	2687953	21.897 ug/ml
5) T A~2-methylnaphthalene...	7.098	3022054	21.915 ug/ml
6) T n-Tetradecane (C14)	8.264	2686829	21.999 ug/ml
7) T n-Hexadecane (C16)	9.859	2649306	21.784 ug/ml
8) T n-Octadecane (C18)	11.296	2730659	21.534 ug/ml
10) T n-Eicosane (C20)	12.600	2709809	21.182 ug/ml
11) T n-Heneicosane (C21)	13.210	2682317	20.939 ug/ml
13) T n-Docosane (C22)	13.794	2653613	20.698 ug/ml
14) T n-Tetracosane (C24)	14.891	2582088	20.121 ug/ml
15) T n-Hexacosane (C26)	15.907	2474041	19.438 ug/ml
16) T n-Octacosane (C28)	16.852	2390549	18.831 ug/ml
17) T n-Tricontane (C30)	17.734	2281720	18.445 ug/ml
18) T n-Dotriacontane (C32)	18.562	2060871	18.294 ug/ml
19) T n-Tetratriacontane (C34)	19.341	1918465	18.214 ug/ml
20) T n-Hexatriacontane (C36)	20.074	1815324	18.007 ug/ml
21) T n-Octatriacontane (C38)	20.805	1736330	19.012 ug/ml
22) T n-Tetracontane (C40)	21.709	1784535	20.078 ug/ml

(f)=RT Delta > 1/2 Window

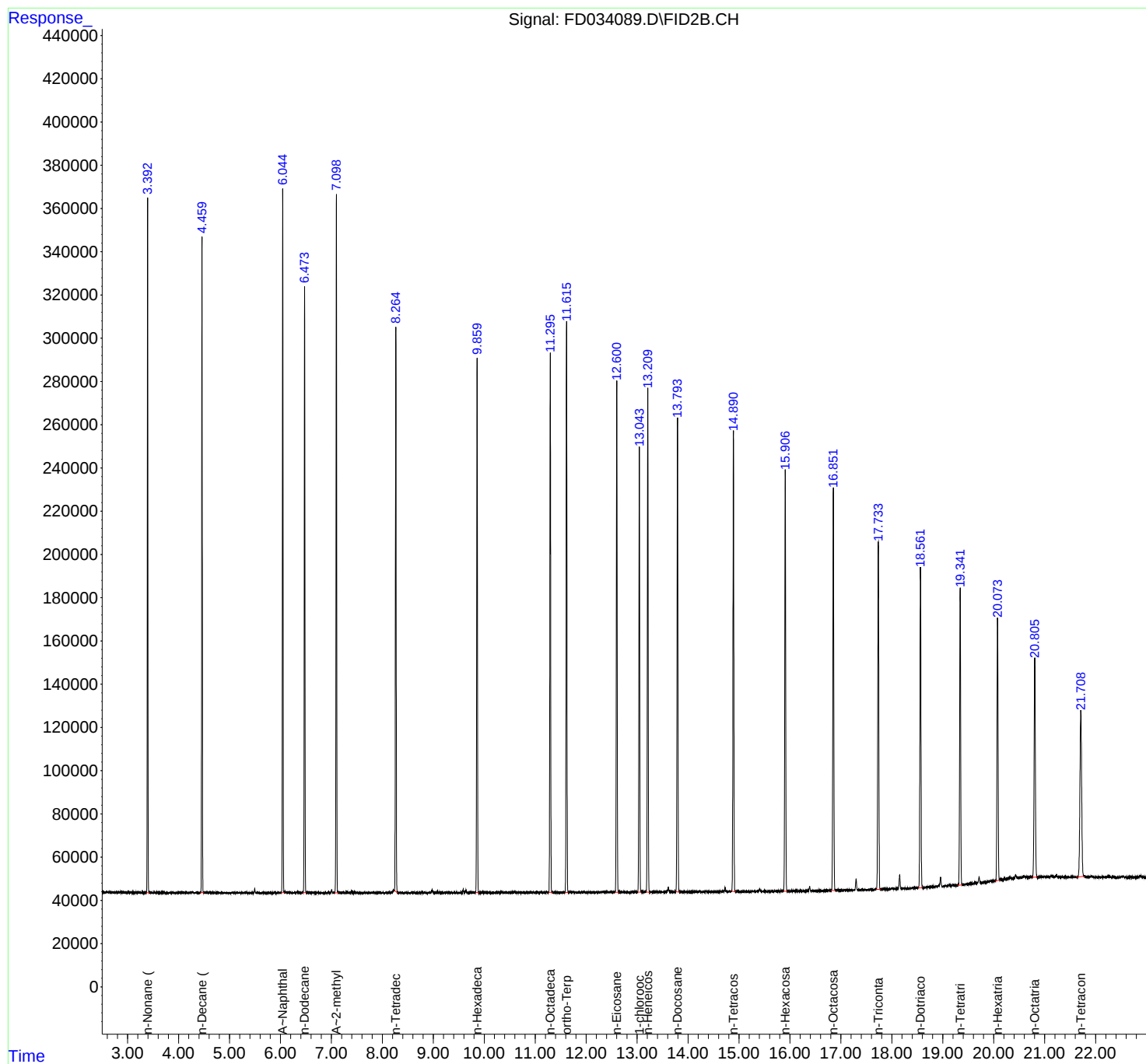
(m)=manual int.

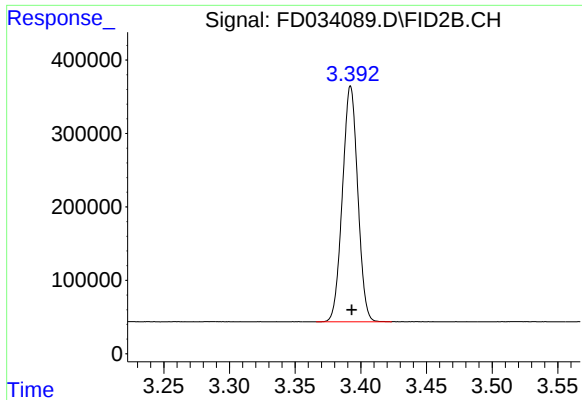
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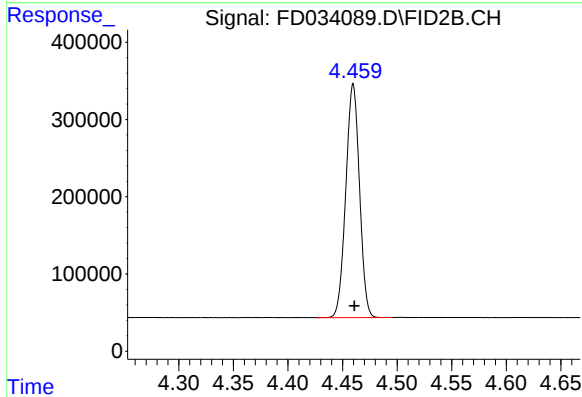




#1 n-Nonane (C9)

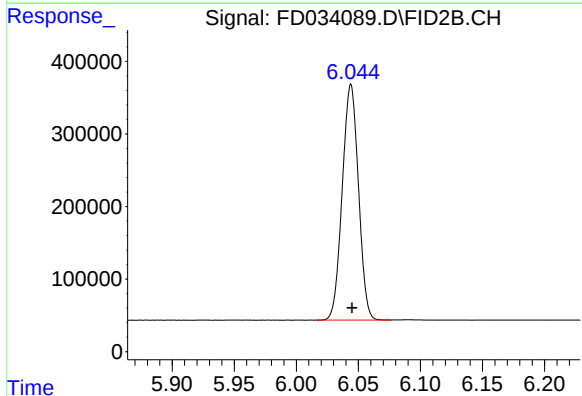
R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 2607589
Conc: 21.72 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



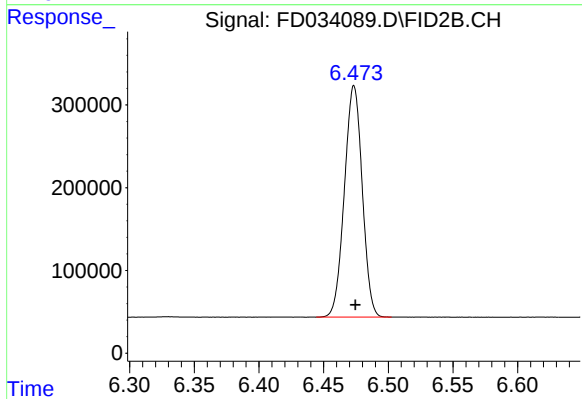
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: -0.001 min
Response: 2641154
Conc: 21.83 ug/ml



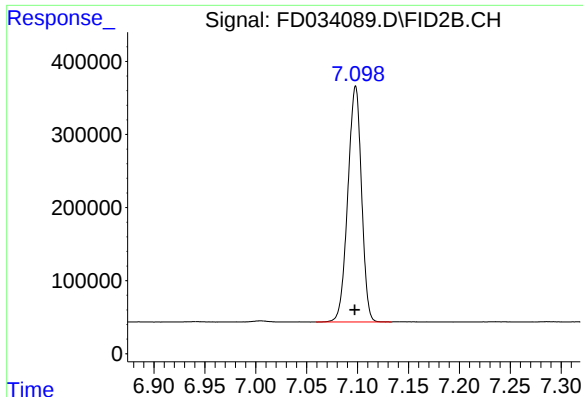
#3 A~Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 2953474
Conc: 21.90 ug/ml



#4 n-Dodecane (C12)

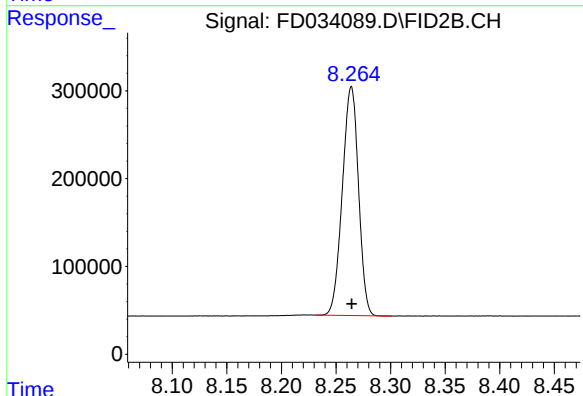
R.T.: 6.474 min
Delta R.T.: -0.001 min
Response: 2687953
Conc: 21.90 ug/ml



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

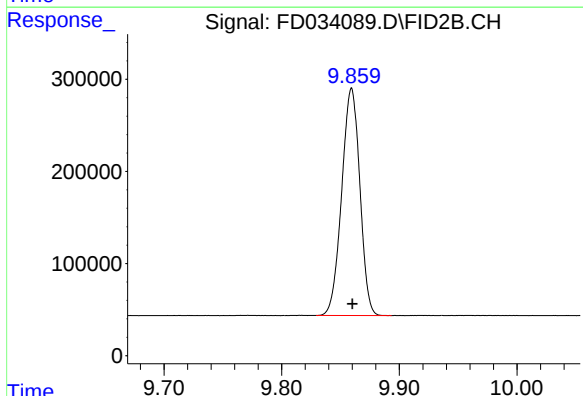
R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 3022054
Conc: 21.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



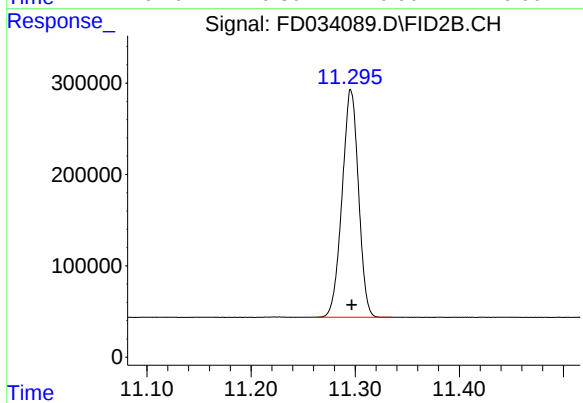
#6 n-Tetradecane (C14)

R.T.: 8.264 min
Delta R.T.: 0.000 min
Response: 2686829
Conc: 22.00 ug/ml



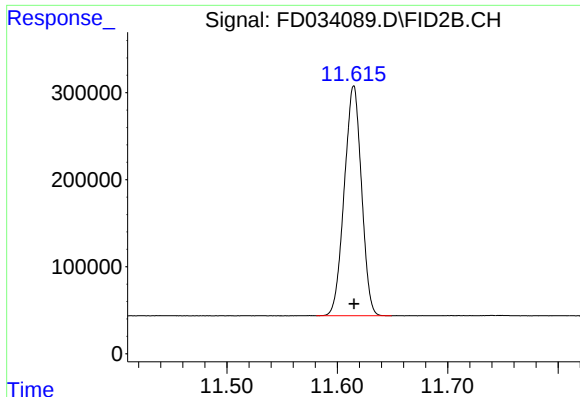
#7 n-Hexadecane (C16)

R.T.: 9.859 min
Delta R.T.: 0.000 min
Response: 2649306
Conc: 21.78 ug/ml



#8 n-Octadecane (C18)

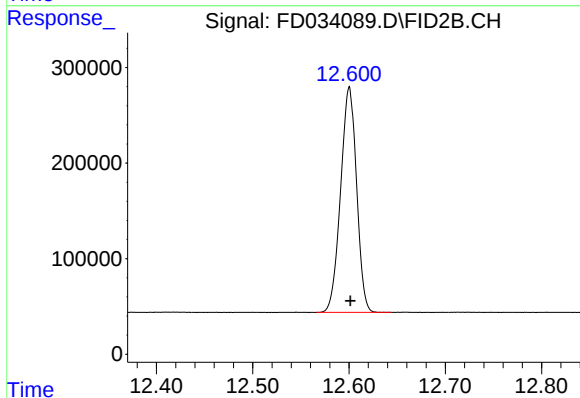
R.T.: 11.296 min
Delta R.T.: 0.000 min
Response: 2730659
Conc: 21.53 ug/ml



#9 ortho-Terphenyl (SURR)

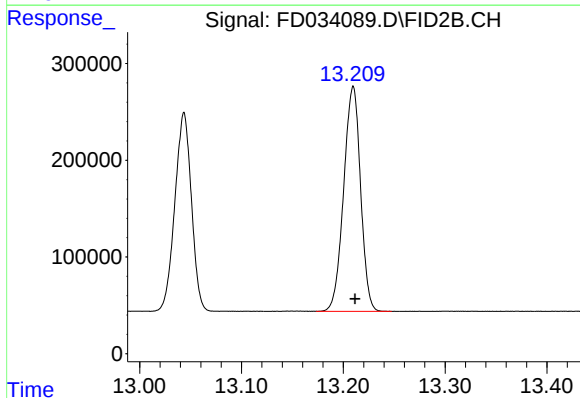
R.T.: 11.615 min
Delta R.T.: 0.000 min
Response: 2863881
Conc: 21.10 ug/ml

Instrument :
FID_D
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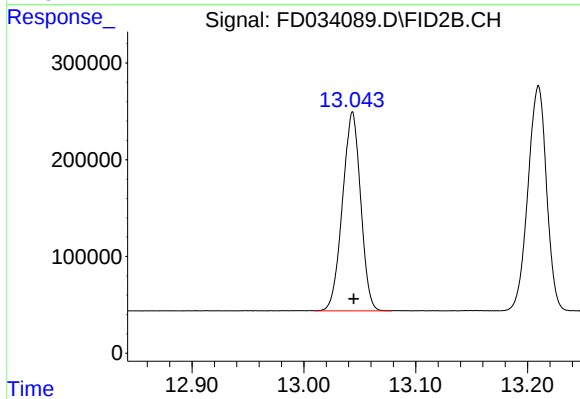
#10 n-Eicosane (C20)

R.T.: 12.600 min
Delta R.T.: -0.001 min
Response: 2709809
Conc: 21.18 ug/ml



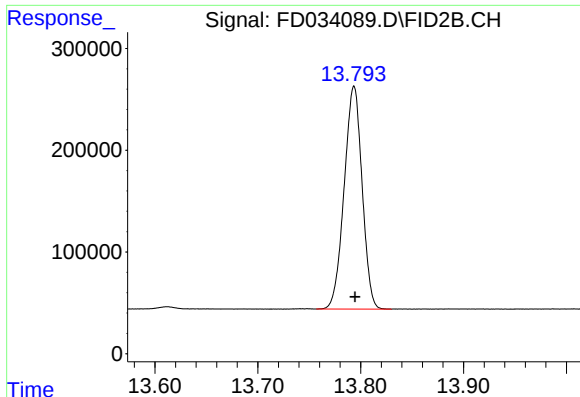
#11 n-Heneicosane (C21)

R.T.: 13.210 min
Delta R.T.: -0.002 min
Response: 2682317
Conc: 20.94 ug/ml



#12 1-chlorooctadecane (SURR)

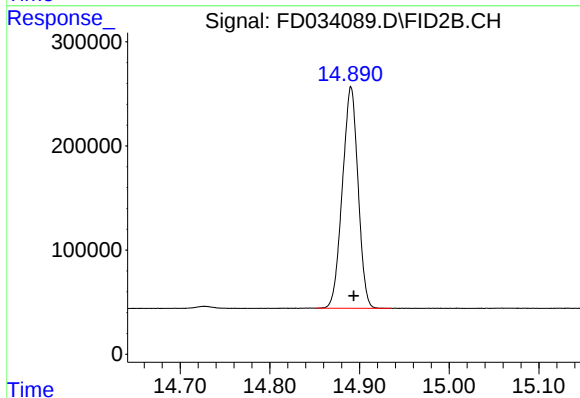
R.T.: 13.044 min
Delta R.T.: -0.001 min
Response: 2321890
Conc: 20.87 ug/ml



#13 n-Docosane (C22)

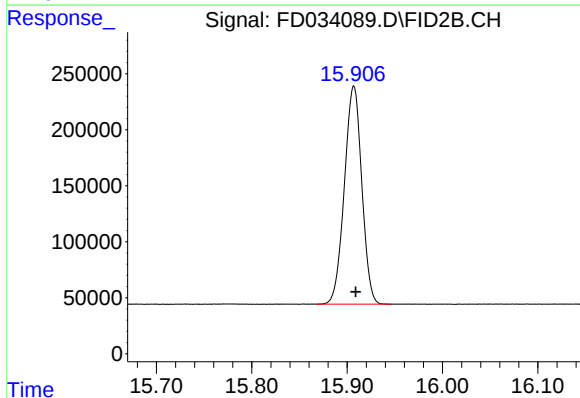
R.T.: 13.794 min
Delta R.T.: 0.000 min
Response: 2653613
Conc: 20.70 ug/ml

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20 PPM ALIPHATIC HC STD



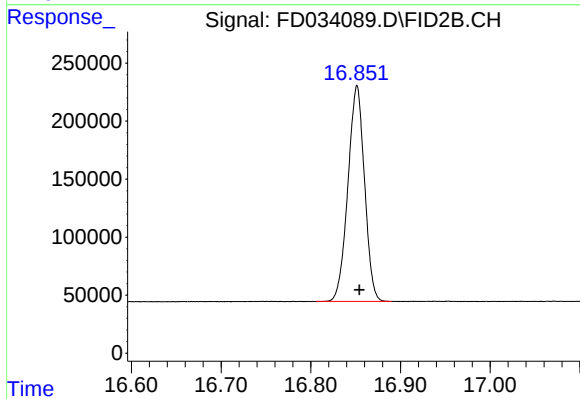
#14 n-Tetracosane (C24)

R.T.: 14.891 min
Delta R.T.: -0.003 min
Response: 2582088
Conc: 20.12 ug/ml



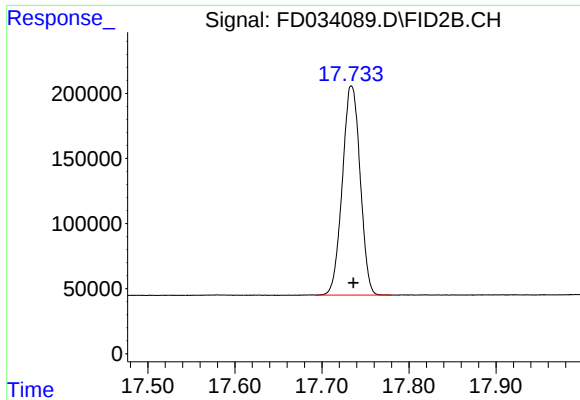
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: -0.002 min
Response: 2474041
Conc: 19.44 ug/ml



#16 n-Octacosane (C28)

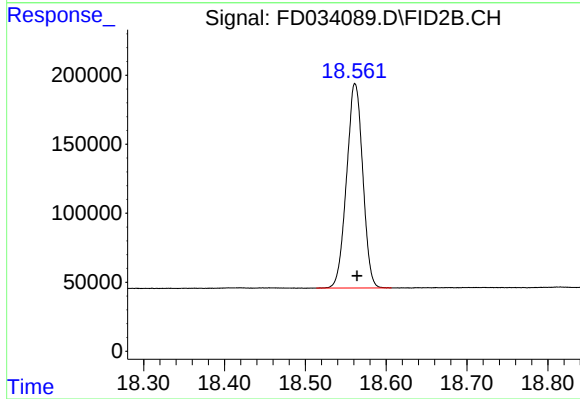
R.T.: 16.852 min
Delta R.T.: -0.002 min
Response: 2390549
Conc: 18.83 ug/ml



#17 n-Tricontane (C30)

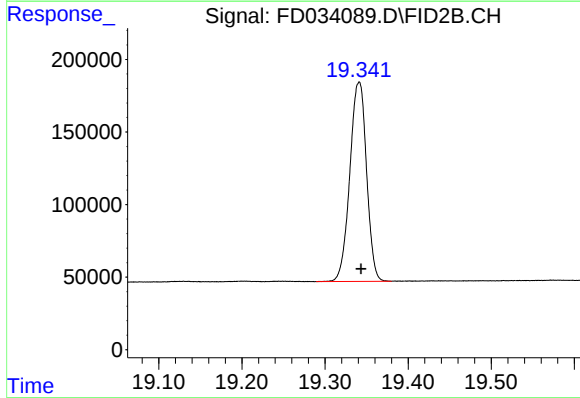
R.T.: 17.734 min
Delta R.T.: -0.002 min
Response: 2281720
Conc: 18.44 ug/ml

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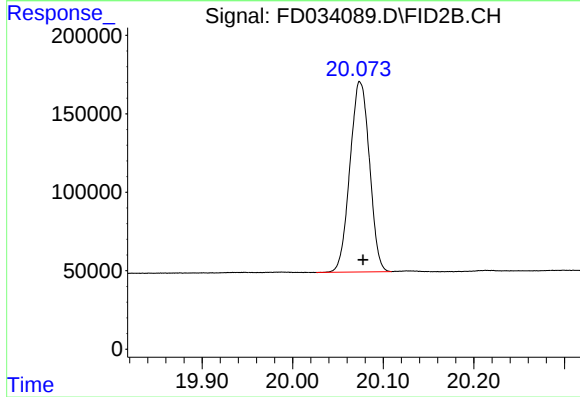
#18 n-Dotriacontane (C32)

R.T.: 18.562 min
Delta R.T.: -0.002 min
Response: 2060871
Conc: 18.29 ug/ml



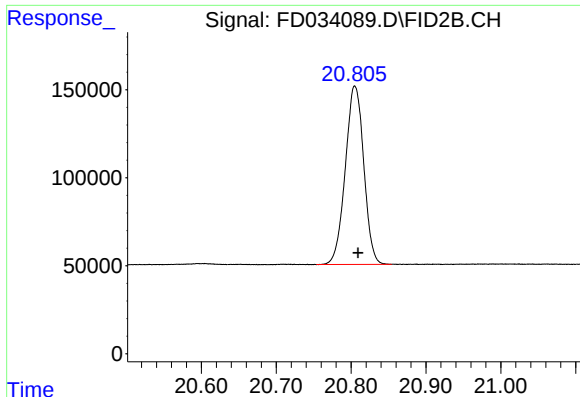
#19 n-Tetratriacontane (C34)

R.T.: 19.341 min
Delta R.T.: -0.003 min
Response: 1918465
Conc: 18.21 ug/ml



#20 n-Hexatriacontane (C36)

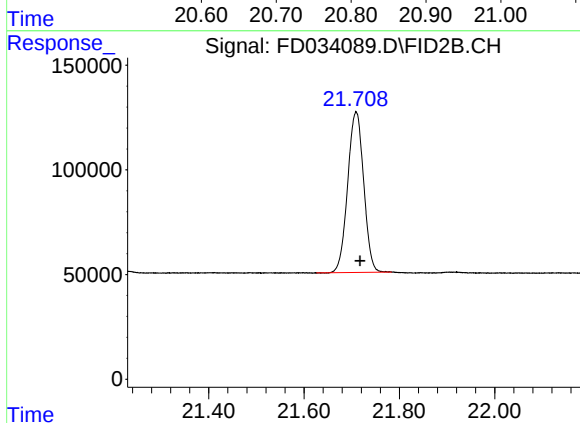
R.T.: 20.074 min
Delta R.T.: -0.004 min
Response: 1815324
Conc: 18.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: -0.004 min
Response: 1736330
Conc: 19.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: -0.008 min
Response: 1784535
Conc: 20.08 ug/ml