

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052422AL\
 Data File : FD042638.D
 Signal(s) : FID2B.CH
 Acq On : 25 May 2022 1:19
 Operator : UA/NP
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 25 05:03:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052422.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 05:03:16 2022
 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)	11.209	17153715	98.643 ug/ml
Spiked Amount 50.000		Recovery =	197.29%
12) S 1-chlorooctadecane (S...	12.645	13345444	98.127 ug/ml
Spiked Amount 50.000		Recovery =	196.25%
Target Compounds			
1) T n-Nonane (C9)	3.077	13993707	101.293 ug/ml
2) T n-Decane (C10)	4.121	13979848	102.553 ug/ml
3) T A~Naphthalene (C11.7)	5.670	15800397	108.672 ug/ml
4) T n-Dodecane (C12)	6.115	14462501	100.016 ug/ml
5) T A~2-methylnaphthalene...	6.717	15818703	111.853 ug/ml
6) T n-Tetradecane (C14)	7.892	14632884	100.433 ug/ml
7) T n-Hexadecane (C16)	9.478	14984876	100.252 ug/ml
8) T n-Octadecane (C18)	10.910	15370946	98.776 ug/ml
10) T n-Eicosane (C20)	12.207	15496078	97.155 ug/ml
11) T n-Heneicosane (C21)	12.815	15633398	96.922 ug/ml
13) T n-Docosane (C22)	13.397	15666228	96.529 ug/ml
14) T n-Tetracosane (C24)	14.492	15628747	96.313 ug/ml
15) T n-Hexacosane (C26)	15.506	15336570	96.217 ug/ml
16) T n-Octacosane (C28)	16.450	14886178	97.621 ug/ml
17) T n-Tricontane (C30)	17.332	14058560	99.569 ug/ml
18) T n-Dotriacontane (C32)	18.157	12710148	101.966 ug/ml
19) T n-Tetratriacontane (C34)	18.936	11358634	104.040 ug/ml
20) T n-Hexatriacontane (C36)	19.670	10058511	103.443 ug/ml
21) T n-Octatriacontane (C38)	20.367	9018327	106.154 ug/ml
22) T n-Tetracontane (C40)	21.135	6507861	109.018 ug/ml

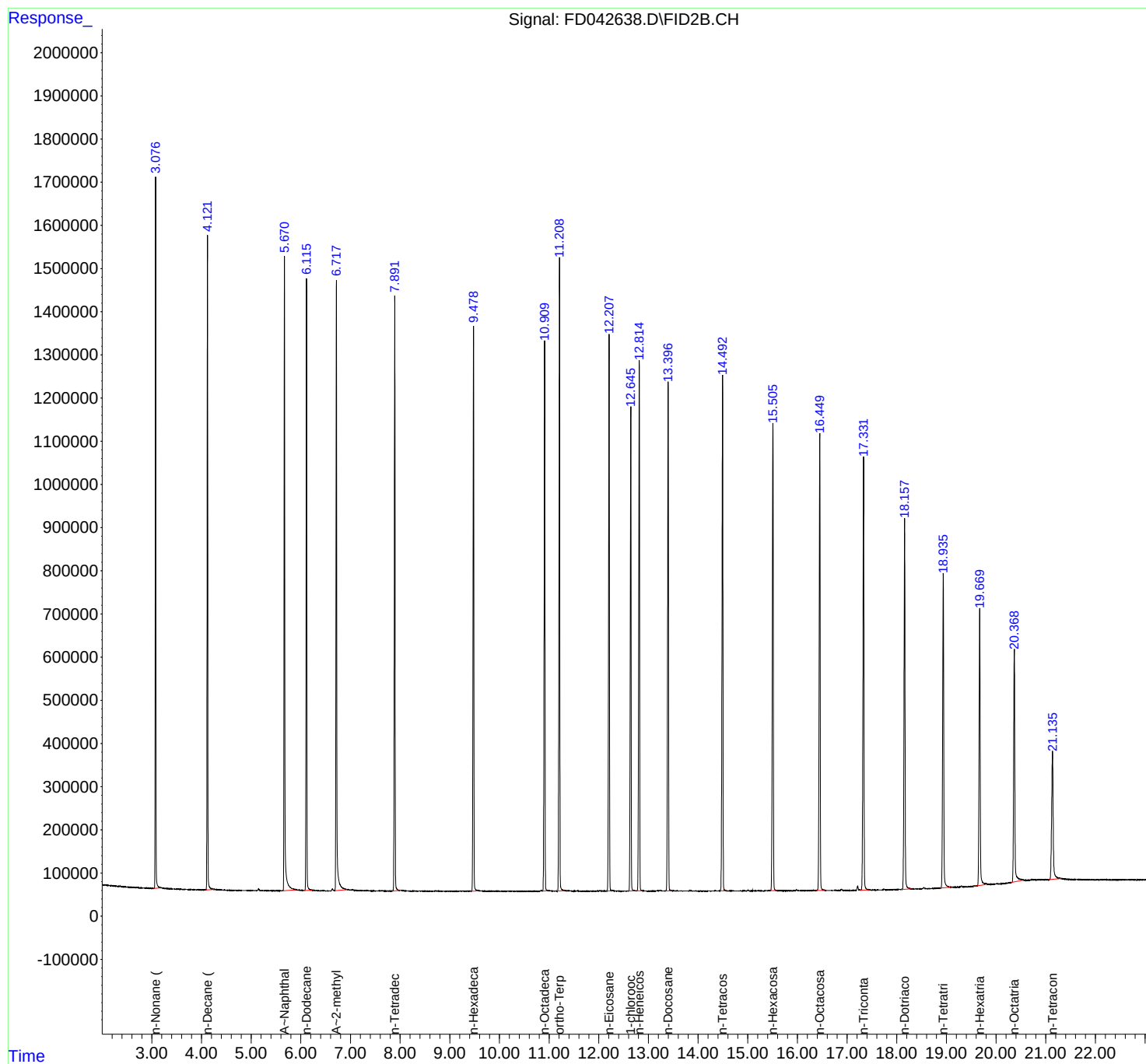
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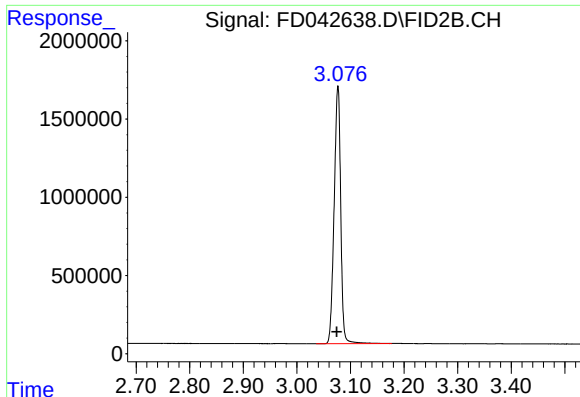
(m)=manual int.

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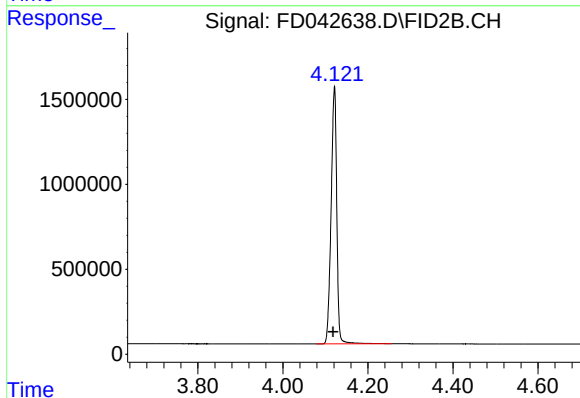
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Signal Info : 20M x 0.18mm x 0.18um





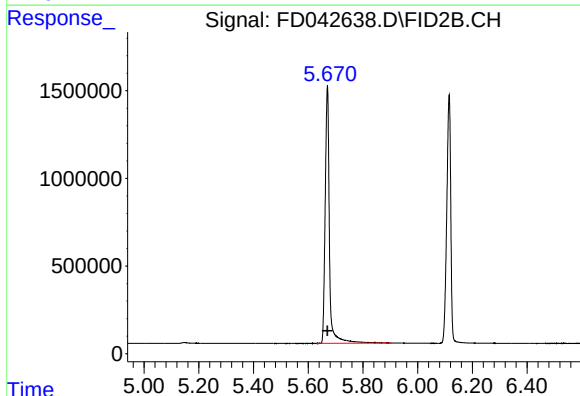
#1 n-Nonane (C9)

R.T.: 3.077 min
Delta R.T.: 0.003 min
Response: 13993707
Conc: 101.29 ug/ml



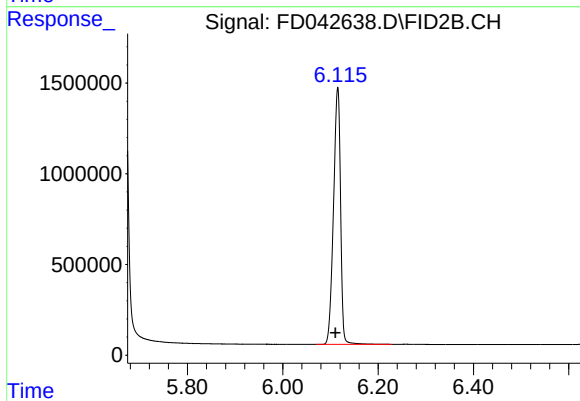
#2 n-Decane (C10)

R.T.: 4.121 min
Delta R.T.: 0.004 min
Response: 13979848
Conc: 102.55 ug/ml



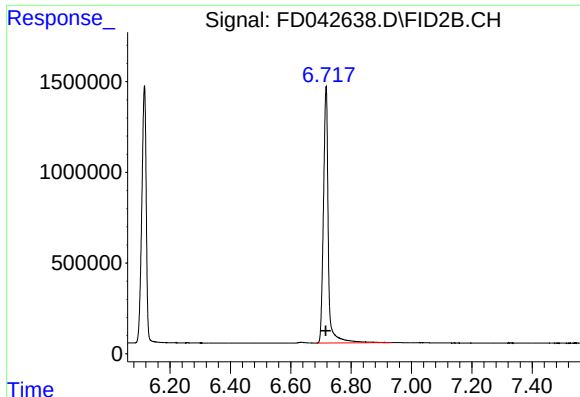
#3 A~Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 15800397
Conc: 108.67 ug/ml



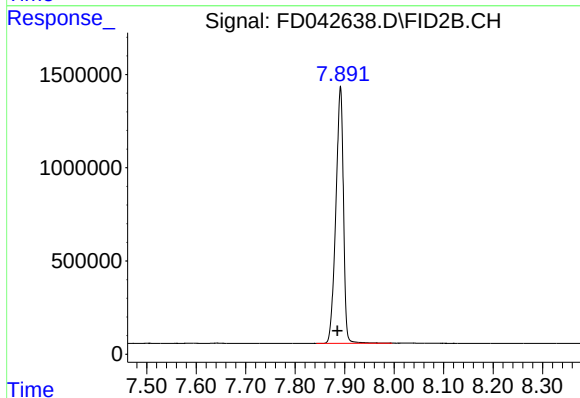
#4 n-Dodecane (C12)

R.T.: 6.115 min
Delta R.T.: 0.005 min
Response: 14462501
Conc: 100.02 ug/ml



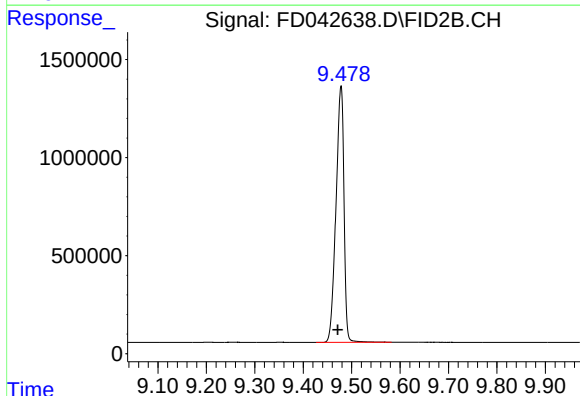
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 15818703
Conc: 111.85 ug/ml



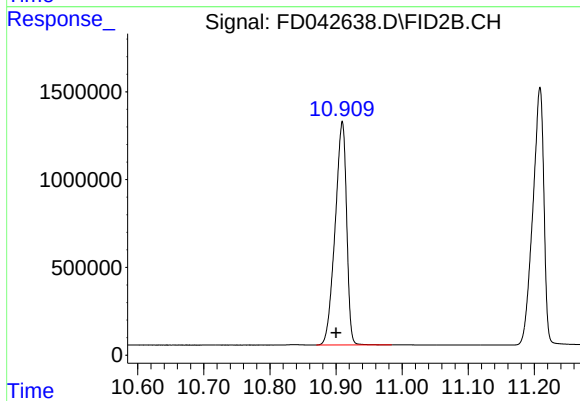
#6 n-Tetradecane (C14)

R.T.: 7.892 min
Delta R.T.: 0.006 min
Response: 14632884
Conc: 100.43 ug/ml



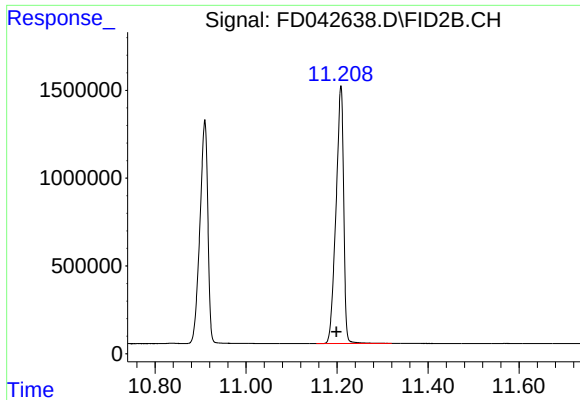
#7 n-Hexadecane (C16)

R.T.: 9.478 min
Delta R.T.: 0.007 min
Response: 14984876
Conc: 100.25 ug/ml



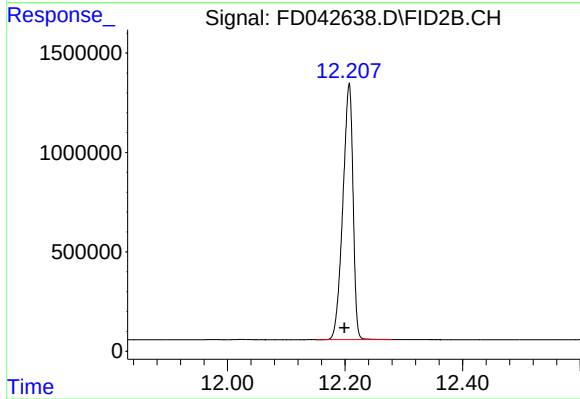
#8 n-Octadecane (C18)

R.T.: 10.910 min
Delta R.T.: 0.009 min
Response: 15370946
Conc: 98.78 ug/ml



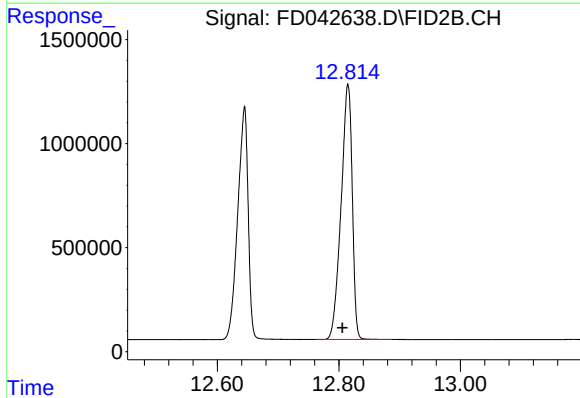
#9 ortho-Terphenyl (SURR)

R.T.: 11.209 min
Delta R.T.: 0.010 min
Response: 17153715
Conc: 98.64 ug/ml



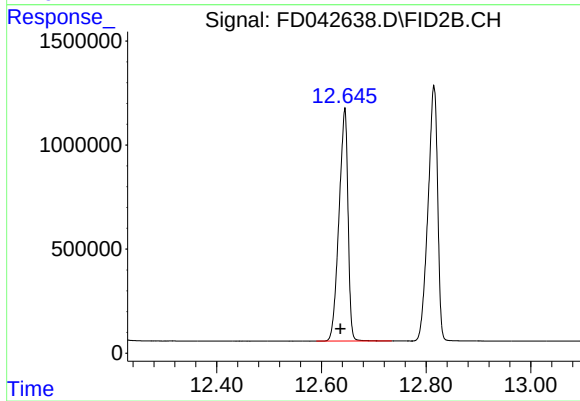
#10 n-Eicosane (C20)

R.T.: 12.207 min
Delta R.T.: 0.008 min
Response: 15496078
Conc: 97.15 ug/ml



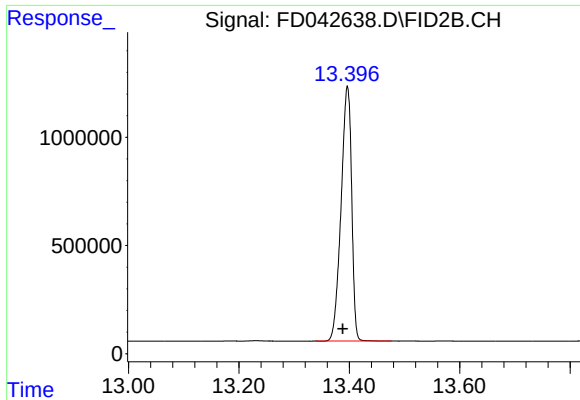
#11 n-Heneicosane (C21)

R.T.: 12.815 min
Delta R.T.: 0.009 min
Response: 15633398
Conc: 96.92 ug/ml



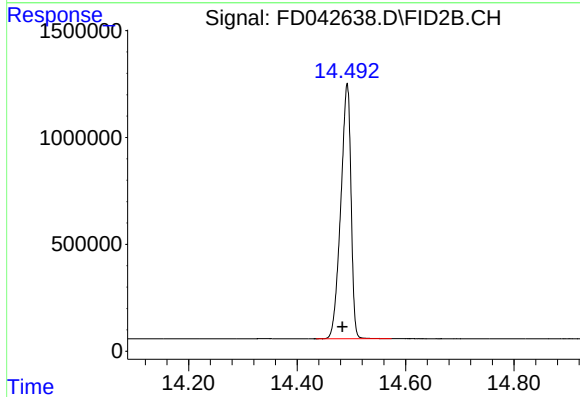
#12 1-chlorooctadecane (SURR)

R.T.: 12.645 min
Delta R.T.: 0.008 min
Response: 13345444
Conc: 98.13 ug/ml



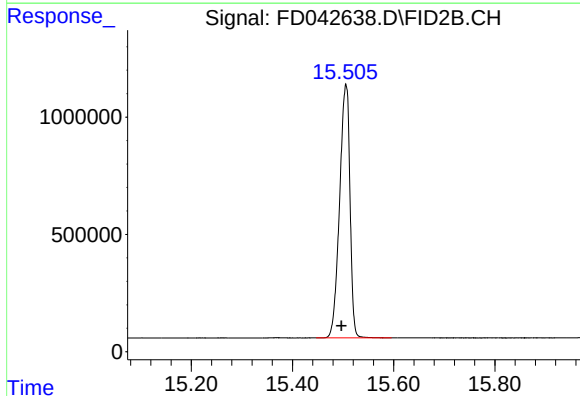
#13 n-Docosane (C22)

R.T.: 13.397 min
Delta R.T.: 0.008 min
Response: 15666228
Conc: 96.53 ug/ml



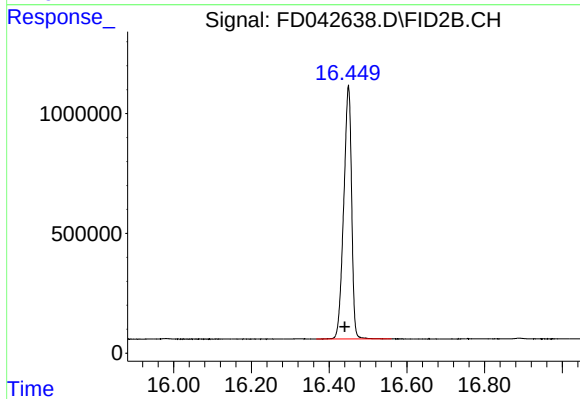
#14 n-Tetracosane (C24)

R.T.: 14.492 min
Delta R.T.: 0.009 min
Response: 15628747
Conc: 96.31 ug/ml



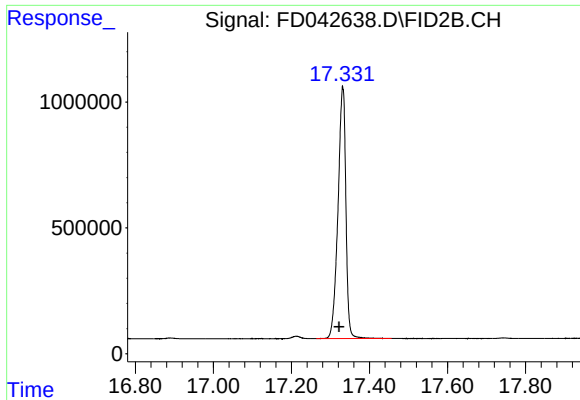
#15 n-Hexacosane (C26)

R.T.: 15.506 min
Delta R.T.: 0.009 min
Response: 15336570
Conc: 96.22 ug/ml



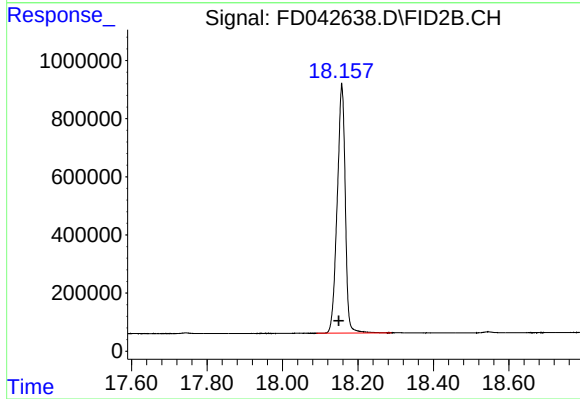
#16 n-Octacosane (C28)

R.T.: 16.450 min
Delta R.T.: 0.010 min
Response: 14886178
Conc: 97.62 ug/ml



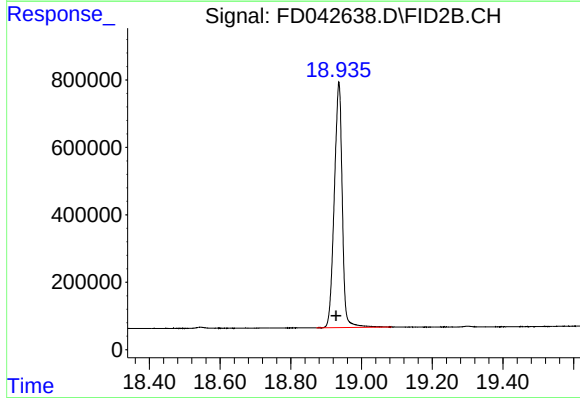
#17 n-Tricontane (C30)

R.T.: 17.332 min
Delta R.T.: 0.009 min
Response: 14058560
Conc: 99.57 ug/ml



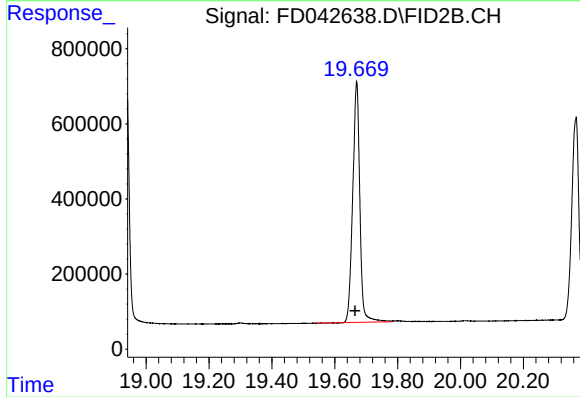
#18 n-Dotriacontane (C32)

R.T.: 18.157 min
Delta R.T.: 0.008 min
Response: 12710148
Conc: 101.97 ug/ml



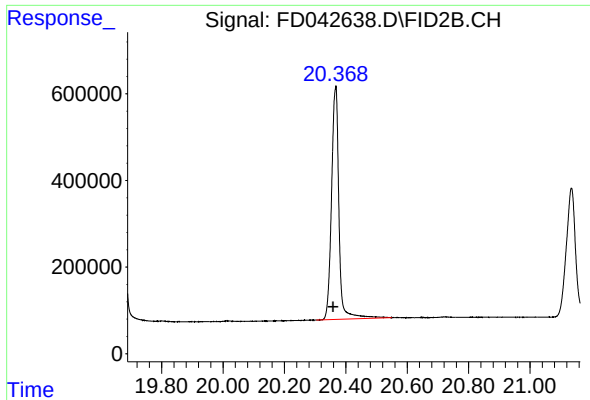
#19 n-Tetratriacontane (C34)

R.T.: 18.936 min
Delta R.T.: 0.008 min
Response: 11358634
Conc: 104.04 ug/ml



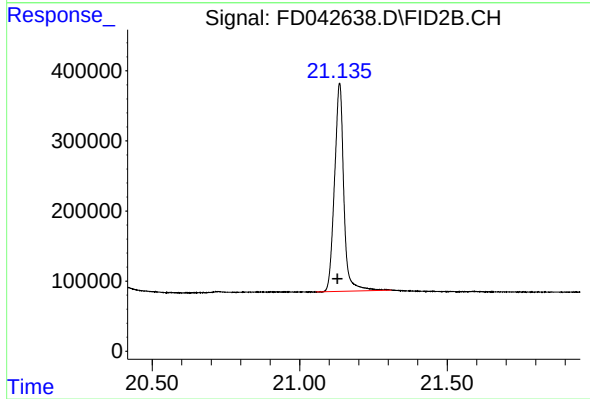
#20 n-Hexatriacontane (C36)

R.T.: 19.670 min
Delta R.T.: 0.005 min
Response: 10058511
Conc: 103.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.367 min
Delta R.T.: 0.009 min
Response: 9018327
Conc: 106.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.135 min
Delta R.T.: 0.007 min
Response: 6507861
Conc: 109.02 ug/ml