

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082322AL\
 Data File : FD043712.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2022 10:29
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 23 13:53:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 13:52:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.404	18111912	95.995 ug/ml
Spiked Amount 50.000		Recovery =	191.99%
12) S 1-chlorooctadecane (S...	12.815	14801863	97.704 ug/ml
Spiked Amount 50.000		Recovery =	195.41%
Target Compounds			
1) T n-Nonane (C9)	3.198	14992003	95.796 ug/ml
2) T n-Decane (C10)	4.254	15010176	96.487 ug/ml
3) T A~Naphthalene (C11.7)	5.841	16910096	101.245 ug/ml
4) T n-Dodecane (C12)	6.258	15245894	95.918 ug/ml
5) T A~2-methylnaphthalene...	6.891	16973319	100.330 ug/ml
6) T n-Tetradecane (C14)	8.043	15467914	95.830 ug/ml
7) T n-Hexadecane (C16)	9.634	15730017	95.396 ug/ml
8) T n-Octadecane (C18)	11.069	16177082	96.296 ug/ml
10) T n-Eicosane (C20)	12.369	16267835	96.235 ug/ml
11) T n-Heneicosane (C21)	12.977	16496173	96.654 ug/ml
13) T n-Docosane (C22)	13.560	16517367	97.031 ug/ml
14) T n-Tetracosane (C24)	14.655	16636517	97.915 ug/ml
15) T n-Hexacosane (C26)	15.669	16465257	98.538 ug/ml
16) T n-Octacosane (C28)	16.611	16123584	99.098 ug/ml
17) T n-Tricontane (C30)	17.491	15017801	99.016 ug/ml
18) T n-Dotriacontane (C32)	18.314	11788326	99.295 ug/ml
19) T n-Tetratriacontane (C34)	19.087	8248994	99.866 ug/ml
20) T n-Hexatriacontane (C36)	19.818	5968390	101.755 ug/ml
21) T n-Octatriacontane (C38)	20.515	4891404	100.471 ug/ml
22) T n-Tetracontane (C40)	21.312	4542583	99.274 ug/ml

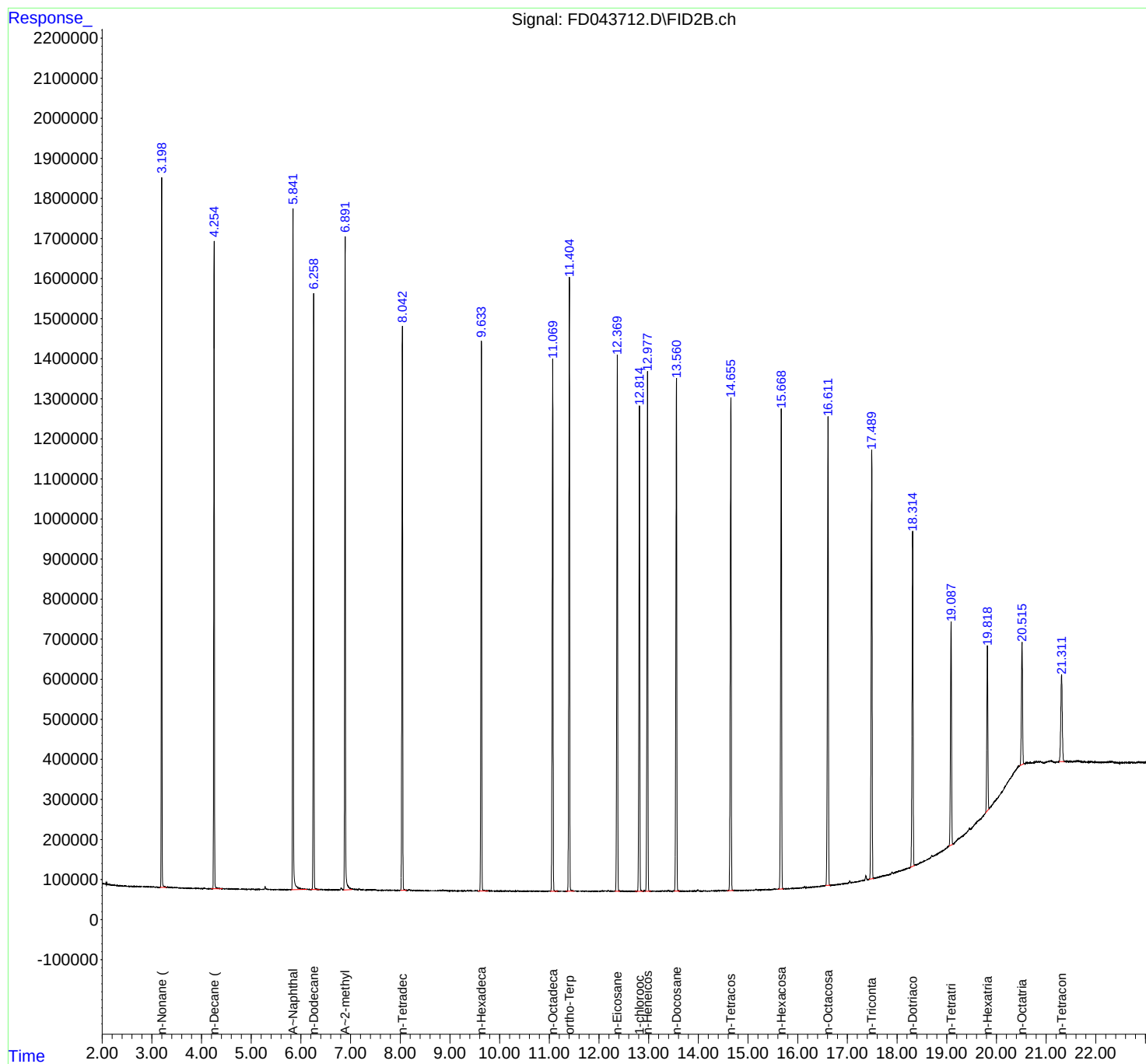
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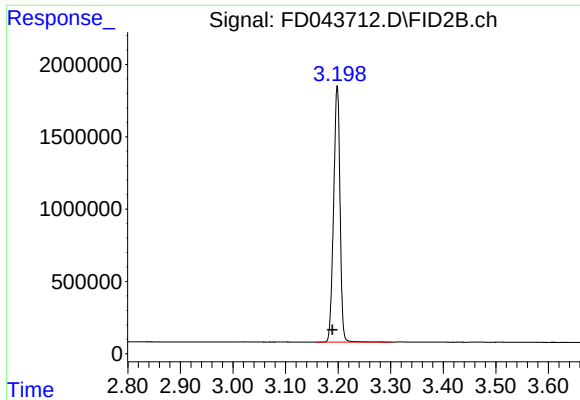
(m)=manual int.

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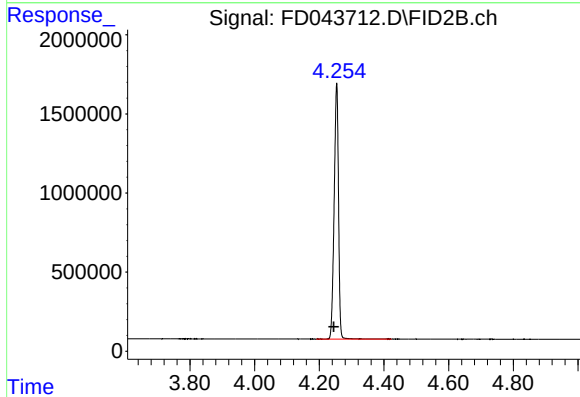
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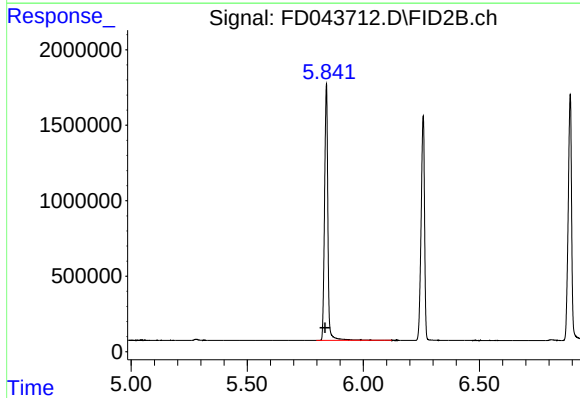
#1 n-Nonane (C9)

R.T.: 3.198 min
Delta R.T.: 0.009 min
Response: 14992003
Conc: 95.80 ug/ml



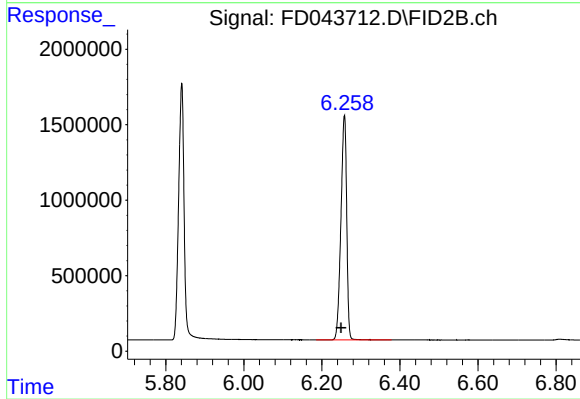
#2 n-Decane (C10)

R.T.: 4.254 min
Delta R.T.: 0.009 min
Response: 15010176
Conc: 96.49 ug/ml



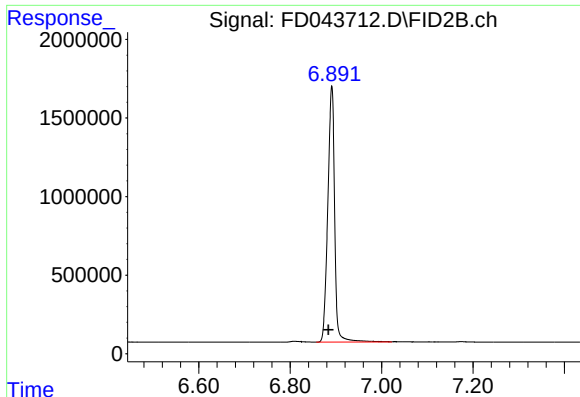
#3 A~Naphthalene (C11.7)

R.T.: 5.841 min
Delta R.T.: 0.007 min
Response: 16910096
Conc: 101.24 ug/ml



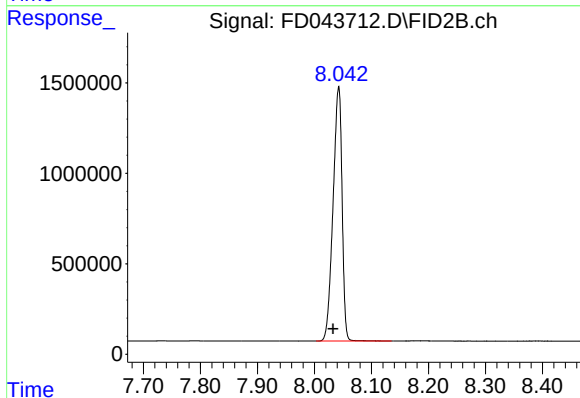
#4 n-Dodecane (C12)

R.T.: 6.258 min
Delta R.T.: 0.009 min
Response: 15245894
Conc: 95.92 ug/ml



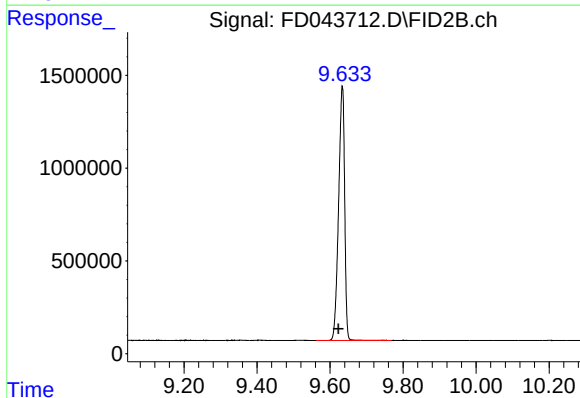
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.891 min
Delta R.T.: 0.008 min
Response: 16973319
Conc: 100.33 ug/ml



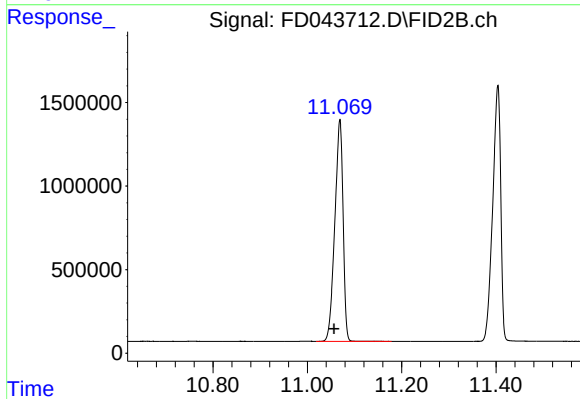
#6 n-Tetradecane (C14)

R.T.: 8.043 min
Delta R.T.: 0.009 min
Response: 15467914
Conc: 95.83 ug/ml



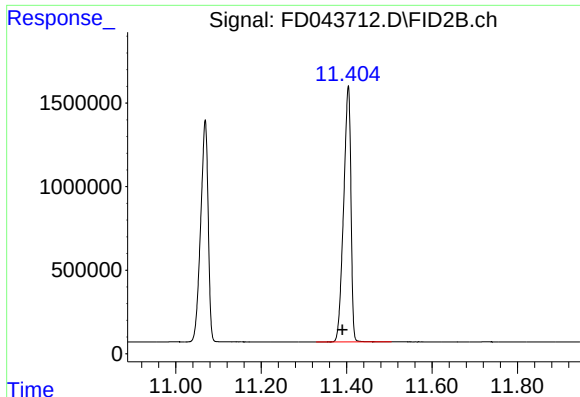
#7 n-Hexadecane (C16)

R.T.: 9.634 min
Delta R.T.: 0.010 min
Response: 15730017
Conc: 95.40 ug/ml



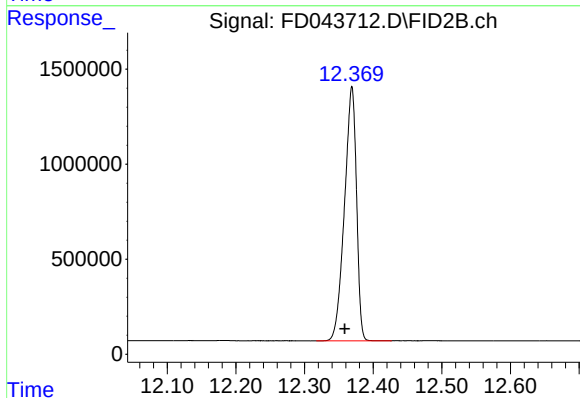
#8 n-Octadecane (C18)

R.T.: 11.069 min
Delta R.T.: 0.012 min
Response: 16177082
Conc: 96.30 ug/ml



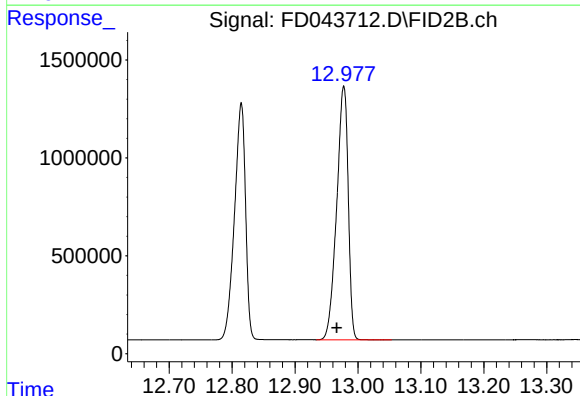
#9 ortho-Terphenyl (SURR)

R.T.: 11.404 min
Delta R.T.: 0.014 min
Response: 18111912
Conc: 95.99 ug/ml



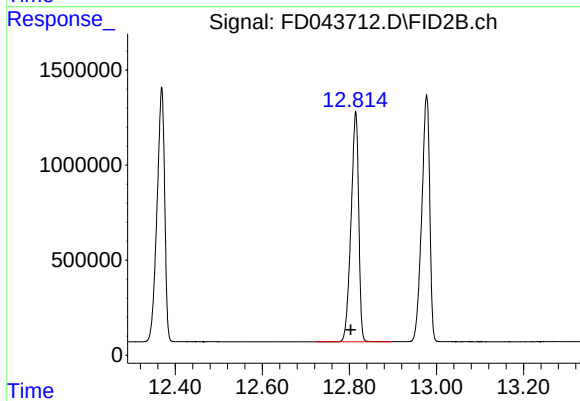
#10 n-Eicosane (C20)

R.T.: 12.369 min
Delta R.T.: 0.011 min
Response: 16267835
Conc: 96.24 ug/ml



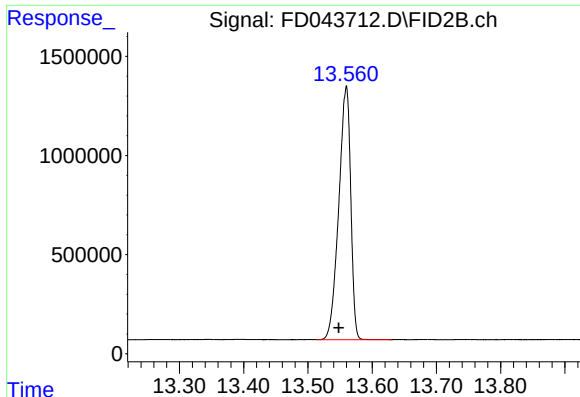
#11 n-Heneicosane (C21)

R.T.: 12.977 min
Delta R.T.: 0.011 min
Response: 16496173
Conc: 96.65 ug/ml



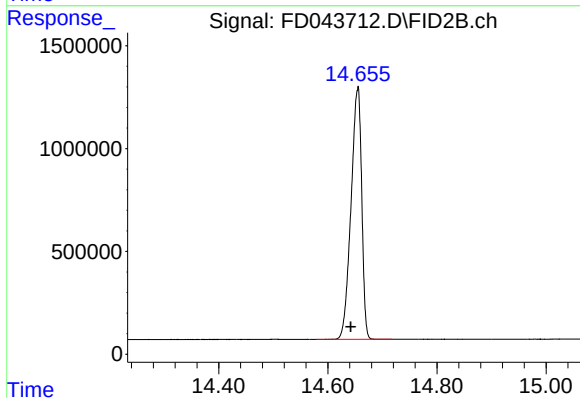
#12 1-chlorooctadecane (SURR)

R.T.: 12.815 min
Delta R.T.: 0.011 min
Response: 14801863
Conc: 97.70 ug/ml



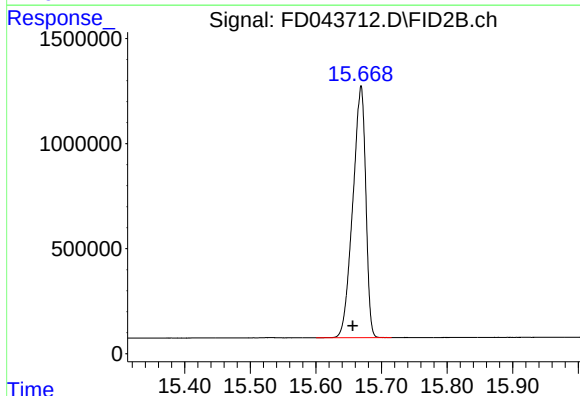
#13 n-Docosane (C22)

R.T.: 13.560 min
Delta R.T.: 0.012 min
Response: 16517367
Conc: 97.03 ug/ml



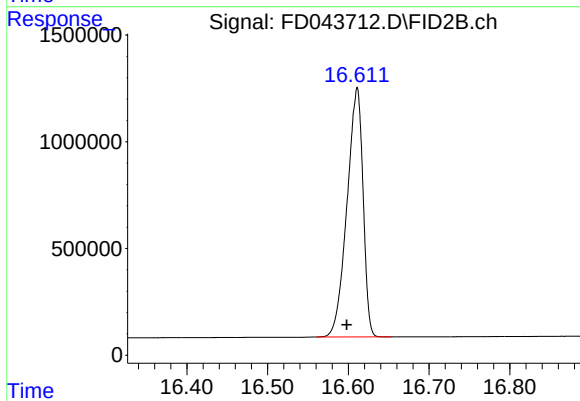
#14 n-Tetracosane (C24)

R.T.: 14.655 min
Delta R.T.: 0.013 min
Response: 16636517
Conc: 97.91 ug/ml



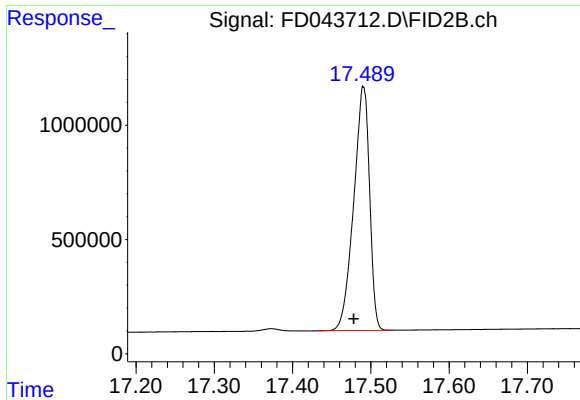
#15 n-Hexacosane (C26)

R.T.: 15.669 min
Delta R.T.: 0.013 min
Response: 16465257
Conc: 98.54 ug/ml



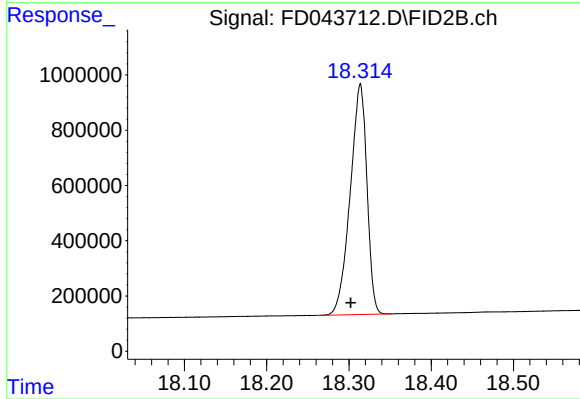
#16 n-Octacosane (C28)

R.T.: 16.611 min
Delta R.T.: 0.013 min
Response: 16123584
Conc: 99.10 ug/ml



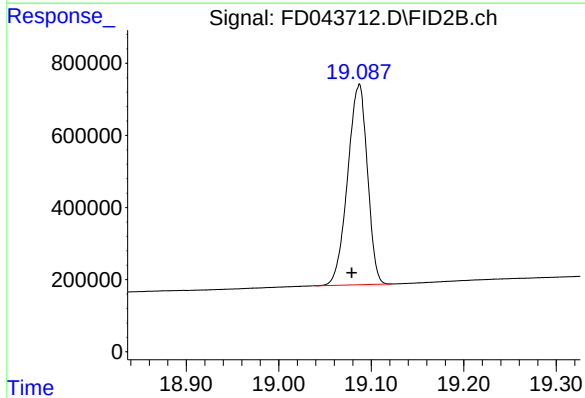
#17 n-Tricontane (C30)

R.T.: 17.491 min
Delta R.T.: 0.012 min
Response: 15017801
Conc: 99.02 ug/ml



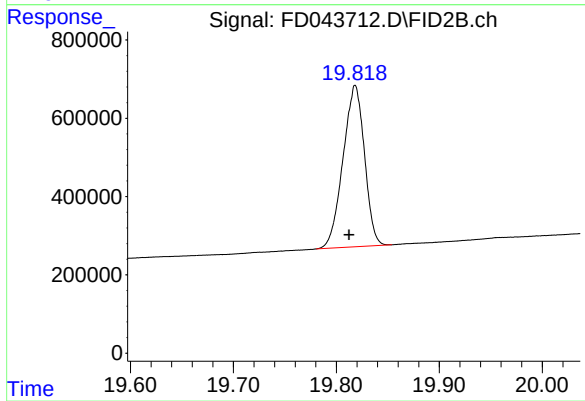
#18 n-Dotriacontane (C32)

R.T.: 18.314 min
Delta R.T.: 0.011 min
Response: 11788326
Conc: 99.29 ug/ml



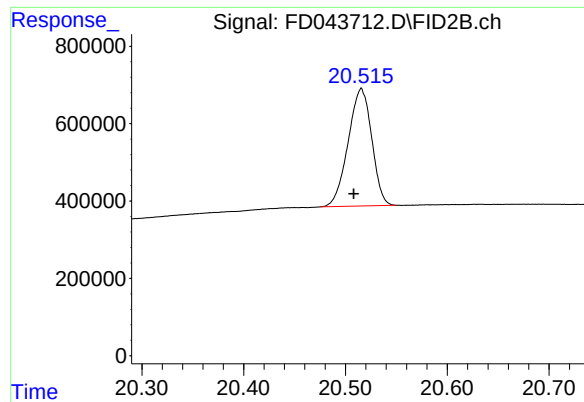
#19 n-Tetratriacontane (C34)

R.T.: 19.087 min
Delta R.T.: 0.008 min
Response: 8248994
Conc: 99.87 ug/ml



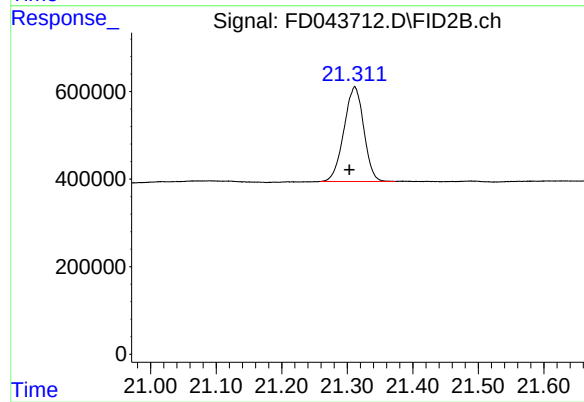
#20 n-Hexatriacontane (C36)

R.T.: 19.818 min
Delta R.T.: 0.006 min
Response: 5968390
Conc: 101.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.515 min
Delta R.T.: 0.007 min
Response: 4891404
Conc: 100.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.312 min
Delta R.T.: 0.008 min
Response: 4542583
Conc: 99.27 ug/ml