

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082322AL\
 Data File : FD043719.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2022 19:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 24 01:33:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 15:38:00 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)	11.379	3789376	19.907 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
12) S 1-chlorooctadecane (S...	12.792	3058666	19.890 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
Target Compounds			
1) T n-Nonane (C9)	3.183	3132556	19.794 ug/ml
2) T n-Decane (C10)	4.238	3123506	19.878 ug/ml
3) T A~Naphthalene (C11.7)	5.827	3306765	19.872 ug/ml
4) T n-Dodecane (C12)	6.242	3201420	19.880 ug/ml
5) T A~2-methylnaphthalene...	6.875	3299168	19.983 ug/ml
6) T n-Tetradecane (C14)	8.025	3248510	19.919 ug/ml
7) T n-Hexadecane (C16)	9.615	3306536	19.846 ug/ml
8) T n-Octadecane (C18)	11.047	3410580	19.936 ug/ml
10) T n-Eicosane (C20)	12.348	3412352	19.904 ug/ml
11) T n-Heneicosane (C21)	12.955	3446120	19.840 ug/ml
13) T n-Docosane (C22)	13.537	3445208	19.899 ug/ml
14) T n-Tetracosane (C24)	14.631	3458255	19.969 ug/ml
15) T n-Hexacosane (C26)	15.645	3399014	19.899 ug/ml
16) T n-Octacosane (C28)	16.586	3327814	20.040 ug/ml
17) T n-Tricontane (C30)	17.466	3100433	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.291	2407198	19.695 ug/ml
19) T n-Tetratriacontane (C34)	19.067	1675414	19.874 ug/ml
20) T n-Hexatriacontane (C36)	19.800	1198686	20.095 ug/ml
21) T n-Octatriacontane (C38)	20.496	931066	18.914 ug/ml
22) T n-Tetracontane (C40)	21.286	999948	21.643 ug/ml

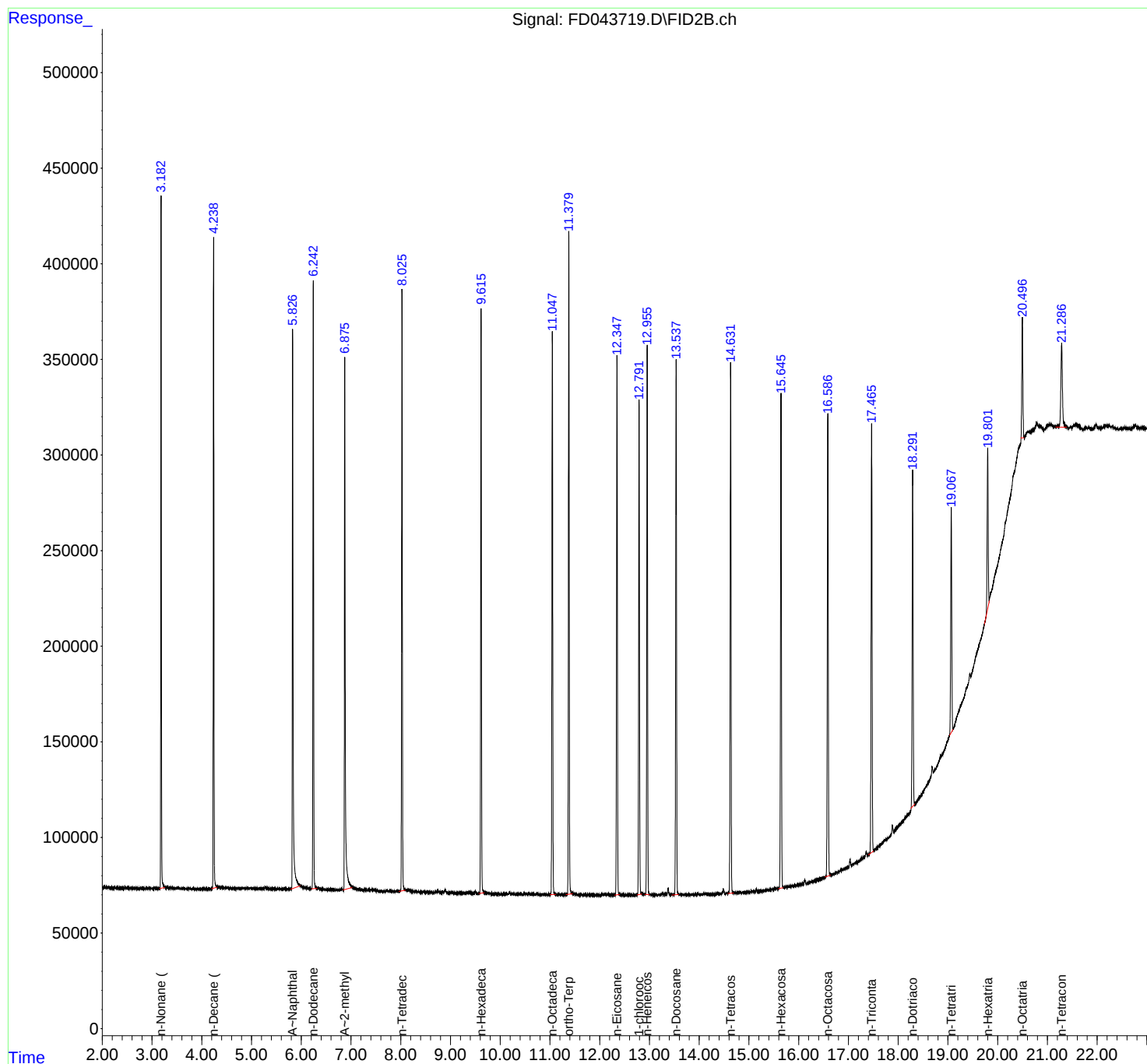
(f)=RT Delta > 1/2 Window

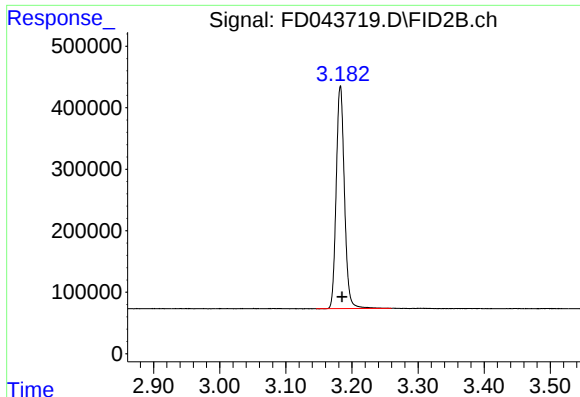
(m)=manual int.

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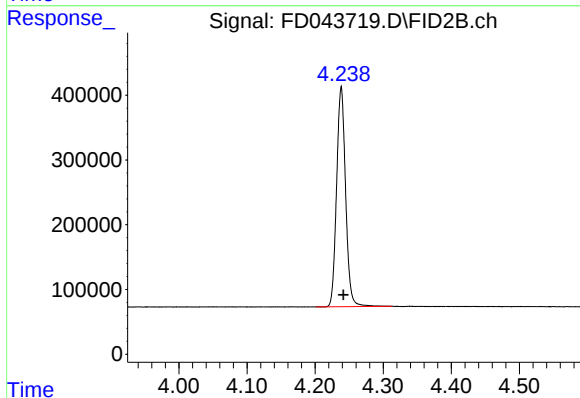
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





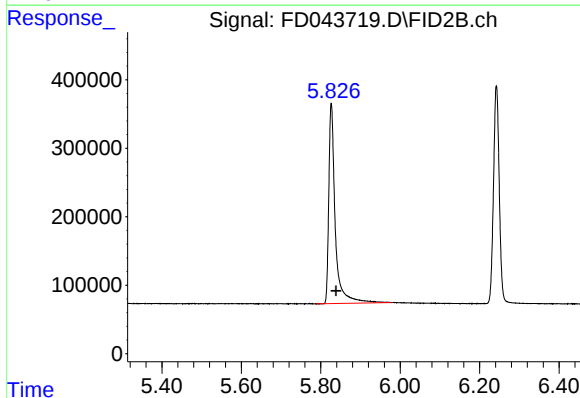
#1 n-Nonane (C9)

R.T.: 3.183 min
Delta R.T.: -0.002 min
Response: 3132556
Conc: 19.79 ug/ml



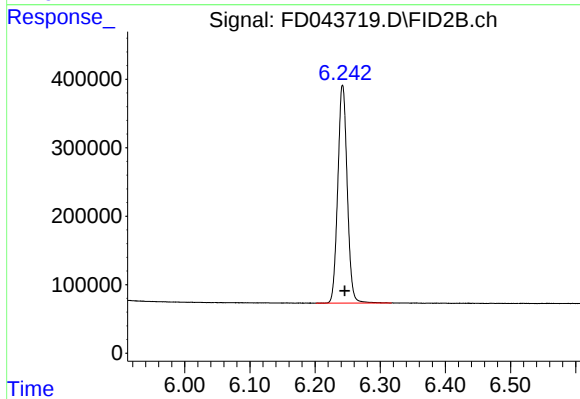
#2 n-Decane (C10)

R.T.: 4.238 min
Delta R.T.: -0.003 min
Response: 3123506
Conc: 19.88 ug/ml



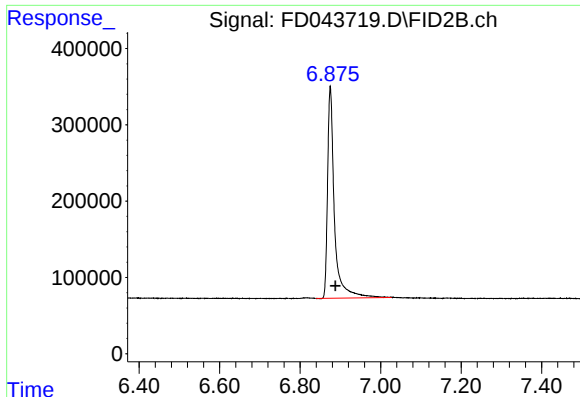
#3 A~Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: -0.012 min
Response: 3306765
Conc: 19.87 ug/ml



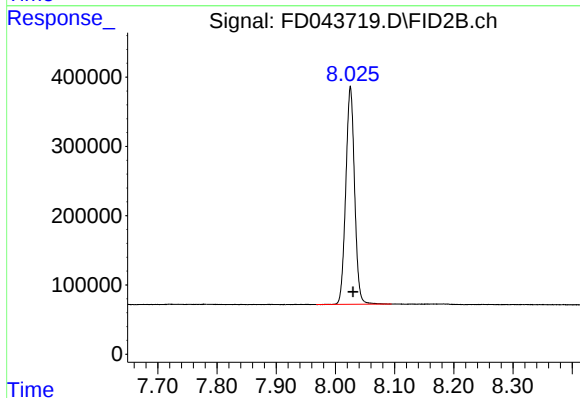
#4 n-Dodecane (C12)

R.T.: 6.242 min
Delta R.T.: -0.003 min
Response: 3201420
Conc: 19.88 ug/ml



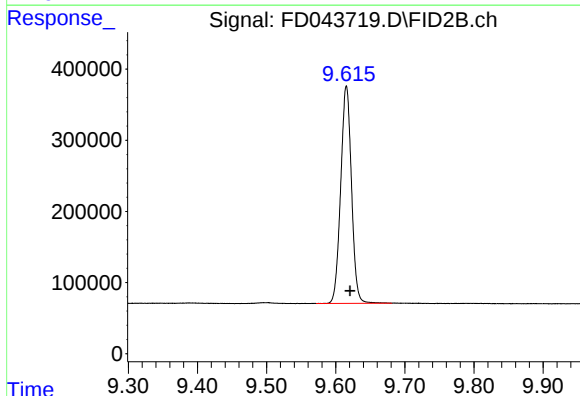
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: -0.013 min
Response: 3299168
Conc: 19.98 ug/ml



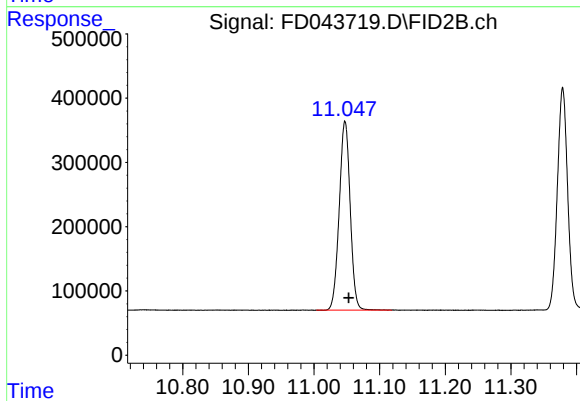
#6 n-Tetradecane (C14)

R.T.: 8.025 min
Delta R.T.: -0.004 min
Response: 3248510
Conc: 19.92 ug/ml



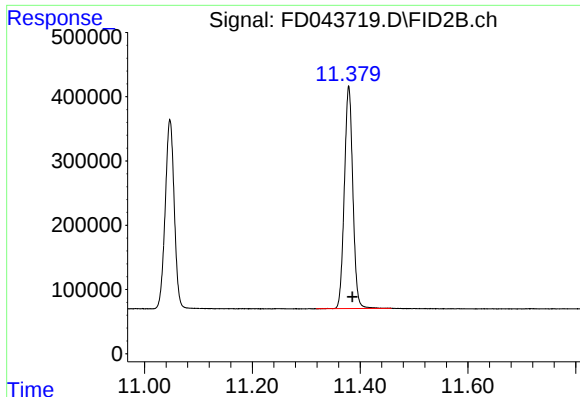
#7 n-Hexadecane (C16)

R.T.: 9.615 min
Delta R.T.: -0.005 min
Response: 3306536
Conc: 19.85 ug/ml



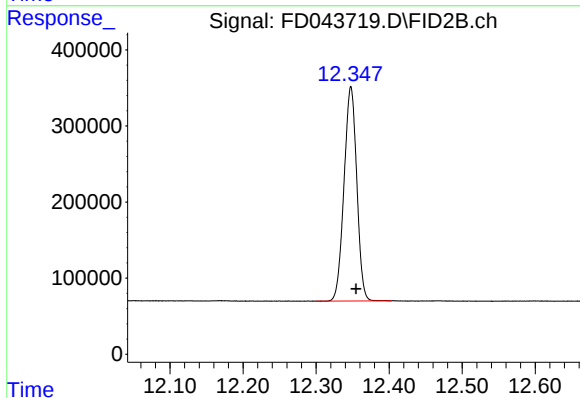
#8 n-Octadecane (C18)

R.T.: 11.047 min
Delta R.T.: -0.006 min
Response: 3410580
Conc: 19.94 ug/ml



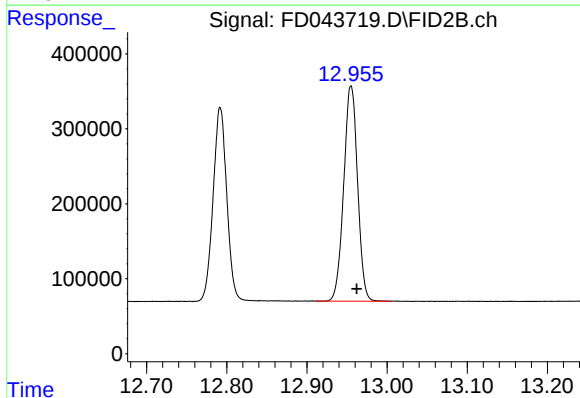
#9 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: -0.007 min
Response: 3789376
Conc: 19.91 ug/ml



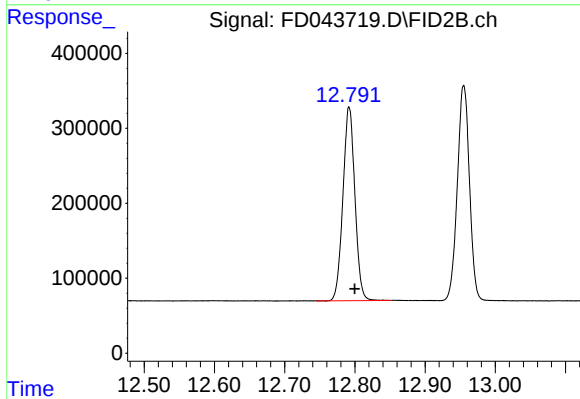
#10 n-Eicosane (C20)

R.T.: 12.348 min
Delta R.T.: -0.007 min
Response: 3412352
Conc: 19.90 ug/ml



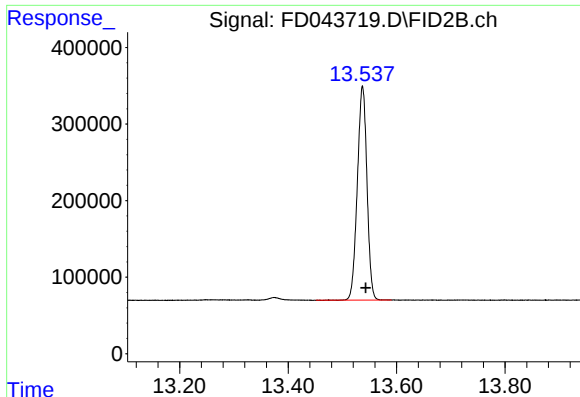
#11 n-Heneicosane (C21)

R.T.: 12.955 min
Delta R.T.: -0.007 min
Response: 3446120
Conc: 19.84 ug/ml



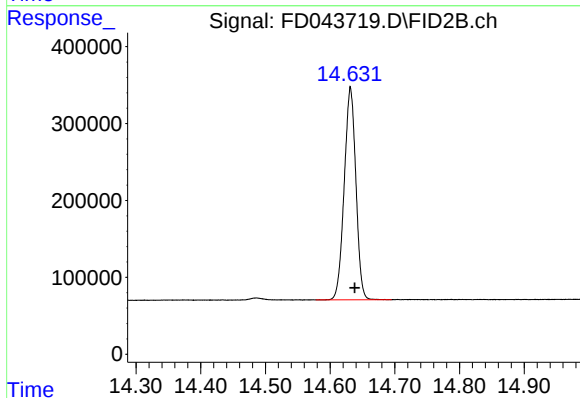
#12 1-chlorooctadecane (SURR)

R.T.: 12.792 min
Delta R.T.: -0.008 min
Response: 3058666
Conc: 19.89 ug/ml



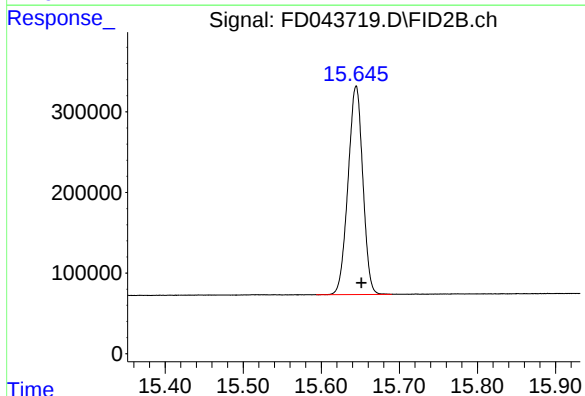
#13 n-Docosane (C22)

R.T.: 13.537 min
Delta R.T.: -0.006 min
Response: 3445208
Conc: 19.90 ug/ml



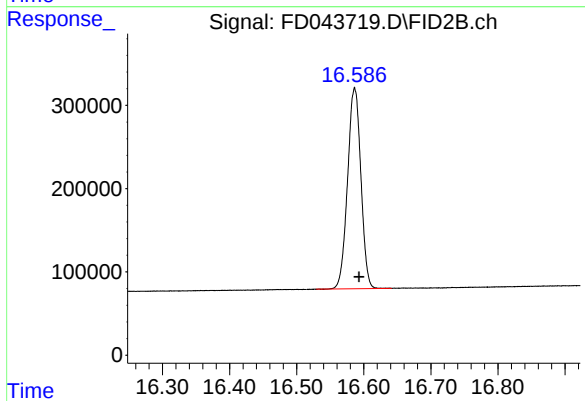
#14 n-Tetracosane (C24)

R.T.: 14.631 min
Delta R.T.: -0.007 min
Response: 3458255
Conc: 19.97 ug/ml



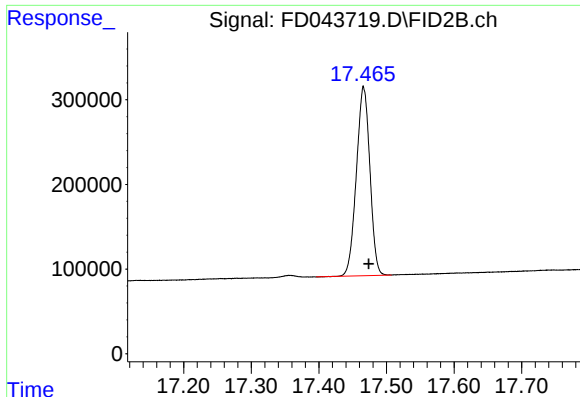
#15 n-Hexacosane (C26)

R.T.: 15.645 min
Delta R.T.: -0.007 min
Response: 3399014
Conc: 19.90 ug/ml



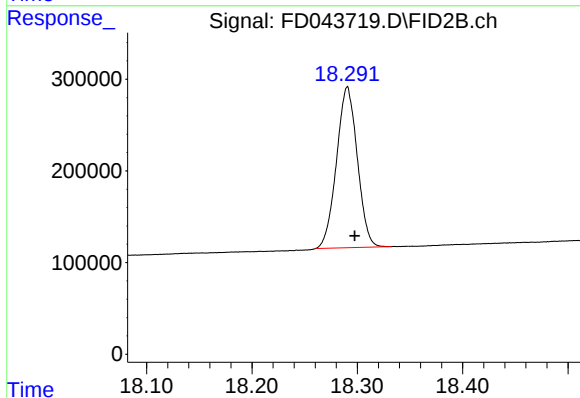
#16 n-Octacosane (C28)

R.T.: 16.586 min
Delta R.T.: -0.007 min
Response: 3327814
Conc: 20.04 ug/ml



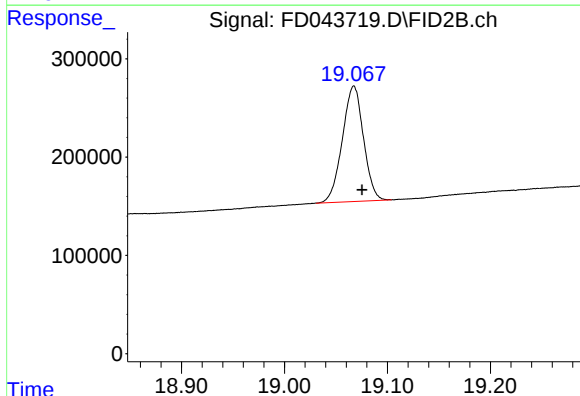
#17 n-Tricontane (C30)

R.T.: 17.466 min
Delta R.T.: -0.008 min
Response: 3100433
Conc: 20.00 ug/ml



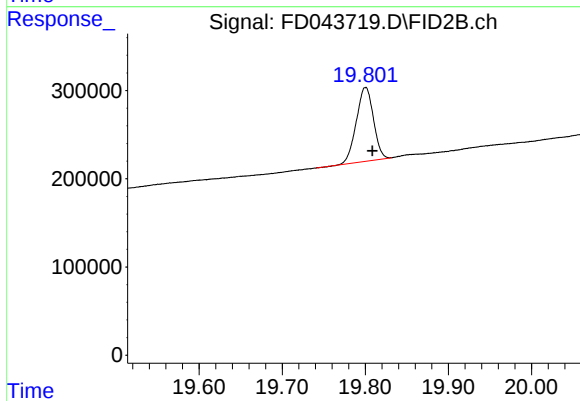
#18 n-Dotriacontane (C32)

R.T.: 18.291 min
Delta R.T.: -0.007 min
Response: 2407198
Conc: 19.70 ug/ml



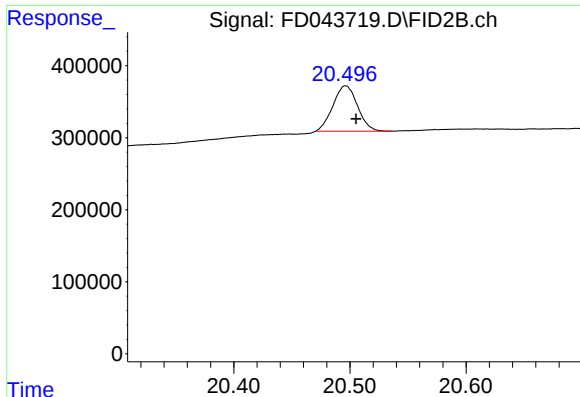
#19 n-Tetratriacontane (C34)

R.T.: 19.067 min
Delta R.T.: -0.008 min
Response: 1675414
Conc: 19.87 ug/ml



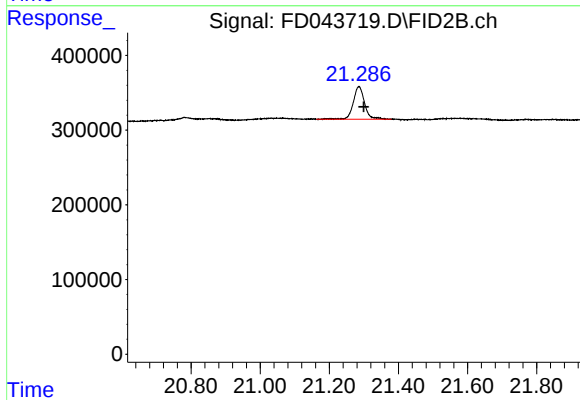
#20 n-Hexatriacontane (C36)

R.T.: 19.800 min
Delta R.T.: -0.008 min
Response: 1198686
Conc: 20.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.496 min
Delta R.T.: -0.009 min
Response: 931066
Conc: 18.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.286 min
Delta R.T.: -0.014 min
Response: 999948
Conc: 21.64 ug/ml