

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072722AL\
 Data File : FD043388.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jul 2022 03:39
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 28 04:15:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 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)	11.531	3153028	19.919 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
12) S 1-chlorooctadecane (S...	12.967	2427039	19.803 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
Target Compounds			
1) T n-Nonane (C9)	3.312	2981738	21.273 ug/ml
2) T n-Decane (C10)	4.377	3006127	21.380 ug/ml
3) T A~Naphthalene (C11.7)	5.956	3228799	21.250 ug/ml
4) T n-Dodecane (C12)	6.391	2997296	21.059 ug/ml
5) T A~2-methylnaphthalene...	7.010	3180019	21.253 ug/ml
6) T n-Tetradecane (C14)	8.182	2967890	20.922 ug/ml
7) T n-Hexadecane (C16)	9.780	2970233	20.942 ug/ml
8) T n-Octadecane (C18)	11.219	2964158	20.730 ug/ml
10) T n-Eicosane (C20)	12.525	2918104	20.154 ug/ml
11) T n-Heneicosane (C21)	13.136	2879571	19.826 ug/ml
13) T n-Docosane (C22)	13.720	2869933	19.782 ug/ml
14) T n-Tetracosane (C24)	14.820	2820162	19.467 ug/ml
15) T n-Hexacosane (C26)	15.838	2727736	18.964 ug/ml
16) T n-Octacosane (C28)	16.785	2676229	18.918 ug/ml
17) T n-Tricontane (C30)	17.670	2680986	18.995 ug/ml
18) T n-Dotriacontane (C32)	18.499	2669961	19.307 ug/ml
19) T n-Tetratriacontane (C34)	19.281	2496557	19.401 ug/ml
20) T n-Hexatriacontane (C36)	20.016	2466849	19.999 ug/ml
21) T n-Octatriacontane (C38)	20.738	2647281	22.387 ug/ml
22) T n-Tetracontane (C40)	21.616	2413739	21.347 ug/mlm

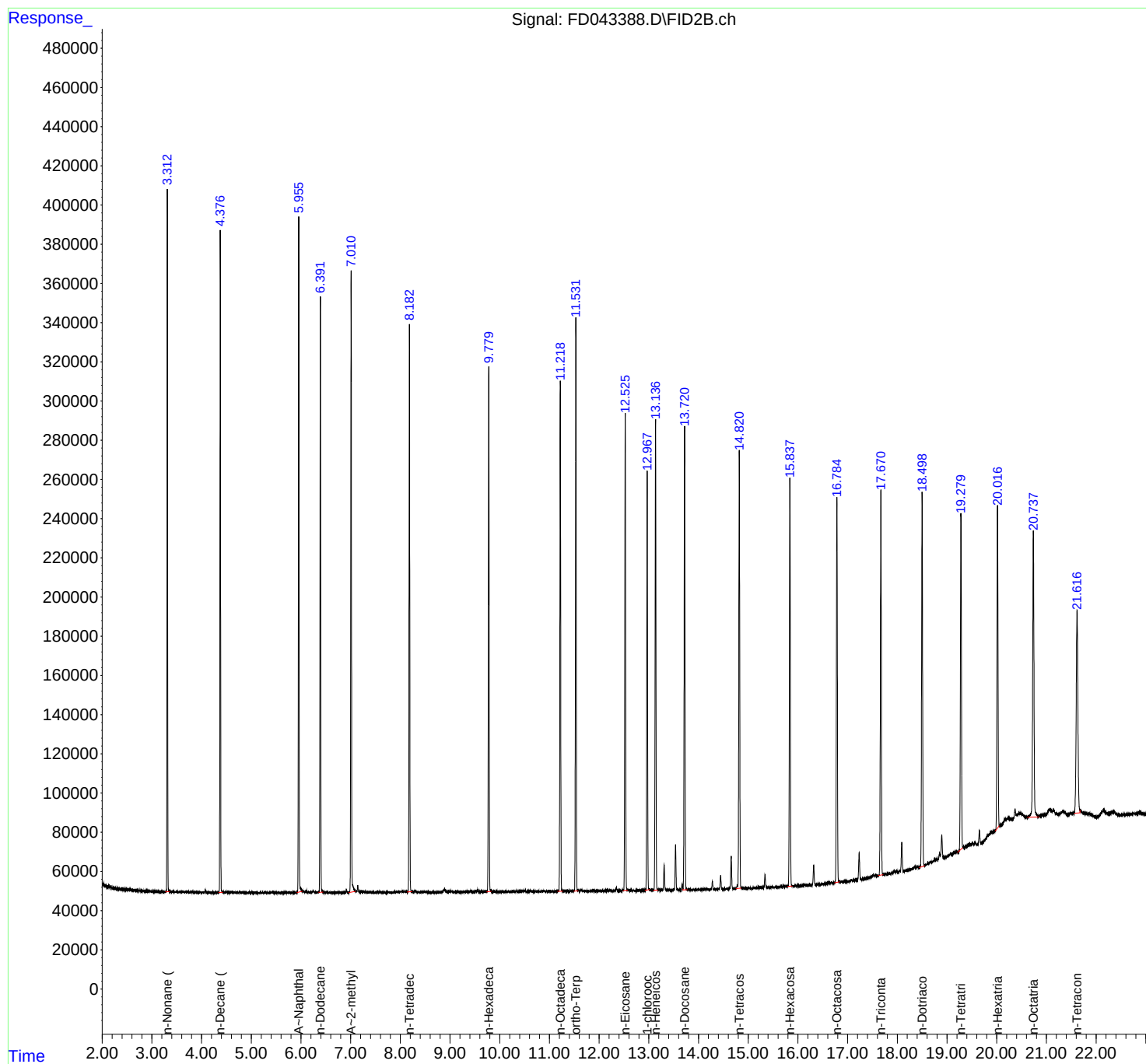
(f)=RT Delta > 1/2 Window

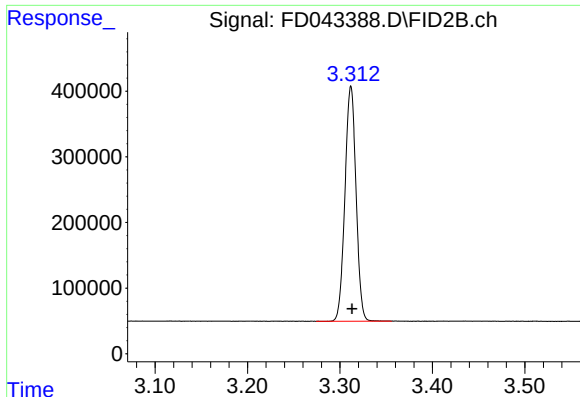
(m)=manual int.

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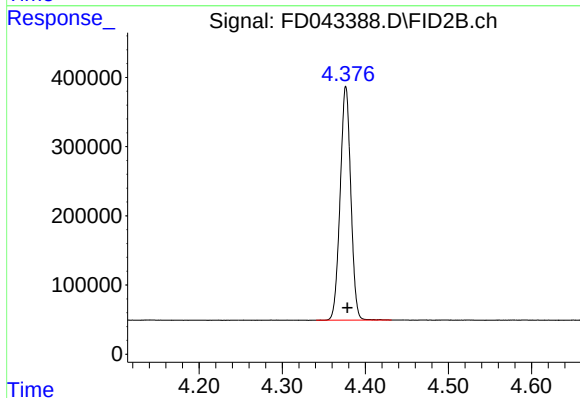
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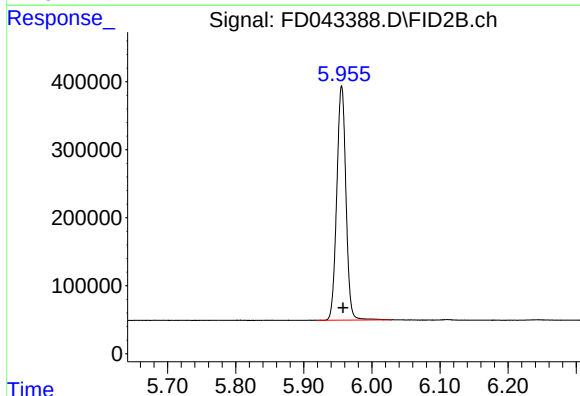
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: -0.001 min
Response: 2981738
Conc: 21.27 ug/ml



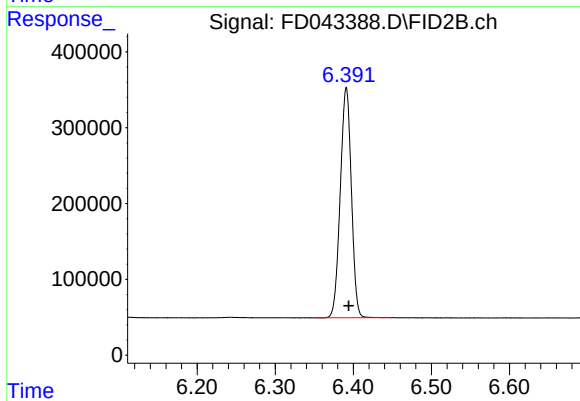
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.002 min
Response: 3006127
Conc: 21.38 ug/ml



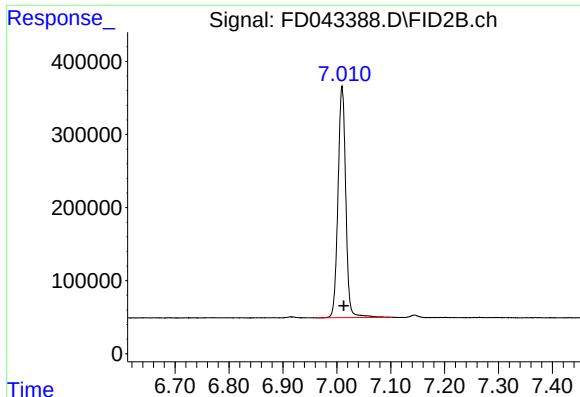
#3 A~Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: -0.002 min
Response: 3228799
Conc: 21.25 ug/ml



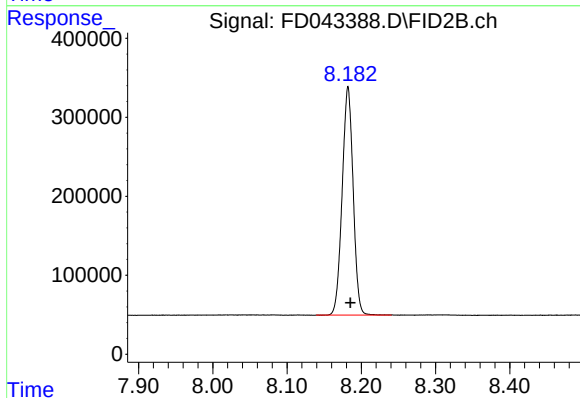
#4 n-Dodecane (C12)

R.T.: 6.391 min
Delta R.T.: -0.003 min
Response: 2997296
Conc: 21.06 ug/ml



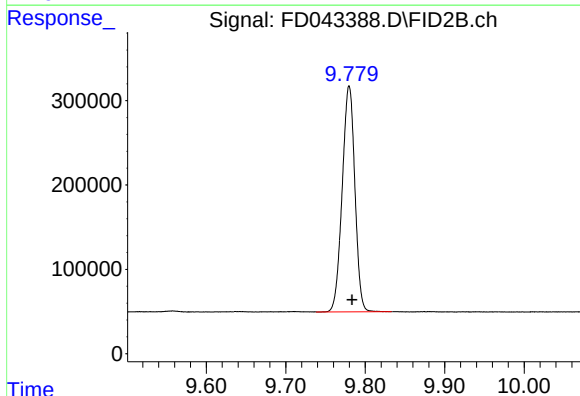
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: -0.003 min
Response: 3180019
Conc: 21.25 ug/ml



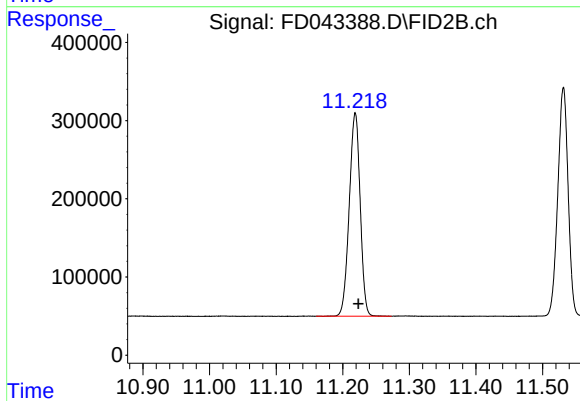
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.003 min
Response: 2967890
Conc: 20.92 ug/ml



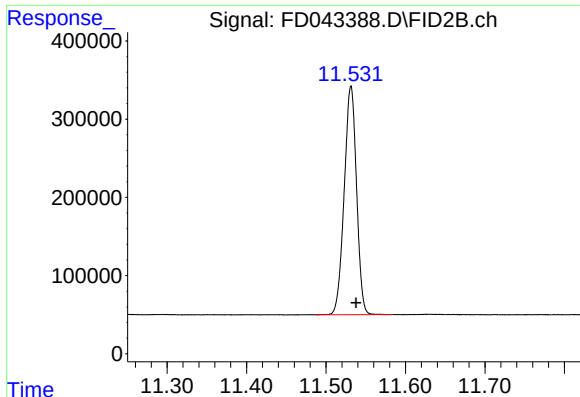
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.003 min
Response: 2970233
Conc: 20.94 ug/ml



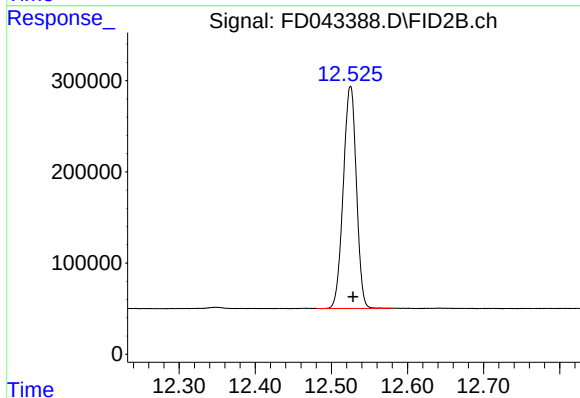
#8 n-Octadecane (C18)

R.T.: 11.219 min
Delta R.T.: -0.005 min
Response: 2964158
Conc: 20.73 ug/ml



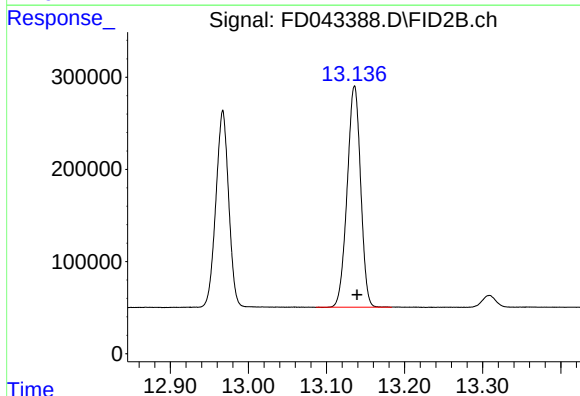
#9 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.006 min
Response: 3153028
Conc: 19.92 ug/ml



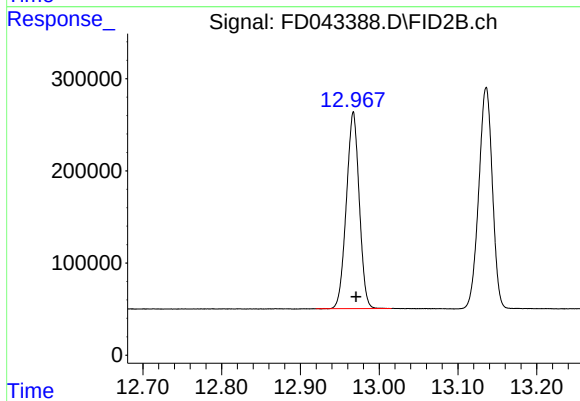
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.003 min
Response: 2918104
Conc: 20.15 ug/ml



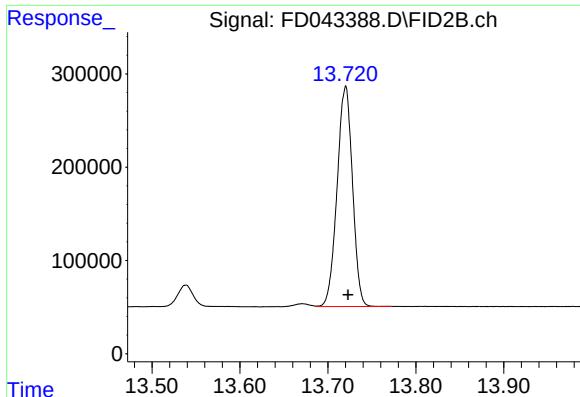
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.003 min
Response: 2879571
Conc: 19.83 ug/ml



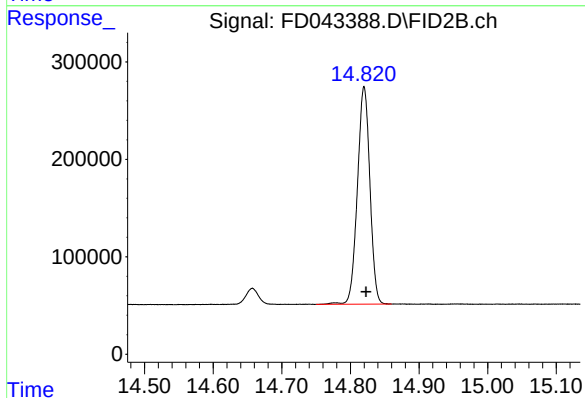
#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.003 min
Response: 2427039
Conc: 19.80 ug/ml



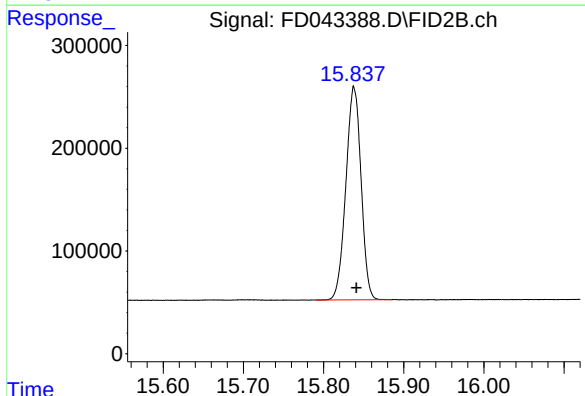
#13 n-Docosane (C22)

R.T.: 13.720 min
Delta R.T.: -0.003 min
Response: 2869933
Conc: 19.78 ug/ml



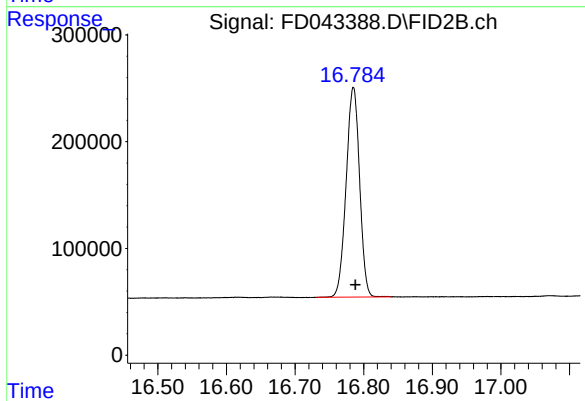
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: -0.003 min
Response: 2820162
Conc: 19.47 ug/ml



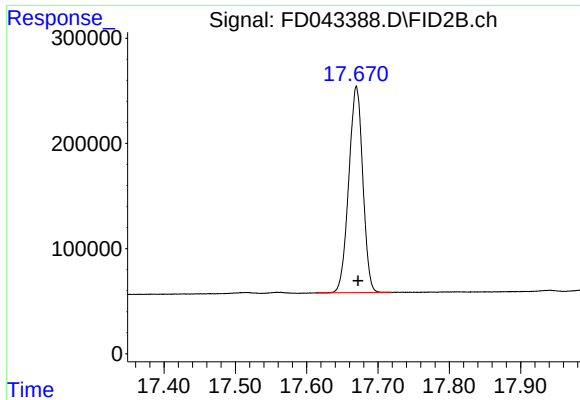
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: -0.003 min
Response: 2727736
Conc: 18.96 ug/ml



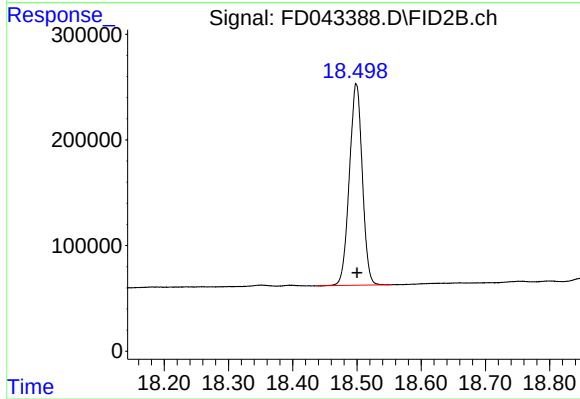
#16 n-Octacosane (C28)

R.T.: 16.785 min
Delta R.T.: -0.003 min
Response: 2676229
Conc: 18.92 ug/ml



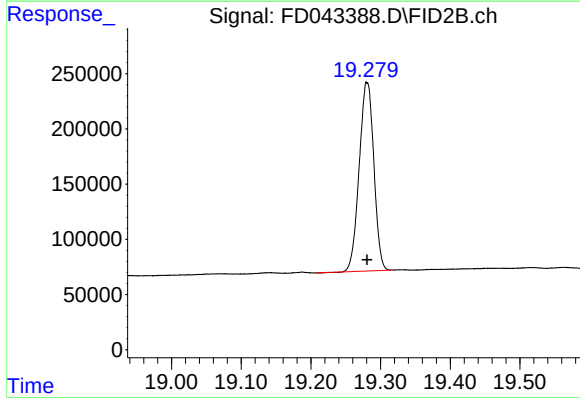
#17 n-Tricontane (C30)

R.T.: 17.670 min
Delta R.T.: -0.002 min
Response: 2680986
Conc: 18.99 ug/ml



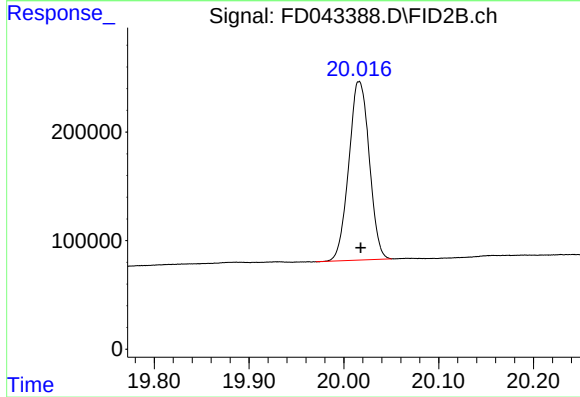
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: -0.001 min
Response: 2669961
Conc: 19.31 ug/ml



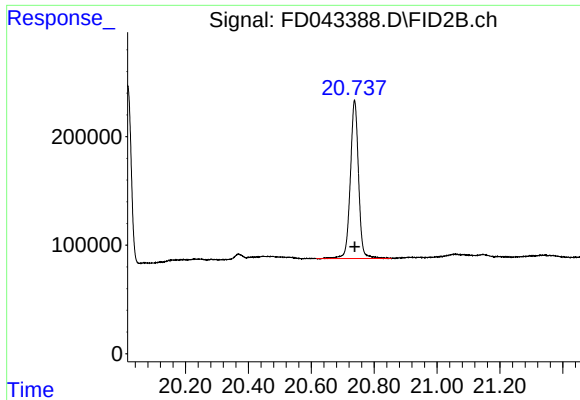
#19 n-Tetratriacontane (C34)

R.T.: 19.281 min
Delta R.T.: 0.000 min
Response: 2496557
Conc: 19.40 ug/ml



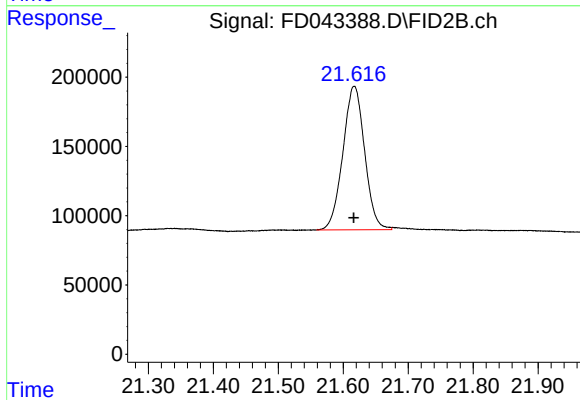
#20 n-Hexatriacontane (C36)

R.T.: 20.016 min
Delta R.T.: -0.002 min
Response: 2466849
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.000 min
Response: 2647281
Conc: 22.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: 0.000 min
Response: 2413739
Conc: 21.35 ug/ml m