

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071322AL\
 Data File : FD043232.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jul 2022 10:51
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 14 02:13:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 13 08:30:44 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)	11.532	3903948	22.044 ug/ml
Spiked Amount 50.000		Recovery =	44.09%
12) S 1-chlorooctadecane (S...	12.966	2826675	20.416 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T n-Nonane (C9)	3.316	3317111	22.123 ug/ml
2) T n-Decane (C10)	4.380	3315193	22.212 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3751776	22.129 ug/ml
4) T n-Dodecane (C12)	6.394	3406444	22.284 ug/ml
5) T A~2-methylnaphthalene...	7.012	3771329	21.952 ug/ml
6) T n-Tetradecane (C14)	8.184	3417562	22.210 ug/ml
7) T n-Hexadecane (C16)	9.781	3446225	22.054 ug/ml
8) T n-Octadecane (C18)	11.218	3525159	22.253 ug/ml
10) T n-Eicosane (C20)	12.524	3517238	22.158 ug/ml
11) T n-Heneicosane (C21)	13.134	3485442	21.830 ug/ml
13) T n-Docosane (C22)	13.718	3563583	22.304 ug/ml
14) T n-Tetracosane (C24)	14.817	3619593	22.543 ug/ml
15) T n-Hexacosane (C26)	15.834	3619352	22.782 ug/ml
16) T n-Octacosane (C28)	16.779	3613397	23.058 ug/ml
17) T n-Tricontane (C30)	17.664	3499318	23.058 ug/ml
18) T n-Dotriacontane (C32)	18.494	3217582	22.851 ug/ml
19) T n-Tetratriacontane (C34)	19.273	2837228	22.281 ug/ml
20) T n-Hexatriacontane (C36)	20.010	2490969	21.638 ug/ml
21) T n-Octatriacontane (C38)	20.728	2157866	20.033 ug/ml
22) T n-Tetracontane (C40)	21.605	1801195	16.945 ug/ml

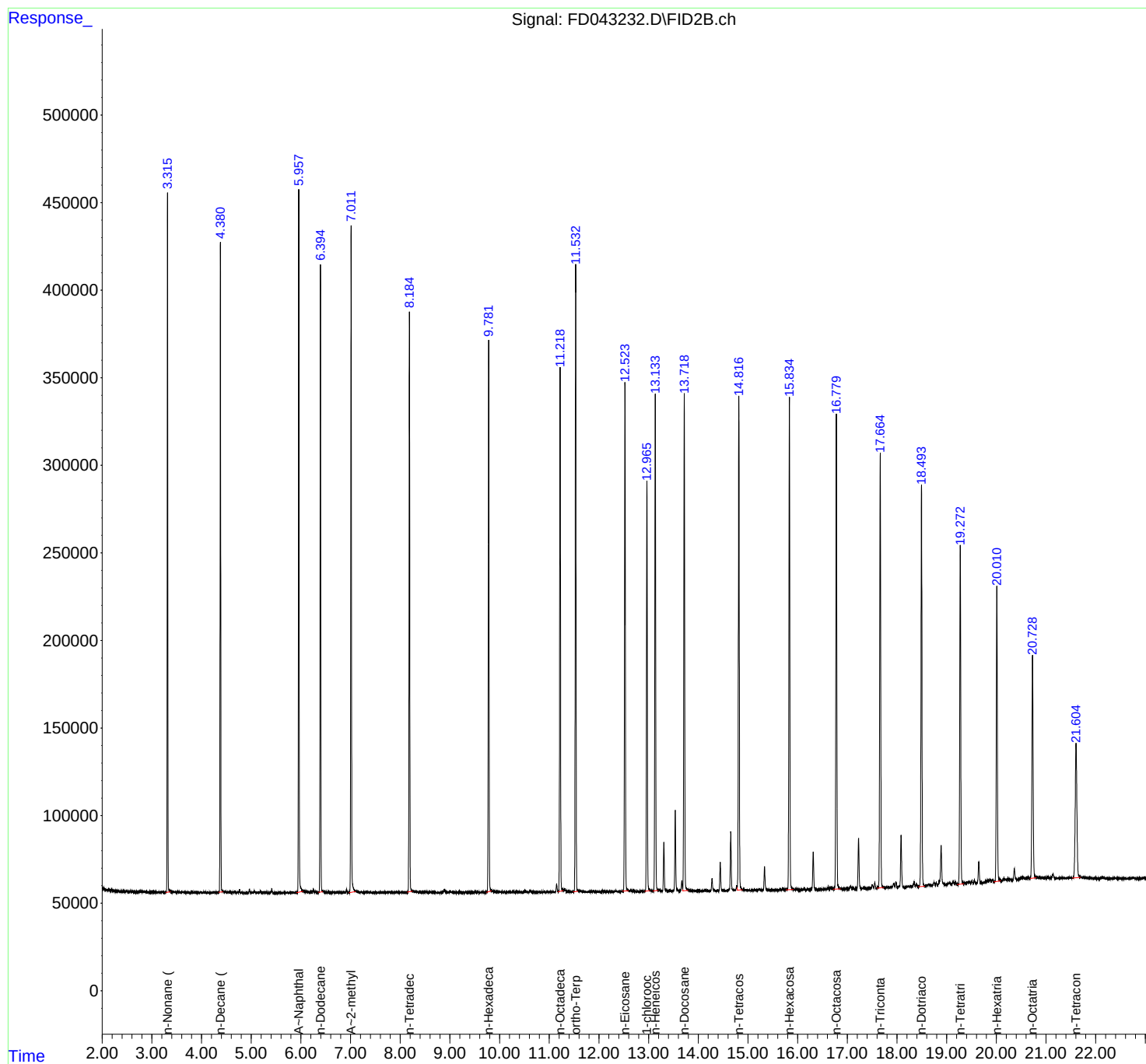
(f)=RT Delta > 1/2 Window

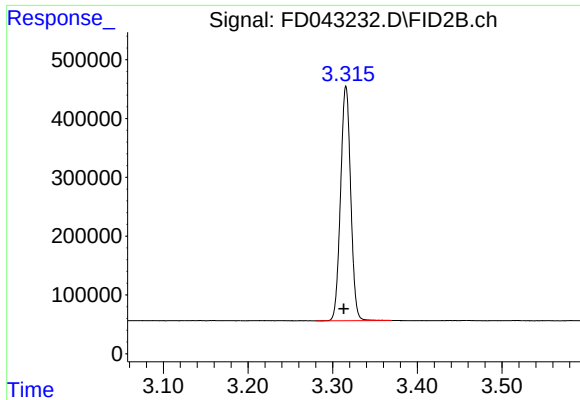
(m)=manual int.

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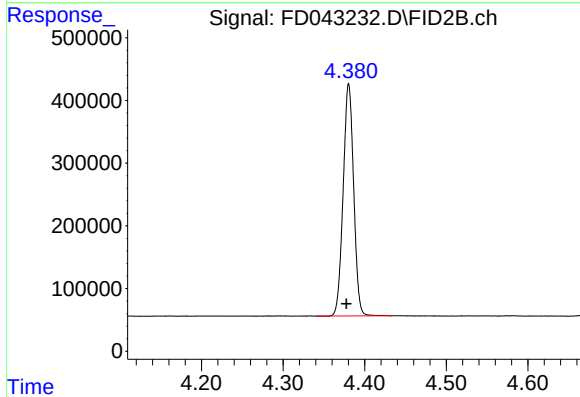
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





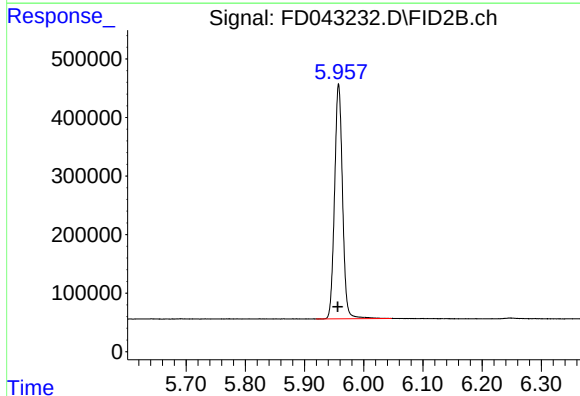
#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: 0.003 min
Response: 3317111
Conc: 22.12 ug/ml



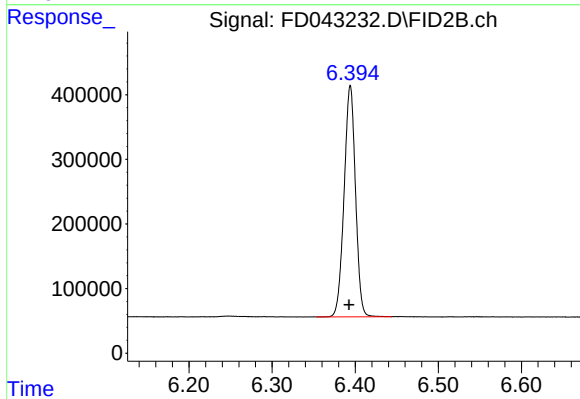
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: 0.003 min
Response: 3315193
Conc: 22.21 ug/ml



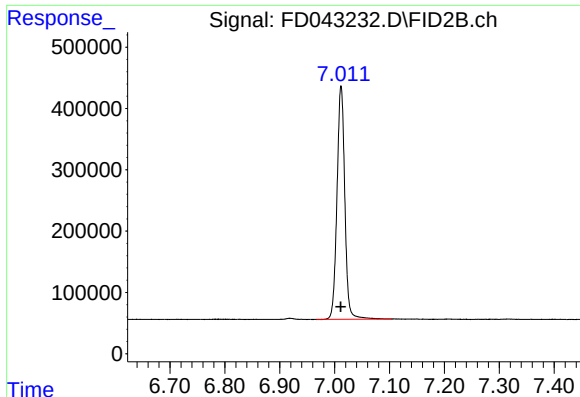
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.001 min
Response: 3751776
Conc: 22.13 ug/ml



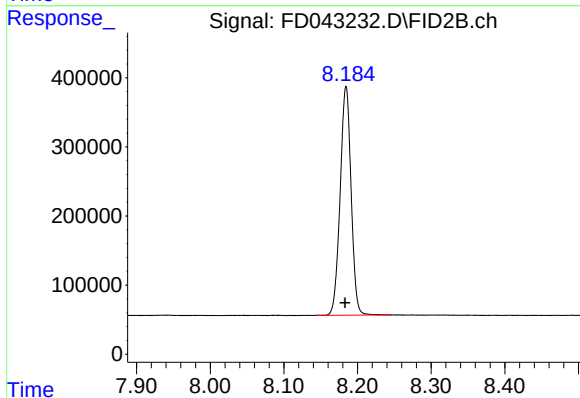
#4 n-Dodecane (C12)

R.T.: 6.394 min
Delta R.T.: 0.002 min
Response: 3406444
Conc: 22.28 ug/ml



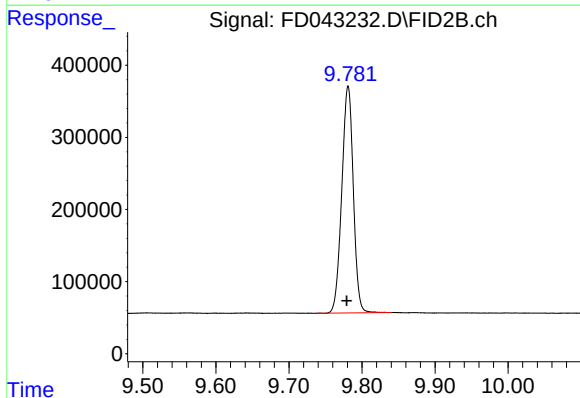
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 3771329
Conc: 21.95 ug/ml



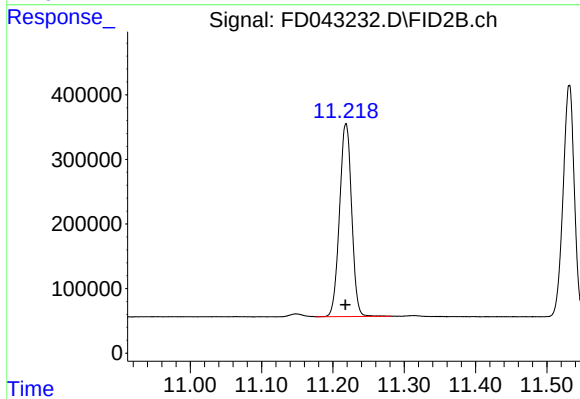
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.001 min
Response: 3417562
Conc: 22.21 ug/ml



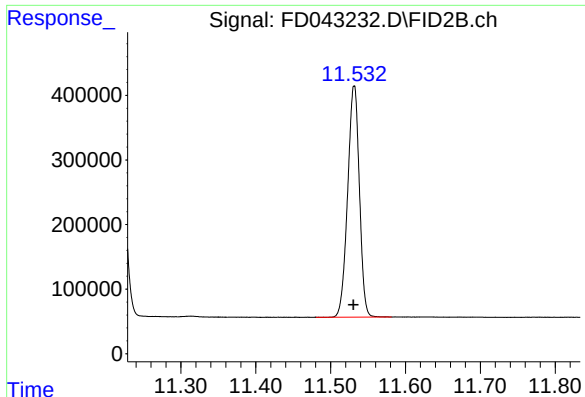
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.002 min
Response: 3446225
Conc: 22.05 ug/ml



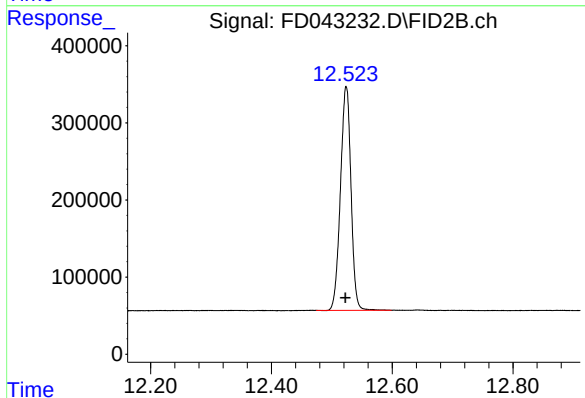
#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: 0.001 min
Response: 3525159
Conc: 22.25 ug/ml



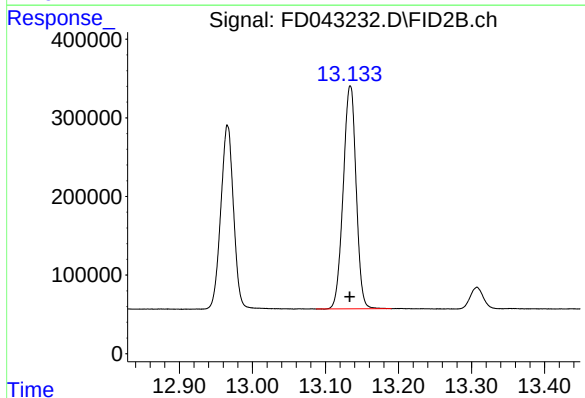
#9 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: 0.000 min
Response: 3903948
Conc: 22.04 ug/ml



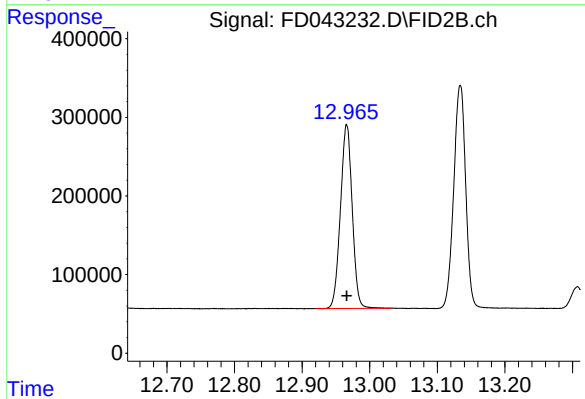
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: 0.001 min
Response: 3517238
Conc: 22.16 ug/ml



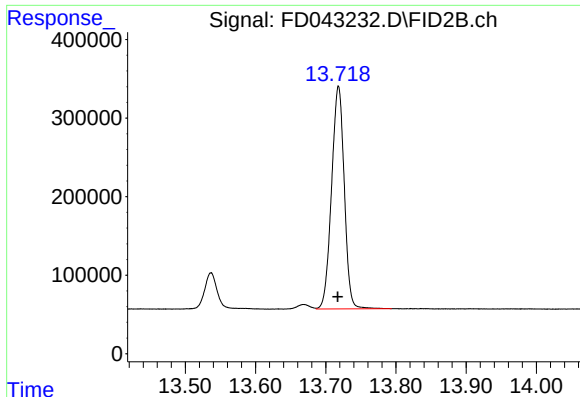
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: 0.000 min
Response: 3485442
Conc: 21.83 ug/ml



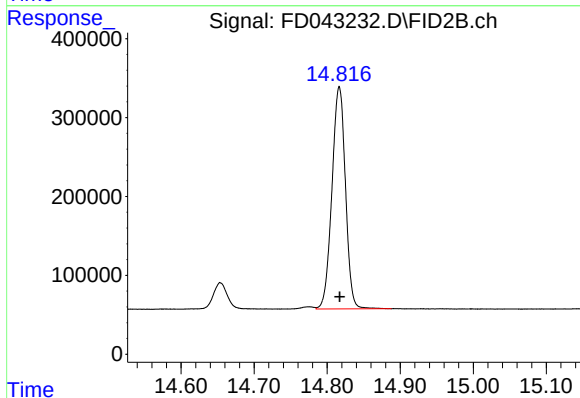
#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: 0.000 min
Response: 2826675
Conc: 20.42 ug/ml



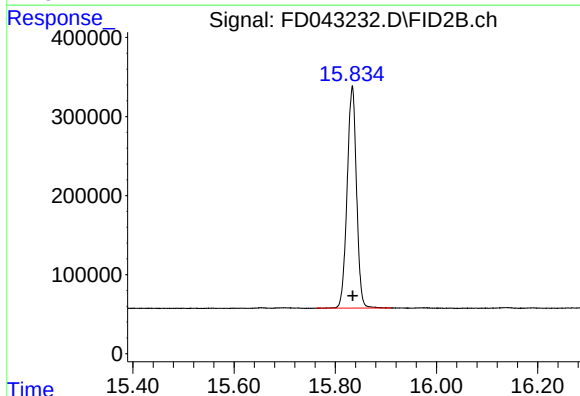
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: 0.000 min
Response: 3563583
Conc: 22.30 ug/ml



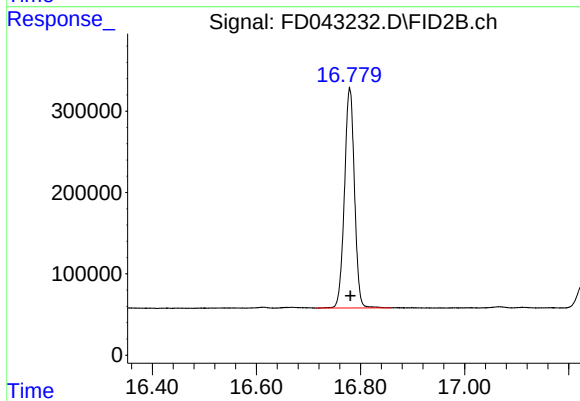
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: 0.000 min
Response: 3619593
Conc: 22.54 ug/ml



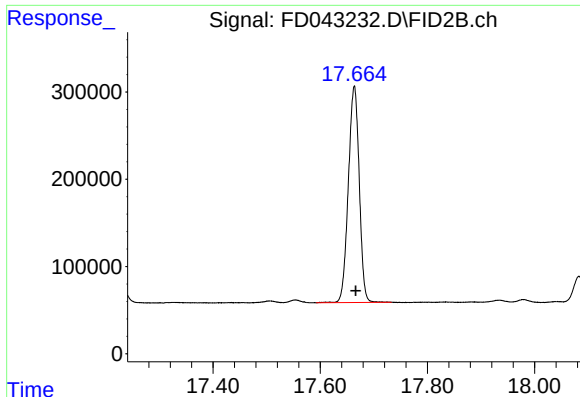
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: 0.000 min
Response: 3619352
Conc: 22.78 ug/ml



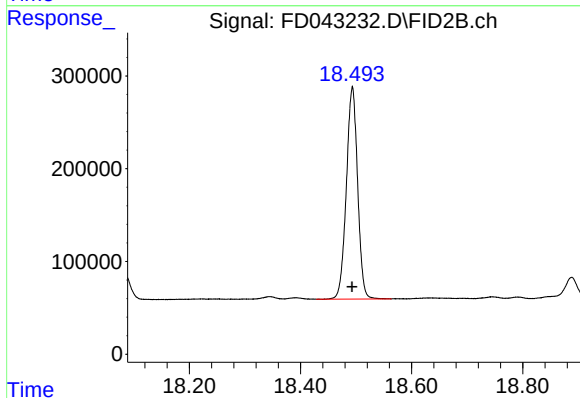
#16 n-Octacosane (C28)

R.T.: 16.779 min
Delta R.T.: -0.001 min
Response: 3613397
Conc: 23.06 ug/ml



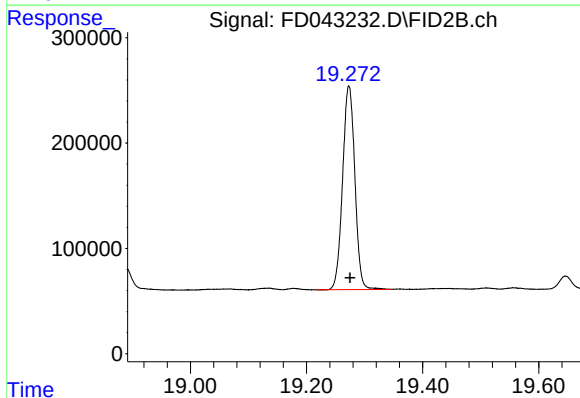
#17 n-Tricontane (C30)

R.T.: 17.664 min
Delta R.T.: -0.003 min
Response: 3499318
Conc: 23.06 ug/ml



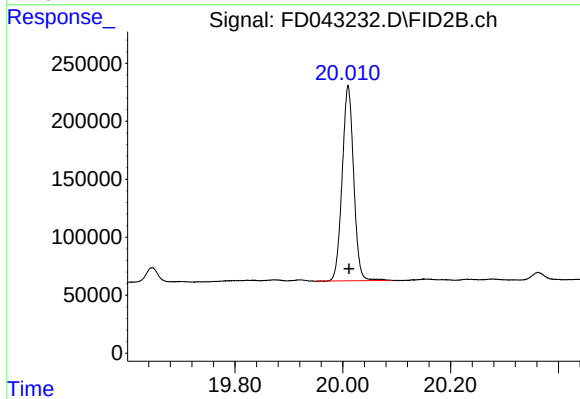
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: 0.000 min
Response: 3217582
Conc: 22.85 ug/ml



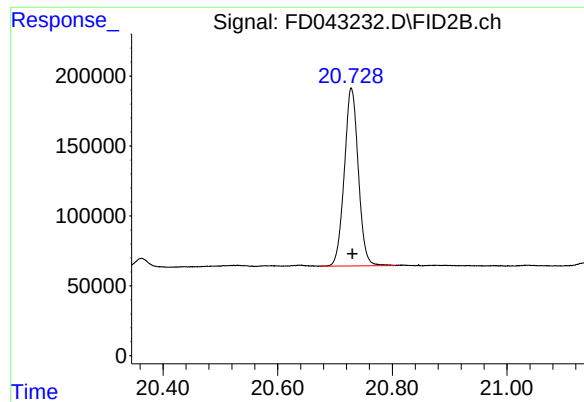
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: -0.002 min
Response: 2837228
Conc: 22.28 ug/ml



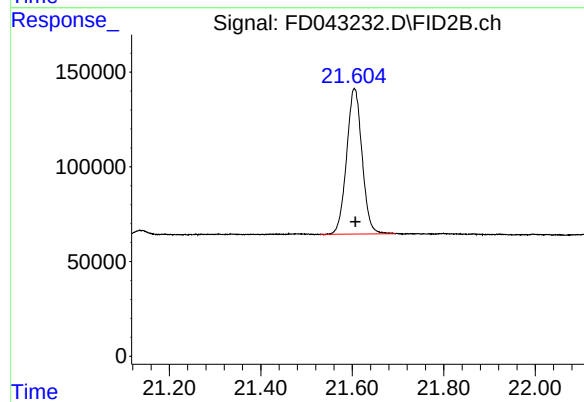
#20 n-Hexatriacontane (C36)

R.T.: 20.010 min
Delta R.T.: -0.002 min
Response: 2490969
Conc: 21.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.002 min
Response: 2157866
Conc: 20.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: -0.002 min
Response: 1801195
Conc: 16.94 ug/ml