

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071222AL\
 Data File : FD043227.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jul 2022 18:34
 Operator : YP/AJ
 Sample : N3214-08
 Misc : 5 PPM WATER LOD
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 02:06:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 27 04:21:05 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)	11.530	457454	2.583 ug/ml
Spiked Amount 50.000		Recovery =	5.17%
12) S 1-chlorooctadecane (S...	12.968	4593225	33.175 ug/ml
Spiked Amount 50.000		Recovery =	66.35%
Target Compounds			
1) T n-Nonane (C9)	3.312	429157	2.862 ug/ml
2) T n-Decane (C10)	4.378	535956	3.591 ug/ml
4) T n-Dodecane (C12)	6.393	881749	5.768 ug/ml
6) T n-Tetradecane (C14)	8.184	694844	4.516 ug/ml
7) T n-Hexadecane (C16)	9.780	691875	4.428 ug/ml
8) T n-Octadecane (C18)	11.217	773246	4.881 ug/ml
10) T n-Eicosane (C20)	12.523	845940	5.329 ug/ml
11) T n-Heneicosane (C21)	13.133	834901	5.229 ug/ml
13) T n-Docosane (C22)	13.717	968956	6.065 ug/ml
14) T n-Tetracosane (C24)	14.816	1306400	8.136 ug/ml
15) T n-Hexacosane (C26)	15.834	1242327	7.820 ug/ml
16) T n-Octacosane (C28)	16.781	1400336	8.936 ug/ml
17) T n-Tricontane (C30)	17.665	1481354	9.761 ug/ml
18) T n-Dotriacontane (C32)	18.495	1361969	9.672 ug/ml
19) T n-Tetratriacontane (C34)	19.275	994403	7.809 ug/ml
20) T n-Hexatriacontane (C36)	20.013	646880	5.619 ug/ml
21) T n-Octatriacontane (C38)	20.733	479868	4.455 ug/ml
22) T n-Tetracontane (C40)	21.607f	391305	3.681 ug/ml

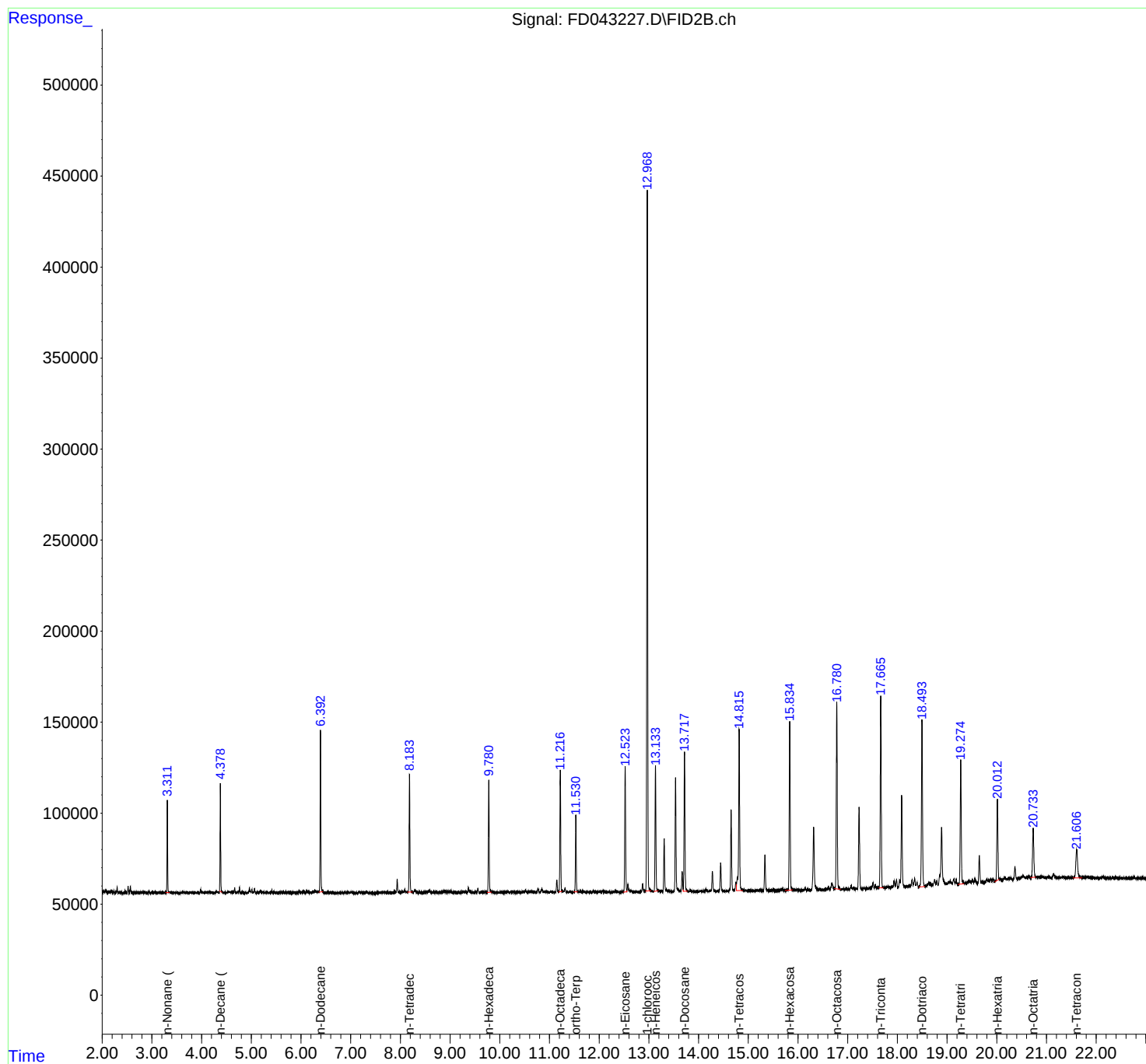
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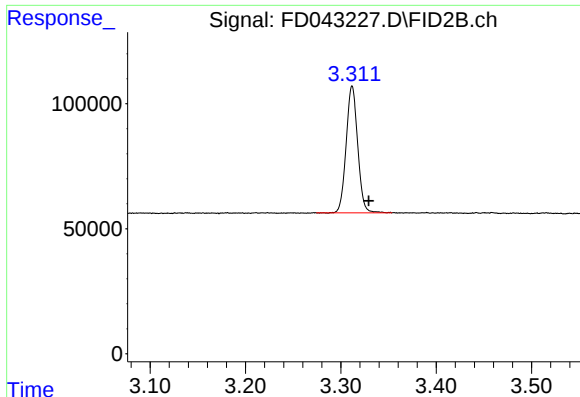
(m)=manual int.

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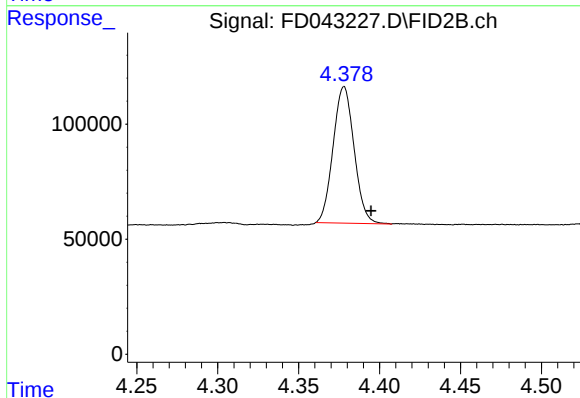
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





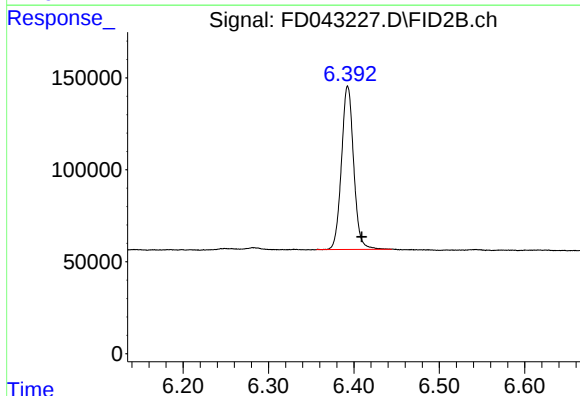
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: -0.017 min
Response: 429157
Conc: 2.86 ug/ml



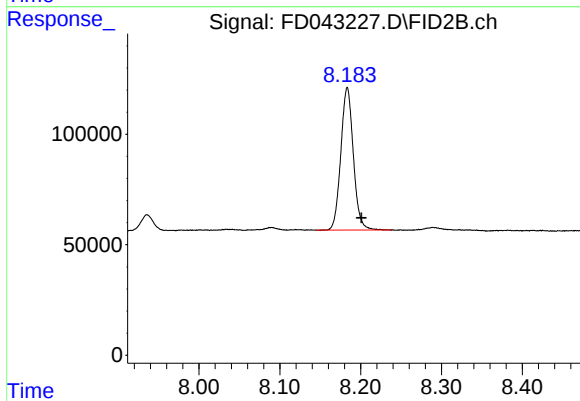
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.017 min
Response: 535956
Conc: 3.59 ug/ml



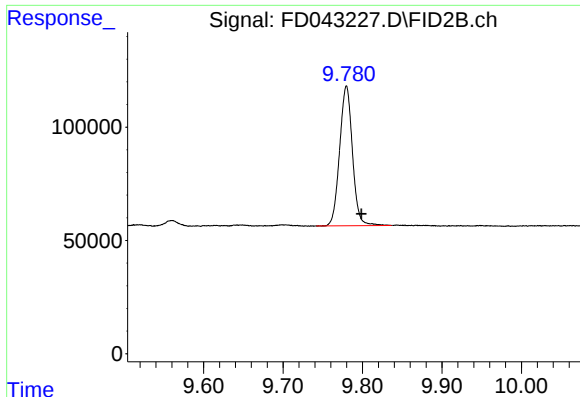
#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: -0.016 min
Response: 881749
Conc: 5.77 ug/ml



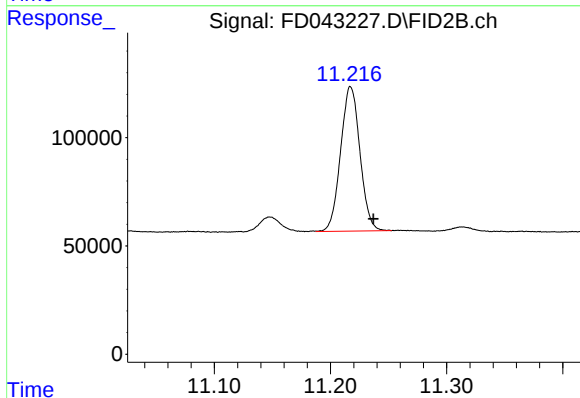
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: -0.017 min
Response: 694844
Conc: 4.52 ug/ml



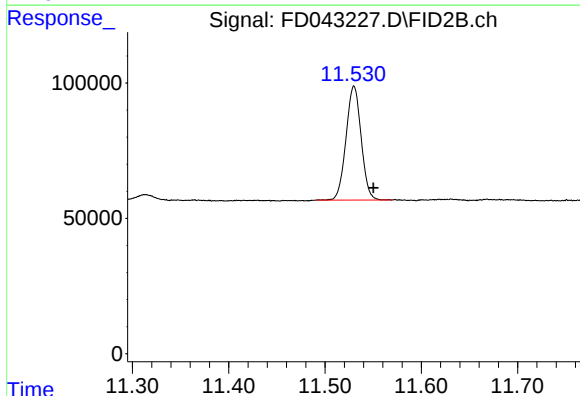
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.018 min
Response: 691875
Conc: 4.43 ug/ml



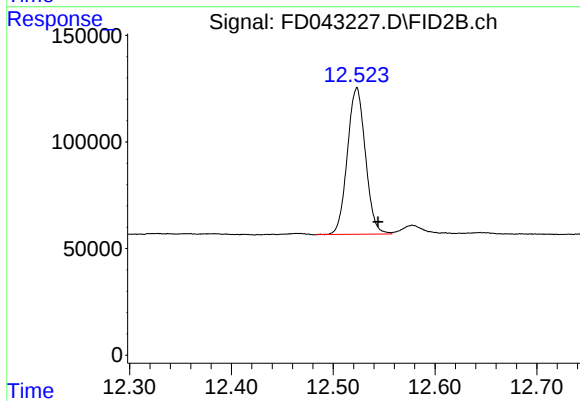
#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.020 min
Response: 773246
Conc: 4.88 ug/ml



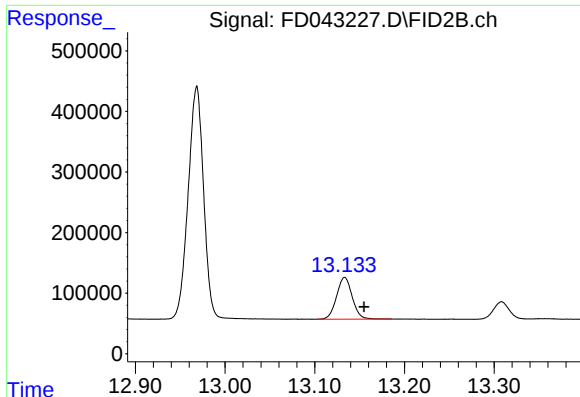
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.020 min
Response: 457454
Conc: 2.58 ug/ml



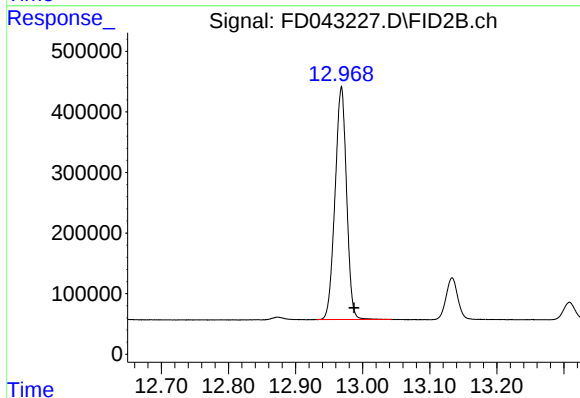
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.021 min
Response: 845940
Conc: 5.33 ug/ml



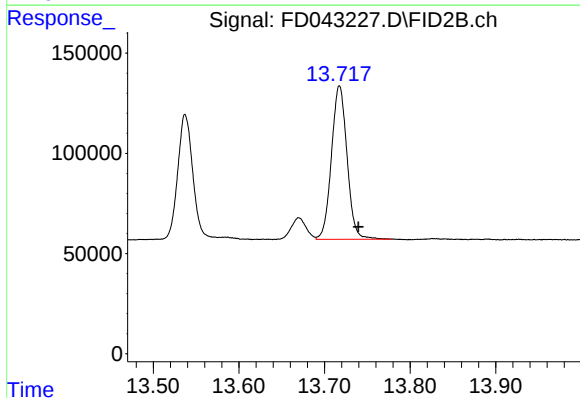
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.021 min
Response: 834901
Conc: 5.23 ug/ml



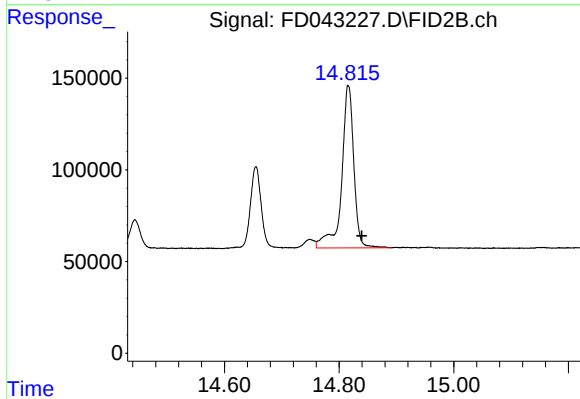
#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: -0.019 min
Response: 4593225
Conc: 33.18 ug/ml



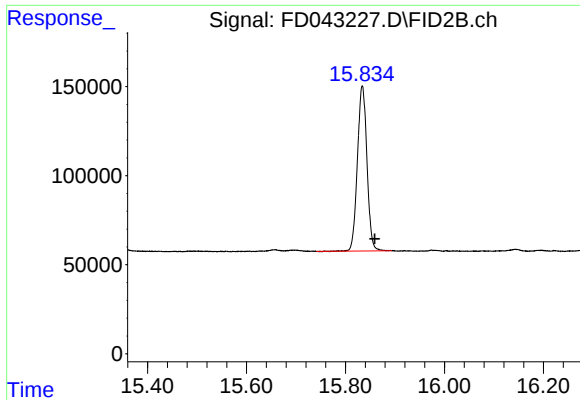
#13 n-Docosane (C22)

R.T.: 13.717 min
Delta R.T.: -0.022 min
Response: 968956
Conc: 6.06 ug/ml



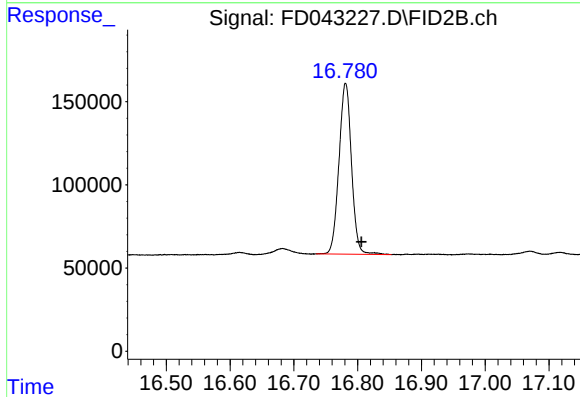
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: -0.024 min
Response: 1306400
Conc: 8.14 ug/ml



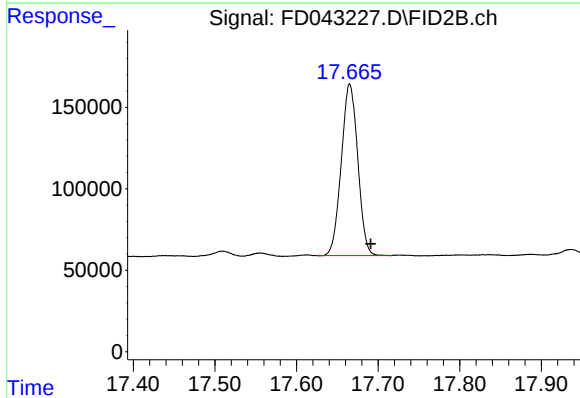
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: -0.025 min
Response: 1242327
Conc: 7.82 ug/ml



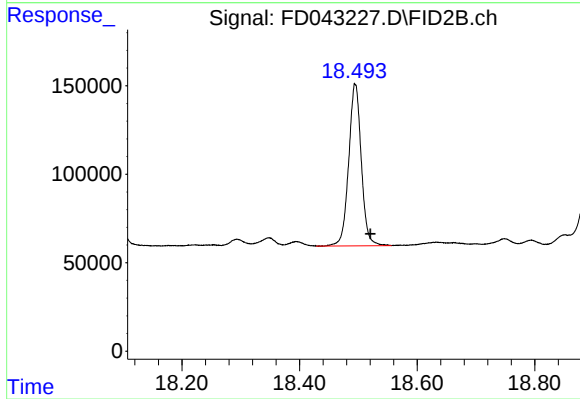
#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: -0.025 min
Response: 1400336
Conc: 8.94 ug/ml



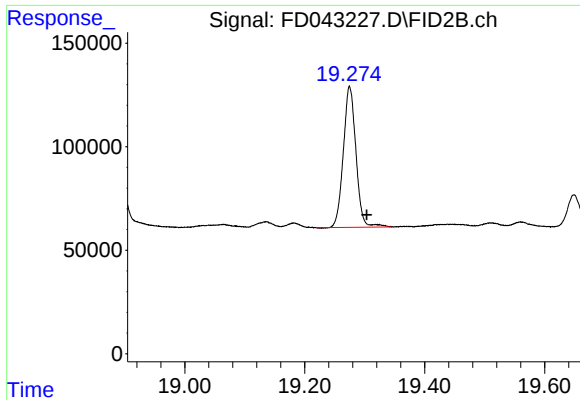
#17 n-Tricontane (C30)

R.T.: 17.665 min
Delta R.T.: -0.026 min
Response: 1481354
Conc: 9.76 ug/ml



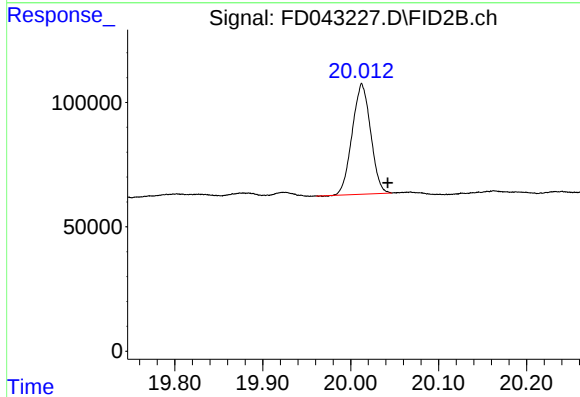
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: -0.026 min
Response: 1361969
Conc: 9.67 ug/ml



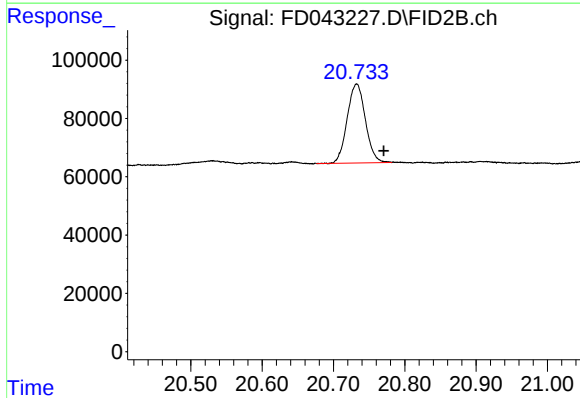
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: -0.029 min
Response: 994403
Conc: 7.81 ug/ml



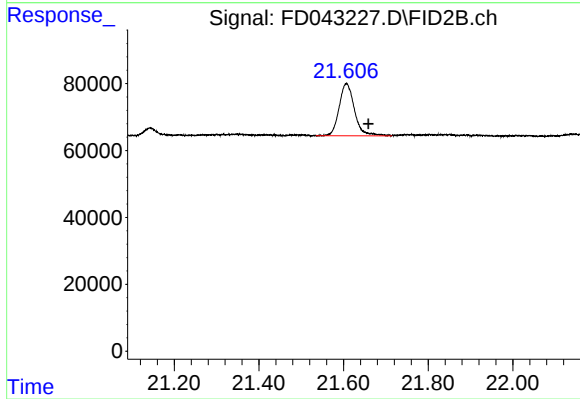
#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: -0.030 min
Response: 646880
Conc: 5.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.038 min
Response: 479868
Conc: 4.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: -0.052 min
Response: 391305
Conc: 3.68 ug/ml