

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071222AL\
 Data File : FD043223.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jul 2022 15:10
 Operator : YP/AJ
 Sample : N3214-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 02:04:51 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	587003	3.314 ug/ml
Spiked Amount 50.000		Recovery =	6.63%
12) S 1-chlorooctadecane (S...	12.968	4075167	29.434 ug/ml
Spiked Amount 50.000		Recovery =	58.87%
Target Compounds			
1) T n-Nonane (C9)	3.314	295350	1.970 ug/ml
2) T n-Decane (C10)	4.380	387149	2.594 ug/ml
4) T n-Dodecane (C12)	6.393	586601	3.837 ug/ml
6) T n-Tetradecane (C14)	8.184	483419	3.142 ug/ml
7) T n-Hexadecane (C16)	9.780	496696	3.179 ug/ml
8) T n-Octadecane (C18)	11.217	565998	3.573 ug/ml
10) T n-Eicosane (C20)	12.523	576170	3.630 ug/ml
11) T n-Heneicosane (C21)	13.133	572202	3.584 ug/ml
13) T n-Docosane (C22)	13.718	613799	3.842 ug/ml
14) T n-Tetracosane (C24)	14.818	748995	4.665 ug/ml
15) T n-Hexacosane (C26)	15.835	670651	4.221 ug/ml
16) T n-Octacosane (C28)	16.781	700228	4.468 ug/ml
17) T n-Tricontane (C30)	17.665	740726	4.881 ug/ml
18) T n-Dotriacontane (C32)	18.495	661596	4.699 ug/ml
19) T n-Tetratriacontane (C34)	19.276	517244	4.062 ug/ml
20) T n-Hexatriacontane (C36)	20.013	371312	3.225 ug/ml
21) T n-Octatriacontane (C38)	20.733	262340	2.435 ug/ml
22) T n-Tetracontane (C40)	21.609	199991	1.881 ug/ml

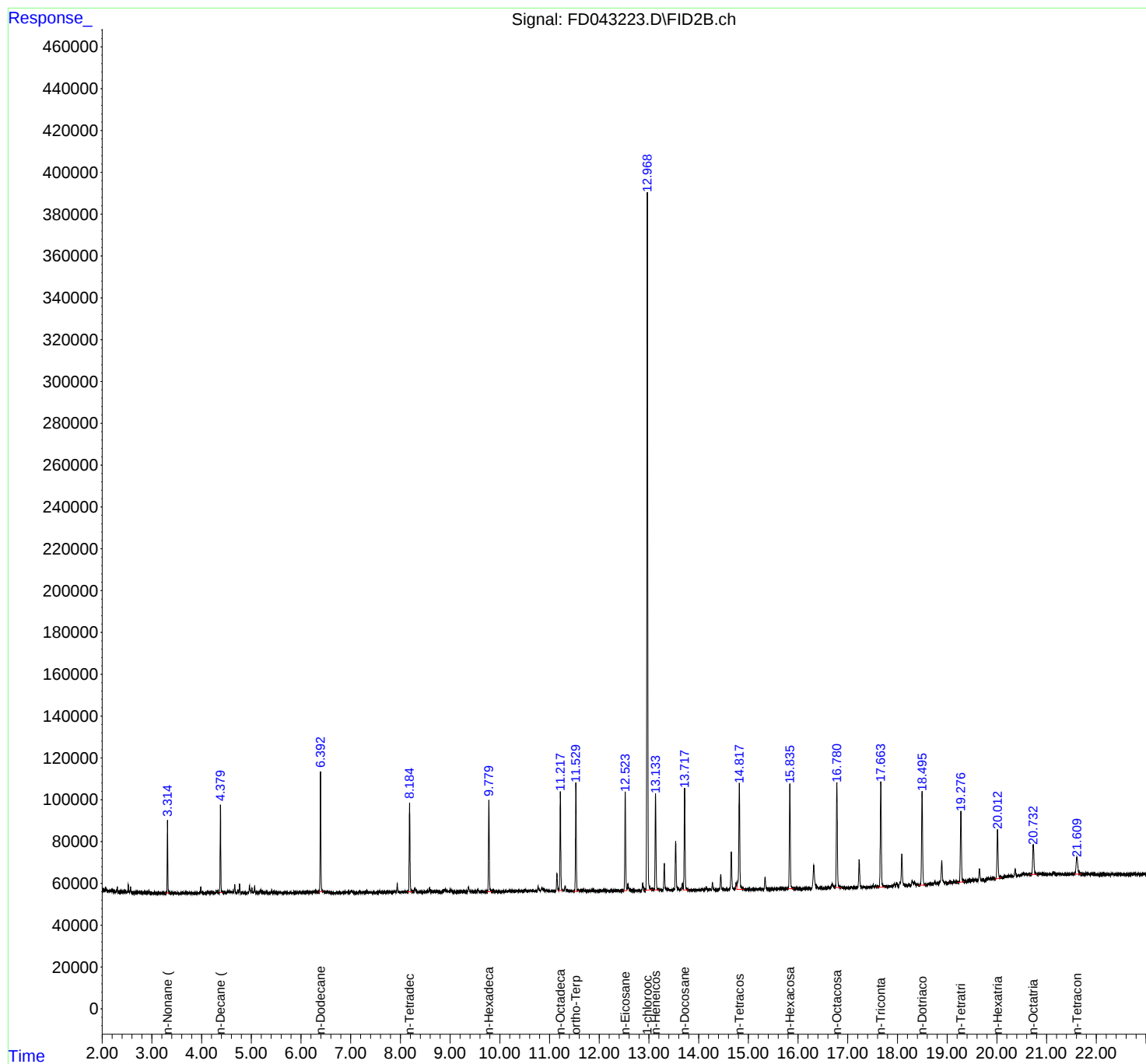
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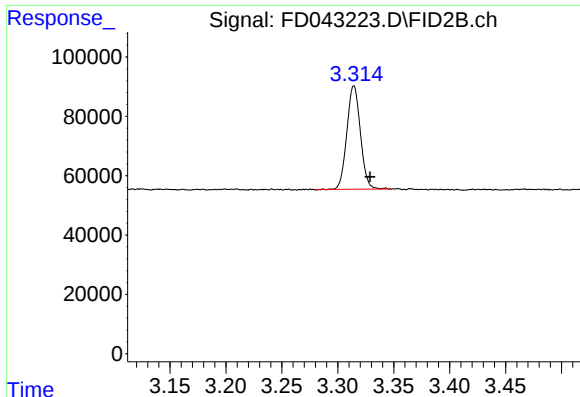
(m)=manual int.

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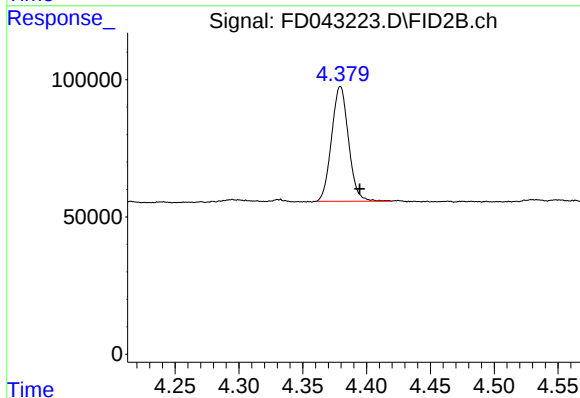
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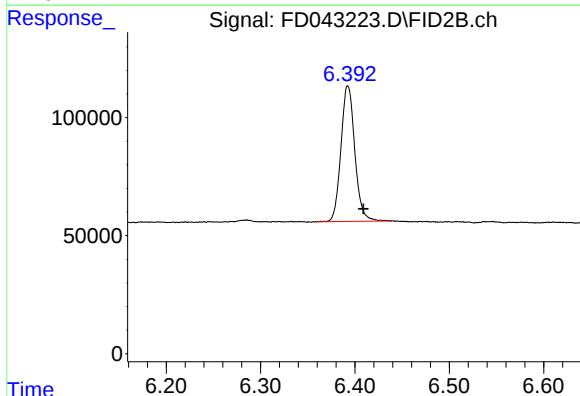
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.015 min
Response: 295350
Conc: 1.97 ug/ml



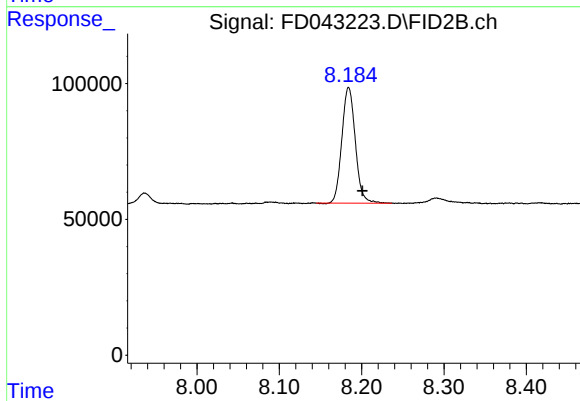
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.015 min
Response: 387149
Conc: 2.59 ug/ml



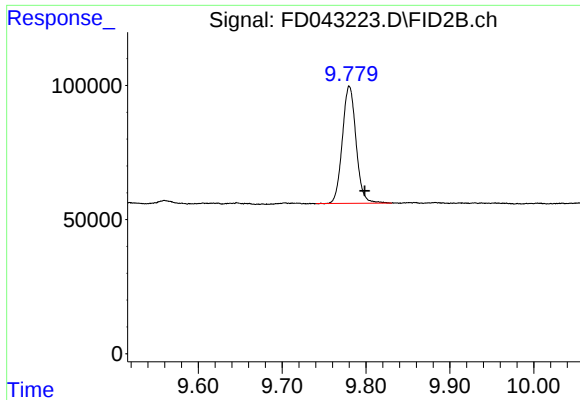
#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: -0.016 min
Response: 586601
Conc: 3.84 ug/ml



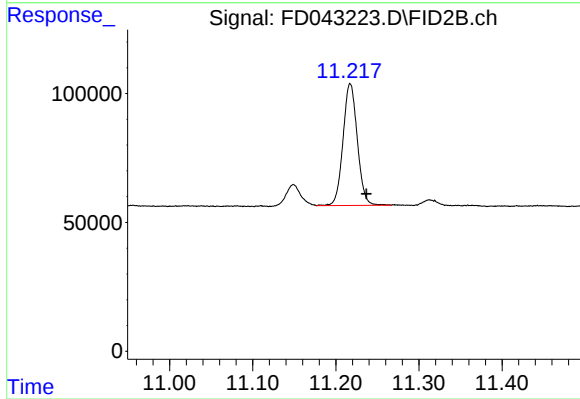
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: -0.017 min
Response: 483419
Conc: 3.14 ug/ml



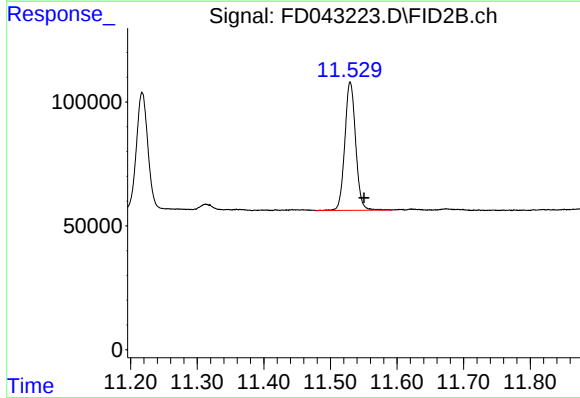
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.018 min
Response: 496696
Conc: 3.18 ug/ml



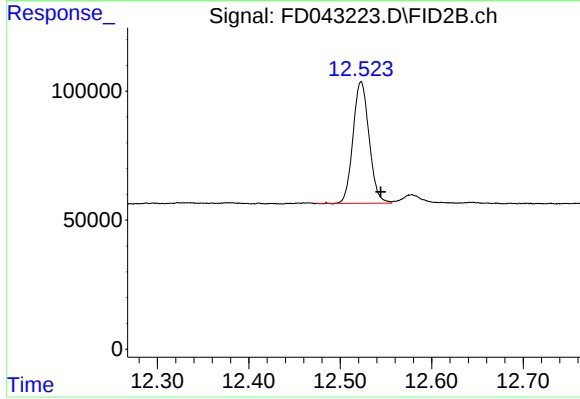
#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.020 min
Response: 565998
Conc: 3.57 ug/ml



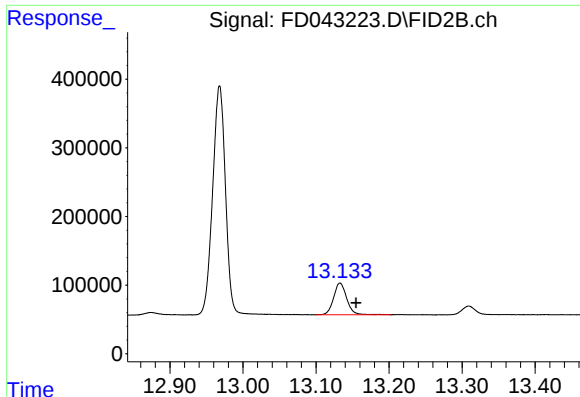
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.020 min
Response: 587003
Conc: 3.31 ug/ml



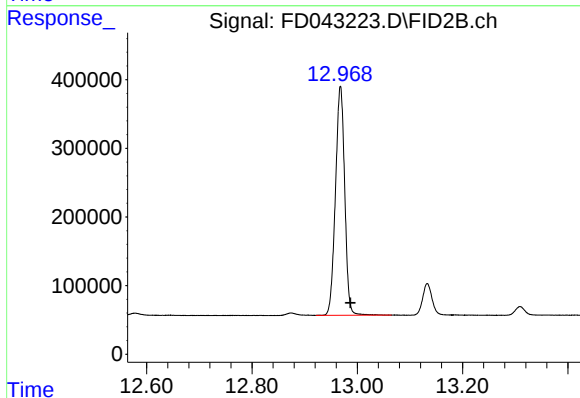
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.021 min
Response: 576170
Conc: 3.63 ug/ml



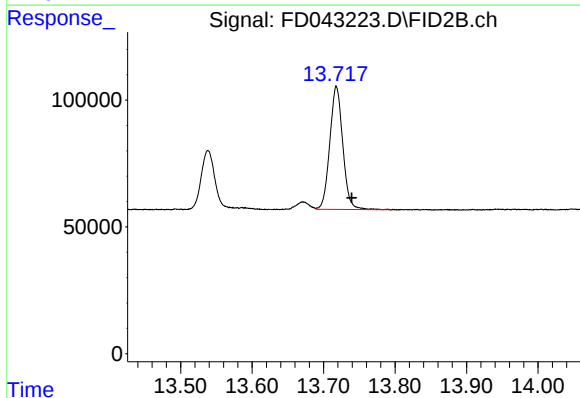
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.022 min
Response: 572202
Conc: 3.58 ug/ml



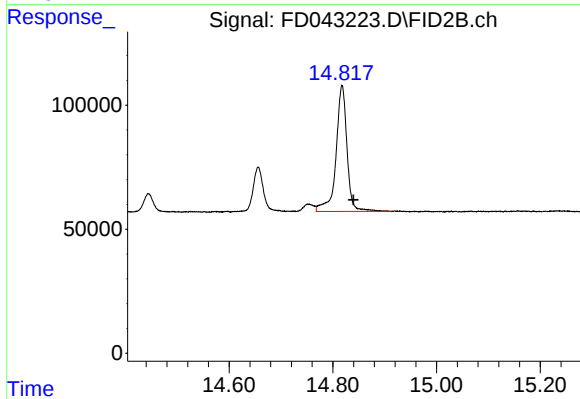
#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: -0.019 min
Response: 4075167
Conc: 29.43 ug/ml



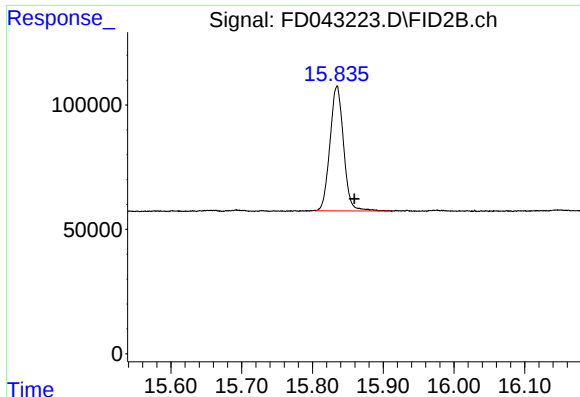
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.022 min
Response: 613799
Conc: 3.84 ug/ml



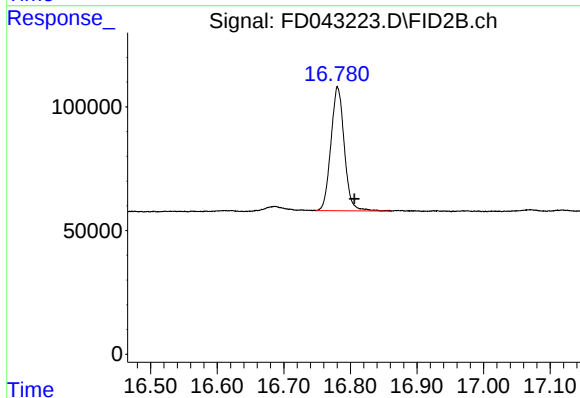
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: -0.022 min
Response: 748995
Conc: 4.66 ug/ml



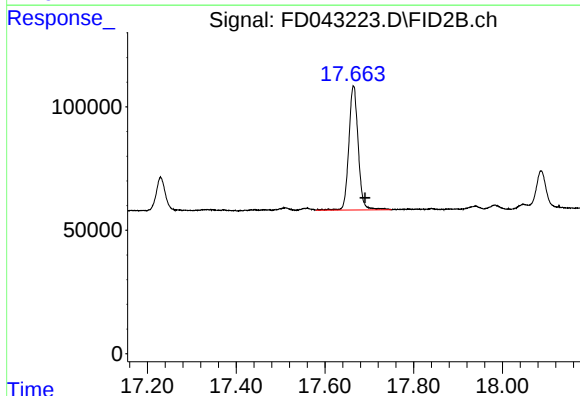
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.024 min
Response: 670651
Conc: 4.22 ug/ml



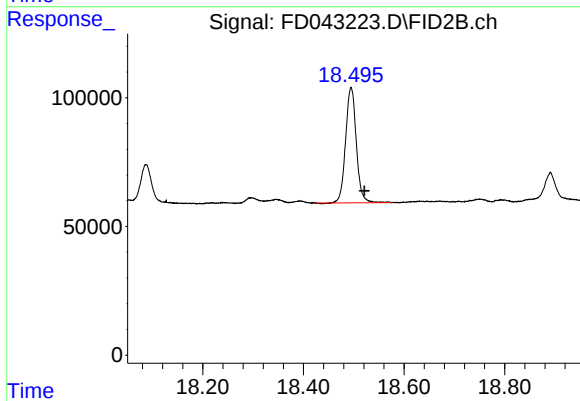
#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: -0.025 min
Response: 700228
Conc: 4.47 ug/ml



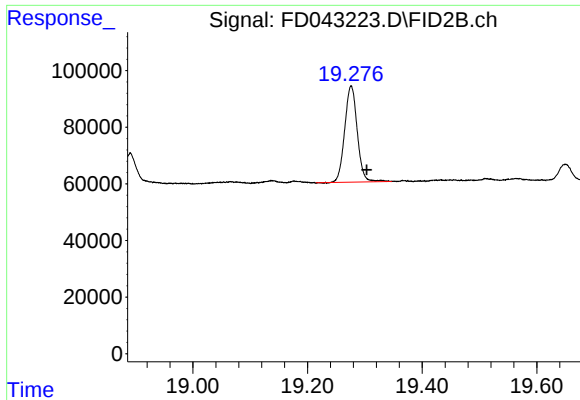
#17 n-Tricontane (C30)

R.T.: 17.665 min
Delta R.T.: -0.026 min
Response: 740726
Conc: 4.88 ug/ml



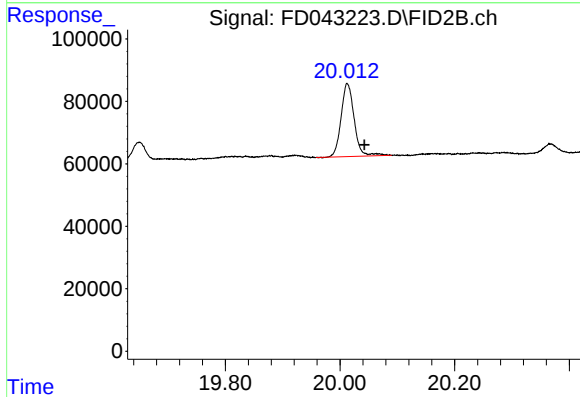
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: -0.026 min
Response: 661596
Conc: 4.70 ug/ml



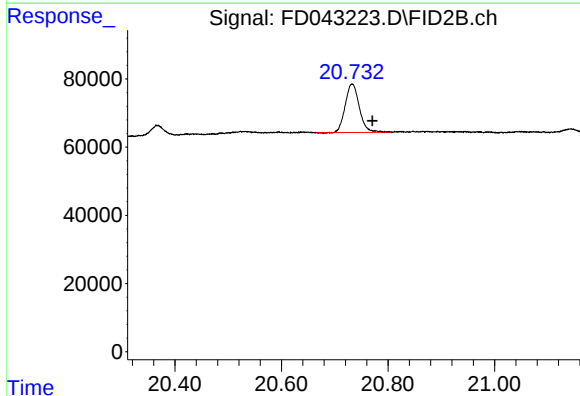
#19 n-Tetratriacontane (C34)

R.T.: 19.276 min
Delta R.T.: -0.027 min
Response: 517244
Conc: 4.06 ug/ml



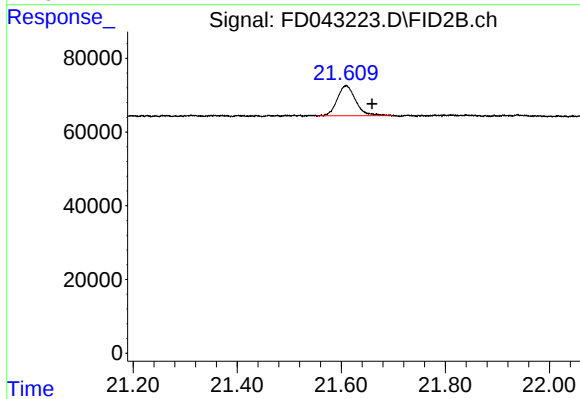
#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: -0.030 min
Response: 371312
Conc: 3.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.038 min
Response: 262340
Conc: 2.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: -0.050 min
Response: 199991
Conc: 1.88 ug/ml