

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081122AL\
 Data File : FD043542.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2022 13:02
 Operator : YP/AJ
 Sample : N3980-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 15:02:03 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			
12) S 1-chlorooctadecane (S...	12.959	3467392	28.291 ug/ml
Spiked Amount 50.000		Recovery =	56.58%
Target Compounds			
1) T n-Nonane (C9)	3.303	196595	1.403 ug/ml
2) T n-Decane (C10)	4.367	243338	1.731 ug/ml
4) T n-Dodecane (C12)	6.380	322353	2.265 ug/ml
6) T n-Tetradecane (C14)	8.172	308484	2.175 ug/ml
7) T n-Hexadecane (C16)	9.769	281924	1.988 ug/ml
8) T n-Octadecane (C18)	11.208	306857	2.146 ug/ml
10) T n-Eicosane (C20)	12.514	310054	2.141 ug/ml
11) T n-Heneicosane (C21)	13.125	303871	2.092 ug/ml
13) T n-Docosane (C22)	13.709	306361	2.112 ug/ml
14) T n-Tetracosane (C24)	14.810	310050	2.140 ug/ml
15) T n-Hexacosane (C26)	15.828	292739	2.035 ug/ml
16) T n-Octacosane (C28)	16.774	291353	2.060 ug/ml
17) T n-Tricontane (C30)	17.659	311251	2.205 ug/ml
18) T n-Dotriacontane (C32)	18.488	320615	2.318 ug/ml
19) T n-Tetratriacontane (C34)	19.268	307082	2.386 ug/ml
20) T n-Hexatriacontane (C36)	20.006	279274	2.264 ug/ml
21) T n-Octatriacontane (C38)	20.727	267366	2.261 ug/ml
22) T n-Tetracontane (C40)	21.599	244625	2.163 ug/ml

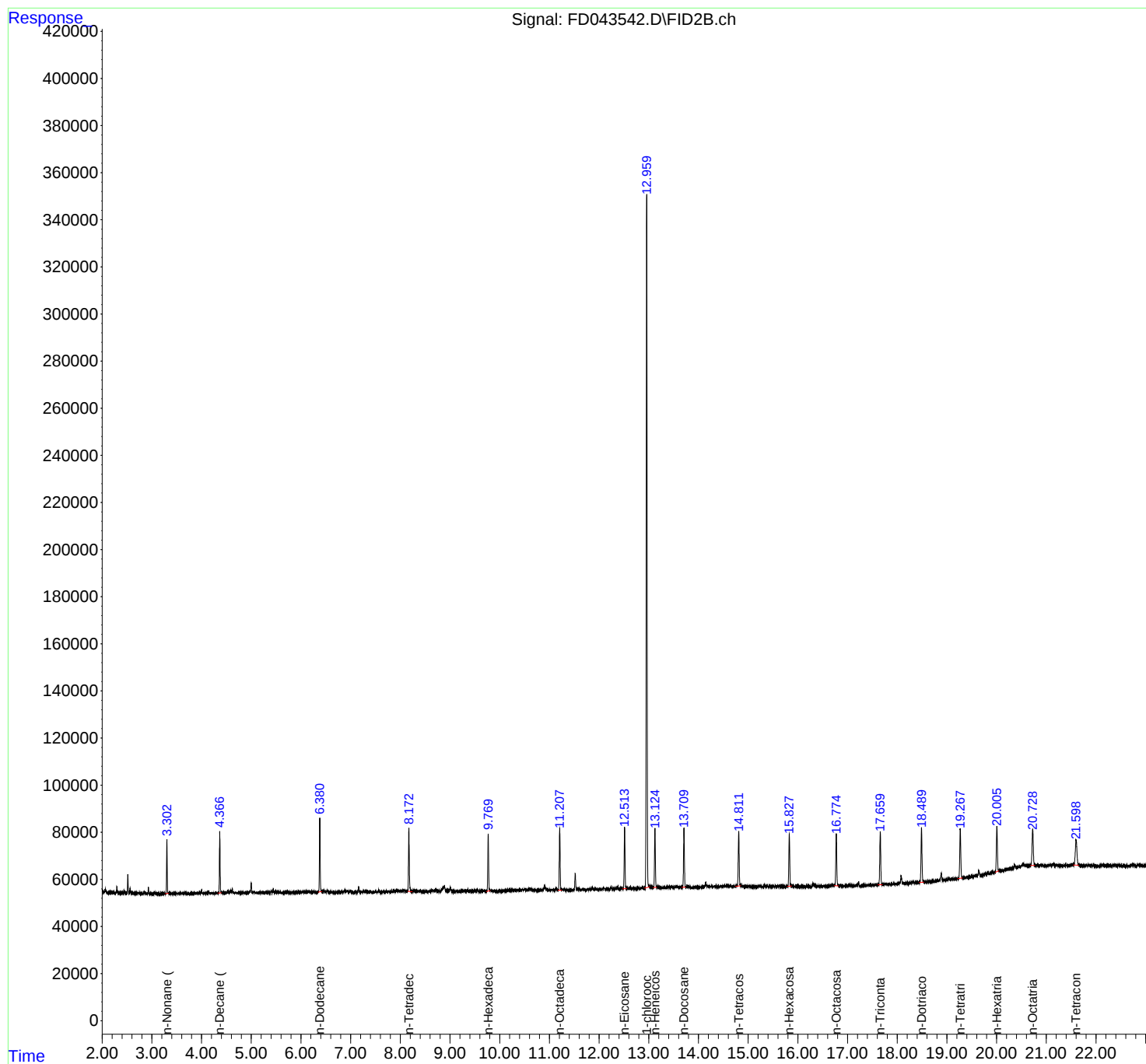
(f)=RT Delta > 1/2 Window

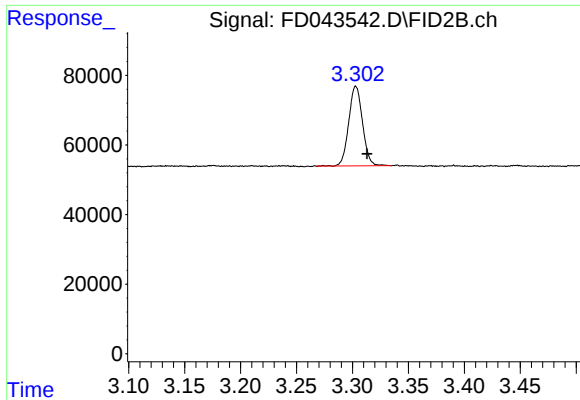
(m)=manual int.

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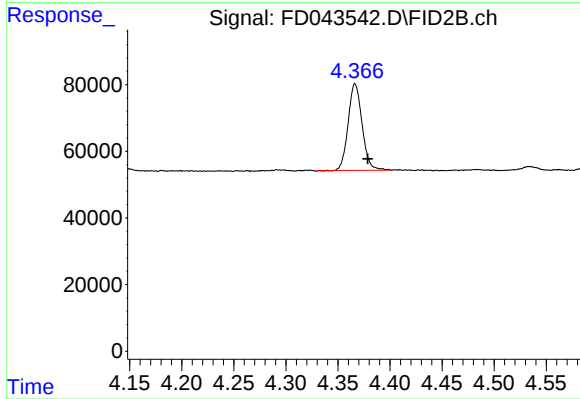
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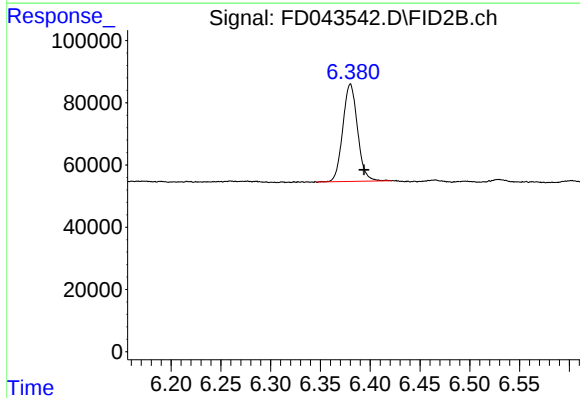
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.010 min
Response: 196595
Conc: 1.40 ug/ml



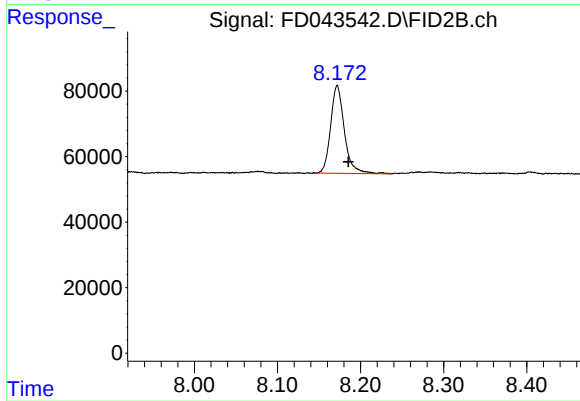
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.012 min
Response: 243338
Conc: 1.73 ug/ml



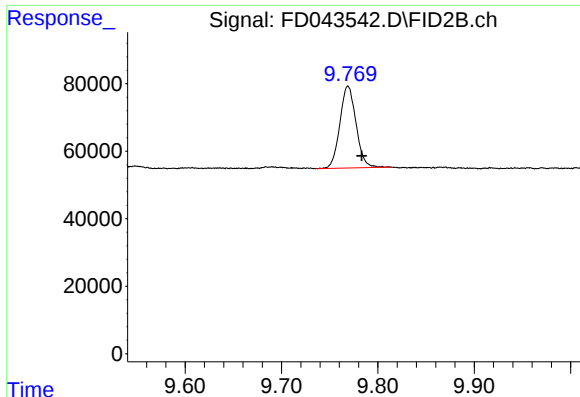
#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: -0.014 min
Response: 322353
Conc: 2.26 ug/ml



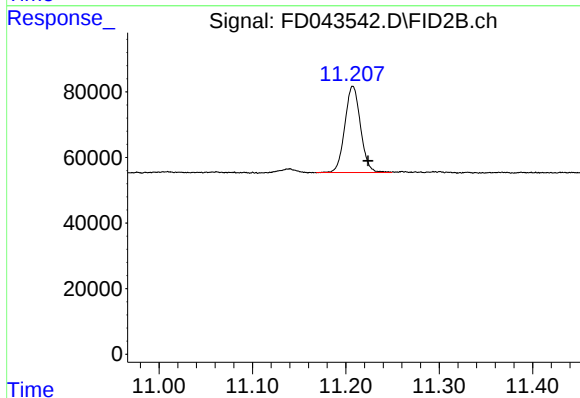
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.014 min
Response: 308484
Conc: 2.17 ug/ml



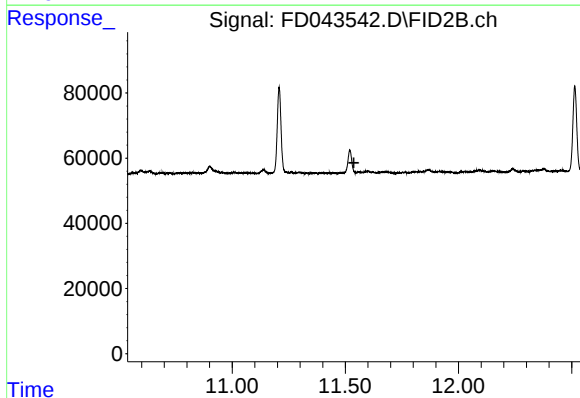
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.014 min
Response: 281924
Conc: 1.99 ug/ml



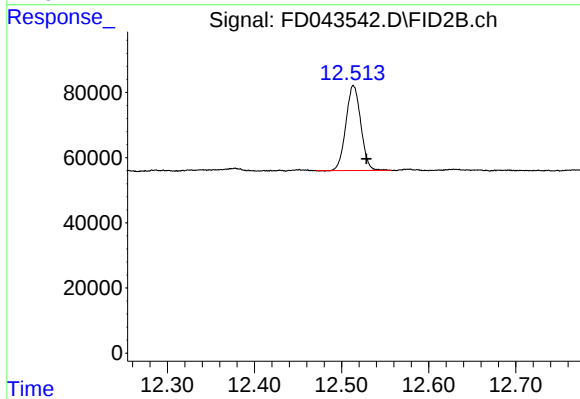
#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.016 min
Response: 306857
Conc: 2.15 ug/ml



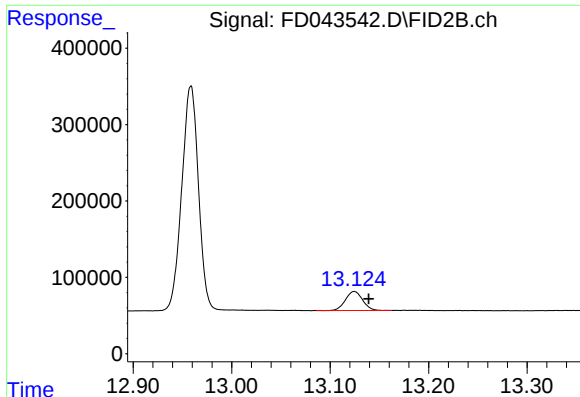
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.538 min
Response: 0
Conc: N.D.



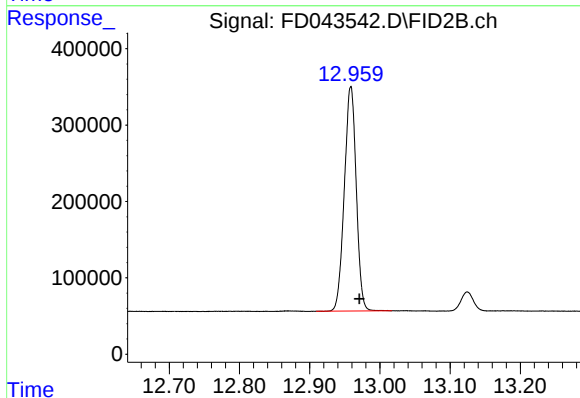
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: -0.015 min
Response: 310054
Conc: 2.14 ug/ml



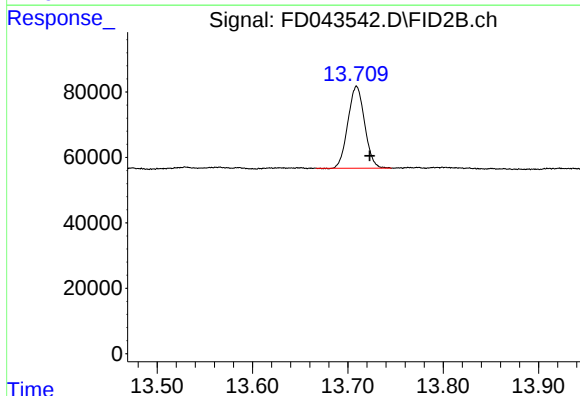
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: -0.015 min
Response: 303871
Conc: 2.09 ug/ml



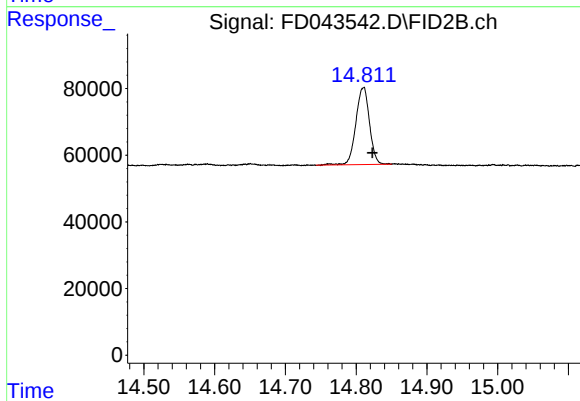
#12 1-chlorooctadecane (SURR)

R.T.: 12.959 min
Delta R.T.: -0.012 min
Response: 3467392
Conc: 28.29 ug/ml



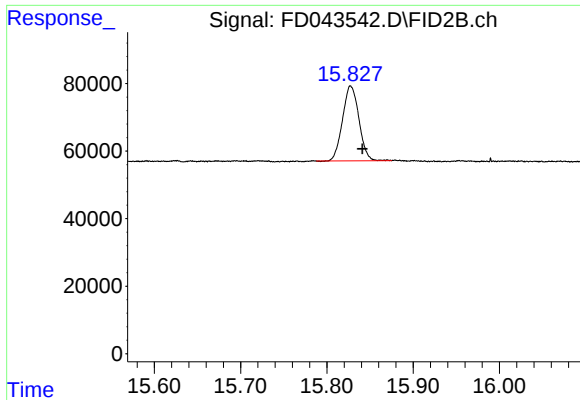
#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: -0.014 min
Response: 306361
Conc: 2.11 ug/ml



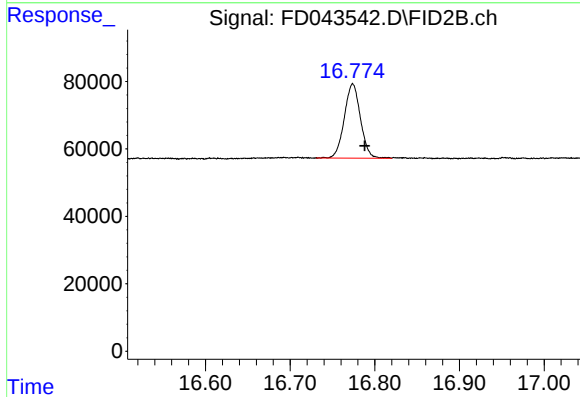
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: -0.013 min
Response: 310050
Conc: 2.14 ug/ml



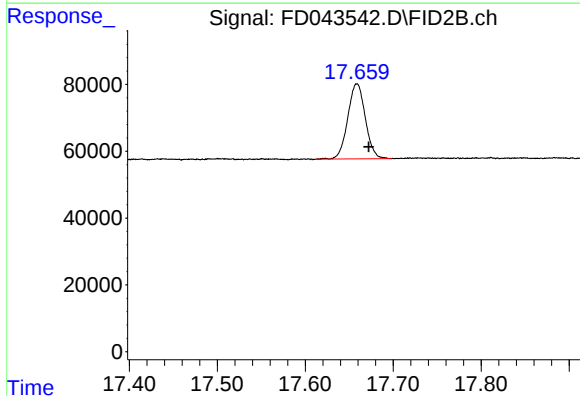
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.014 min
Response: 292739
Conc: 2.04 ug/ml



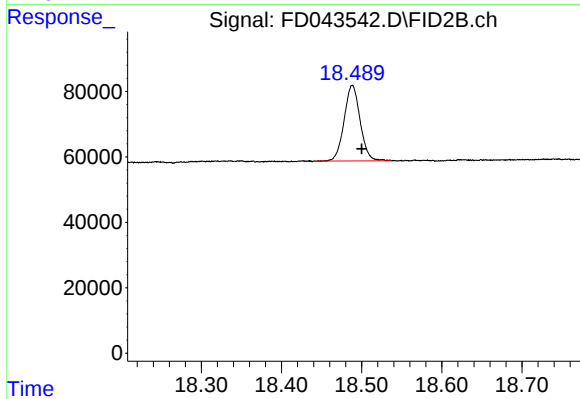
#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.014 min
Response: 291353
Conc: 2.06 ug/ml



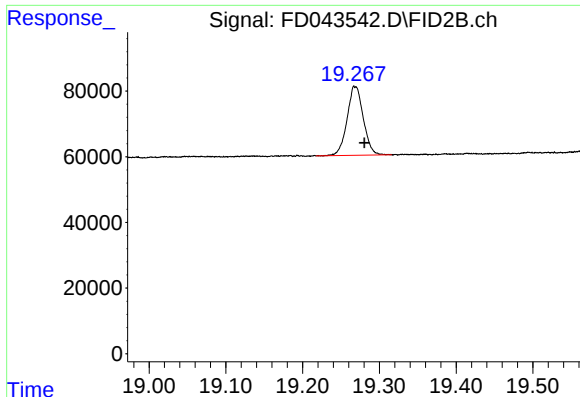
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: -0.013 min
Response: 311251
Conc: 2.21 ug/ml



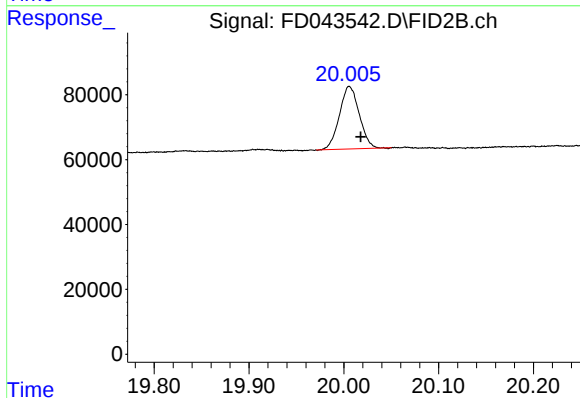
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: -0.012 min
Response: 320615
Conc: 2.32 ug/ml



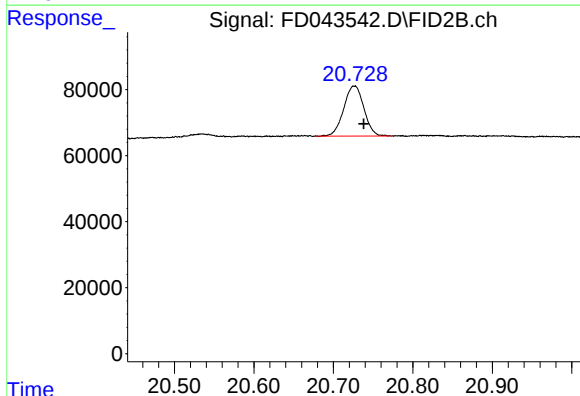
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.013 min
Response: 307082
Conc: 2.39 ug/ml



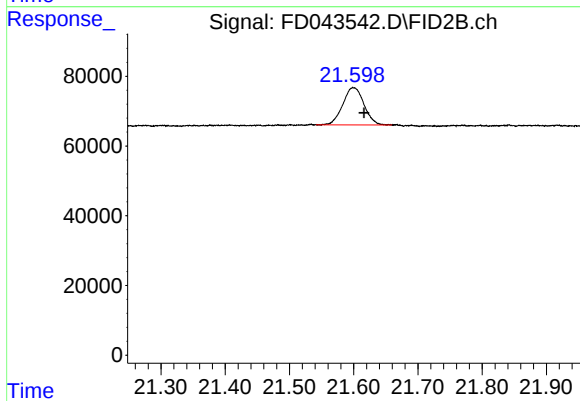
#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.012 min
Response: 279274
Conc: 2.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: -0.012 min
Response: 267366
Conc: 2.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: -0.017 min
Response: 244625
Conc: 2.16 ug/ml