

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE063022AL\
 Data File : FE036310.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jun 2022 15:15
 Operator : YP\AJ
 Sample : N3414-07
 Misc : 4 PPM SOIL LOD
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 01 02:57:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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...	13.310	5831934	37.670 ug/ml
Spiked Amount 50.000		Recovery =	75.34%
Target Compounds			
1) T n-Nonane (C9)	3.262	395325	2.198 ug/ml
2) T n-Decane (C10)	4.516	486297	2.705 ug/ml
4) T n-Dodecane (C12)	6.684	830365	4.483 ug/ml
6) T n-Tetradecane (C14)	8.510	635550	3.400 ug/ml
7) T n-Hexadecane (C16)	10.115	587420	3.137 ug/ml
8) T n-Octadecane (C18)	11.555	622142	3.344 ug/ml
10) T n-Eicosane (C20)	12.863	614721	3.393 ug/ml
11) T n-Heneicosane (C21)	13.475	610507	3.399 ug/ml
13) T n-Docosane (C22)	14.060	603610	3.414 ug/ml
14) T n-Tetracosane (C24)	15.161	609856	3.561 ug/ml
15) T n-Hexacosane (C26)	16.181	605932	3.667 ug/ml
16) T n-Octacosane (C28)	17.131	604426	3.776 ug/ml
17) T n-Tricontane (C30)	18.019	655183	4.232 ug/ml
18) T n-Dotriacontane (C32)	18.850	675110	4.620 ug/ml
19) T n-Tetratriacontane (C34)	19.635	646546	4.672 ug/ml
20) T n-Hexatriacontane (C36)	20.375	610426	4.547 ug/ml
21) T n-Octatriacontane (C38)	21.103	574697	4.321 ug/ml
22) T n-Tetracontane (C40)	21.994	615479	4.402 ug/ml

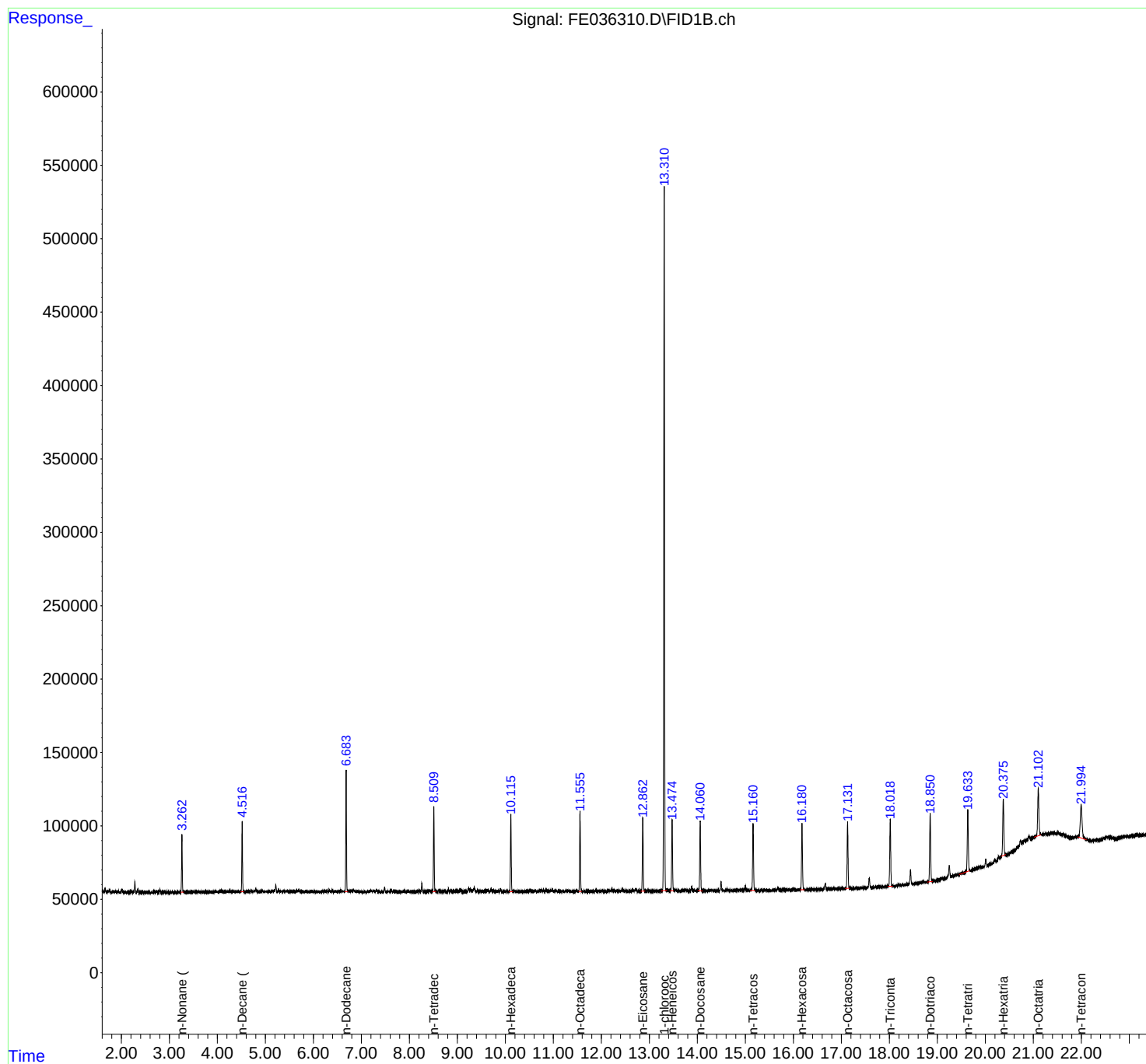
(f)=RT Delta > 1/2 Window

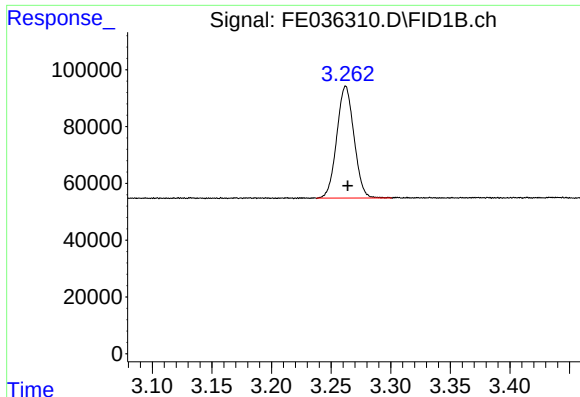
(m)=manual int.

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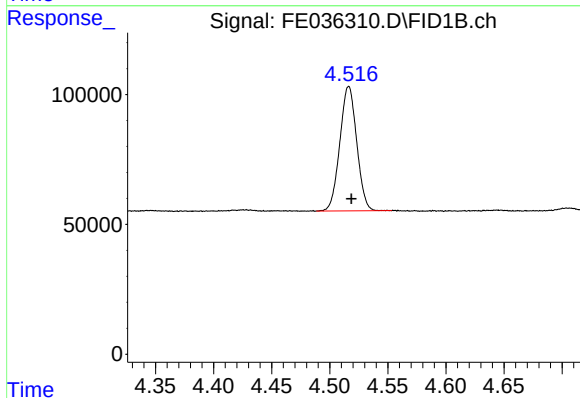
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





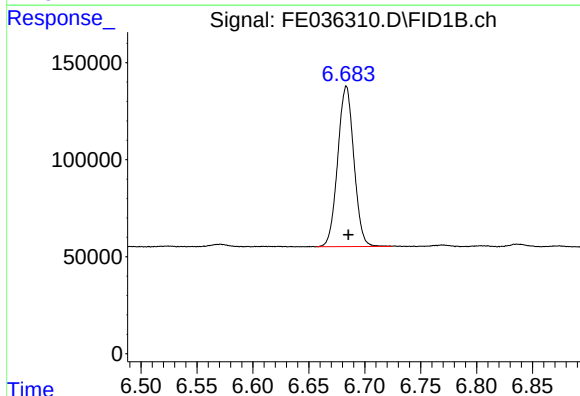
#1 n-Nonane (C9)

R.T.: 3.262 min
Delta R.T.: -0.002 min
Response: 395325
Conc: 2.20 ug/ml



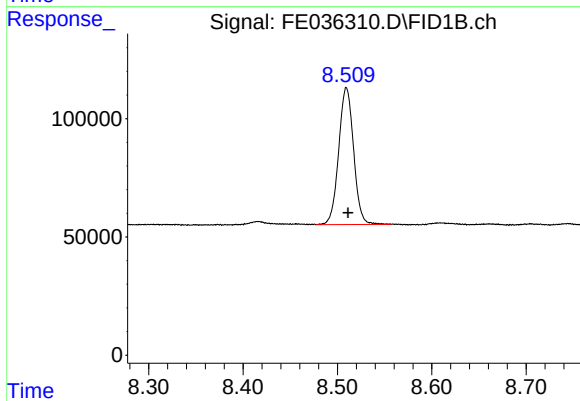
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.002 min
Response: 486297
Conc: 2.71 ug/ml



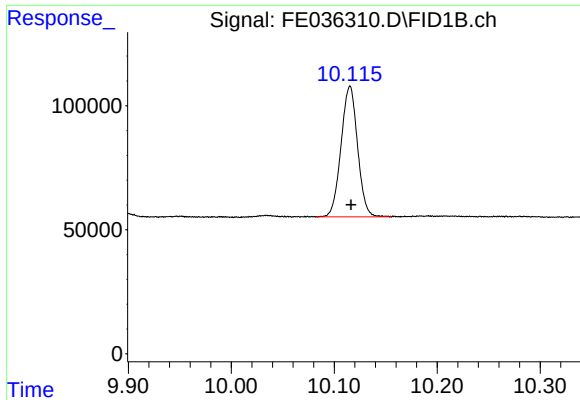
#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: -0.002 min
Response: 830365
Conc: 4.48 ug/ml



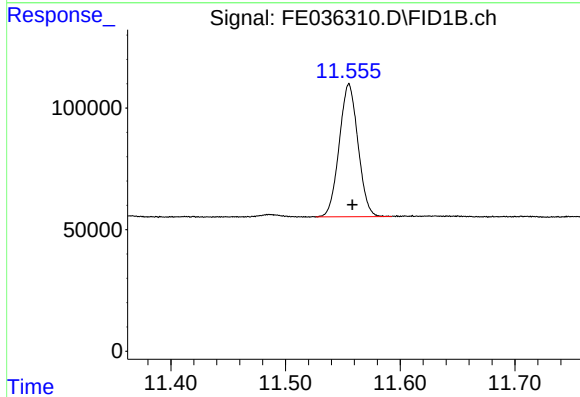
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.002 min
Response: 635550
Conc: 3.40 ug/ml



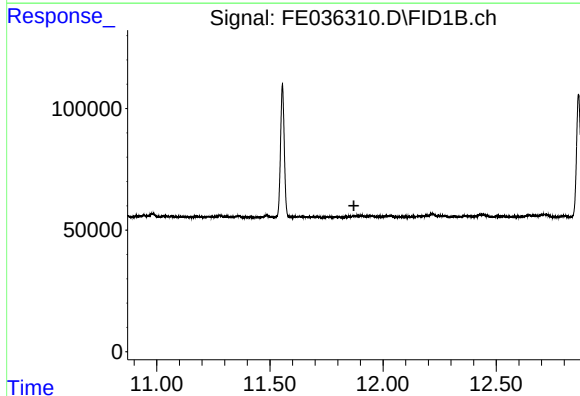
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.001 min
Response: 587420
Conc: 3.14 ug/ml



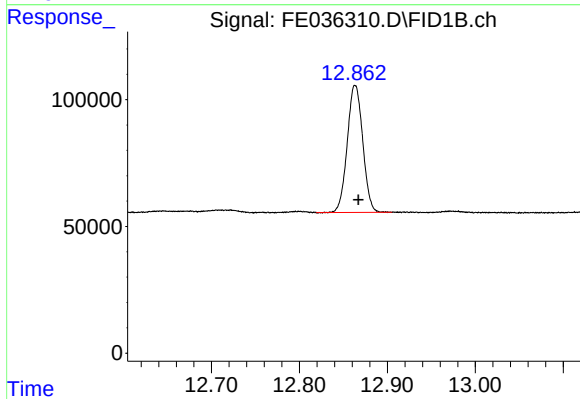
#8 n-Octadecane (C18)

R.T.: 11.555 min
Delta R.T.: -0.003 min
Response: 622142
Conc: 3.34 ug/ml



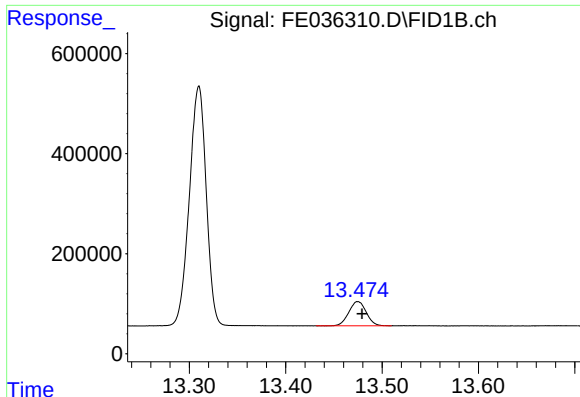
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.871 min
Response: 0
Conc: N.D.



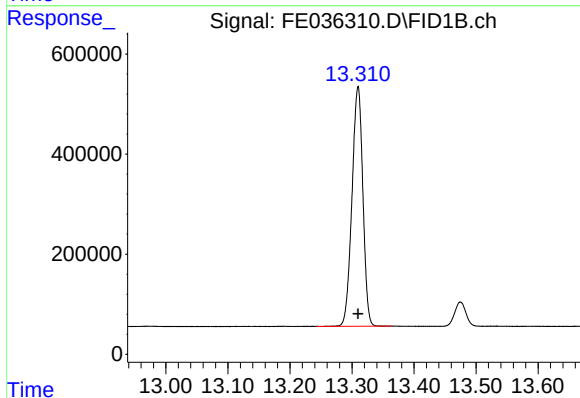
#10 n-Eicosane (C20)

R.T.: 12.863 min
Delta R.T.: -0.004 min
Response: 614721
Conc: 3.39 ug/ml



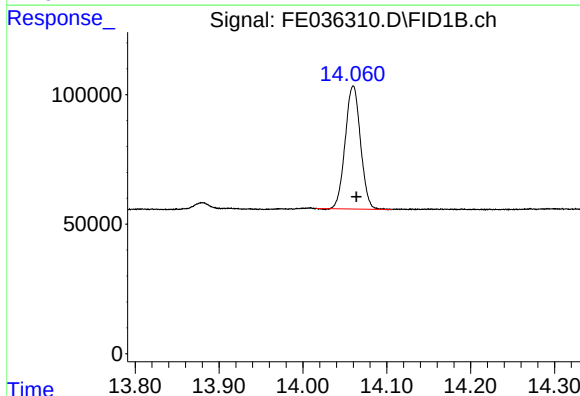
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.005 min
Response: 610507
Conc: 3.40 ug/ml



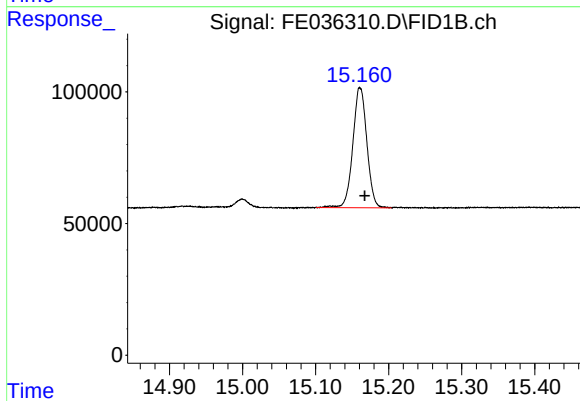
#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 5831934
Conc: 37.67 ug/ml



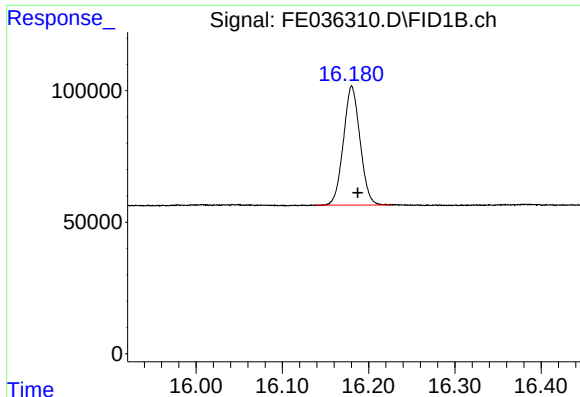
#13 n-Docosane (C22)

R.T.: 14.060 min
Delta R.T.: -0.004 min
Response: 603610
Conc: 3.41 ug/ml



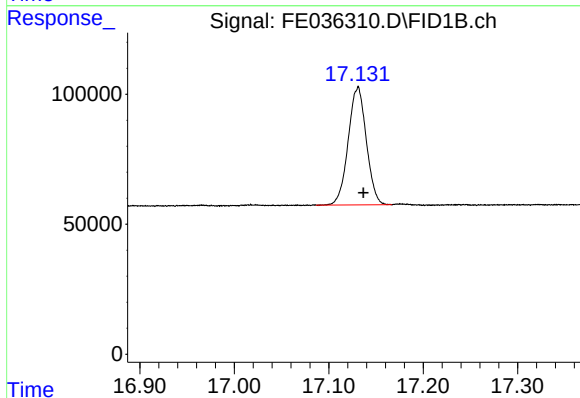
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: -0.006 min
Response: 609856
Conc: 3.56 ug/ml



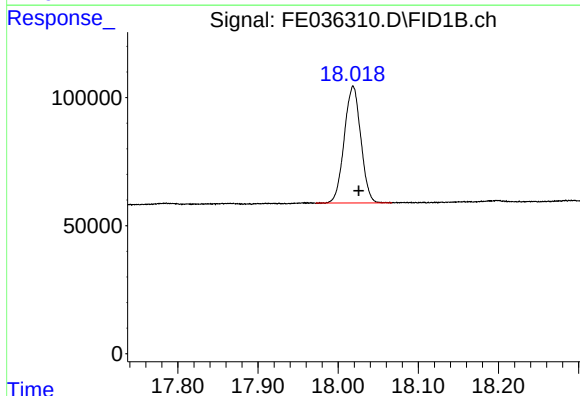
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: -0.007 min
Response: 605932
Conc: 3.67 ug/ml



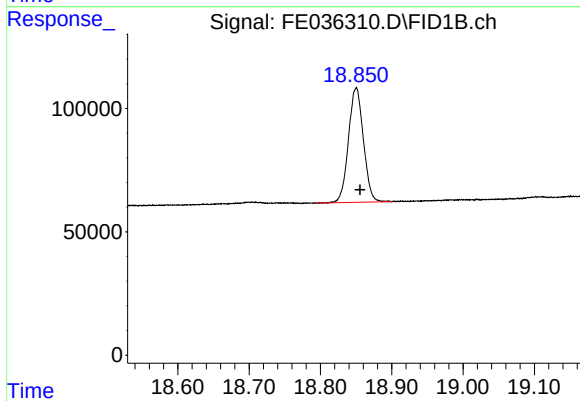
#16 n-Octacosane (C28)

R.T.: 17.131 min
Delta R.T.: -0.006 min
Response: 604426
Conc: 3.78 ug/ml



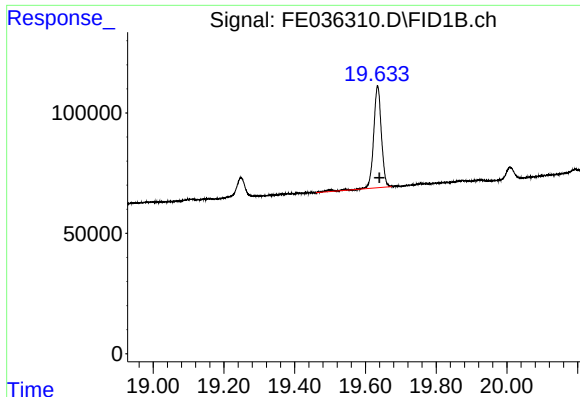
#17 n-Tricontane (C30)

R.T.: 18.019 min
Delta R.T.: -0.007 min
Response: 655183
Conc: 4.23 ug/ml



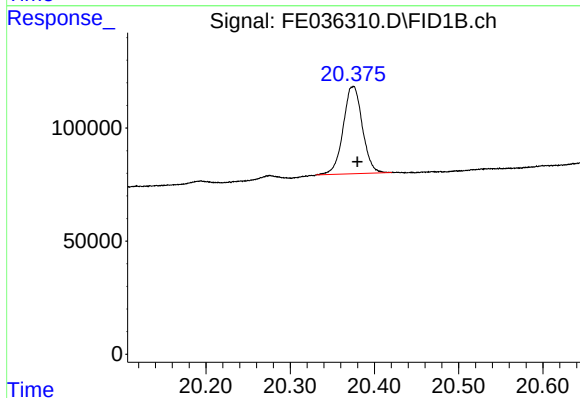
#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.005 min
Response: 675110
Conc: 4.62 ug/ml



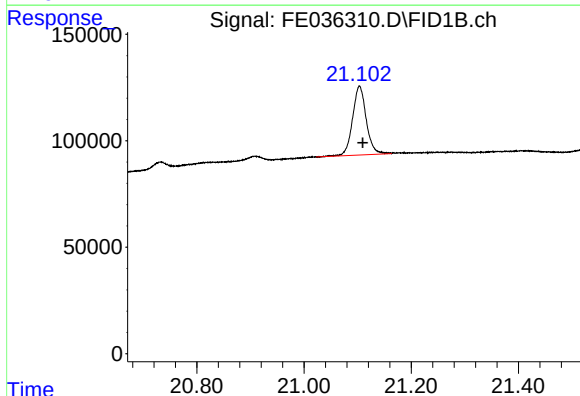
#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: -0.005 min
Response: 646546
Conc: 4.67 ug/ml



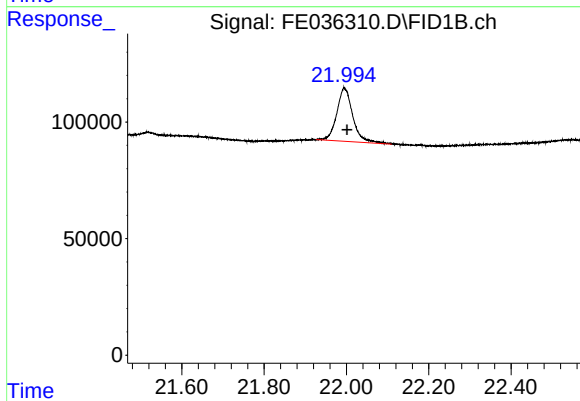
#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: -0.005 min
Response: 610426
Conc: 4.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.006 min
Response: 574697
Conc: 4.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: -0.007 min
Response: 615479
Conc: 4.40 ug/ml