

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE063022AL\
 Data File : FE036302.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jun 2022 10:52
 Operator : YP\AJ
 Sample : N3214-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 01 02:55:33 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	4113055	26.567 ug/ml
Spiked Amount 50.000		Recovery =	53.13%
Target Compounds			
1) T n-Nonane (C9)	3.264	237618	1.321 ug/ml
2) T n-Decane (C10)	4.517	299602	1.667 ug/ml
4) T n-Dodecane (C12)	6.684	564651	3.048 ug/ml
6) T n-Tetradecane (C14)	8.510	383916	2.054 ug/ml
7) T n-Hexadecane (C16)	10.116	343663	1.835 ug/ml
8) T n-Octadecane (C18)	11.556	350961	1.886 ug/ml
10) T n-Eicosane (C20)	12.865	345515	1.907 ug/ml
11) T n-Heneicosane (C21)	13.475	341755	1.903 ug/ml
13) T n-Docosane (C22)	14.062	337380	1.908 ug/ml
14) T n-Tetracosane (C24)	15.163	333867	1.949 ug/ml
15) T n-Hexacosane (C26)	16.184	319499	1.934 ug/ml
16) T n-Octacosane (C28)	17.133	319516	1.996 ug/ml
17) T n-Tricontane (C30)	18.019	344259	2.224 ug/ml
18) T n-Dotriacontane (C32)	18.852	351550	2.406 ug/ml
19) T n-Tetratriacontane (C34)	19.637	340815	2.463 ug/ml
20) T n-Hexatriacontane (C36)	20.376	318968	2.376 ug/ml
21) T n-Octatriacontane (C38)	21.103	1218875	9.165 ug/ml
22) T n-Tetracontane (C40)	21.996	398704	2.851 ug/ml

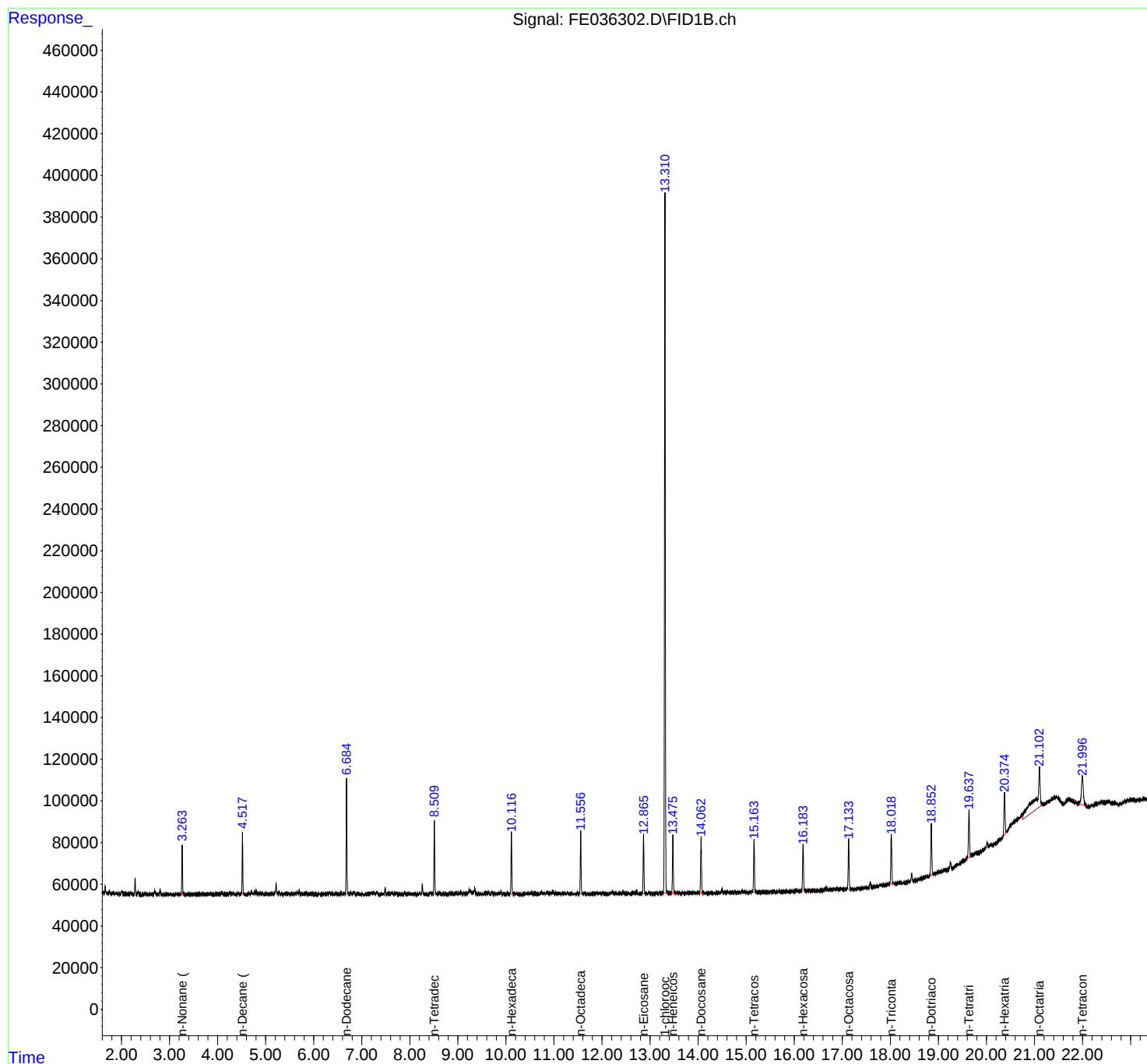
(f)=RT Delta > 1/2 Window

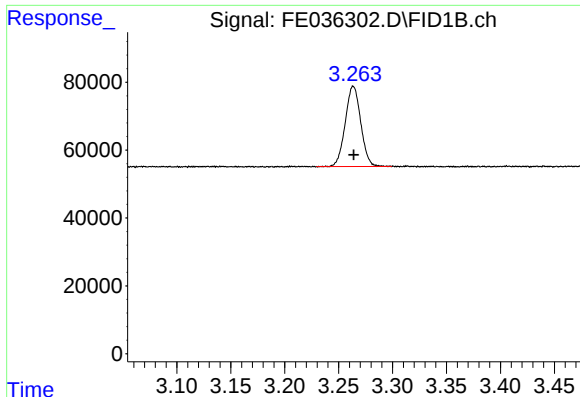
(m)=manual int.

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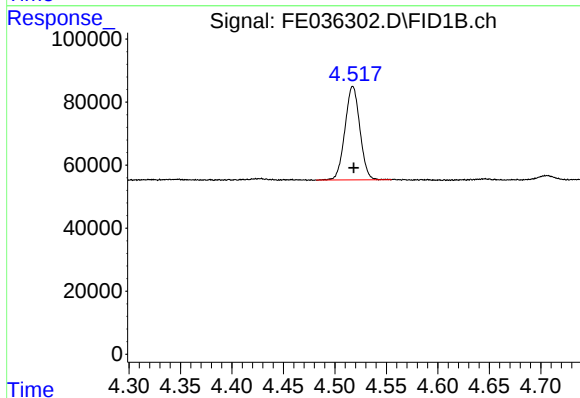
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





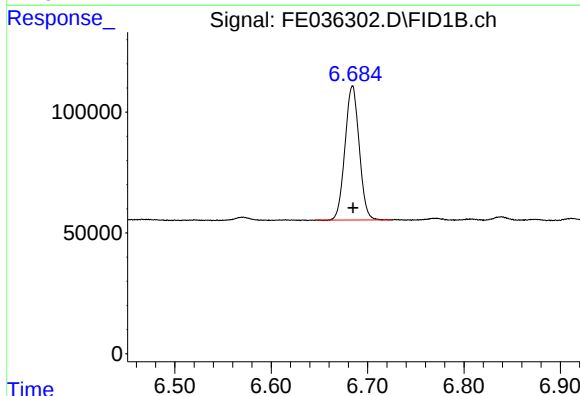
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 237618
Conc: 1.32 ug/ml



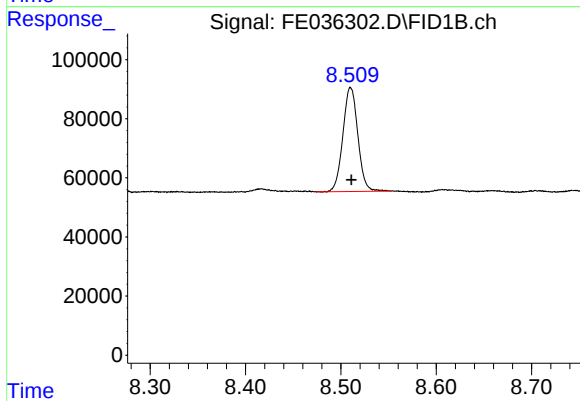
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.001 min
Response: 299602
Conc: 1.67 ug/ml



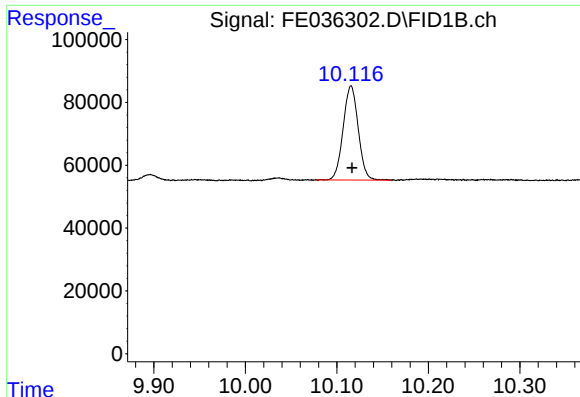
#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 564651
Conc: 3.05 ug/ml



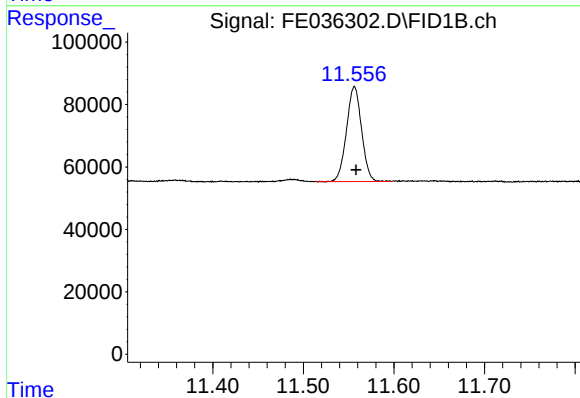
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 383916
Conc: 2.05 ug/ml



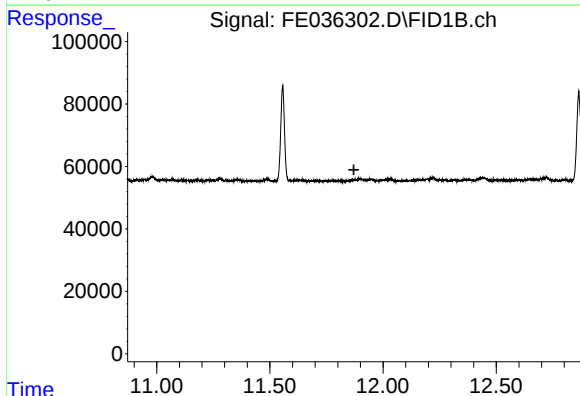
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: 0.000 min
Response: 343663
Conc: 1.84 ug/ml



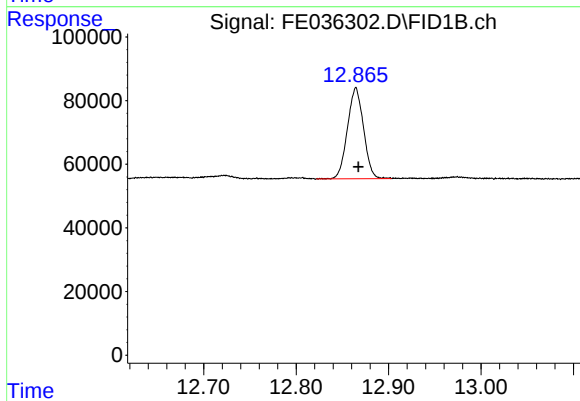
#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: -0.002 min
Response: 350961
Conc: 1.89 ug/ml



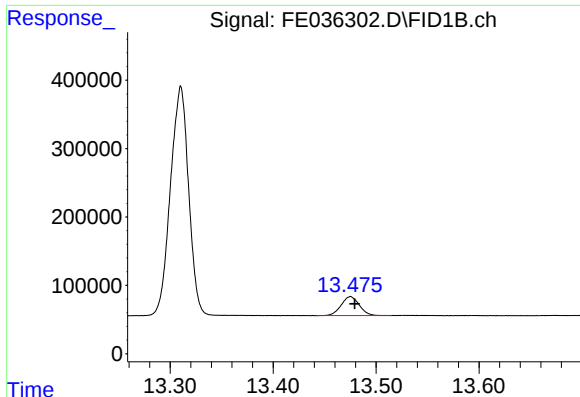
#9 ortho-Terphenyl (SURR)

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



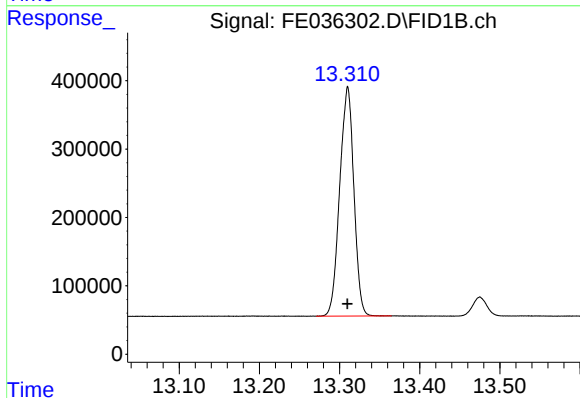
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.003 min
Response: 345515
Conc: 1.91 ug/ml



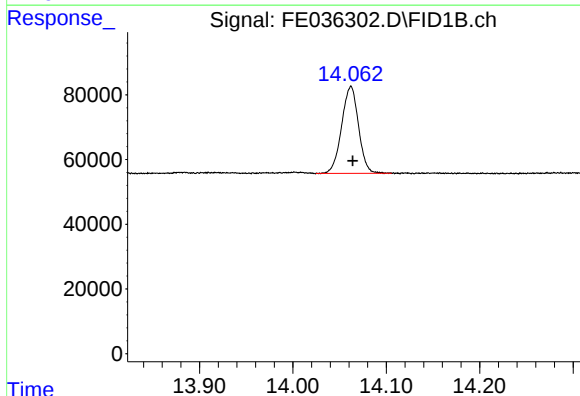
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.004 min
Response: 341755
Conc: 1.90 ug/ml



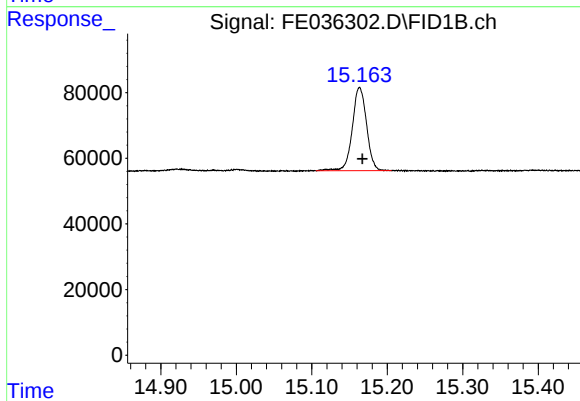
#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 4113055
Conc: 26.57 ug/ml



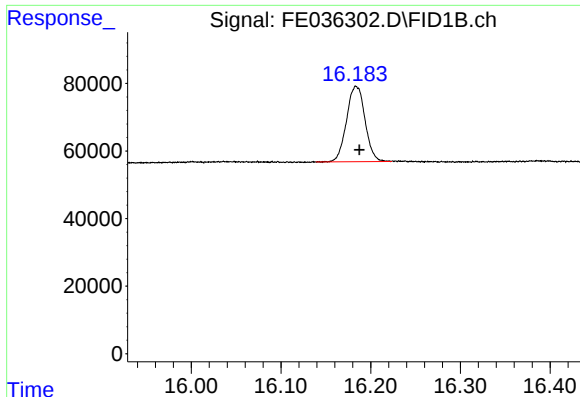
#13 n-Docosane (C22)

R.T.: 14.062 min
Delta R.T.: -0.002 min
Response: 337380
Conc: 1.91 ug/ml



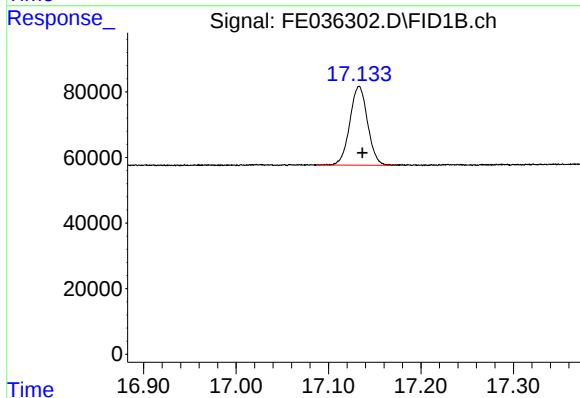
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.004 min
Response: 333867
Conc: 1.95 ug/ml



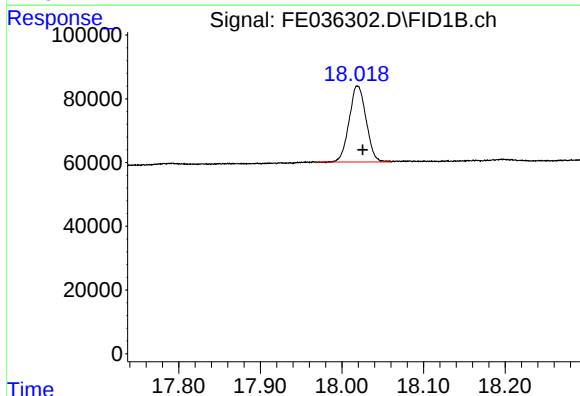
#15 n-Hexacosane (C26)

R.T.: 16.184 min
Delta R.T.: -0.004 min
Response: 319499
Conc: 1.93 ug/ml



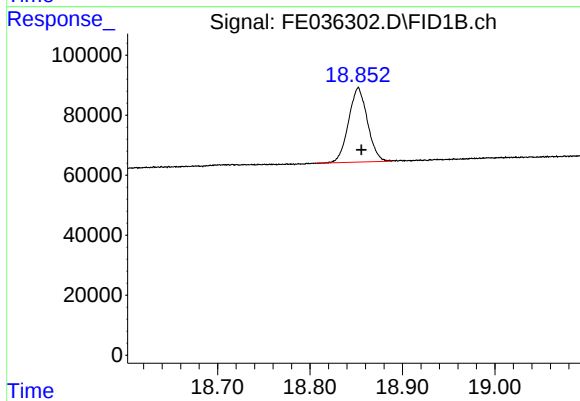
#16 n-Octacosane (C28)

R.T.: 17.133 min
Delta R.T.: -0.004 min
Response: 319516
Conc: 2.00 ug/ml



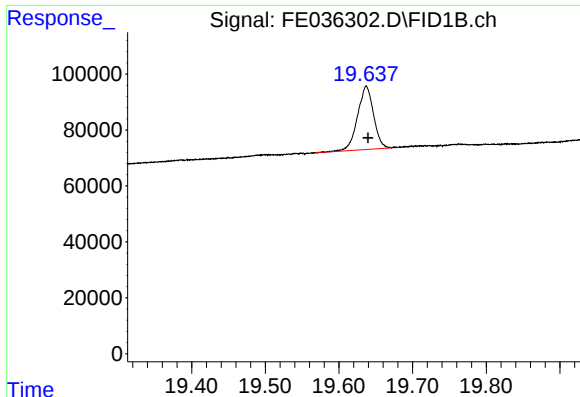
#17 n-Tricontane (C30)

R.T.: 18.019 min
Delta R.T.: -0.007 min
Response: 344259
Conc: 2.22 ug/ml



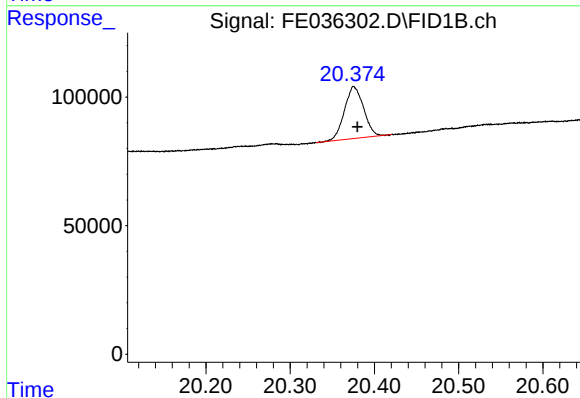
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: -0.003 min
Response: 351550
Conc: 2.41 ug/ml



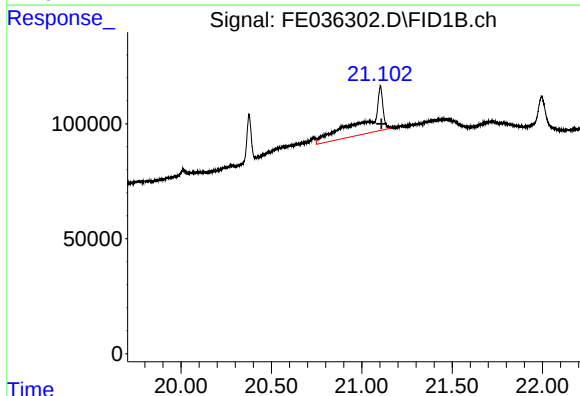
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.002 min
Response: 340815
Conc: 2.46 ug/ml



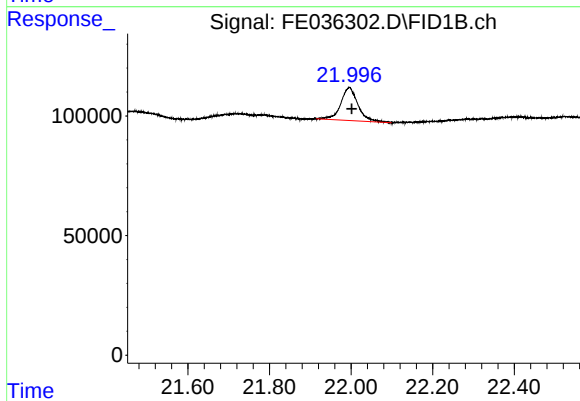
#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.004 min
Response: 318968
Conc: 2.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.006 min
Response: 1218875
Conc: 9.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.996 min
Delta R.T.: -0.005 min
Response: 398704
Conc: 2.85 ug/ml