

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101022AL\
 Data File : FE038040.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2022 17:53
 Operator : YP\AJ
 Sample : N4955-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 06:51:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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...	13.021	3891922	28.794 ug/ml
Spiked Amount 50.000		Recovery =	57.59%
Target Compounds			
1) T n-Nonane (C9)	3.006	169490	1.151 ug/mlm
2) T n-Decane (C10)	4.261	198146	1.340 ug/mlm
4) T n-Dodecane (C12)	6.429	279599	1.835 ug/ml
6) T n-Tetradecane (C14)	8.247	322650	2.108 ug/ml
7) T n-Hexadecane (C16)	9.843	289465	1.853 ug/ml
8) T n-Octadecane (C18)	11.276	308499	1.923 ug/ml
10) T n-Eicosane (C20)	12.577	329253	2.019 ug/ml
11) T n-Heneicosane (C21)	13.185	333201	2.022 ug/ml
13) T n-Docosane (C22)	13.767	383451	2.329 ug/ml
14) T n-Tetracosane (C24)	14.864	405637	2.473 ug/ml
15) T n-Hexacosane (C26)	15.878	403633	2.475 ug/ml
16) T n-Octacosane (C28)	16.823	417082	2.604 ug/ml
17) T n-Tricontane (C30)	17.706	428527	2.678 ug/ml
18) T n-Dotriacontane (C32)	18.534	410320	2.606 ug/ml
19) T n-Tetratriacontane (C34)	19.312	336804	2.273 ug/ml
20) T n-Hexatriacontane (C36)	20.047	275611	1.912 ug/ml
21) T n-Octatriacontane (C38)	20.744	263919	1.945 ug/mlm
22) T n-Tetracontane (C40)	21.508	332347	2.611 ug/mlm

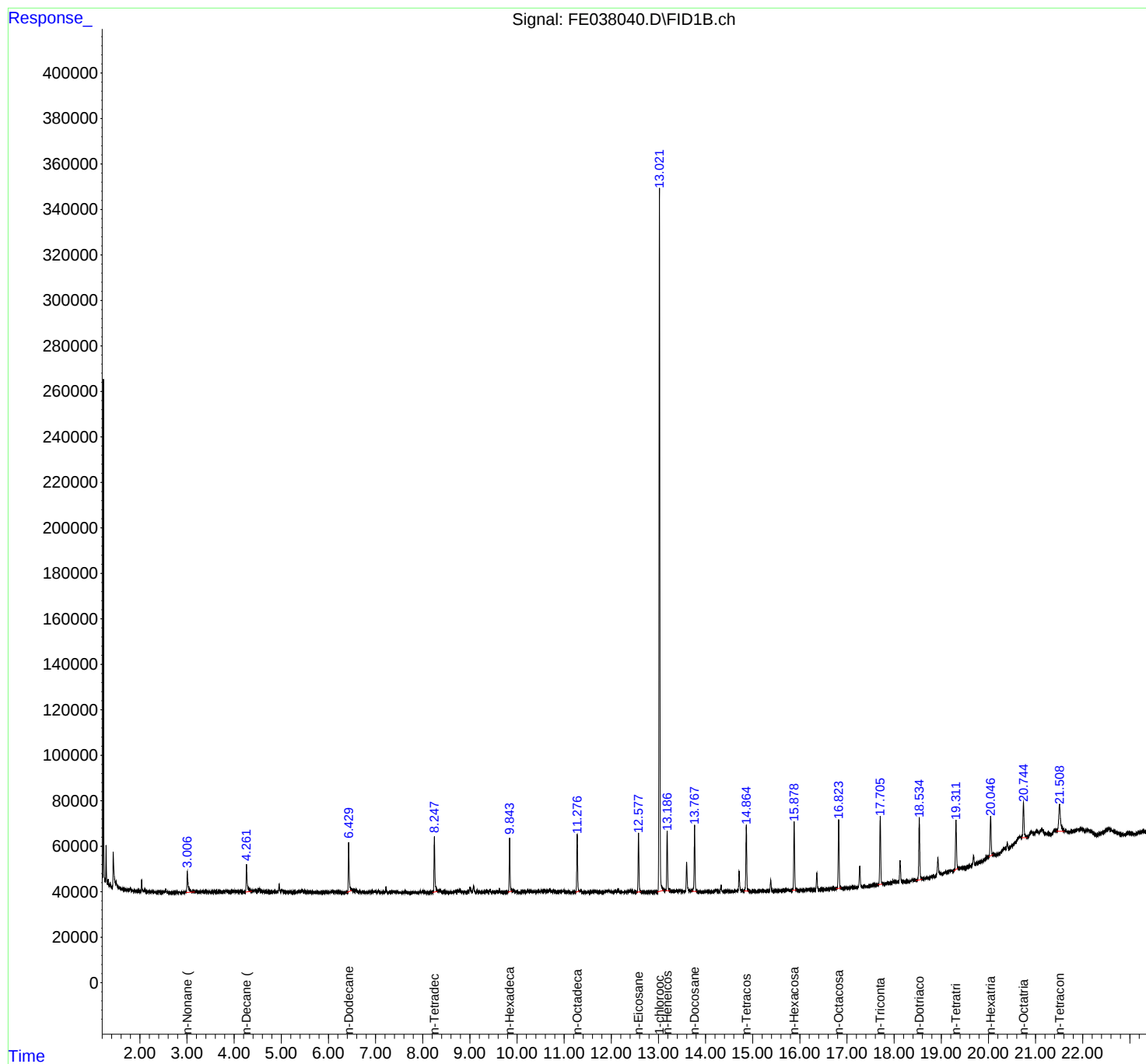
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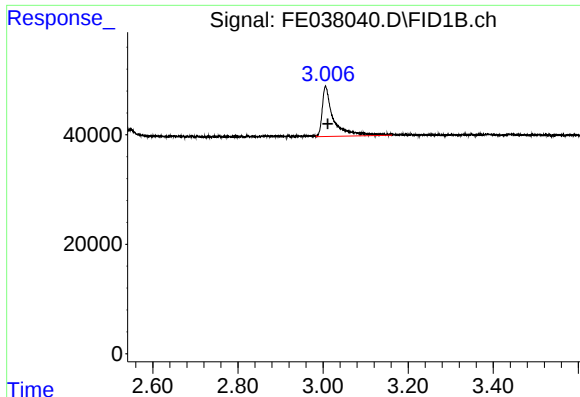
(m)=manual int.

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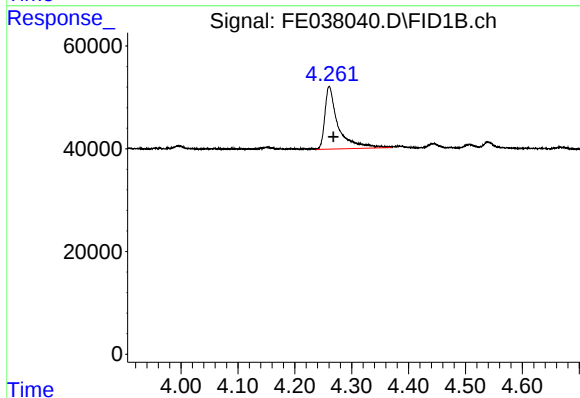
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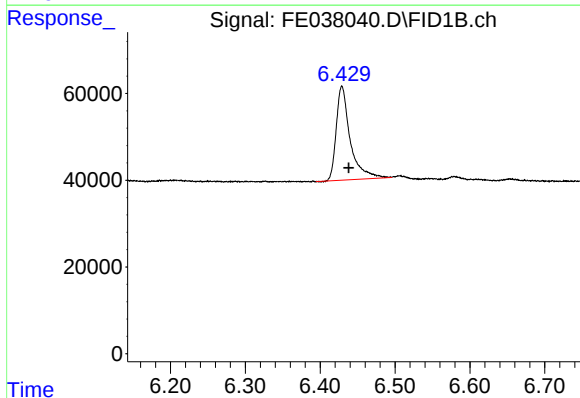
#1 n-Nonane (C9)

R.T.: 3.006 min
Delta R.T.: -0.005 min
Response: 169490
Conc: 1.15 ug/ml m



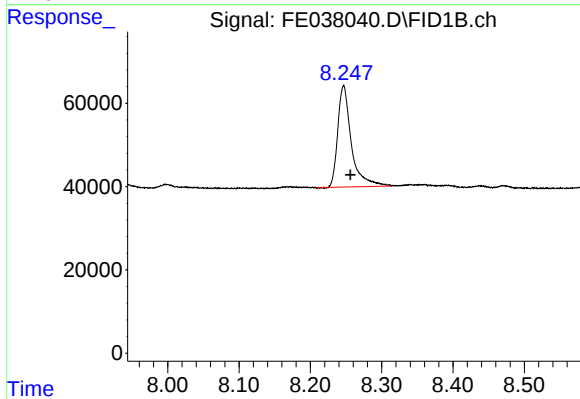
#2 n-Decane (C10)

R.T.: 4.261 min
Delta R.T.: -0.007 min
Response: 198146
Conc: 1.34 ug/ml m



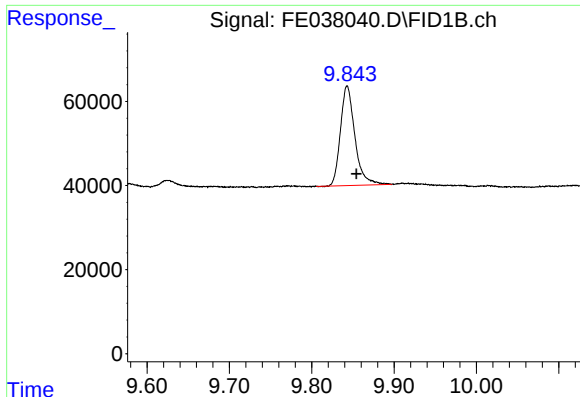
#4 n-Dodecane (C12)

R.T.: 6.429 min
Delta R.T.: -0.009 min
Response: 279599
Conc: 1.83 ug/ml



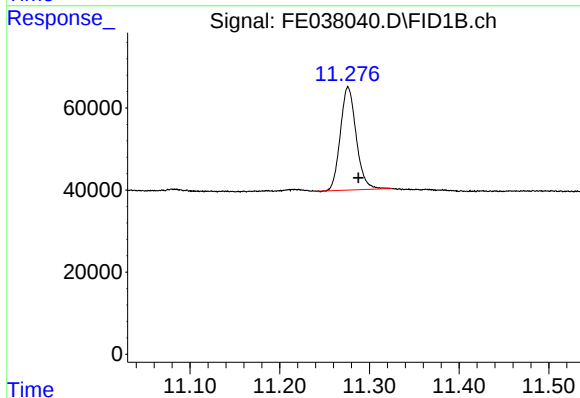
#6 n-Tetradecane (C14)

R.T.: 8.247 min
Delta R.T.: -0.010 min
Response: 322650
Conc: 2.11 ug/ml



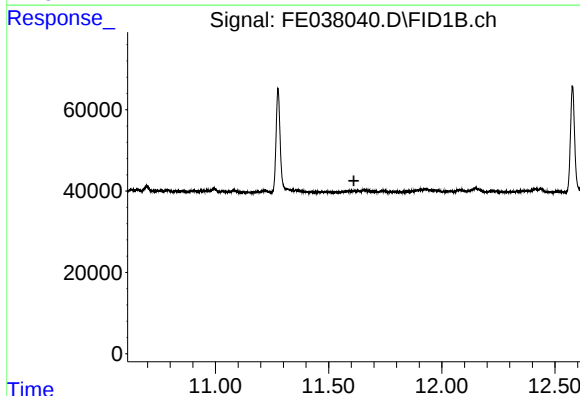
#7 n-Hexadecane (C16)

R.T.: 9.843 min
Delta R.T.: -0.011 min
Response: 289465
Conc: 1.85 ug/ml



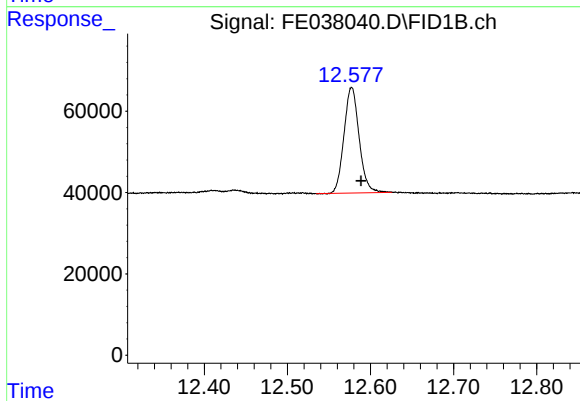
#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: -0.012 min
Response: 308499
Conc: 1.92 ug/ml



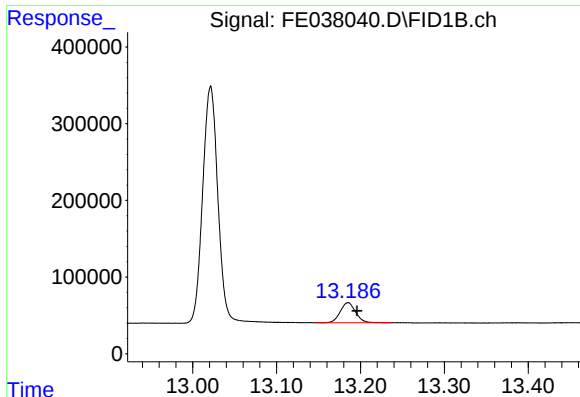
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.612 min
Response: 0
Conc: N.D.



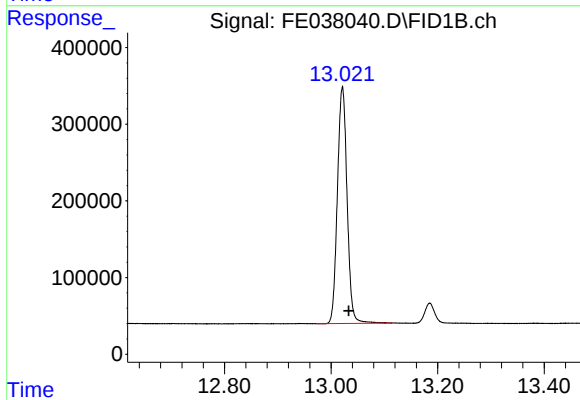
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.011 min
Response: 329253
Conc: 2.02 ug/ml



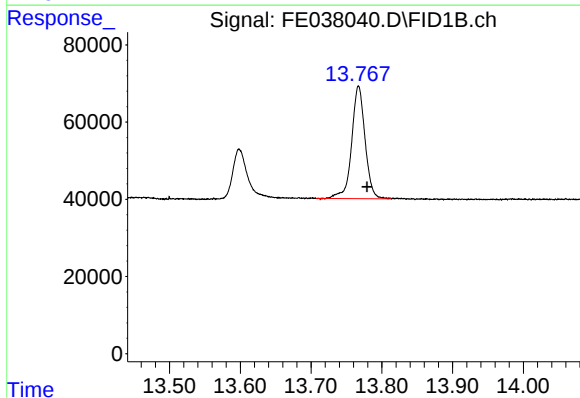
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: -0.011 min
Response: 333201
Conc: 2.02 ug/ml



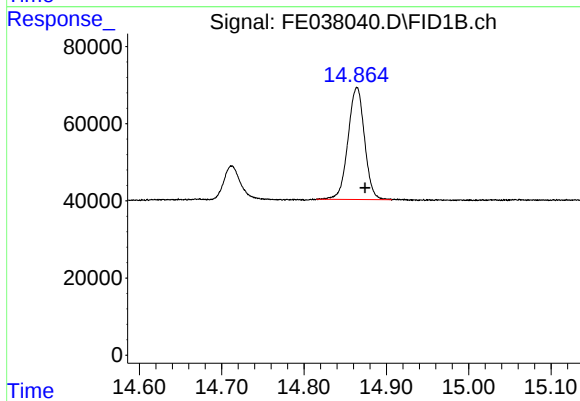
#12 1-chlorooctadecane (SURR)

R.T.: 13.021 min
Delta R.T.: -0.012 min
Response: 3891922
Conc: 28.79 ug/ml



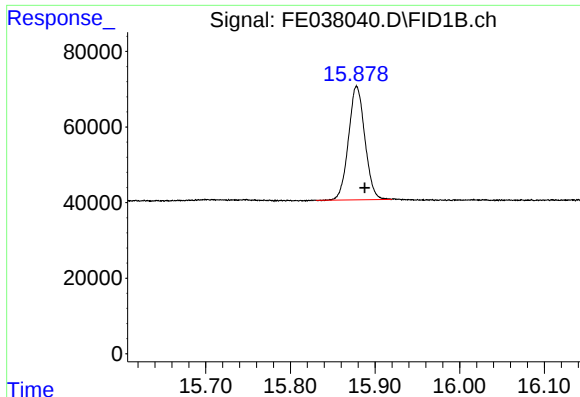
#13 n-Docosane (C22)

R.T.: 13.767 min
Delta R.T.: -0.012 min
Response: 383451
Conc: 2.33 ug/ml



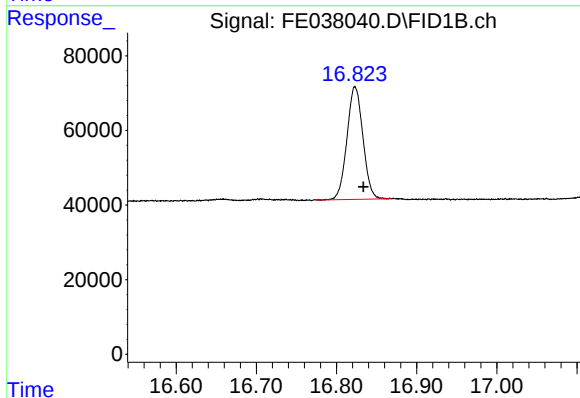
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: -0.010 min
Response: 405637
Conc: 2.47 ug/ml



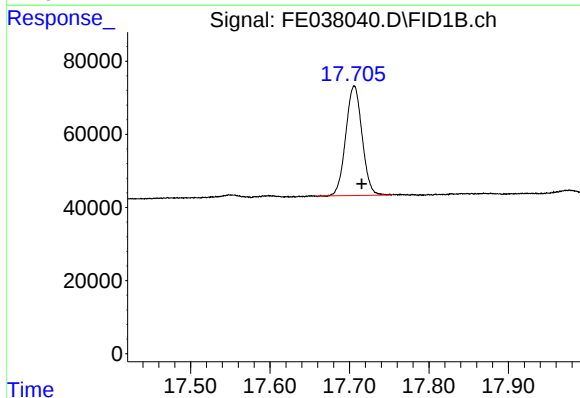
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.010 min
Response: 403633
Conc: 2.48 ug/ml



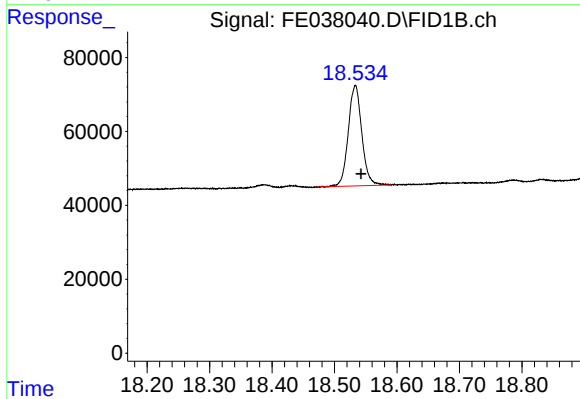
#16 n-Octacosane (C28)

R.T.: 16.823 min
Delta R.T.: -0.010 min
Response: 417082
Conc: 2.60 ug/ml



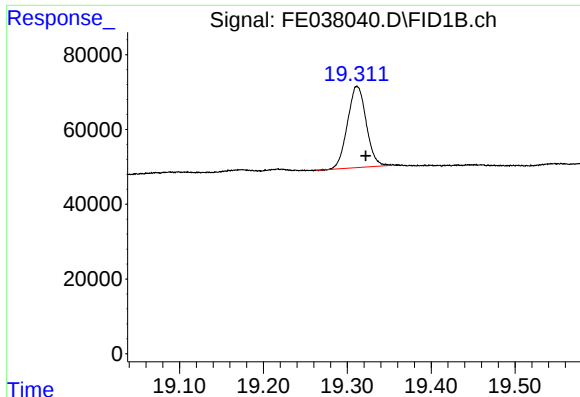
#17 n-Tricontane (C30)

R.T.: 17.706 min
Delta R.T.: -0.009 min
Response: 428527
Conc: 2.68 ug/ml



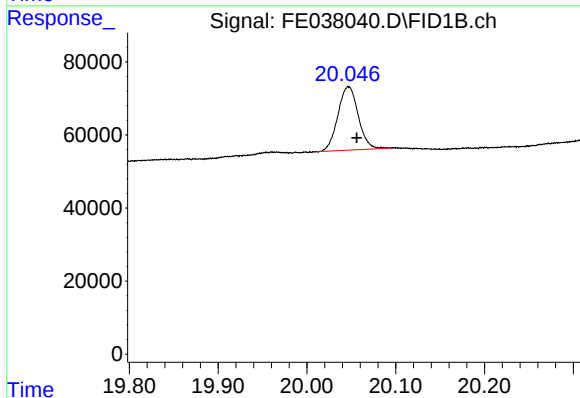
#18 n-Dotriacontane (C32)

R.T.: 18.534 min
Delta R.T.: -0.009 min
Response: 410320
Conc: 2.61 ug/ml



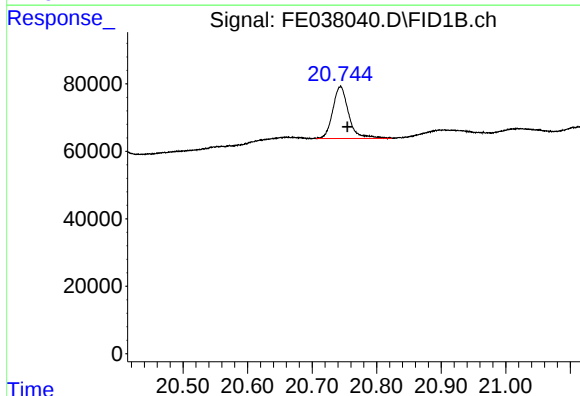
#19 n-Tetratriacontane (C34)

R.T.: 19.312 min
Delta R.T.: -0.011 min
Response: 336804
Conc: 2.27 ug/ml



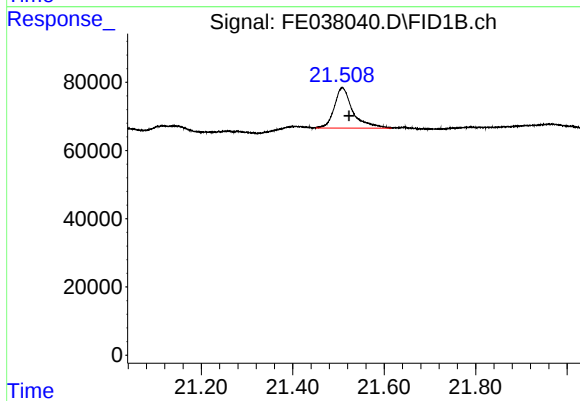
#20 n-Hexatriacontane (C36)

R.T.: 20.047 min
Delta R.T.: -0.009 min
Response: 275611
Conc: 1.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.744 min
Delta R.T.: -0.010 min
Response: 263919
Conc: 1.94 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.508 min
Delta R.T.: -0.015 min
Response: 332347
Conc: 2.61 ug/ml m