

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100623AL\
 Data File : FE044641.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2023 09:15
 Operator : YP\AJ
 Sample : 04699-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 06 17:43:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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...	13.374	4279212	31.455 ug/ml
Spiked Amount 50.000		Recovery =	62.91%
Target Compounds			
1) T n-Nonane (C9)	3.303	244552	1.506 ug/ml
2) T n-Decane (C10)	4.556	313371	1.892 ug/ml
4) T n-Dodecane (C12)	6.723	394097	2.369 ug/ml
6) T n-Tetradecane (C14)	8.552	359917	2.192 ug/ml
7) T n-Hexadecane (C16)	10.165	360252	2.127 ug/ml
8) T n-Octadecane (C18)	11.612	371963	2.191 ug/ml
10) T n-Eicosane (C20)	12.926	379230	2.357 ug/ml
11) T n-Heneicosane (C21)	13.540	361883	2.311 ug/ml
13) T n-Docosane (C22)	14.128	361229	2.342 ug/ml
14) T n-Tetracosane (C24)	15.235	354027	2.342 ug/ml
15) T n-Hexacosane (C26)	16.260	341797	2.324 ug/ml
16) T n-Octacosane (C28)	17.212	343575	2.396 ug/ml
17) T n-Tricontane (C30)	18.102	361592	2.439 ug/ml
18) T n-Dotriacontane (C32)	18.938	386033	2.608 ug/ml
19) T n-Tetratriacontane (C34)	19.725	353274	2.417 ug/ml
20) T n-Hexatriacontane (C36)	20.467	330422	2.278 ug/ml
21) T n-Octatriacontane (C38)	21.217	321547	2.147 ug/ml
22) T n-Tetracontane (C40)	22.153	447719	2.837 ug/ml

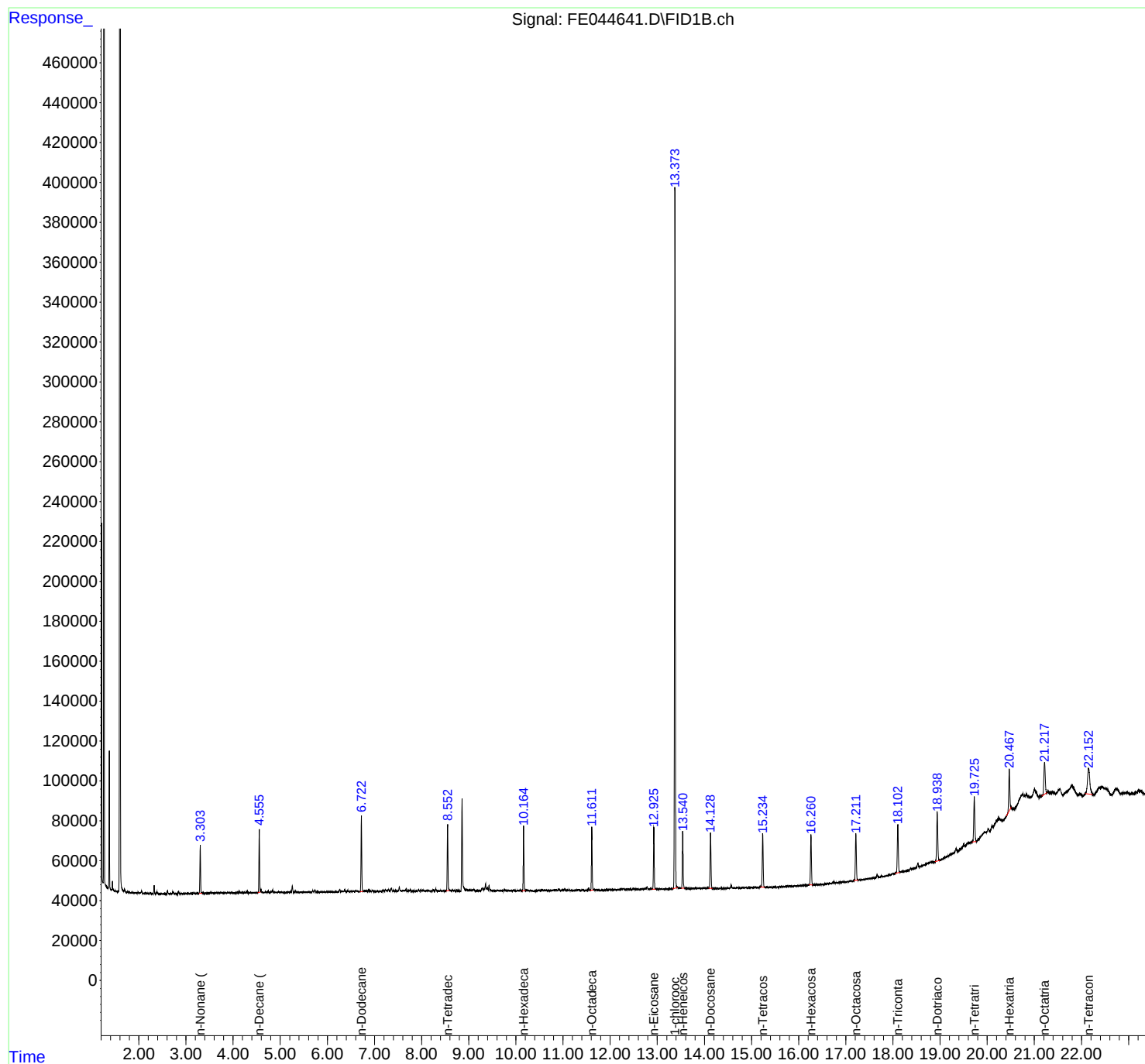
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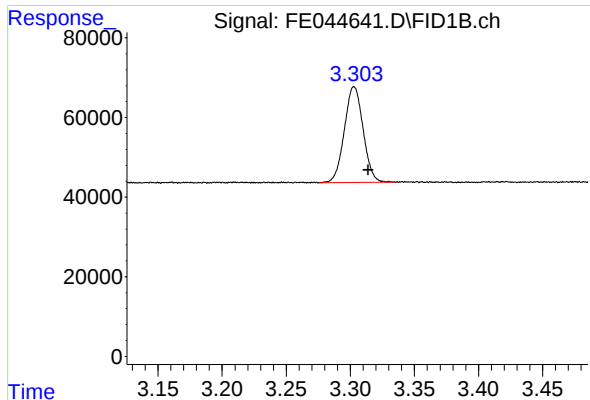
(m)=manual int.

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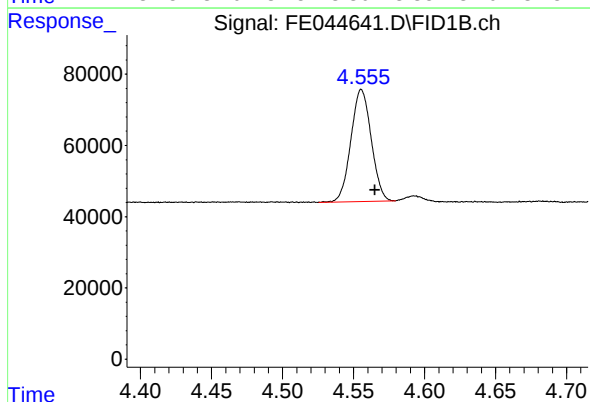
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





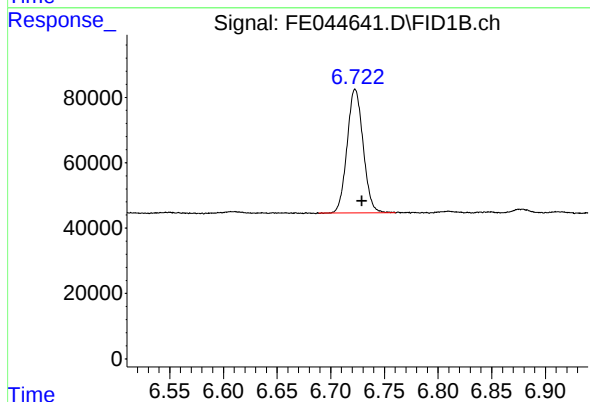
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.011 min
Response: 244552
Conc: 1.51 ug/ml



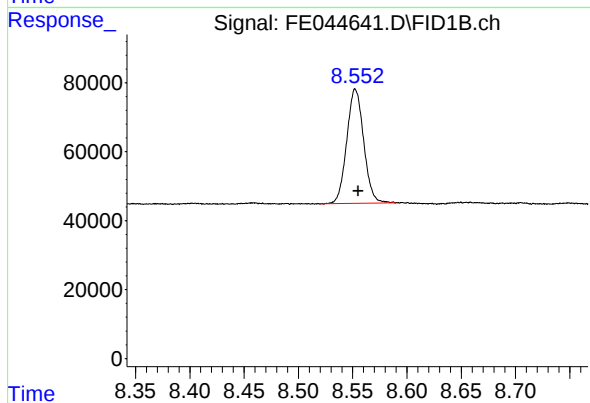
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: -0.009 min
Response: 313371
Conc: 1.89 ug/ml



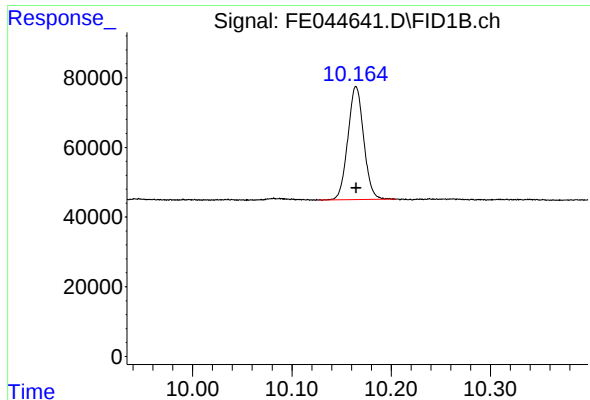
#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 394097
Conc: 2.37 ug/ml



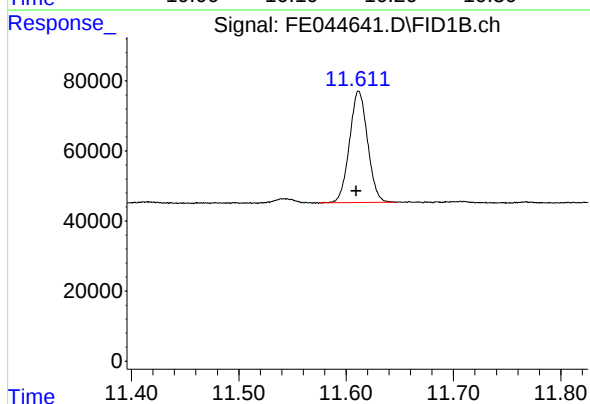
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.003 min
Response: 359917
Conc: 2.19 ug/ml



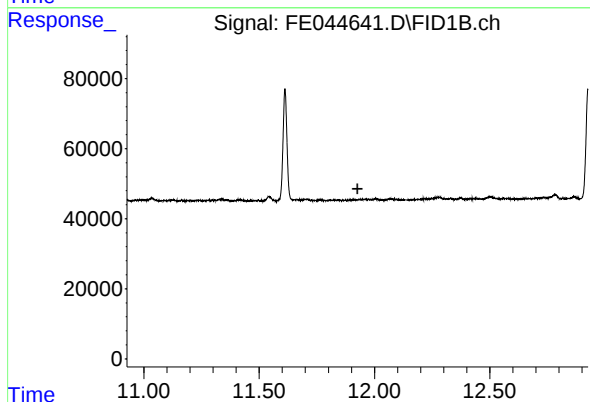
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: 0.000 min
Response: 360252
Conc: 2.13 ug/ml



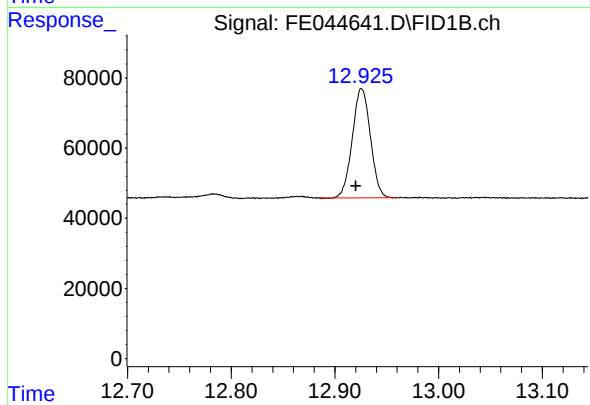
#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: 0.002 min
Response: 371963
Conc: 2.19 ug/ml



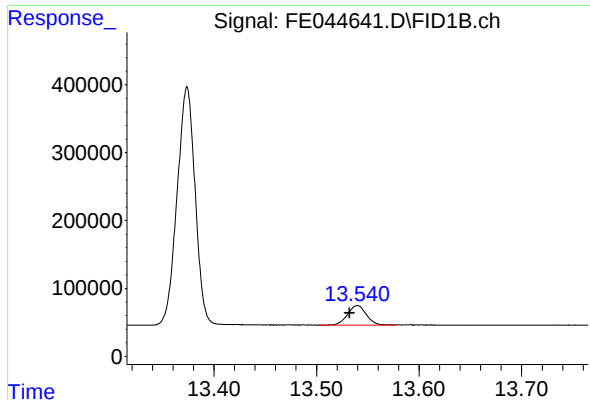
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.926 min
Response: 0
Conc: N.D.



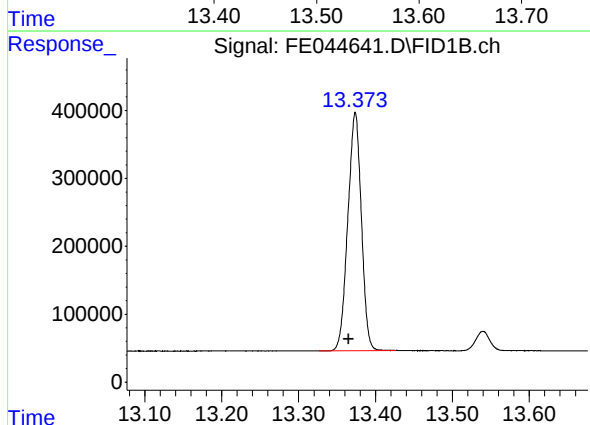
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: 0.006 min
Response: 379230
Conc: 2.36 ug/ml



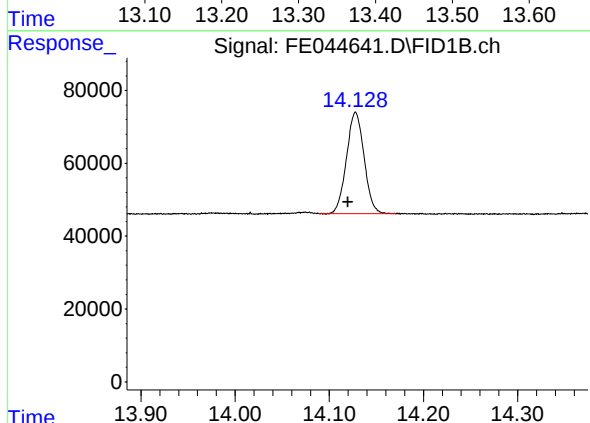
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: 0.007 min
Response: 361883
Conc: 2.31 ug/ml



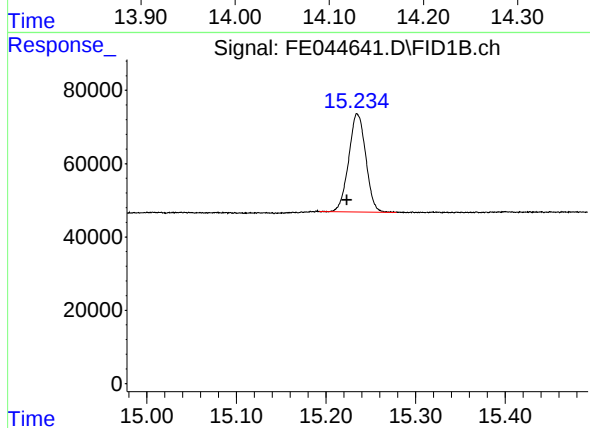
#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min
Delta R.T.: 0.009 min
Response: 4279212
Conc: 31.45 ug/ml



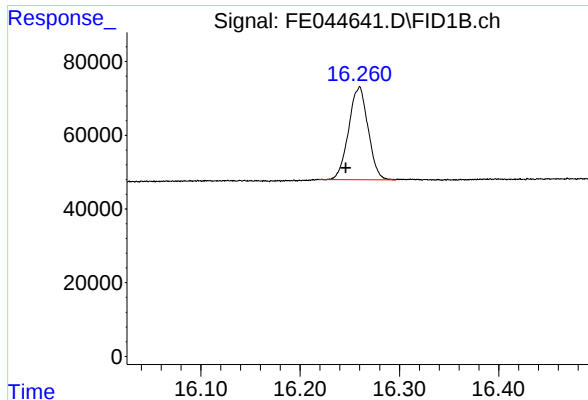
#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: 0.008 min
Response: 361229
Conc: 2.34 ug/ml



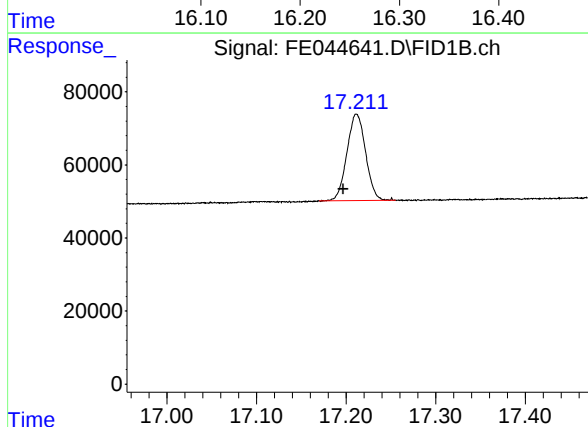
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: 0.012 min
Response: 354027
Conc: 2.34 ug/ml



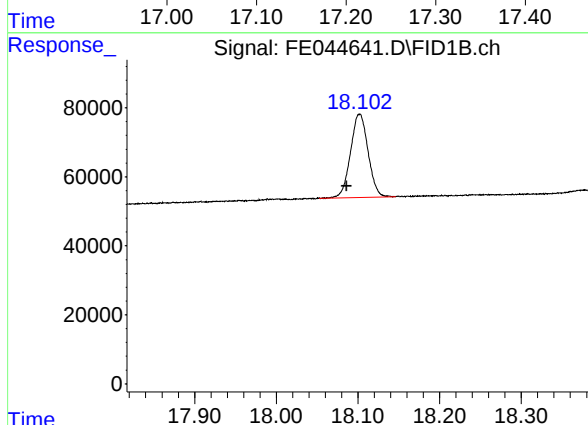
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.014 min
Response: 341797
Conc: 2.32 ug/ml



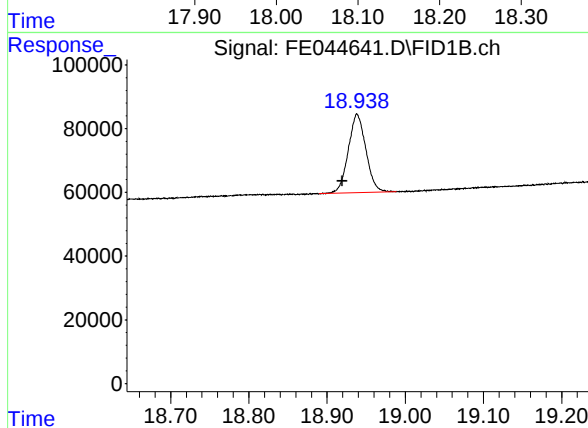
#16 n-Octacosane (C28)

R.T.: 17.212 min
Delta R.T.: 0.015 min
Response: 343575
Conc: 2.40 ug/ml



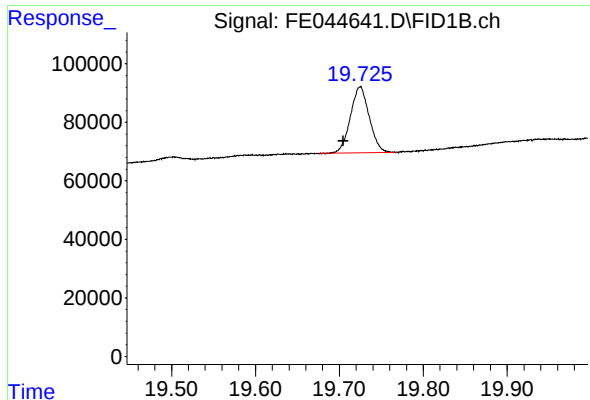
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: 0.016 min
Response: 361592
Conc: 2.44 ug/ml



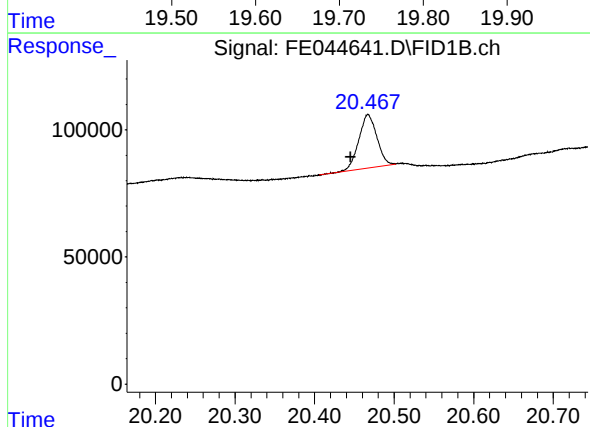
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: 0.019 min
Response: 386033
Conc: 2.61 ug/ml



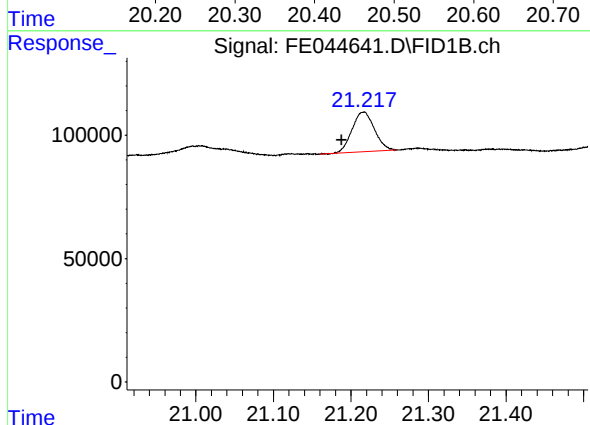
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.020 min
Response: 353274
Conc: 2.42 ug/ml



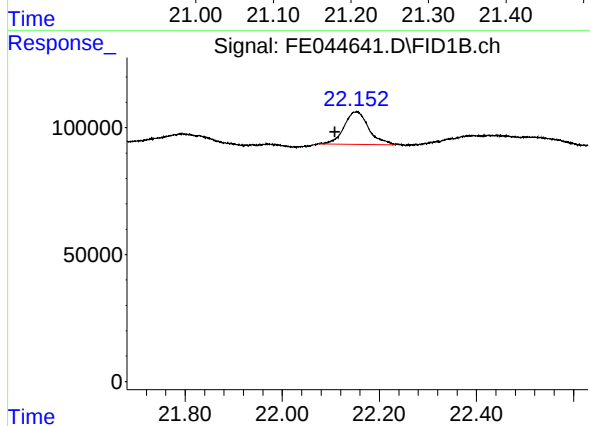
#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: 0.022 min
Response: 330422
Conc: 2.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.028 min
Response: 321547
Conc: 2.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: 0.044 min
Response: 447719
Conc: 2.84 ug/ml