

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081023AL\
 Data File : FE043858.D
 Signal(s) : FID1B.ch
 Acq On : 10 Aug 2023 19:18
 Operator : YP\AJ
 Sample : 03954-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 10 23:37:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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			
9) S ortho-Terphenyl (SURR)	11.964	7744980	37.584 ug/ml
Spiked Amount 50.000		Recovery =	75.17%
12) S 1-chlorooctadecane (S...	13.375	122105190	782.488 ug/ml
Spiked Amount 50.000		Recovery =	1564.98%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.295	41724512	229.166 ug/ml
4) T n-Dodecane (C12)	6.755	144473	0.863 ug/ml
5) T A~2-methylnaphthalene...	7.381	16195830	90.974 ug/ml
6) T n-Tetradecane (C14)	8.556	461858	2.741 ug/ml
7) T n-Hexadecane (C16)	10.195	9993423	56.652 ug/ml
8) T n-Octadecane (C18)	11.612	1887484	10.420 ug/ml
10) T n-Eicosane (C20)	12.957	5944554	33.591 ug/ml
11) T n-Heneicosane (C21)	13.554	1120426	6.328 ug/ml
13) T n-Docosane (C22)	14.140	3748631	21.372 ug/ml
14) T n-Tetracosane (C24)	15.223	50436808	287.060 ug/ml
15) T n-Hexacosane (C26)	16.266	5059179	29.272 ug/ml
16) T n-Octacosane (C28)	17.208	1261993	7.542 ug/ml
17) T n-Tricontane (C30)	18.115	1716989	10.367 ug/ml
18) T n-Dotriacontane (C32)	18.939	577405	3.657 ug/ml
19) T n-Tetratriacontane (C34)	19.724	559395	3.764 ug/ml
20) T n-Hexatriacontane (C36)	20.426	603793	4.320 ug/ml
22) T n-Tetracontane (C40)	22.106	302313	2.343 ug/ml

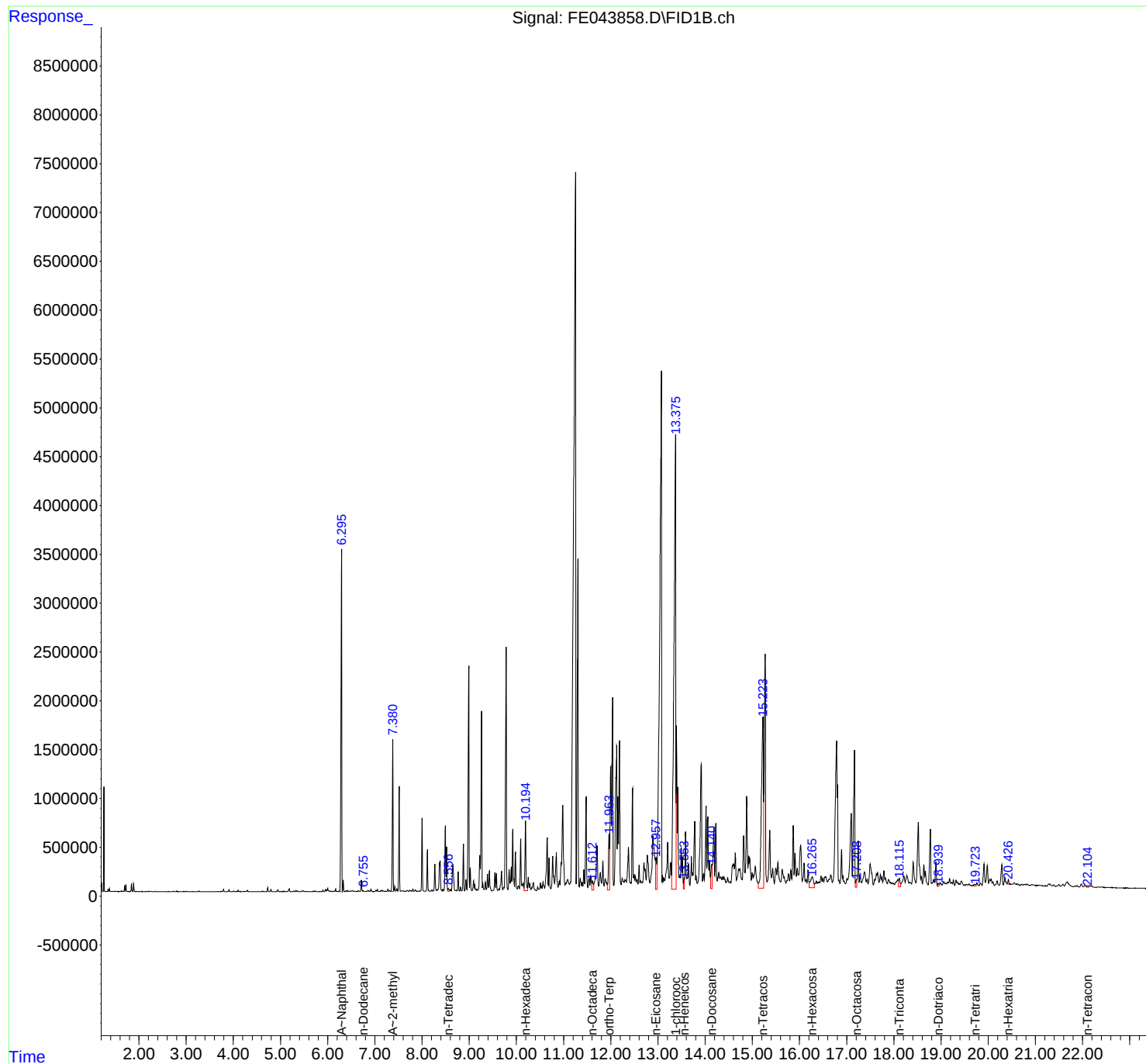
(f)=RT Delta > 1/2 Window

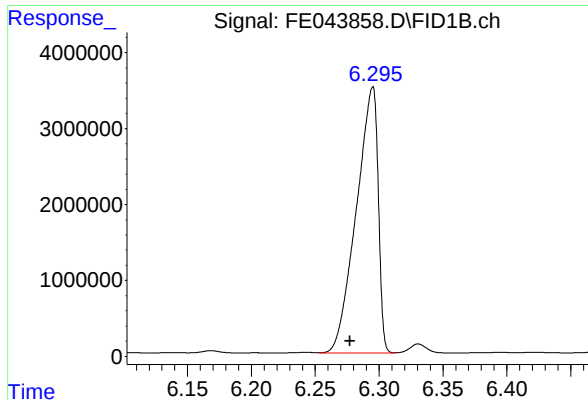
(m)=manual int.

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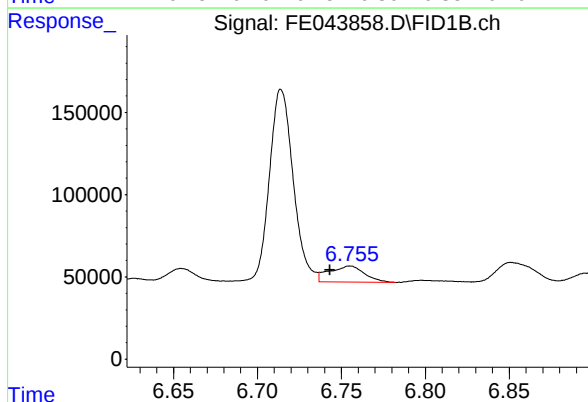
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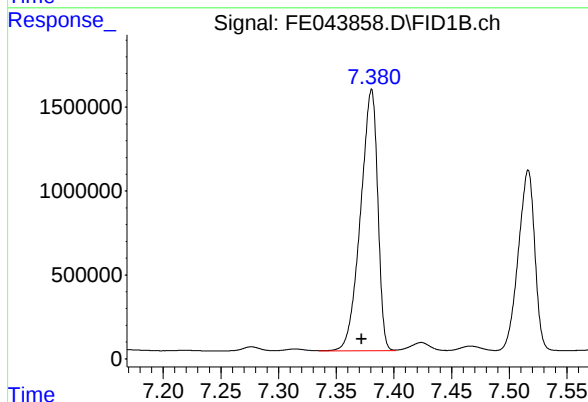
#3 A~Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: 0.018 min
Response: 41724512
Conc: 229.17 ug/ml



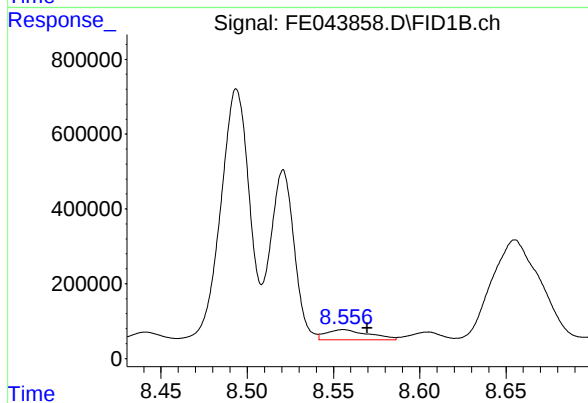
#4 n-Dodecane (C12)

R.T.: 6.755 min
Delta R.T.: 0.012 min
Response: 144473
Conc: 0.86 ug/ml



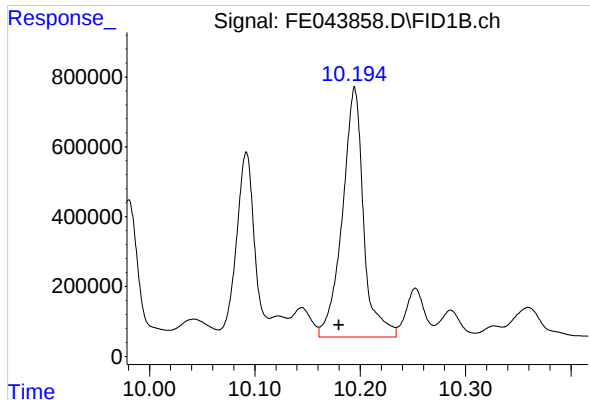
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.381 min
Delta R.T.: 0.009 min
Response: 16195830
Conc: 90.97 ug/ml



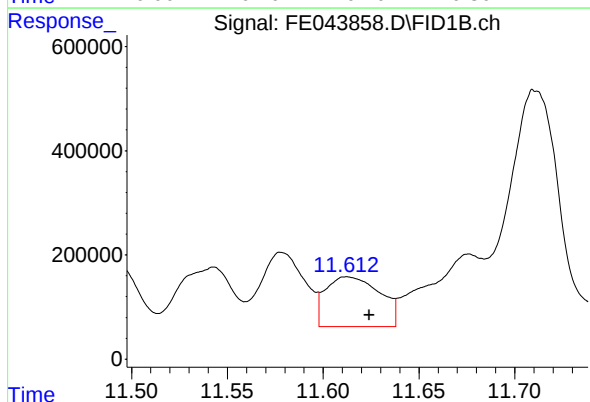
#6 n-Tetradecane (C14)

R.T.: 8.556 min
Delta R.T.: -0.014 min
Response: 461858
Conc: 2.74 ug/ml



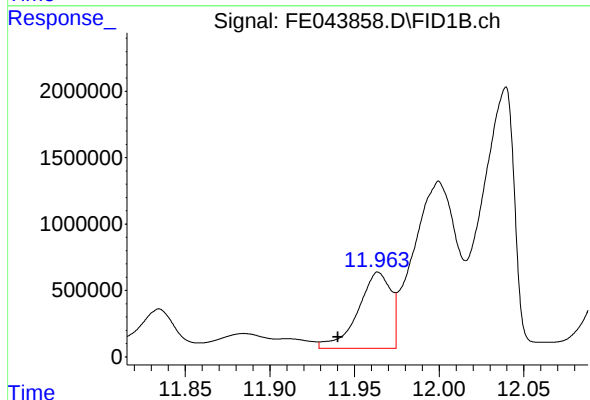
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: 0.015 min
Response: 9993423
Conc: 56.65 ug/ml



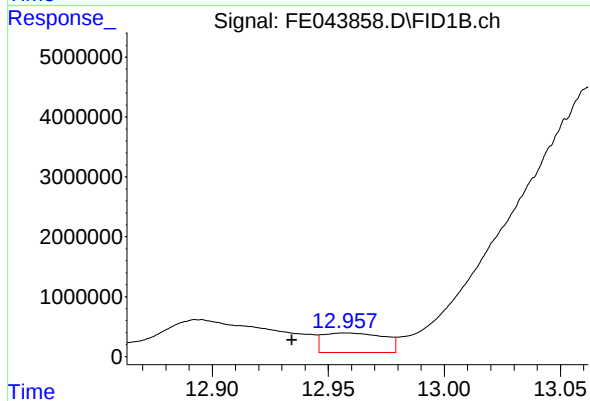
#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: -0.012 min
Response: 1887484
Conc: 10.42 ug/ml



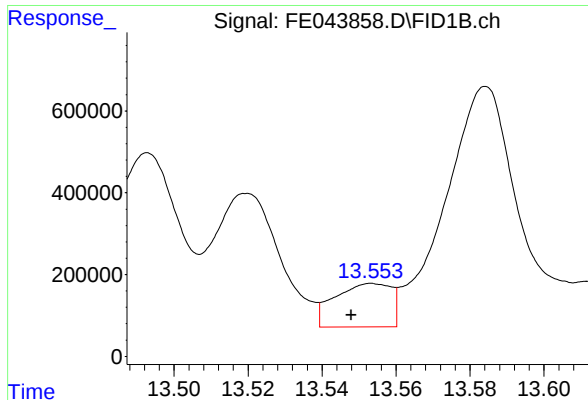
#9 ortho-Terphenyl (SURR)

R.T.: 11.964 min
Delta R.T.: 0.024 min
Response: 7744980
Conc: 37.58 ug/ml



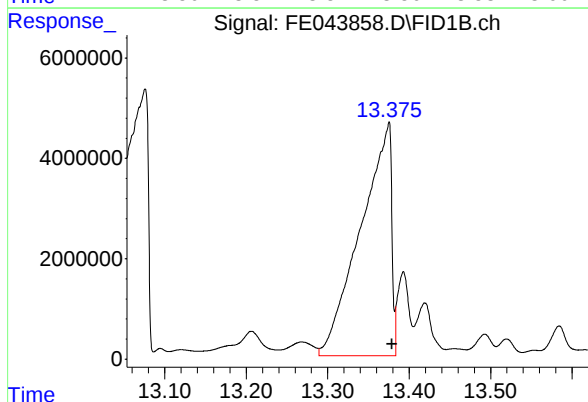
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: 0.023 min
Response: 5944554
Conc: 33.59 ug/ml



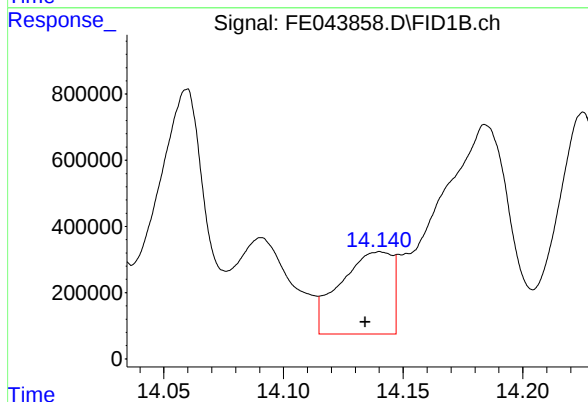
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.006 min
Response: 1120426
Conc: 6.33 ug/ml



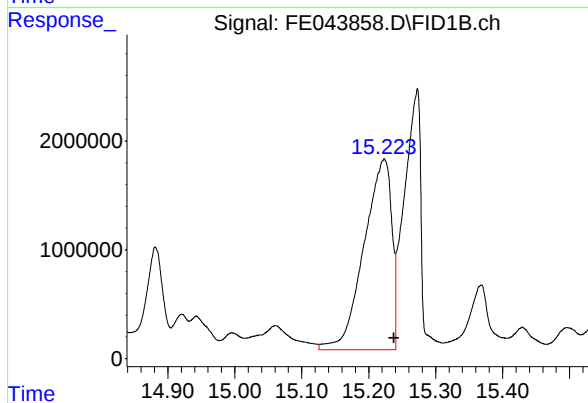
#12 1-chlorooctadecane (SURR)

R.T.: 13.375 min
Delta R.T.: -0.004 min
Response: 122105190
Conc: 782.49 ug/ml



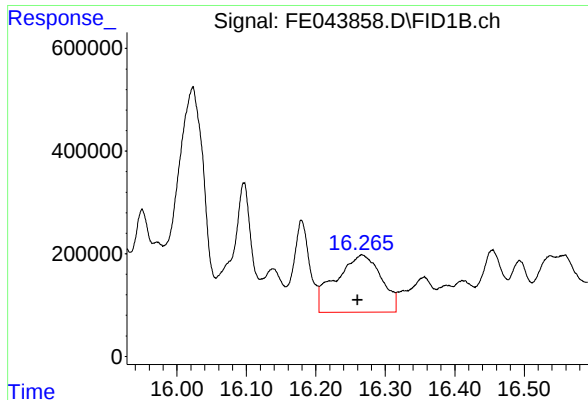
#13 n-Docosane (C22)

R.T.: 14.140 min
Delta R.T.: 0.006 min
Response: 3748631
Conc: 21.37 ug/ml



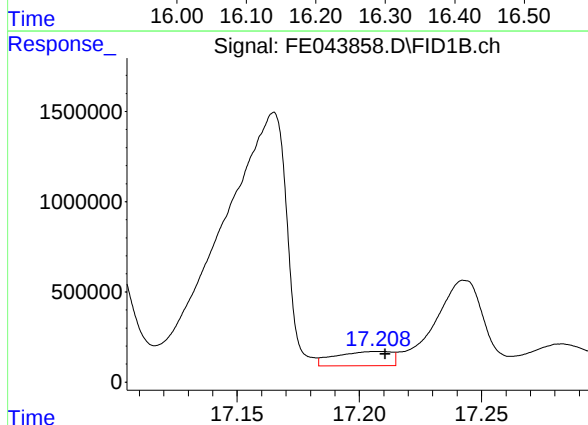
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.015 min
Response: 50436808
Conc: 287.06 ug/ml



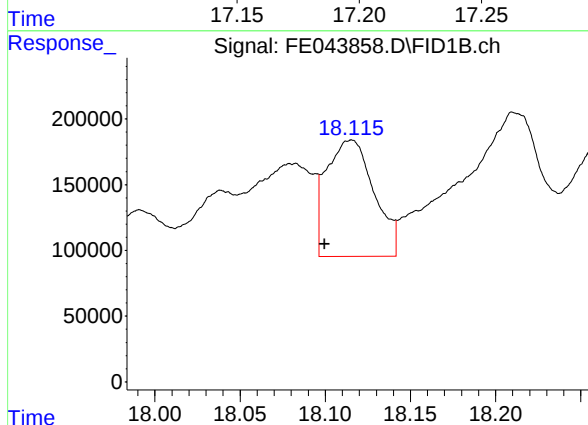
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.006 min
Response: 5059179
Conc: 29.27 ug/ml



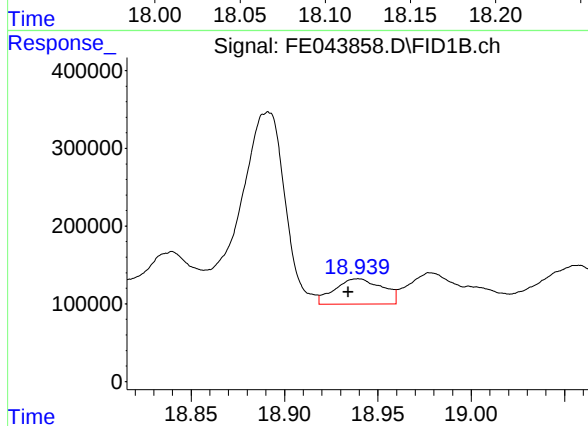
#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: -0.003 min
Response: 1261993
Conc: 7.54 ug/ml



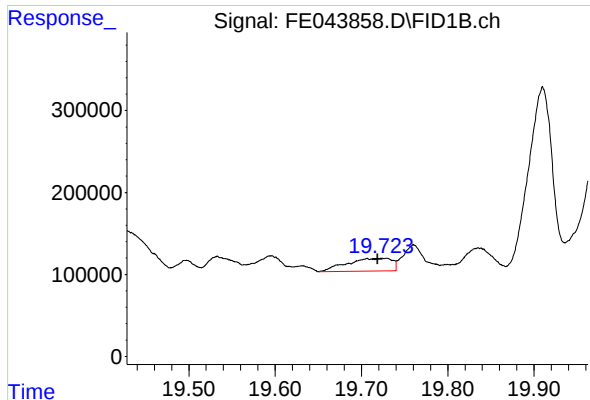
#17 n-Tricontane (C30)

R.T.: 18.115 min
Delta R.T.: 0.016 min
Response: 1716989
Conc: 10.37 ug/ml



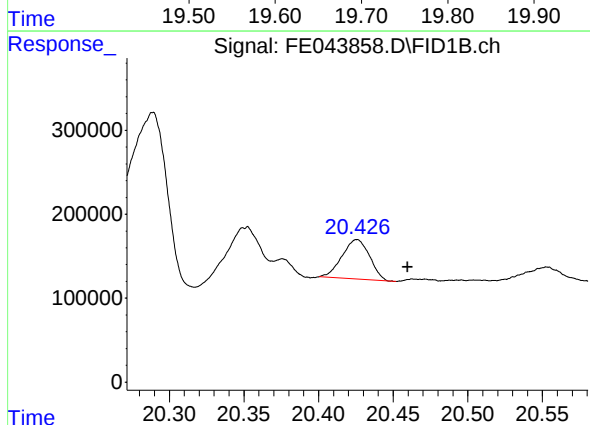
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: 0.005 min
Response: 577405
Conc: 3.66 ug/ml



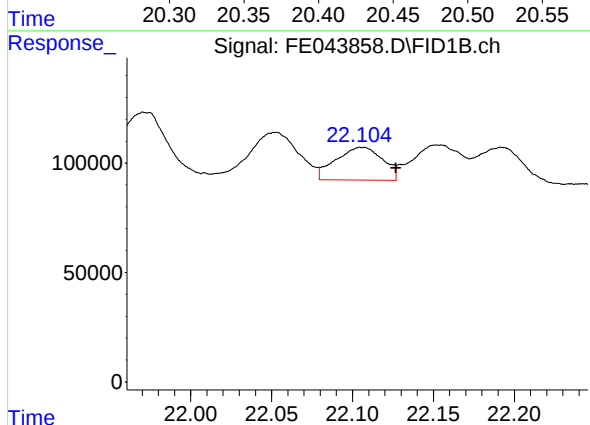
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.005 min
Response: 559395
Conc: 3.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.426 min
Delta R.T.: -0.034 min
Response: 603793
Conc: 4.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: -0.021 min
Response: 302313
Conc: 2.34 ug/ml