

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022723AL\
 Data File : FE040568.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2023 13:00
 Operator : YP\AJ
 Sample : 01627-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 01:45:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022523.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 25 05:09:21 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...	13.320	7918756	61.068 ug/ml
Spiked Amount 50.000		Recovery =	122.14%
Target Compounds			
1) T n-Nonane (C9)	3.280	435121	2.994 ug/ml
2) T n-Decane (C10)	4.526	532157	3.777 ug/ml
4) T n-Dodecane (C12)	6.688	652669	4.570 ug/ml
6) T n-Tetradecane (C14)	8.515	636170	4.398 ug/ml
7) T n-Hexadecane (C16)	10.121	704545	4.692 ug/ml
8) T n-Octadecane (C18)	11.562	840460	5.370 ug/ml
10) T n-Eicosane (C20)	12.872	895261	5.779 ug/ml
11) T n-Heneicosane (C21)	13.484	832534	5.319 ug/ml
13) T n-Docosane (C22)	14.069	926135	5.947 ug/ml
14) T n-Tetracosane (C24)	15.173	1036513	6.709 ug/ml
15) T n-Hexacosane (C26)	16.195	991913	6.584 ug/ml
16) T n-Octacosane (C28)	17.145	1065914	7.207 ug/ml
17) T n-Tricontane (C30)	18.033	1059025	7.386 ug/ml
18) T n-Dotriacontane (C32)	18.867	1150673	8.136 ug/ml
19) T n-Tetratriacontane (C34)	19.650	941324	6.766 ug/ml
20) T n-Hexatriacontane (C36)	20.392	836975	6.075 ug/mlm
21) T n-Octatriacontane (C38)	21.123	767845	5.729 ug/ml
22) T n-Tetracontane (C40)	22.015	752915	5.491 ug/mlm

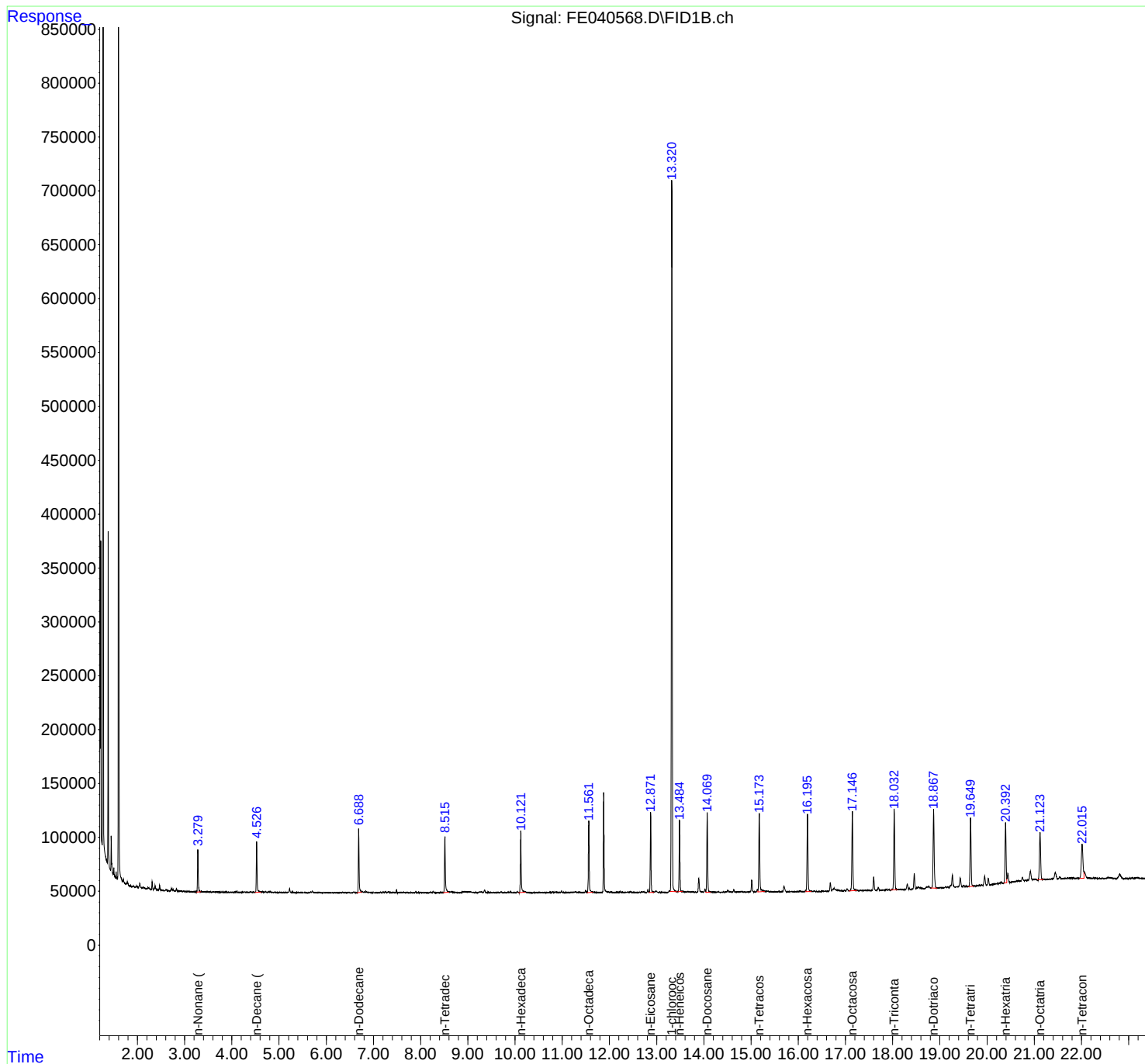
(f)=RT Delta > 1/2 Window

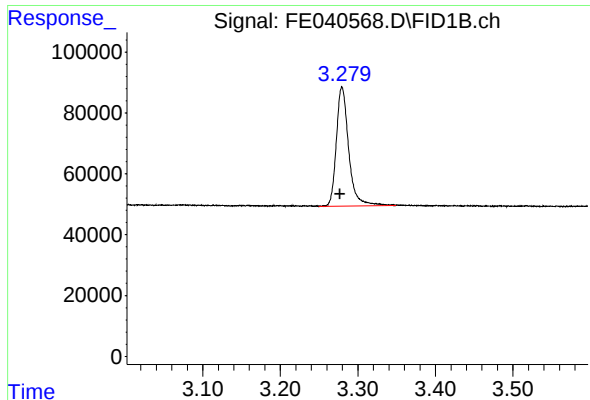
(m)=manual int.

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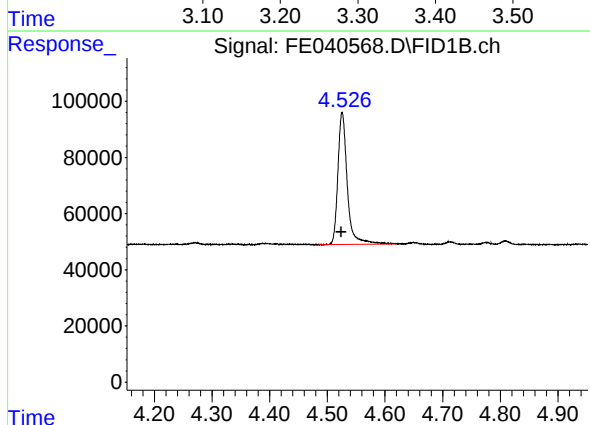
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





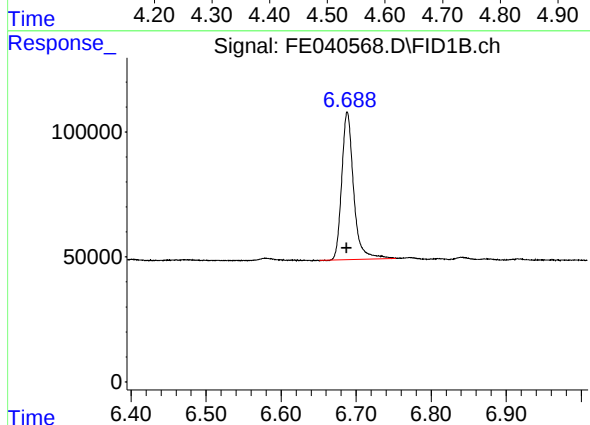
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.003 min
Response: 435121
Conc: 2.99 ug/ml



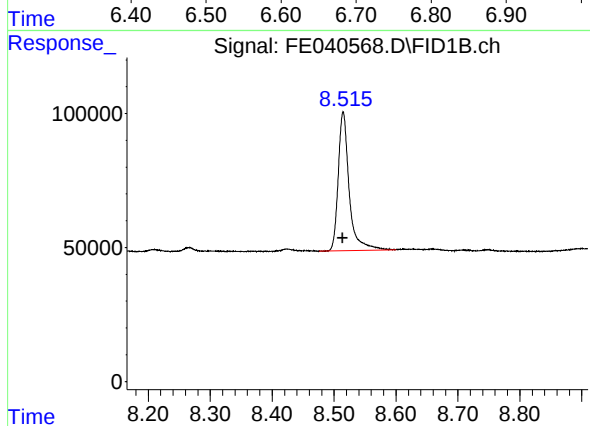
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 532157
Conc: 3.78 ug/ml



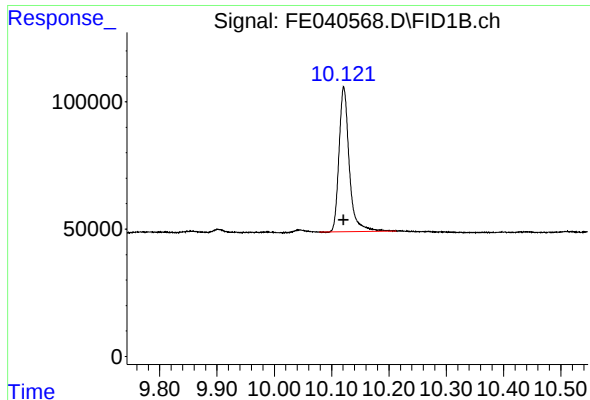
#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 652669
Conc: 4.57 ug/ml



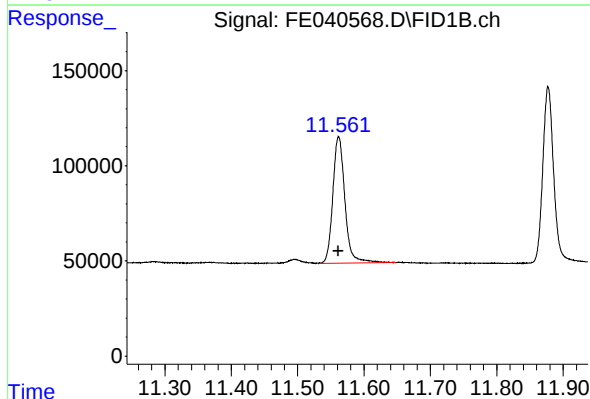
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 636170
Conc: 4.40 ug/ml



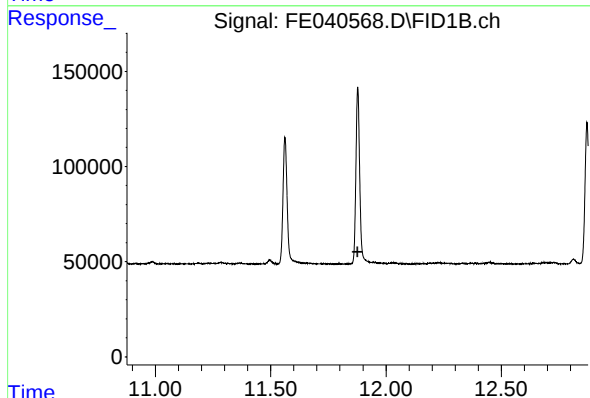
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: 0.000 min
Response: 704545
Conc: 4.69 ug/ml



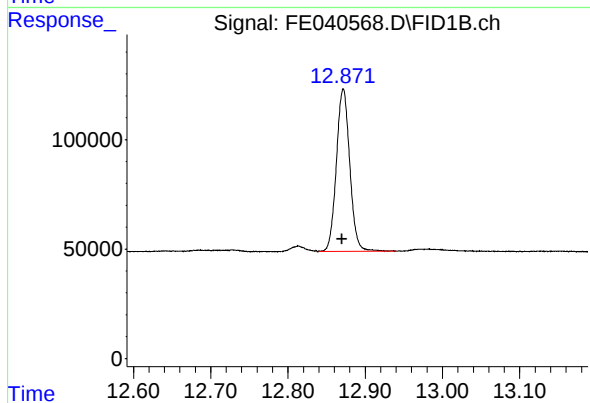
#8 n-Octadecane (C18)

R.T.: 11.562 min
Delta R.T.: 0.000 min
Response: 840460
Conc: 5.37 ug/ml



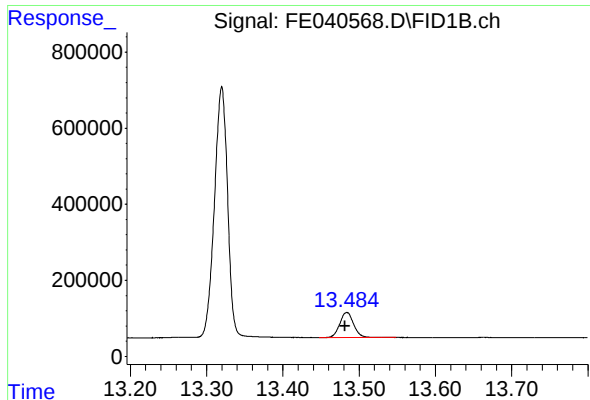
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.876 min
Response: 0
Conc: N.D.



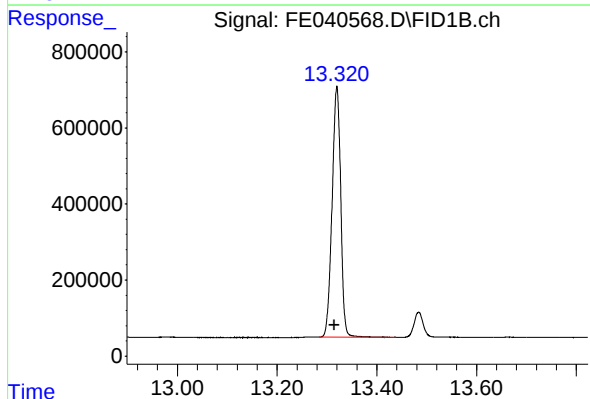
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: 0.002 min
Response: 895261
Conc: 5.78 ug/ml



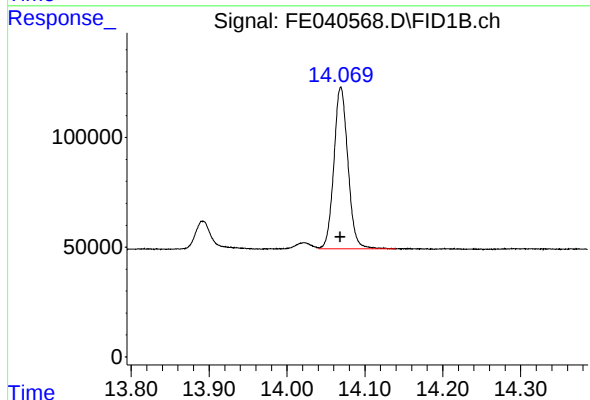
#11 n-Heneicosane (C21)

R.T.: 13.484 min
Delta R.T.: 0.003 min
Response: 832534
Conc: 5.32 ug/ml



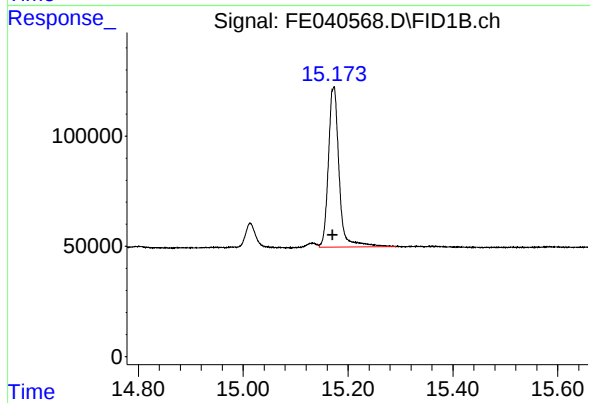
#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: 0.005 min
Response: 7918756
Conc: 61.07 ug/ml



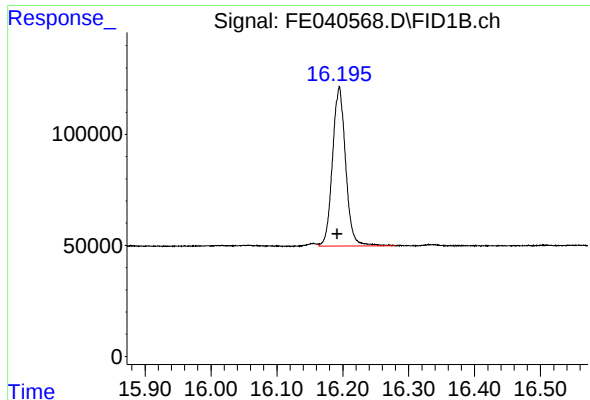
#13 n-Docosane (C22)

R.T.: 14.069 min
Delta R.T.: 0.000 min
Response: 926135
Conc: 5.95 ug/ml



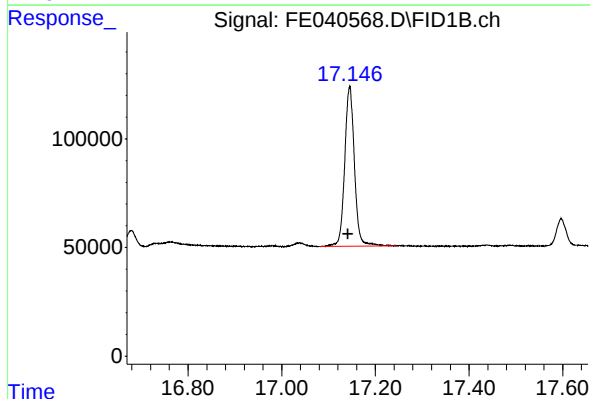
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: 0.002 min
Response: 1036513
Conc: 6.71 ug/ml



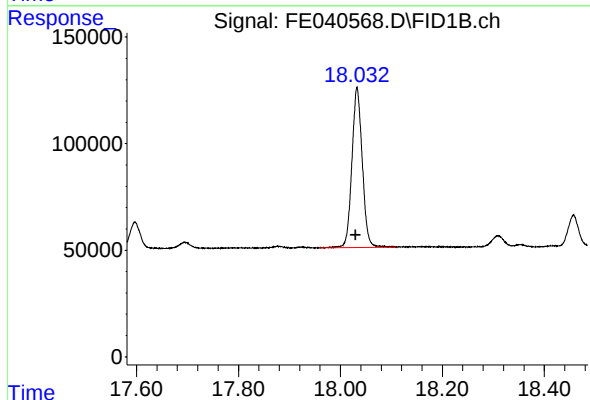
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: 0.003 min
Response: 991913
Conc: 6.58 ug/ml



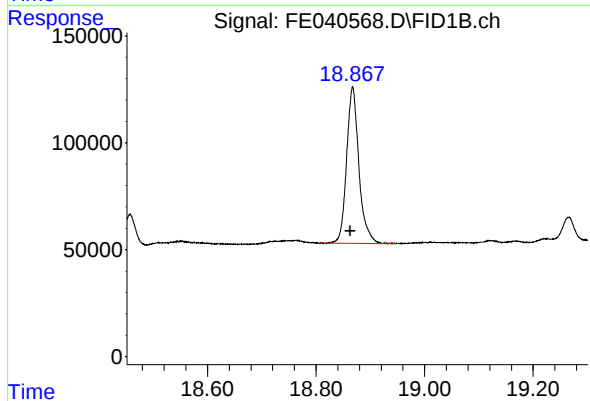
#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.004 min
Response: 1065914
Conc: 7.21 ug/ml



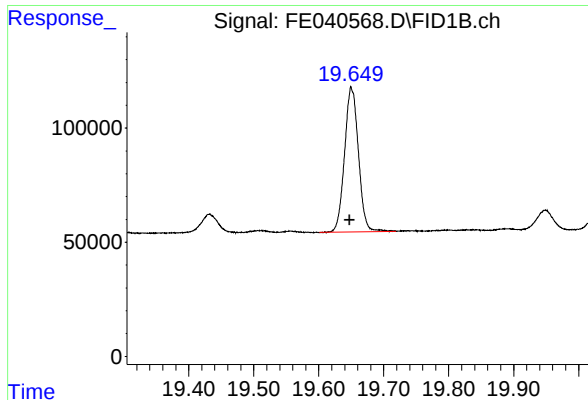
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: 0.003 min
Response: 1059025
Conc: 7.39 ug/ml



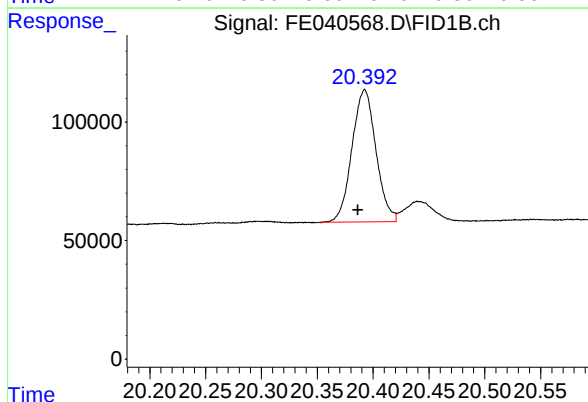
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: 0.004 min
Response: 1150673
Conc: 8.14 ug/ml



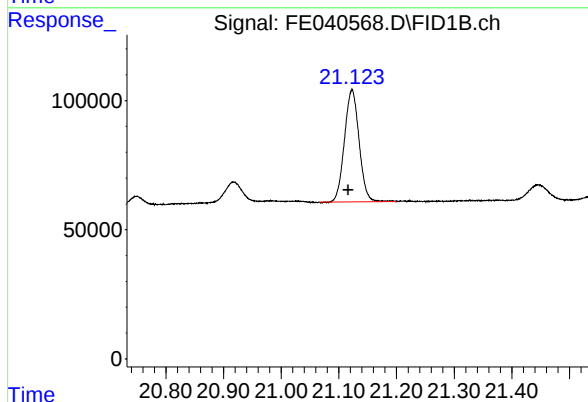
#19 n-Tetratriacontane (C34)

R.T.: 19.650 min
Delta R.T.: 0.003 min
Response: 941324
Conc: 6.77 ug/ml



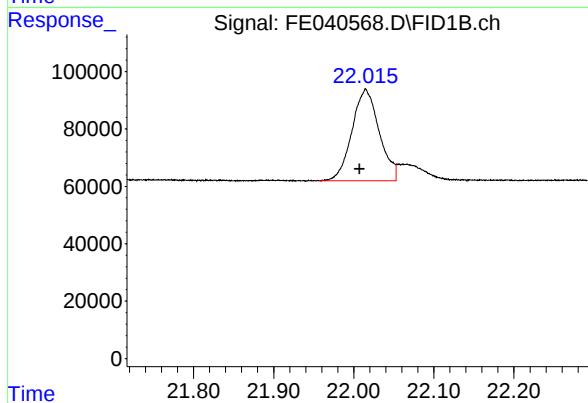
#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.006 min
Response: 836975
Conc: 6.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: 0.007 min
Response: 767845
Conc: 5.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.015 min
Delta R.T.: 0.007 min
Response: 752915
Conc: 5.49 ug/ml m