

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022123AL\
 Data File : FE040468.D
 Signal(s) : FID1B.ch
 Acq On : 21 Feb 2023 12:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 04:41:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.887	3432471	21.206 ug/ml
Spiked Amount 50.000		Recovery =	42.41%
12) S 1-chlorooctadecane (S...	13.326	2594241	20.917 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
Target Compounds			
1) T n-Nonane (C9)	3.279	2975231	21.860 ug/ml
2) T n-Decane (C10)	4.528	2900483	21.830 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3177928	21.714 ug/ml
4) T n-Dodecane (C12)	6.693	2936484	21.810 ug/ml
5) T A~2-methylnaphthalene...	7.326	2921270	21.582 ug/ml
6) T n-Tetradecane (C14)	8.520	2965758	21.520 ug/ml
7) T n-Hexadecane (C16)	10.127	3060168	21.322 ug/ml
8) T n-Octadecane (C18)	11.571	3142573	21.126 ug/ml
10) T n-Eicosane (C20)	12.881	3074352	20.911 ug/ml
11) T n-Heneicosane (C21)	13.493	3088248	20.938 ug/ml
13) T n-Docosane (C22)	14.079	3037095	20.497 ug/ml
14) T n-Tetracosane (C24)	15.184	3003854	19.788 ug/ml
15) T n-Hexacosane (C26)	16.206	2898338	19.551 ug/ml
16) T n-Octacosane (C28)	17.156	2826043	18.857 ug/ml
17) T n-Tricontane (C30)	18.046	2744562	18.601 ug/ml
18) T n-Dotriacontane (C32)	18.879	2728262	18.628 ug/ml
19) T n-Tetratriacontane (C34)	19.664	2663058	19.361 ug/ml
20) T n-Hexatriacontane (C36)	20.405	2537319	19.129 ug/ml
21) T n-Octatriacontane (C38)	21.137	2530918	19.509 ug/ml
22) T n-Tetracontane (C40)	22.032	2700989	20.343 ug/ml

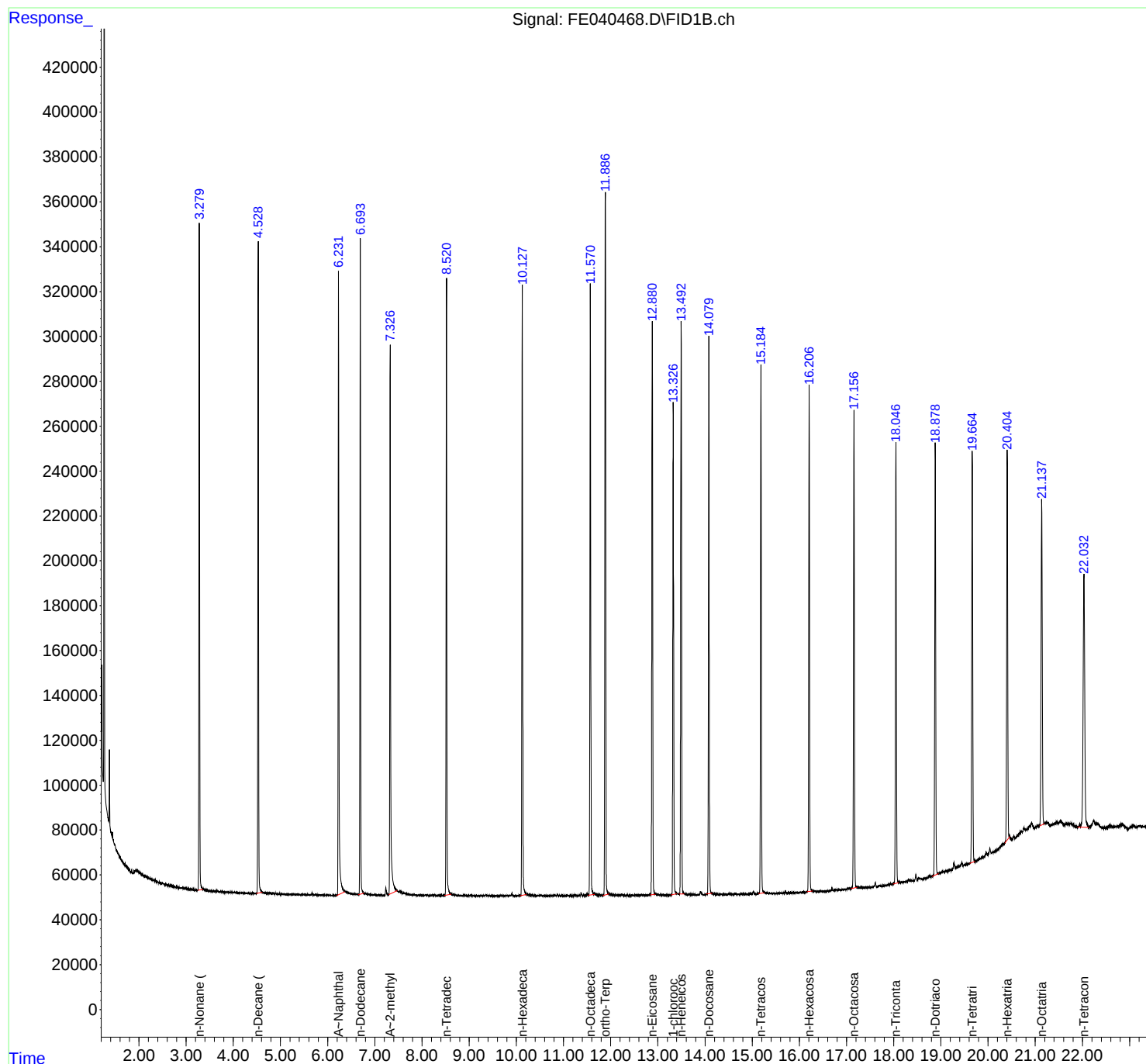
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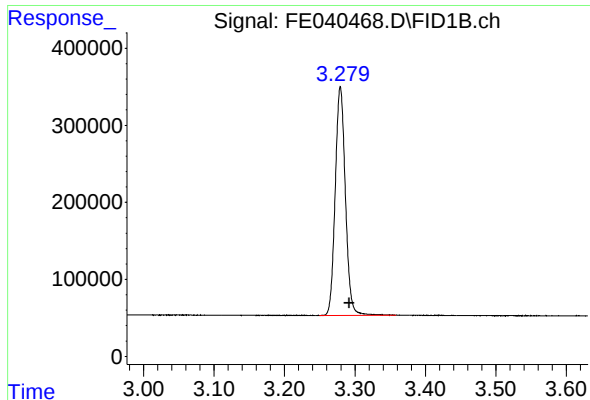
(m)=manual int.

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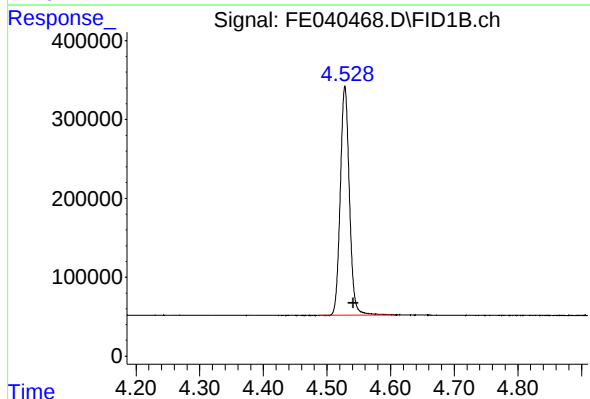
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Signal Info : 20M x 0.18mm x 0.18um





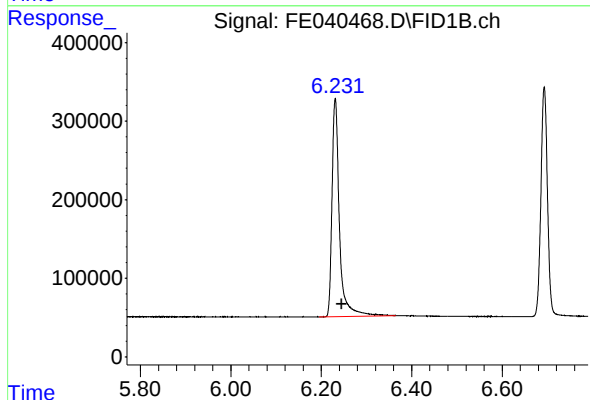
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: -0.013 min
Response: 2975231
Conc: 21.86 ug/ml



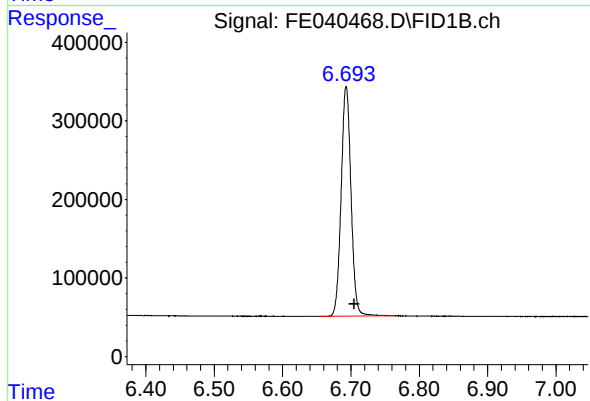
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: -0.013 min
Response: 2900483
Conc: 21.83 ug/ml



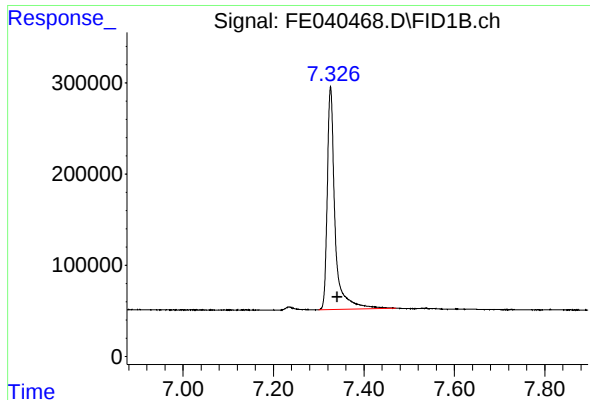
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.015 min
Response: 3177928
Conc: 21.71 ug/ml



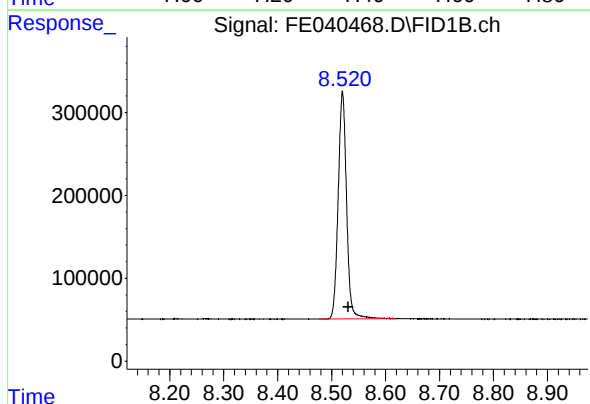
#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: -0.012 min
Response: 2936484
Conc: 21.81 ug/ml



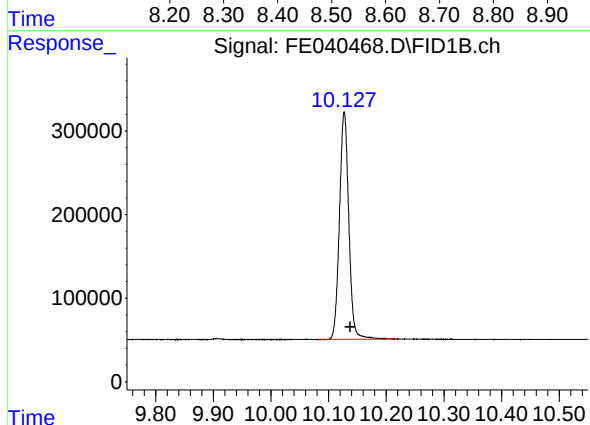
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.326 min
Delta R.T.: -0.015 min
Response: 2921270
Conc: 21.58 ug/ml



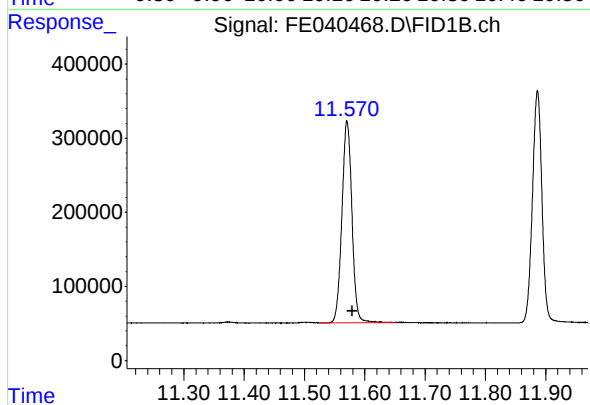
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.010 min
Response: 2965758
Conc: 21.52 ug/ml



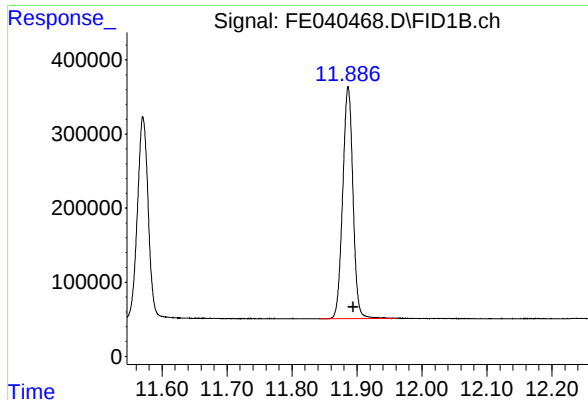
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: -0.011 min
Response: 3060168
Conc: 21.32 ug/ml



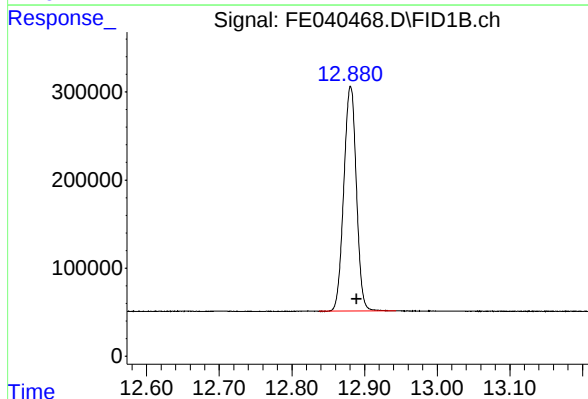
#8 n-Octadecane (C18)

R.T.: 11.571 min
Delta R.T.: -0.009 min
Response: 3142573
Conc: 21.13 ug/ml



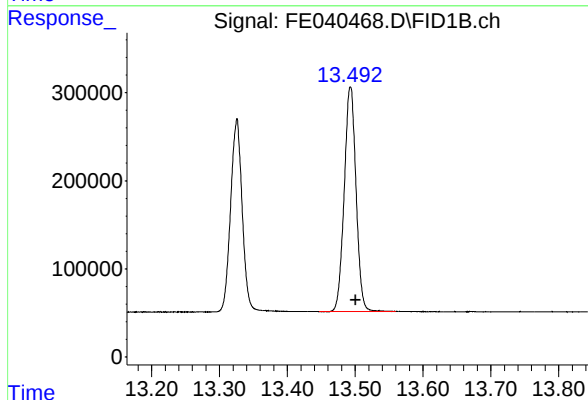
#9 ortho-Terphenyl (SURR)

R.T.: 11.887 min
Delta R.T.: -0.008 min
Response: 3432471
Conc: 21.21 ug/ml



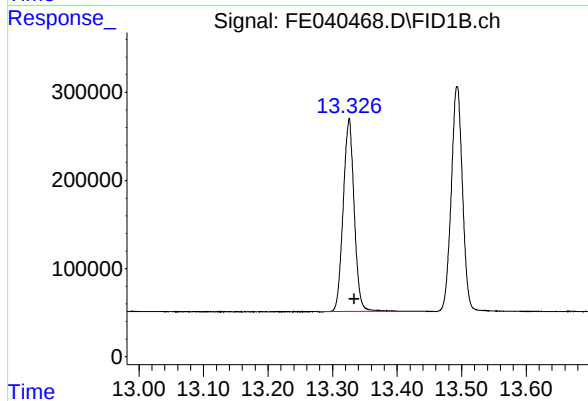
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: -0.008 min
Response: 3074352
Conc: 20.91 ug/ml



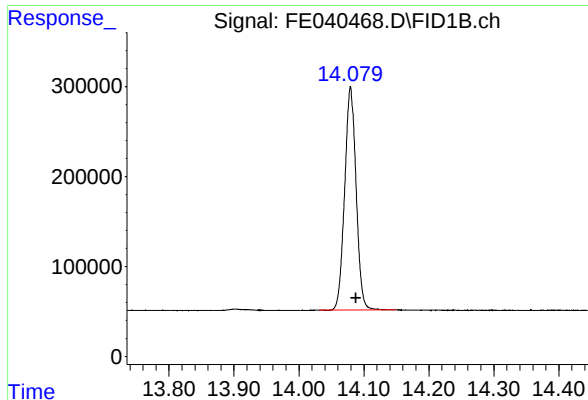
#11 n-Heneicosane (C21)

R.T.: 13.493 min
Delta R.T.: -0.008 min
Response: 3088248
Conc: 20.94 ug/ml



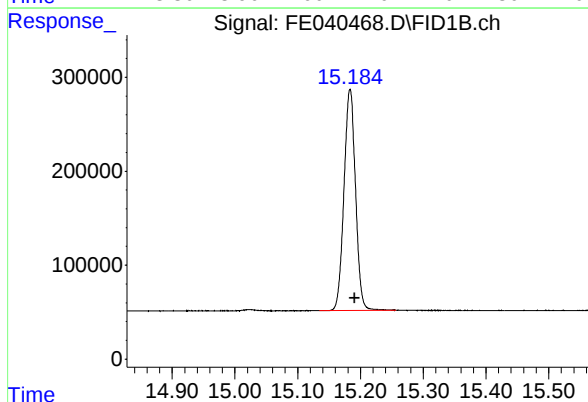
#12 1-chlorooctadecane (SURR)

R.T.: 13.326 min
Delta R.T.: -0.008 min
Response: 2594241
Conc: 20.92 ug/ml



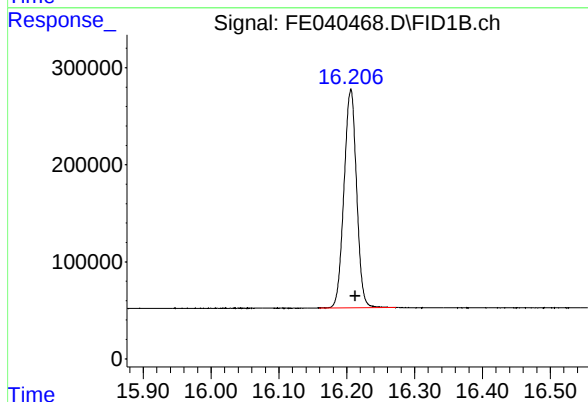
#13 n-Docosane (C22)

R.T.: 14.079 min
Delta R.T.: -0.008 min
Response: 3037095
Conc: 20.50 ug/ml



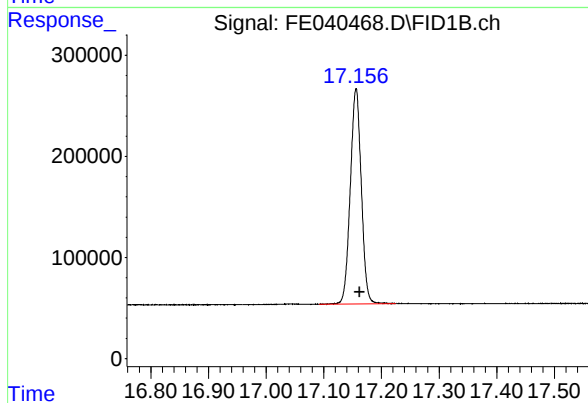
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.007 min
Response: 3003854
Conc: 19.79 ug/ml



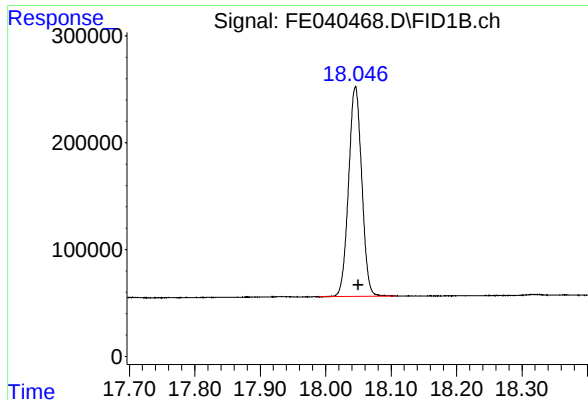
#15 n-Hexacosane (C26)

R.T.: 16.206 min
Delta R.T.: -0.007 min
Response: 2898338
Conc: 19.55 ug/ml



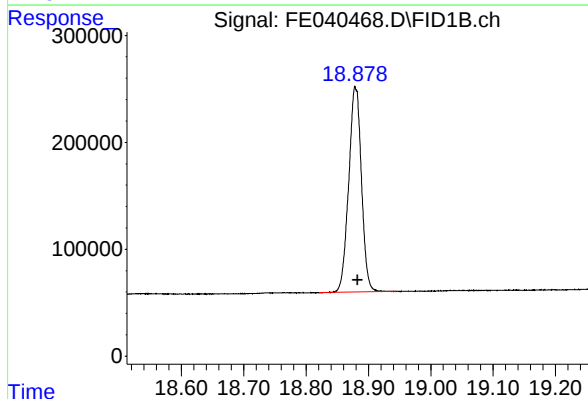
#16 n-Octacosane (C28)

R.T.: 17.156 min
Delta R.T.: -0.006 min
Response: 2826043
Conc: 18.86 ug/ml



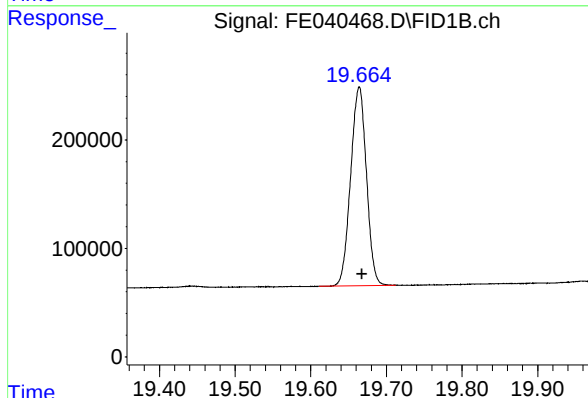
#17 n-Tricontane (C30)

R.T.: 18.046 min
Delta R.T.: -0.005 min
Response: 2744562
Conc: 18.60 ug/ml



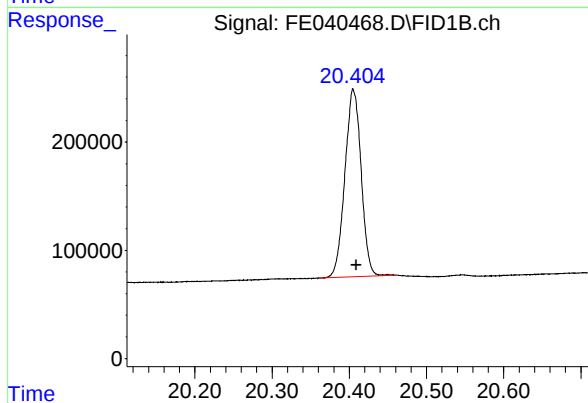
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: -0.004 min
Response: 2728262
Conc: 18.63 ug/ml



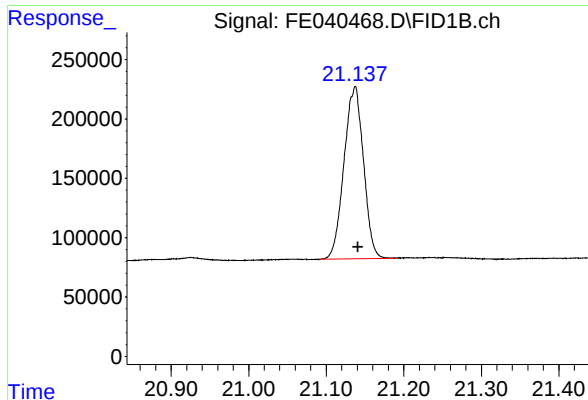
#19 n-Tetratriacontane (C34)

R.T.: 19.664 min
Delta R.T.: -0.003 min
Response: 2663058
Conc: 19.36 ug/ml



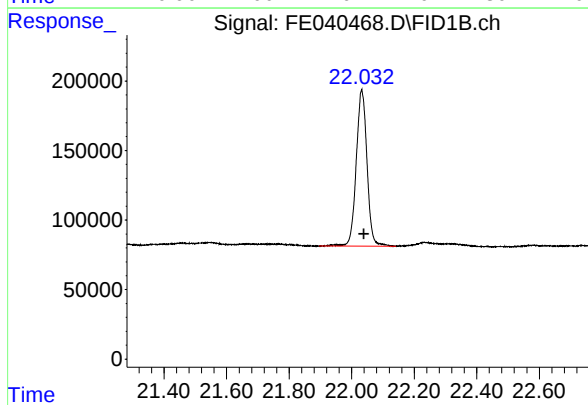
#20 n-Hexatriacontane (C36)

R.T.: 20.405 min
Delta R.T.: -0.004 min
Response: 2537319
Conc: 19.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.137 min
Delta R.T.: -0.003 min
Response: 2530918
Conc: 19.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.032 min
Delta R.T.: -0.007 min
Response: 2700989
Conc: 20.34 ug/ml