

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021523AL\
 Data File : FE040357.D
 Signal(s) : FID1B.ch
 Acq On : 15 Feb 2023 10:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 01:34:37 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)	11.893	3753715	23.191 ug/ml
Spiked Amount 50.000		Recovery =	46.38%
12) S 1-chlorooctadecane (S...	13.331	2842035	22.915 ug/ml
Spiked Amount 50.000		Recovery =	45.83%
Target Compounds			
1) T n-Nonane (C9)	3.284	3164100	23.248 ug/ml
2) T n-Decane (C10)	4.535	3092846	23.277 ug/ml
3) T A~Naphthalene (C11.7)	6.237	3447697	23.558 ug/ml
4) T n-Dodecane (C12)	6.699	3143786	23.350 ug/ml
5) T A~2-methylnaphthalene...	7.333	3227919	23.848 ug/ml
6) T n-Tetradecane (C14)	8.526	3190459	23.150 ug/ml
7) T n-Hexadecane (C16)	10.134	3313042	23.084 ug/ml
8) T n-Octadecane (C18)	11.577	3414559	22.954 ug/ml
10) T n-Eicosane (C20)	12.886	3360756	22.859 ug/ml
11) T n-Heneicosane (C21)	13.498	3380003	22.916 ug/ml
13) T n-Docosane (C22)	14.084	3346671	22.587 ug/ml
14) T n-Tetracosane (C24)	15.189	3323437	21.893 ug/ml
15) T n-Hexacosane (C26)	16.211	3224877	21.753 ug/ml
16) T n-Octacosane (C28)	17.162	3140533	20.956 ug/ml
17) T n-Tricontane (C30)	18.050	3034252	20.564 ug/ml
18) T n-Dotriacontane (C32)	18.884	2988428	20.405 ug/ml
19) T n-Tetratriacontane (C34)	19.667	2918725	21.220 ug/ml
20) T n-Hexatriacontane (C36)	20.408	2775524	20.925 ug/ml
21) T n-Octatriacontane (C38)	21.140	2762961	21.298 ug/ml
22) T n-Tetracontane (C40)	22.037	2777585	20.920 ug/ml

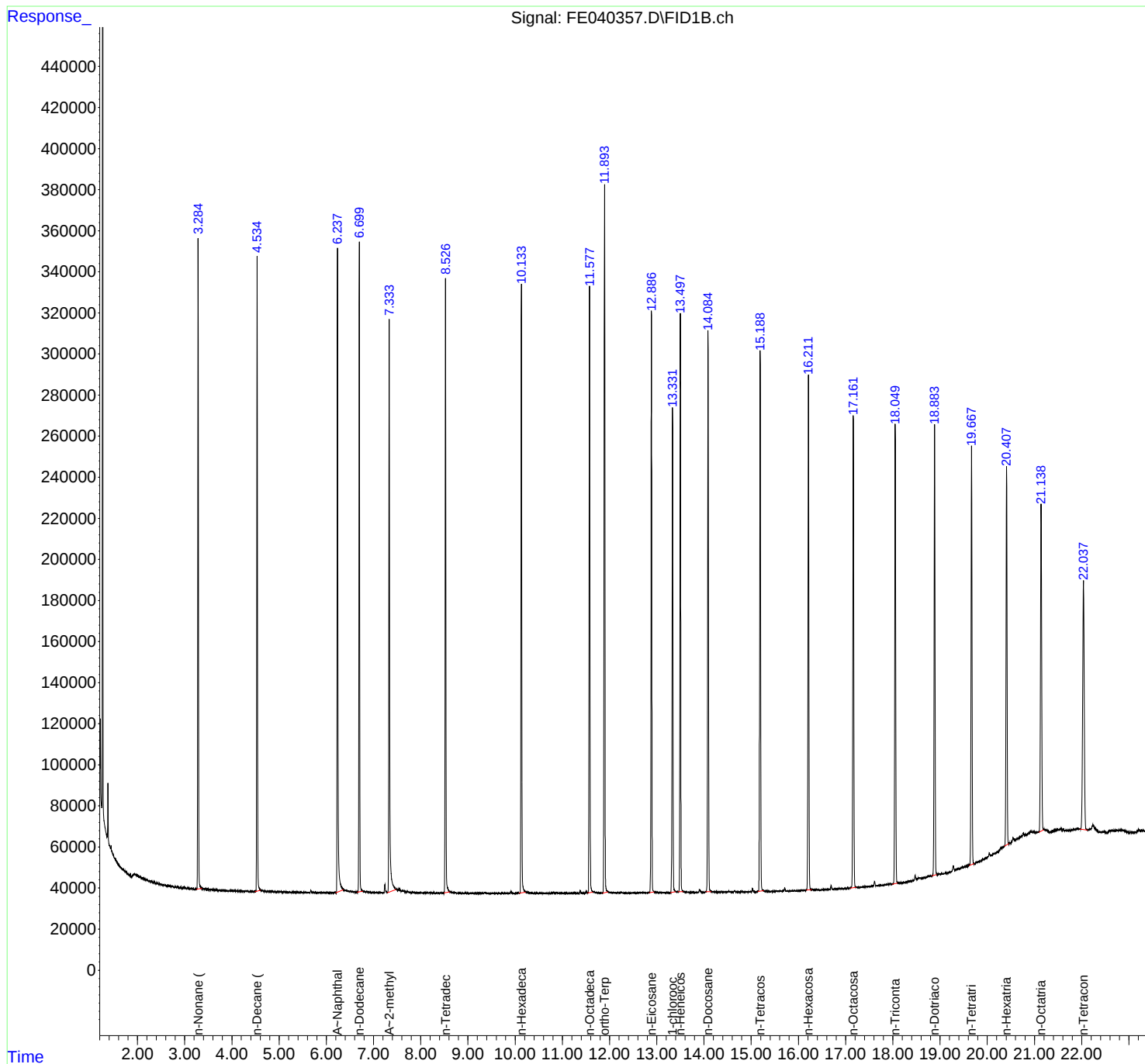
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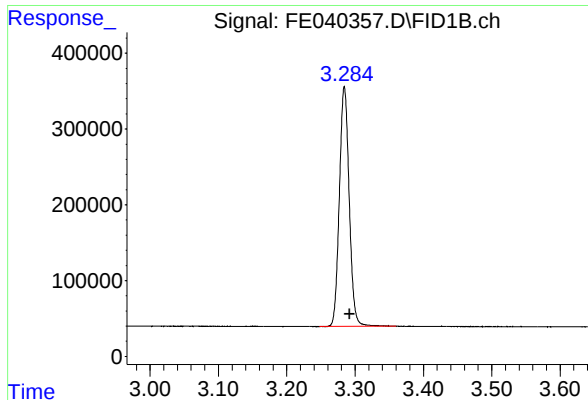
(m)=manual int.

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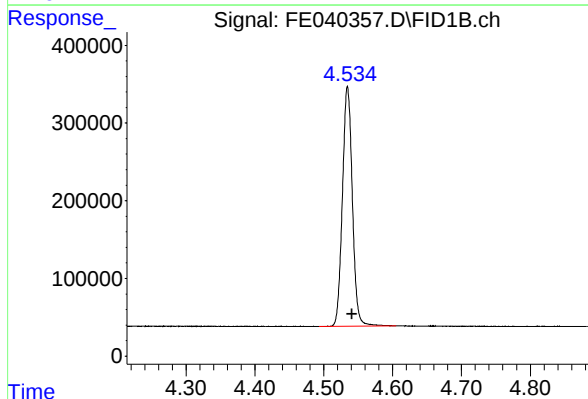
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Signal Info : 20M x 0.18mm x 0.18um





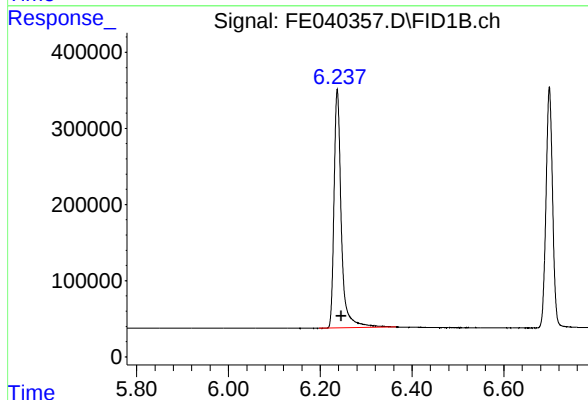
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.008 min
Response: 3164100
Conc: 23.25 ug/ml



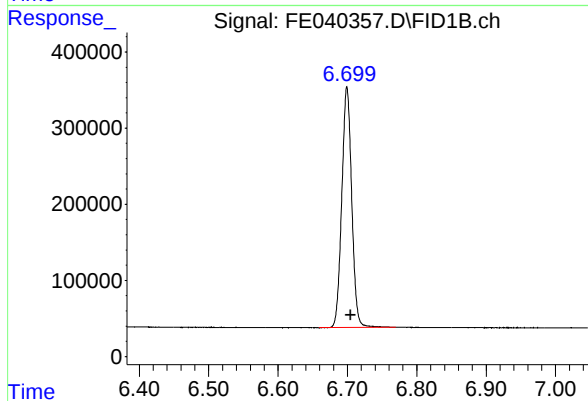
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.007 min
Response: 3092846
Conc: 23.28 ug/ml



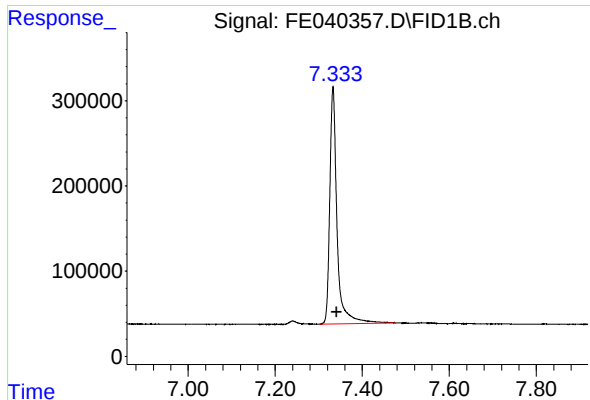
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.009 min
Response: 3447697
Conc: 23.56 ug/ml



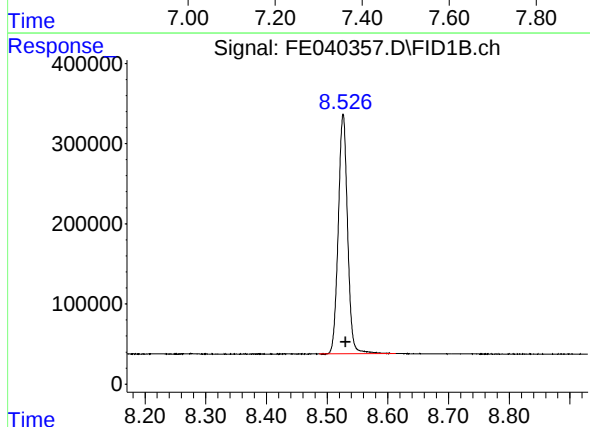
#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.005 min
Response: 3143786
Conc: 23.35 ug/ml



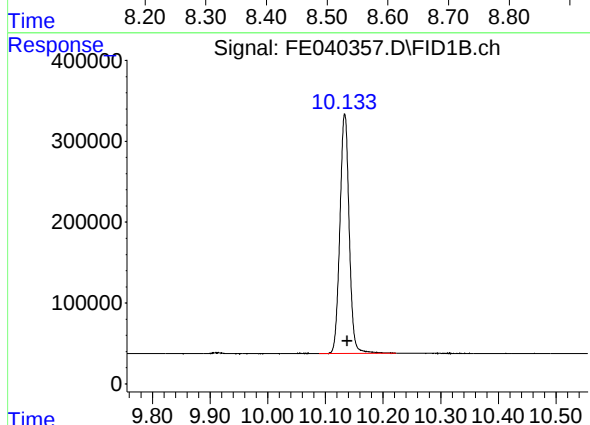
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.333 min
Delta R.T.: -0.008 min
Response: 3227919
Conc: 23.85 ug/ml



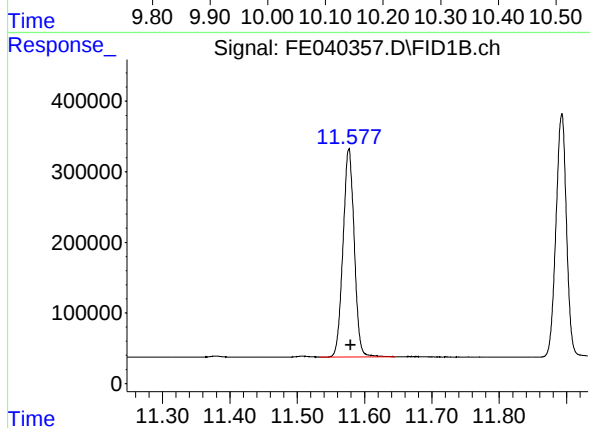
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.004 min
Response: 3190459
Conc: 23.15 ug/ml



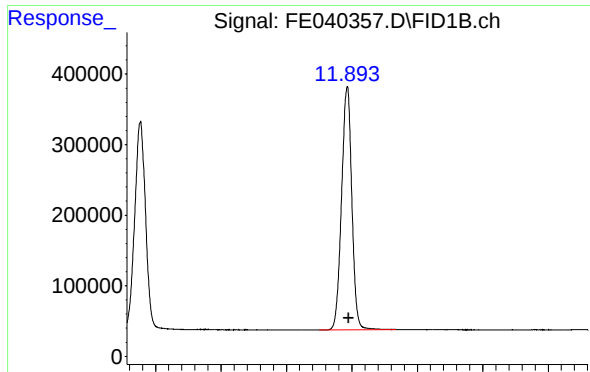
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.004 min
Response: 3313042
Conc: 23.08 ug/ml



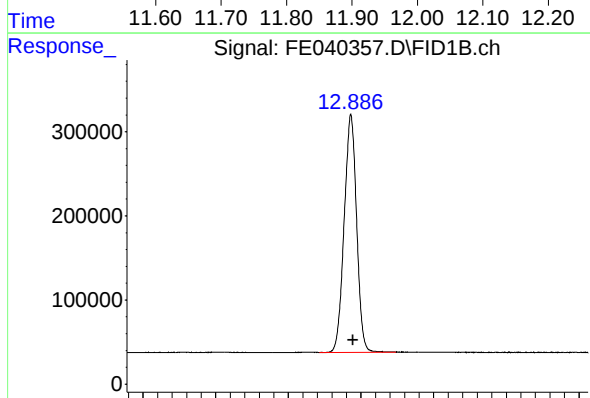
#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.003 min
Response: 3414559
Conc: 22.95 ug/ml



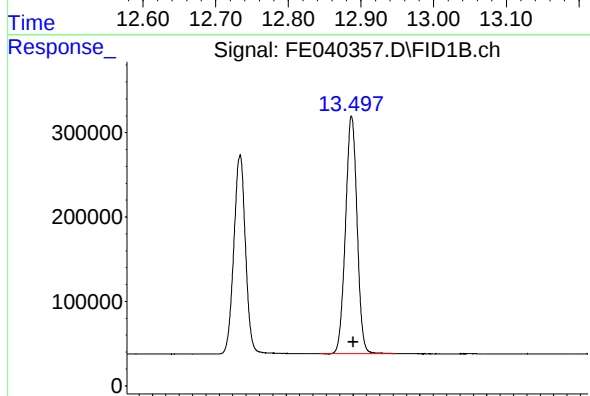
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 3753715
Conc: 23.19 ug/ml



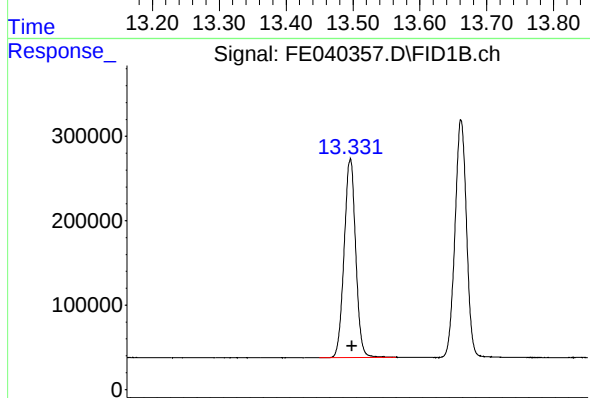
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.003 min
Response: 3360756
Conc: 22.86 ug/ml



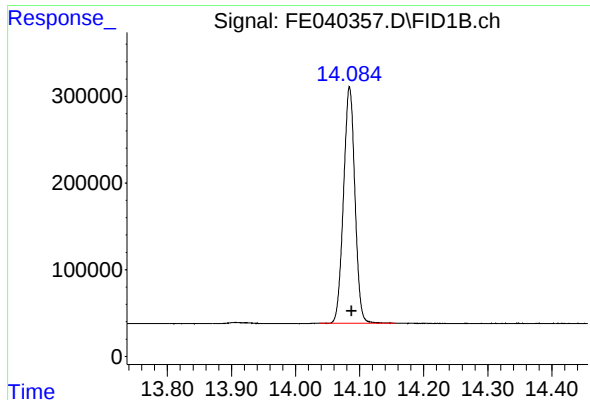
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.003 min
Response: 3380003
Conc: 22.92 ug/ml



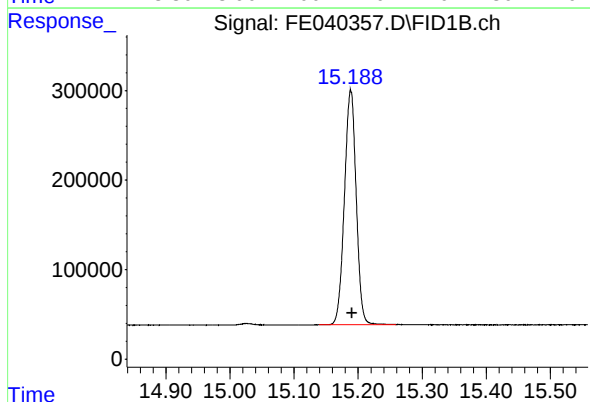
#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min
Delta R.T.: -0.002 min
Response: 2842035
Conc: 22.92 ug/ml



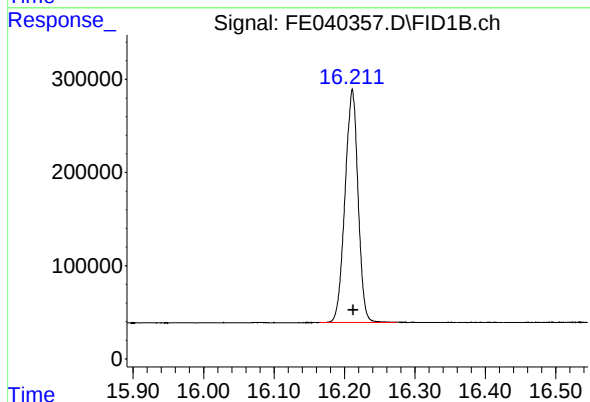
#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: -0.003 min
Response: 3346671
Conc: 22.59 ug/ml



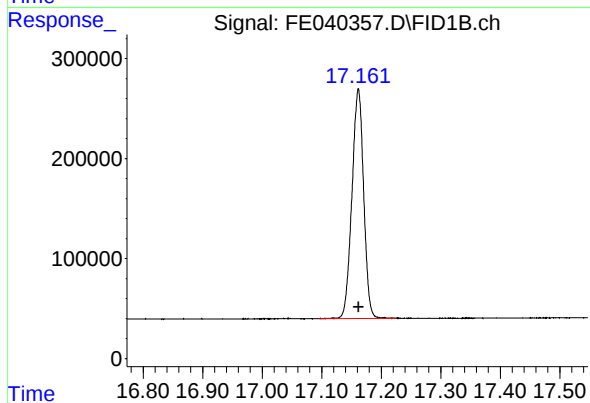
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.002 min
Response: 3323437
Conc: 21.89 ug/ml



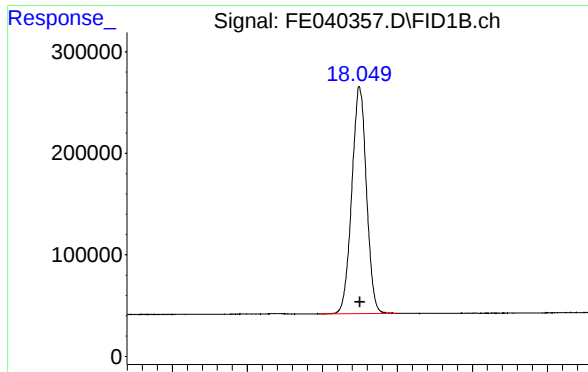
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: -0.001 min
Response: 3224877
Conc: 21.75 ug/ml



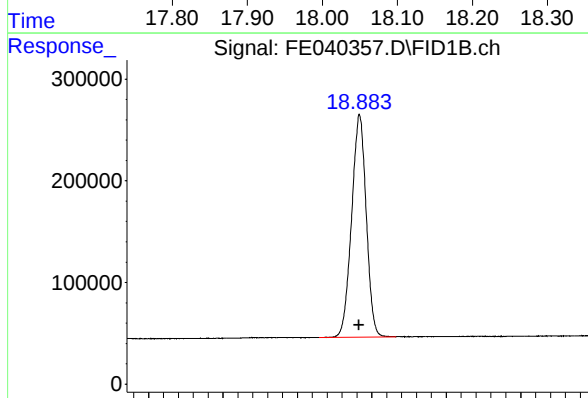
#16 n-Octacosane (C28)

R.T.: 17.162 min
Delta R.T.: 0.000 min
Response: 3140533
Conc: 20.96 ug/ml



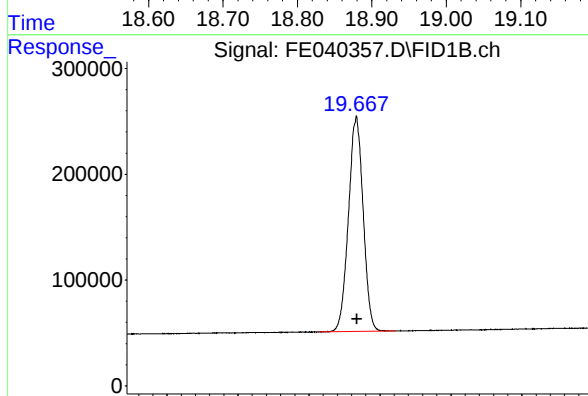
#17 n-Tricontane (C30)

R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 3034252
Conc: 20.56 ug/ml



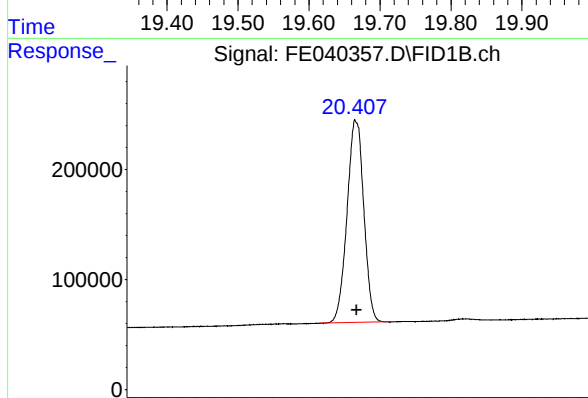
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: 0.000 min
Response: 2988428
Conc: 20.40 ug/ml



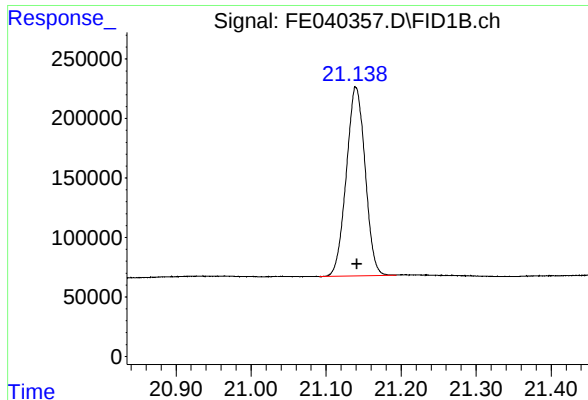
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: 0.000 min
Response: 2918725
Conc: 21.22 ug/ml



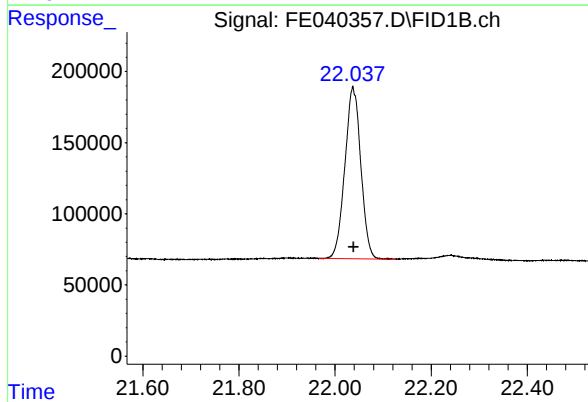
#20 n-Hexatriacontane (C36)

R.T.: 20.408 min
Delta R.T.: -0.001 min
Response: 2775524
Conc: 20.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: -0.001 min
Response: 2762961
Conc: 21.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: -0.002 min
Response: 2777585
Conc: 20.92 ug/ml