

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092723AL\
 Data File : FE044472.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2023 12:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 27 12:59:00 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			
9) S ortho-Terphenyl (SURR)	11.919	3926260	20.913 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
12) S 1-chlorooctadecane (S...	13.358	2852981	20.971 ug/ml
Spiked Amount 50.000		Recovery =	41.94%
Target Compounds			
1) T n-Nonane (C9)	3.310	3359484	20.693 ug/ml
2) T n-Decane (C10)	4.561	3437331	20.758 ug/ml
3) T A~Naphthalene (C11.7)	6.261	3733503	20.882 ug/ml
4) T n-Dodecane (C12)	6.724	3462057	20.814 ug/ml
5) T A~2-methylnaphthalene...	7.356	3589034	20.978 ug/ml
6) T n-Tetradecane (C14)	8.550	3420411	20.835 ug/ml
7) T n-Hexadecane (C16)	10.159	3535042	20.867 ug/ml
8) T n-Octadecane (C18)	11.604	3552645	20.924 ug/ml
10) T n-Eicosane (C20)	12.914	3358869	20.877 ug/ml
11) T n-Heneicosane (C21)	13.526	3260558	20.823 ug/ml
13) T n-Docosane (C22)	14.113	3204713	20.779 ug/ml
14) T n-Tetracosane (C24)	15.216	3135552	20.742 ug/ml
15) T n-Hexacosane (C26)	16.238	3058801	20.795 ug/ml
16) T n-Octacosane (C28)	17.189	3007487	20.969 ug/ml
17) T n-Tricontane (C30)	18.077	3178671	21.444 ug/ml
18) T n-Dotriacontane (C32)	18.911	3222657	21.769 ug/ml
19) T n-Tetratriacontane (C34)	19.696	3154853	21.587 ug/ml
20) T n-Hexatriacontane (C36)	20.437	3102892	21.391 ug/ml
21) T n-Octatriacontane (C38)	21.178	3167078	21.144 ug/ml
22) T n-Tetracontane (C40)	22.096	3239887	20.530 ug/ml

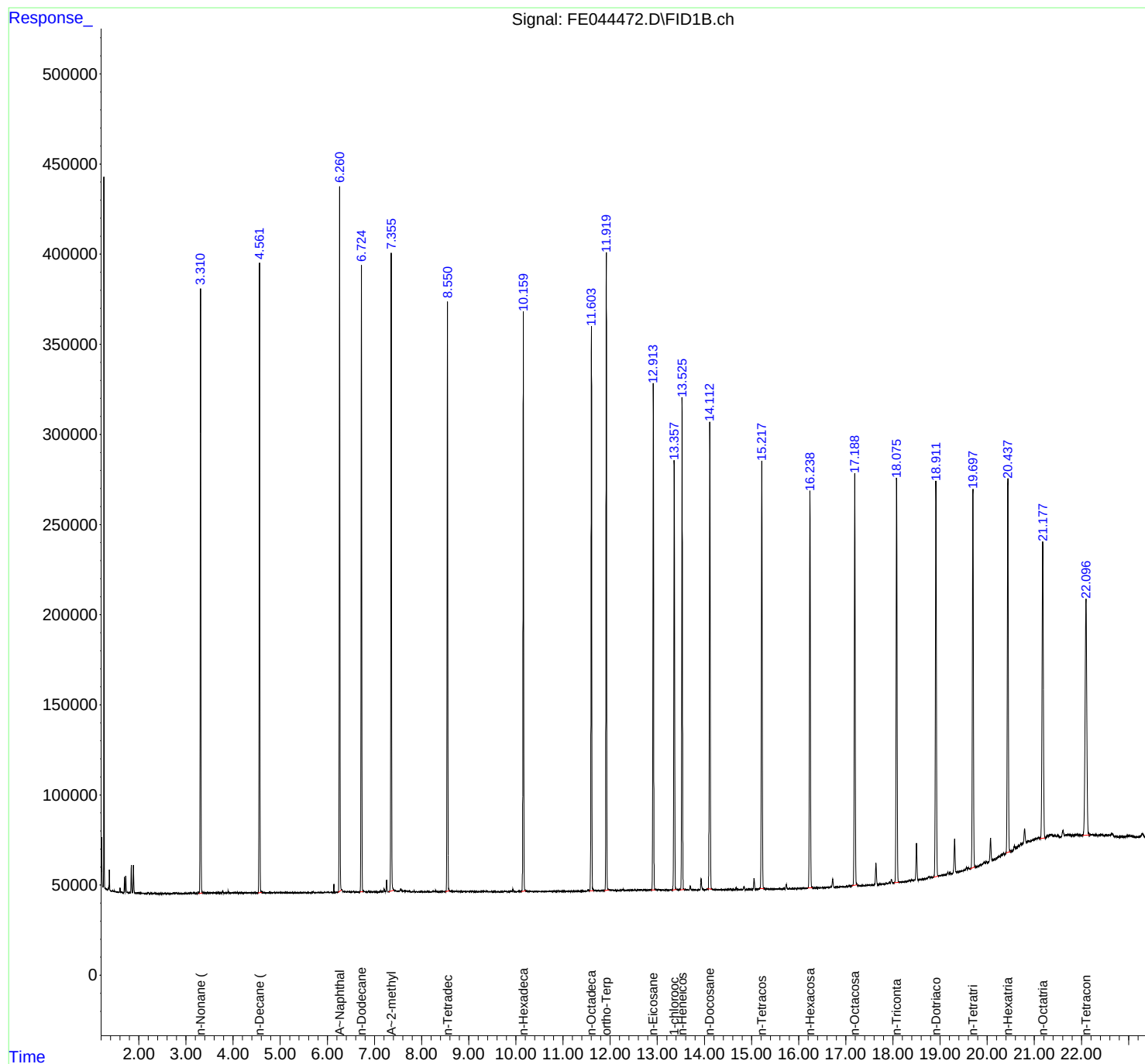
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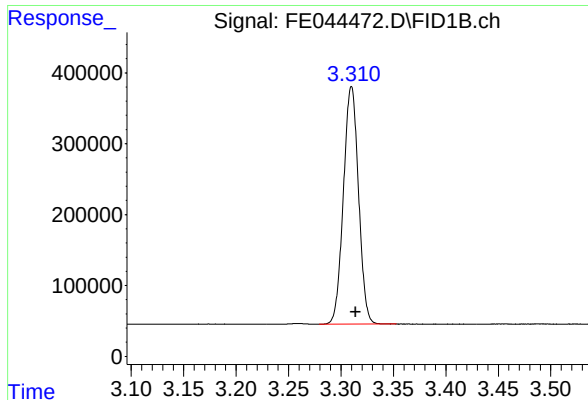
(m)=manual int.

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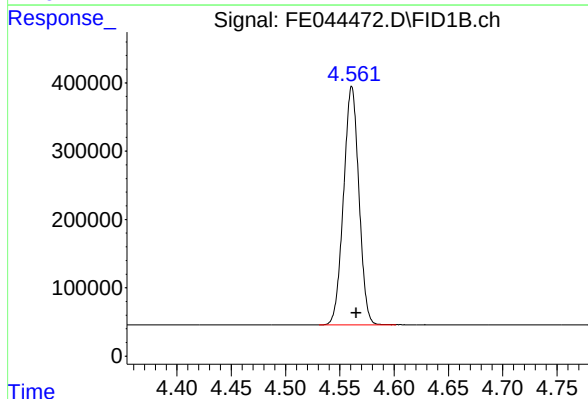
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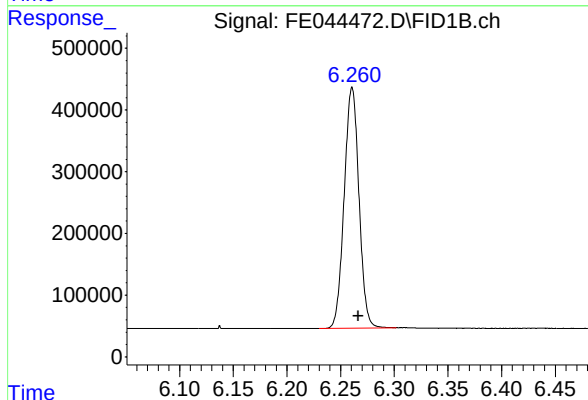
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.004 min
Response: 3359484
Conc: 20.69 ug/ml



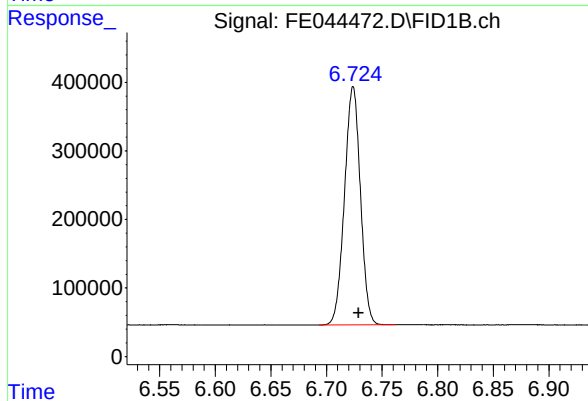
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.004 min
Response: 3437331
Conc: 20.76 ug/ml



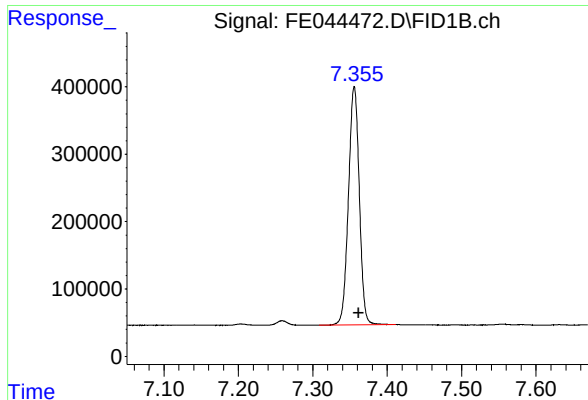
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.006 min
Response: 3733503
Conc: 20.88 ug/ml



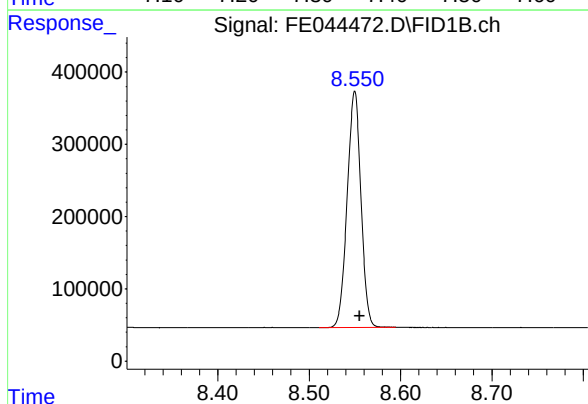
#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 3462057
Conc: 20.81 ug/ml



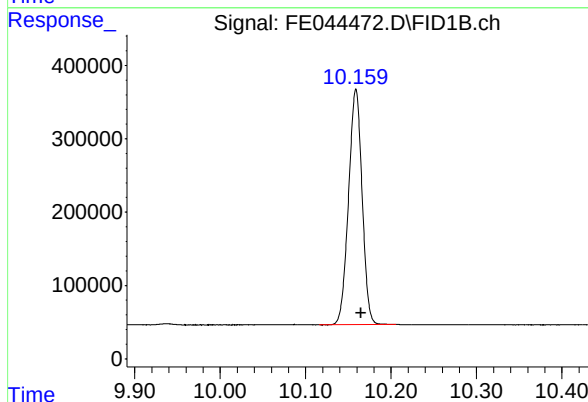
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 3589034
Conc: 20.98 ug/ml



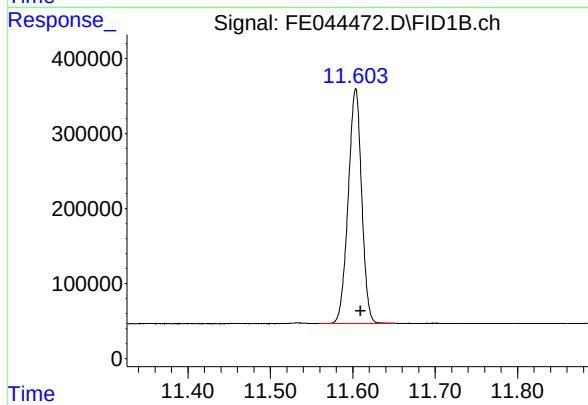
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.005 min
Response: 3420411
Conc: 20.83 ug/ml



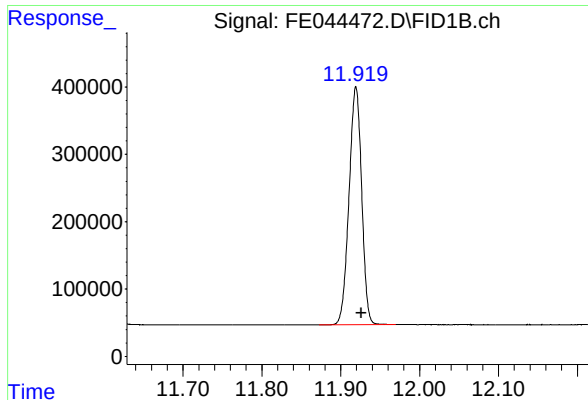
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: -0.006 min
Response: 3535042
Conc: 20.87 ug/ml



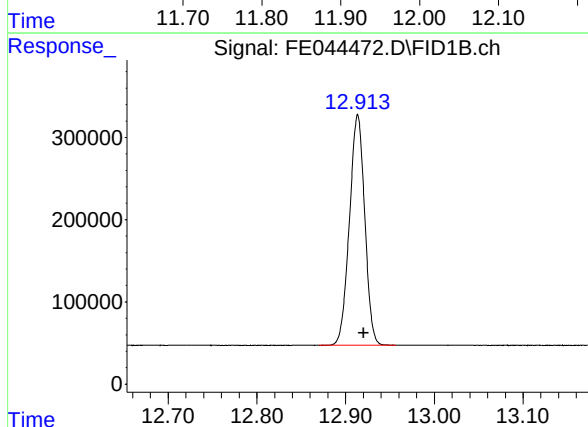
#8 n-Octadecane (C18)

R.T.: 11.604 min
Delta R.T.: -0.006 min
Response: 3552645
Conc: 20.92 ug/ml



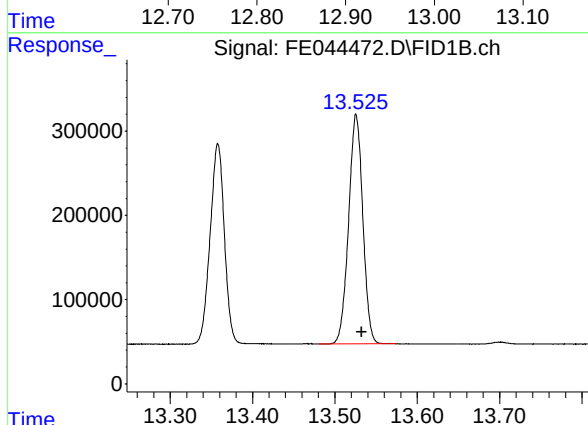
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: -0.007 min
Response: 3926260
Conc: 20.91 ug/ml



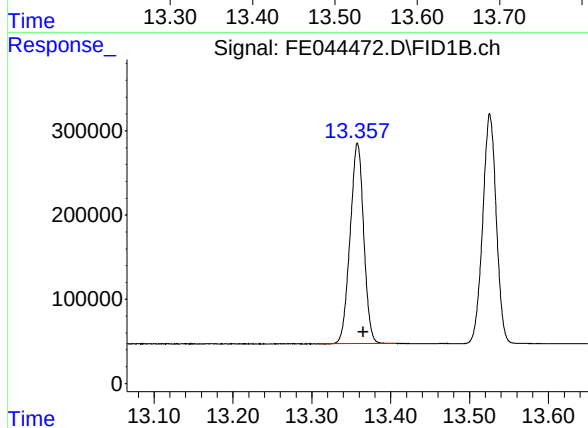
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: -0.006 min
Response: 3358869
Conc: 20.88 ug/ml



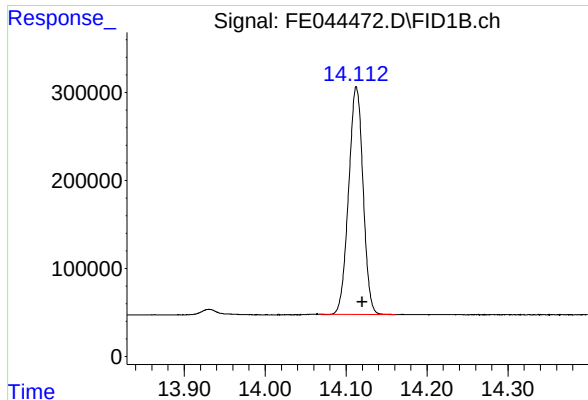
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: -0.007 min
Response: 3260558
Conc: 20.82 ug/ml



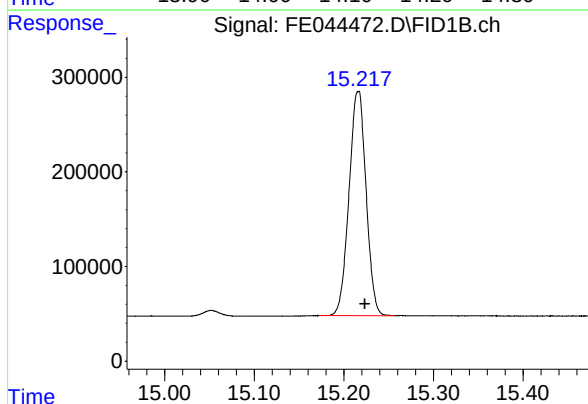
#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.007 min
Response: 2852981
Conc: 20.97 ug/ml



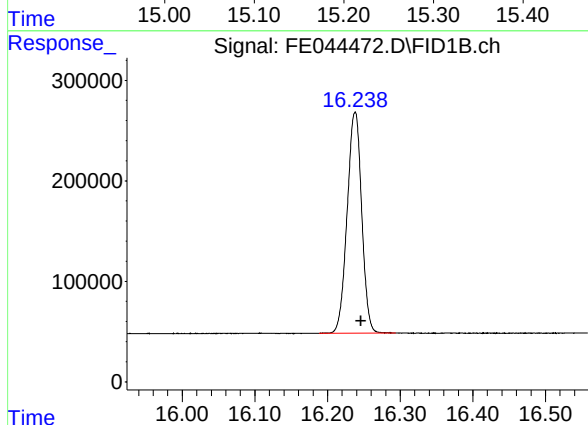
#13 n-Docosane (C22)

R.T.: 14.113 min
Delta R.T.: -0.007 min
Response: 3204713
Conc: 20.78 ug/ml



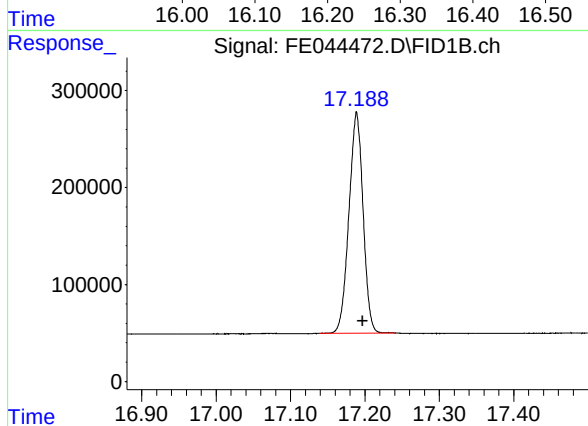
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.007 min
Response: 3135552
Conc: 20.74 ug/ml



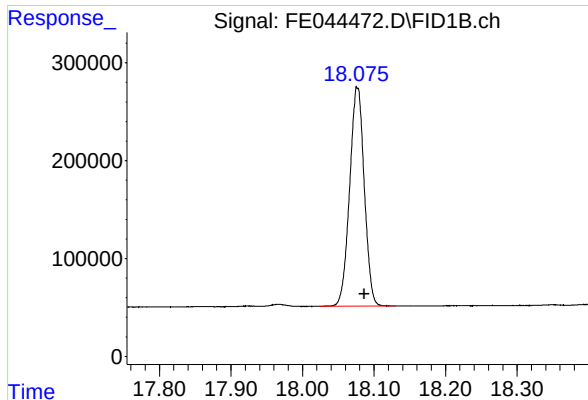
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.008 min
Response: 3058801
Conc: 20.79 ug/ml



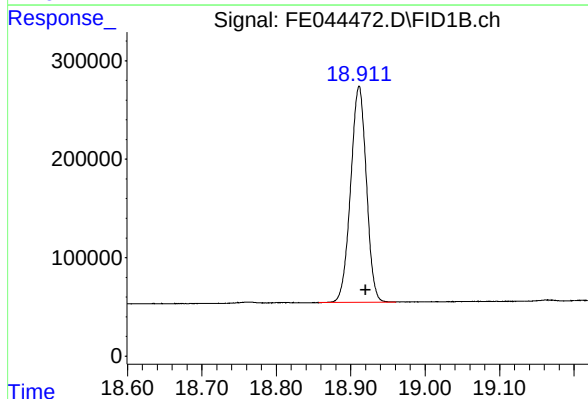
#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: -0.008 min
Response: 3007487
Conc: 20.97 ug/ml



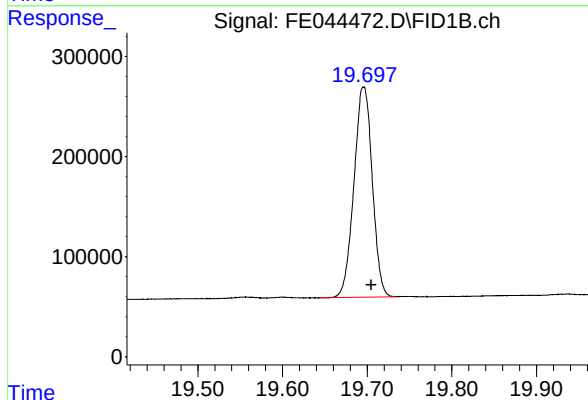
#17 n-Tricontane (C30)

R.T.: 18.077 min
Delta R.T.: -0.009 min
Response: 3178671
Conc: 21.44 ug/ml



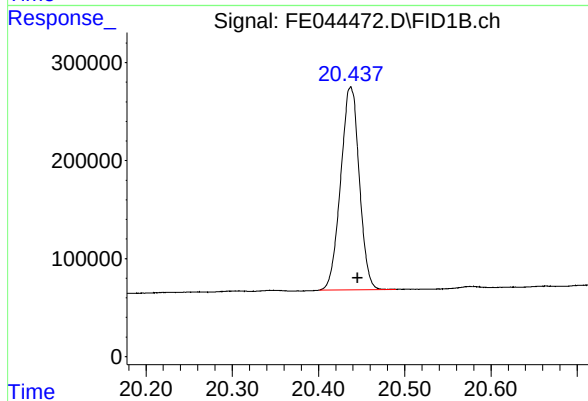
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: -0.008 min
Response: 3222657
Conc: 21.77 ug/ml



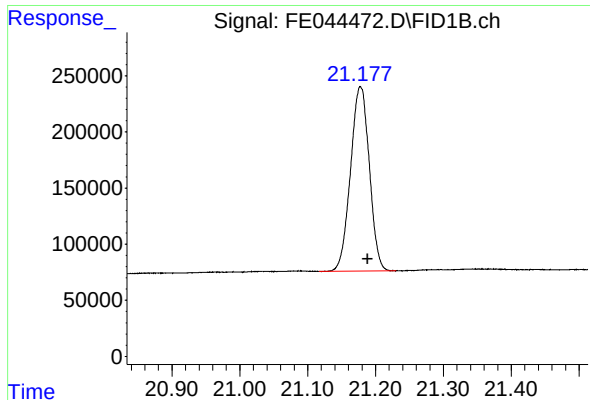
#19 n-Tetatriacontane (C34)

R.T.: 19.696 min
Delta R.T.: -0.009 min
Response: 3154853
Conc: 21.59 ug/ml



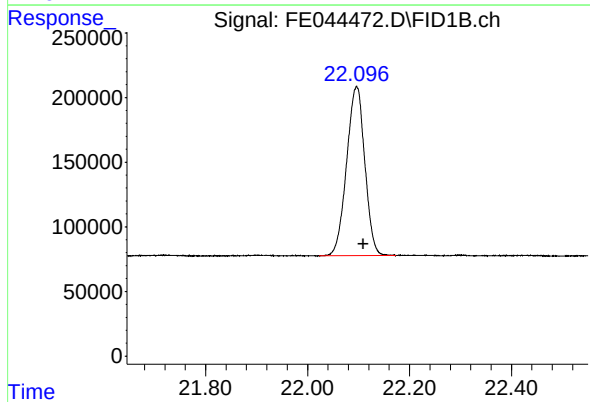
#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: -0.008 min
Response: 3102892
Conc: 21.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.011 min
Response: 3167078
Conc: 21.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.013 min
Response: 3239887
Conc: 20.53 ug/ml