

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102522AL\
 Data File : FE038309.D
 Signal(s) : FID1B.ch
 Acq On : 25 Oct 2022 23:49
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 26 04:46:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:45:05 2022
 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)	11.993	962313	5.862 ug/ml
Spiked Amount 50.000		Recovery =	11.72%
12) S 1-chlorooctadecane (S...	13.423	765978	5.874 ug/ml
Spiked Amount 50.000		Recovery =	11.75%
Target Compounds			
1) T n-Nonane (C9)	3.390	864366	5.884 ug/ml
2) T n-Decane (C10)	4.637	870390	5.879 ug/ml
3) T A~Naphthalene (C11.7)	6.340	947800	5.868 ug/ml
4) T n-Dodecane (C12)	6.797	875558	5.878 ug/ml
5) T A~2-methylnaphthalene...	7.433	936377	5.853 ug/ml
6) T n-Tetradecane (C14)	8.623	875562	5.869 ug/ml
7) T n-Hexadecane (C16)	10.229	885187	5.881 ug/ml
8) T n-Octadecane (C18)	11.670	898989	5.890 ug/ml
10) T n-Eicosane (C20)	12.980	907344	5.917 ug/ml
11) T n-Heneicosane (C21)	13.590	909856	5.915 ug/ml
13) T n-Docosane (C22)	14.175	908662	5.912 ug/ml
14) T n-Tetracosane (C24)	15.277	904335	5.920 ug/ml
15) T n-Hexacosane (C26)	16.295	904753	5.994 ug/ml
16) T n-Octacosane (C28)	17.242	927646	6.291 ug/ml
17) T n-Tricontane (C30)	18.129	1007672	6.868 ug/ml
18) T n-Dotriacontane (C32)	18.959	1012899	7.019 ug/ml
19) T n-Tetratriacontane (C34)	19.741	919151	6.736 ug/ml
20) T n-Hexatriacontane (C36)	20.479	861526	6.435 ug/ml
21) T n-Octatriacontane (C38)	21.226	791824	6.185 ug/ml
22) T n-Tetracontane (C40)	22.159	724467	6.007 ug/ml

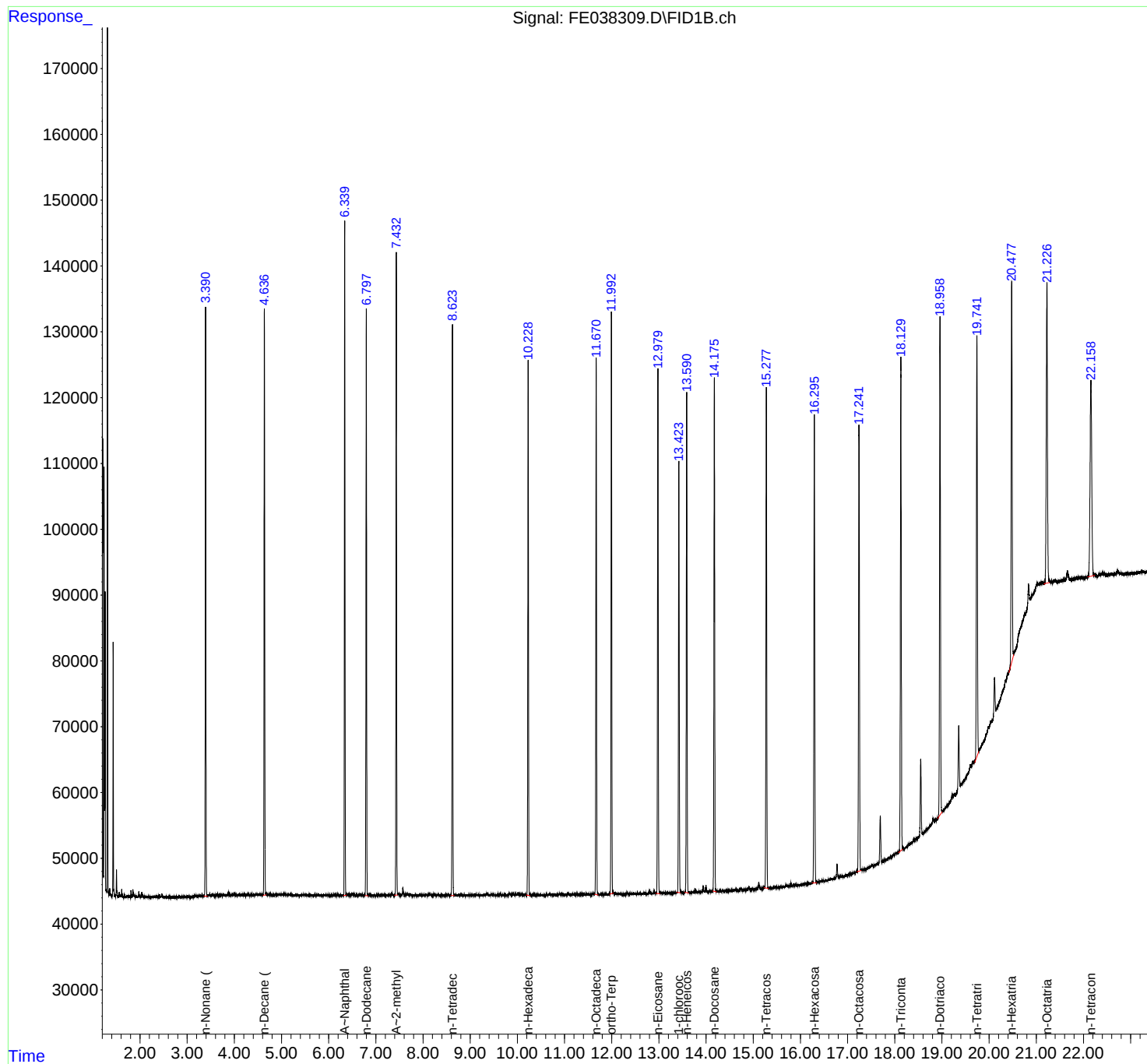
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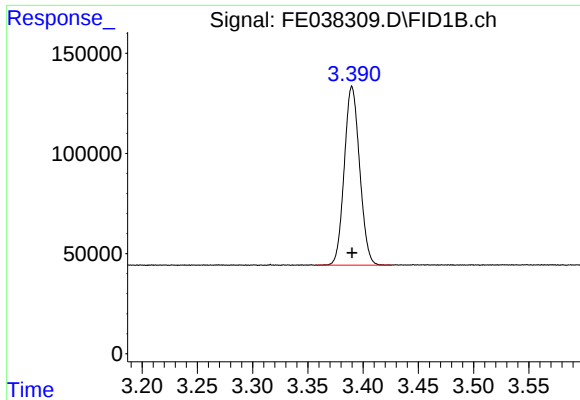
(m)=manual int.

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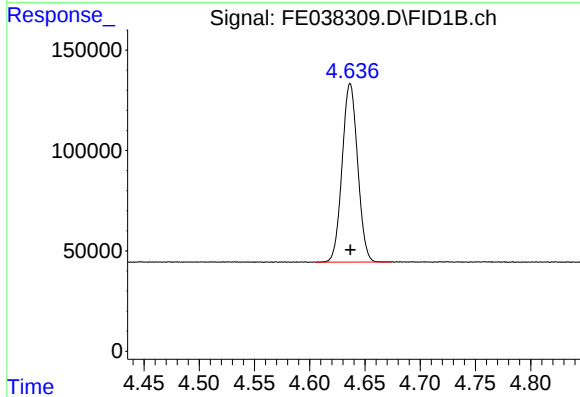
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





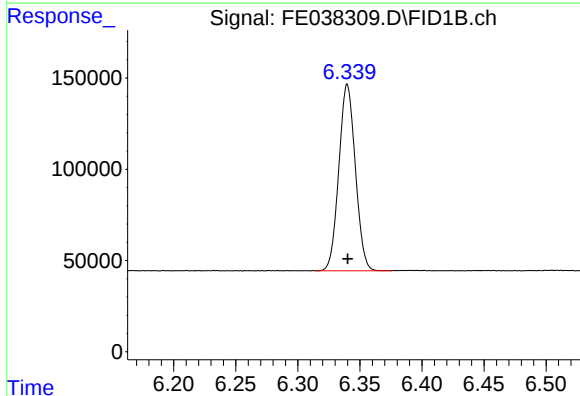
#1 n-Nonane (C9)

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 864366
Conc: 5.88 ug/ml



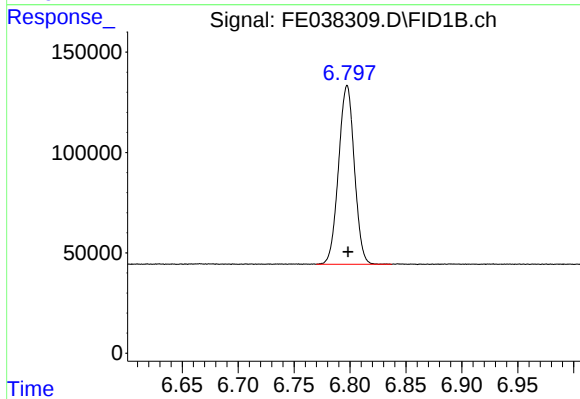
#2 n-Decane (C10)

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 870390
Conc: 5.88 ug/ml



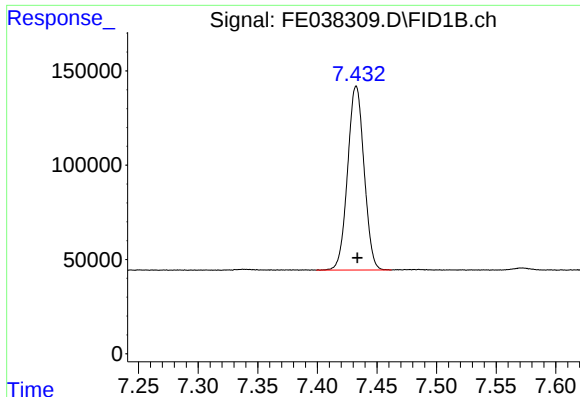
#3 A~Naphthalene (C11.7)

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 947800
Conc: 5.87 ug/ml



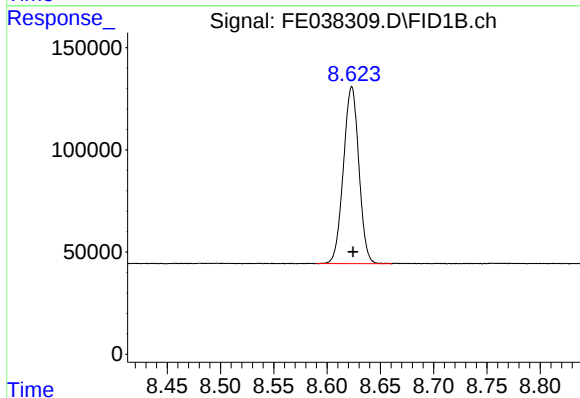
#4 n-Dodecane (C12)

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 875558
Conc: 5.88 ug/ml



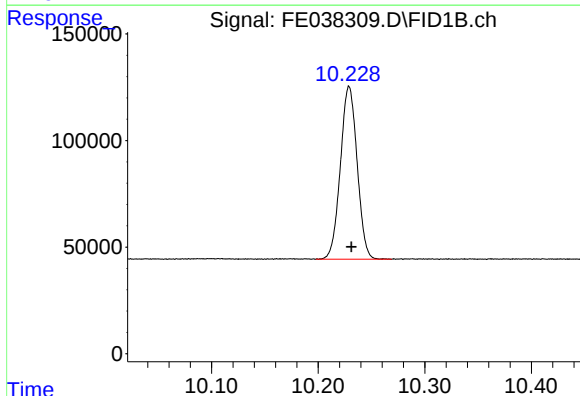
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 936377
Conc: 5.85 ug/ml



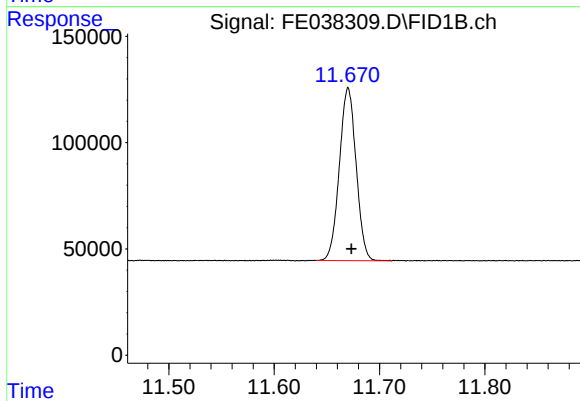
#6 n-Tetradecane (C14)

R.T.: 8.623 min
Delta R.T.: -0.001 min
Response: 875562
Conc: 5.87 ug/ml



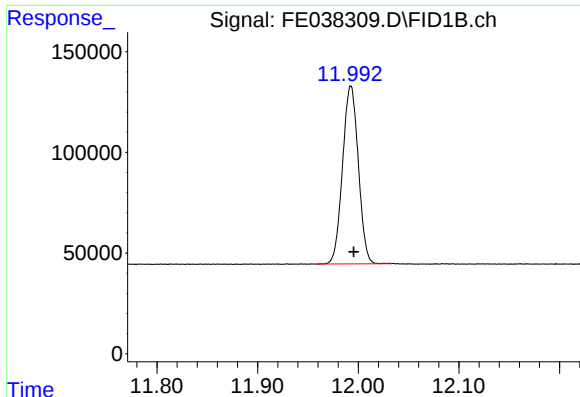
#7 n-Hexadecane (C16)

R.T.: 10.229 min
Delta R.T.: -0.002 min
Response: 885187
Conc: 5.88 ug/ml



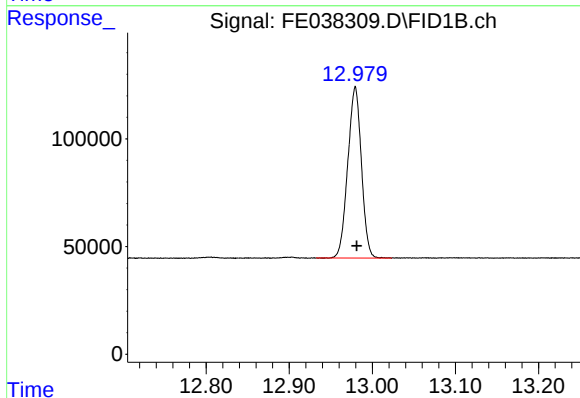
#8 n-Octadecane (C18)

R.T.: 11.670 min
Delta R.T.: -0.003 min
Response: 898989
Conc: 5.89 ug/ml



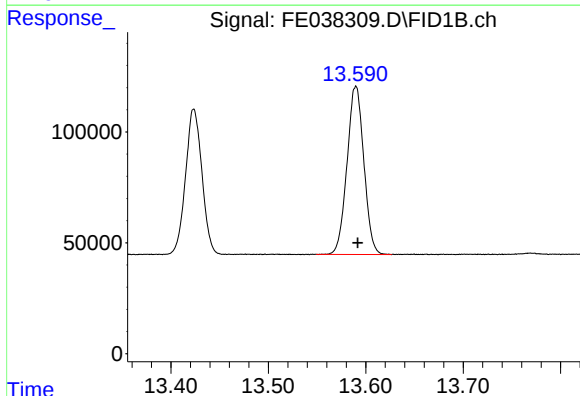
#9 ortho-Terphenyl (SURR)

R.T.: 11.993 min
Delta R.T.: -0.003 min
Response: 962313
Conc: 5.86 ug/ml



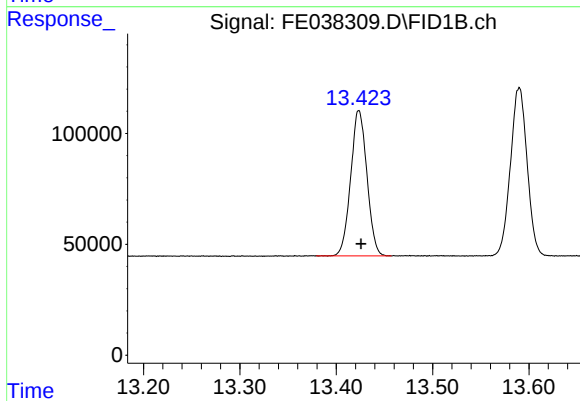
#10 n-Eicosane (C20)

R.T.: 12.980 min
Delta R.T.: -0.002 min
Response: 907344
Conc: 5.92 ug/ml



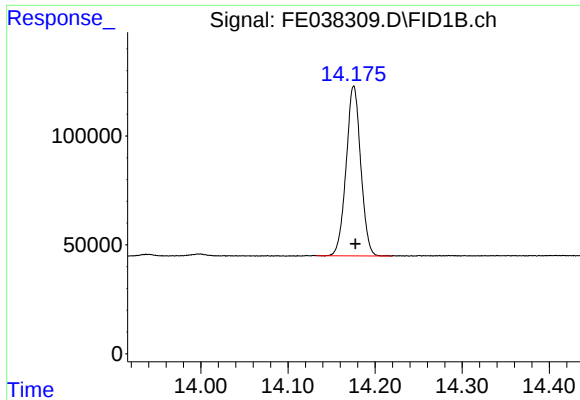
#11 n-Heneicosane (C21)

R.T.: 13.590 min
Delta R.T.: -0.002 min
Response: 909856
Conc: 5.92 ug/ml



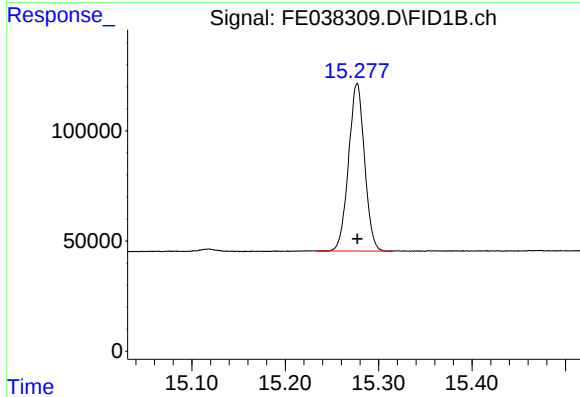
#12 1-chlorooctadecane (SURR)

R.T.: 13.423 min
Delta R.T.: -0.002 min
Response: 765978
Conc: 5.87 ug/ml



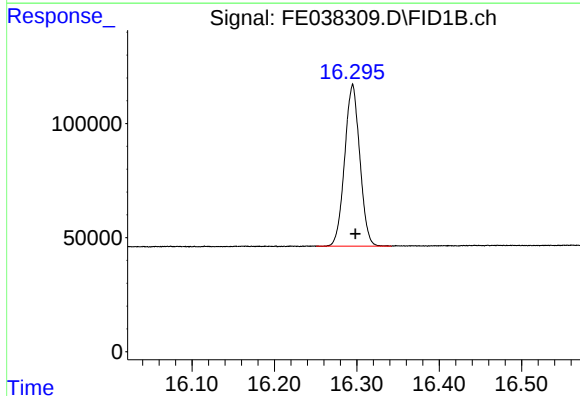
#13 n-Docosane (C22)

R.T.: 14.175 min
Delta R.T.: -0.002 min
Response: 908662
Conc: 5.91 ug/ml



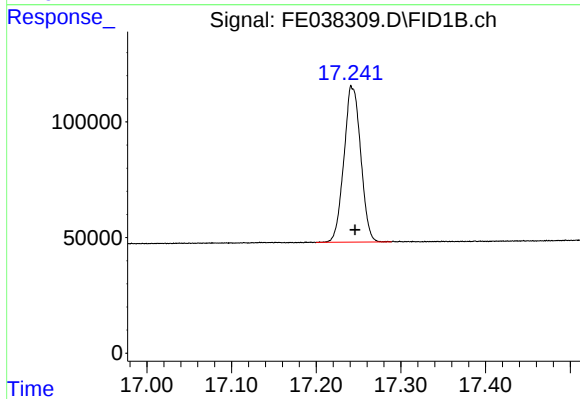
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: 0.000 min
Response: 904335
Conc: 5.92 ug/ml



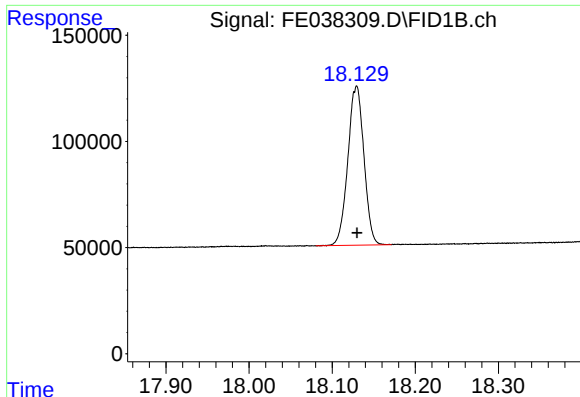
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: -0.003 min
Response: 904753
Conc: 5.99 ug/ml



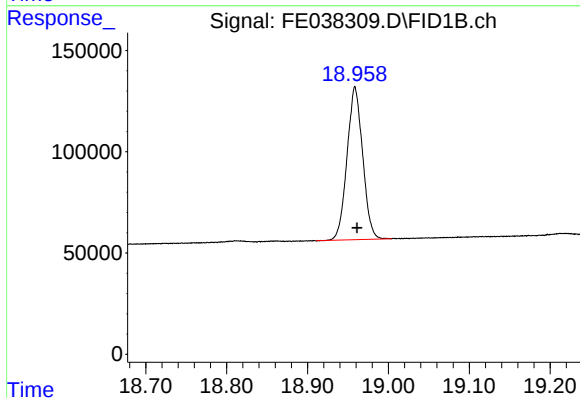
#16 n-Octacosane (C28)

R.T.: 17.242 min
Delta R.T.: -0.004 min
Response: 927646
Conc: 6.29 ug/ml



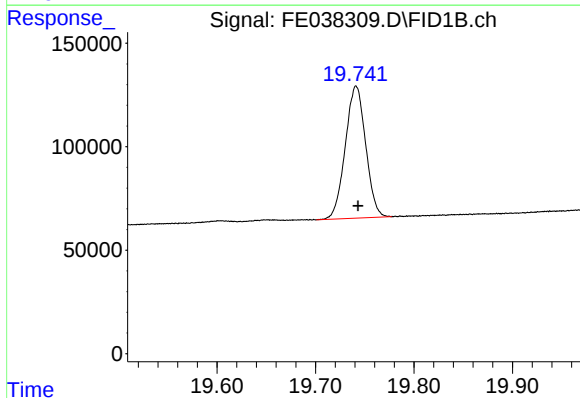
#17 n-Tricontane (C30)

R.T.: 18.129 min
Delta R.T.: 0.000 min
Response: 1007672
Conc: 6.87 ug/ml



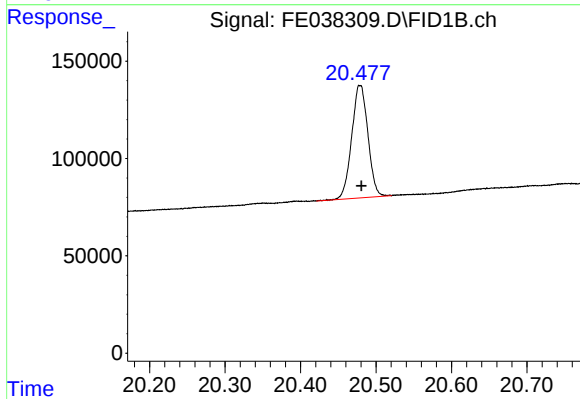
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: -0.003 min
Response: 1012899
Conc: 7.02 ug/ml



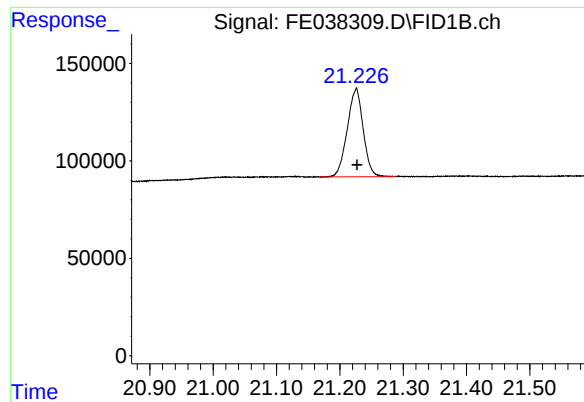
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: -0.002 min
Response: 919151
Conc: 6.74 ug/ml



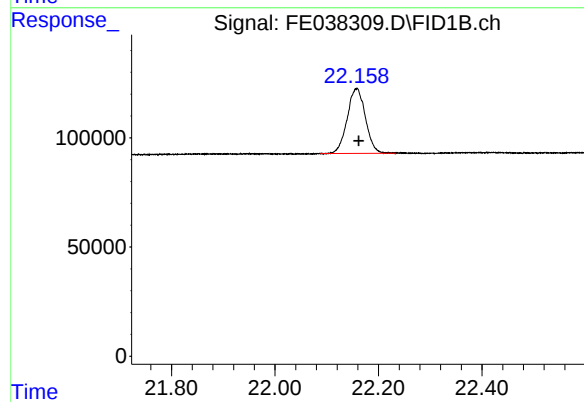
#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: -0.002 min
Response: 861526
Conc: 6.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: 0.000 min
Response: 791824
Conc: 6.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.159 min
Delta R.T.: -0.004 min
Response: 724467
Conc: 6.01 ug/ml