

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101022AL\
 Data File : FE038029.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2022 11:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 06:50:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.597	3888444	22.481 ug/ml
Spiked Amount 50.000		Recovery =	44.96%
12) S 1-chlorooctadecane (S...	13.020	2899008	21.448 ug/ml
Spiked Amount 50.000		Recovery =	42.90%
Target Compounds			
1) T n-Nonane (C9)	2.993	3406808	23.131 ug/ml
2) T n-Decane (C10)	4.249	3519355	23.804 ug/ml
3) T A~Naphthalene (C11.7)	5.970	3373774	24.637 ug/ml
4) T n-Dodecane (C12)	6.422	3638655	23.879 ug/ml
5) T A~2-methylnaphthalene...	7.063	3217444	24.208 ug/ml
6) T n-Tetradecane (C14)	8.242	3660148	23.914 ug/ml
7) T n-Hexadecane (C16)	9.841	3700797	23.693 ug/ml
8) T n-Octadecane (C18)	11.275	3729416	23.251 ug/ml
10) T n-Eicosane (C20)	12.577	3691656	22.638 ug/ml
11) T n-Heneicosane (C21)	13.186	3632583	22.047 ug/ml
13) T n-Docosane (C22)	13.768	3665650	22.268 ug/ml
14) T n-Tetracosane (C24)	14.865	3535045	21.554 ug/ml
15) T n-Hexacosane (C26)	15.879	3360134	20.606 ug/ml
16) T n-Octacosane (C28)	16.823	3200917	19.981 ug/ml
17) T n-Tricontane (C30)	17.706	3075806	19.221 ug/ml
18) T n-Dotriacontane (C32)	18.535	2884281	18.316 ug/ml
19) T n-Tetratriacontane (C34)	19.314	2572824	17.366 ug/ml
20) T n-Hexatriacontane (C36)	20.050	2393399	16.602 ug/ml
21) T n-Octatriacontane (C38)	20.745	2291031	16.883 ug/ml
22) T n-Tetracontane (C40)	21.513	2277433	17.891 ug/ml

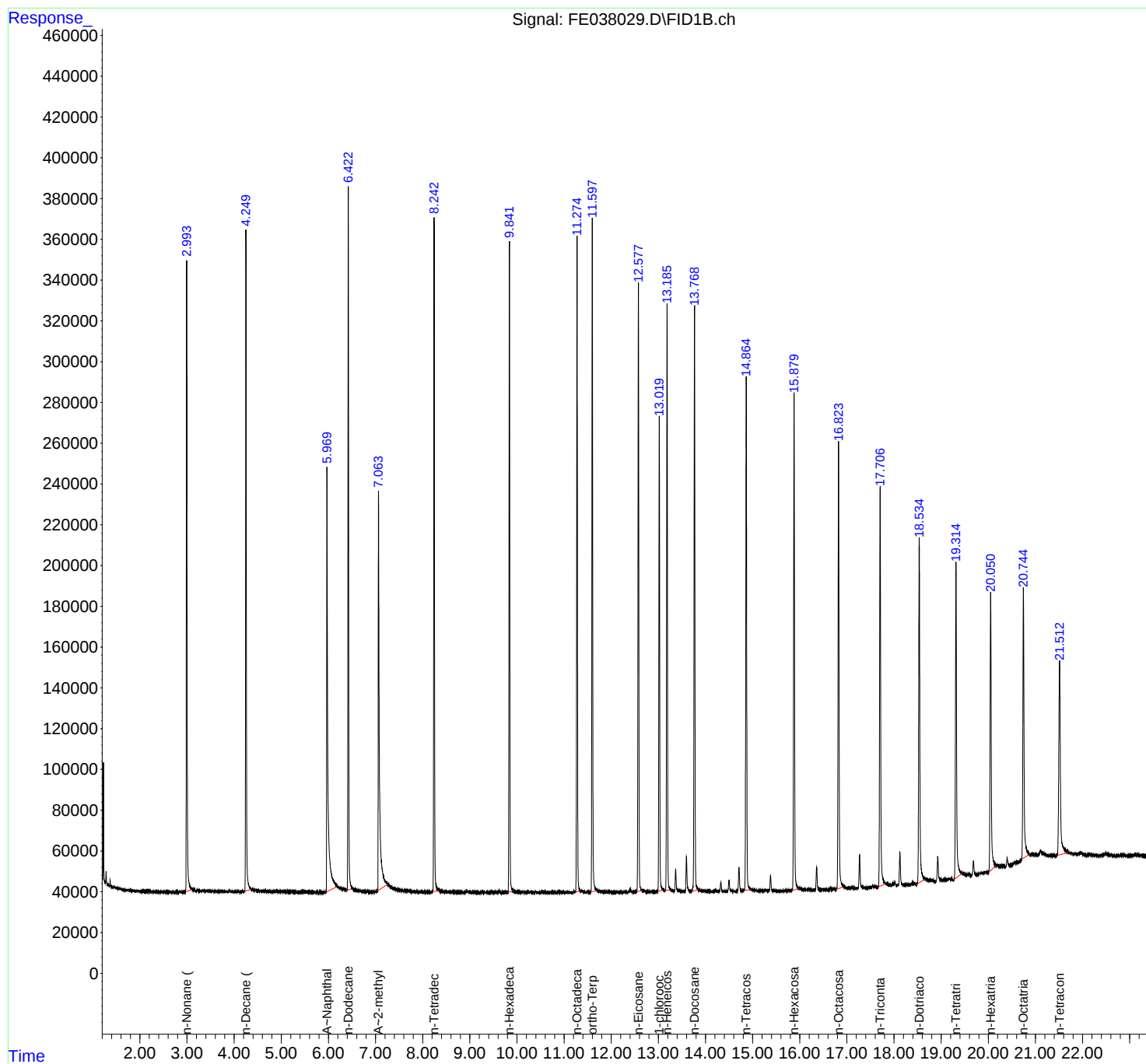
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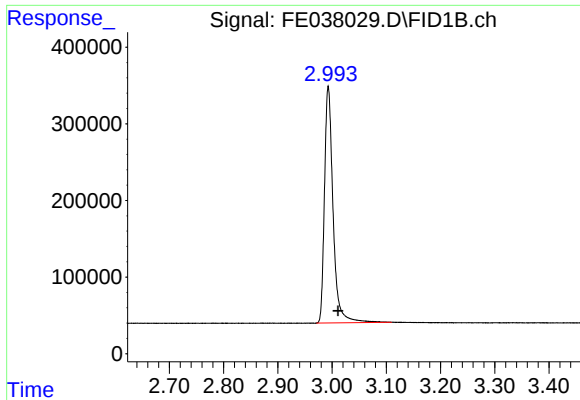
(m)=manual int.

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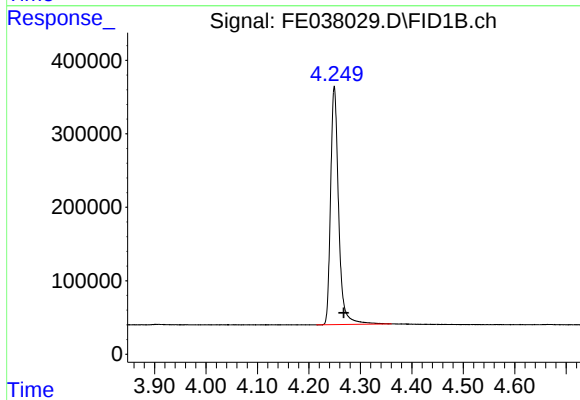
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





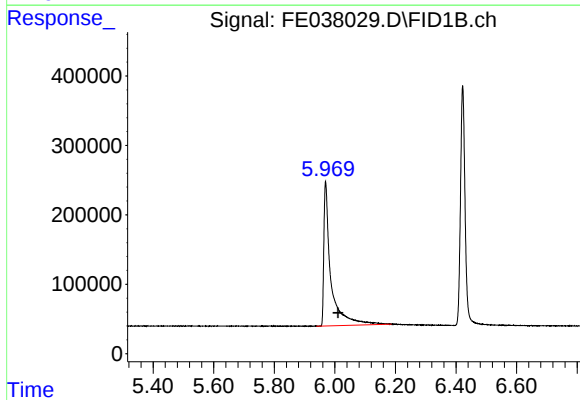
#1 n-Nonane (C9)

R.T.: 2.993 min
Delta R.T.: -0.018 min
Response: 3406808
Conc: 23.13 ug/ml



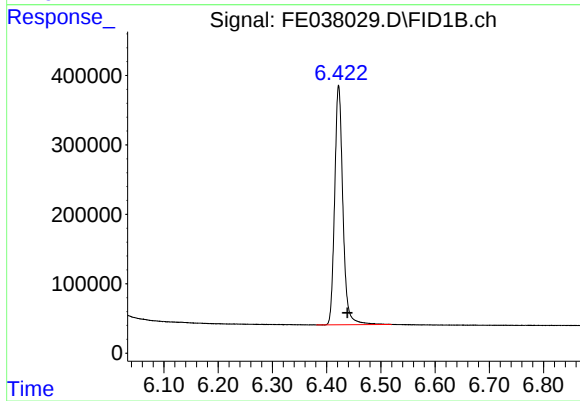
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: -0.018 min
Response: 3519355
Conc: 23.80 ug/ml



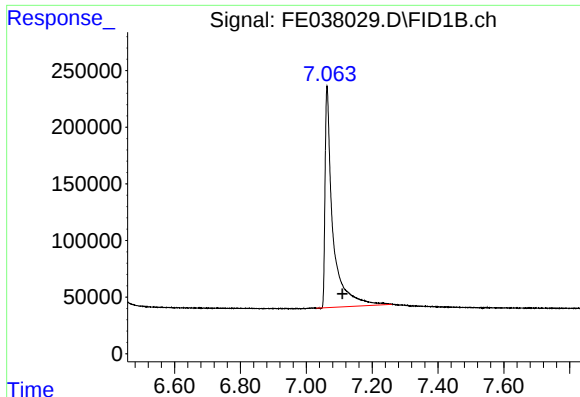
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.041 min
Response: 3373774
Conc: 24.64 ug/ml



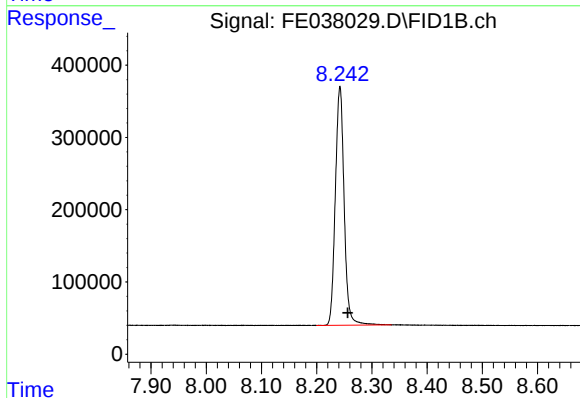
#4 n-Dodecane (C12)

R.T.: 6.422 min
Delta R.T.: -0.016 min
Response: 3638655
Conc: 23.88 ug/ml



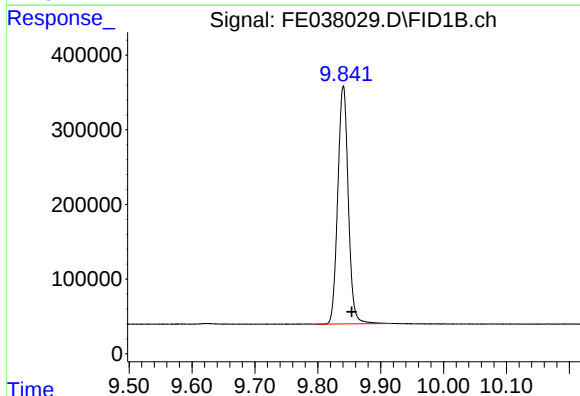
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.063 min
Delta R.T.: -0.046 min
Response: 3217444
Conc: 24.21 ug/ml



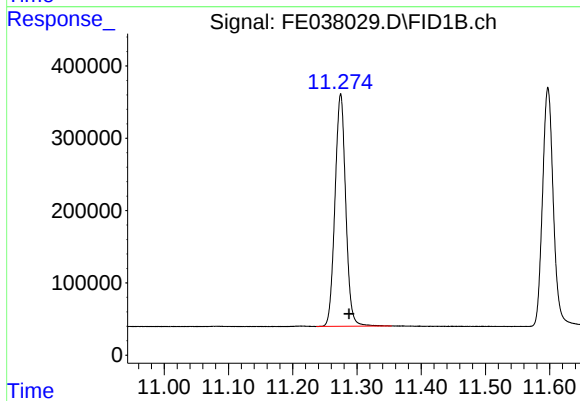
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: -0.014 min
Response: 3660148
Conc: 23.91 ug/ml



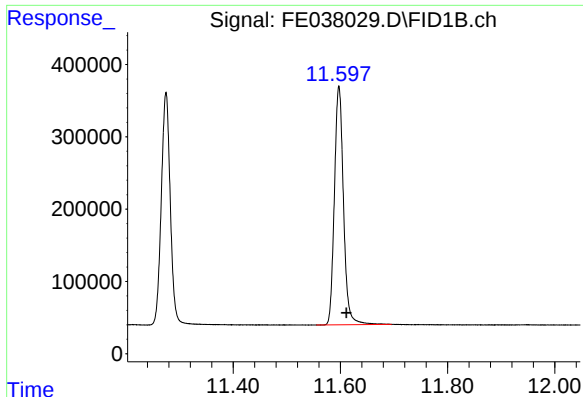
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: -0.013 min
Response: 3700797
Conc: 23.69 ug/ml



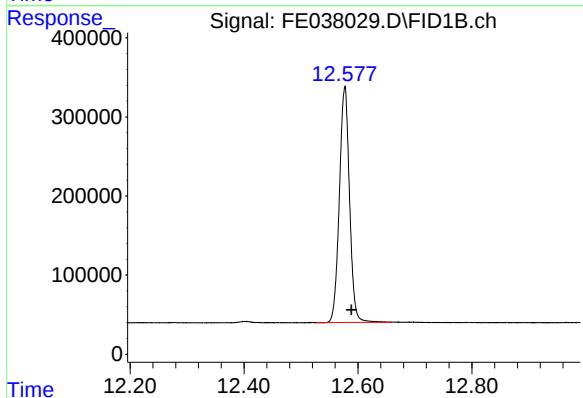
#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: -0.013 min
Response: 3729416
Conc: 23.25 ug/ml



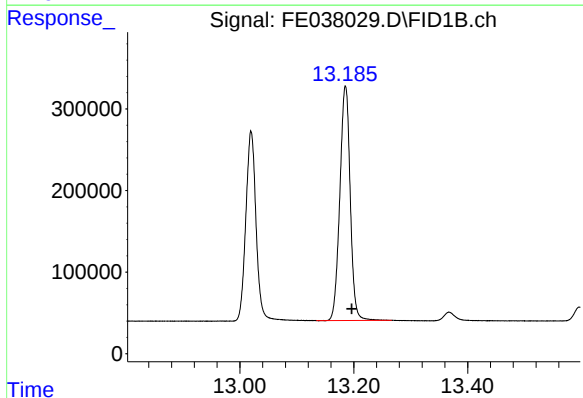
#9 ortho-Terphenyl (SURR)

R.T.: 11.597 min
Delta R.T.: -0.014 min
Response: 3888444
Conc: 22.48 ug/ml



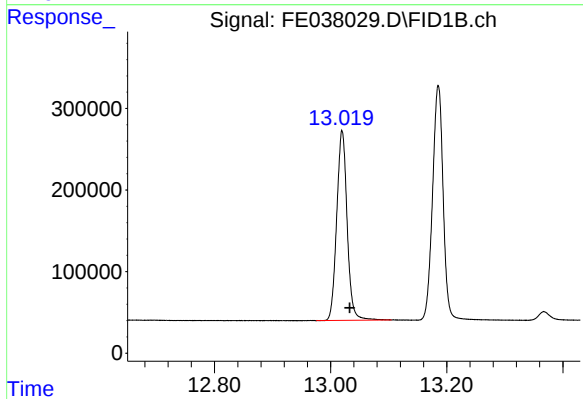
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.012 min
Response: 3691656
Conc: 22.64 ug/ml



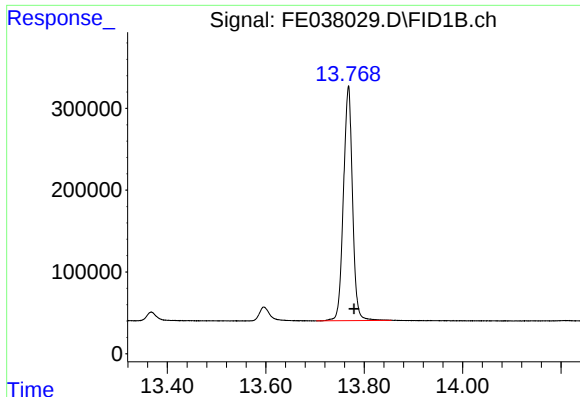
#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: -0.011 min
Response: 3632583
Conc: 22.05 ug/ml



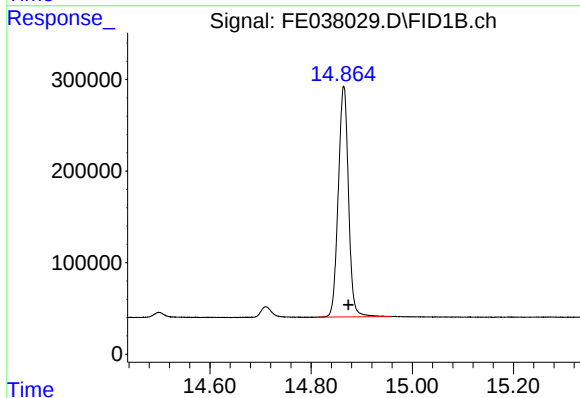
#12 1-chlorooctadecane (SURR)

R.T.: 13.020 min
Delta R.T.: -0.013 min
Response: 2899008
Conc: 21.45 ug/ml



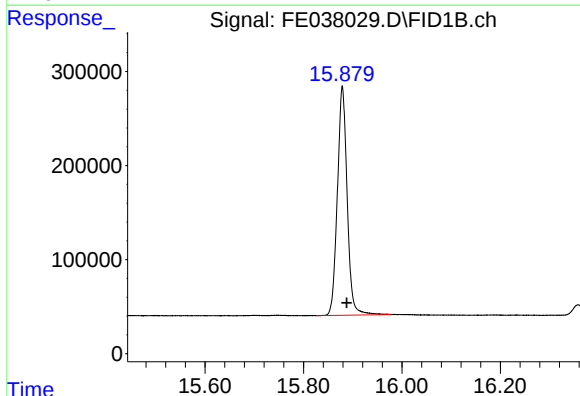
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: -0.011 min
Response: 3665650
Conc: 22.27 ug/ml



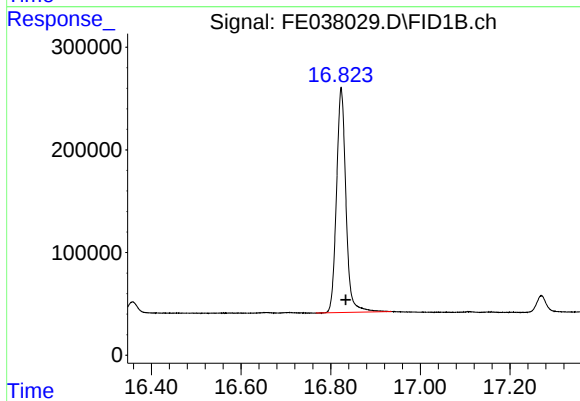
#14 n-Tetracosane (C24)

R.T.: 14.865 min
Delta R.T.: -0.009 min
Response: 3535045
Conc: 21.55 ug/ml



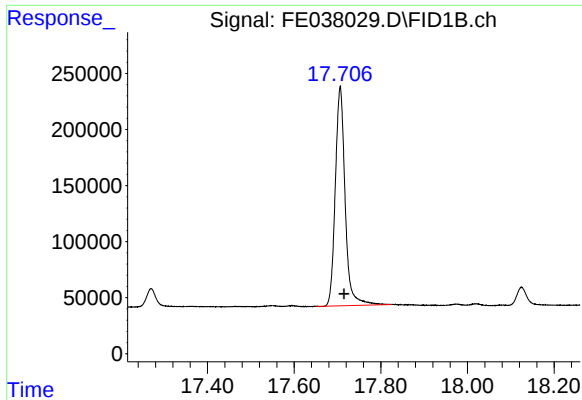
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: -0.009 min
Response: 3360134
Conc: 20.61 ug/ml



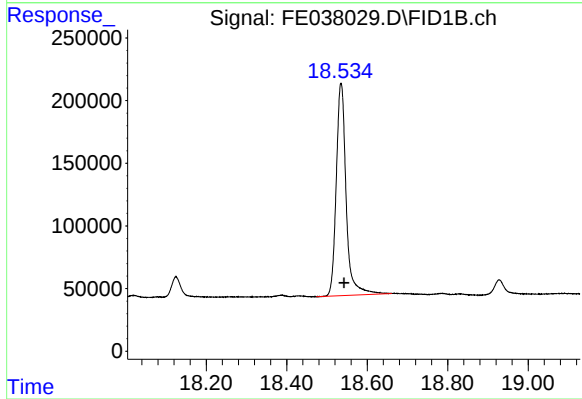
#16 n-Octacosane (C28)

R.T.: 16.823 min
Delta R.T.: -0.010 min
Response: 3200917
Conc: 19.98 ug/ml



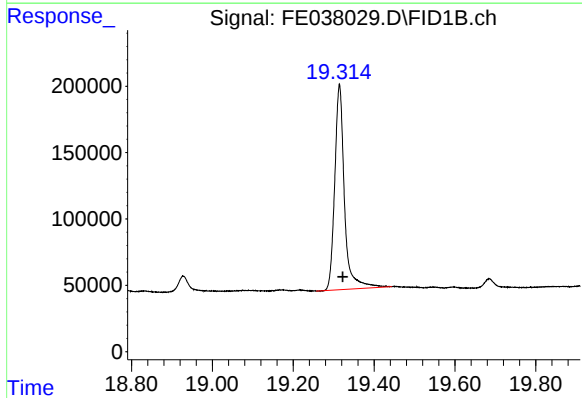
#17 n-Tricontane (C30)

R.T.: 17.706 min
Delta R.T.: -0.009 min
Response: 3075806
Conc: 19.22 ug/ml



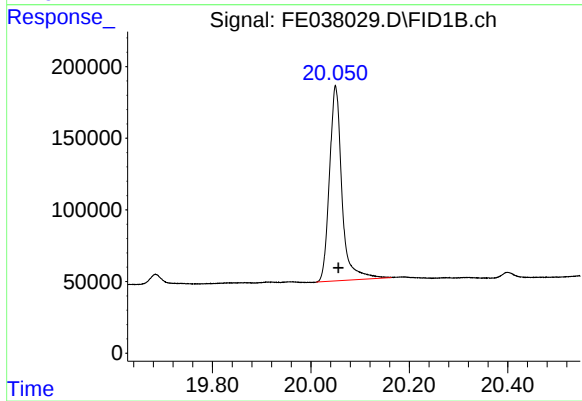
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: -0.007 min
Response: 2884281
Conc: 18.32 ug/ml



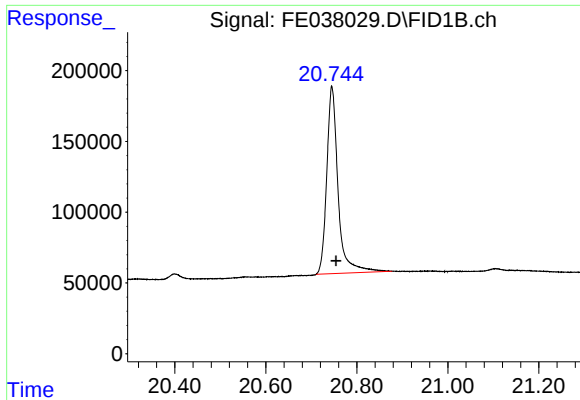
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.008 min
Response: 2572824
Conc: 17.37 ug/ml



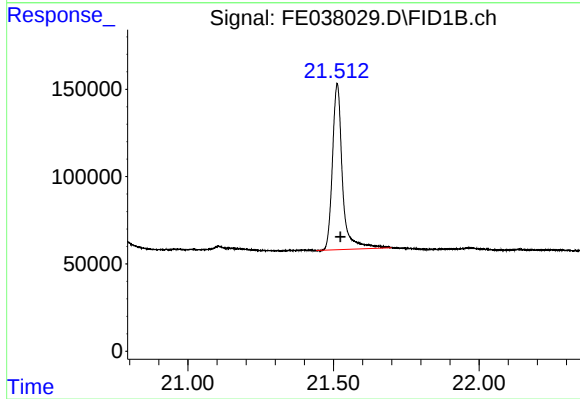
#20 n-Hexatriacontane (C36)

R.T.: 20.050 min
Delta R.T.: -0.006 min
Response: 2393399
Conc: 16.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.745 min
Delta R.T.: -0.009 min
Response: 2291031
Conc: 16.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.513 min
Delta R.T.: -0.011 min
Response: 2277433
Conc: 17.89 ug/ml