

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112922AL\
 Data File : FE038997.D
 Signal(s) : FID1B.ch
 Acq On : 29 Nov 2022 10:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 30 03:05:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.952	3276710	20.946 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
12) S 1-chlorooctadecane (S...	13.387	2520439	20.875 ug/ml
Spiked Amount 50.000		Recovery =	41.75%
Target Compounds			
1) T n-Nonane (C9)	3.347	2823049	19.916 ug/ml
2) T n-Decane (C10)	4.596	2808442	20.150 ug/ml
3) T A~Naphthalene (C11.7)	6.299	3241739	20.382 ug/ml
4) T n-Dodecane (C12)	6.759	2843351	20.171 ug/ml
5) T A~2-methylnaphthalene...	7.393	3051625	20.390 ug/ml
6) T n-Tetradecane (C14)	8.585	2901510	20.316 ug/ml
7) T n-Hexadecane (C16)	10.190	3006396	20.562 ug/ml
8) T n-Octadecane (C18)	11.632	3056847	20.774 ug/ml
10) T n-Eicosane (C20)	12.941	2969100	20.915 ug/ml
11) T n-Heneicosane (C21)	13.552	2977817	20.956 ug/ml
13) T n-Docosane (C22)	14.139	2949367	21.099 ug/ml
14) T n-Tetracosane (C24)	15.242	2905482	21.038 ug/ml
15) T n-Hexacosane (C26)	16.262	2842480	21.163 ug/ml
16) T n-Octacosane (C28)	17.212	2874017	21.642 ug/ml
17) T n-Tricontane (C30)	18.098	3013582	22.820 ug/ml
18) T n-Dotriacontane (C32)	18.932	3103211	23.268 ug/ml
19) T n-Tetratriacontane (C34)	19.715	2976724	22.496 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2803760	21.824 ug/ml
21) T n-Octatriacontane (C38)	21.194	2851095	21.758 ug/ml
22) T n-Tetracontane (C40)	22.117	2722630	19.995 ug/ml

(f)=RT Delta > 1/2 Window

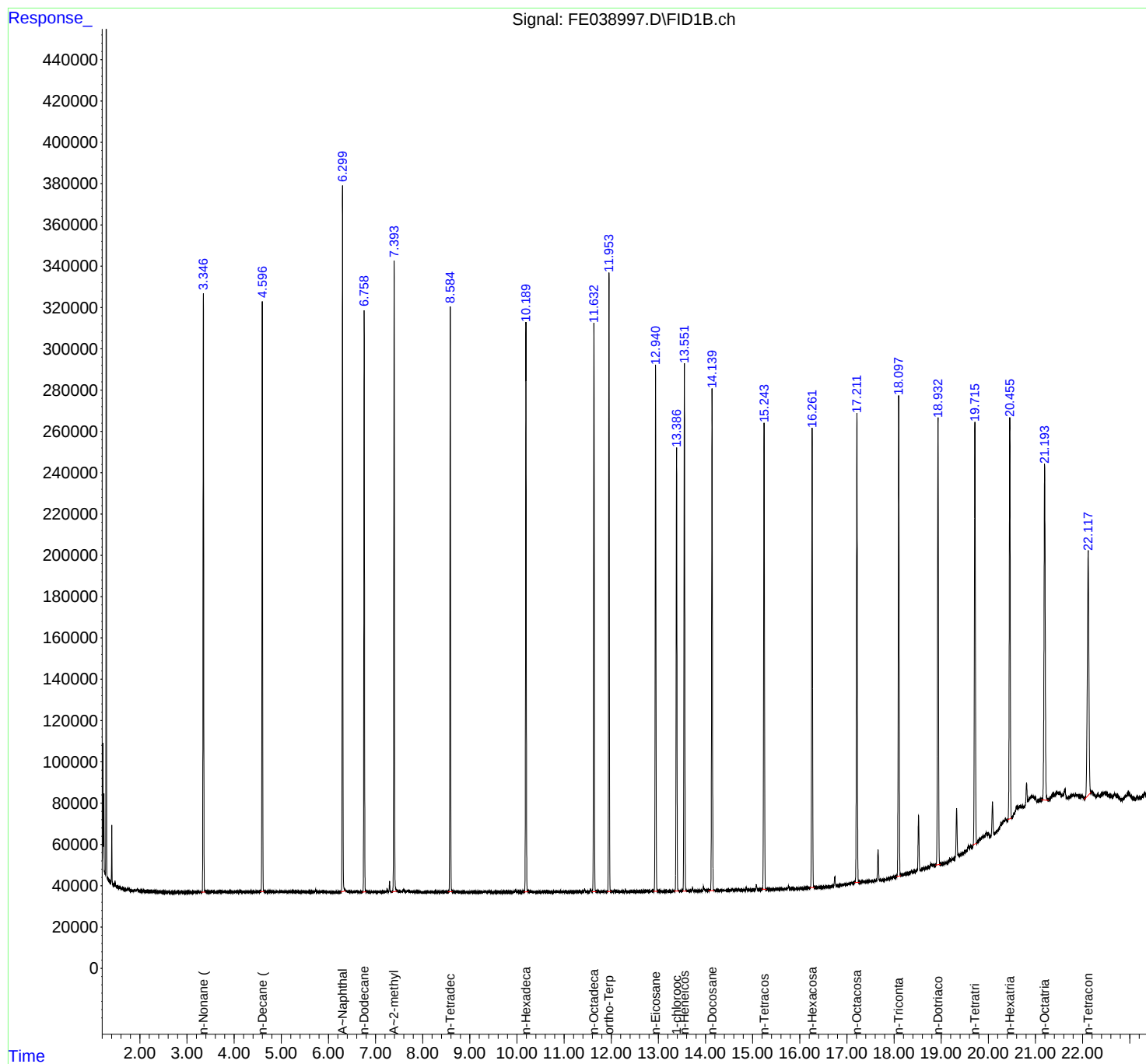
(m)=manual int.

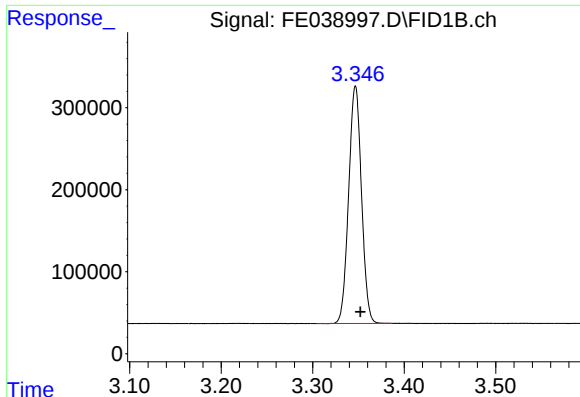
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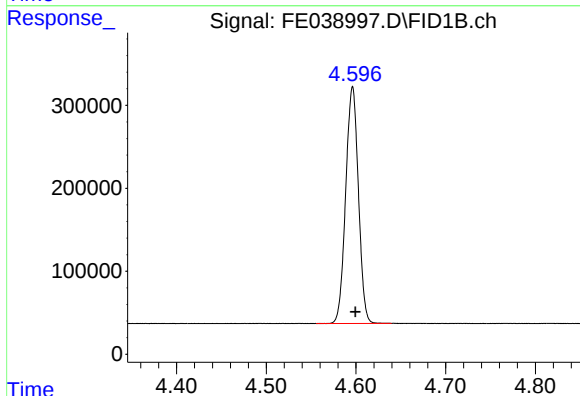




#1 n-Nonane (C9)

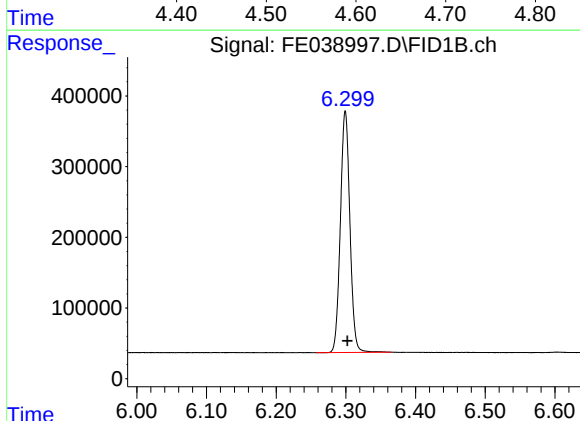
R.T.: 3.347 min
Delta R.T.: -0.005 min
Response: 2823049
Conc: 19.92 ug/ml

Instrument :
FID_E
ClientSampleId :



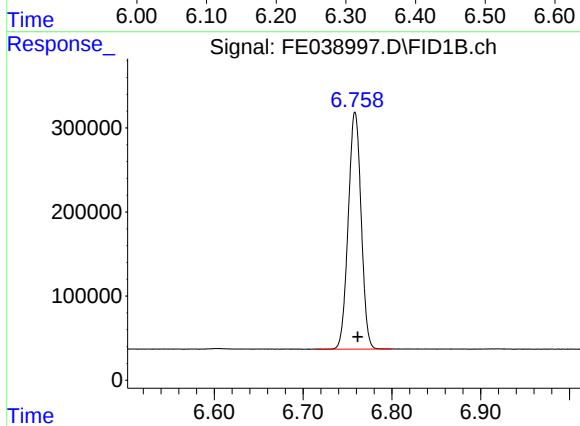
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 2808442
Conc: 20.15 ug/ml



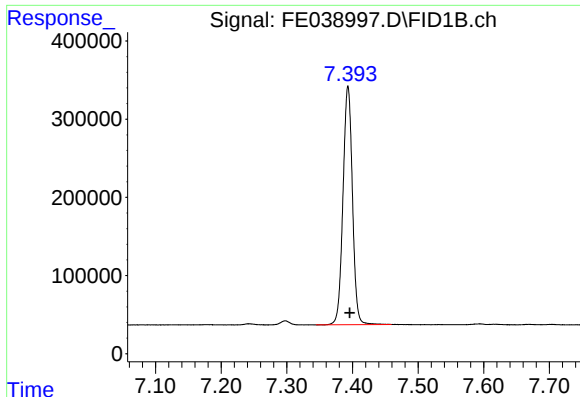
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.003 min
Response: 3241739
Conc: 20.38 ug/ml



#4 n-Dodecane (C12)

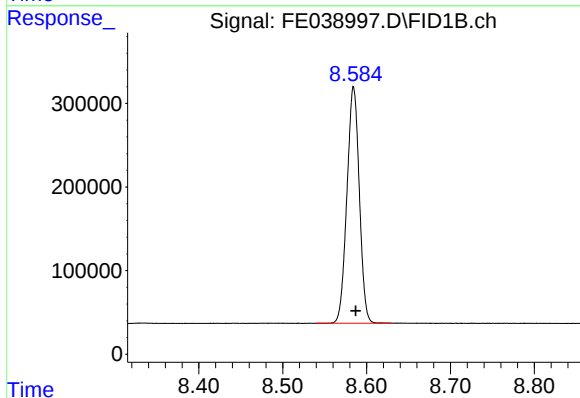
R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 2843351
Conc: 20.17 ug/ml



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

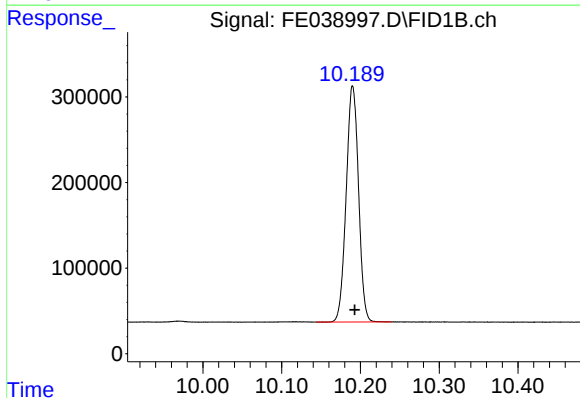
R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 3051625
Conc: 20.39 ug/ml

Instrument :
FID_E
ClientSampleId :



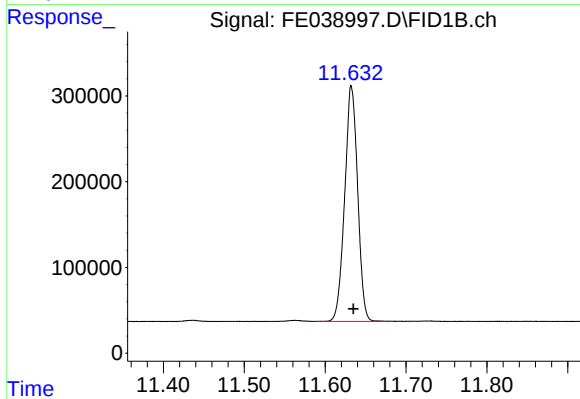
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.002 min
Response: 2901510
Conc: 20.32 ug/ml



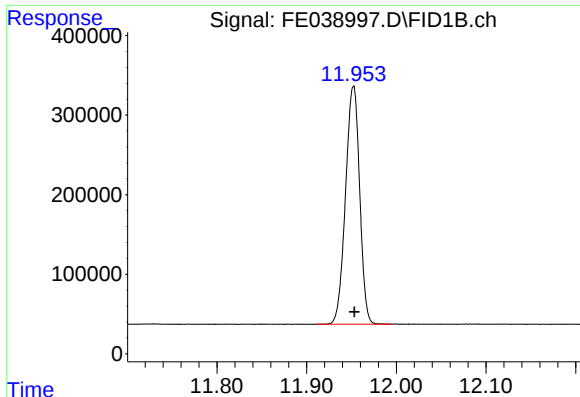
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: -0.003 min
Response: 3006396
Conc: 20.56 ug/ml



#8 n-Octadecane (C18)

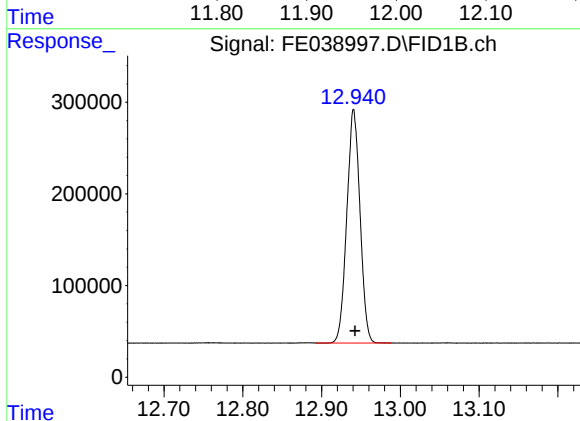
R.T.: 11.632 min
Delta R.T.: -0.002 min
Response: 3056847
Conc: 20.77 ug/ml



#9 ortho-Terphenyl (SURR)

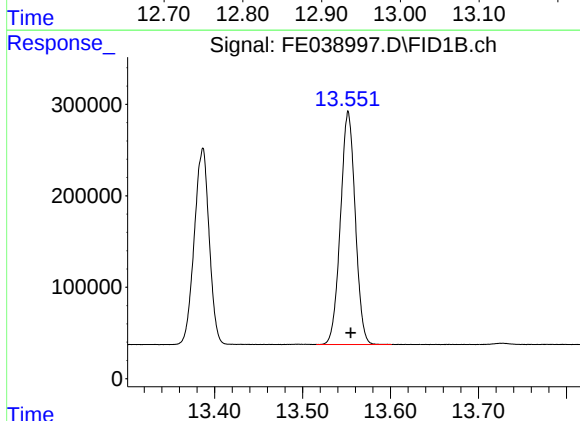
R.T.: 11.952 min
Delta R.T.: 0.000 min
Response: 3276710
Conc: 20.95 ug/ml

Instrument :
FID_E
ClientSampleId :



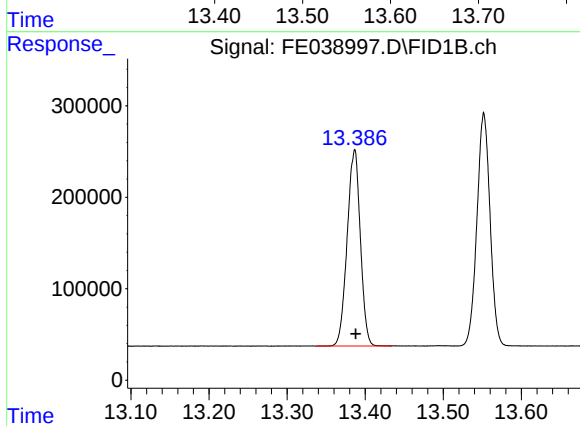
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.002 min
Response: 2969100
Conc: 20.91 ug/ml



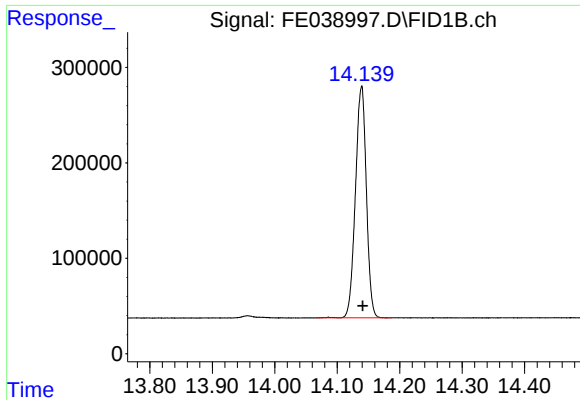
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: -0.003 min
Response: 2977817
Conc: 20.96 ug/ml



#12 1-chlorooctadecane (SURR)

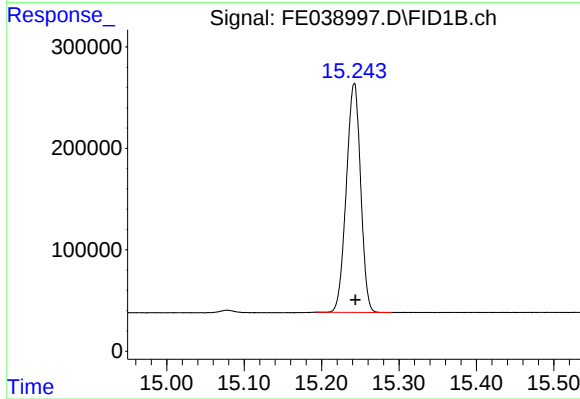
R.T.: 13.387 min
Delta R.T.: -0.001 min
Response: 2520439
Conc: 20.87 ug/ml



#13 n-Docosane (C22)

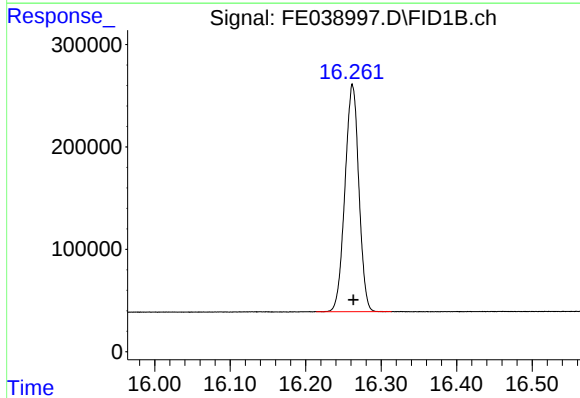
R.T.: 14.139 min
Delta R.T.: -0.002 min
Response: 2949367
Conc: 21.10 ug/ml

Instrument :
FID_E
ClientSampleId :



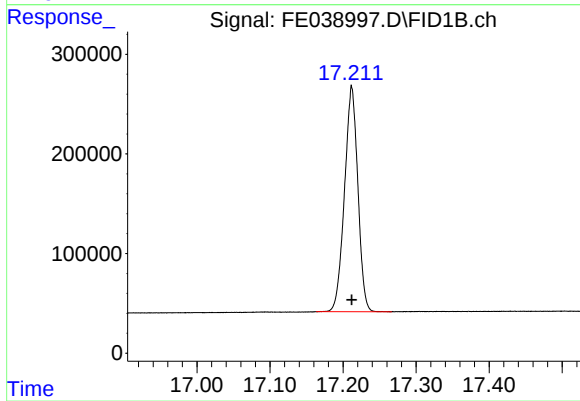
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.001 min
Response: 2905482
Conc: 21.04 ug/ml



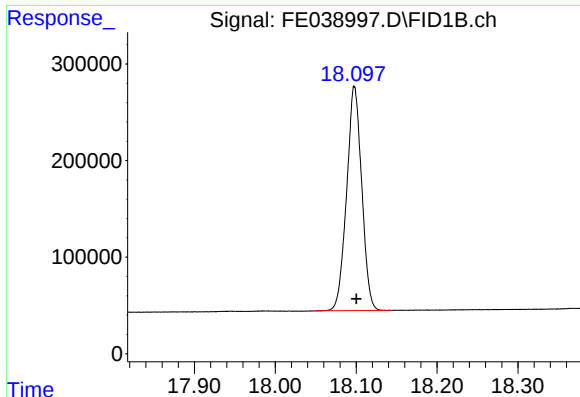
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: -0.001 min
Response: 2842480
Conc: 21.16 ug/ml



#16 n-Octacosane (C28)

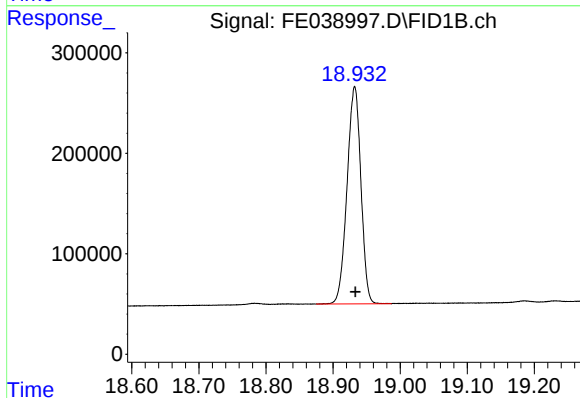
R.T.: 17.212 min
Delta R.T.: 0.000 min
Response: 2874017
Conc: 21.64 ug/ml



#17 n-Tricontane (C30)

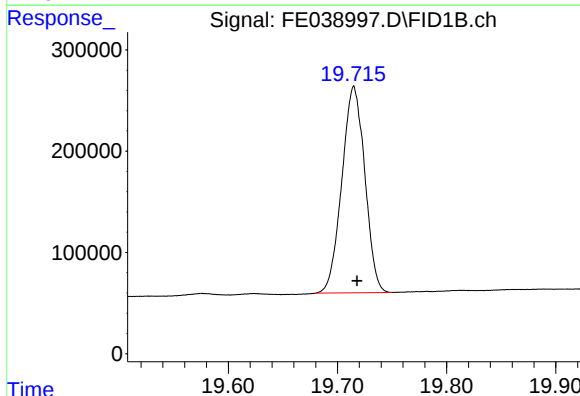
R.T.: 18.098 min
Delta R.T.: -0.002 min
Response: 3013582
Conc: 22.82 ug/ml

Instrument :
FID_E
ClientSampleId :



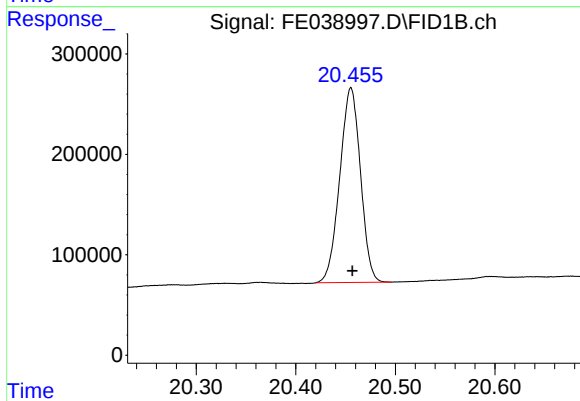
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.001 min
Response: 3103211
Conc: 23.27 ug/ml



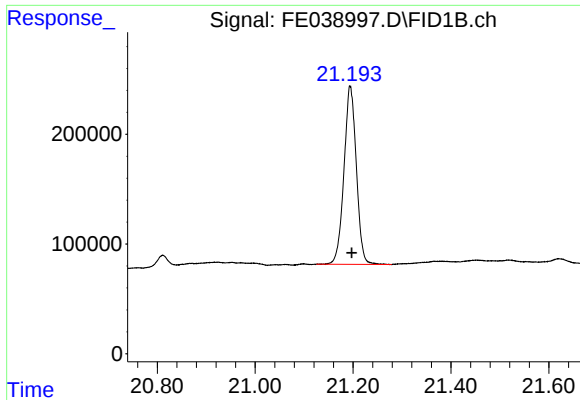
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.003 min
Response: 2976724
Conc: 22.50 ug/ml



#20 n-Hexatriacontane (C36)

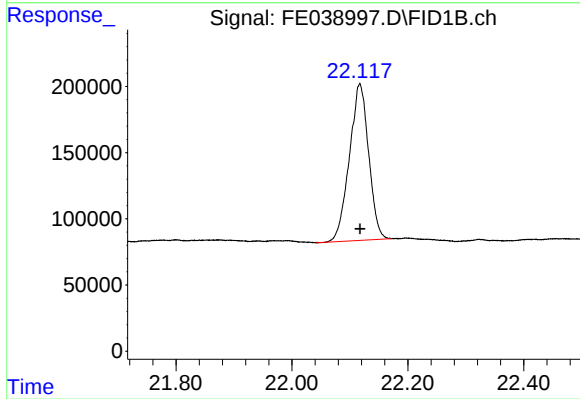
R.T.: 20.455 min
Delta R.T.: -0.001 min
Response: 2803760
Conc: 21.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.003 min
Response: 2851095
Conc: 21.76 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: 0.000 min
Response: 2722630
Conc: 19.99 ug/ml