

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110822AL\
 Data File : FE038641.D
 Signal(s) : FID1B.ch
 Acq On : 08 Nov 2022 15:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 09 04:05:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.963	3085662	17.932 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
12) S 1-chlorooctadecane (S...	13.396	2416858	17.654 ug/ml
Spiked Amount 50.000		Recovery =	35.31%
Target Compounds			
1) T n-Nonane (C9)	3.359	2950995	19.161 ug/ml
2) T n-Decane (C10)	4.608	3014569	19.421 ug/ml
3) T A~Naphthalene (C11.7)	6.311	3206315	18.933 ug/ml
4) T n-Dodecane (C12)	6.770	3012027	19.281 ug/ml
5) T A~2-methylnaphthalene...	7.405	3126095	18.654 ug/ml
6) T n-Tetradecane (C14)	8.595	2981024	19.062 ug/ml
7) T n-Hexadecane (C16)	10.201	2976970	18.843 ug/ml
8) T n-Octadecane (C18)	11.643	2955643	18.452 ug/ml
10) T n-Eicosane (C20)	12.951	2896527	17.977 ug/ml
11) T n-Heneicosane (C21)	13.563	2868238	17.756 ug/ml
13) T n-Docosane (C22)	14.148	2848032	17.641 ug/ml
14) T n-Tetracosane (C24)	15.250	2798220	17.445 ug/ml
15) T n-Hexacosane (C26)	16.269	2765154	17.409 ug/ml
16) T n-Octacosane (C28)	17.219	2809517	17.907 ug/ml
17) T n-Tricontane (C30)	18.107	3057650	19.163 ug/mlm
18) T n-Dotriacontane (C32)	18.938	3208510	20.350 ug/ml
19) T n-Tetratriacontane (C34)	19.720	3059453	20.753 ug/mlm
20) T n-Hexatriacontane (C36)	20.461	3079043	21.549 ug/ml
21) T n-Octatriacontane (C38)	21.203	3074567	22.764 ug/ml
22) T n-Tetracontane (C40)	22.127	3124391	24.752 ug/mlm

(f)=RT Delta > 1/2 Window

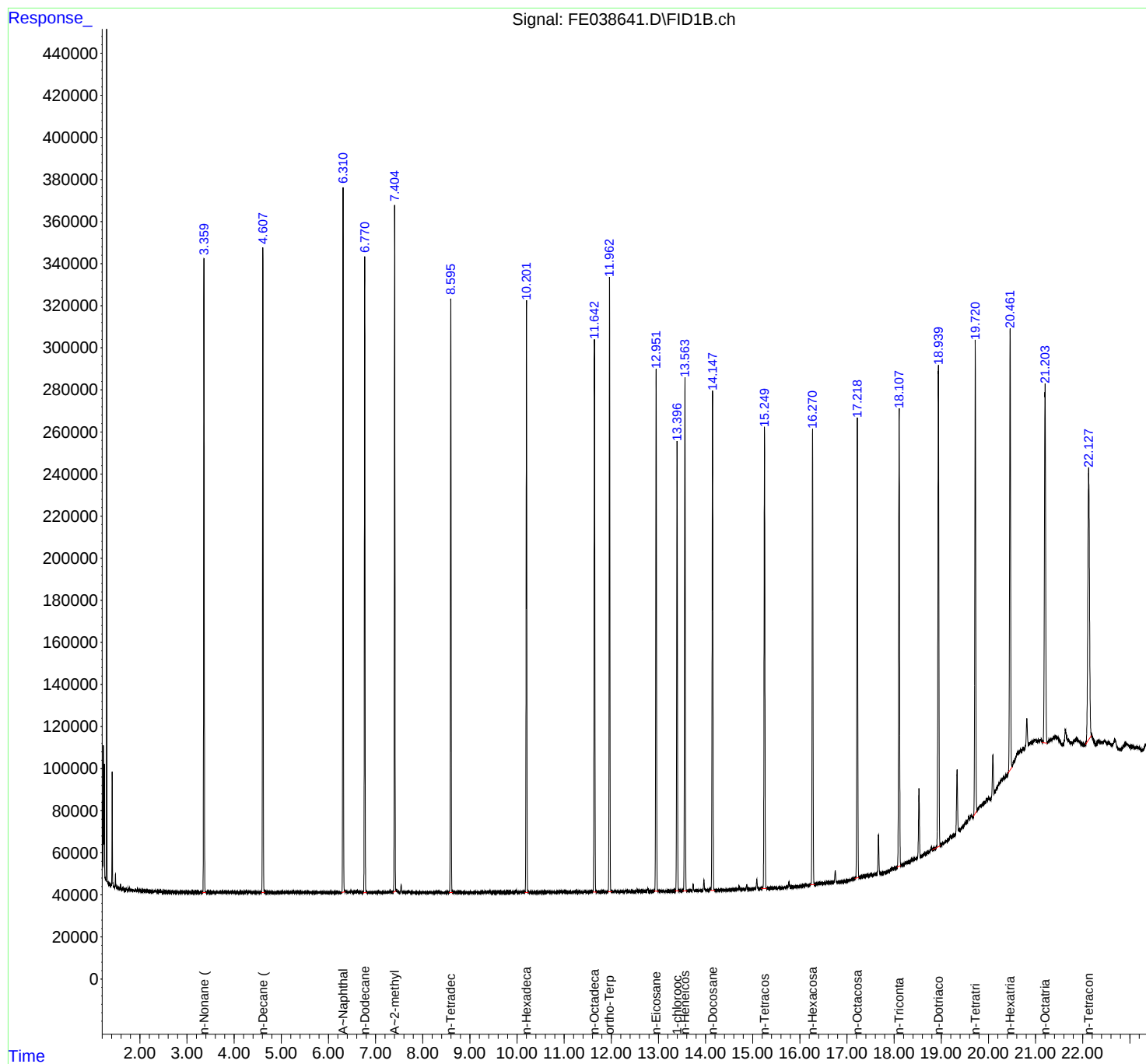
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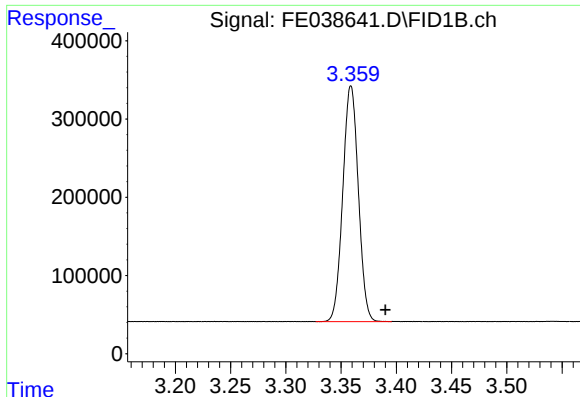
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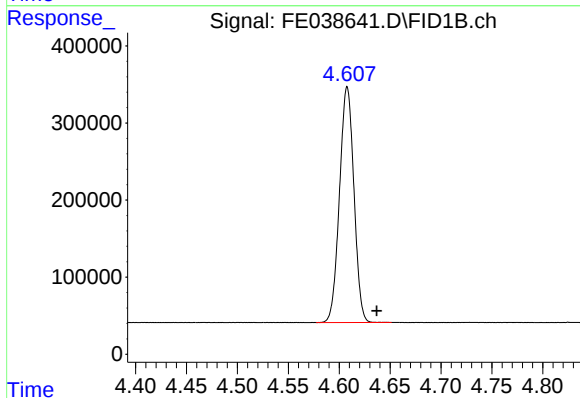




#1 n-Nonane (C9)

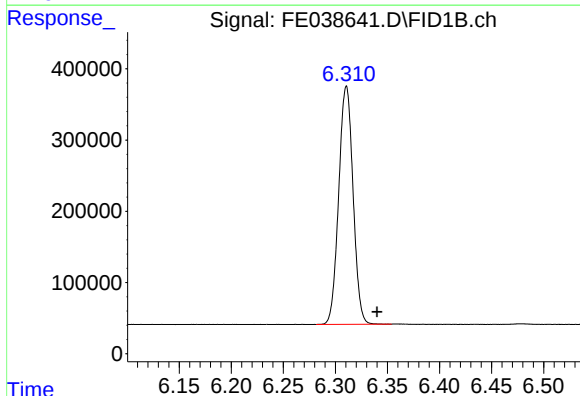
R.T.: 3.359 min
Delta R.T.: -0.031 min
Response: 2950995
Conc: 19.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



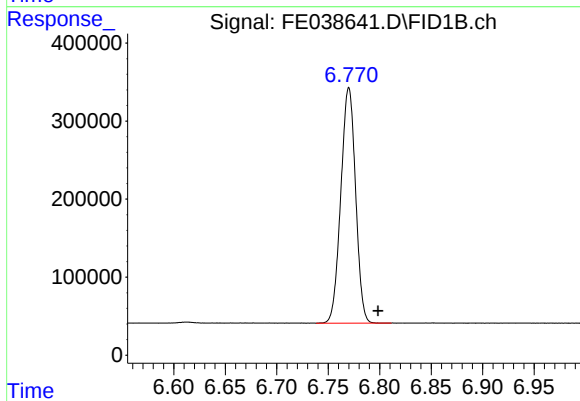
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: -0.029 min
Response: 3014569
Conc: 19.42 ug/ml



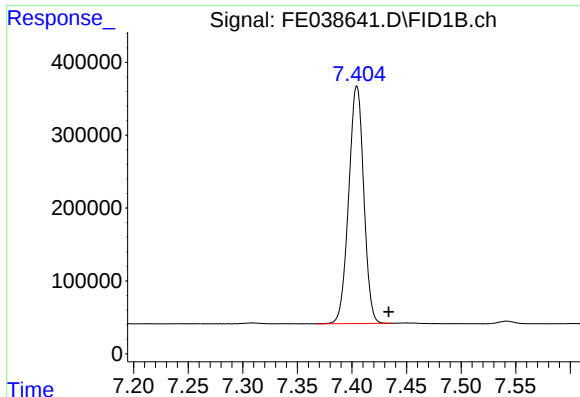
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.029 min
Response: 3206315
Conc: 18.93 ug/ml



#4 n-Dodecane (C12)

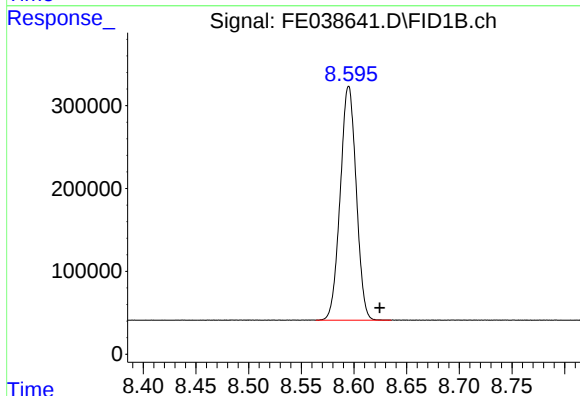
R.T.: 6.770 min
Delta R.T.: -0.028 min
Response: 3012027
Conc: 19.28 ug/ml



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

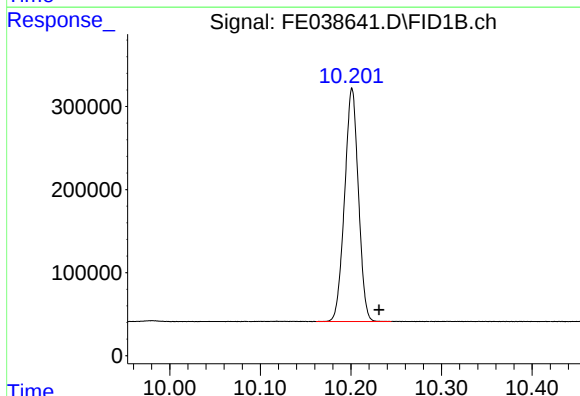
R.T.: 7.405 min
Delta R.T.: -0.029 min
Response: 3126095
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



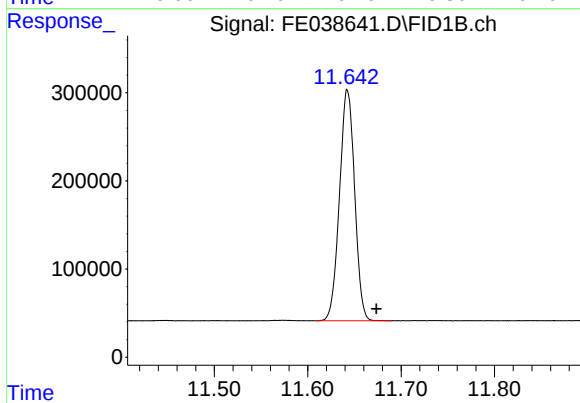
#6 n-Tetradecane (C14)

R.T.: 8.595 min
Delta R.T.: -0.029 min
Response: 2981024
Conc: 19.06 ug/ml



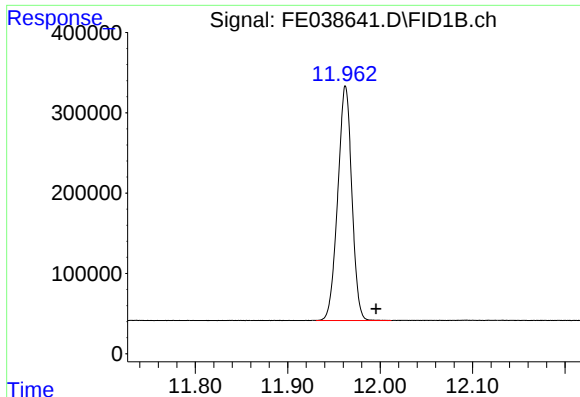
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.030 min
Response: 2976970
Conc: 18.84 ug/ml



#8 n-Octadecane (C18)

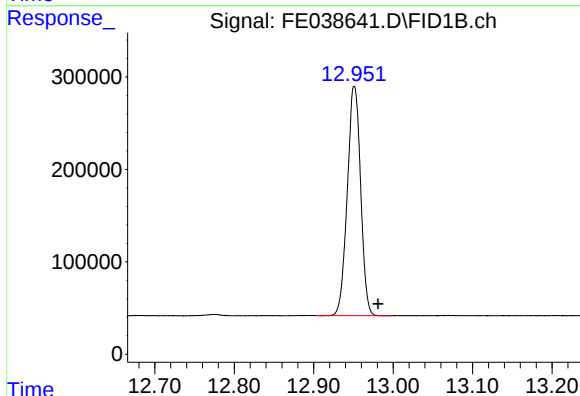
R.T.: 11.643 min
Delta R.T.: -0.031 min
Response: 2955643
Conc: 18.45 ug/ml



#9 ortho-Terphenyl (SURR)

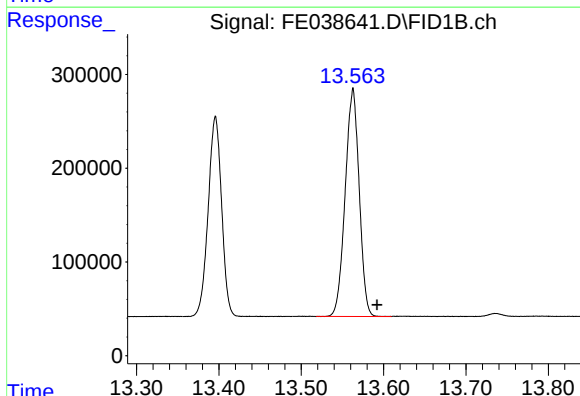
R.T.: 11.963 min
Delta R.T.: -0.033 min
Response: 3085662
Conc: 17.93 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



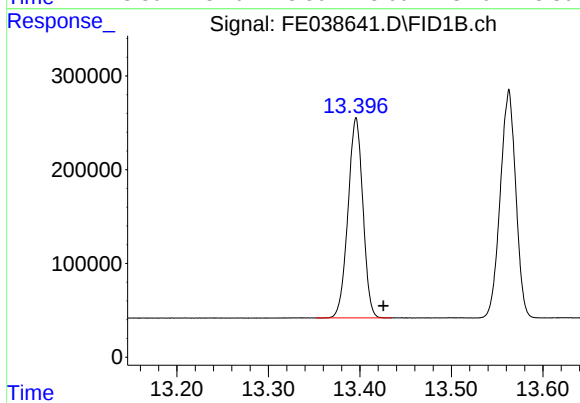
#10 n-Eicosane (C20)

R.T.: 12.951 min
Delta R.T.: -0.030 min
Response: 2896527
Conc: 17.98 ug/ml



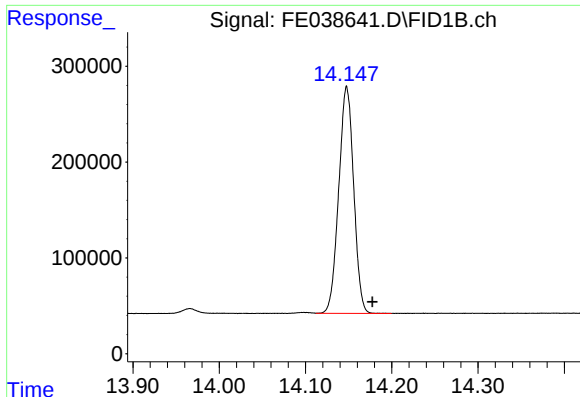
#11 n-Heneicosane (C21)

R.T.: 13.563 min
Delta R.T.: -0.029 min
Response: 2868238
Conc: 17.76 ug/ml



#12 1-chlorooctadecane (SURR)

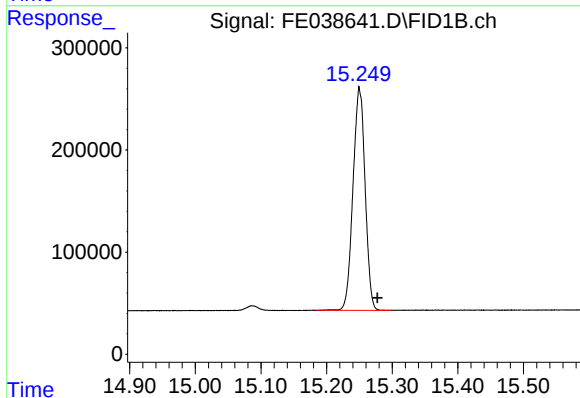
R.T.: 13.396 min
Delta R.T.: -0.030 min
Response: 2416858
Conc: 17.65 ug/ml



#13 n-Docosane (C22)

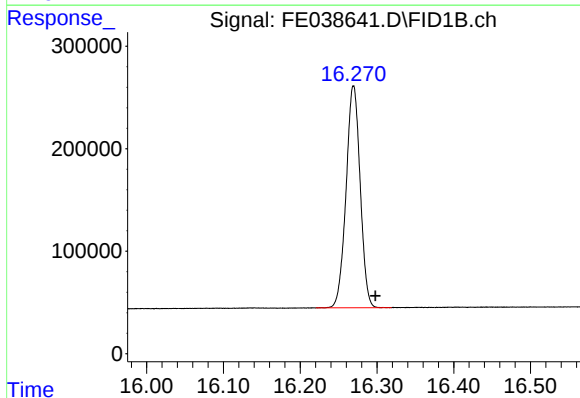
R.T.: 14.148 min
Delta R.T.: -0.030 min
Response: 2848032
Conc: 17.64 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



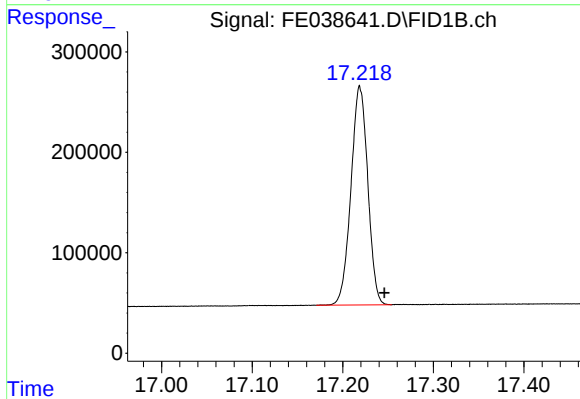
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.027 min
Response: 2798220
Conc: 17.45 ug/ml



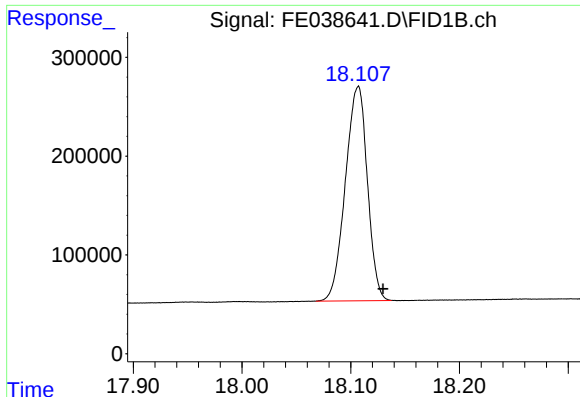
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: -0.029 min
Response: 2765154
Conc: 17.41 ug/ml



#16 n-Octacosane (C28)

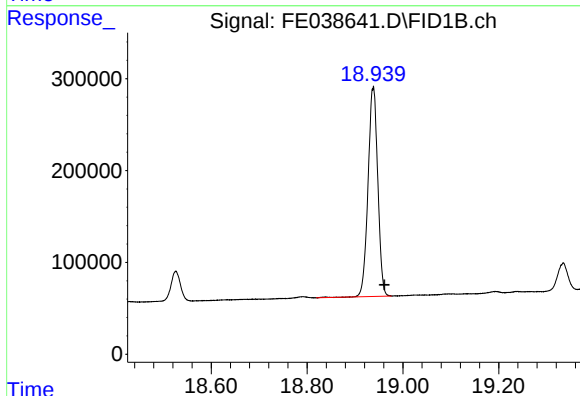
R.T.: 17.219 min
Delta R.T.: -0.027 min
Response: 2809517
Conc: 17.91 ug/ml



#17 n-Tricontane (C30)

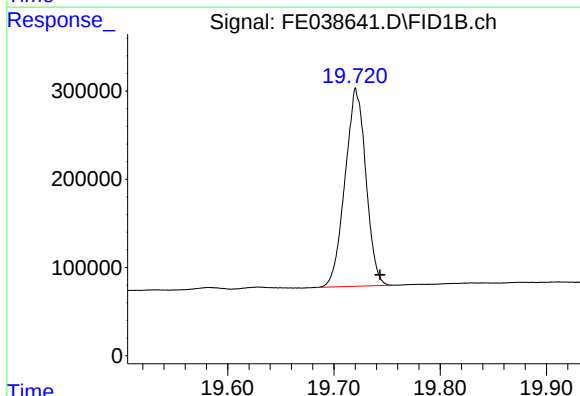
R.T.: 18.107 min
Delta R.T.: -0.023 min
Response: 3057650
Conc: 19.16 ug/ml

Instrument :
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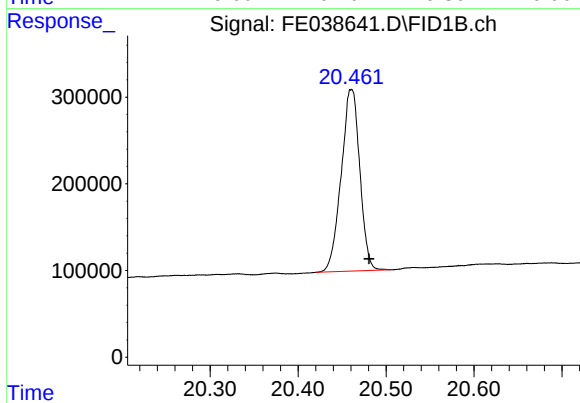
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.023 min
Response: 3208510
Conc: 20.35 ug/ml



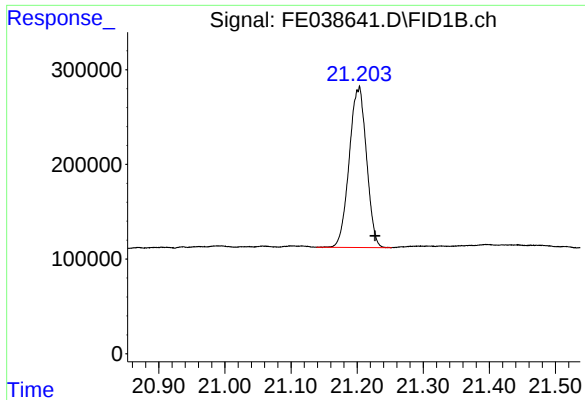
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: -0.023 min
Response: 3059453
Conc: 20.75 ug/ml m



#20 n-Hexatriacontane (C36)

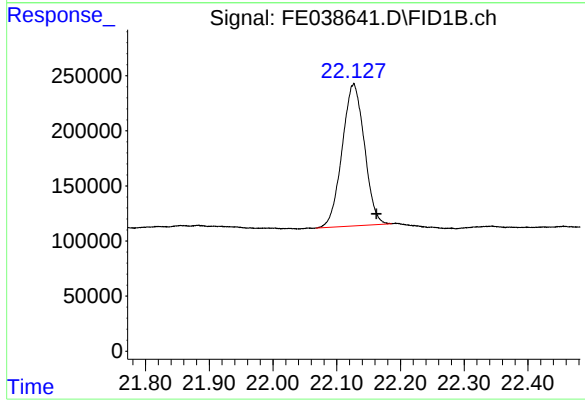
R.T.: 20.461 min
Delta R.T.: -0.020 min
Response: 3079043
Conc: 21.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.024 min
Response: 3074567
Conc: 22.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: -0.035 min
Response: 3124391
Conc: 24.75 ug/ml m