

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110822AL\
 Data File : FE038659.D
 Signal(s) : FID1B.ch
 Acq On : 09 Nov 2022 01:27
 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 04:07:41 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)	11.964	3105934	18.050 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
12) S 1-chlorooctadecane (S...	13.398	2438563	17.813 ug/ml
Spiked Amount 50.000		Recovery =	35.63%
Target Compounds			
1) T n-Nonane (C9)	3.360	2996101	19.454 ug/ml
2) T n-Decane (C10)	4.609	3055079	19.682 ug/ml
3) T A~Naphthalene (C11.7)	6.313	3248469	19.182 ug/ml
4) T n-Dodecane (C12)	6.771	3046781	19.504 ug/ml
5) T A~2-methylnaphthalene...	7.407	3172080	18.928 ug/ml
6) T n-Tetradecane (C14)	8.597	3012329	19.262 ug/ml
7) T n-Hexadecane (C16)	10.203	2993501	18.947 ug/ml
8) T n-Octadecane (C18)	11.645	2968213	18.531 ug/ml
10) T n-Eicosane (C20)	12.952	2910497	18.063 ug/ml
11) T n-Heneicosane (C21)	13.564	2882793	17.846 ug/ml
13) T n-Docosane (C22)	14.150	2868114	17.766 ug/ml
14) T n-Tetracosane (C24)	15.252	2837857	17.693 ug/ml
15) T n-Hexacosane (C26)	16.273	2813876	17.716 ug/ml
16) T n-Octacosane (C28)	17.221	2875209	18.326 ug/ml
17) T n-Tricontane (C30)	18.106	3145827	19.716 ug/mlm
18) T n-Dotriacontane (C32)	18.941	3350230	21.248 ug/ml
19) T n-Tetratriacontane (C34)	19.724	3243481	22.001 ug/mlm
20) T n-Hexatriacontane (C36)	20.463	3276789	22.933 ug/ml
21) T n-Octatriacontane (C38)	21.205	3238516	23.978 ug/ml
22) T n-Tetracontane (C40)	22.133	3304301	26.177 ug/mlm

(f)=RT Delta > 1/2 Window

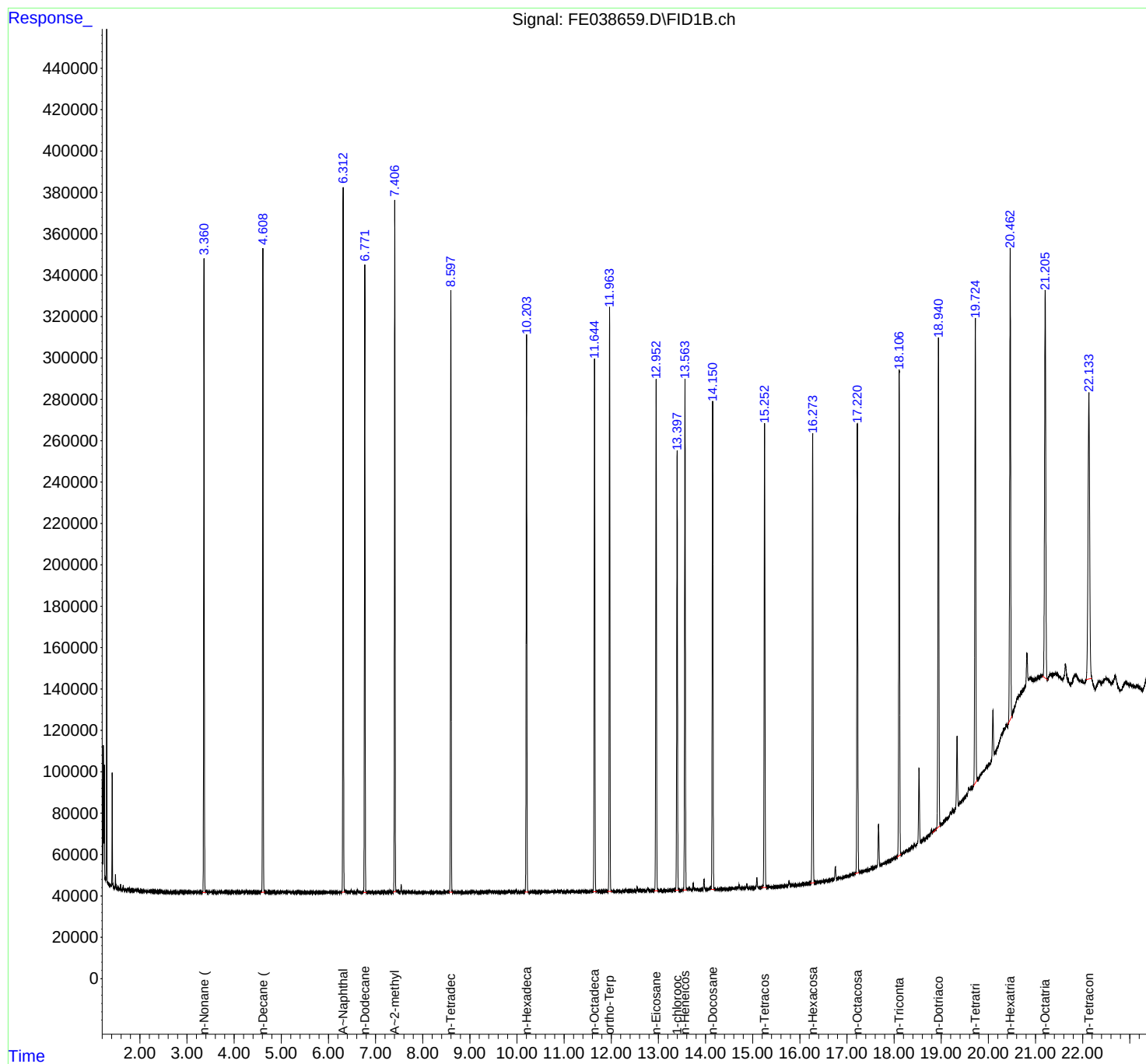
(m)=manual int.

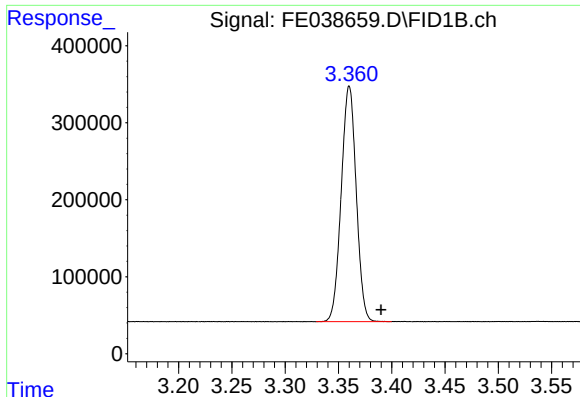
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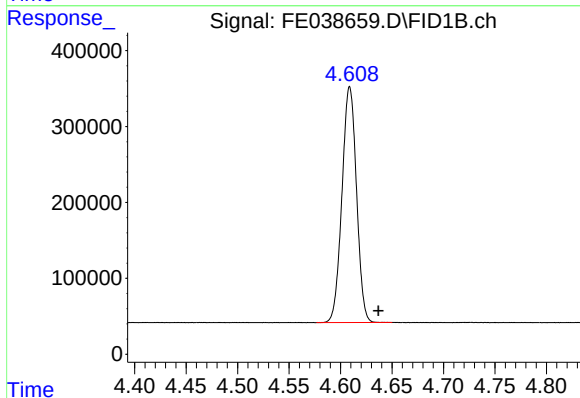




#1 n-Nonane (C9)

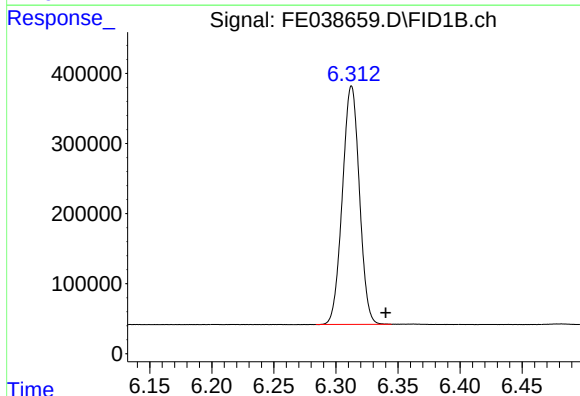
R.T.: 3.360 min
Delta R.T.: -0.030 min
Response: 2996101
Conc: 19.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



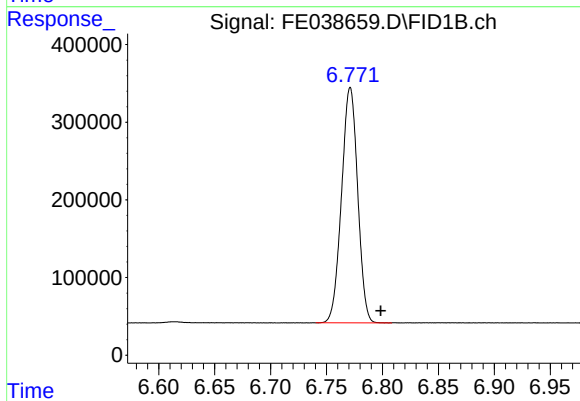
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: -0.028 min
Response: 3055079
Conc: 19.68 ug/ml



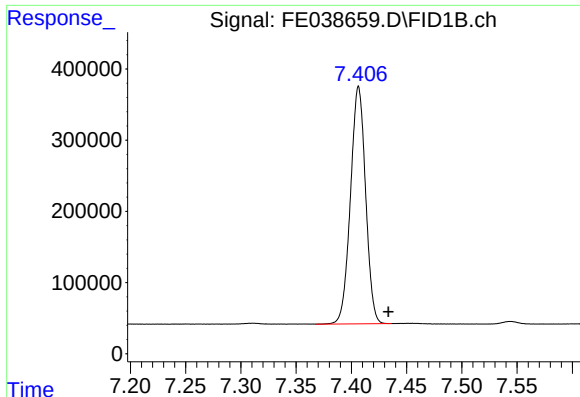
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: -0.027 min
Response: 3248469
Conc: 19.18 ug/ml



#4 n-Dodecane (C12)

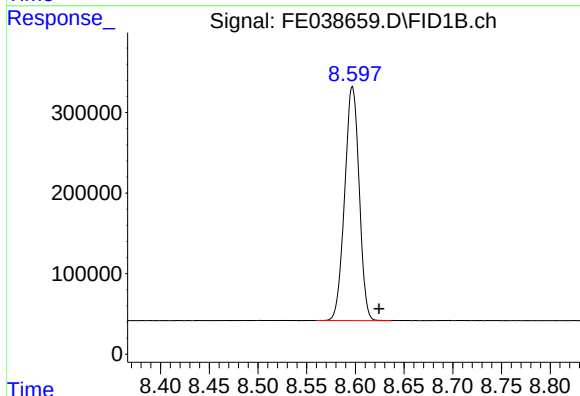
R.T.: 6.771 min
Delta R.T.: -0.027 min
Response: 3046781
Conc: 19.50 ug/ml



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

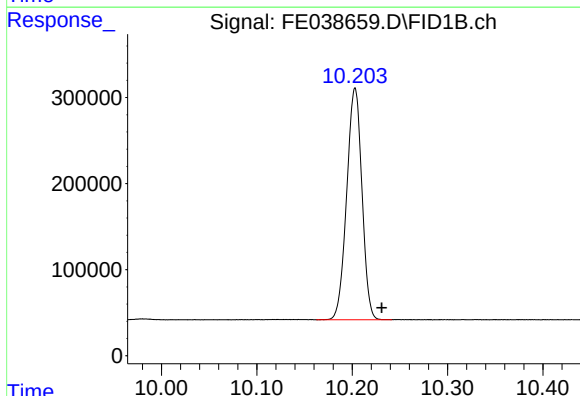
R.T.: 7.407 min
Delta R.T.: -0.027 min
Response: 3172080
Conc: 18.93 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



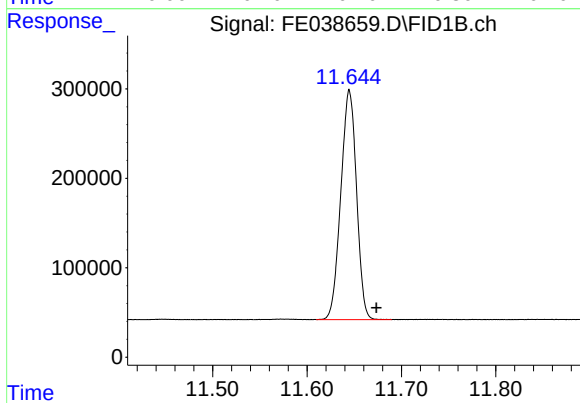
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.027 min
Response: 3012329
Conc: 19.26 ug/ml



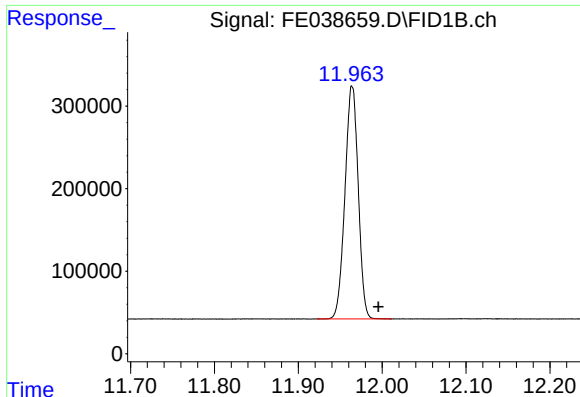
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.028 min
Response: 2993501
Conc: 18.95 ug/ml



#8 n-Octadecane (C18)

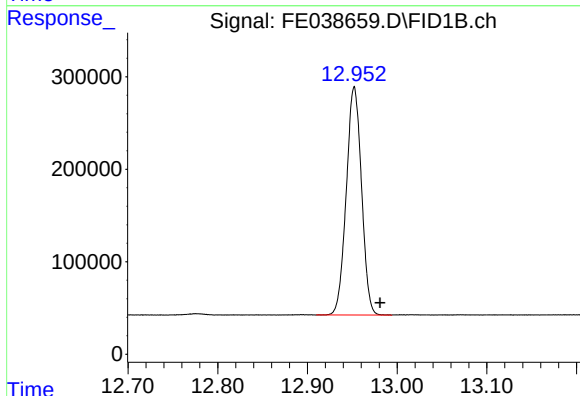
R.T.: 11.645 min
Delta R.T.: -0.029 min
Response: 2968213
Conc: 18.53 ug/ml



#9 ortho-Terphenyl (SURR)

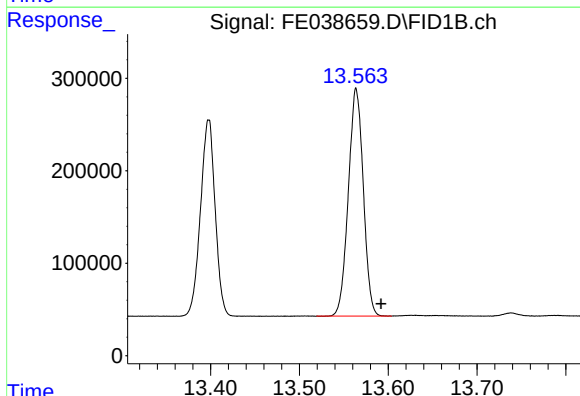
R.T.: 11.964 min
Delta R.T.: -0.031 min
Response: 3105934
Conc: 18.05 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



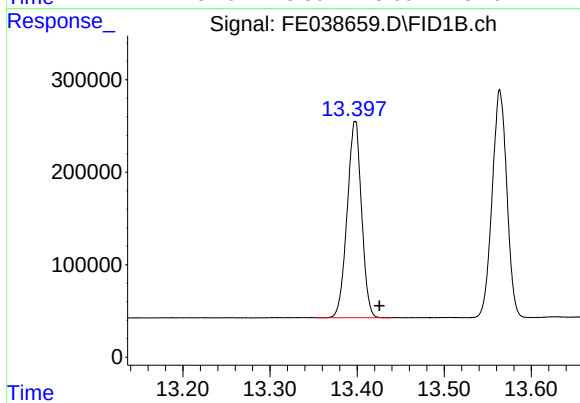
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.029 min
Response: 2910497
Conc: 18.06 ug/ml



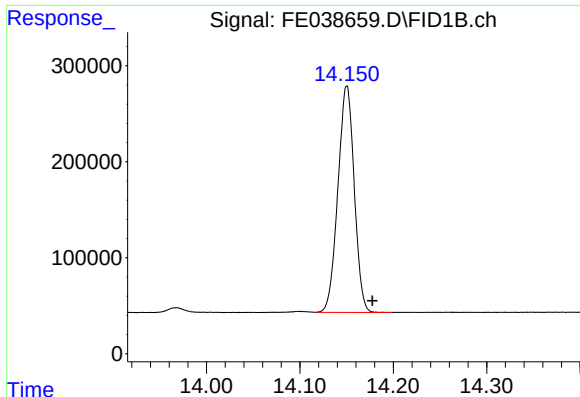
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: -0.028 min
Response: 2882793
Conc: 17.85 ug/ml



#12 1-chlorooctadecane (SURR)

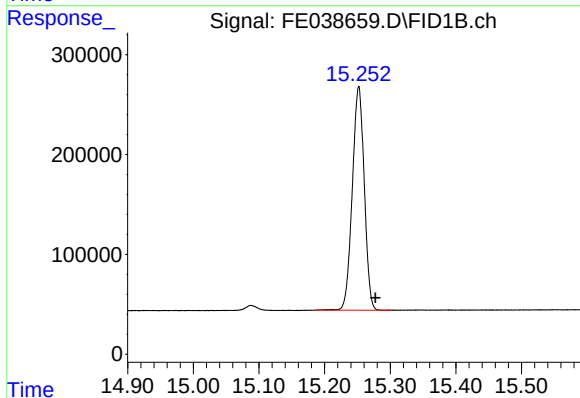
R.T.: 13.398 min
Delta R.T.: -0.028 min
Response: 2438563
Conc: 17.81 ug/ml



#13 n-Docosane (C22)

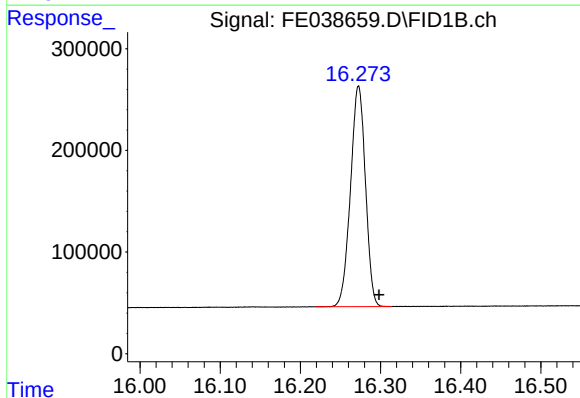
R.T.: 14.150 min
Delta R.T.: -0.027 min
Response: 2868114
Conc: 17.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



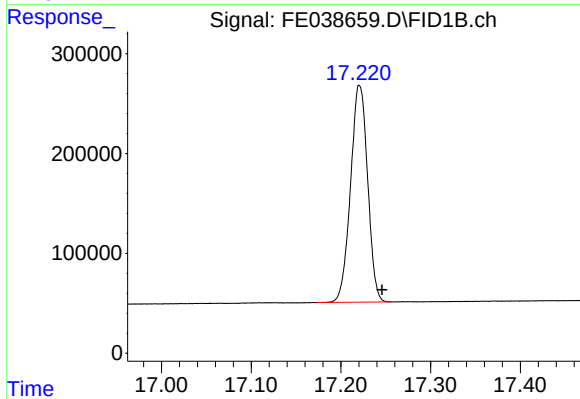
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: -0.025 min
Response: 2837857
Conc: 17.69 ug/ml



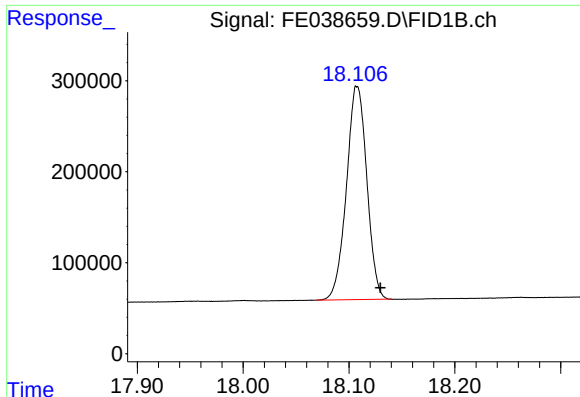
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.026 min
Response: 2813876
Conc: 17.72 ug/ml



#16 n-Octacosane (C28)

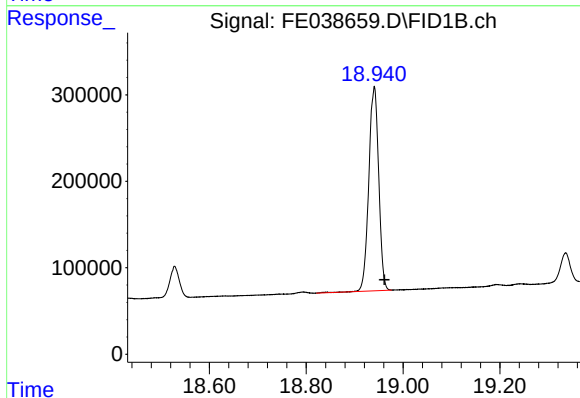
R.T.: 17.221 min
Delta R.T.: -0.025 min
Response: 2875209
Conc: 18.33 ug/ml



#17 n-Tricontane (C30)

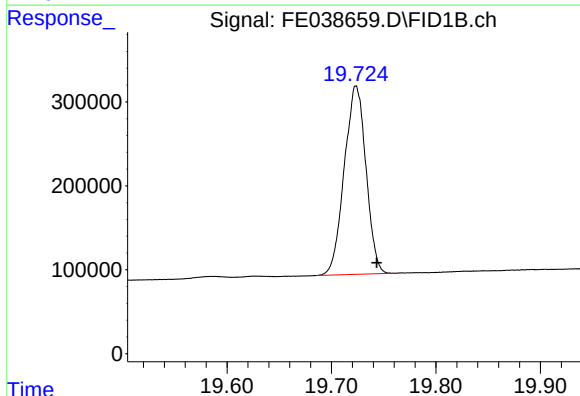
R.T.: 18.106 min
Delta R.T.: -0.024 min
Response: 3145827
Conc: 19.72 ug/ml

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20 PPM ALIPHATIC HC STD



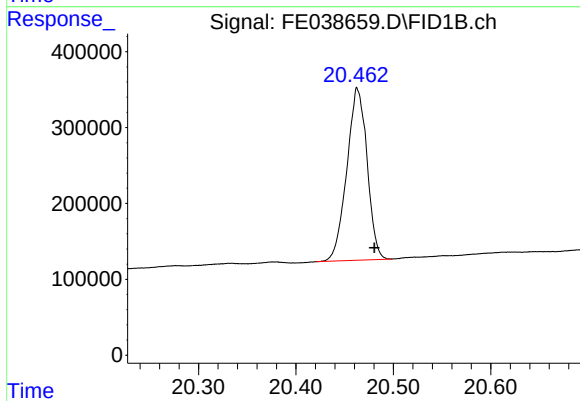
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.021 min
Response: 3350230
Conc: 21.25 ug/ml



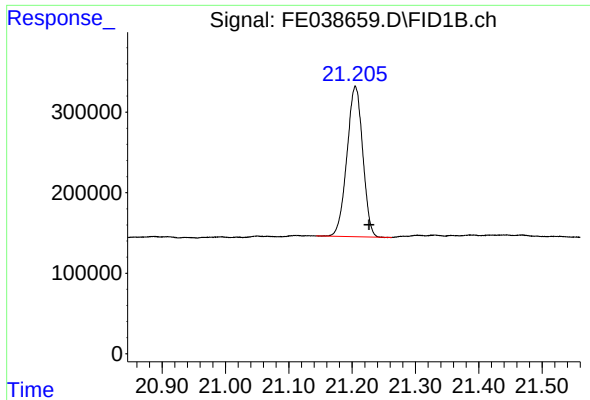
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.020 min
Response: 3243481
Conc: 22.00 ug/ml m



#20 n-Hexatriacontane (C36)

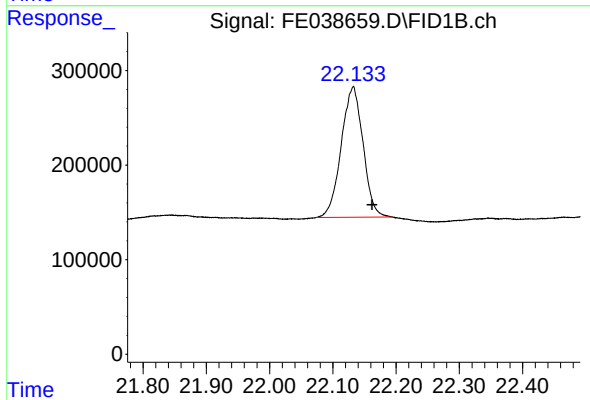
R.T.: 20.463 min
Delta R.T.: -0.018 min
Response: 3276789
Conc: 22.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: -0.022 min
Response: 3238516
Conc: 23.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.029 min
Response: 3304301
Conc: 26.18 ug/ml m