

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111622AL\
 Data File : FE038790.D
 Signal(s) : FID1B.ch
 Acq On : 16 Nov 2022 09:18
 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 17 03:32:11 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)	11.961	2840402	16.507 ug/ml
Spiked Amount 50.000		Recovery =	33.01%
12) S 1-chlorooctadecane (S...	13.395	2210349	16.146 ug/ml
Spiked Amount 50.000		Recovery =	32.29%
Target Compounds			
1) T n-Nonane (C9)	3.353	2646140	17.181 ug/ml
2) T n-Decane (C10)	4.603	2722750	17.541 ug/ml
3) T A~Naphthalene (C11.7)	6.307	2938557	17.352 ug/ml
4) T n-Dodecane (C12)	6.766	2713484	17.370 ug/ml
5) T A~2-methylnaphthalene...	7.402	2862432	17.080 ug/ml
6) T n-Tetradecane (C14)	8.592	2699517	17.262 ug/ml
7) T n-Hexadecane (C16)	10.199	2713234	17.174 ug/ml
8) T n-Octadecane (C18)	11.641	2711902	16.930 ug/ml
10) T n-Eicosane (C20)	12.950	2665930	16.546 ug/ml
11) T n-Heneicosane (C21)	13.562	2642079	16.356 ug/ml
13) T n-Docosane (C22)	14.149	2633296	16.311 ug/ml
14) T n-Tetracosane (C24)	15.251	2602158	16.223 ug/ml
15) T n-Hexacosane (C26)	16.273	2562863	16.135 ug/ml
16) T n-Octacosane (C28)	17.221	2592704	16.526 ug/ml
17) T n-Tricontane (C30)	18.108	2740363	17.175 ug/ml
18) T n-Dotriacontane (C32)	18.942	2935821	18.620 ug/ml
19) T n-Tetratriacontane (C34)	19.726	2713963	18.409 ug/ml
20) T n-Hexatriacontane (C36)	20.466	2876848	20.134 ug/ml
21) T n-Octatriacontane (C38)	21.208	2835725	20.995 ug/ml
22) T n-Tetracontane (C40)	22.134	2933419	23.239 ug/ml

(f)=RT Delta > 1/2 Window

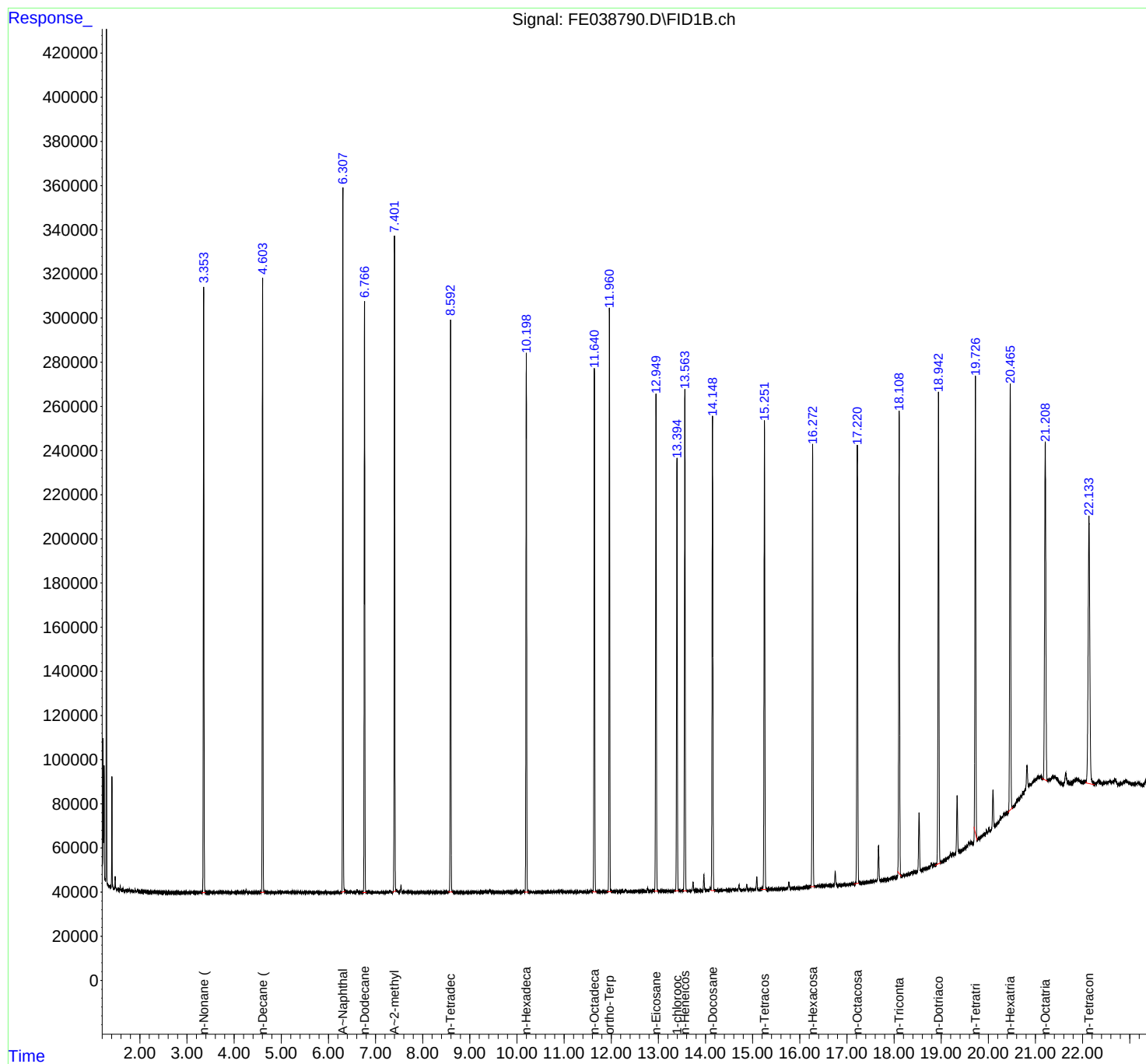
(m)=manual int.

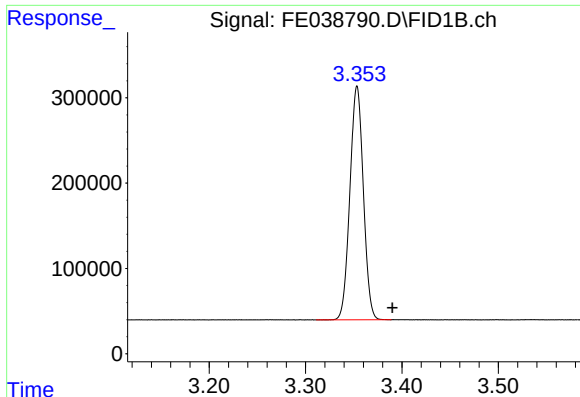
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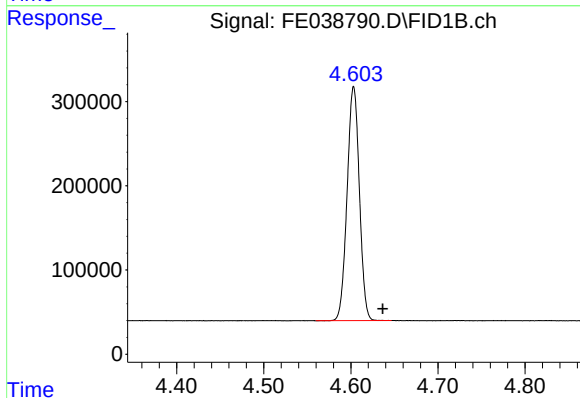




#1 n-Nonane (C9)

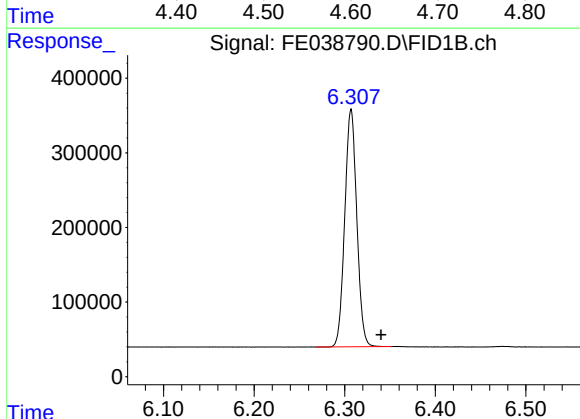
R.T.: 3.353 min
Delta R.T.: -0.037 min
Response: 2646140
Conc: 17.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



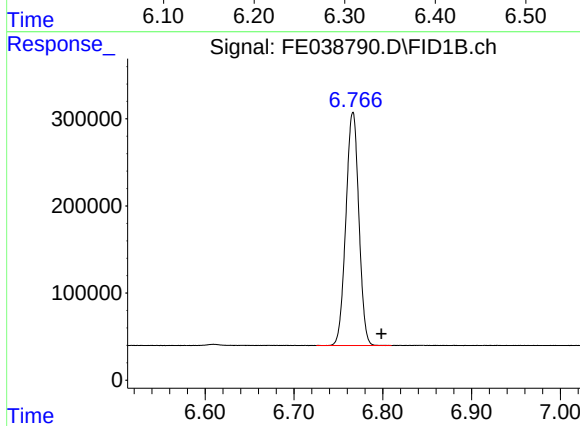
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: -0.034 min
Response: 2722750
Conc: 17.54 ug/ml



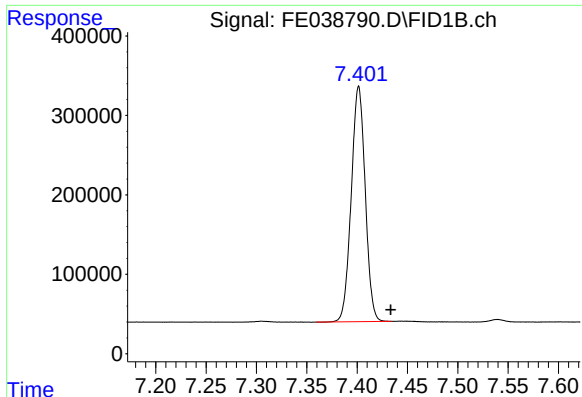
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.033 min
Response: 2938557
Conc: 17.35 ug/ml



#4 n-Dodecane (C12)

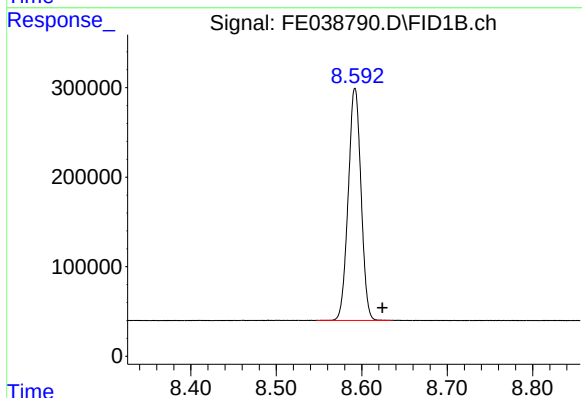
R.T.: 6.766 min
Delta R.T.: -0.032 min
Response: 2713484
Conc: 17.37 ug/ml



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

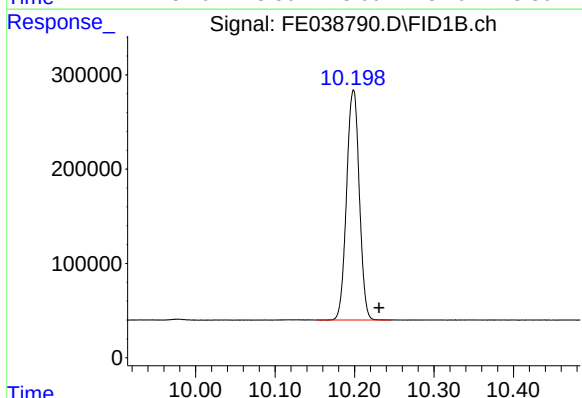
R.T.: 7.402 min
Delta R.T.: -0.032 min
Response: 2862432
Conc: 17.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



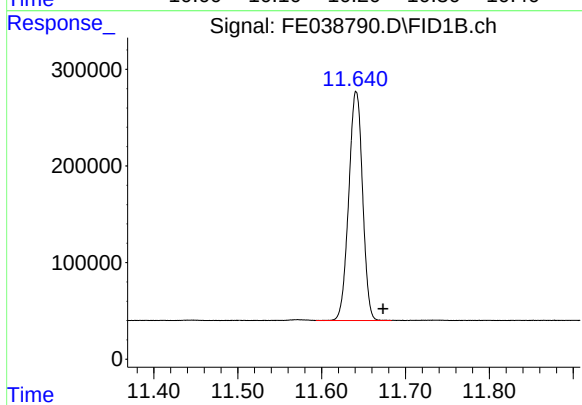
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: -0.032 min
Response: 2699517
Conc: 17.26 ug/ml



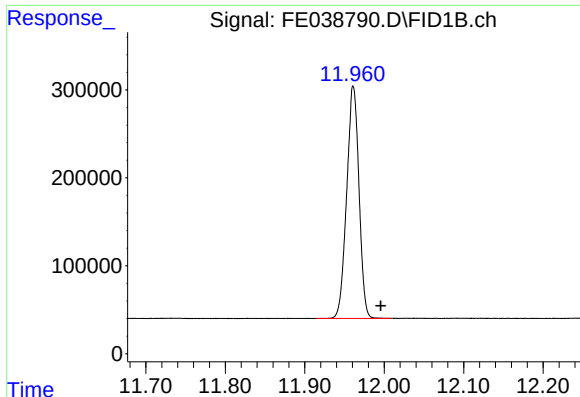
#7 n-Hexadecane (C16)

R.T.: 10.199 min
Delta R.T.: -0.032 min
Response: 2713234
Conc: 17.17 ug/ml



#8 n-Octadecane (C18)

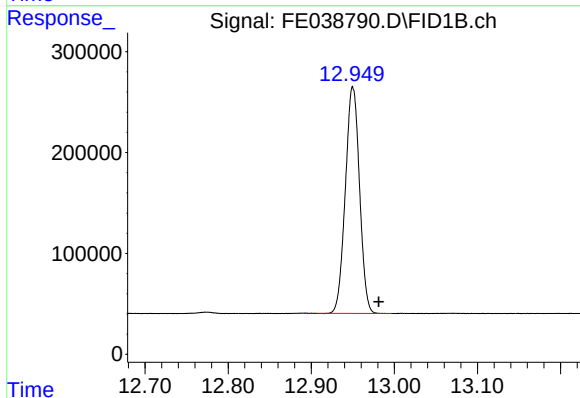
R.T.: 11.641 min
Delta R.T.: -0.032 min
Response: 2711902
Conc: 16.93 ug/ml



#9 ortho-Terphenyl (SURR)

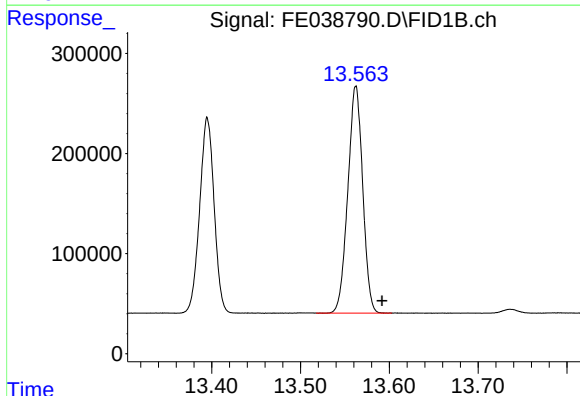
R.T.: 11.961 min
Delta R.T.: -0.034 min
Response: 2840402
Conc: 16.51 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



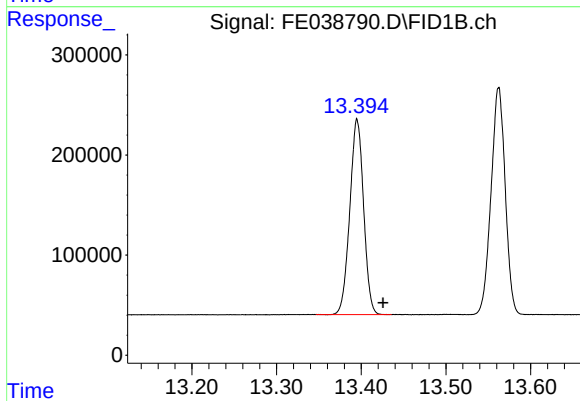
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.031 min
Response: 2665930
Conc: 16.55 ug/ml



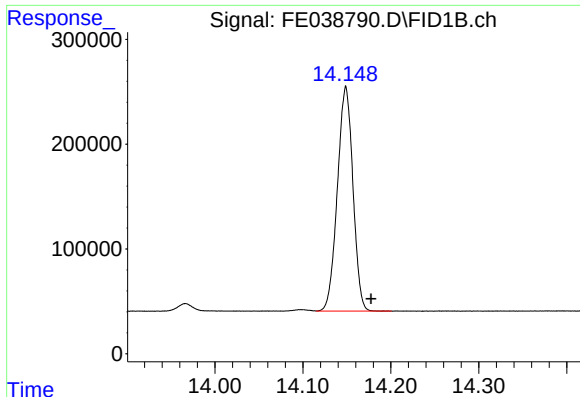
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.030 min
Response: 2642079
Conc: 16.36 ug/ml



#12 1-chlorooctadecane (SURR)

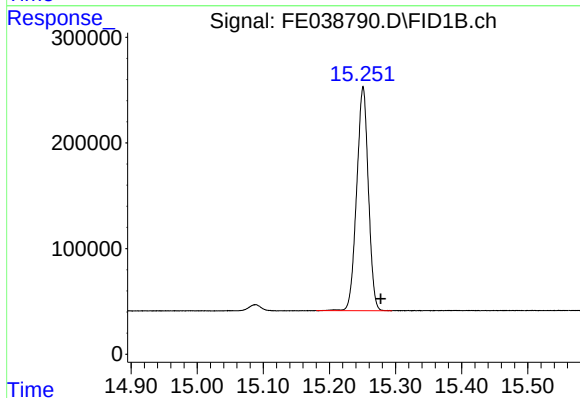
R.T.: 13.395 min
Delta R.T.: -0.031 min
Response: 2210349
Conc: 16.15 ug/ml



#13 n-Docosane (C22)

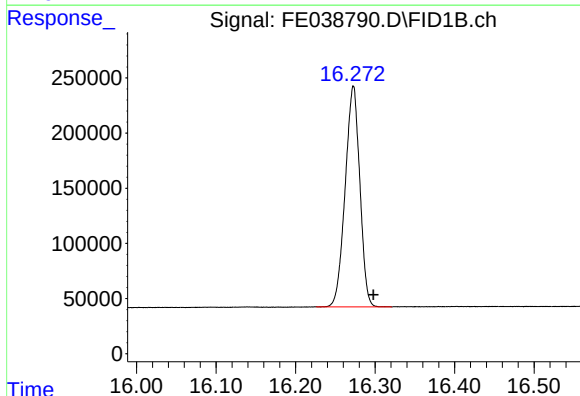
R.T.: 14.149 min
Delta R.T.: -0.029 min
Response: 2633296
Conc: 16.31 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



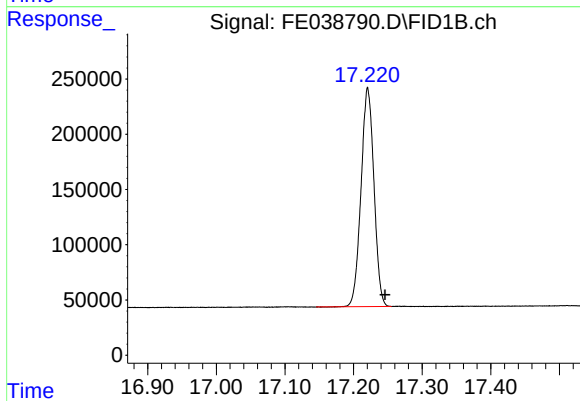
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.026 min
Response: 2602158
Conc: 16.22 ug/ml



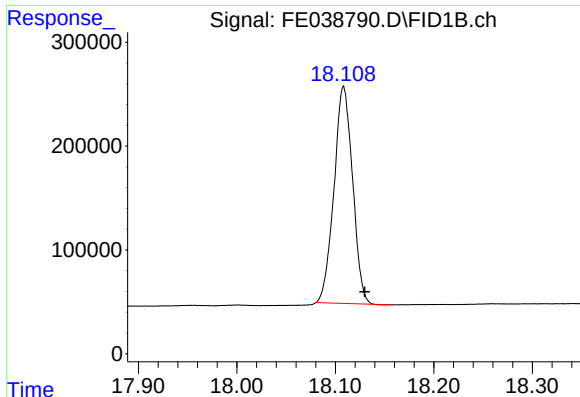
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.025 min
Response: 2562863
Conc: 16.14 ug/ml



#16 n-Octacosane (C28)

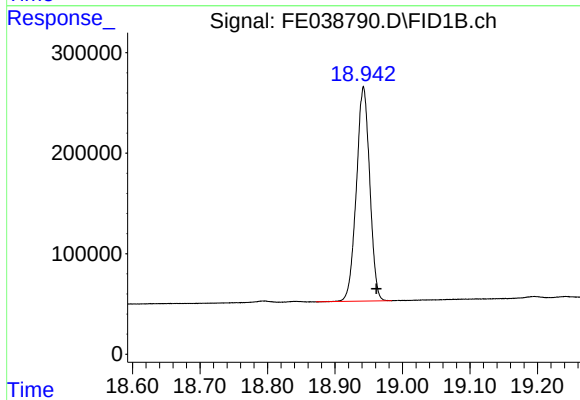
R.T.: 17.221 min
Delta R.T.: -0.025 min
Response: 2592704
Conc: 16.53 ug/ml



#17 n-Tricontane (C30)

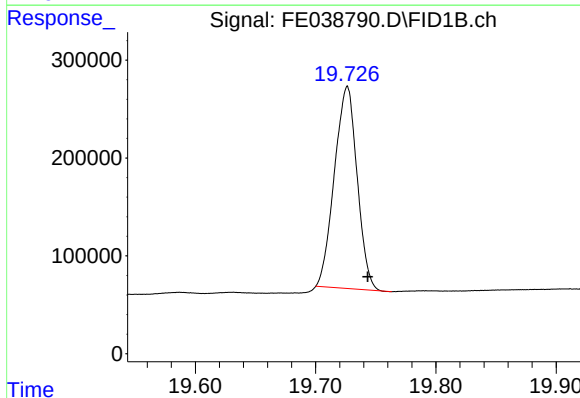
R.T.: 18.108 min
Delta R.T.: -0.021 min
Response: 2740363
Conc: 17.17 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



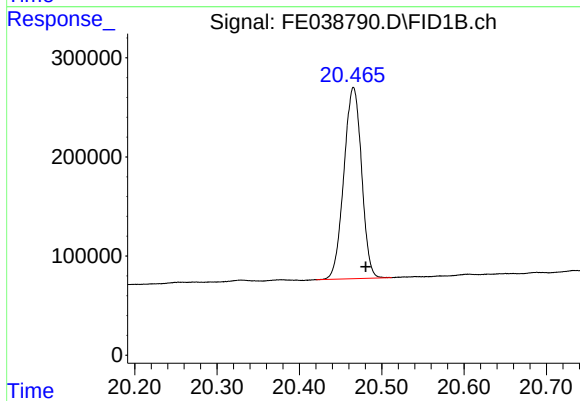
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.019 min
Response: 2935821
Conc: 18.62 ug/ml



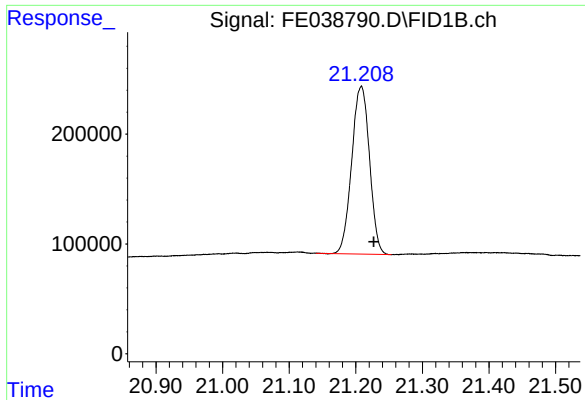
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.017 min
Response: 2713963
Conc: 18.41 ug/ml



#20 n-Hexatriacontane (C36)

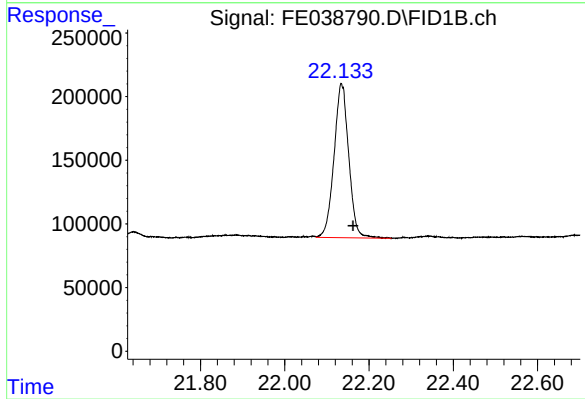
R.T.: 20.466 min
Delta R.T.: -0.015 min
Response: 2876848
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 2835725
Conc: 21.00 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.134 min
Delta R.T.: -0.028 min
Response: 2933419
Conc: 23.24 ug/ml