

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112122AL\
 Data File : FE038875.D
 Signal(s) : FID1B.ch
 Acq On : 21 Nov 2022 20:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 22 05:14:25 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	2727148	17.433 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
12) S 1-chlorooctadecane (S...	13.386	2060446	17.065 ug/ml
Spiked Amount 50.000		Recovery =	34.13%
Target Compounds			
1) T n-Nonane (C9)	3.349	2454573	17.317 ug/ml
2) T n-Decane (C10)	4.598	2414663	17.325 ug/ml
3) T A~Naphthalene (C11.7)	6.300	2776937	17.459 ug/ml
4) T n-Dodecane (C12)	6.761	2439766	17.308 ug/ml
5) T A~2-methylnaphthalene...	7.394	2598861	17.364 ug/ml
6) T n-Tetradecane (C14)	8.586	2464986	17.259 ug/ml
7) T n-Hexadecane (C16)	10.192	2530882	17.310 ug/ml
8) T n-Octadecane (C18)	11.633	2555985	17.370 ug/ml
10) T n-Eicosane (C20)	12.942	2460440	17.332 ug/ml
11) T n-Heneicosane (C21)	13.554	2458639	17.302 ug/ml
13) T n-Docosane (C22)	14.139	2419451	17.308 ug/ml
14) T n-Tetracosane (C24)	15.242	2383752	17.260 ug/ml
15) T n-Hexacosane (C26)	16.263	2323463	17.299 ug/ml
16) T n-Octacosane (C28)	17.211	2302893	17.341 ug/ml
17) T n-Tricontane (C30)	18.098	2291246	17.350 ug/ml
18) T n-Dotriacontane (C32)	18.931	2319667	17.393 ug/ml
19) T n-Tetratriacontane (C34)	19.715	2322356	17.551 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2271383	17.680 ug/ml
21) T n-Octatriacontane (C38)	21.196	2331859	17.796 ug/ml
22) T n-Tetracontane (C40)	22.115	2357947	17.316 ug/ml

(f)=RT Delta > 1/2 Window

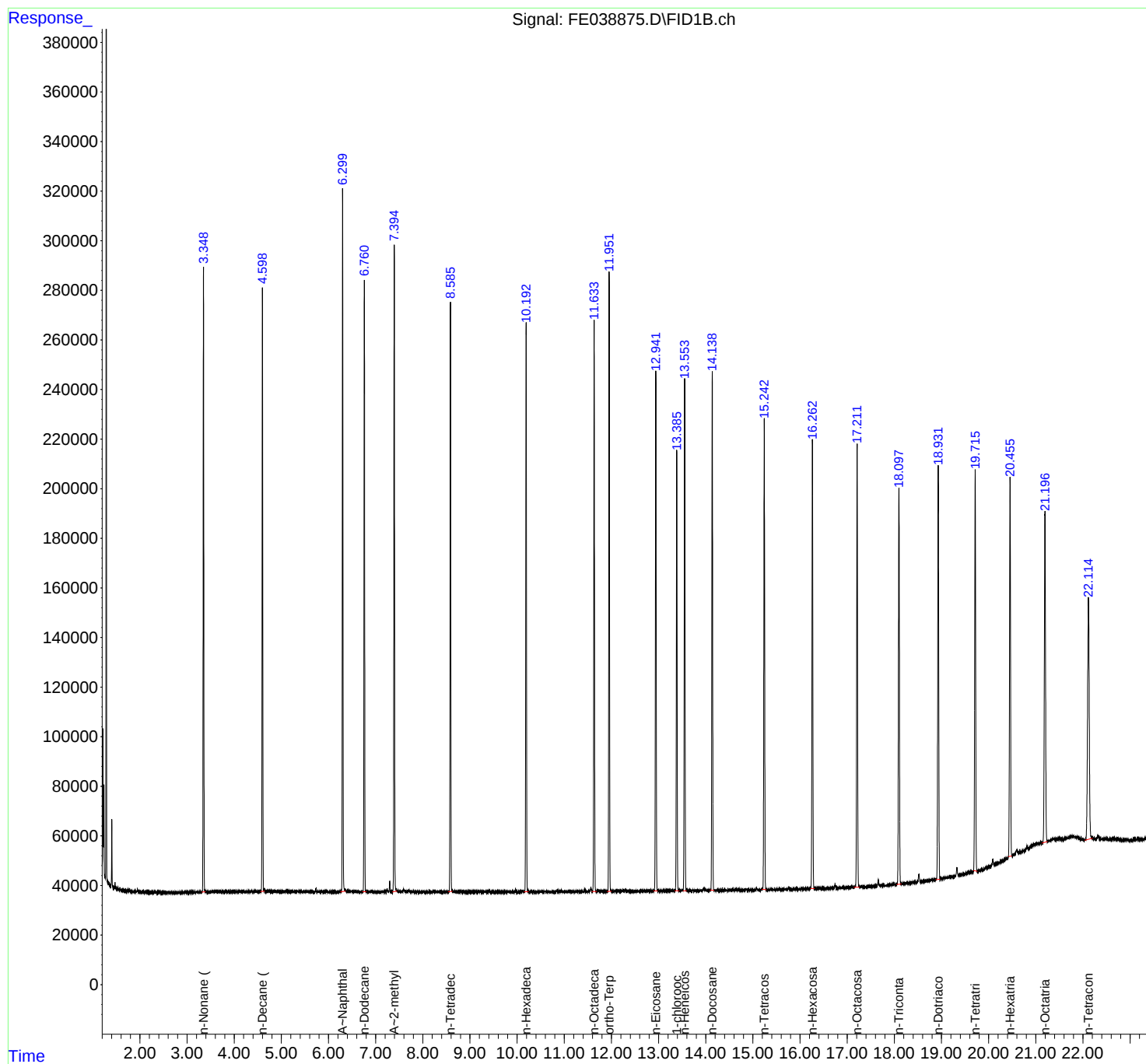
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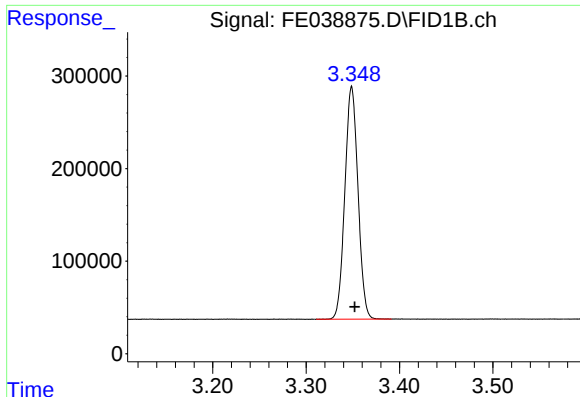
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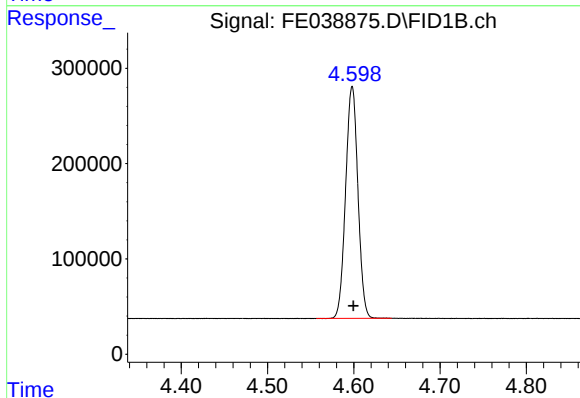




#1 n-Nonane (C9)

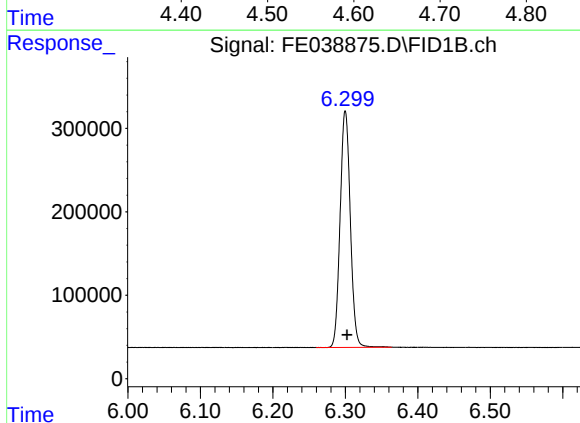
R.T.: 3.349 min
Delta R.T.: -0.003 min
Response: 2454573
Conc: 17.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



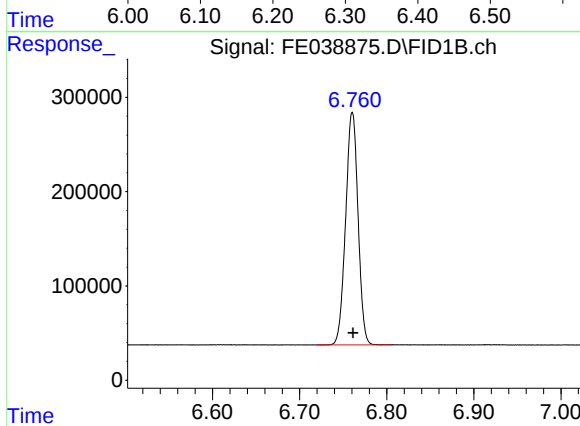
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.001 min
Response: 2414663
Conc: 17.32 ug/ml



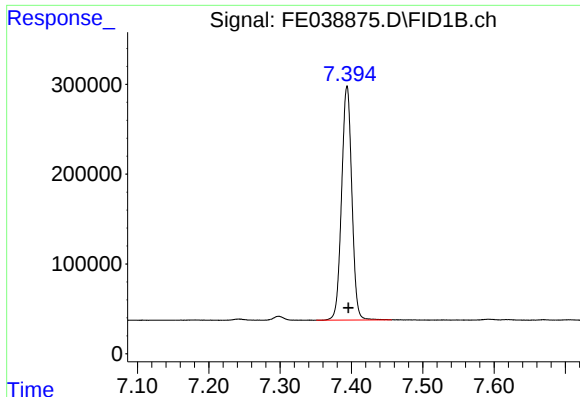
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: -0.002 min
Response: 2776937
Conc: 17.46 ug/ml



#4 n-Dodecane (C12)

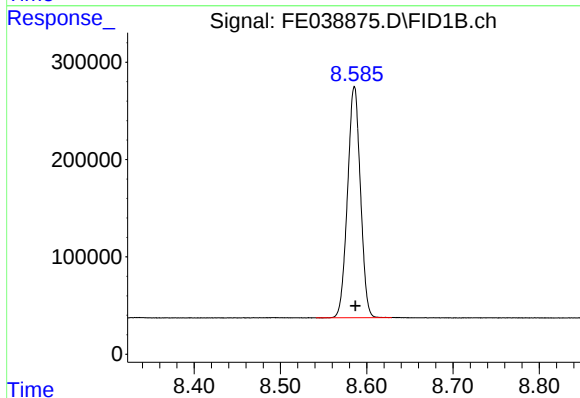
R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 2439766
Conc: 17.31 ug/ml



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

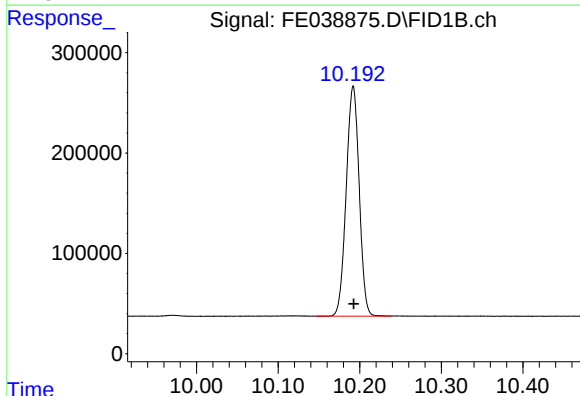
R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 2598861
Conc: 17.36 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



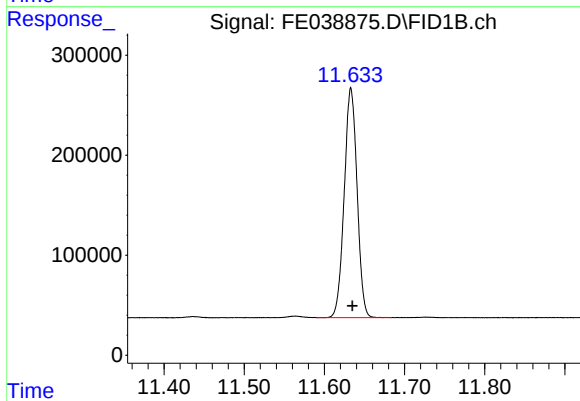
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: -0.001 min
Response: 2464986
Conc: 17.26 ug/ml



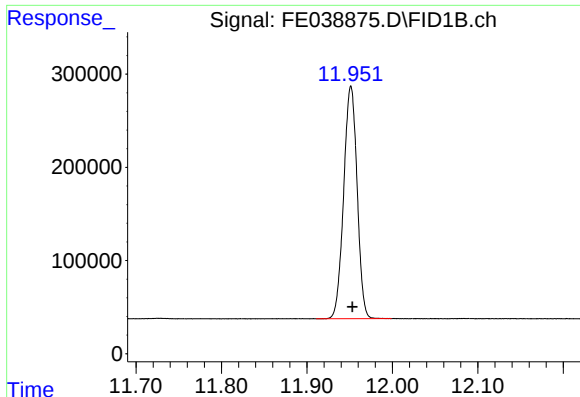
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: 0.000 min
Response: 2530882
Conc: 17.31 ug/ml



#8 n-Octadecane (C18)

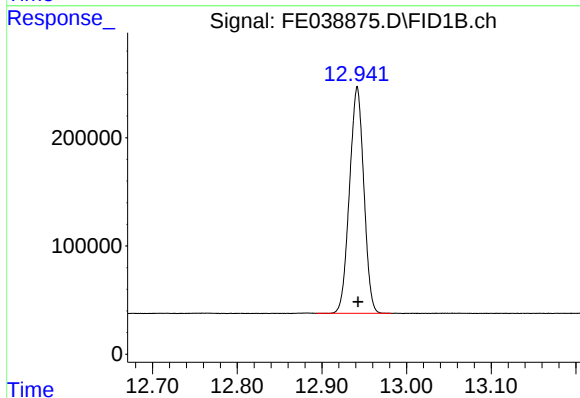
R.T.: 11.633 min
Delta R.T.: -0.002 min
Response: 2555985
Conc: 17.37 ug/ml



#9 ortho-Terphenyl (SURR)

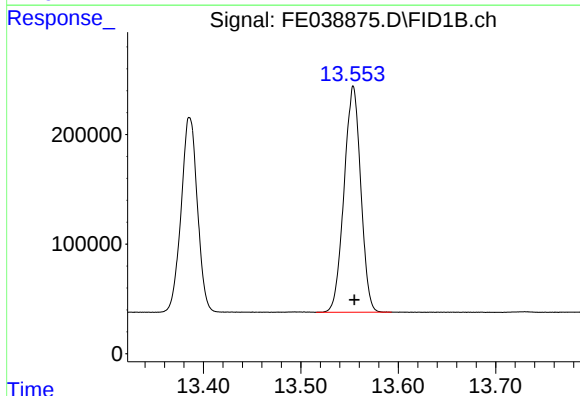
R.T.: 11.952 min
Delta R.T.: -0.002 min
Response: 2727148
Conc: 17.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



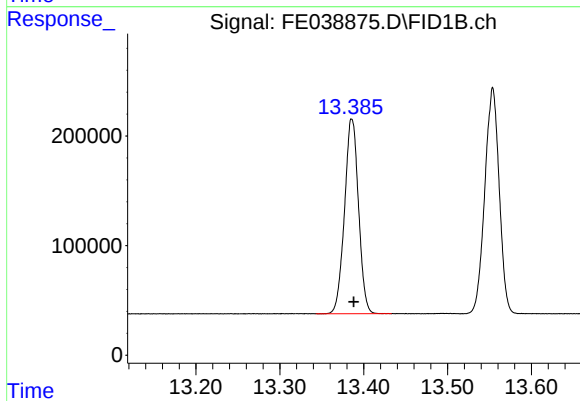
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.000 min
Response: 2460440
Conc: 17.33 ug/ml



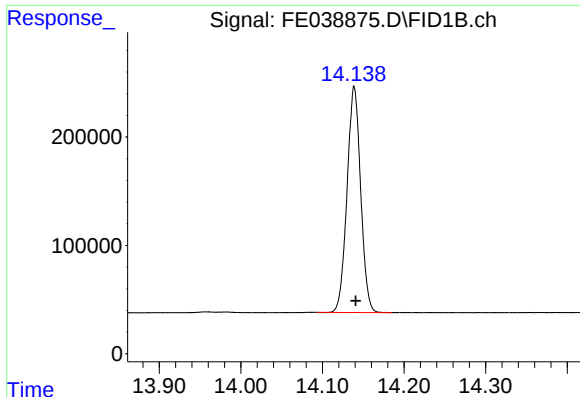
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.000 min
Response: 2458639
Conc: 17.30 ug/ml



#12 1-chlorooctadecane (SURR)

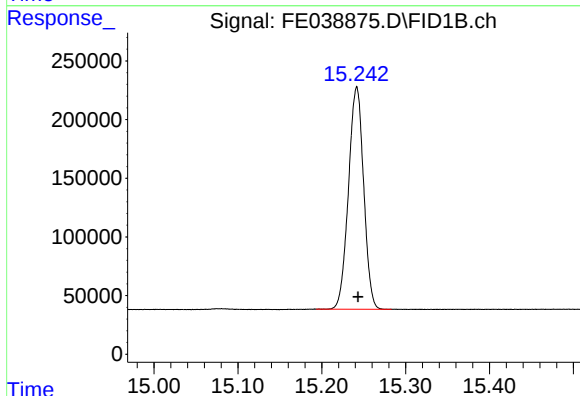
R.T.: 13.386 min
Delta R.T.: -0.002 min
Response: 2060446
Conc: 17.07 ug/ml



#13 n-Docosane (C22)

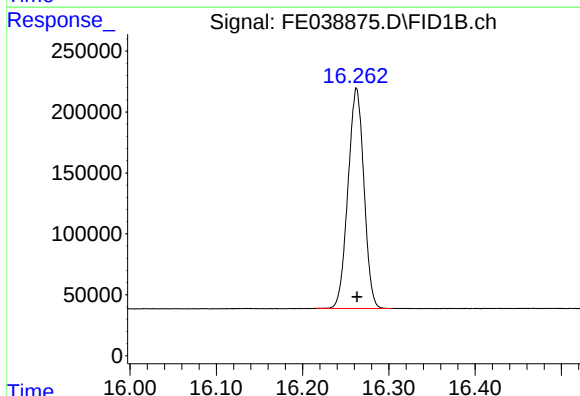
R.T.: 14.139 min
Delta R.T.: -0.002 min
Response: 2419451
Conc: 17.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



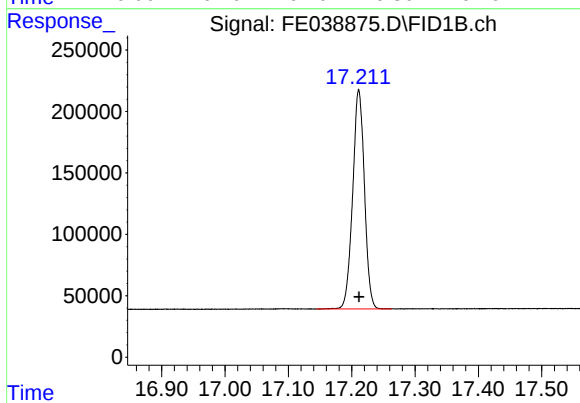
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.002 min
Response: 2383752
Conc: 17.26 ug/ml



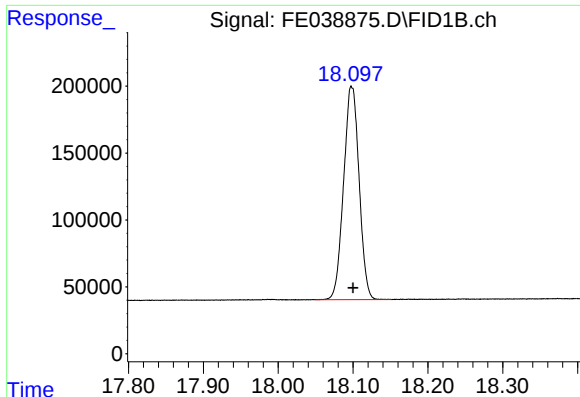
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: 0.000 min
Response: 2323463
Conc: 17.30 ug/ml



#16 n-Octacosane (C28)

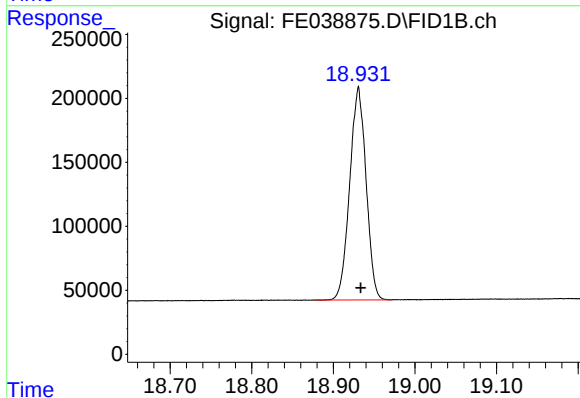
R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 2302893
Conc: 17.34 ug/ml



#17 n-Tricontane (C30)

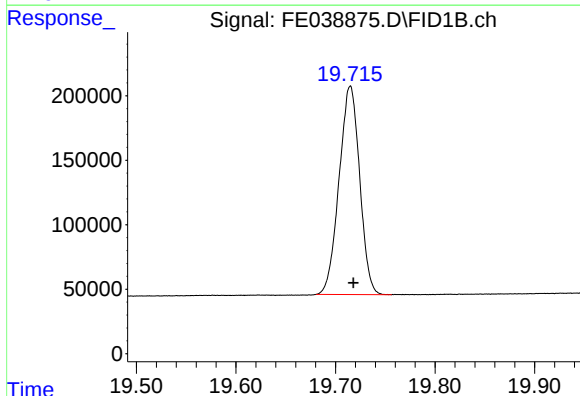
R.T.: 18.098 min
Delta R.T.: -0.002 min
Response: 2291246
Conc: 17.35 ug/ml

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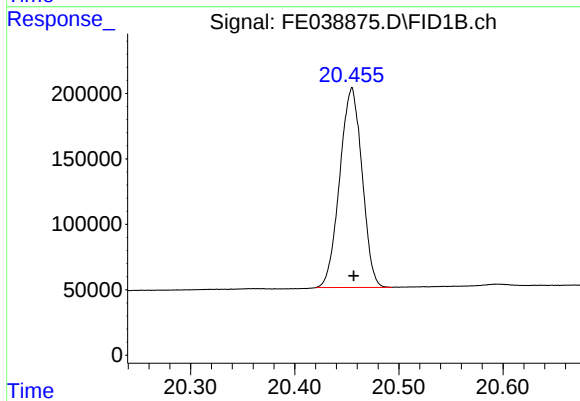
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: -0.003 min
Response: 2319667
Conc: 17.39 ug/ml



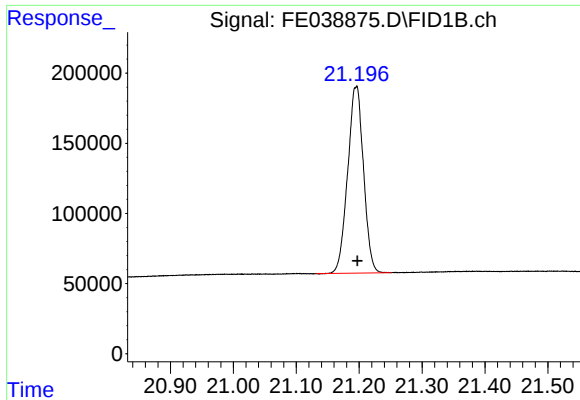
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.003 min
Response: 2322356
Conc: 17.55 ug/ml



#20 n-Hexatriacontane (C36)

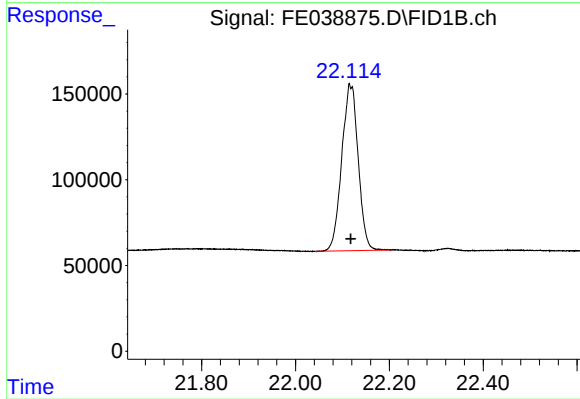
R.T.: 20.455 min
Delta R.T.: -0.002 min
Response: 2271383
Conc: 17.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.002 min
Response: 2331859
Conc: 17.80 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: -0.002 min
Response: 2357947
Conc: 17.32 ug/ml