

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092923AL\
 Data File : FE044513.D
 Signal(s) : FID1B.ch
 Acq On : 29 Sep 2023 10:56
 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: autoint1.e
 Quant Time: Sep 29 12:29:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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)	11.919	3654729	19.467 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
12) S 1-chlorooctadecane (S...	13.358	2671451	19.637 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T n-Nonane (C9)	3.309	3115648	19.191 ug/ml
2) T n-Decane (C10)	4.560	3190410	19.267 ug/ml
3) T A~Naphthalene (C11.7)	6.261	3468870	19.402 ug/ml
4) T n-Dodecane (C12)	6.724	3208611	19.290 ug/ml
5) T A~2-methylnaphthalene...	7.356	3331325	19.471 ug/ml
6) T n-Tetradecane (C14)	8.550	3176420	19.349 ug/ml
7) T n-Hexadecane (C16)	10.159	3286380	19.399 ug/ml
8) T n-Octadecane (C18)	11.604	3304193	19.461 ug/ml
10) T n-Eicosane (C20)	12.914	3132722	19.471 ug/ml
11) T n-Heneicosane (C21)	13.526	3048492	19.469 ug/ml
13) T n-Docosane (C22)	14.112	2997037	19.432 ug/ml
14) T n-Tetracosane (C24)	15.216	2945663	19.486 ug/ml
15) T n-Hexacosane (C26)	16.238	2876740	19.557 ug/ml
16) T n-Octacosane (C28)	17.190	2874444	20.042 ug/ml
17) T n-Tricontane (C30)	18.078	3108879	20.973 ug/ml
18) T n-Dotriacontane (C32)	18.912	3178780	21.473 ug/ml
19) T n-Tetratriacontane (C34)	19.697	3091946	21.157 ug/ml
20) T n-Hexatriacontane (C36)	20.438	2970575	20.479 ug/ml
21) T n-Octatriacontane (C38)	21.181	2986514	19.938 ug/ml
22) T n-Tetracontane (C40)	22.097	3121199	19.778 ug/ml

(f)=RT Delta > 1/2 Window

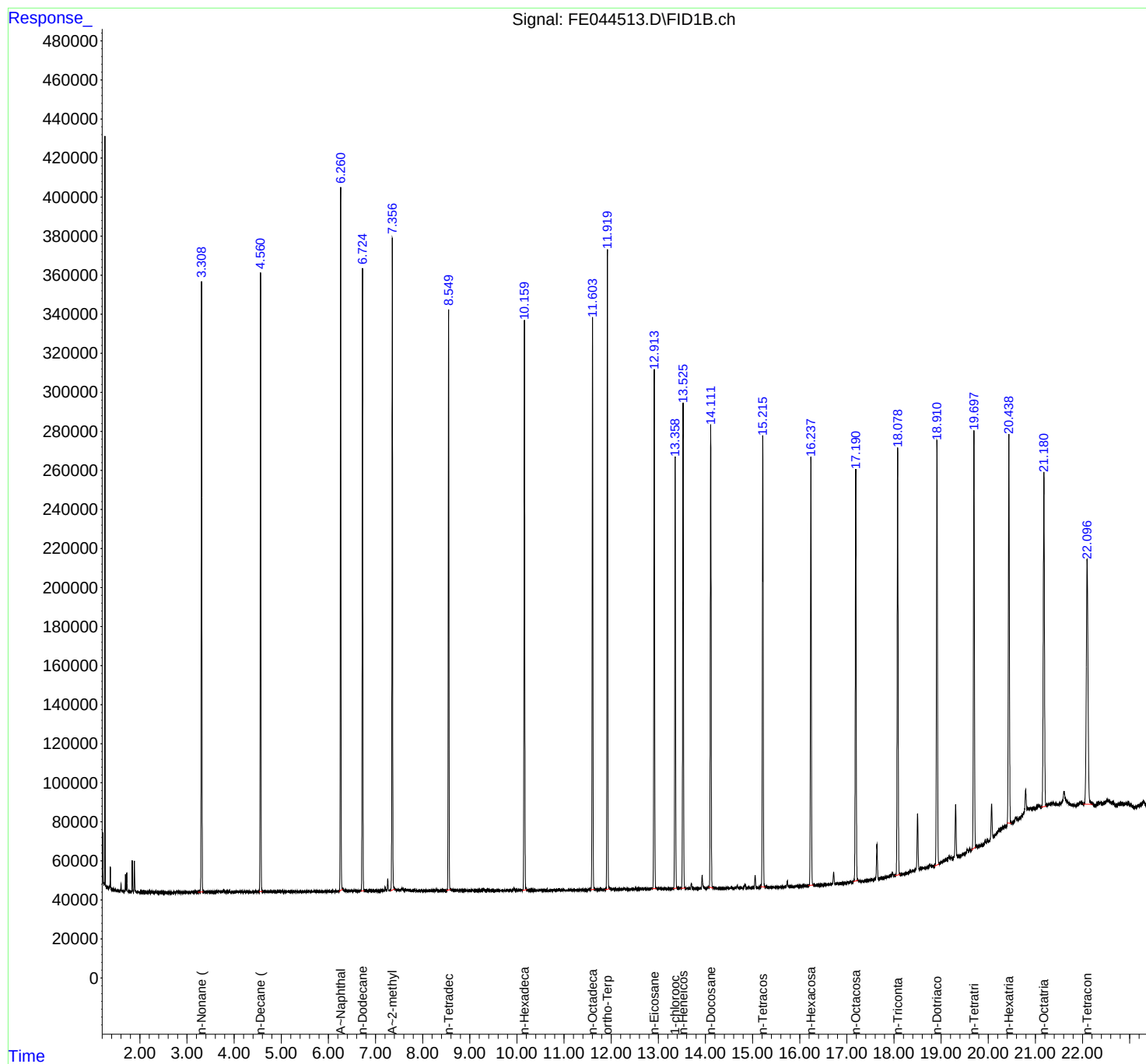
(m)=manual int.

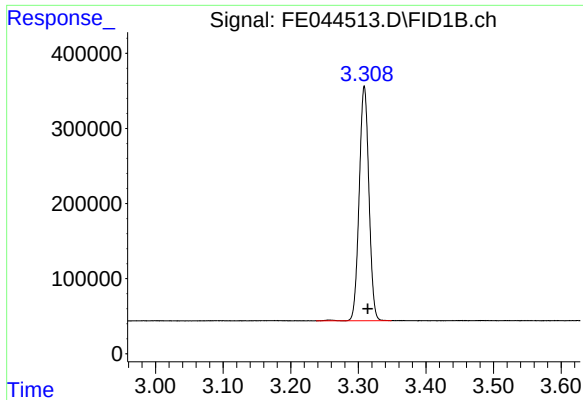
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092923AL\
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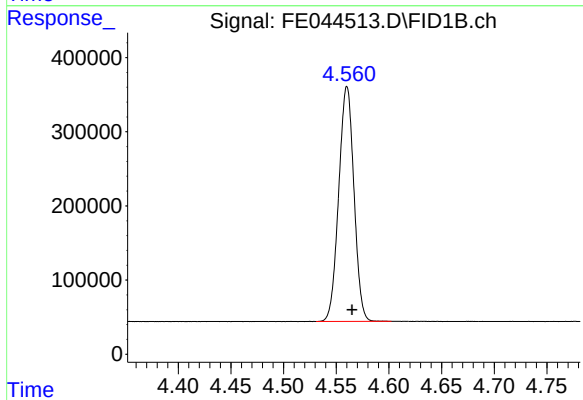




#1 n-Nonane (C9)

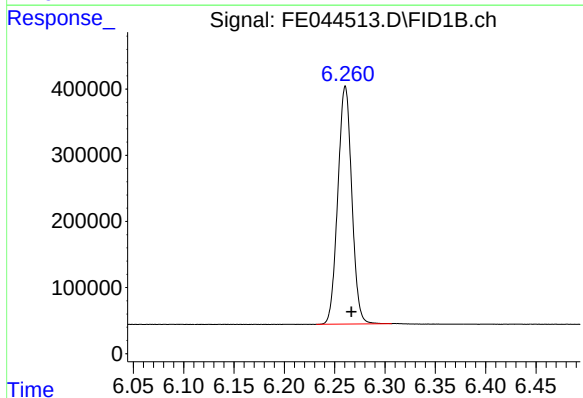
R.T.: 3.309 min
Delta R.T.: -0.005 min
Response: 3115648
Conc: 19.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



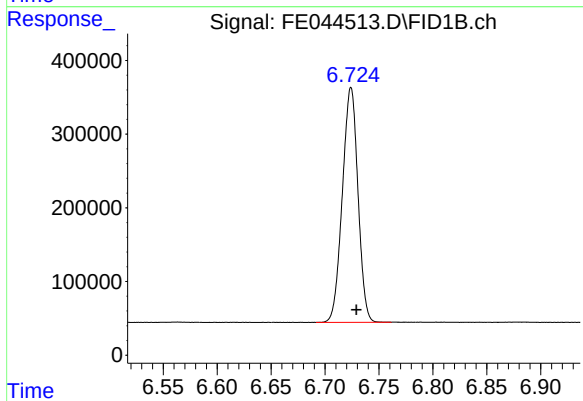
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.005 min
Response: 3190410
Conc: 19.27 ug/ml



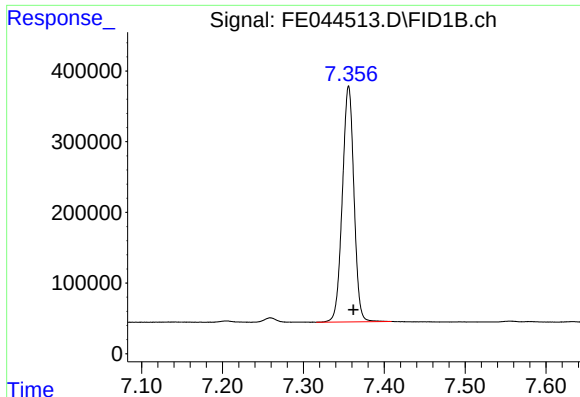
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.006 min
Response: 3468870
Conc: 19.40 ug/ml



#4 n-Dodecane (C12)

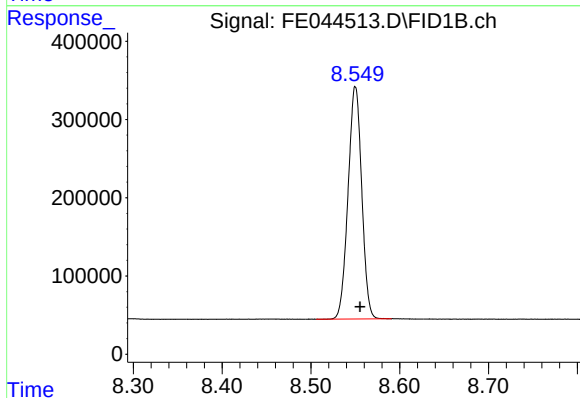
R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 3208611
Conc: 19.29 ug/ml



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

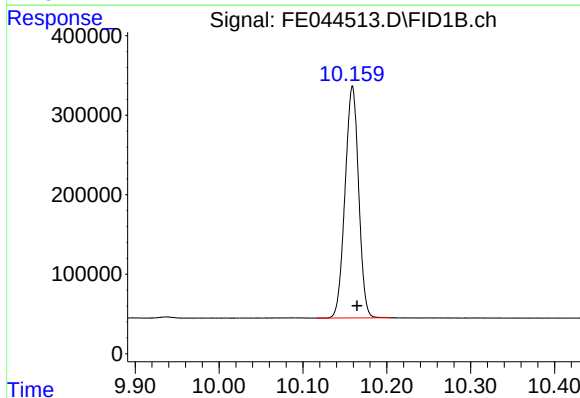
R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 3331325
Conc: 19.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



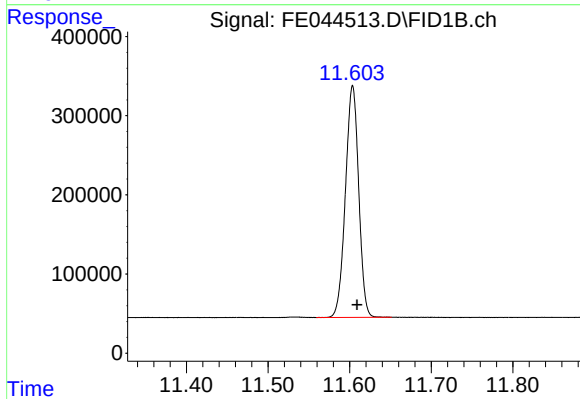
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.005 min
Response: 3176420
Conc: 19.35 ug/ml



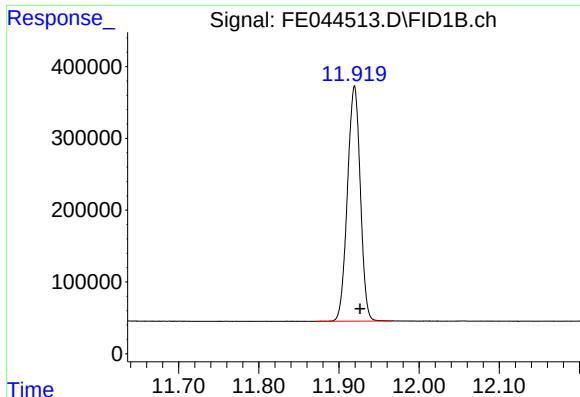
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: -0.006 min
Response: 3286380
Conc: 19.40 ug/ml



#8 n-Octadecane (C18)

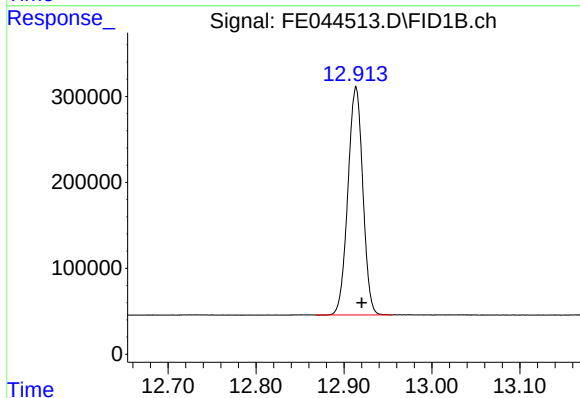
R.T.: 11.604 min
Delta R.T.: -0.006 min
Response: 3304193
Conc: 19.46 ug/ml



#9 ortho-Terphenyl (SURR)

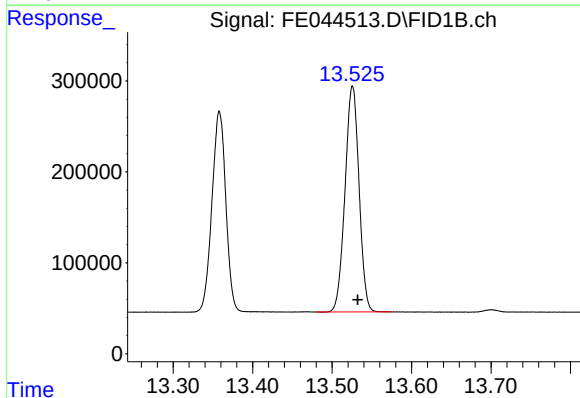
R.T.: 11.919 min
Delta R.T.: -0.007 min
Response: 3654729
Conc: 19.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



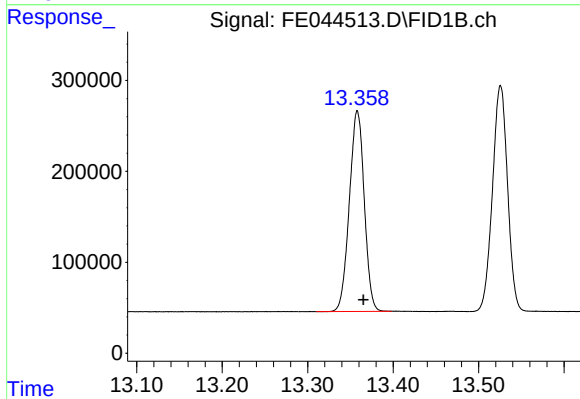
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: -0.006 min
Response: 3132722
Conc: 19.47 ug/ml



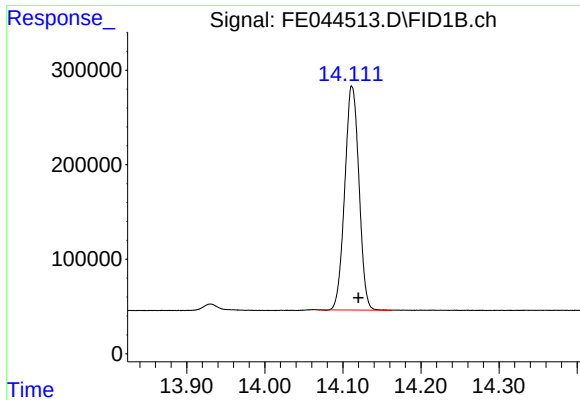
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: -0.007 min
Response: 3048492
Conc: 19.47 ug/ml



#12 1-chlorooctadecane (SURR)

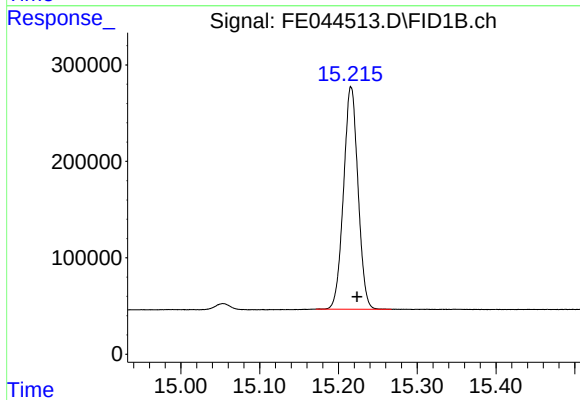
R.T.: 13.358 min
Delta R.T.: -0.007 min
Response: 2671451
Conc: 19.64 ug/ml



#13 n-Docosane (C22)

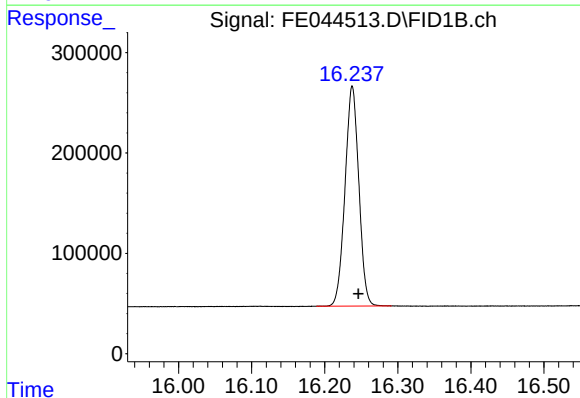
R.T.: 14.112 min
Delta R.T.: -0.008 min
Response: 2997037
Conc: 19.43 ug/ml

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20 PPM ALIPHATIC HC STD



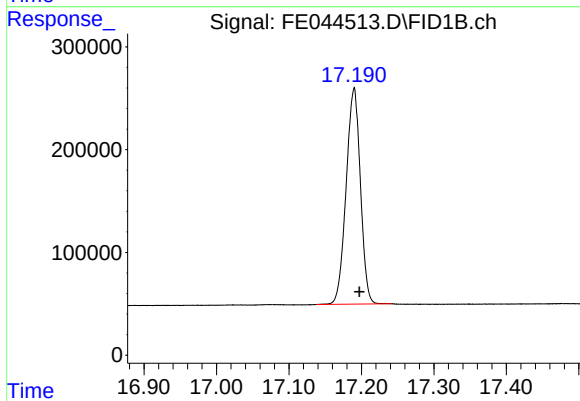
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.007 min
Response: 2945663
Conc: 19.49 ug/ml



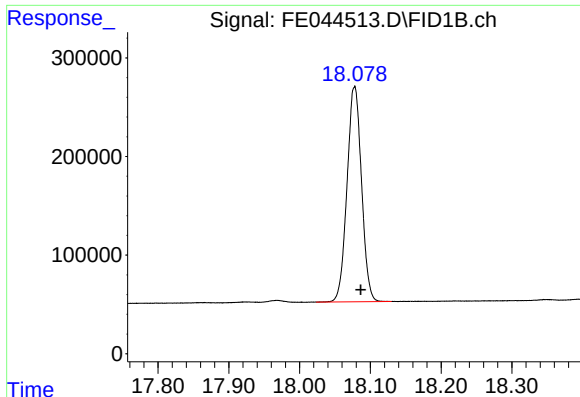
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.008 min
Response: 2876740
Conc: 19.56 ug/ml



#16 n-Octacosane (C28)

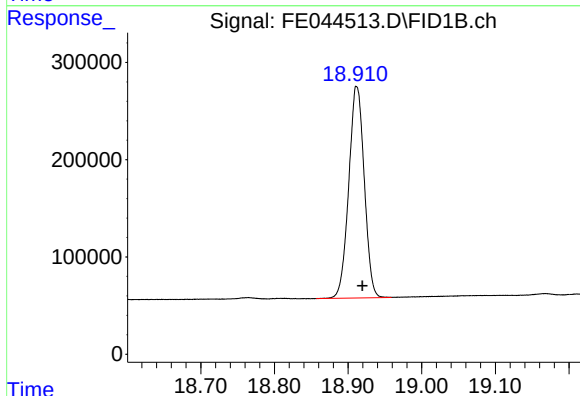
R.T.: 17.190 min
Delta R.T.: -0.007 min
Response: 2874444
Conc: 20.04 ug/ml



#17 n-Tricontane (C30)

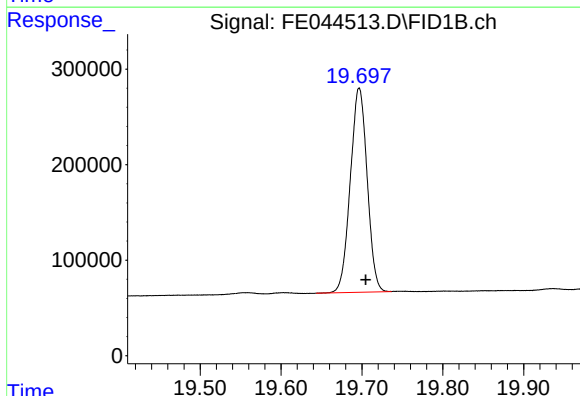
R.T.: 18.078 min
Delta R.T.: -0.009 min
Response: 3108879
Conc: 20.97 ug/ml

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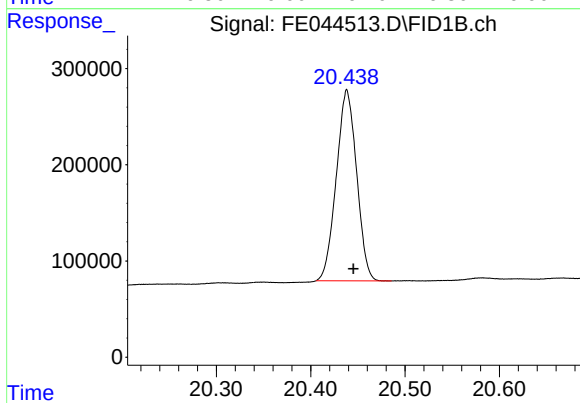
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: -0.008 min
Response: 3178780
Conc: 21.47 ug/ml



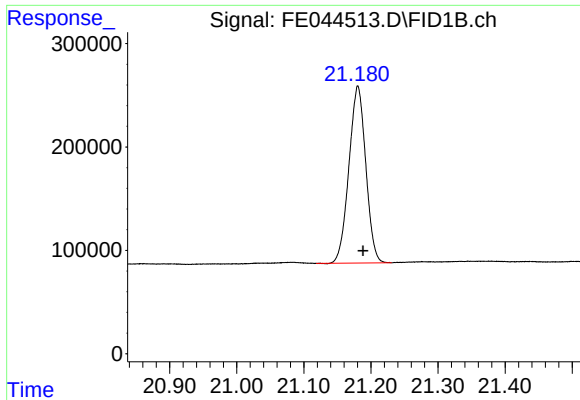
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.008 min
Response: 3091946
Conc: 21.16 ug/ml



#20 n-Hexatriacontane (C36)

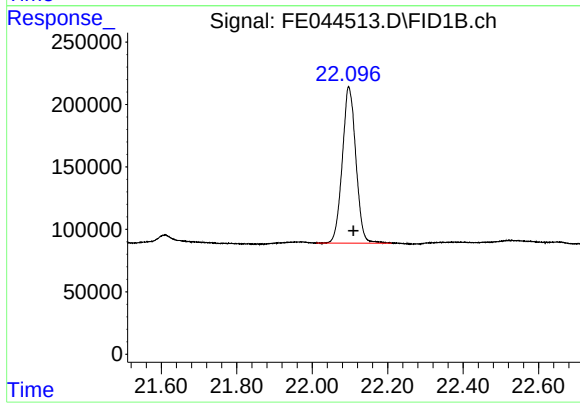
R.T.: 20.438 min
Delta R.T.: -0.007 min
Response: 2970575
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: -0.008 min
Response: 2986514
Conc: 19.94 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: -0.012 min
Response: 3121199
Conc: 19.78 ug/ml