

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011224AL\
 Data File : FE046213.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jan 2024 04:14
 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: Jan 13 05:07:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.830	3456125	19.018 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	13.274	2567607	19.217 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
Target Compounds			
1) T n-Nonane (C9)	3.215	2665952	17.419 ug/ml
2) T n-Decane (C10)	4.466	2756592	17.762 ug/ml
3) T A~Naphthalene (C11.7)	6.169	2937480	17.663 ug/ml
4) T n-Dodecane (C12)	6.633	2820661	18.065 ug/ml
5) T A~2-methylnaphthalene...	7.266	2871202	18.034 ug/ml
6) T n-Tetradecane (C14)	8.461	2845003	18.264 ug/ml
7) T n-Hexadecane (C16)	10.071	2951366	18.637 ug/ml
8) T n-Octadecane (C18)	11.516	2990235	18.999 ug/ml
10) T n-Eicosane (C20)	12.828	2926554	19.346 ug/ml
11) T n-Heneicosane (C21)	13.442	2830406	19.248 ug/ml
13) T n-Docosane (C22)	14.029	2929477	20.041 ug/ml
14) T n-Tetracosane (C24)	15.135	3098835	21.366 ug/ml
15) T n-Hexacosane (C26)	16.159	3181874	22.194 ug/ml
16) T n-Octacosane (C28)	17.112	3342862	23.308 ug/ml
17) T n-Tricontane (C30)	18.003	3575040	24.052 ug/ml
18) T n-Dotriacontane (C32)	18.839	3515798	23.507 ug/ml
19) T n-Tetratriacontane (C34)	19.626	3232196	22.562 ug/ml
20) T n-Hexatriacontane (C36)	20.369	2942469	20.181 ug/ml
21) T n-Octatriacontane (C38)	21.102	2858731	19.387 ug/ml
22) T n-Tetracontane (C40)	21.999	2934908	18.750 ug/ml

(f)=RT Delta > 1/2 Window

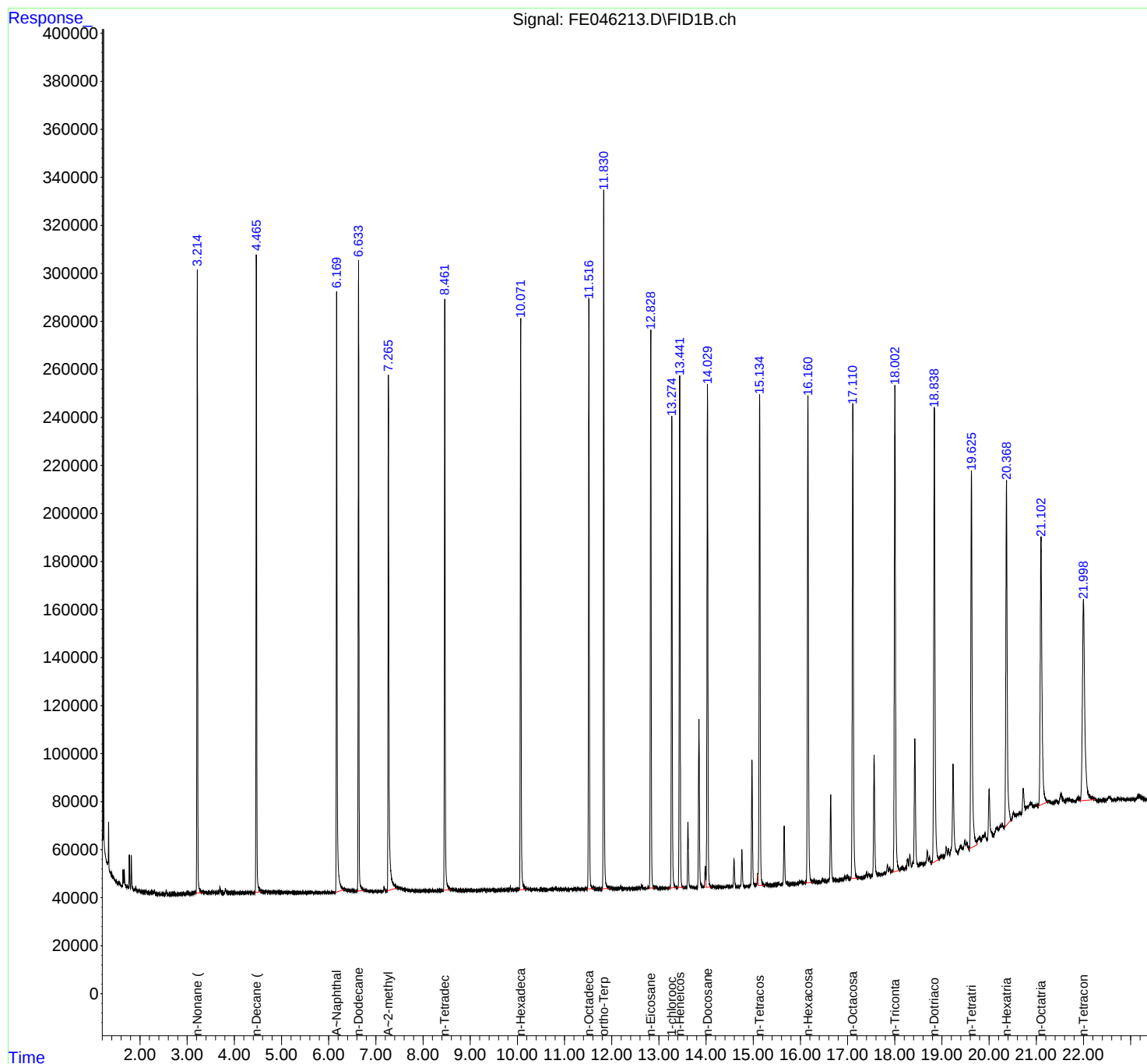
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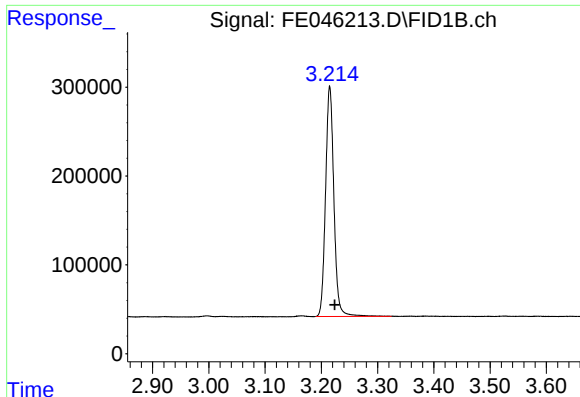
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011224AL\
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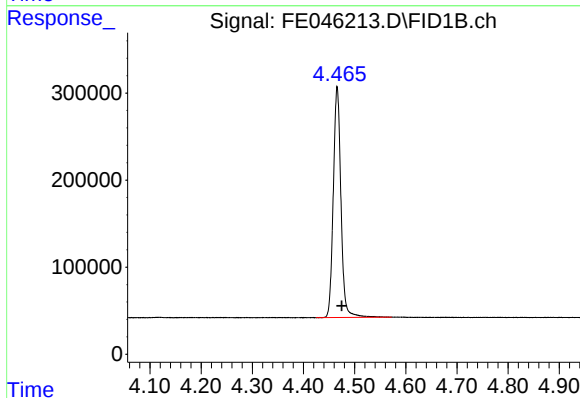




#1 n-Nonane (C9)

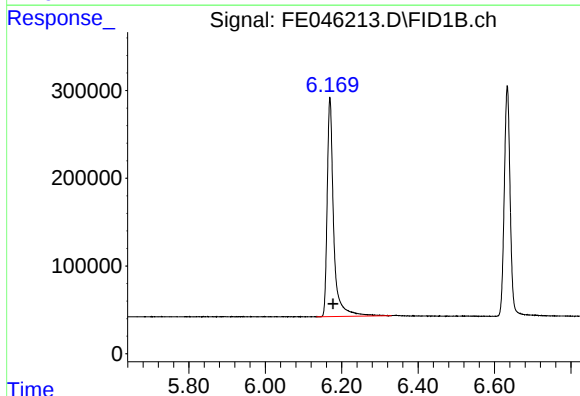
R.T.: 3.215 min
Delta R.T.: -0.009 min
Response: 2665952
Conc: 17.42 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



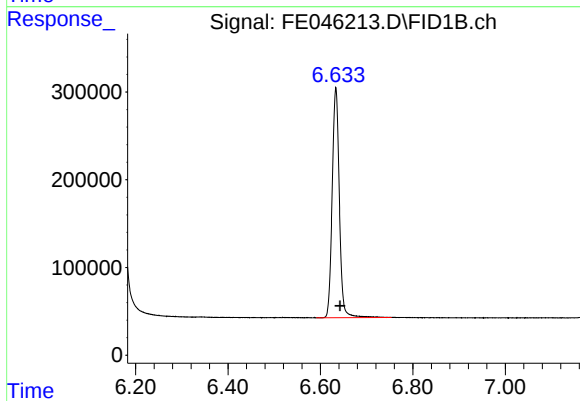
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.009 min
Response: 2756592
Conc: 17.76 ug/ml



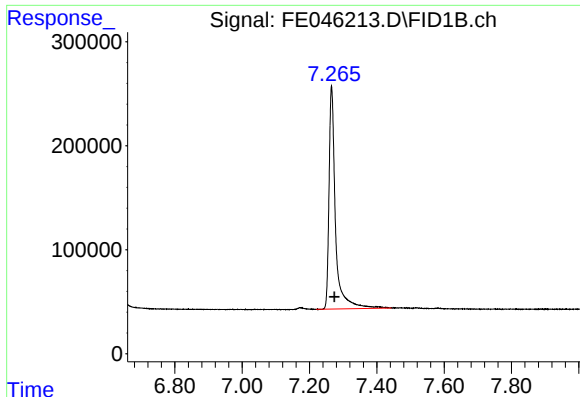
#3 A~Naphthalene (C11.7)

R.T.: 6.169 min
Delta R.T.: -0.008 min
Response: 2937480
Conc: 17.66 ug/ml



#4 n-Dodecane (C12)

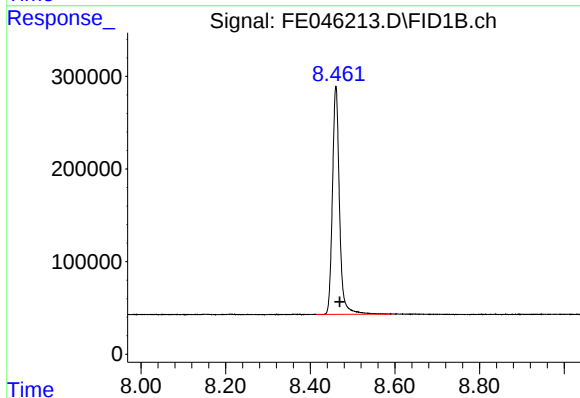
R.T.: 6.633 min
Delta R.T.: -0.009 min
Response: 2820661
Conc: 18.07 ug/ml



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

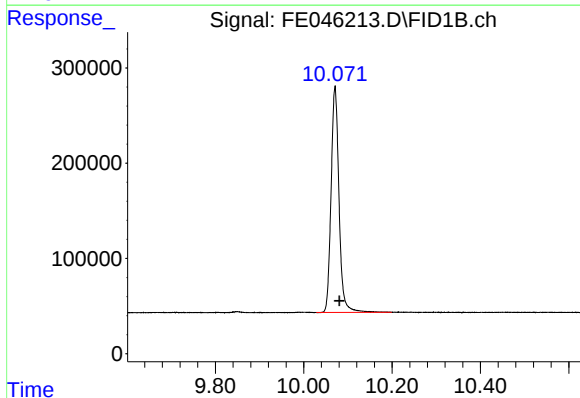
R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 2871202
Conc: 18.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



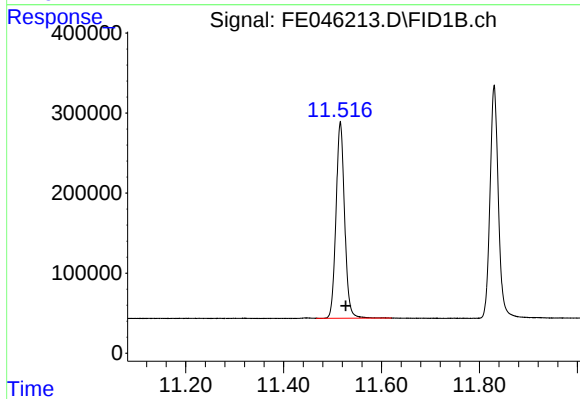
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.009 min
Response: 2845003
Conc: 18.26 ug/ml



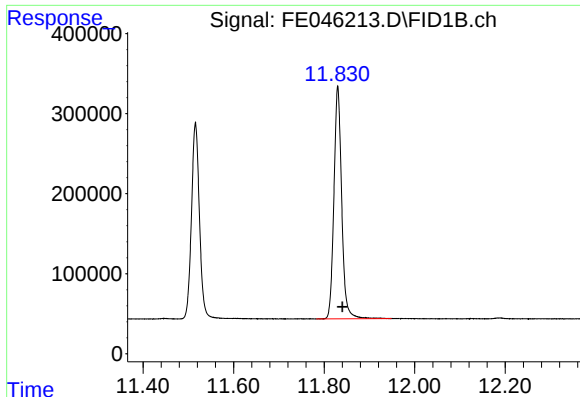
#7 n-Hexadecane (C16)

R.T.: 10.071 min
Delta R.T.: -0.010 min
Response: 2951366
Conc: 18.64 ug/ml



#8 n-Octadecane (C18)

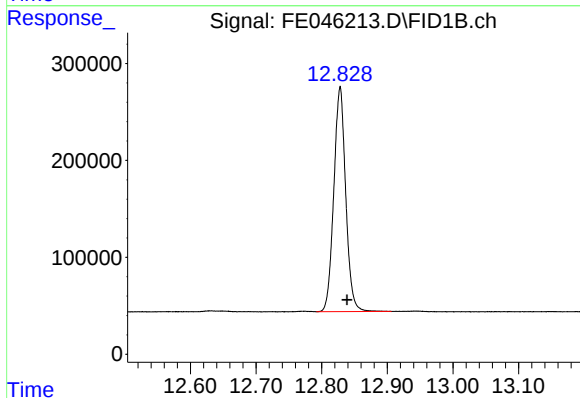
R.T.: 11.516 min
Delta R.T.: -0.011 min
Response: 2990235
Conc: 19.00 ug/ml



#9 ortho-Terphenyl (SURRE)

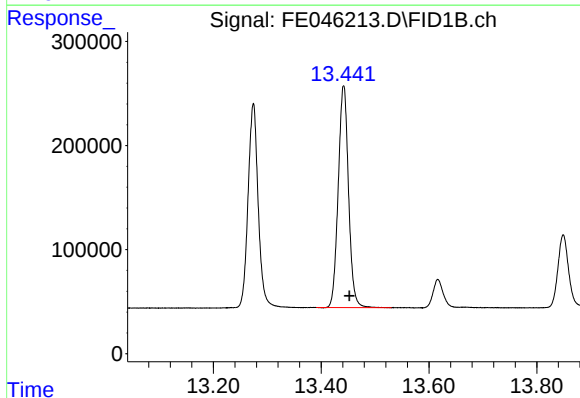
R.T.: 11.830 min
Delta R.T.: -0.010 min
Response: 3456125
Conc: 19.02 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



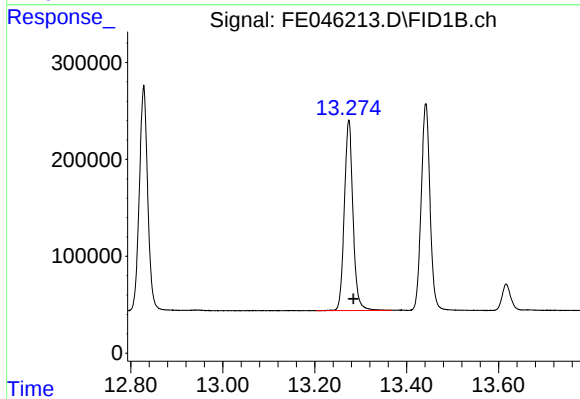
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.011 min
Response: 2926554
Conc: 19.35 ug/ml



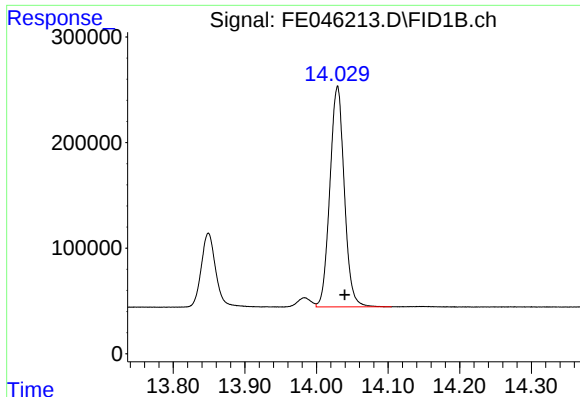
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: -0.011 min
Response: 2830406
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURRE)

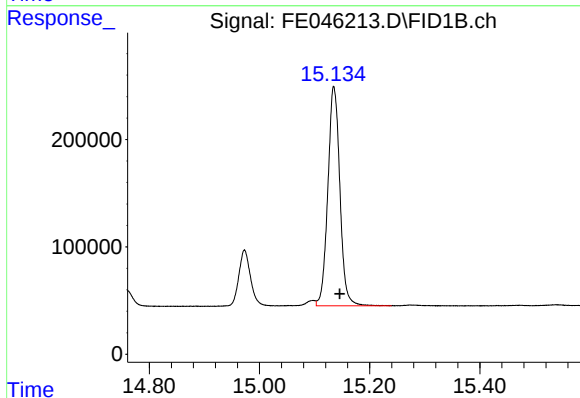
R.T.: 13.274 min
Delta R.T.: -0.010 min
Response: 2567607
Conc: 19.22 ug/ml



#13 n-Docosane (C22)

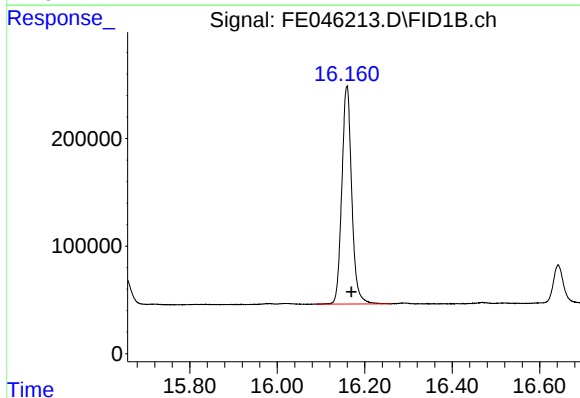
R.T.: 14.029 min
Delta R.T.: -0.010 min
Response: 2929477
Conc: 20.04 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



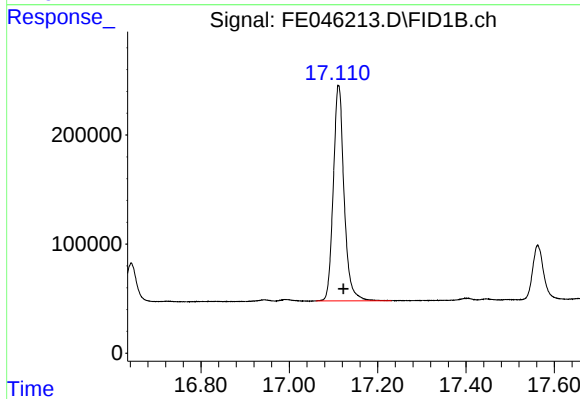
#14 n-Tetracosane (C24)

R.T.: 15.135 min
Delta R.T.: -0.011 min
Response: 3098835
Conc: 21.37 ug/ml



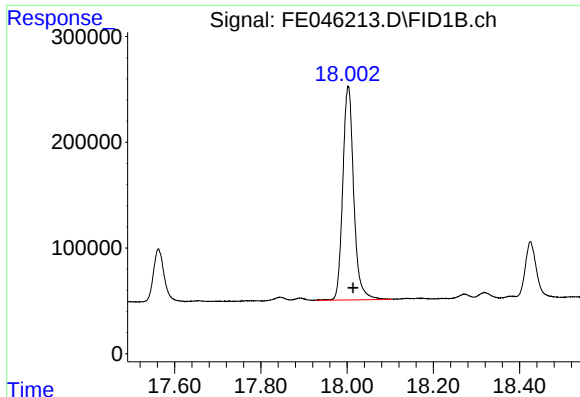
#15 n-Hexacosane (C26)

R.T.: 16.159 min
Delta R.T.: -0.010 min
Response: 3181874
Conc: 22.19 ug/ml



#16 n-Octacosane (C28)

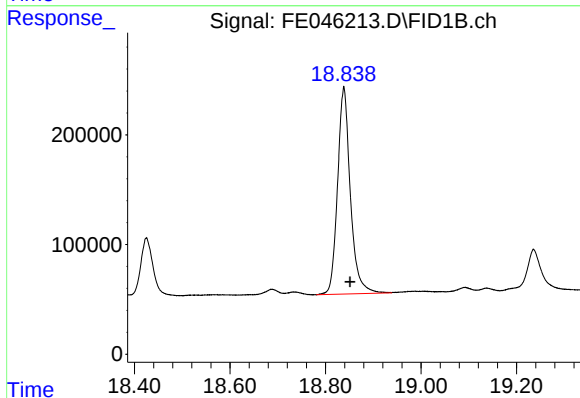
R.T.: 17.112 min
Delta R.T.: -0.011 min
Response: 3342862
Conc: 23.31 ug/ml



#17 n-Tricontane (C30)

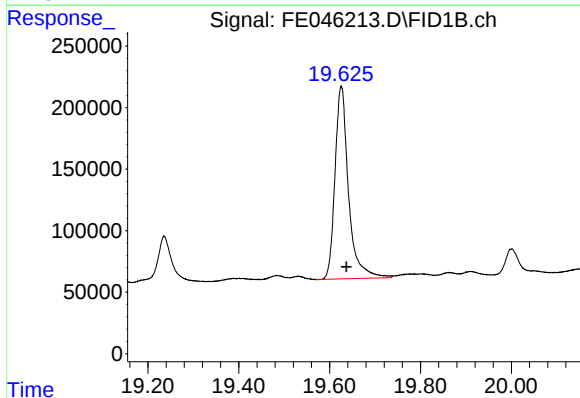
R.T.: 18.003 min
Delta R.T.: -0.011 min
Response: 3575040
Conc: 24.05 ug/ml

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20 PPM ALIPHATIC HC STD



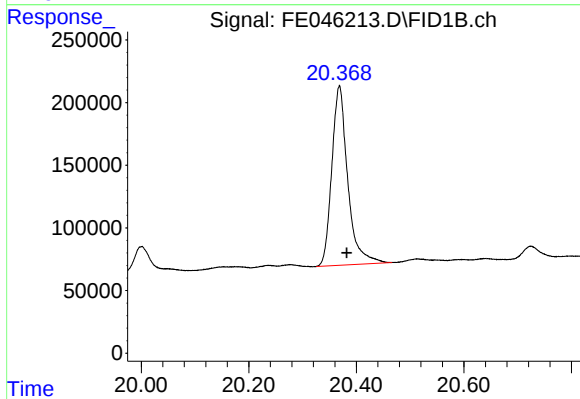
#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: -0.013 min
Response: 3515798
Conc: 23.51 ug/ml



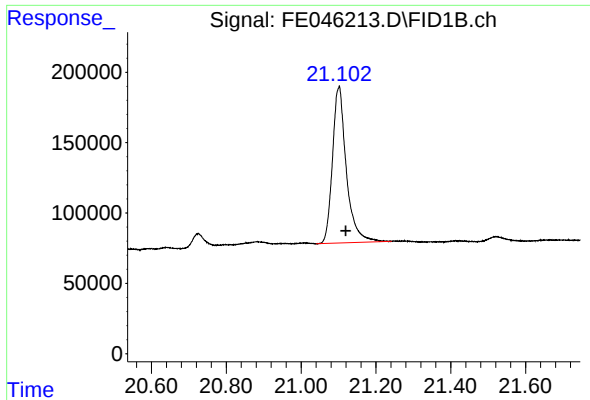
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: -0.011 min
Response: 3232196
Conc: 22.56 ug/ml



#20 n-Hexatriacontane (C36)

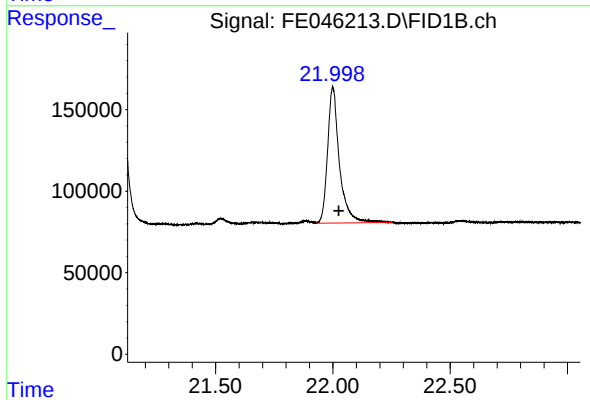
R.T.: 20.369 min
Delta R.T.: -0.014 min
Response: 2942469
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.018 min
Response: 2858731
Conc: 19.39 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.999 min
Delta R.T.: -0.026 min
Response: 2934908
Conc: 18.75 ug/ml