

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120623AL\
 Data File : FE045670.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2023 08:46
 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: Dec 07 00:10:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.862	4092093	19.569 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	13.305	3018315	19.183 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
Target Compounds			
1) T n-Nonane (C9)	3.247	3345156	21.095 ug/ml
2) T n-Decane (C10)	4.498	3426946	21.400 ug/ml
3) T A~Naphthalene (C11.7)	6.199	3729515	21.410 ug/ml
4) T n-Dodecane (C12)	6.665	3463239	21.440 ug/ml
5) T A~2-methylnaphthalene...	7.295	3620760	21.321 ug/ml
6) T n-Tetradecane (C14)	8.492	3424041	21.344 ug/ml
7) T n-Hexadecane (C16)	10.102	3480689	21.019 ug/ml
8) T n-Octadecane (C18)	11.548	3477768	20.285 ug/ml
10) T n-Eicosane (C20)	12.861	3358208	19.409 ug/ml
11) T n-Heneicosane (C21)	13.474	3284937	19.095 ug/ml
13) T n-Docosane (C22)	14.060	3248211	18.839 ug/ml
14) T n-Tetracosane (C24)	15.165	3149667	18.041 ug/ml
15) T n-Hexacosane (C26)	16.189	3048049	17.502 ug/ml
16) T n-Octacosane (C28)	17.140	2967610	17.170 ug/ml
17) T n-Tricontane (C30)	18.032	3004130	17.172 ug/ml
18) T n-Dotriacontane (C32)	18.866	2992218	16.402 ug/ml
19) T n-Tetratriacontane (C34)	19.653	2886056	17.393 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2847610	17.939 ug/ml
21) T n-Octatriacontane (C38)	21.132	2897856	18.479 ug/ml
22) T n-Tetracontane (C40)	22.040	3007103	21.160 ug/ml

(f)=RT Delta > 1/2 Window

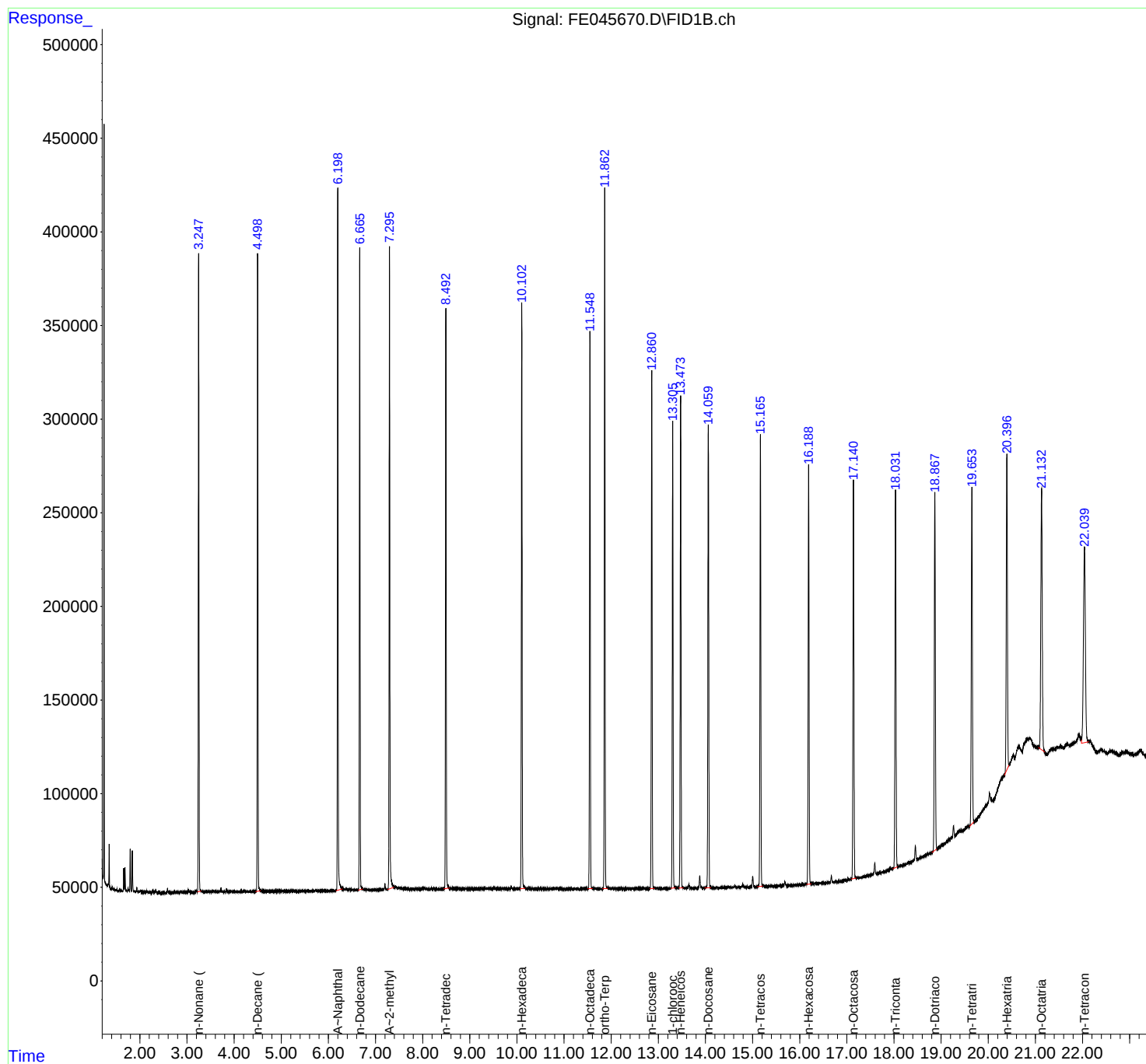
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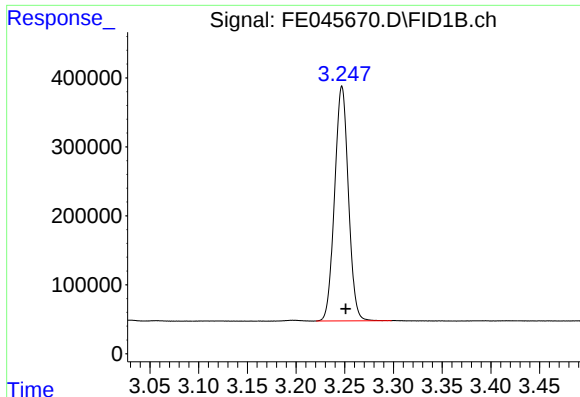
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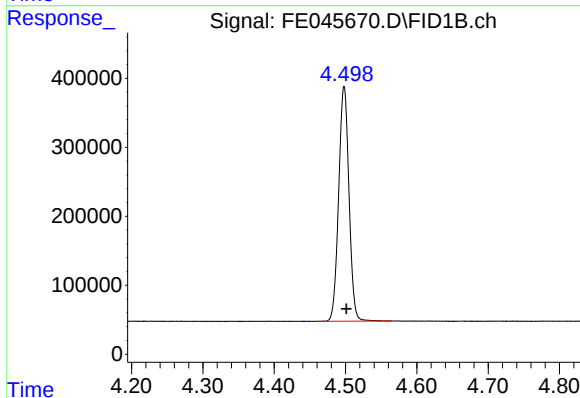




#1 n-Nonane (C9)

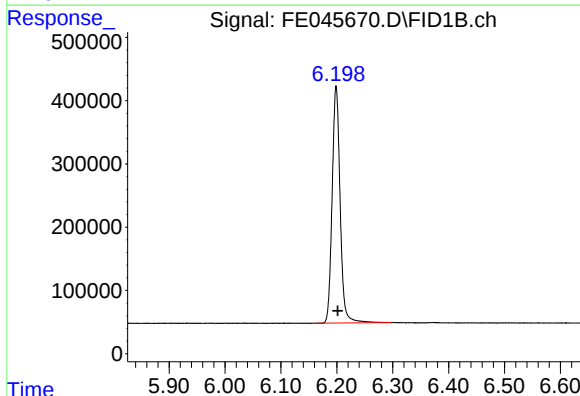
R.T.: 3.247 min
Delta R.T.: -0.004 min
Response: 3345156
Conc: 21.09 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



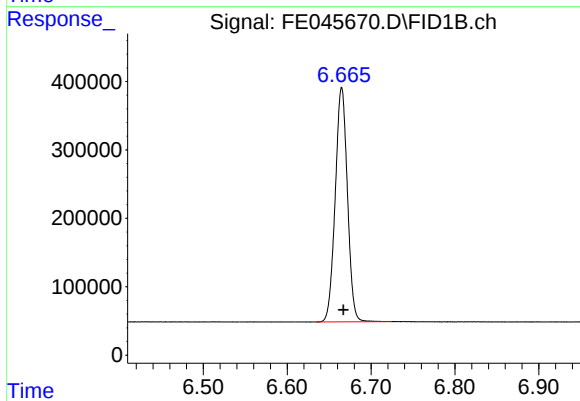
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.003 min
Response: 3426946
Conc: 21.40 ug/ml



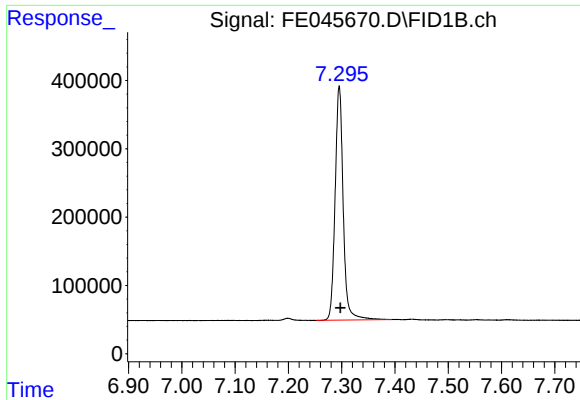
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.003 min
Response: 3729515
Conc: 21.41 ug/ml



#4 n-Dodecane (C12)

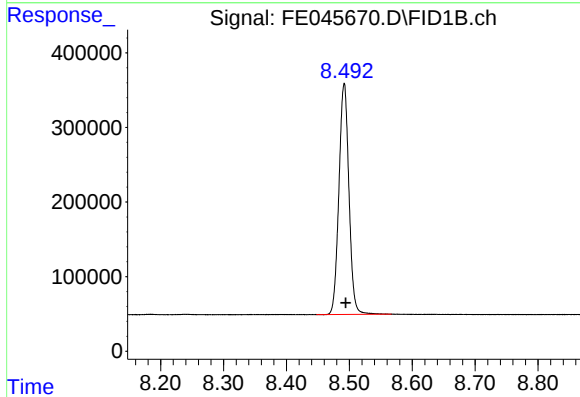
R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 3463239
Conc: 21.44 ug/ml



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

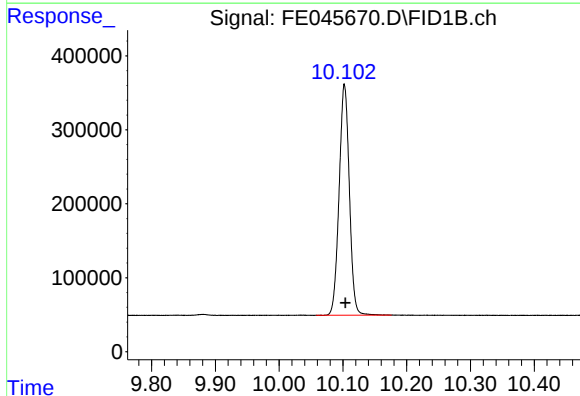
R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 3620760
Conc: 21.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



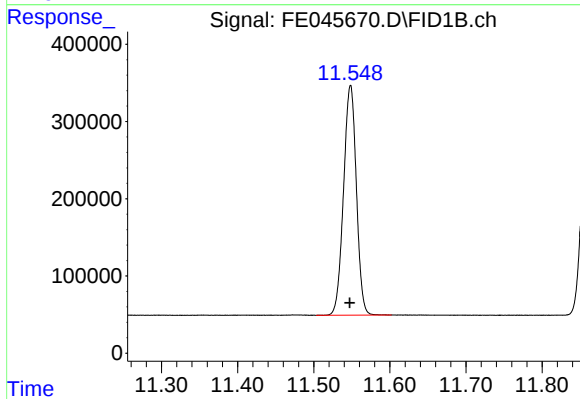
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 3424041
Conc: 21.34 ug/ml



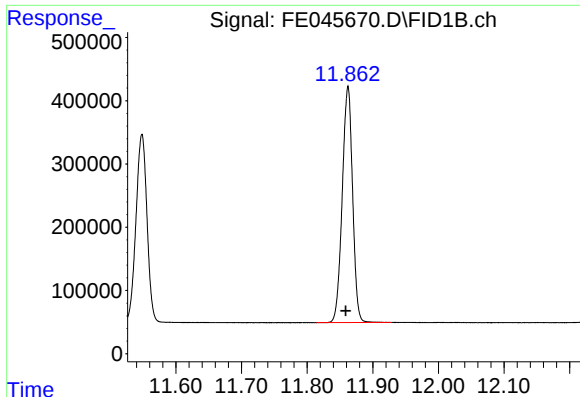
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: -0.001 min
Response: 3480689
Conc: 21.02 ug/ml



#8 n-Octadecane (C18)

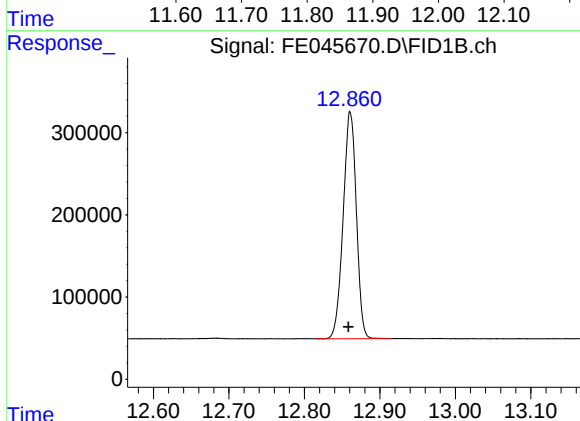
R.T.: 11.548 min
Delta R.T.: 0.001 min
Response: 3477768
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

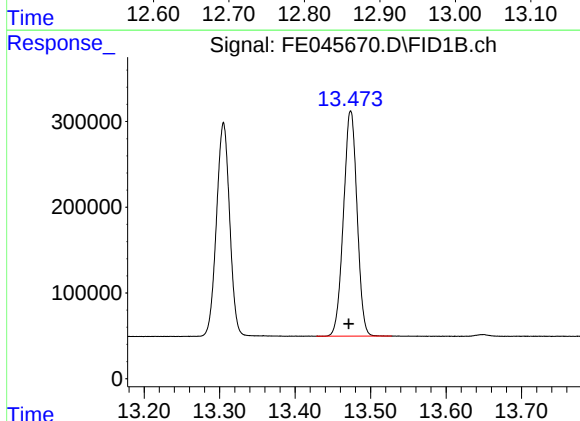
R.T.: 11.862 min
Delta R.T.: 0.003 min
Response: 4092093
Conc: 19.57 ug/ml

Instrument :
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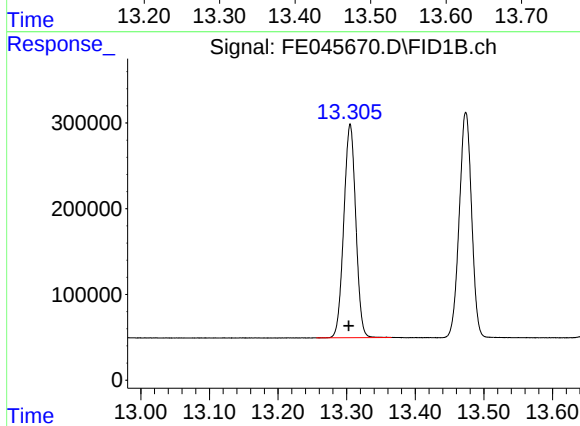
#10 n-Eicosane (C20)

R.T.: 12.861 min
Delta R.T.: 0.002 min
Response: 3358208
Conc: 19.41 ug/ml



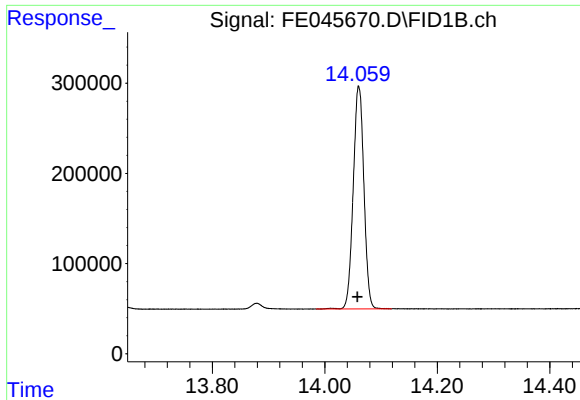
#11 n-Heneicosane (C21)

R.T.: 13.474 min
Delta R.T.: 0.002 min
Response: 3284937
Conc: 19.10 ug/ml



#12 1-chlorooctadecane (SURR)

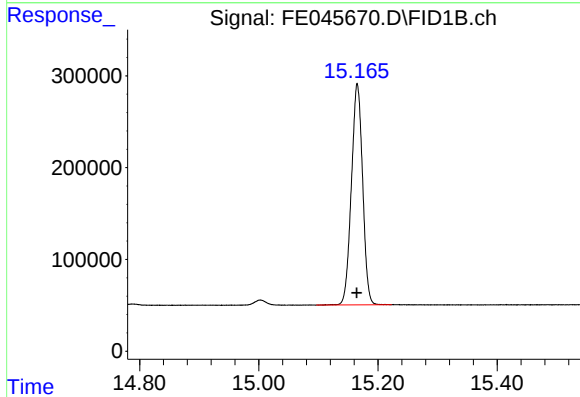
R.T.: 13.305 min
Delta R.T.: 0.002 min
Response: 3018315
Conc: 19.18 ug/ml



#13 n-Docosane (C22)

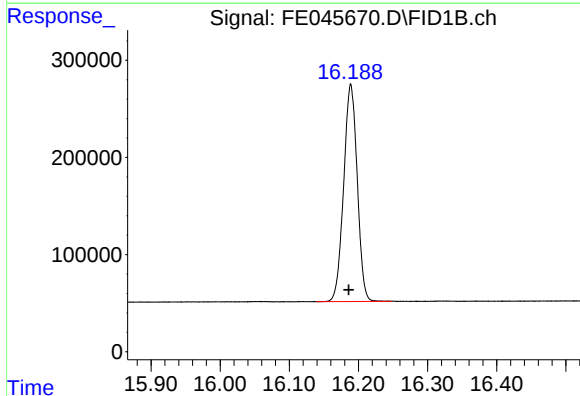
R.T.: 14.060 min
Delta R.T.: 0.002 min
Response: 3248211
Conc: 18.84 ug/ml

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20 PPM ALIPHATIC HC STD



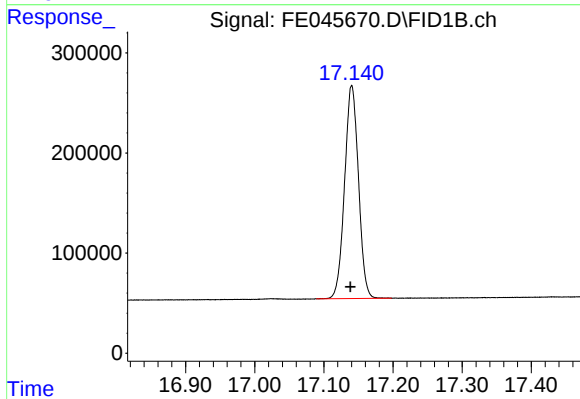
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: 0.001 min
Response: 3149667
Conc: 18.04 ug/ml



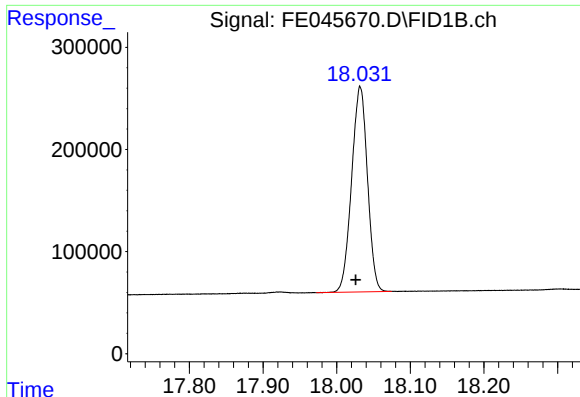
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: 0.003 min
Response: 3048049
Conc: 17.50 ug/ml



#16 n-Octacosane (C28)

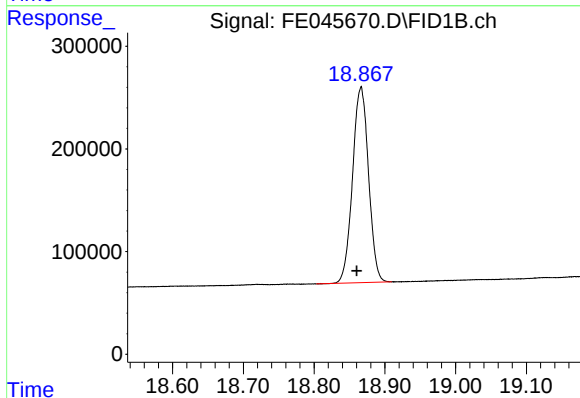
R.T.: 17.140 min
Delta R.T.: 0.002 min
Response: 2967610
Conc: 17.17 ug/ml



#17 n-Tricontane (C30)

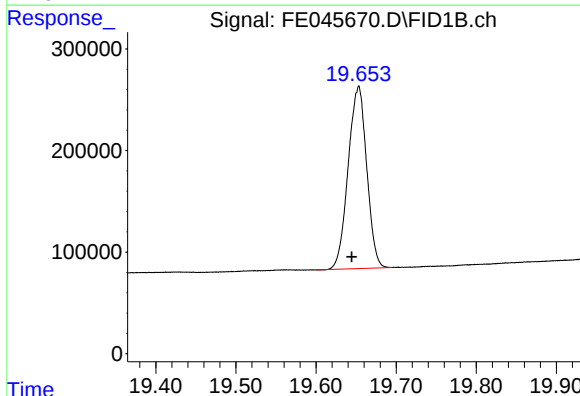
R.T.: 18.032 min
Delta R.T.: 0.006 min
Response: 3004130
Conc: 17.17 ug/ml

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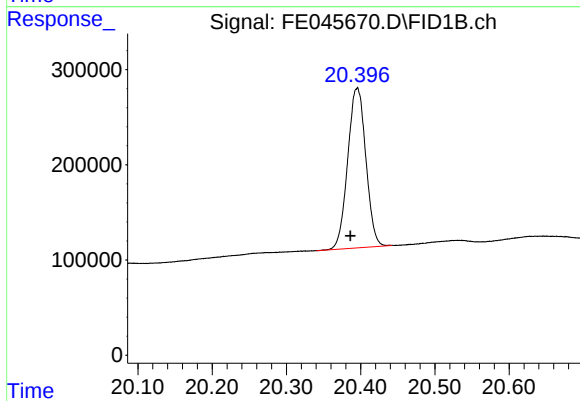
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: 0.006 min
Response: 2992218
Conc: 16.40 ug/ml



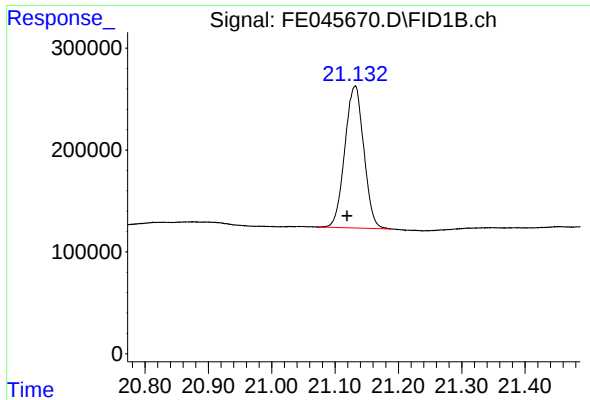
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.009 min
Response: 2886056
Conc: 17.39 ug/ml



#20 n-Hexatriacontane (C36)

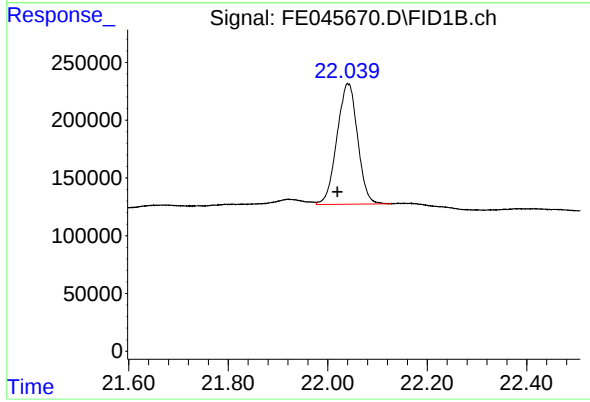
R.T.: 20.395 min
Delta R.T.: 0.009 min
Response: 2847610
Conc: 17.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.132 min
Delta R.T.: 0.013 min
Response: 2897856
Conc: 18.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.040 min
Delta R.T.: 0.021 min
Response: 3007103
Conc: 21.16 ug/ml