

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072023AL\
 Data File : FE043345.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jul 2023 07:28
 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: Jul 21 03:45:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.890	3808981	21.271 ug/ml
Spiked Amount 50.000		Recovery =	42.54%
12) S 1-chlorooctadecane (S...	13.326	2810291	21.388 ug/ml
Spiked Amount 50.000		Recovery =	42.78%
Target Compounds			
1) T n-Nonane (C9)	3.271	3215024	21.057 ug/ml
2) T n-Decane (C10)	4.523	3316962	21.277 ug/ml
3) T A~Naphthalene (C11.7)	6.232	3455927	21.477 ug/ml
4) T n-Dodecane (C12)	6.692	3352505	21.276 ug/ml
5) T A~2-methylnaphthalene...	7.329	3284216	21.644 ug/ml
6) T n-Tetradecane (C14)	8.521	3326028	21.028 ug/ml
7) T n-Hexadecane (C16)	10.128	3433583	21.217 ug/ml
8) T n-Octadecane (C18)	11.571	3457949	21.212 ug/ml
10) T n-Eicosane (C20)	12.880	3307419	21.288 ug/ml
11) T n-Heneicosane (C21)	13.491	3224868	21.286 ug/ml
13) T n-Docosane (C22)	14.078	3174716	21.243 ug/ml
14) T n-Tetracosane (C24)	15.180	3114590	21.208 ug/ml
15) T n-Hexacosane (C26)	16.200	3034413	21.305 ug/ml
16) T n-Octacosane (C28)	17.150	2986725	21.227 ug/ml
17) T n-Tricontane (C30)	18.039	3124776	21.212 ug/ml
18) T n-Dotriacontane (C32)	18.870	3142150	21.205 ug/ml
19) T n-Tetratriacontane (C34)	19.655	3052747	21.152 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2939756	20.001 ug/ml
21) T n-Octatriacontane (C38)	21.129	2906104	20.372 ug/ml
22) T n-Tetracontane (C40)	22.037	2921525	19.796 ug/ml

(f)=RT Delta > 1/2 Window

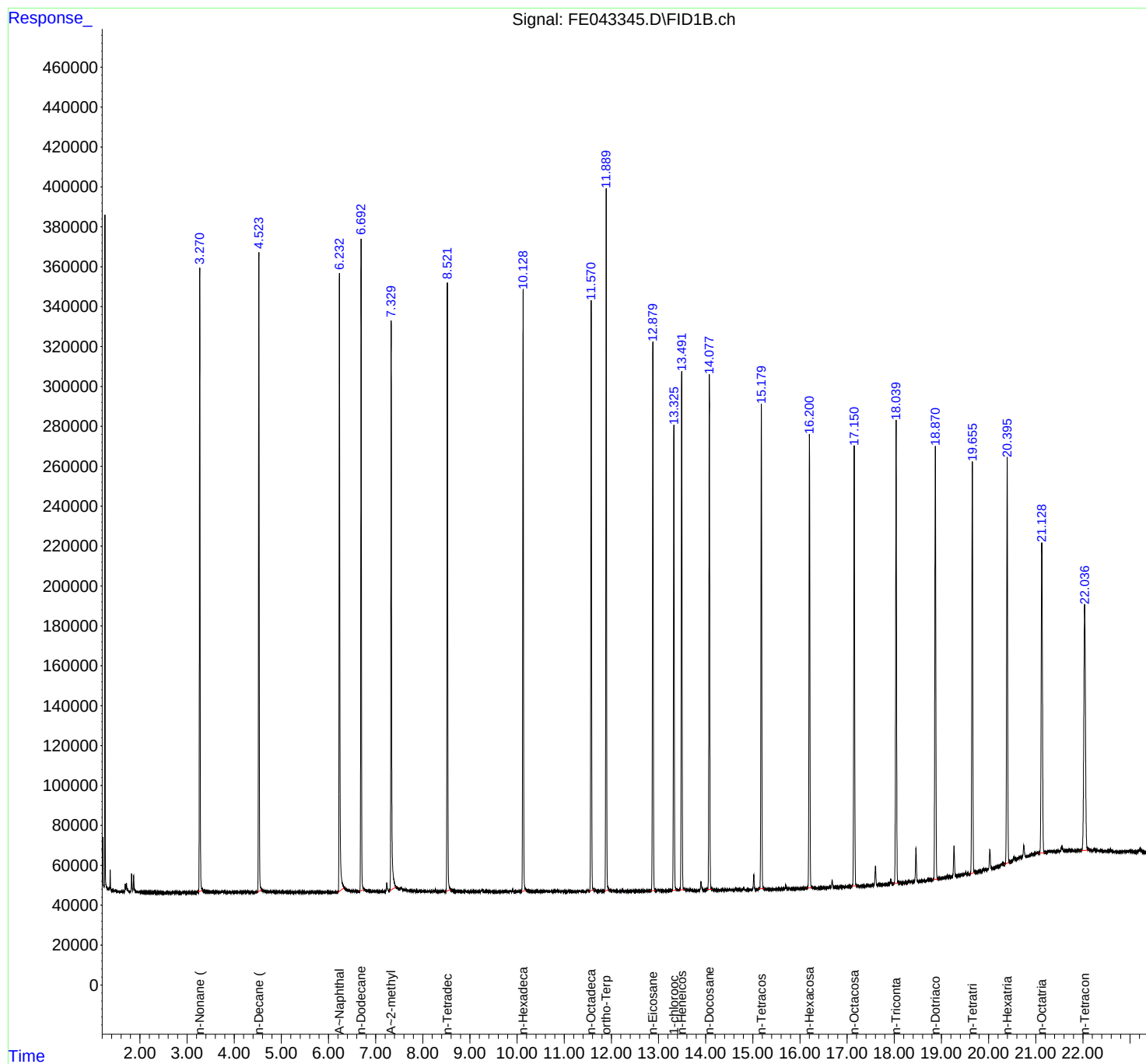
(m)=manual int.

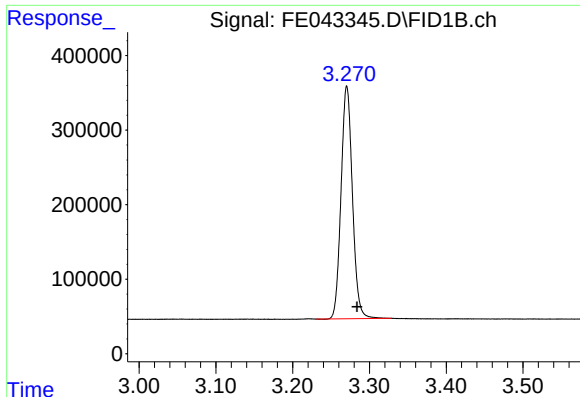
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072023AL\
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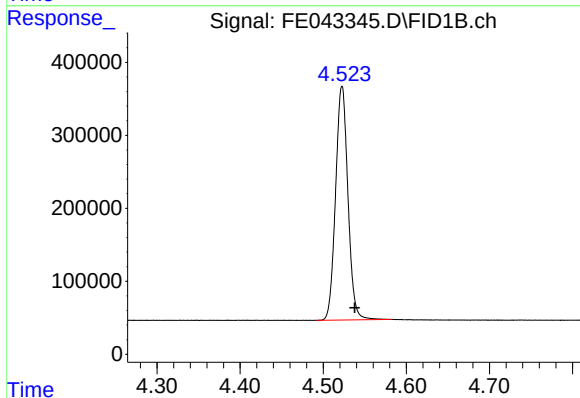




#1 n-Nonane (C9)

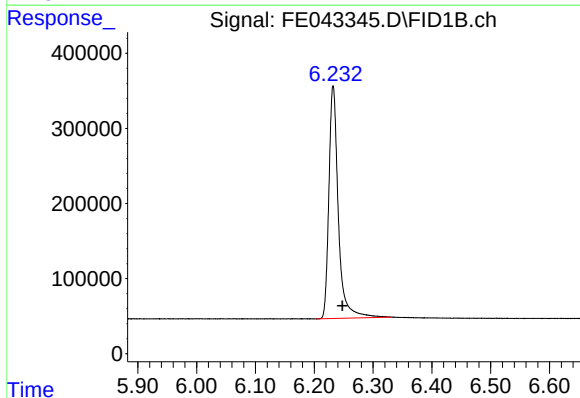
R.T.: 3.271 min
Delta R.T.: -0.013 min
Response: 3215024
Conc: 21.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



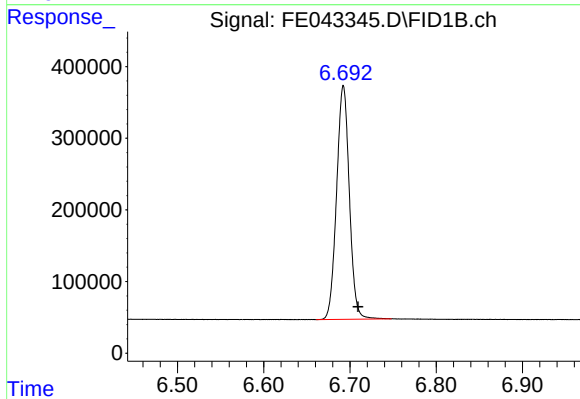
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 3316962
Conc: 21.28 ug/ml



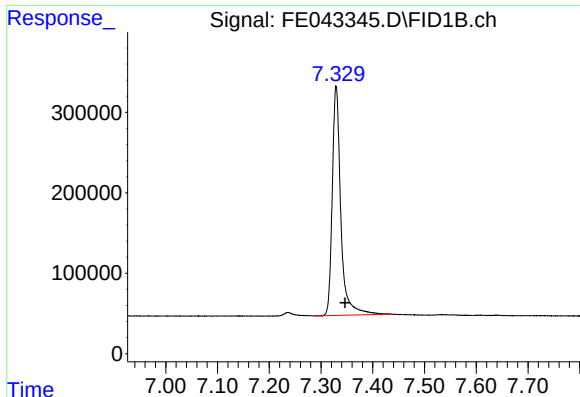
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.016 min
Response: 3455927
Conc: 21.48 ug/ml



#4 n-Dodecane (C12)

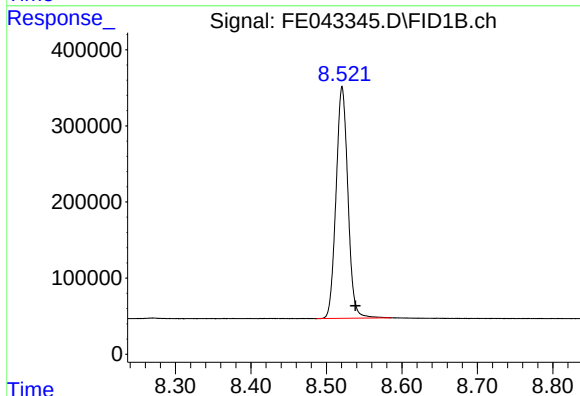
R.T.: 6.692 min
Delta R.T.: -0.017 min
Response: 3352505
Conc: 21.28 ug/ml



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

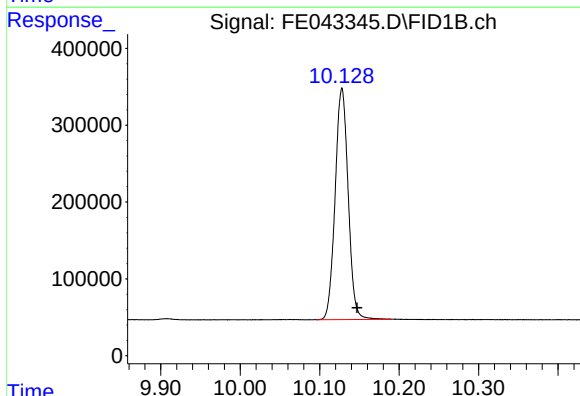
R.T.: 7.329 min
Delta R.T.: -0.017 min
Response: 3284216
Conc: 21.64 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



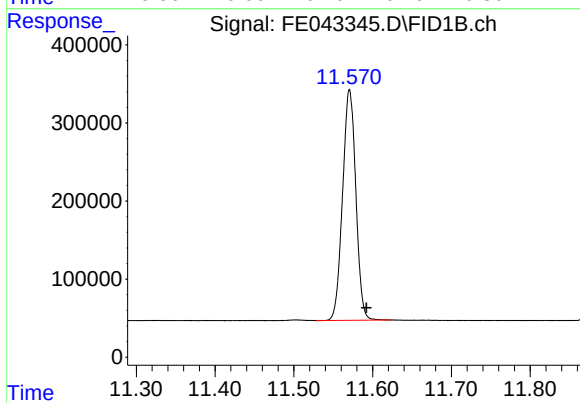
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: -0.018 min
Response: 3326028
Conc: 21.03 ug/ml



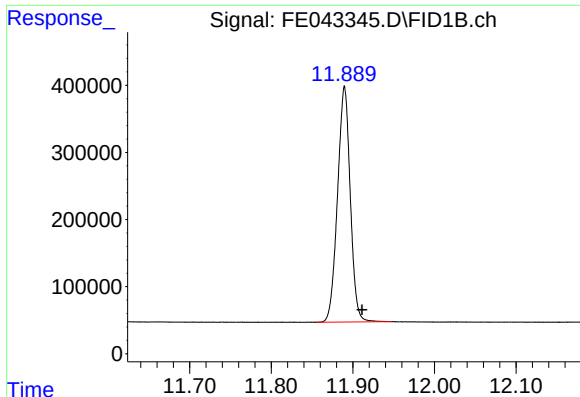
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.019 min
Response: 3433583
Conc: 21.22 ug/ml



#8 n-Octadecane (C18)

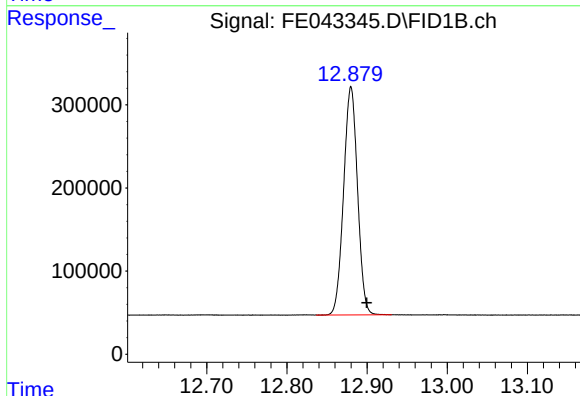
R.T.: 11.571 min
Delta R.T.: -0.021 min
Response: 3457949
Conc: 21.21 ug/ml



#9 ortho-Terphenyl (SURR)

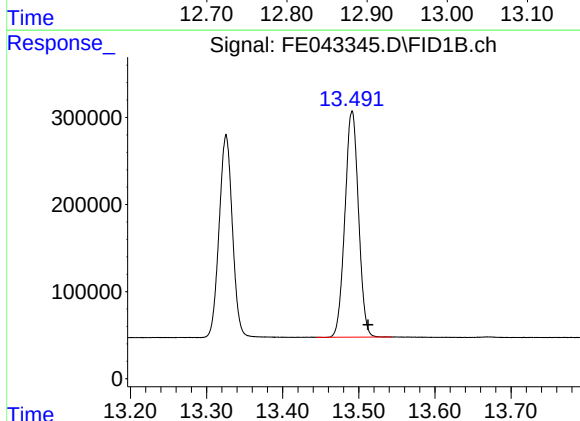
R.T.: 11.890 min
Delta R.T.: -0.022 min
Response: 3808981
Conc: 21.27 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



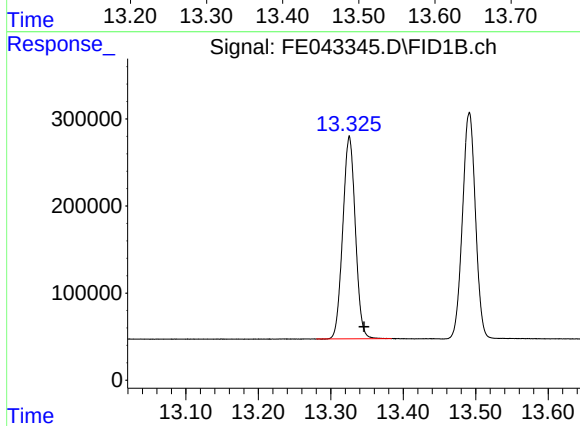
#10 n-Eicosane (C20)

R.T.: 12.880 min
Delta R.T.: -0.020 min
Response: 3307419
Conc: 21.29 ug/ml



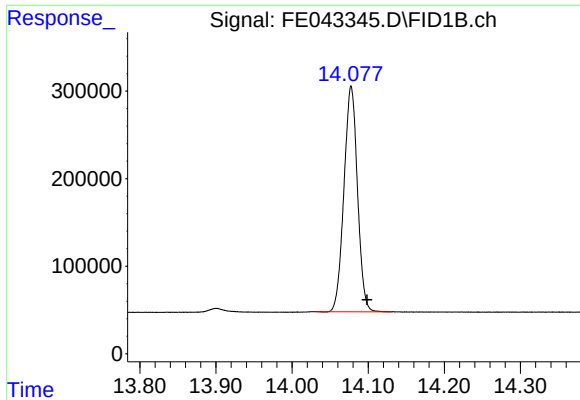
#11 n-Heneicosane (C21)

R.T.: 13.491 min
Delta R.T.: -0.021 min
Response: 3224868
Conc: 21.29 ug/ml



#12 1-chlorooctadecane (SURR)

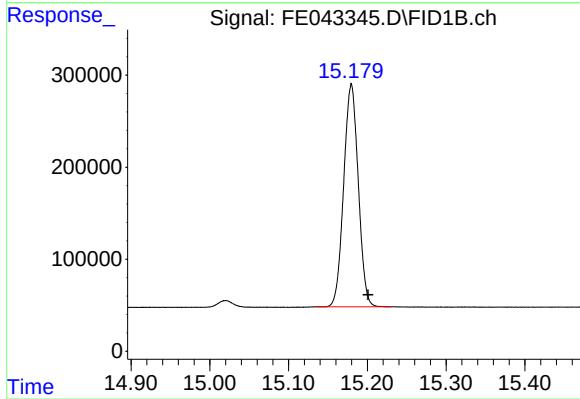
R.T.: 13.326 min
Delta R.T.: -0.020 min
Response: 2810291
Conc: 21.39 ug/ml



#13 n-Docosane (C22)

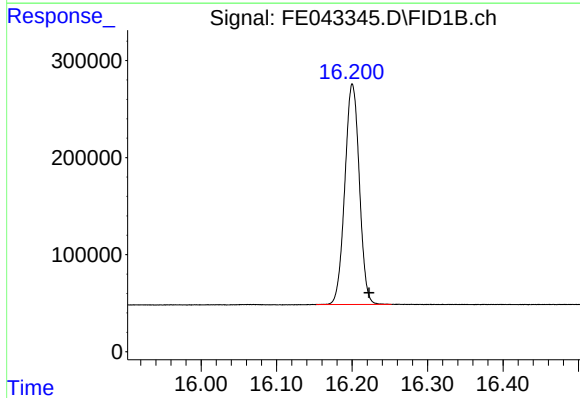
R.T.: 14.078 min
Delta R.T.: -0.021 min
Response: 3174716
Conc: 21.24 ug/ml

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20 PPM ALIPHATIC HC STD



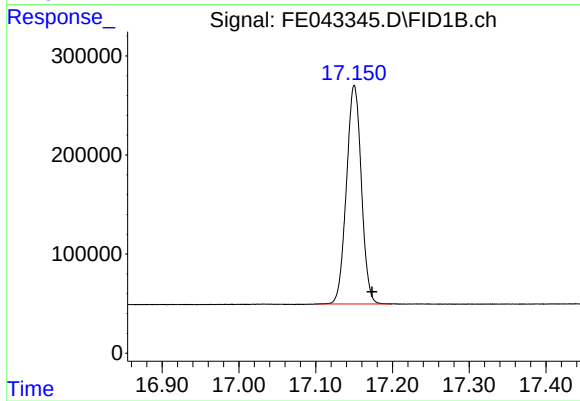
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: -0.021 min
Response: 3114590
Conc: 21.21 ug/ml



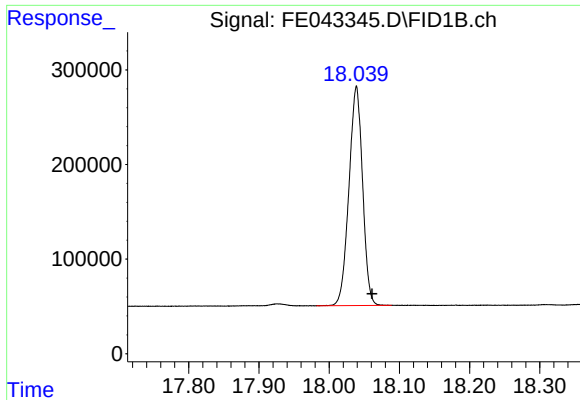
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: -0.022 min
Response: 3034413
Conc: 21.30 ug/ml



#16 n-Octacosane (C28)

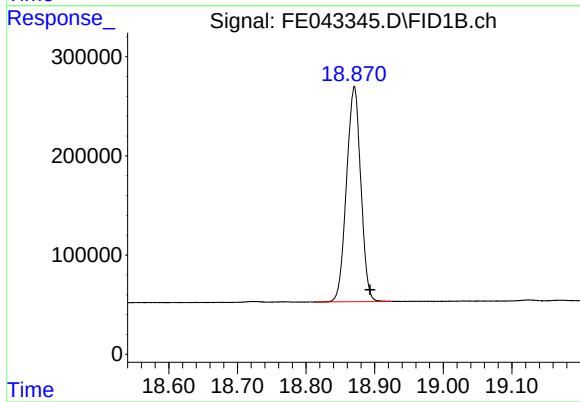
R.T.: 17.150 min
Delta R.T.: -0.023 min
Response: 2986725
Conc: 21.23 ug/ml



#17 n-Tricontane (C30)

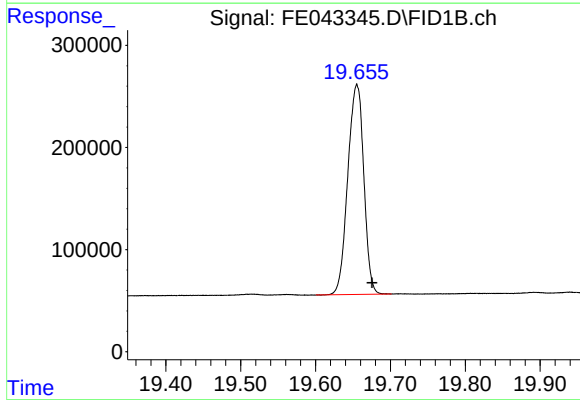
R.T.: 18.039 min
Delta R.T.: -0.022 min
Response: 3124776
Conc: 21.21 ug/ml

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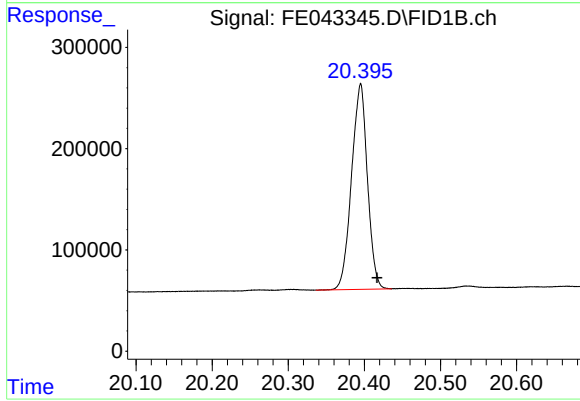
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.023 min
Response: 3142150
Conc: 21.21 ug/ml



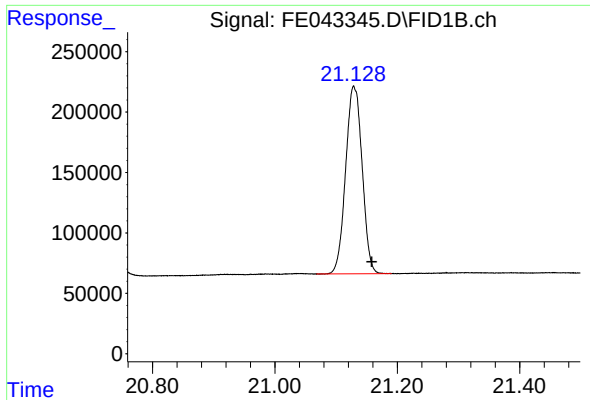
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.020 min
Response: 3052747
Conc: 21.15 ug/ml



#20 n-Hexatriacontane (C36)

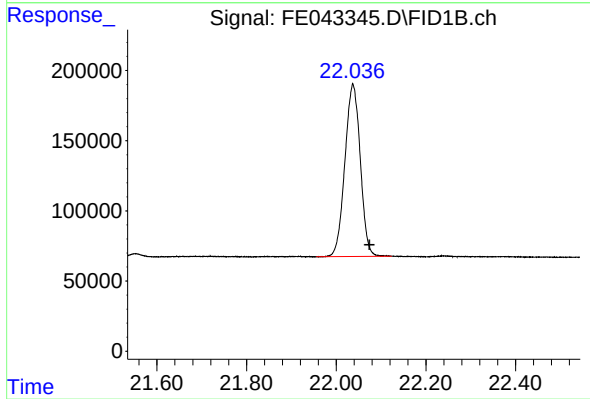
R.T.: 20.395 min
Delta R.T.: -0.021 min
Response: 2939756
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: -0.030 min
Response: 2906104
Conc: 20.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: -0.037 min
Response: 2921525
Conc: 19.80 ug/ml