

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071223AL\
 Data File : FE043171.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2023 09:41
 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 12 13:29:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.904	3779994	20.577 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
12) S 1-chlorooctadecane (S...	13.341	2786429	20.475 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T n-Nonane (C9)	3.282	3276185	21.209 ug/ml
2) T n-Decane (C10)	4.534	3362855	21.290 ug/ml
3) T A~Naphthalene (C11.7)	6.244	3523875	20.812 ug/ml
4) T n-Dodecane (C12)	6.704	3389554	21.176 ug/ml
5) T A~2-methylnaphthalene...	7.342	3341742	20.611 ug/ml
6) T n-Tetradecane (C14)	8.534	3360943	21.118 ug/ml
7) T n-Hexadecane (C16)	10.142	3430873	20.831 ug/ml
8) T n-Octadecane (C18)	11.585	3445352	20.728 ug/ml
10) T n-Eicosane (C20)	12.895	3272910	20.626 ug/ml
11) T n-Heneicosane (C21)	13.506	3188336	20.608 ug/ml
13) T n-Docosane (C22)	14.093	3140604	20.617 ug/ml
14) T n-Tetracosane (C24)	15.196	3070624	20.695 ug/ml
15) T n-Hexacosane (C26)	16.217	2971856	20.788 ug/ml
16) T n-Octacosane (C28)	17.168	2890748	20.842 ug/ml
17) T n-Tricontane (C30)	18.055	2949137	20.852 ug/ml
18) T n-Dotriacontane (C32)	18.889	2935783	20.931 ug/ml
19) T n-Tetratriacontane (C34)	19.673	2877924	21.030 ug/ml
20) T n-Hexatriacontane (C36)	20.412	2773421	20.738 ug/ml
21) T n-Octatriacontane (C38)	21.152	2745555	20.137 ug/ml
22) T n-Tetracontane (C40)	22.066	2858325	20.544 ug/ml

(f)=RT Delta > 1/2 Window

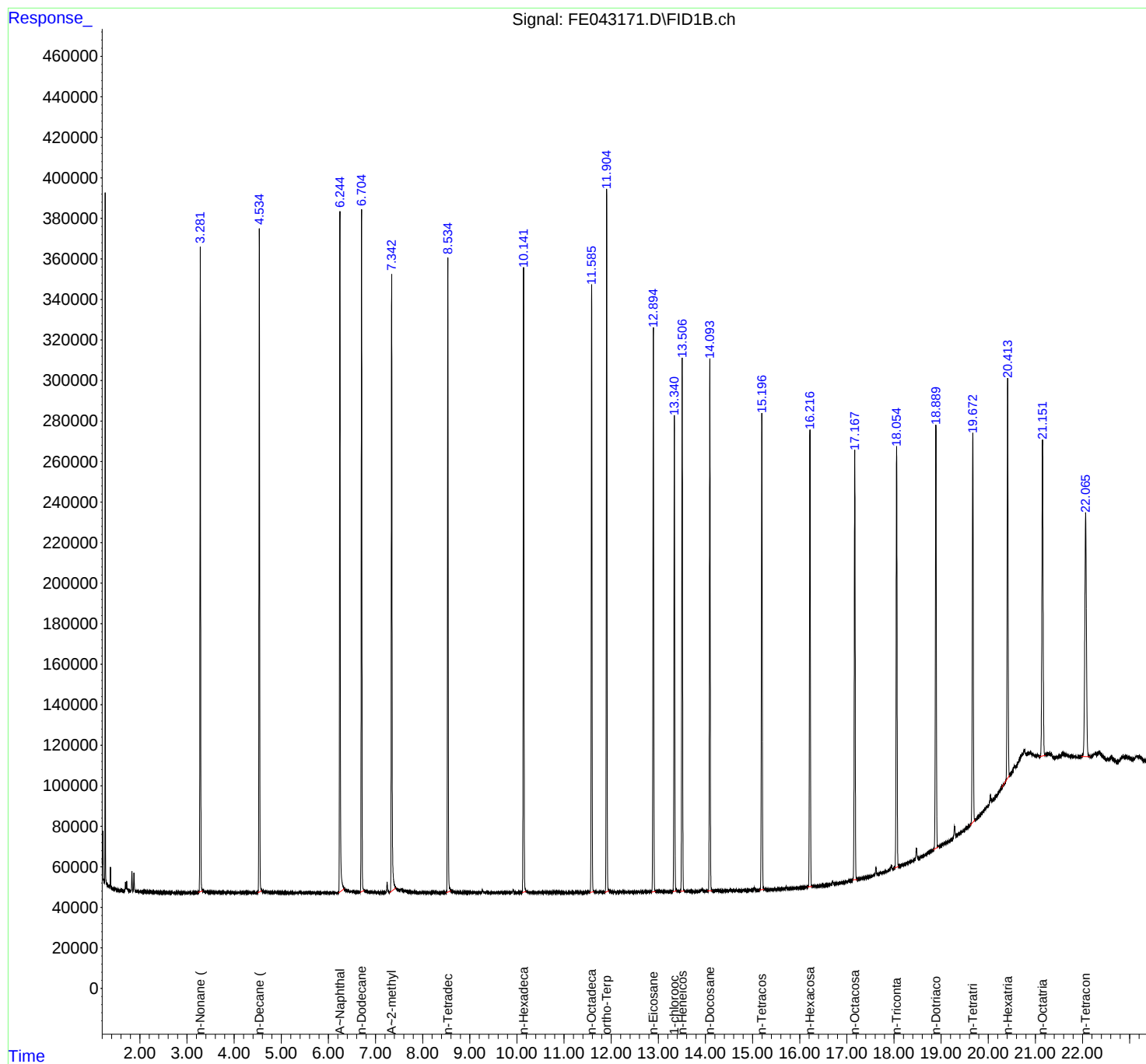
(m)=manual int.

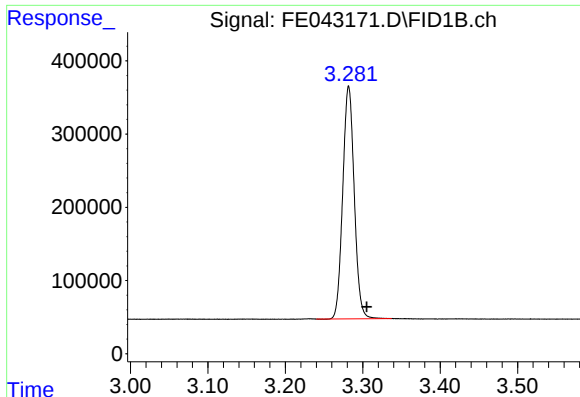
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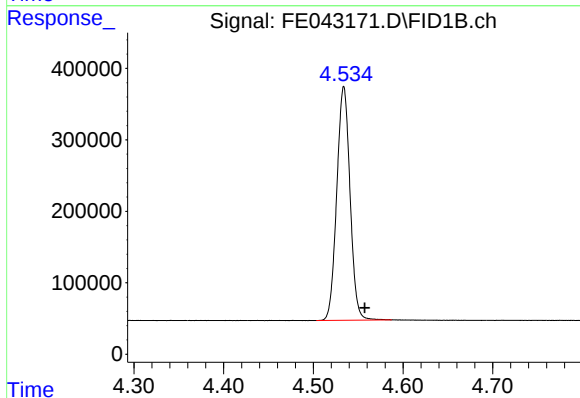




#1 n-Nonane (C9)

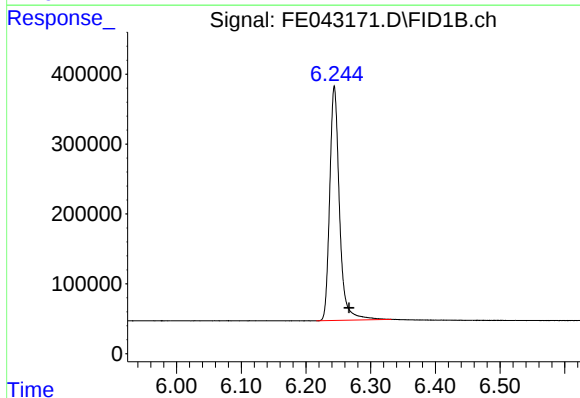
R.T.: 3.282 min
Delta R.T.: -0.023 min
Response: 3276185
Conc: 21.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



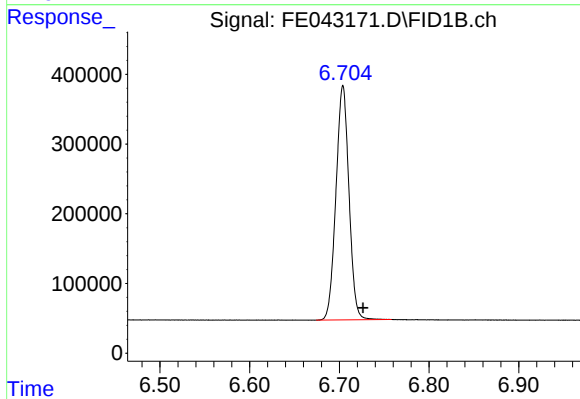
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.023 min
Response: 3362855
Conc: 21.29 ug/ml



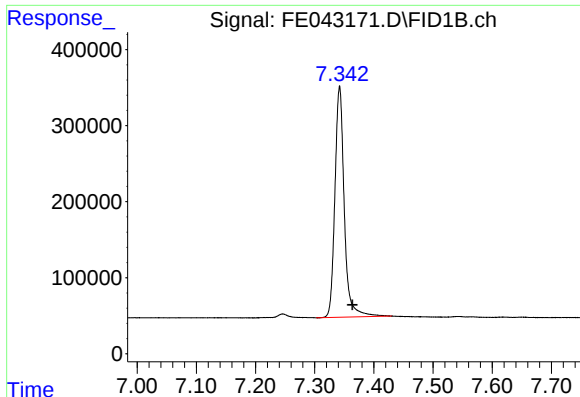
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: -0.022 min
Response: 3523875
Conc: 20.81 ug/ml



#4 n-Dodecane (C12)

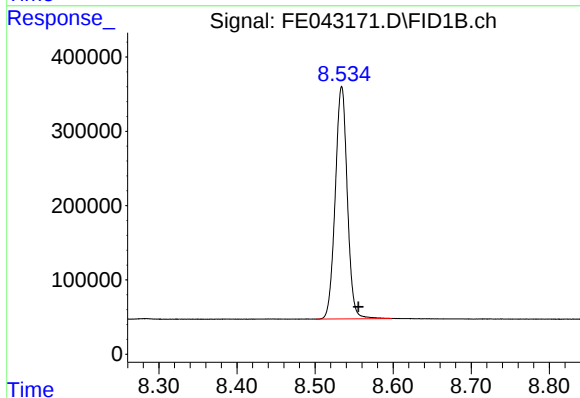
R.T.: 6.704 min
Delta R.T.: -0.022 min
Response: 3389554
Conc: 21.18 ug/ml



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

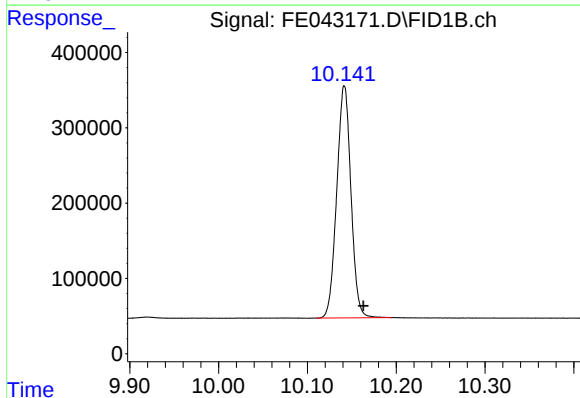
R.T.: 7.342 min
Delta R.T.: -0.021 min
Response: 3341742
Conc: 20.61 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



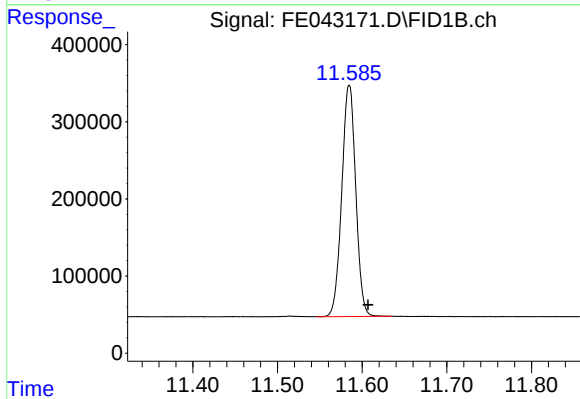
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: -0.021 min
Response: 3360943
Conc: 21.12 ug/ml



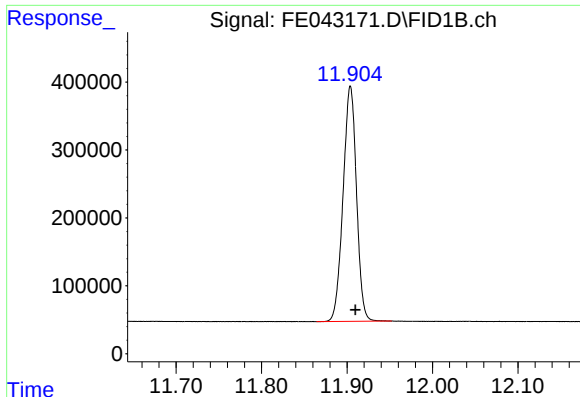
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.021 min
Response: 3430873
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

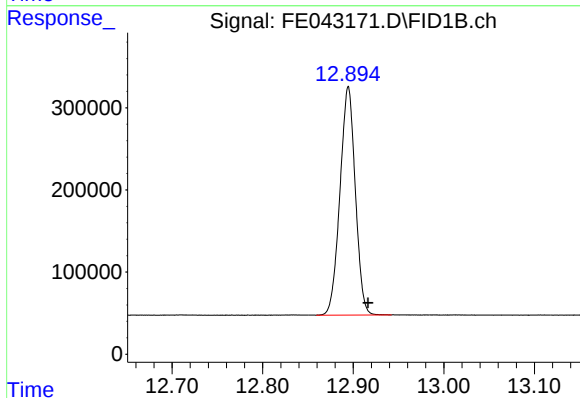
R.T.: 11.585 min
Delta R.T.: -0.022 min
Response: 3445352
Conc: 20.73 ug/ml



#9 ortho-Terphenyl (SURR)

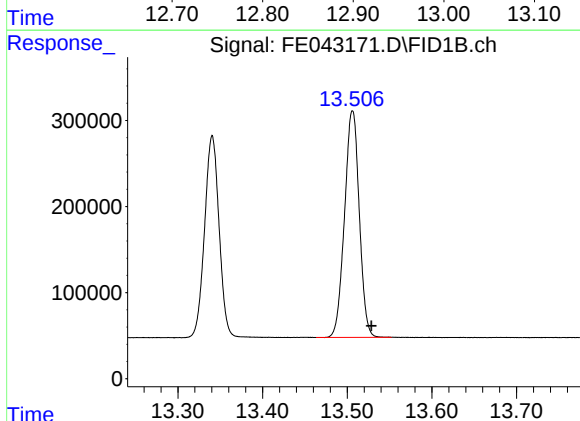
R.T.: 11.904 min
Delta R.T.: -0.006 min
Response: 3779994
Conc: 20.58 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



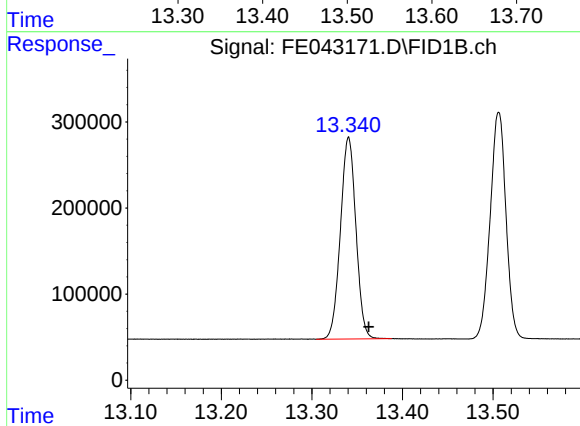
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.022 min
Response: 3272910
Conc: 20.63 ug/ml



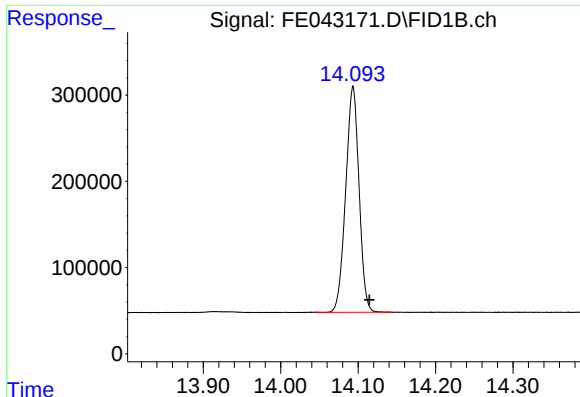
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.022 min
Response: 3188336
Conc: 20.61 ug/ml



#12 1-chlorooctadecane (SURR)

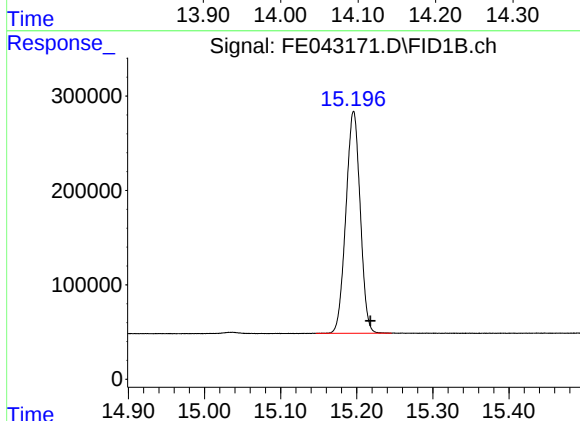
R.T.: 13.341 min
Delta R.T.: -0.022 min
Response: 2786429
Conc: 20.47 ug/ml



#13 n-Docosane (C22)

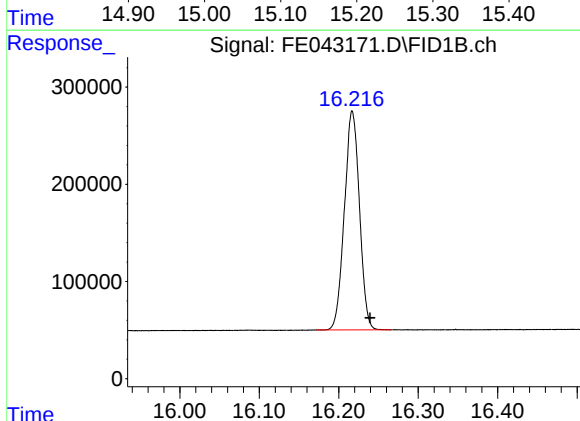
R.T.: 14.093 min
Delta R.T.: -0.021 min
Response: 3140604
Conc: 20.62 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



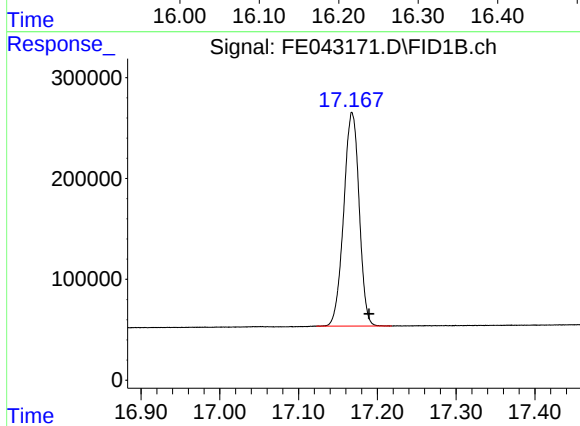
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: -0.022 min
Response: 3070624
Conc: 20.70 ug/ml



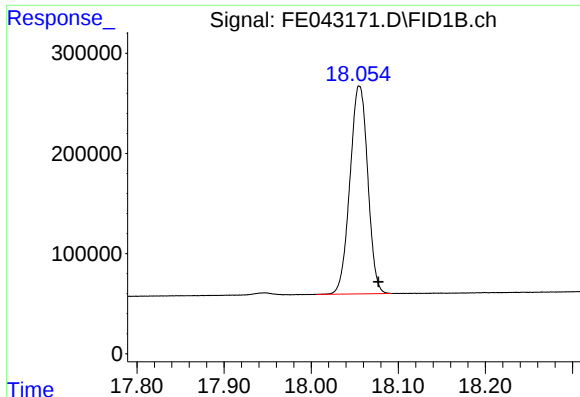
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: -0.023 min
Response: 2971856
Conc: 20.79 ug/ml



#16 n-Octacosane (C28)

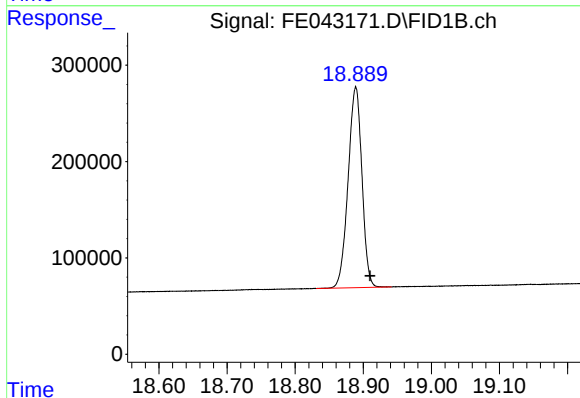
R.T.: 17.168 min
Delta R.T.: -0.021 min
Response: 2890748
Conc: 20.84 ug/ml



#17 n-Tricontane (C30)

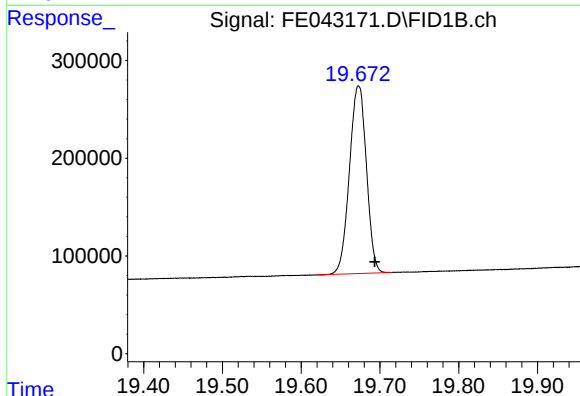
R.T.: 18.055 min
Delta R.T.: -0.022 min
Response: 2949137
Conc: 20.85 ug/ml

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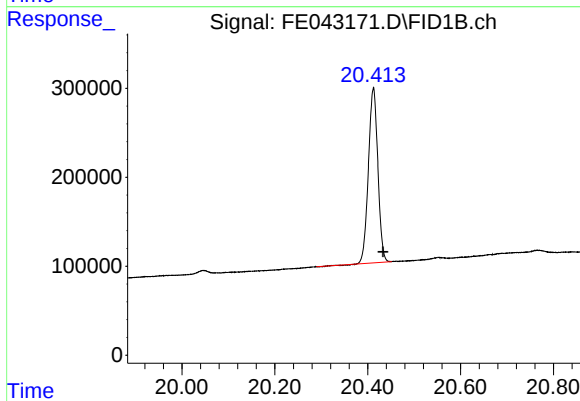
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.021 min
Response: 2935783
Conc: 20.93 ug/ml



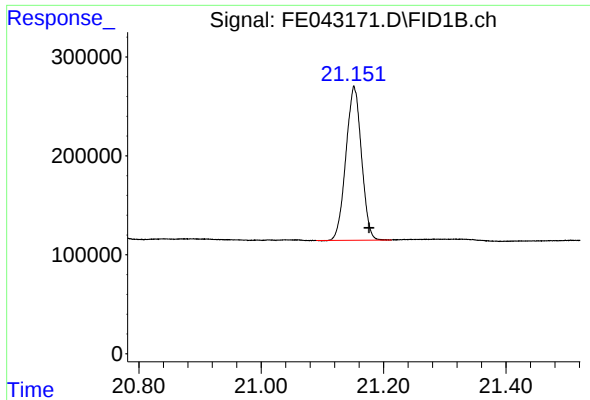
#19 n-Tetratriacontane (C34)

R.T.: 19.673 min
Delta R.T.: -0.020 min
Response: 2877924
Conc: 21.03 ug/ml



#20 n-Hexatriacontane (C36)

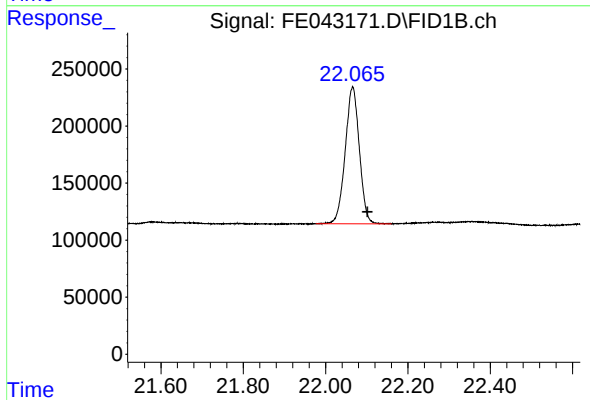
R.T.: 20.412 min
Delta R.T.: -0.021 min
Response: 2773421
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.152 min
Delta R.T.: -0.025 min
Response: 2745555
Conc: 20.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.035 min
Response: 2858325
Conc: 20.54 ug/ml