

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103125AL\
 Data File : FE056611.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2025 14:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 31 23:14:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 2025
 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)	11.972	3953954	18.926 ug/ml
Spiked Amount 50.000		Recovery =	37.85%
12) S 1-chlorooctadecane (S...	13.411	3022638	18.761 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
Target Compounds			
1) T n-Nonane (C9)	3.324	3032356	18.054 ug/ml
2) T n-Decane (C10)	4.577	3228970	18.817 ug/ml
3) T A~Naphthalene (C11.7)	6.293	3407416	18.460 ug/ml
4) T n-Dodecane (C12)	6.751	3367791	19.363 ug/ml
5) T A~2-methylnaphthalene...	7.393	3275705	18.484 ug/ml
6) T n-Tetradecane (C14)	8.586	3376033	19.341 ug/ml
7) T n-Hexadecane (C16)	10.200	3521879	19.250 ug/ml
8) T n-Octadecane (C18)	11.649	3634617	19.203 ug/ml
10) T n-Eicosane (C20)	12.963	3520745	18.892 ug/ml
11) T n-Heneicosane (C21)	13.577	3468260	18.861 ug/ml
13) T n-Docosane (C22)	14.164	3438439	18.368 ug/ml
14) T n-Tetracosane (C24)	15.271	3413163	17.426 ug/ml
15) T n-Hexacosane (C26)	16.296	3308544	17.025 ug/ml
16) T n-Octacosane (C28)	17.248	3213751	16.595 ug/ml
17) T n-Tricontane (C30)	18.139	3323251	16.575 ug/ml
18) T n-Dotriacontane (C32)	18.974	3254359	16.549 ug/ml
19) T n-Tetratriacontane (C34)	19.759	2931225	16.982 ug/ml
20) T n-Hexatriacontane (C36)	20.500	2521853	17.433 ug/ml
21) T n-Octatriacontane (C38)	21.255	2258844	17.947 ug/ml
22) T n-Tetracontane (C40)	22.201	2145625	18.559 ug/ml

(f)=RT Delta > 1/2 Window

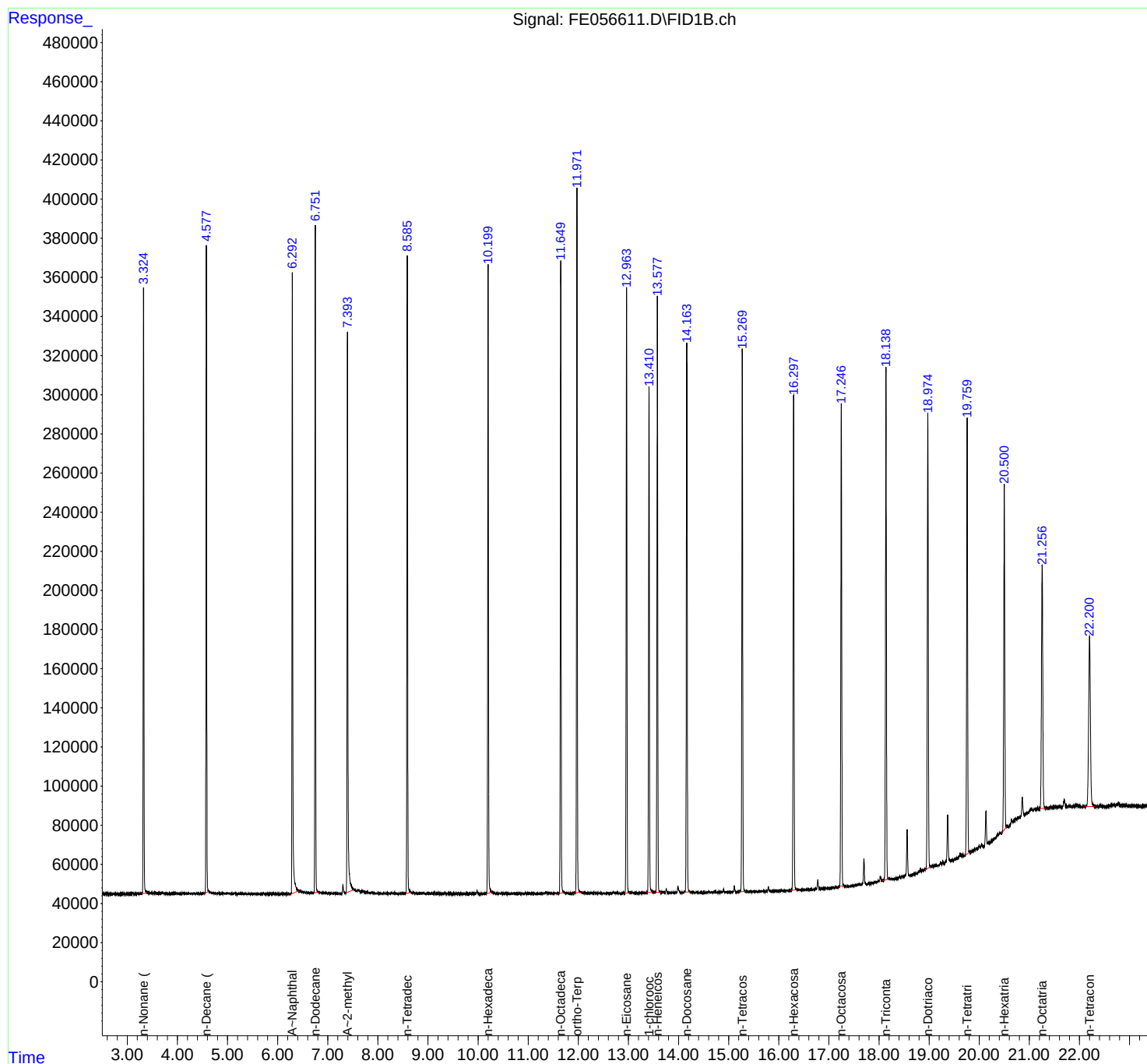
(m)=manual int.

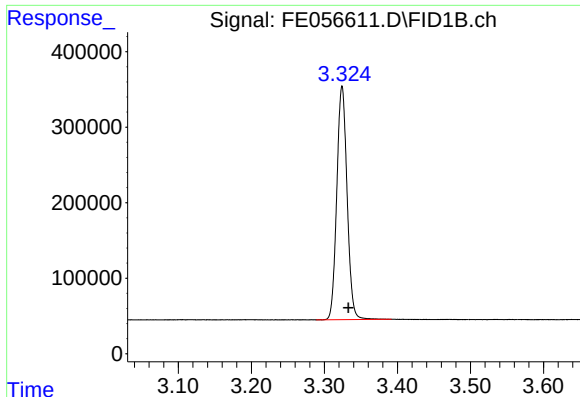
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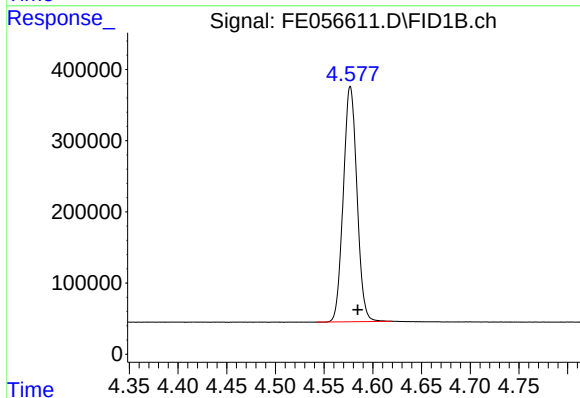




#1 n-Nonane (C9)

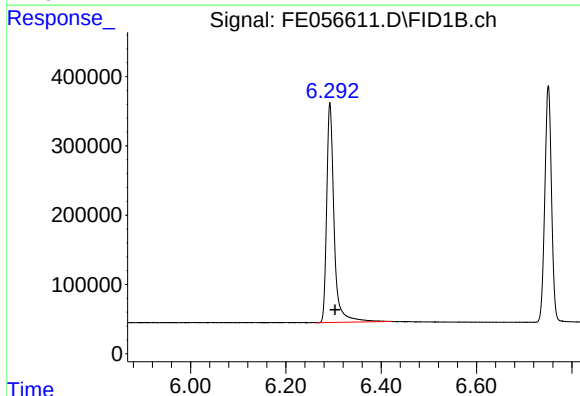
R.T.: 3.324 min
Delta R.T.: -0.009 min
Response: 3032356
Conc: 18.05 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



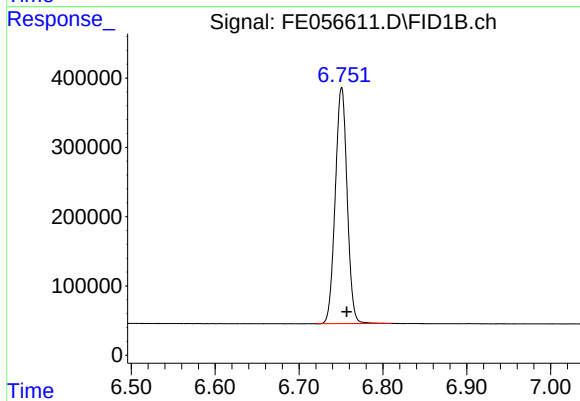
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.007 min
Response: 3228970
Conc: 18.82 ug/ml



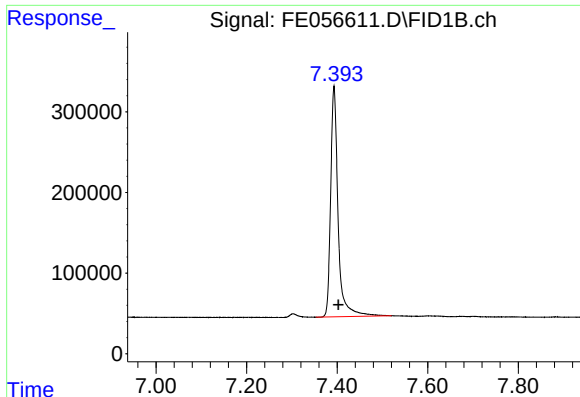
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.011 min
Response: 3407416
Conc: 18.46 ug/ml



#4 n-Dodecane (C12)

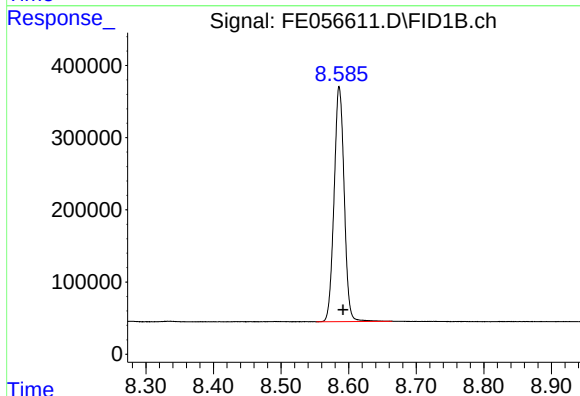
R.T.: 6.751 min
Delta R.T.: -0.006 min
Response: 3367791
Conc: 19.36 ug/ml



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

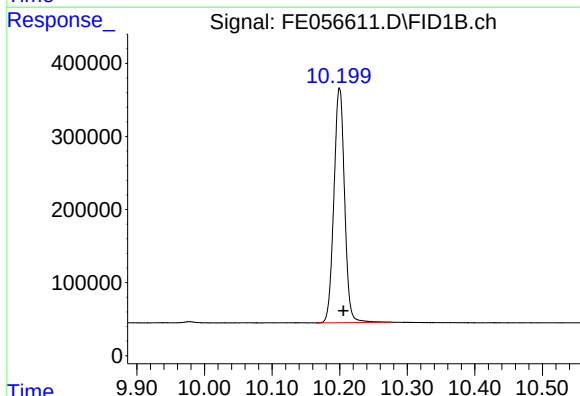
R.T.: 7.393 min
Delta R.T.: -0.010 min
Response: 3275705
Conc: 18.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



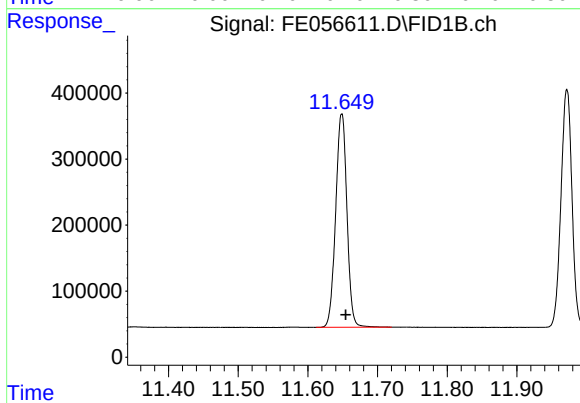
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: -0.006 min
Response: 3376033
Conc: 19.34 ug/ml



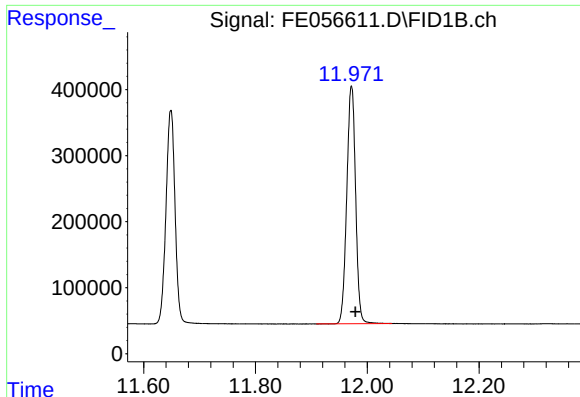
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.006 min
Response: 3521879
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

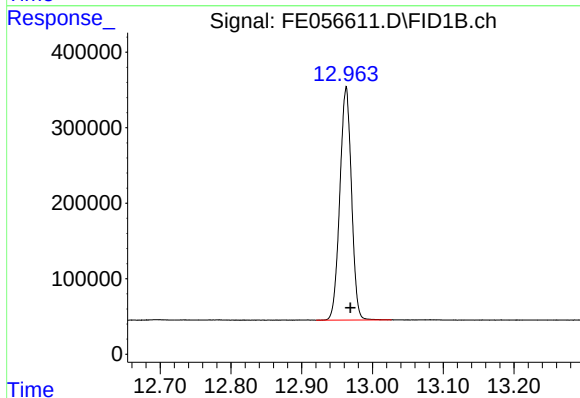
R.T.: 11.649 min
Delta R.T.: -0.006 min
Response: 3634617
Conc: 19.20 ug/ml



#9 ortho-Terphenyl (SURR)

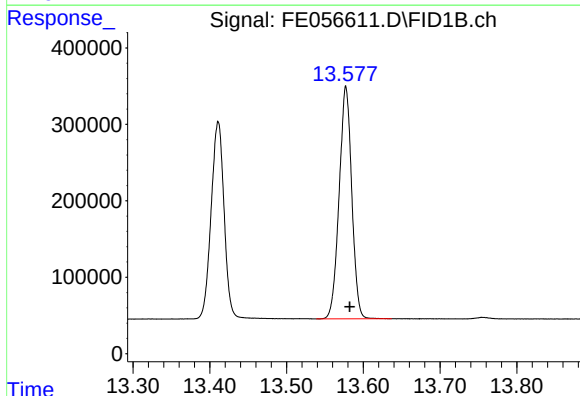
R.T.: 11.972 min
Delta R.T.: -0.007 min
Response: 3953954
Conc: 18.93 ug/ml

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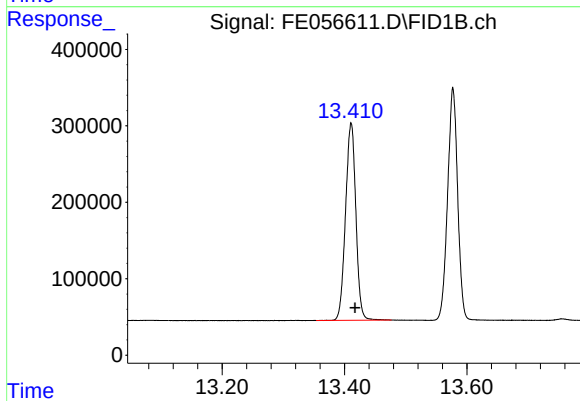
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.006 min
Response: 3520745
Conc: 18.89 ug/ml



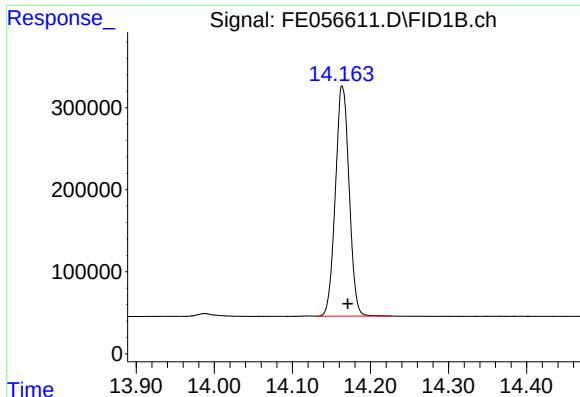
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: -0.005 min
Response: 3468260
Conc: 18.86 ug/ml



#12 1-chlorooctadecane (SURR)

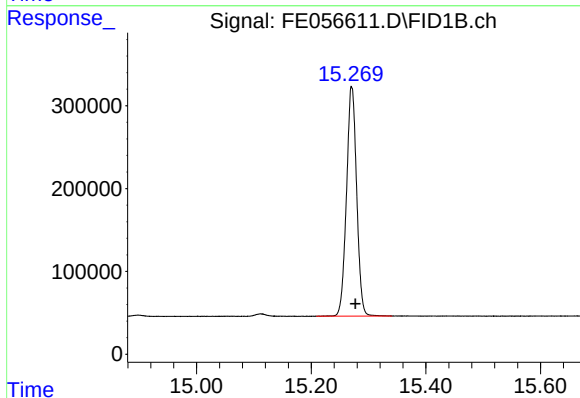
R.T.: 13.411 min
Delta R.T.: -0.006 min
Response: 3022638
Conc: 18.76 ug/ml



#13 n-Docosane (C22)

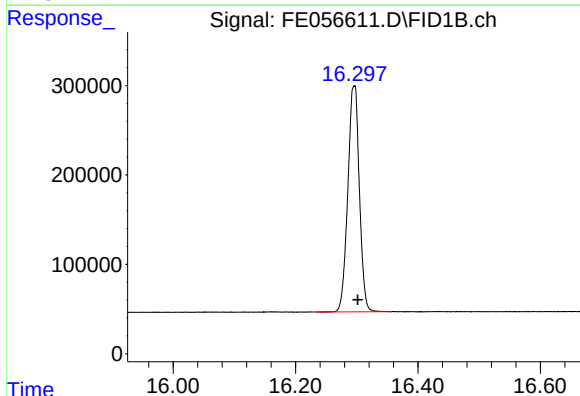
R.T.: 14.164 min
Delta R.T.: -0.007 min
Response: 3438439
Conc: 18.37 ug/ml

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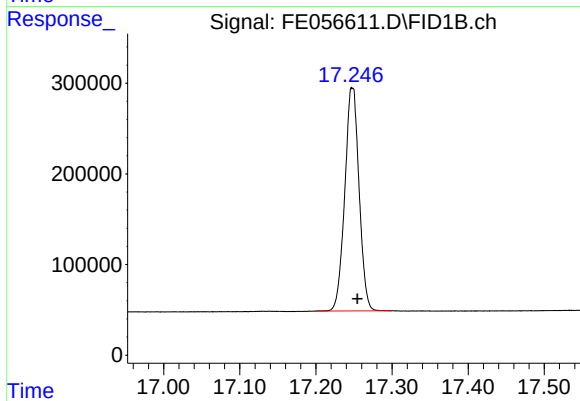
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: -0.007 min
Response: 3413163
Conc: 17.43 ug/ml



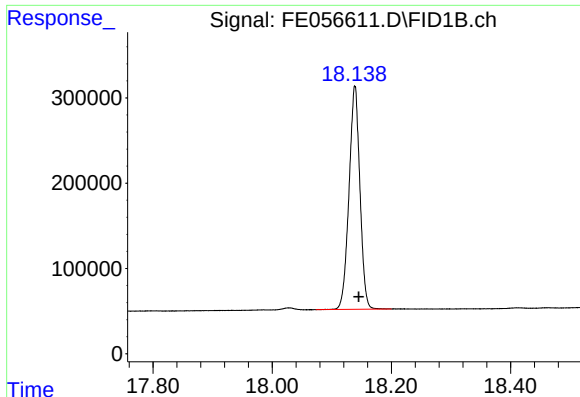
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: -0.006 min
Response: 3308544
Conc: 17.02 ug/ml



#16 n-Octacosane (C28)

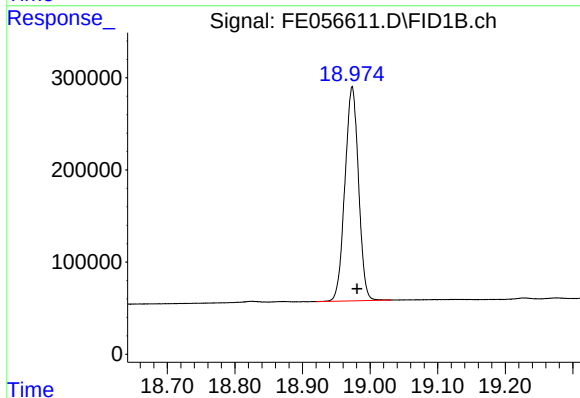
R.T.: 17.248 min
Delta R.T.: -0.007 min
Response: 3213751
Conc: 16.59 ug/ml



#17 n-Tricontane (C30)

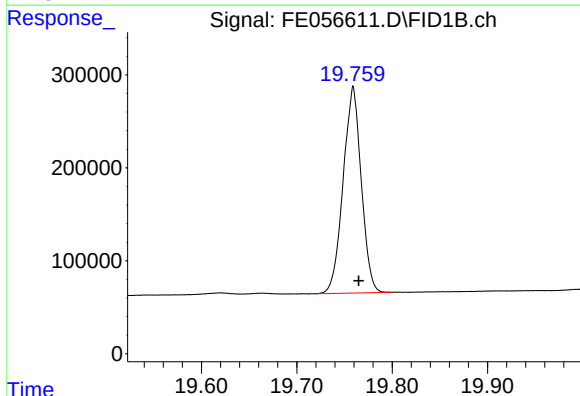
R.T.: 18.139 min
Delta R.T.: -0.006 min
Response: 3323251
Conc: 16.58 ug/ml

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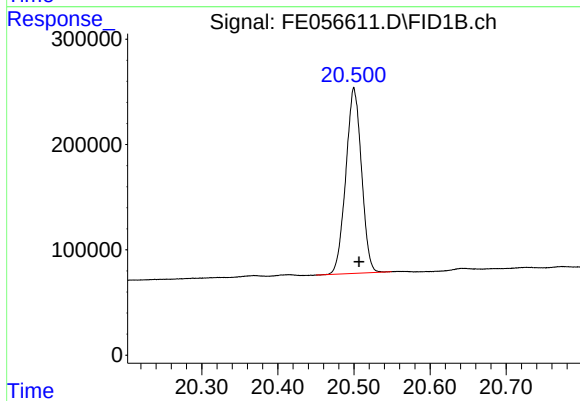
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: -0.007 min
Response: 3254359
Conc: 16.55 ug/ml



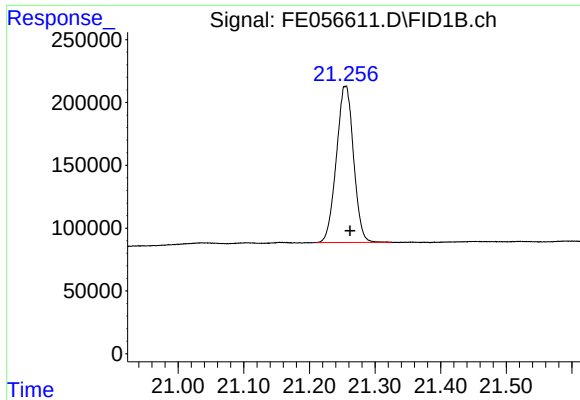
#19 n-Tetratriacontane (C34)

R.T.: 19.759 min
Delta R.T.: -0.006 min
Response: 2931225
Conc: 16.98 ug/ml



#20 n-Hexatriacontane (C36)

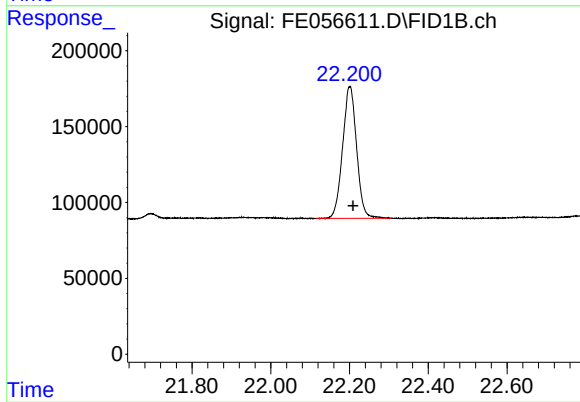
R.T.: 20.500 min
Delta R.T.: -0.007 min
Response: 2521853
Conc: 17.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.255 min
Delta R.T.: -0.007 min
Response: 2258844
Conc: 17.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.201 min
Delta R.T.: -0.008 min
Response: 2145625
Conc: 18.56 ug/ml