

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111325AL\
 Data File : FE056838.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2025 02:04
 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: sample.E
 Quant Time: Nov 14 04:19:34 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)	11.949	3600386	17.234 ug/ml
Spiked Amount 50.000		Recovery =	34.47%
12) S 1-chlorooctadecane (S...	13.387	2731498	16.954 ug/ml
Spiked Amount 50.000		Recovery =	33.91%
Target Compounds			
1) T n-Nonane (C9)	3.312	3061668	18.228 ug/ml
2) T n-Decane (C10)	4.564	3242303	18.895 ug/ml
3) T A~Naphthalene (C11.7)	6.278	3323440	18.005 ug/ml
4) T n-Dodecane (C12)	6.735	3339781	19.202 ug/ml
5) T A~2-methylnaphthalene...	7.377	3140840	17.723 ug/ml
6) T n-Tetradecane (C14)	8.568	3292902	18.865 ug/ml
7) T n-Hexadecane (C16)	10.180	3377026	18.458 ug/ml
8) T n-Octadecane (C18)	11.627	3398791	17.957 ug/ml
10) T n-Eicosane (C20)	12.939	3227989	17.321 ug/ml
11) T n-Heneicosane (C21)	13.553	3143853	17.097 ug/ml
13) T n-Docosane (C22)	14.141	3137174	16.758 ug/ml
14) T n-Tetracosane (C24)	15.246	3181979	16.246 ug/ml
15) T n-Hexacosane (C26)	16.269	3136129	16.138 ug/ml
16) T n-Octacosane (C28)	17.222	3159611	16.315 ug/ml
17) T n-Tricontane (C30)	18.112	3296580	16.442 ug/ml
18) T n-Dotriacontane (C32)	18.946	3308121	16.822 ug/ml
19) T n-Tetratriacontane (C34)	19.731	3111737	18.028 ug/ml
20) T n-Hexatriacontane (C36)	20.473	2717578	18.786 ug/ml
21) T n-Octatriacontane (C38)	21.220	2435759	19.353 ug/ml
22) T n-Tetracontane (C40)	22.154f	2373902	20.533 ug/ml

(f)=RT Delta > 1/2 Window

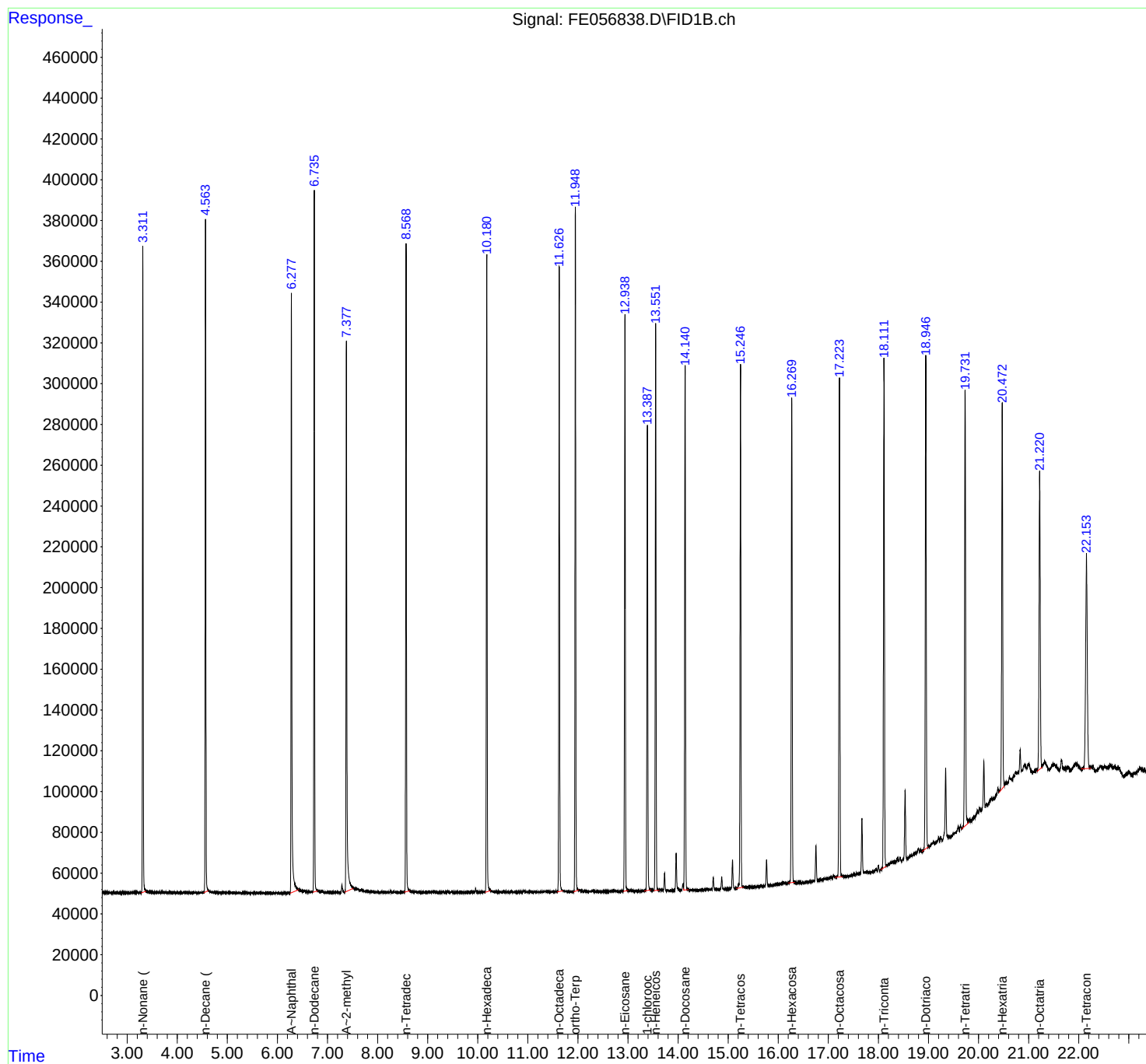
(m)=manual int.

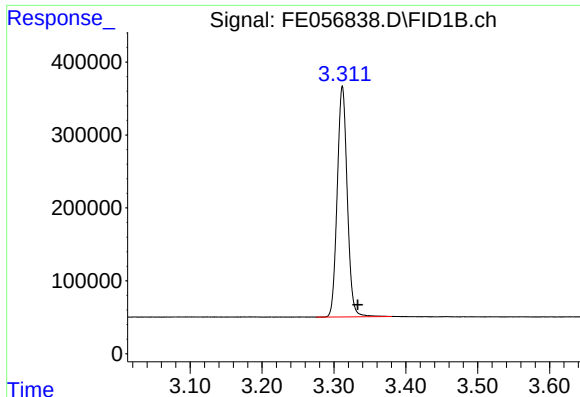
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111325AL\
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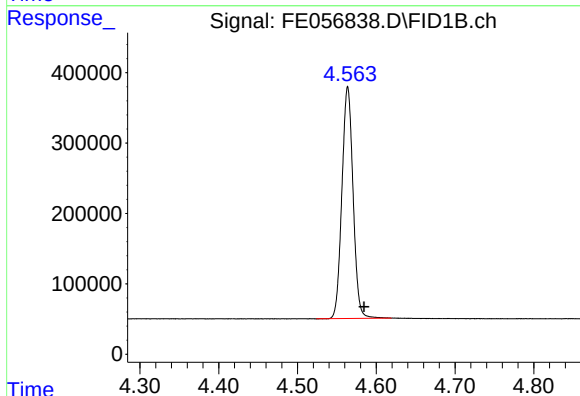




#1 n-Nonane (C9)

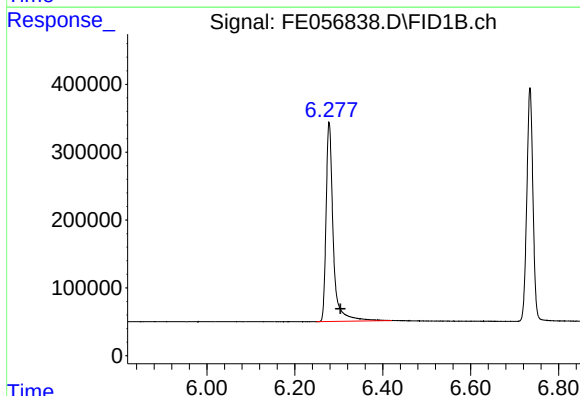
R.T.: 3.312 min
Delta R.T.: -0.021 min
Response: 3061668
Conc: 18.23 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



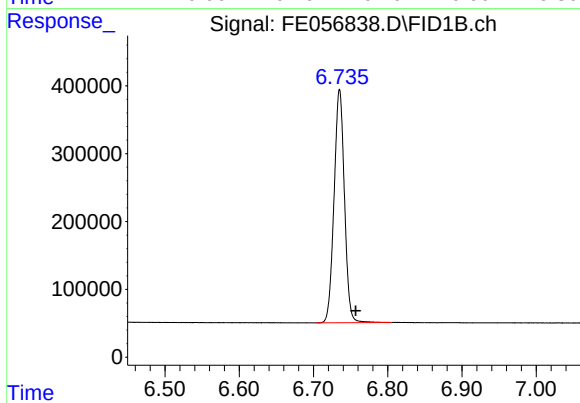
#2 n-Decane (C10)

R.T.: 4.564 min
Delta R.T.: -0.021 min
Response: 3242303
Conc: 18.90 ug/ml



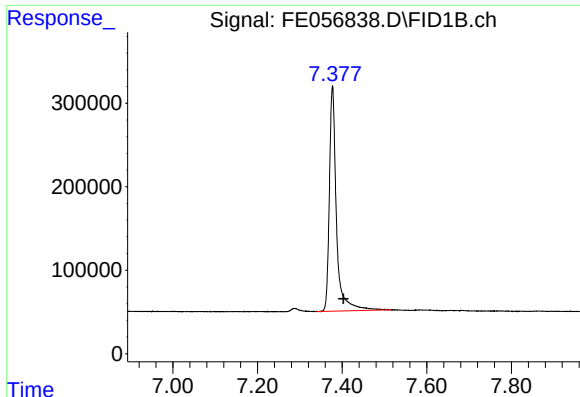
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.025 min
Response: 3323440
Conc: 18.00 ug/ml



#4 n-Dodecane (C12)

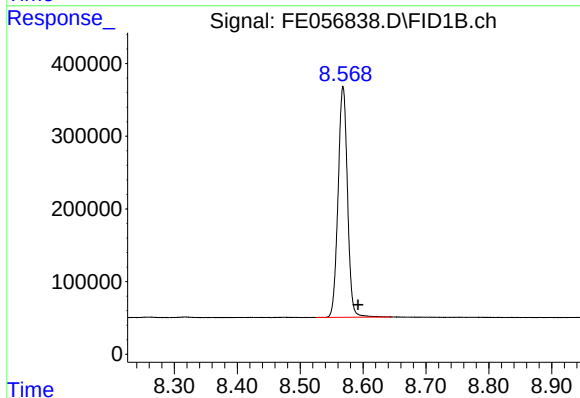
R.T.: 6.735 min
Delta R.T.: -0.022 min
Response: 3339781
Conc: 19.20 ug/ml



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

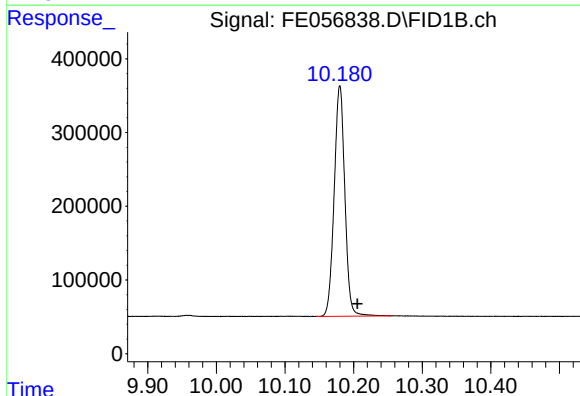
R.T.: 7.377 min
Delta R.T.: -0.026 min
Response: 3140840
Conc: 17.72 ug/ml

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20 PPM ALIPHATIC HC STD



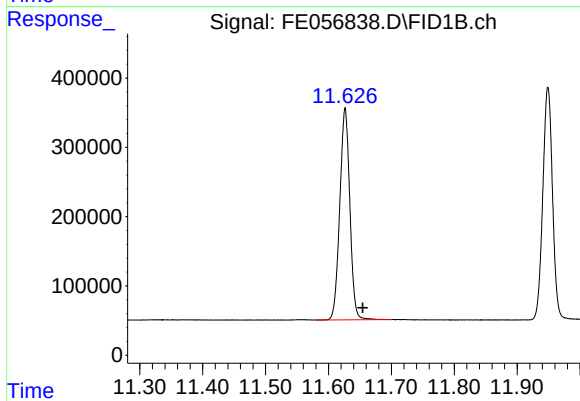
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.024 min
Response: 3292902
Conc: 18.86 ug/ml



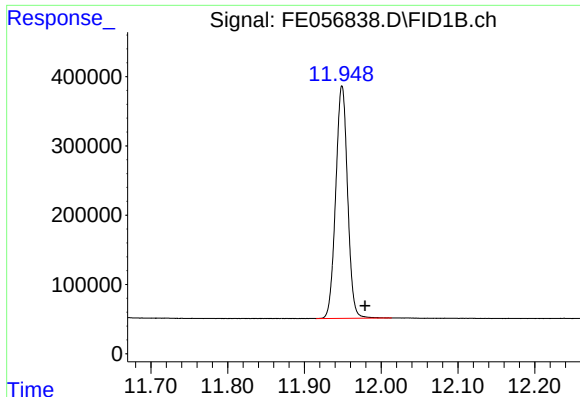
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.026 min
Response: 3377026
Conc: 18.46 ug/ml



#8 n-Octadecane (C18)

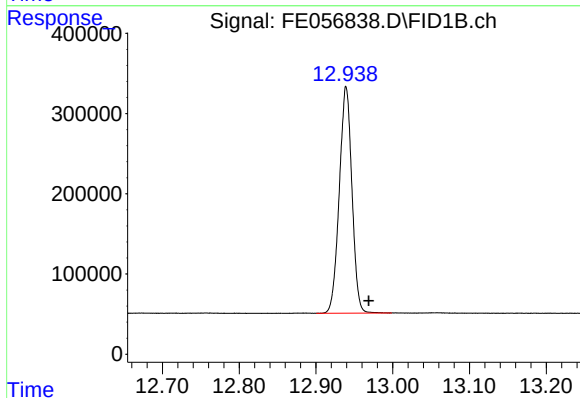
R.T.: 11.627 min
Delta R.T.: -0.028 min
Response: 3398791
Conc: 17.96 ug/ml



#9 ortho-Terphenyl (SURR)

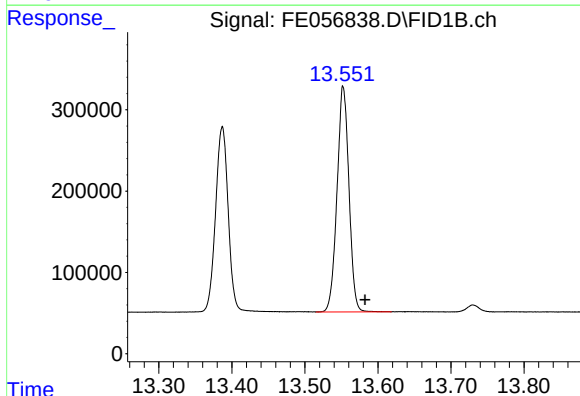
R.T.: 11.949 min
Delta R.T.: -0.030 min
Response: 3600386
Conc: 17.23 ug/ml

Instrument :
FID_E
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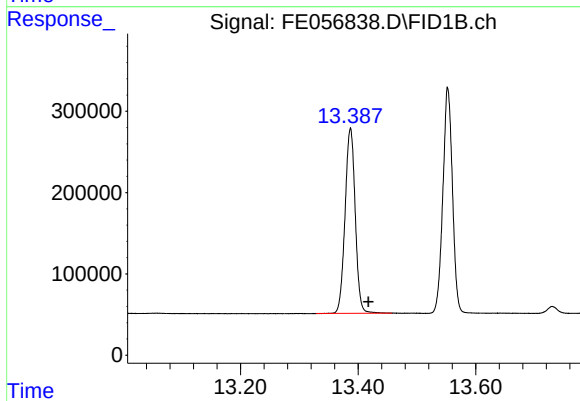
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: -0.030 min
Response: 3227989
Conc: 17.32 ug/ml



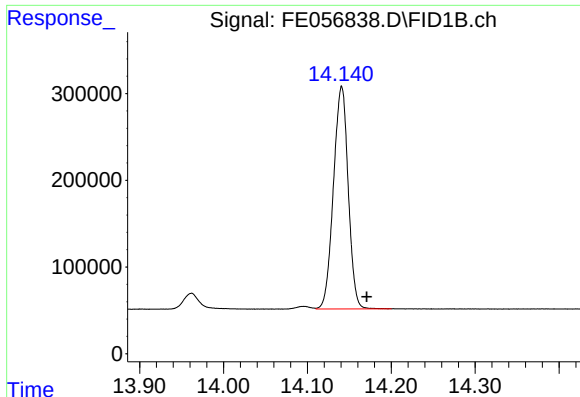
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.030 min
Response: 3143853
Conc: 17.10 ug/ml



#12 1-chlorooctadecane (SURR)

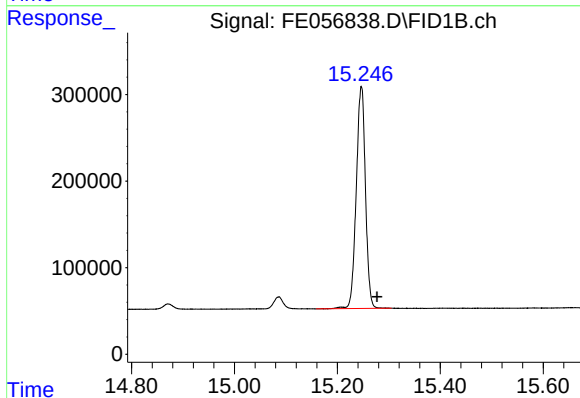
R.T.: 13.387 min
Delta R.T.: -0.030 min
Response: 2731498
Conc: 16.95 ug/ml



#13 n-Docosane (C22)

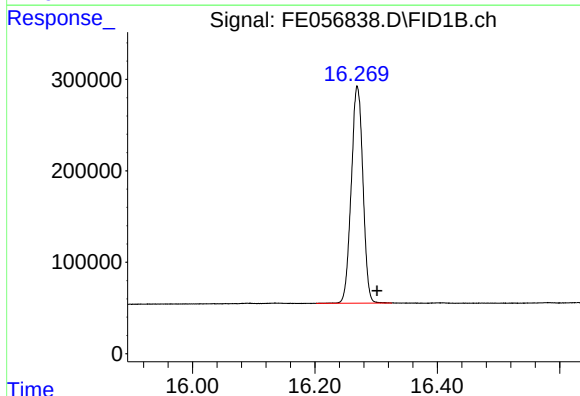
R.T.: 14.141 min
Delta R.T.: -0.030 min
Response: 3137174
Conc: 16.76 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



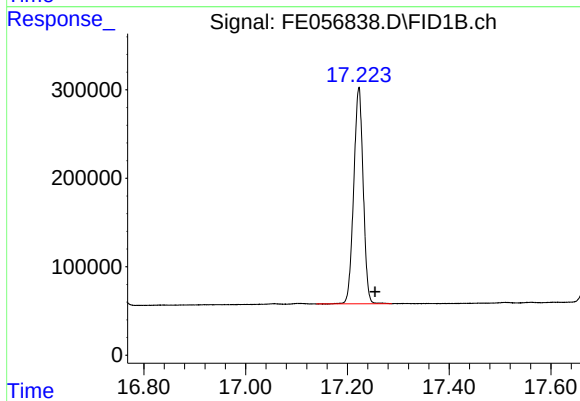
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.031 min
Response: 3181979
Conc: 16.25 ug/ml



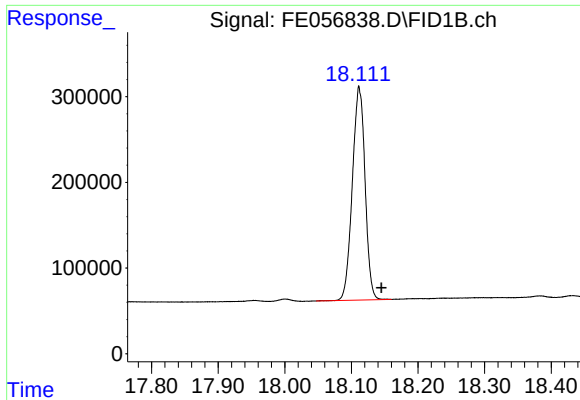
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: -0.033 min
Response: 3136129
Conc: 16.14 ug/ml



#16 n-Octacosane (C28)

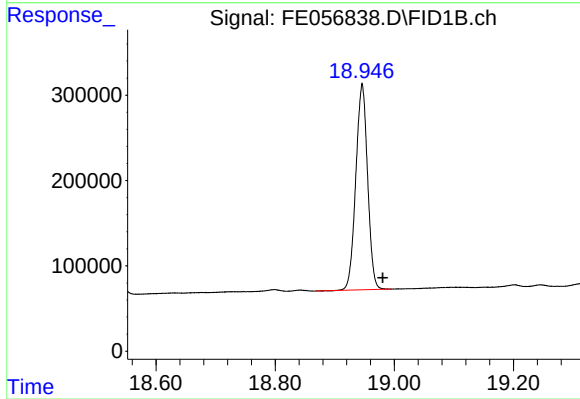
R.T.: 17.222 min
Delta R.T.: -0.032 min
Response: 3159611
Conc: 16.32 ug/ml



#17 n-Tricontane (C30)

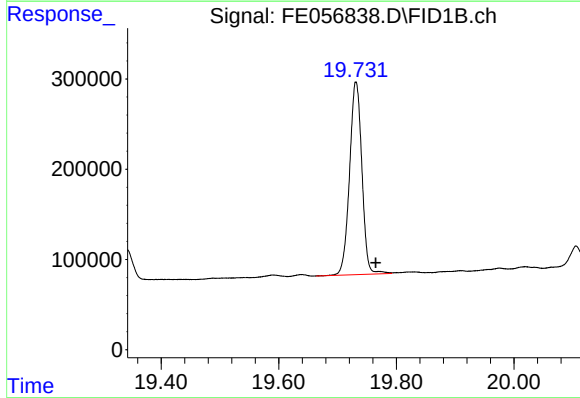
R.T.: 18.112 min
Delta R.T.: -0.033 min
Response: 3296580
Conc: 16.44 ug/ml

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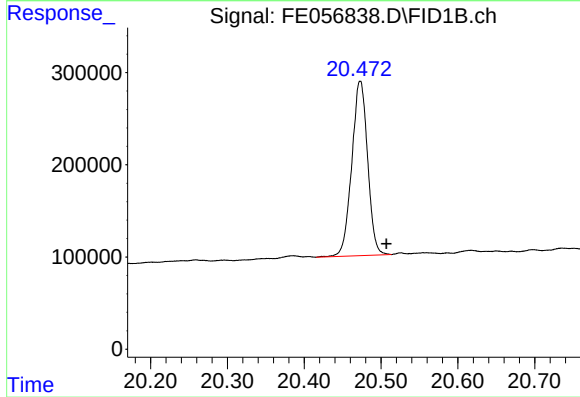
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: -0.035 min
Response: 3308121
Conc: 16.82 ug/ml



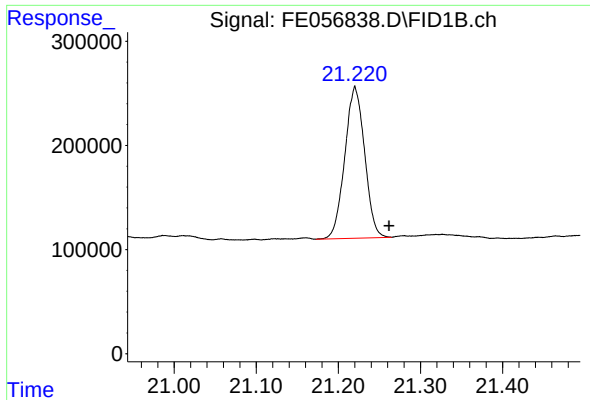
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.033 min
Response: 3111737
Conc: 18.03 ug/ml



#20 n-Hexatriacontane (C36)

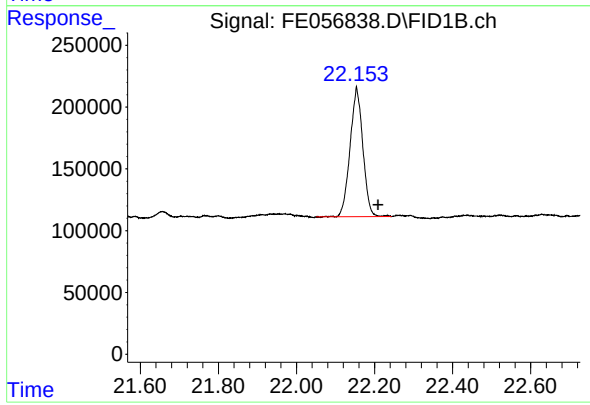
R.T.: 20.473 min
Delta R.T.: -0.034 min
Response: 2717578
Conc: 18.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: -0.041 min
Response: 2435759
Conc: 19.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: -0.055 min
Response: 2373902
Conc: 20.53 ug/ml