

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111425AL\
 Data File : FE056841.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2025 10:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 14 20:24:55 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)	11.950	3937692	18.848 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
12) S 1-chlorooctadecane (S...	13.387	2985199	18.528 ug/ml
Spiked Amount 50.000		Recovery =	37.06%
Target Compounds			
1) T n-Nonane (C9)	3.312	3147811	18.741 ug/ml
2) T n-Decane (C10)	4.564	3586558	20.901 ug/ml
3) T A~Naphthalene (C11.7)	6.278	3666670	19.864 ug/ml
4) T n-Dodecane (C12)	6.735	3714400	21.356 ug/ml
5) T A~2-methylnaphthalene...	7.377	3494521	19.718 ug/ml
6) T n-Tetradecane (C14)	8.568	3648180	20.900 ug/ml
7) T n-Hexadecane (C16)	10.180	3705186	20.252 ug/ml
8) T n-Octadecane (C18)	11.628	3717465	19.641 ug/ml
10) T n-Eicosane (C20)	12.940	3524360	18.911 ug/ml
11) T n-Heneicosane (C21)	13.553	3433591	18.673 ug/ml
13) T n-Docosane (C22)	14.141	3432397	18.335 ug/ml
14) T n-Tetracosane (C24)	15.247	3485252	17.794 ug/ml
15) T n-Hexacosane (C26)	16.270	3431610	17.658 ug/ml
16) T n-Octacosane (C28)	17.222	3459478	17.864 ug/ml
17) T n-Tricontane (C30)	18.112	3675929	18.334 ug/ml
18) T n-Dotriacontane (C32)	18.945	3728564	18.960 ug/ml
19) T n-Tetratriacontane (C34)	19.731	3410468	19.758 ug/ml
20) T n-Hexatriacontane (C36)	20.473	2929965	20.255 ug/ml
21) T n-Octatriacontane (C38)	21.221	2721127	21.620 ug/ml
22) T n-Tetracontane (C40)	22.154f	2678893	23.171 ug/ml

(f)=RT Delta > 1/2 Window

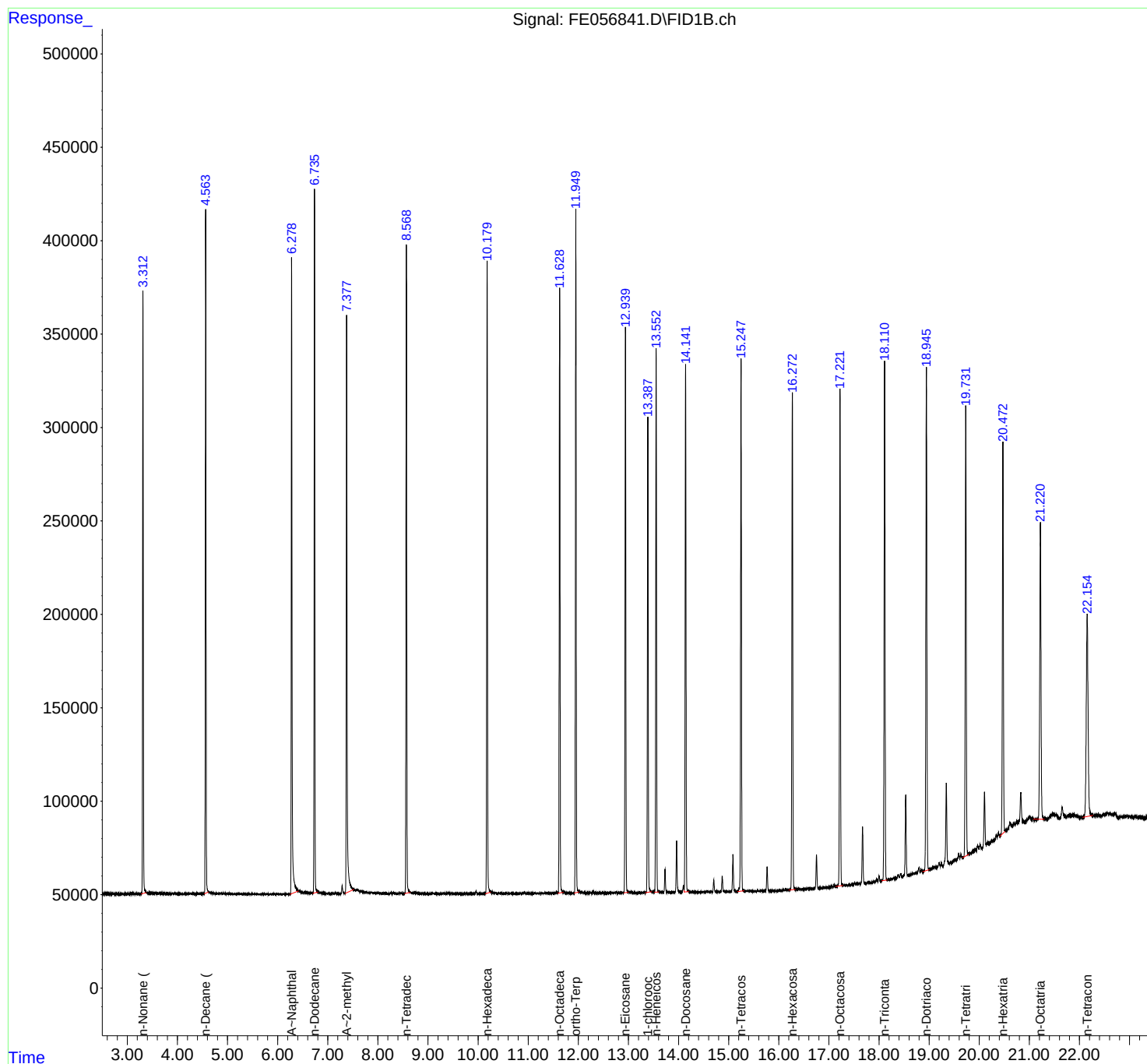
(m)=manual int.

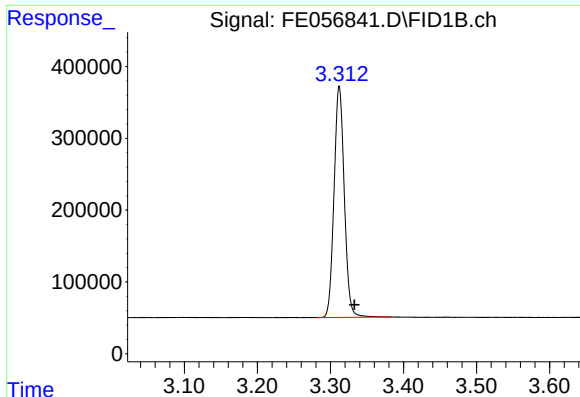
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111425AL\
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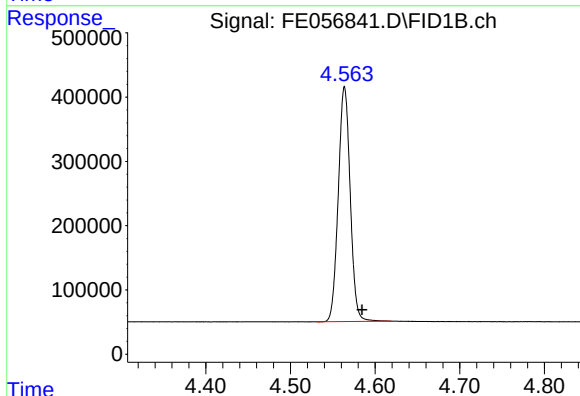




#1 n-Nonane (C9)

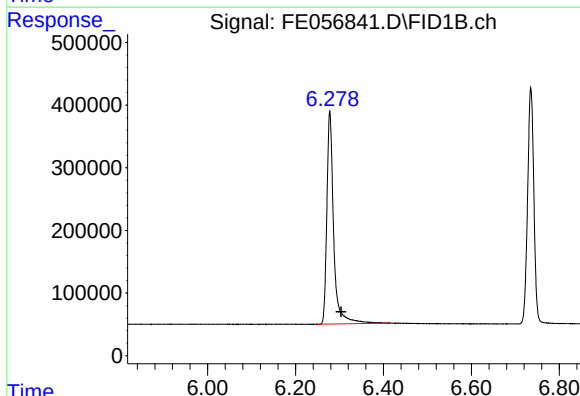
R.T.: 3.312 min
Delta R.T.: -0.021 min
Response: 3147811
Conc: 18.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



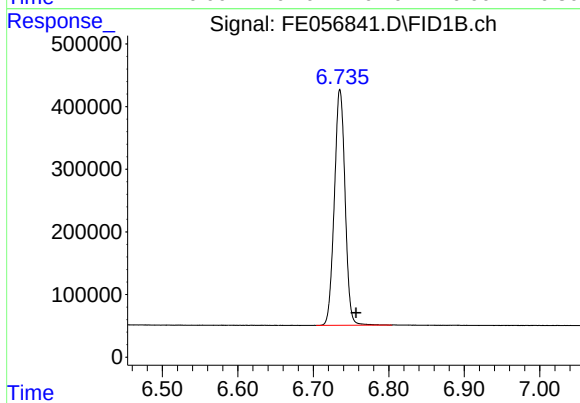
#2 n-Decane (C10)

R.T.: 4.564 min
Delta R.T.: -0.021 min
Response: 3586558
Conc: 20.90 ug/ml



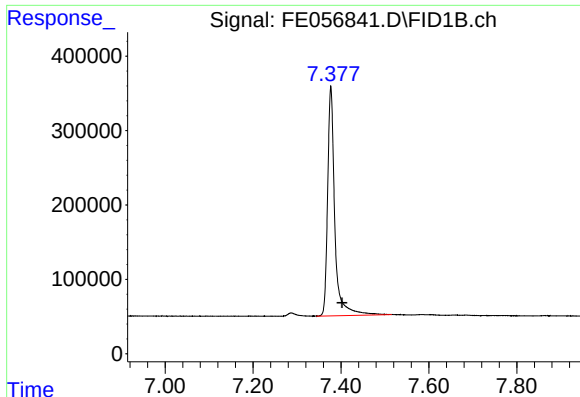
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.025 min
Response: 3666670
Conc: 19.86 ug/ml



#4 n-Dodecane (C12)

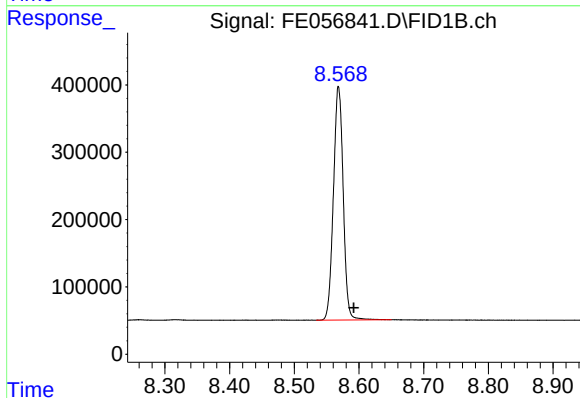
R.T.: 6.735 min
Delta R.T.: -0.021 min
Response: 3714400
Conc: 21.36 ug/ml



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

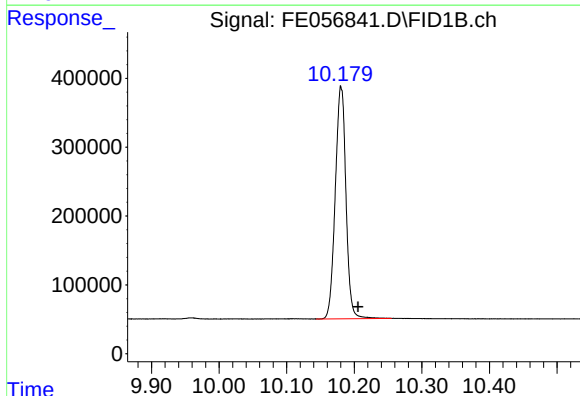
R.T.: 7.377 min
Delta R.T.: -0.026 min
Response: 3494521
Conc: 19.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



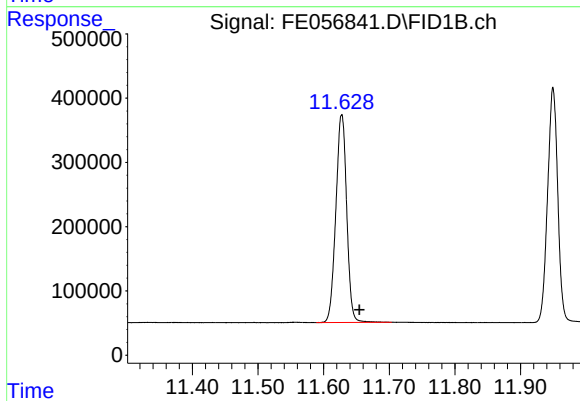
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.024 min
Response: 3648180
Conc: 20.90 ug/ml



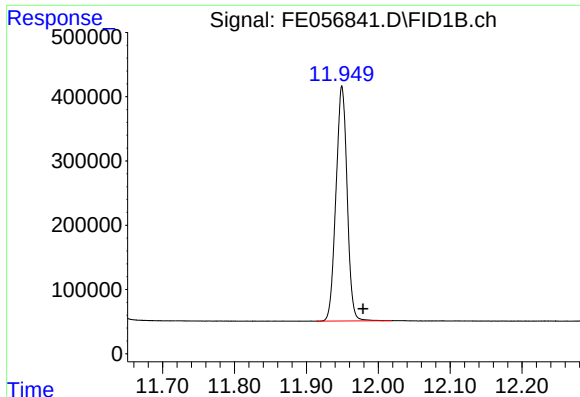
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.025 min
Response: 3705186
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

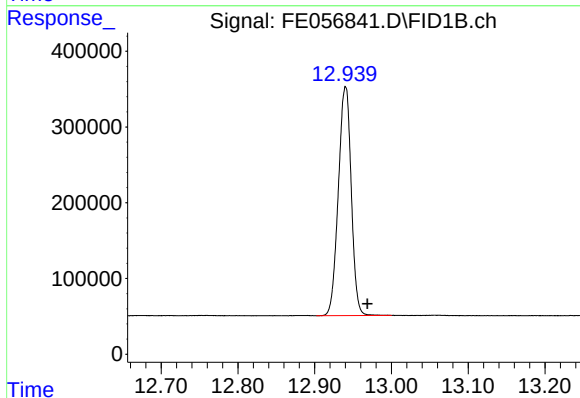
R.T.: 11.628 min
Delta R.T.: -0.027 min
Response: 3717465
Conc: 19.64 ug/ml



#9 ortho-Terphenyl (SURR)

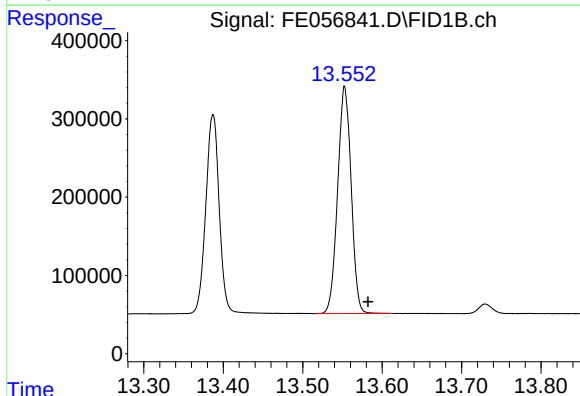
R.T.: 11.950 min
Delta R.T.: -0.029 min
Response: 3937692
Conc: 18.85 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



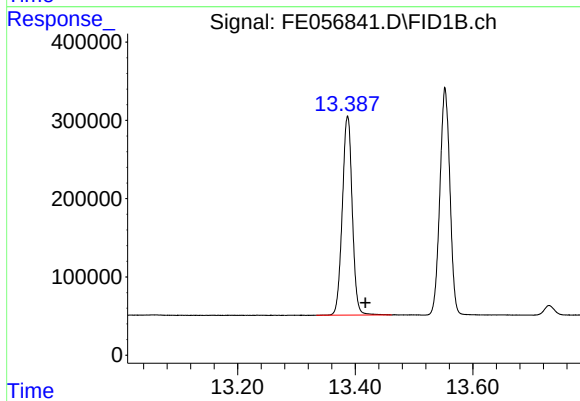
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: -0.029 min
Response: 3524360
Conc: 18.91 ug/ml



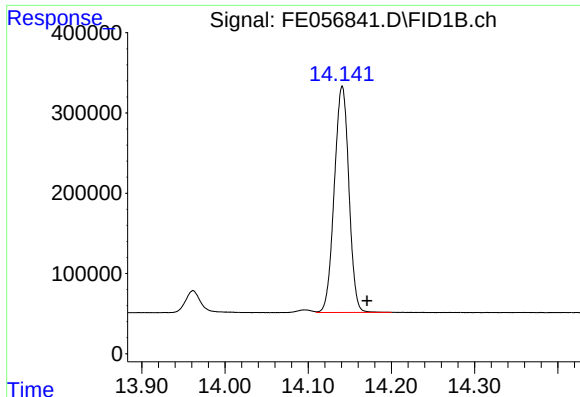
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.029 min
Response: 3433591
Conc: 18.67 ug/ml



#12 1-chlorooctadecane (SURR)

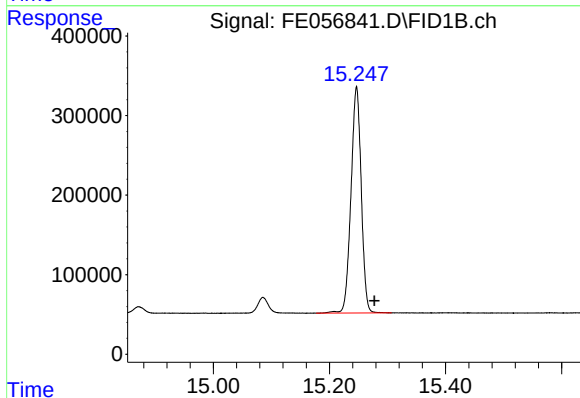
R.T.: 13.387 min
Delta R.T.: -0.030 min
Response: 2985199
Conc: 18.53 ug/ml



#13 n-Docosane (C22)

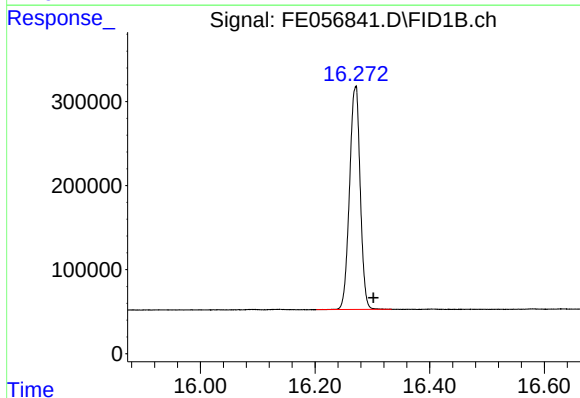
R.T.: 14.141 min
Delta R.T.: -0.030 min
Response: 3432397
Conc: 18.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



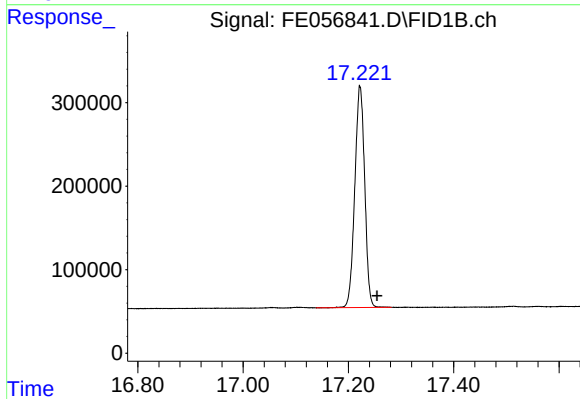
#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: -0.031 min
Response: 3485252
Conc: 17.79 ug/ml



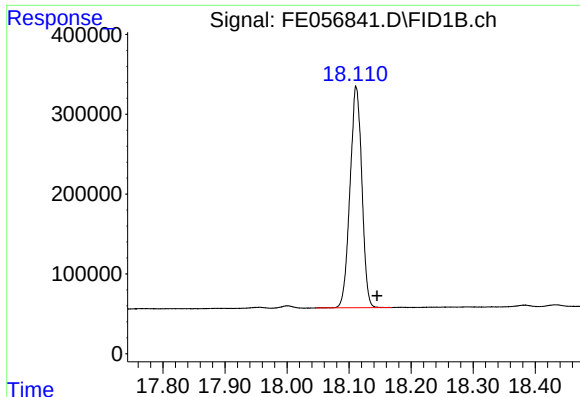
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.032 min
Response: 3431610
Conc: 17.66 ug/ml



#16 n-Octacosane (C28)

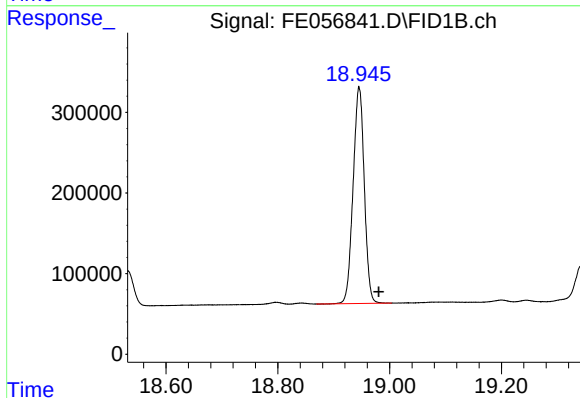
R.T.: 17.222 min
Delta R.T.: -0.032 min
Response: 3459478
Conc: 17.86 ug/ml



#17 n-Tricontane (C30)

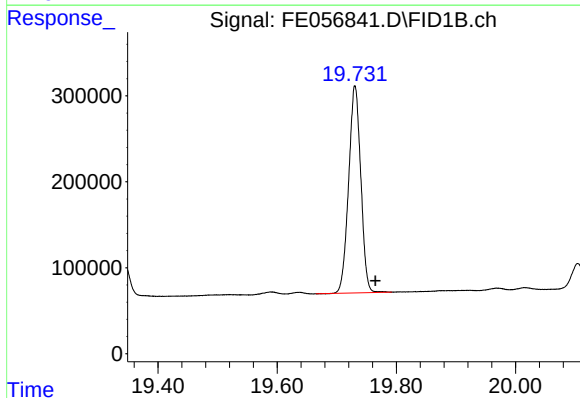
R.T.: 18.112 min
Delta R.T.: -0.033 min
Response: 3675929
Conc: 18.33 ug/ml

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20 PPM ALIPHATIC HC STD



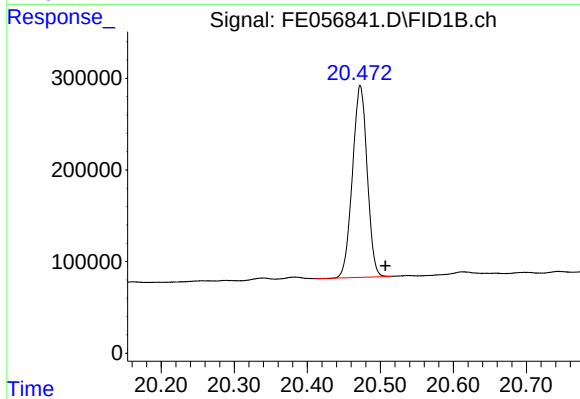
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: -0.035 min
Response: 3728564
Conc: 18.96 ug/ml



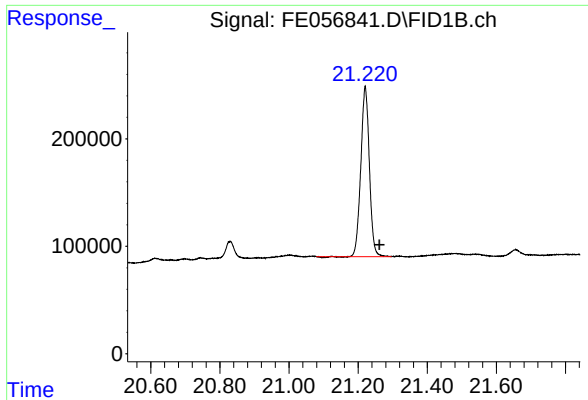
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.034 min
Response: 3410468
Conc: 19.76 ug/ml



#20 n-Hexatriacontane (C36)

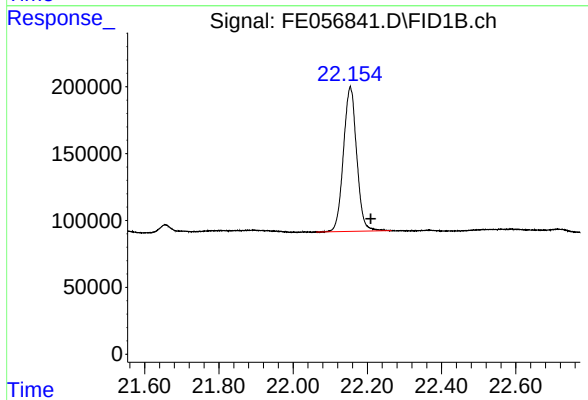
R.T.: 20.473 min
Delta R.T.: -0.034 min
Response: 2929965
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: -0.041 min
Response: 2721127
Conc: 21.62 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: -0.055 min
Response: 2678893
Conc: 23.17 ug/ml