

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112025AL\
 Data File : FE056972.D
 Signal(s) : FID1B.ch
 Acq On : 20 Nov 2025 21:35
 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 20 22:40:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.944	3782703	18.107 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
12) S 1-chlorooctadecane (S...	13.382	2865231	17.784 ug/ml
Spiked Amount 50.000		Recovery =	35.57%
Target Compounds			
1) T n-Nonane (C9)	3.306	3389756	20.181 ug/ml
2) T n-Decane (C10)	4.558	3490226	20.340 ug/ml
3) T A~Naphthalene (C11.7)	6.274	3515856	19.047 ug/ml
4) T n-Dodecane (C12)	6.730	3534269	20.320 ug/ml
5) T A~2-methylnaphthalene...	7.373	3327551	18.776 ug/ml
6) T n-Tetradecane (C14)	8.563	3479055	19.931 ug/ml
7) T n-Hexadecane (C16)	10.175	3536698	19.331 ug/ml
8) T n-Octadecane (C18)	11.621	3547592	18.743 ug/ml
10) T n-Eicosane (C20)	12.934	3371460	18.091 ug/ml
11) T n-Heneicosane (C21)	13.547	3294081	17.914 ug/ml
13) T n-Docosane (C22)	14.135	3286598	17.557 ug/ml
14) T n-Tetracosane (C24)	15.240	3261070	16.650 ug/ml
15) T n-Hexacosane (C26)	16.264	3217147	16.554 ug/ml
16) T n-Octacosane (C28)	17.216	3250566	16.785 ug/ml
17) T n-Tricontane (C30)	18.105	3422655	17.071 ug/ml
18) T n-Dotriacontane (C32)	18.939	3437375	17.480 ug/ml
19) T n-Tetratriacontane (C34)	19.725	3182620	18.438 ug/ml
20) T n-Hexatriacontane (C36)	20.467	2804890	19.390 ug/ml
21) T n-Octatriacontane (C38)	21.213	2657322	21.113 ug/ml
22) T n-Tetracontane (C40)	22.144	2619282	22.655 ug/ml

(f)=RT Delta > 1/2 Window

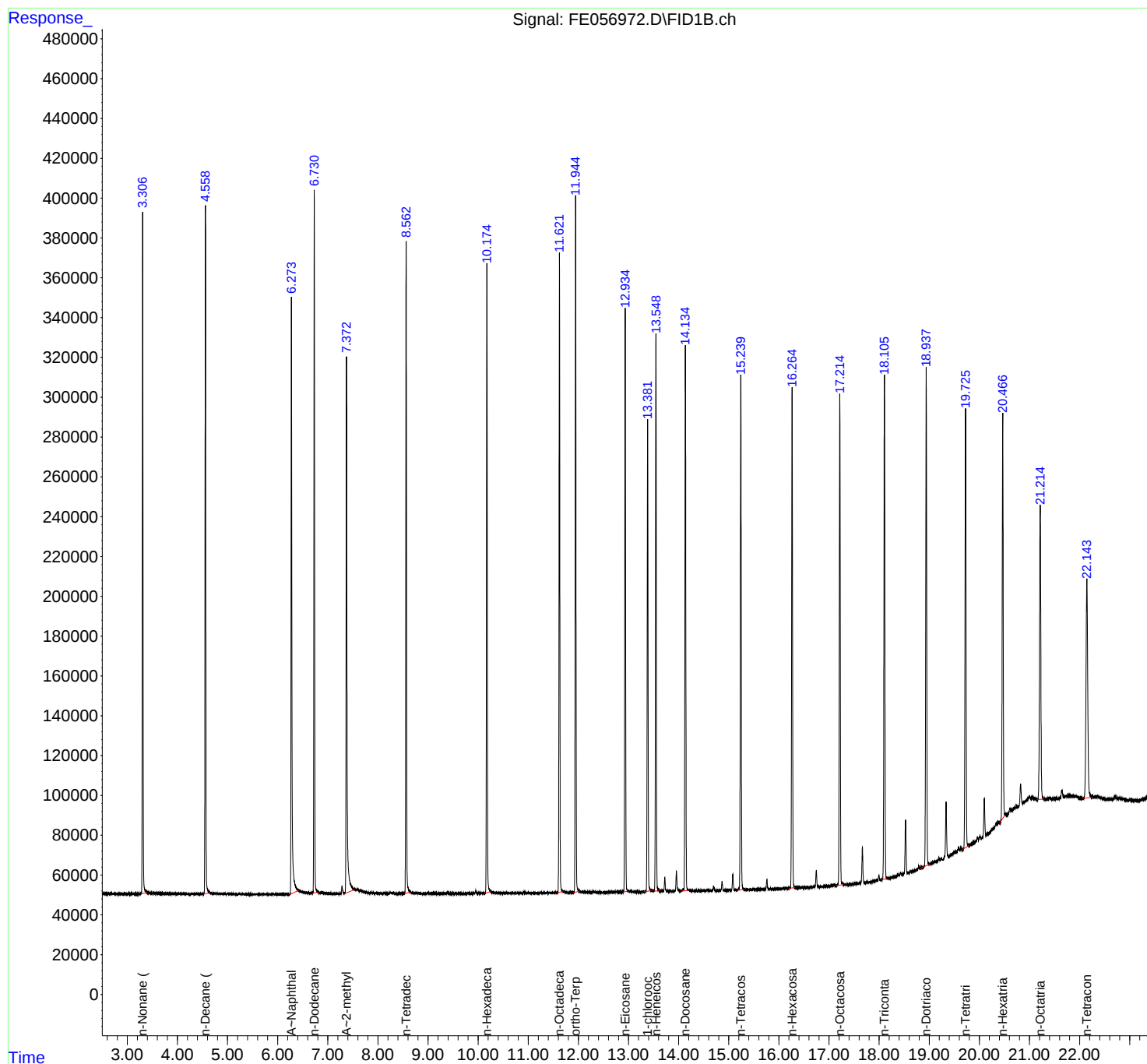
(m)=manual int.

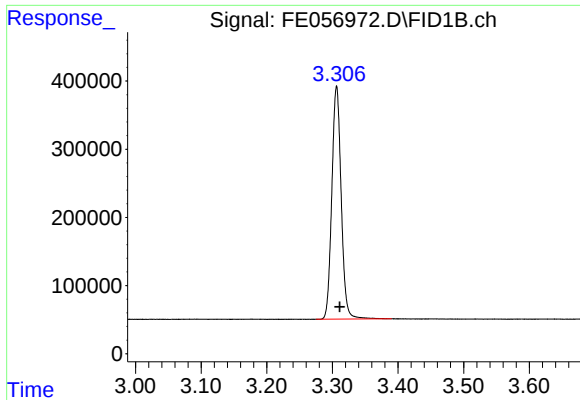
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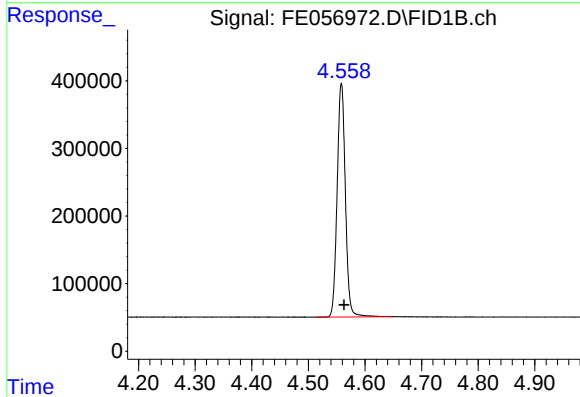




#1 n-Nonane (C9)

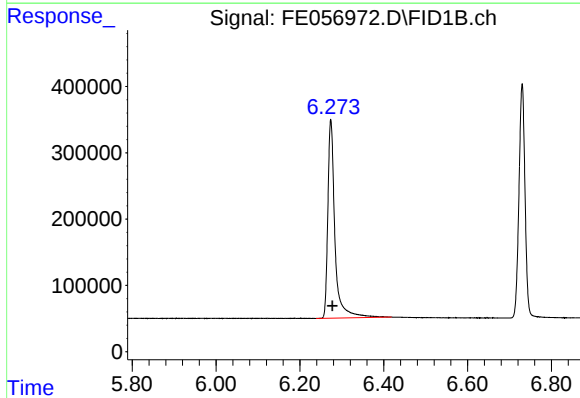
R.T.: 3.306 min
Delta R.T.: -0.005 min
Response: 3389756
Conc: 20.18 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



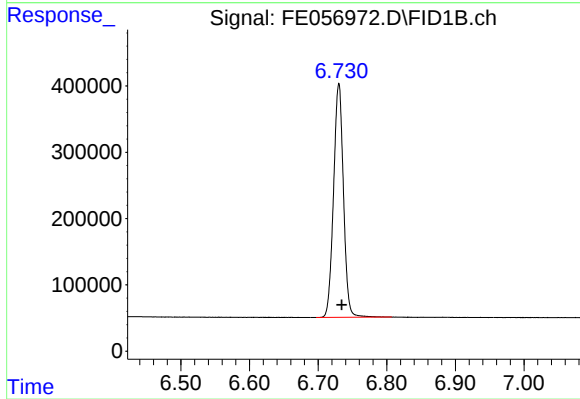
#2 n-Decane (C10)

R.T.: 4.558 min
Delta R.T.: -0.005 min
Response: 3490226
Conc: 20.34 ug/ml



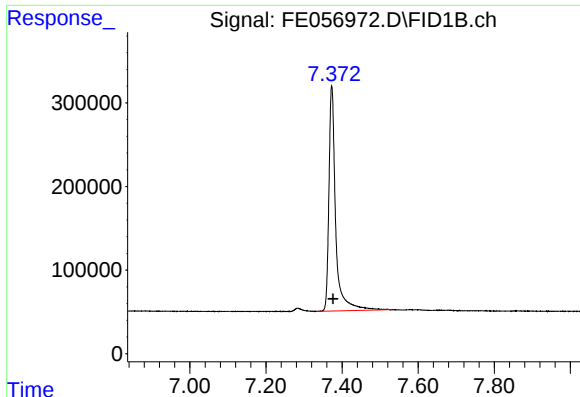
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.004 min
Response: 3515856
Conc: 19.05 ug/ml



#4 n-Dodecane (C12)

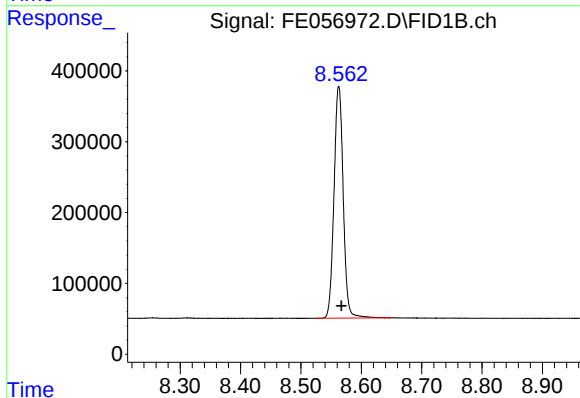
R.T.: 6.730 min
Delta R.T.: -0.004 min
Response: 3534269
Conc: 20.32 ug/ml



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

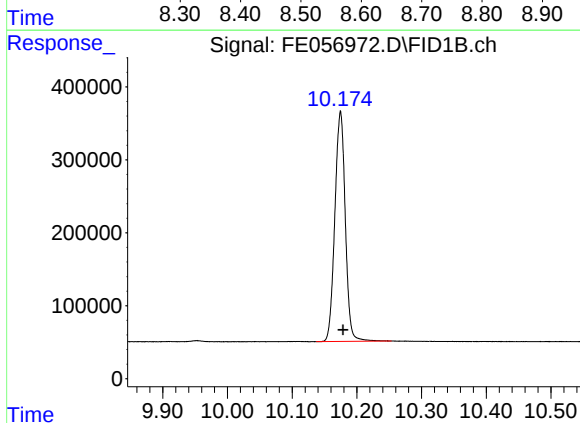
R.T.: 7.373 min
Delta R.T.: -0.003 min
Response: 3327551
Conc: 18.78 ug/ml

Instrument :
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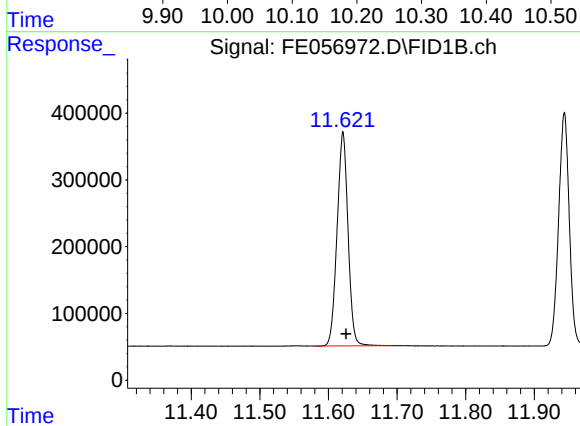
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 3479055
Conc: 19.93 ug/ml



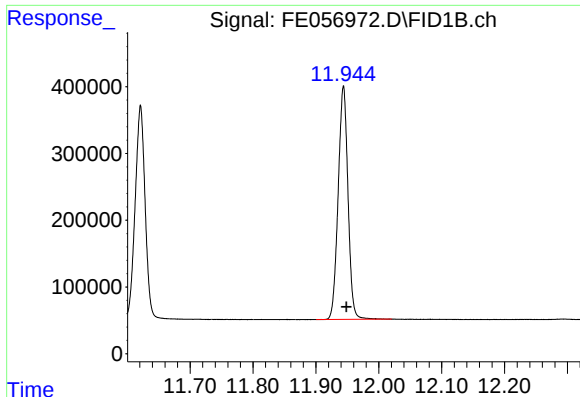
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.004 min
Response: 3536698
Conc: 19.33 ug/ml



#8 n-Octadecane (C18)

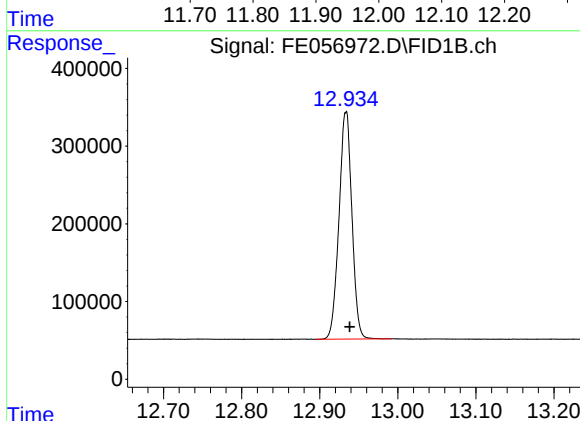
R.T.: 11.621 min
Delta R.T.: -0.005 min
Response: 3547592
Conc: 18.74 ug/ml



#9 ortho-Terphenyl (SURR)

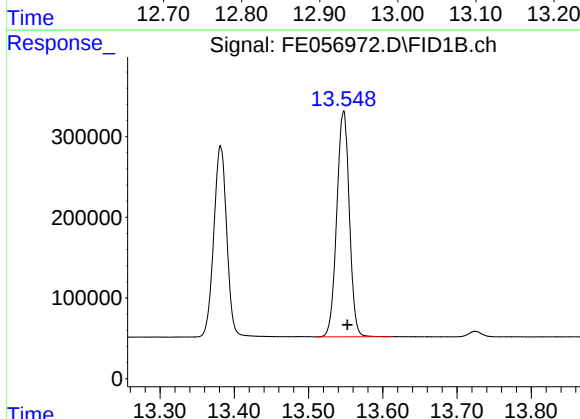
R.T.: 11.944 min
Delta R.T.: -0.005 min
Response: 3782703
Conc: 18.11 ug/ml

Instrument :
FID_E
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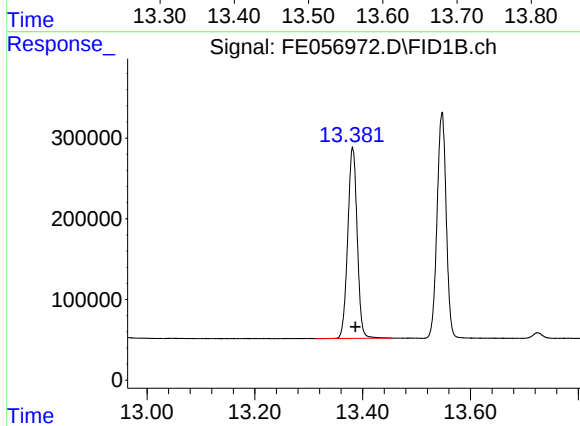
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.005 min
Response: 3371460
Conc: 18.09 ug/ml



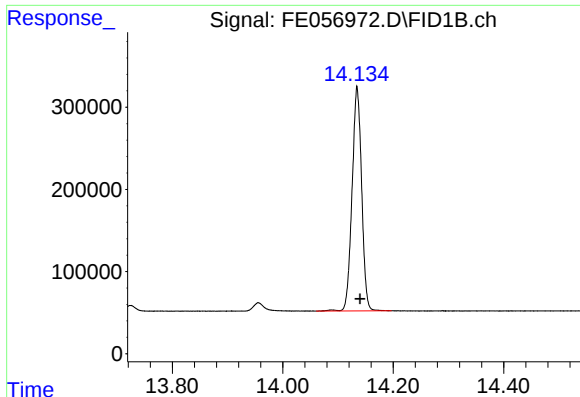
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.005 min
Response: 3294081
Conc: 17.91 ug/ml



#12 1-chlorooctadecane (SURR)

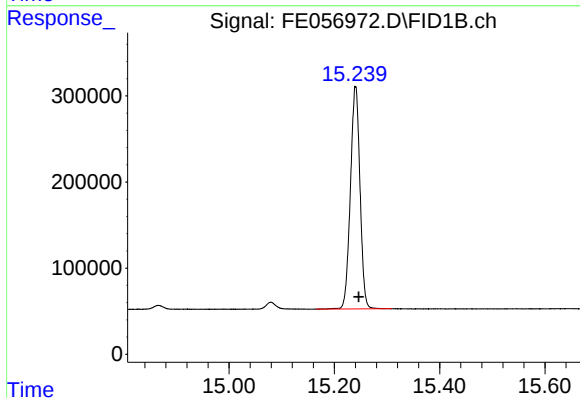
R.T.: 13.382 min
Delta R.T.: -0.005 min
Response: 2865231
Conc: 17.78 ug/ml



#13 n-Docosane (C22)

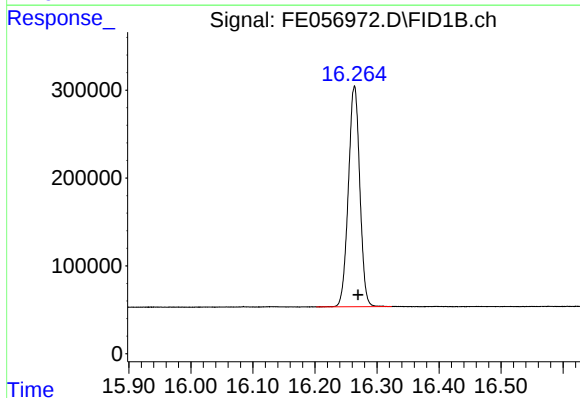
R.T.: 14.135 min
Delta R.T.: -0.005 min
Response: 3286598
Conc: 17.56 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



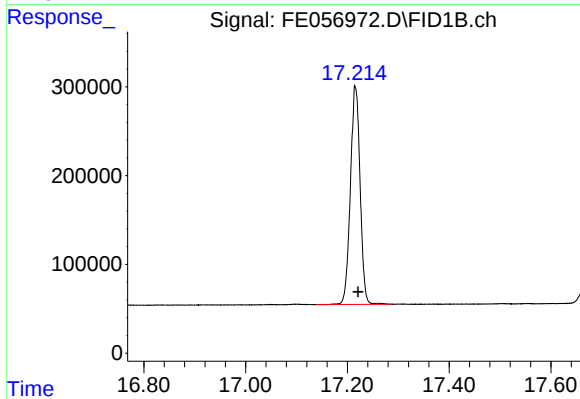
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.006 min
Response: 3261070
Conc: 16.65 ug/ml



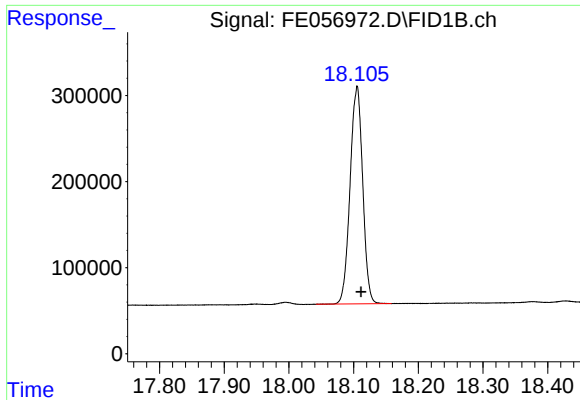
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: -0.006 min
Response: 3217147
Conc: 16.55 ug/ml



#16 n-Octacosane (C28)

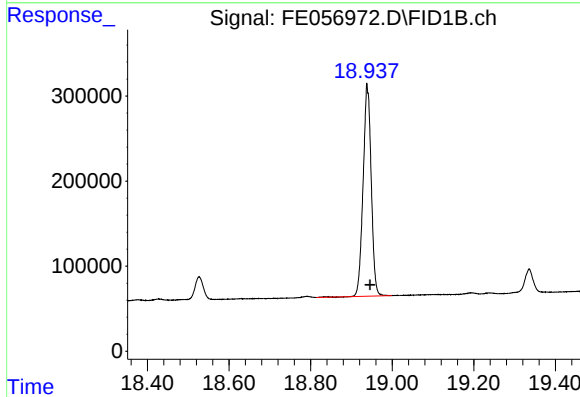
R.T.: 17.216 min
Delta R.T.: -0.005 min
Response: 3250566
Conc: 16.78 ug/ml



#17 n-Tricontane (C30)

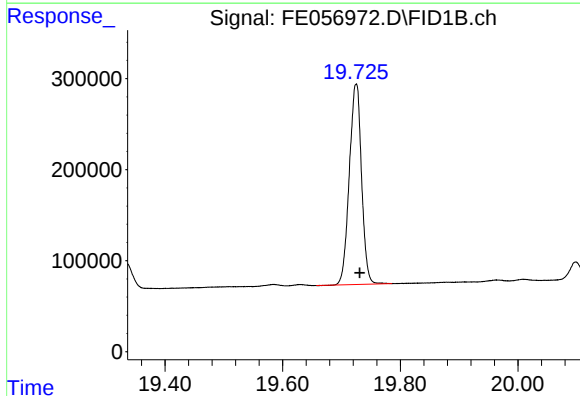
R.T.: 18.105 min
Delta R.T.: -0.006 min
Response: 3422655
Conc: 17.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



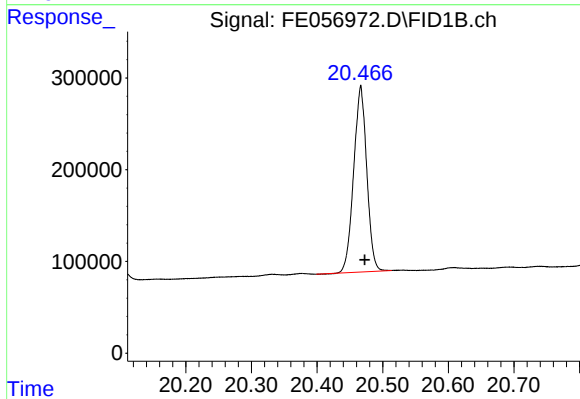
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: -0.007 min
Response: 3437375
Conc: 17.48 ug/ml



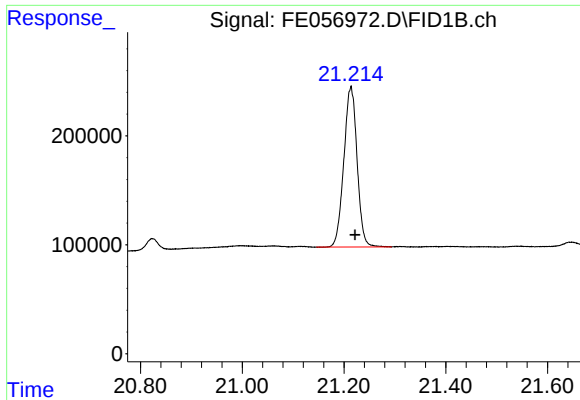
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.006 min
Response: 3182620
Conc: 18.44 ug/ml



#20 n-Hexatriacontane (C36)

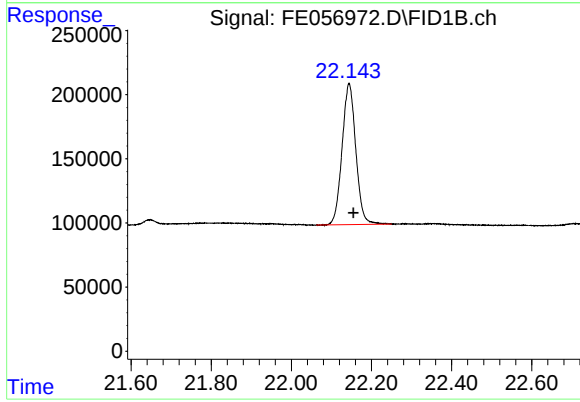
R.T.: 20.467 min
Delta R.T.: -0.006 min
Response: 2804890
Conc: 19.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: -0.008 min
Response: 2657322
Conc: 21.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: -0.011 min
Response: 2619282
Conc: 22.66 ug/ml