

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
 Data File : FE057064.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2025 01:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 28 19:46:56 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)	11.943	3667502	17.555 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
12) S 1-chlorooctadecane (S...	13.382	2784728	17.284 ug/ml
Spiked Amount 50.000		Recovery =	34.57%
Target Compounds			
1) T n-Nonane (C9)	3.301	3356593	19.984 ug/ml
2) T n-Decane (C10)	4.554	3430787	19.994 ug/ml
3) T A~Naphthalene (C11.7)	6.271	3446265	18.670 ug/ml
4) T n-Dodecane (C12)	6.727	3455971	19.870 ug/ml
5) T A~2-methylnaphthalene...	7.371	3253900	18.361 ug/ml
6) T n-Tetradecane (C14)	8.560	3398777	19.471 ug/ml
7) T n-Hexadecane (C16)	10.172	3440895	18.807 ug/ml
8) T n-Octadecane (C18)	11.620	3444049	18.196 ug/ml
10) T n-Eicosane (C20)	12.933	3262864	17.508 ug/ml
11) T n-Heneicosane (C21)	13.547	3186288	17.328 ug/ml
13) T n-Docosane (C22)	14.135	3154736	16.852 ug/ml
14) T n-Tetracosane (C24)	15.241	3134451	16.003 ug/ml
15) T n-Hexacosane (C26)	16.265	3077258	15.835 ug/ml
16) T n-Octacosane (C28)	17.217	3087670	15.944 ug/ml
17) T n-Tricontane (C30)	18.107	3321423	16.566 ug/ml
18) T n-Dotriacontane (C32)	18.943	3774475	19.194 ug/ml
19) T n-Tetratriacontane (C34)	19.728	4016014	23.266 ug/ml
20) T n-Hexatriacontane (C36)	20.472	3793209	26.222 ug/ml
21) T n-Octatriacontane (C38)	21.220	3396296	26.984 ug/ml
22) T n-Tetracontane (C40)	22.152	3209702	27.762 ug/ml

(f)=RT Delta > 1/2 Window

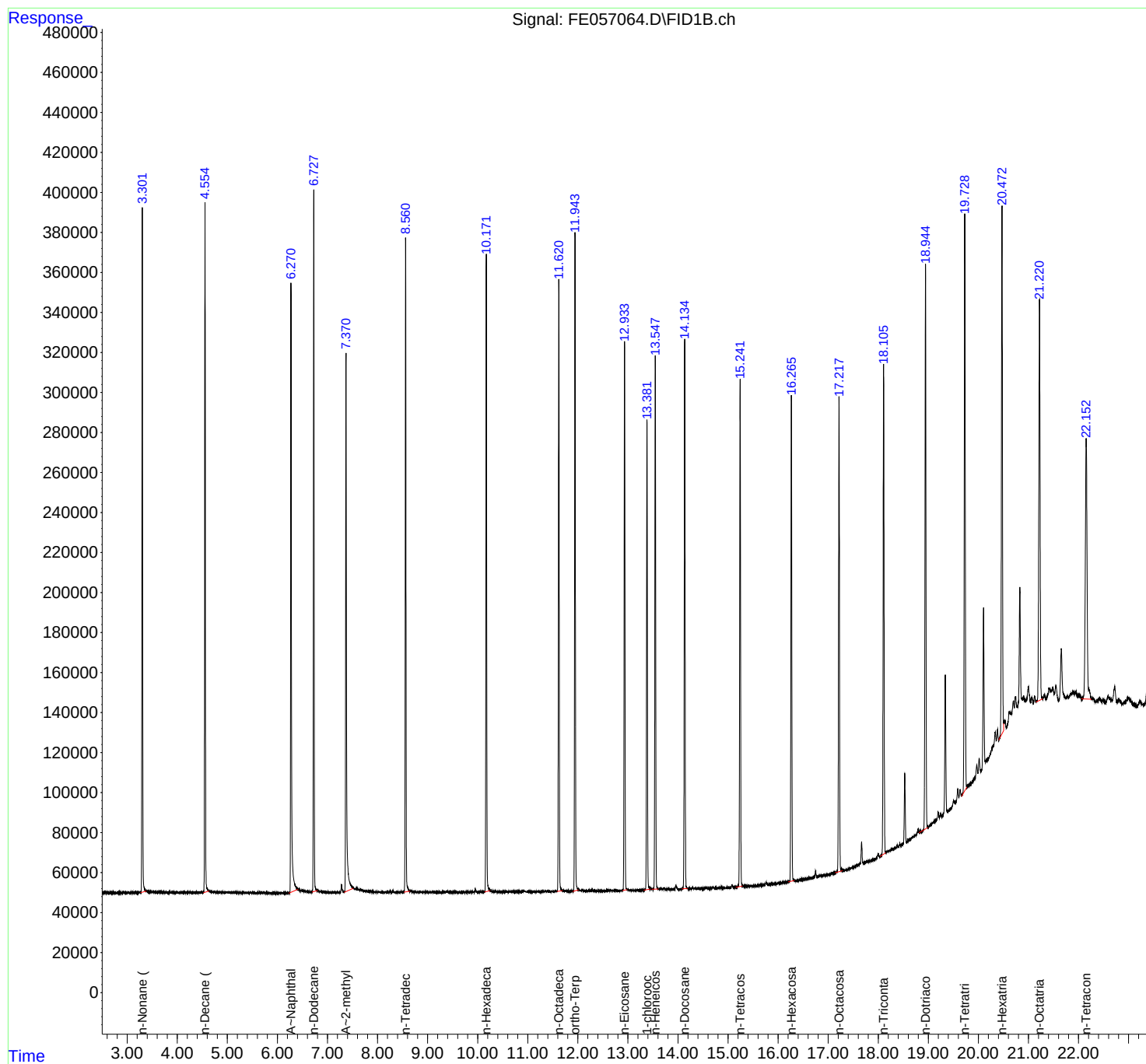
(m)=manual int.

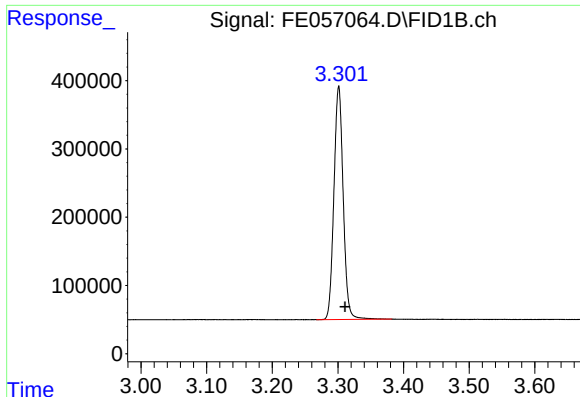
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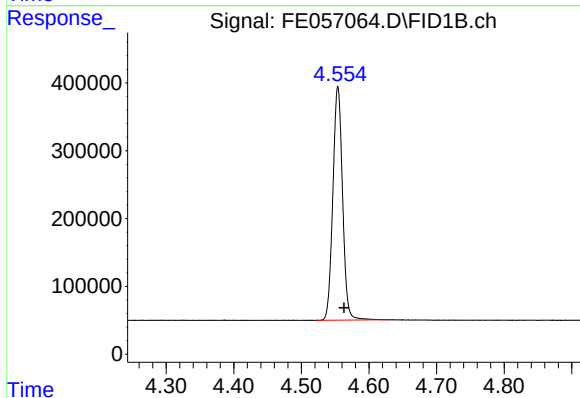




#1 n-Nonane (C9)

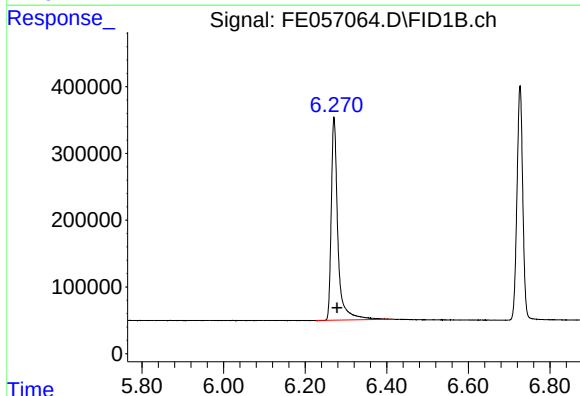
R.T.: 3.301 min
Delta R.T.: -0.010 min
Response: 3356593
Conc: 19.98 ug/ml

Instrument :
FID_E
ClientSampleId :



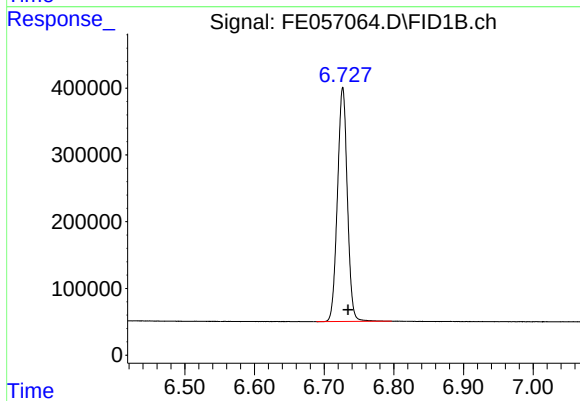
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: -0.009 min
Response: 3430787
Conc: 19.99 ug/ml



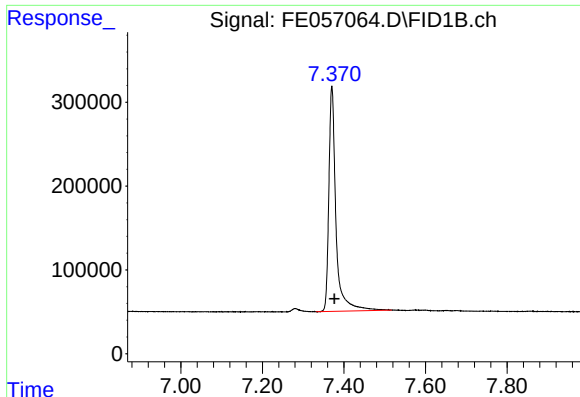
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.007 min
Response: 3446265
Conc: 18.67 ug/ml



#4 n-Dodecane (C12)

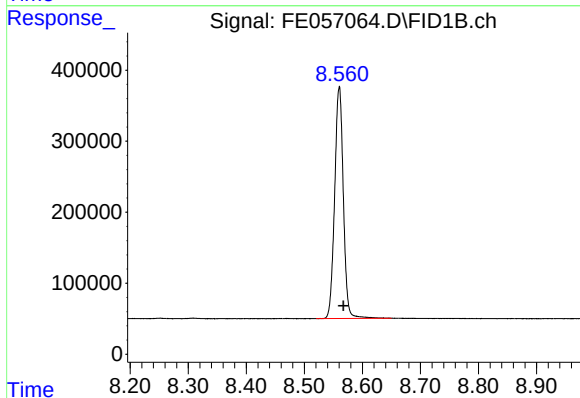
R.T.: 6.727 min
Delta R.T.: -0.008 min
Response: 3455971
Conc: 19.87 ug/ml



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

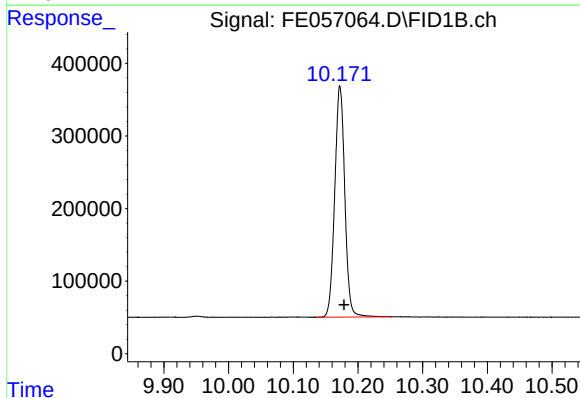
R.T.: 7.371 min
Delta R.T.: -0.006 min
Response: 3253900
Conc: 18.36 ug/ml

Instrument :
FID_E
ClientSampleId :



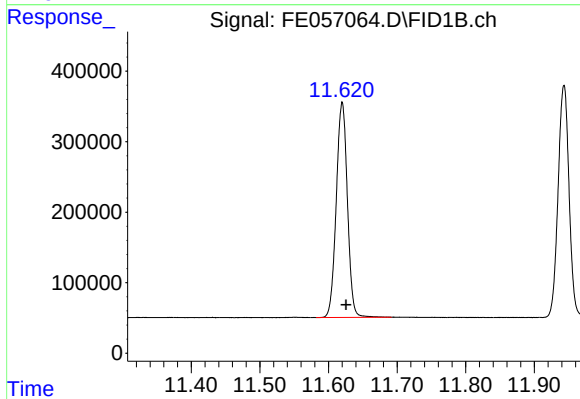
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 3398777
Conc: 19.47 ug/ml



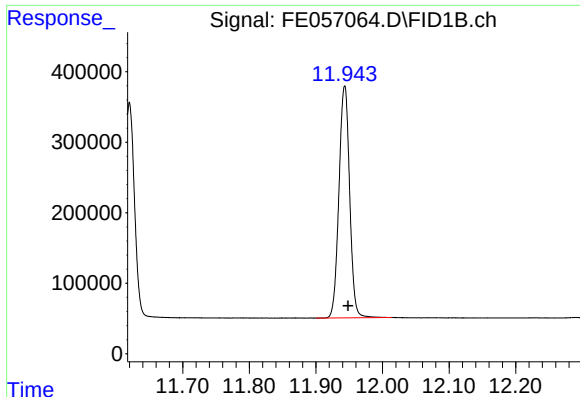
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: -0.006 min
Response: 3440895
Conc: 18.81 ug/ml



#8 n-Octadecane (C18)

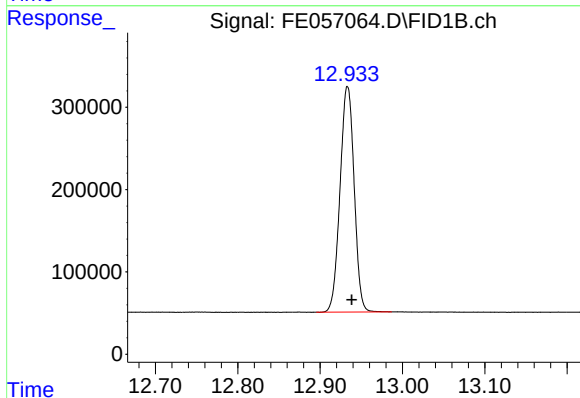
R.T.: 11.620 min
Delta R.T.: -0.006 min
Response: 3444049
Conc: 18.20 ug/ml



#9 ortho-Terphenyl (SURR)

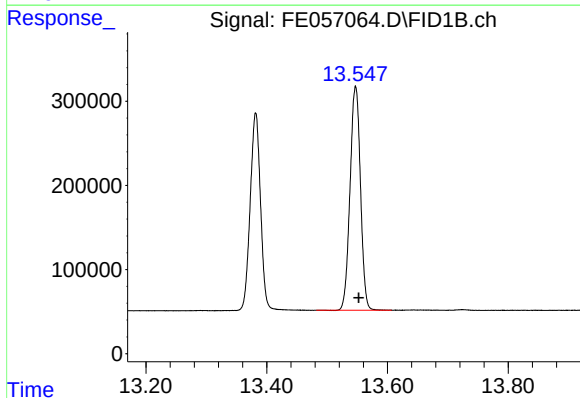
R.T.: 11.943 min
Delta R.T.: -0.005 min
Response: 3667502
Conc: 17.56 ug/ml

Instrument :
FID_E
ClientSampleId :



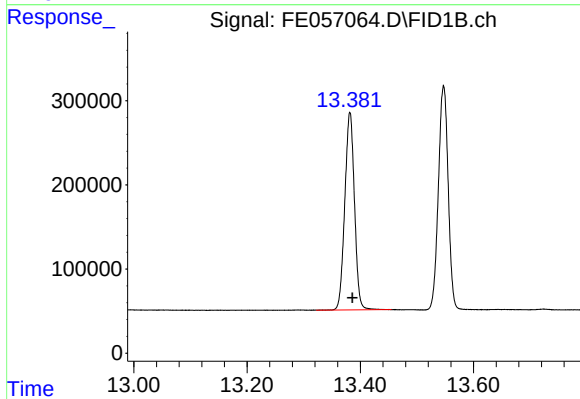
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: -0.005 min
Response: 3262864
Conc: 17.51 ug/ml



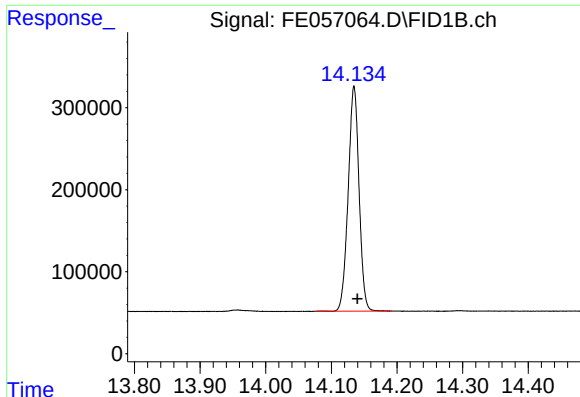
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.005 min
Response: 3186288
Conc: 17.33 ug/ml



#12 1-chlorooctadecane (SURR)

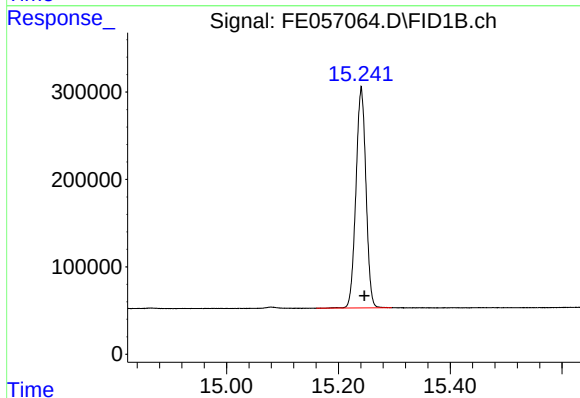
R.T.: 13.382 min
Delta R.T.: -0.005 min
Response: 2784728
Conc: 17.28 ug/ml



#13 n-Docosane (C22)

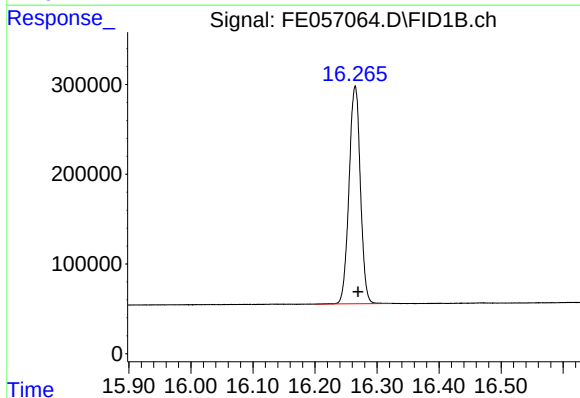
R.T.: 14.135 min
Delta R.T.: -0.005 min
Response: 3154736
Conc: 16.85 ug/ml

Instrument :
FID_E
ClientSampleId :



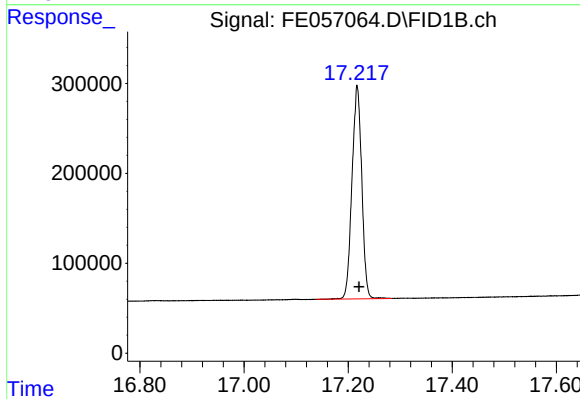
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.005 min
Response: 3134451
Conc: 16.00 ug/ml



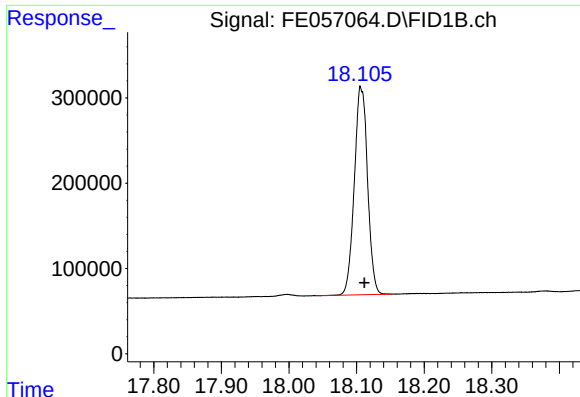
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: -0.005 min
Response: 3077258
Conc: 15.83 ug/ml



#16 n-Octacosane (C28)

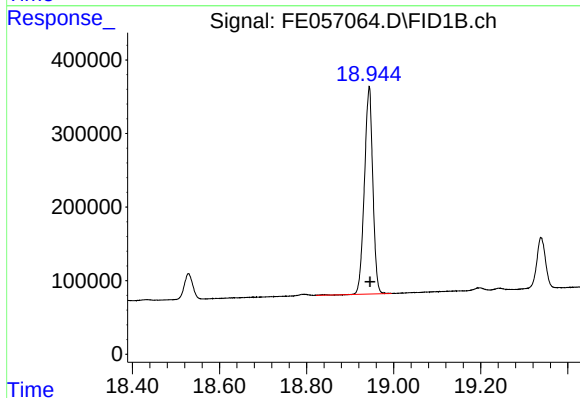
R.T.: 17.217 min
Delta R.T.: -0.004 min
Response: 3087670
Conc: 15.94 ug/ml



#17 n-Tricontane (C30)

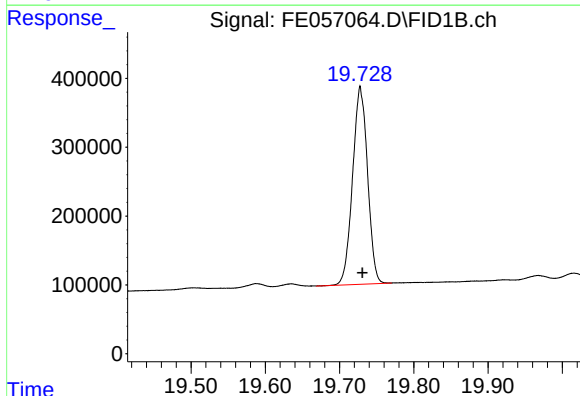
R.T.: 18.107 min
Delta R.T.: -0.005 min
Response: 3321423
Conc: 16.57 ug/ml

Instrument :
FID_E
ClientSampleId :



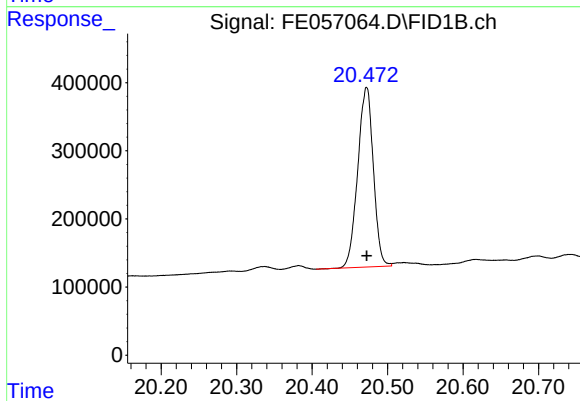
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.003 min
Response: 3774475
Conc: 19.19 ug/ml



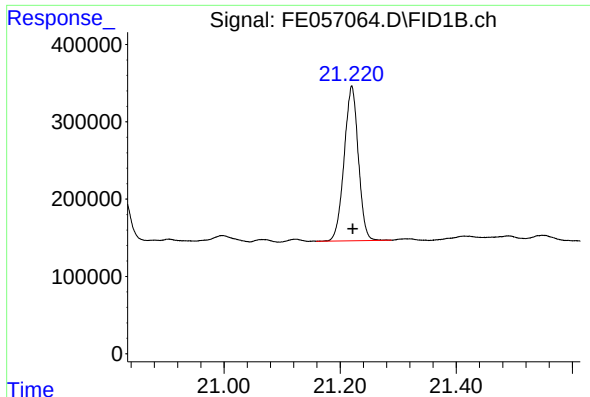
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: -0.003 min
Response: 4016014
Conc: 23.27 ug/ml



#20 n-Hexatriacontane (C36)

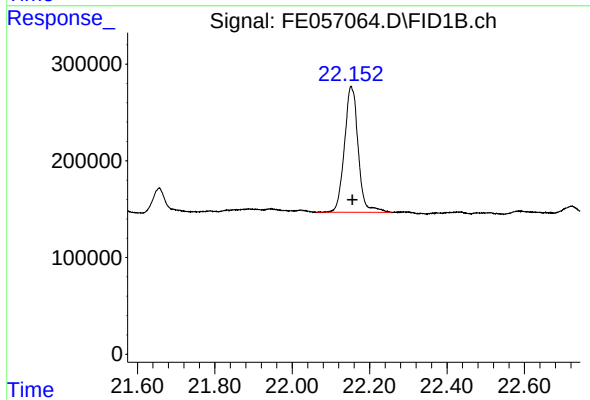
R.T.: 20.472 min
Delta R.T.: 0.000 min
Response: 3793209
Conc: 26.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: -0.002 min
Response: 3396296
Conc: 26.98 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: -0.003 min
Response: 3209702
Conc: 27.76 ug/ml