

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057250.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2025 16:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 10 00:19:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.931	4641016	21.149 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
12) S 1-chlorooctadecane (S...	13.368	3505459	21.063 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
Target Compounds			
1) T n-Nonane (C9)	3.290	4127786	21.102 ug/ml
2) T n-Decane (C10)	4.543	4292586	21.223 ug/ml
3) T A~Naphthalene (C11.7)	6.261	4305567	21.386 ug/ml
4) T n-Dodecane (C12)	6.715	4371772	21.420 ug/ml
5) T A~2-methylnaphthalene...	7.360	4022858	20.936 ug/ml
6) T n-Tetradecane (C14)	8.548	4309821	21.412 ug/ml
7) T n-Hexadecane (C16)	10.160	4377719	21.347 ug/ml
8) T n-Octadecane (C18)	11.607	4375633	21.229 ug/ml
10) T n-Eicosane (C20)	12.920	4138539	21.039 ug/ml
11) T n-Heneicosane (C21)	13.534	4038446	21.020 ug/ml
13) T n-Docosane (C22)	14.122	3976744	20.600 ug/ml
14) T n-Tetracosane (C24)	15.227	3951107	19.949 ug/ml
15) T n-Hexacosane (C26)	16.251	3893221	19.624 ug/ml
16) T n-Octacosane (C28)	17.202	3896911	18.963 ug/ml
17) T n-Tricontane (C30)	18.093	4060266	18.092 ug/ml
18) T n-Dotriacontane (C32)	18.928	4064960	17.414 ug/ml
19) T n-Tetratriacontane (C34)	19.713	3844509	18.000 ug/ml
20) T n-Hexatriacontane (C36)	20.455	3506618	18.840 ug/ml
21) T n-Octatriacontane (C38)	21.201	3362134	19.400 ug/ml
22) T n-Tetracontane (C40)	22.128	3338424	19.811 ug/ml

(f)=RT Delta > 1/2 Window

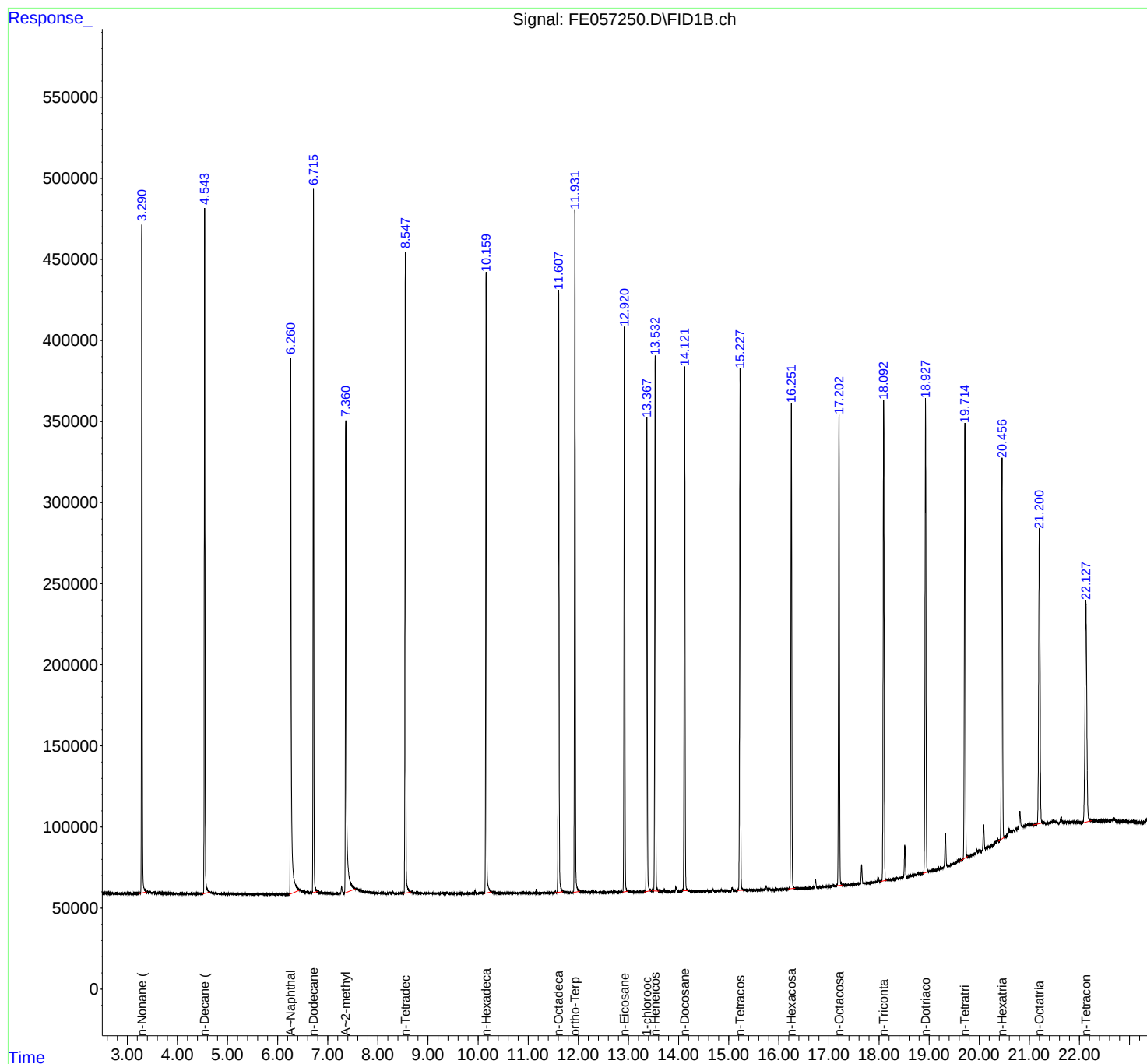
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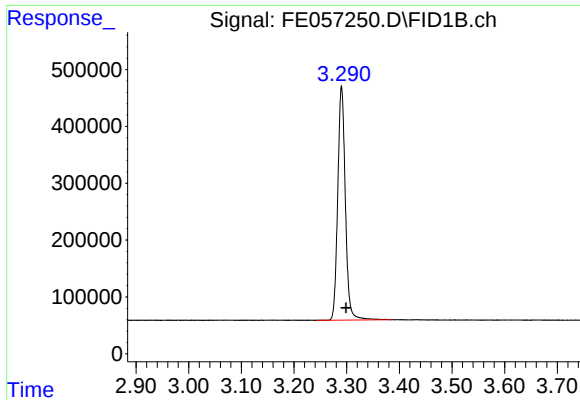
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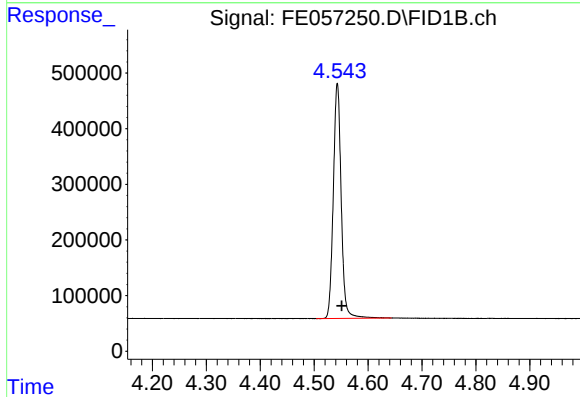




#1 n-Nonane (C9)

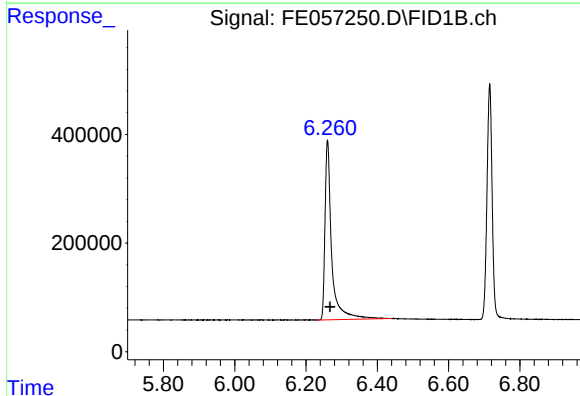
R.T.: 3.290 min
Delta R.T.: -0.009 min
Response: 4127786
Conc: 21.10 ug/ml

Instrument :
FID_E
ClientSampleId :



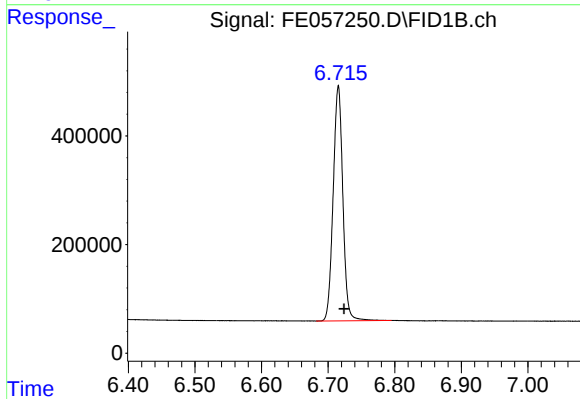
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.008 min
Response: 4292586
Conc: 21.22 ug/ml



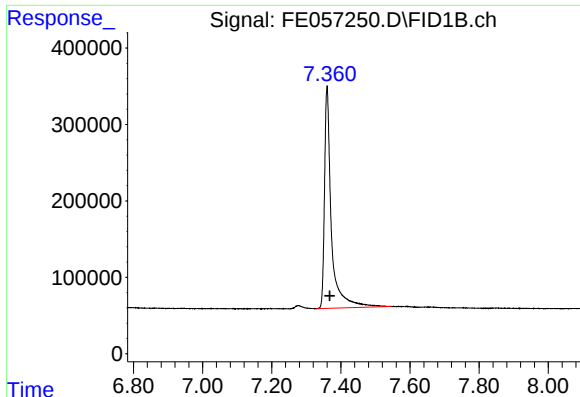
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.007 min
Response: 4305567
Conc: 21.39 ug/ml



#4 n-Dodecane (C12)

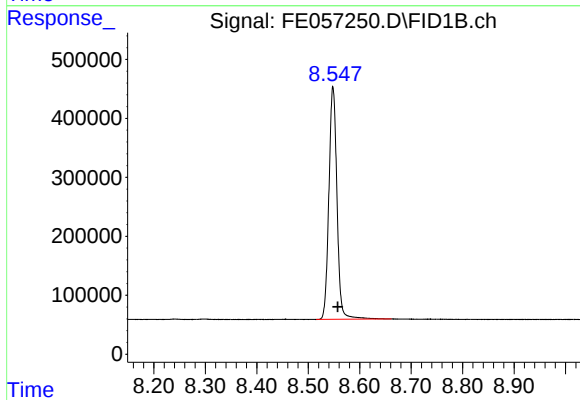
R.T.: 6.715 min
Delta R.T.: -0.009 min
Response: 4371772
Conc: 21.42 ug/ml



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

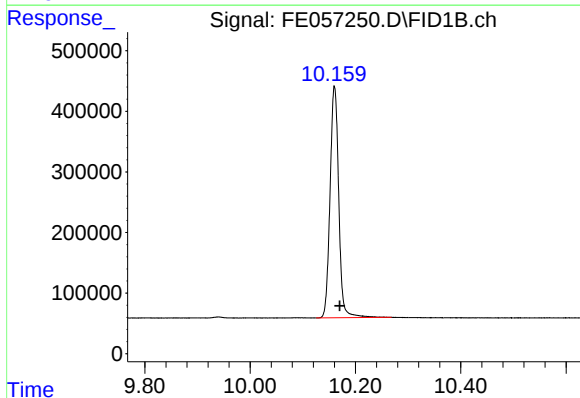
R.T.: 7.360 min
Delta R.T.: -0.007 min
Response: 4022858
Conc: 20.94 ug/ml

Instrument :
FID_E
ClientSampleId :



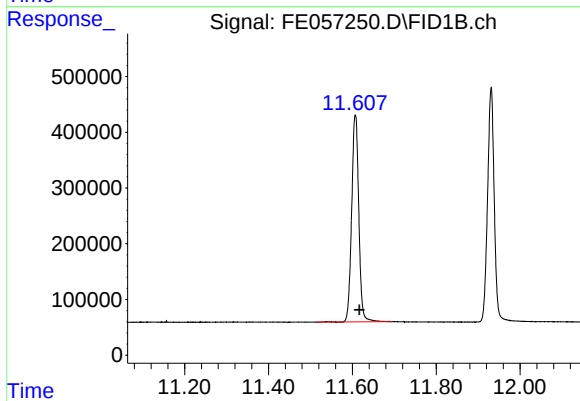
#6 n-Tetradecane (C14)

R.T.: 8.548 min
Delta R.T.: -0.010 min
Response: 4309821
Conc: 21.41 ug/ml



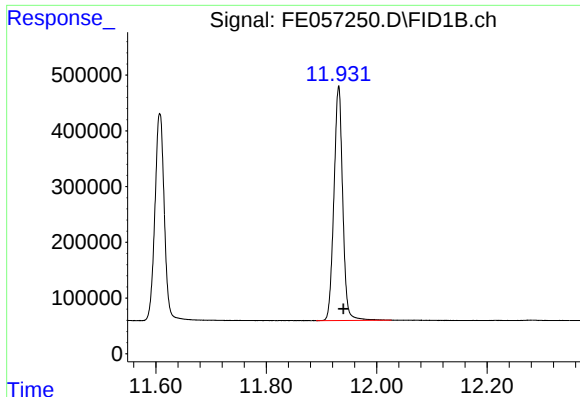
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.010 min
Response: 4377719
Conc: 21.35 ug/ml



#8 n-Octadecane (C18)

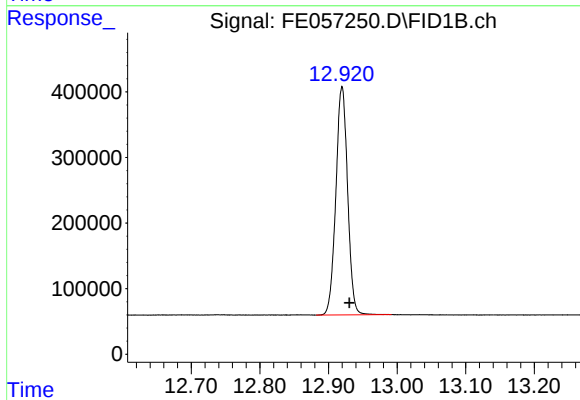
R.T.: 11.607 min
Delta R.T.: -0.010 min
Response: 4375633
Conc: 21.23 ug/ml



#9 ortho-Terphenyl (SURR)

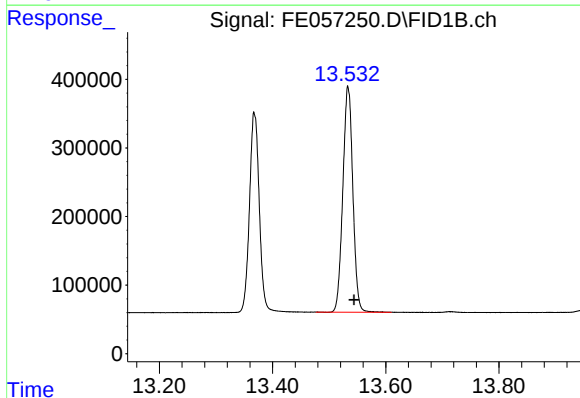
R.T.: 11.931 min
Delta R.T.: -0.009 min
Response: 4641016
Conc: 21.15 ug/ml

Instrument :
FID_E
ClientSampleId :



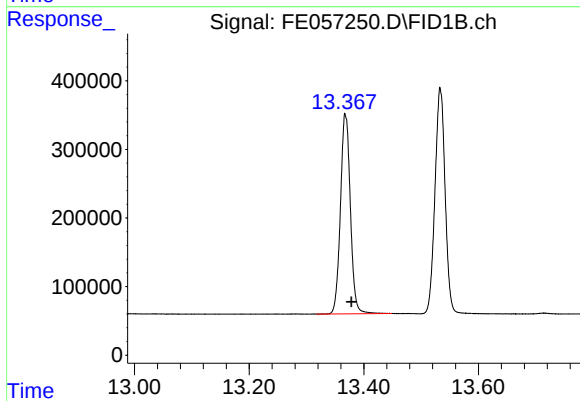
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.011 min
Response: 4138539
Conc: 21.04 ug/ml



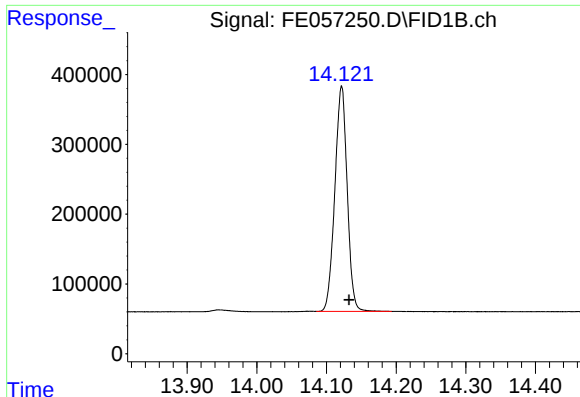
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: -0.011 min
Response: 4038446
Conc: 21.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: -0.010 min
Response: 3505459
Conc: 21.06 ug/ml



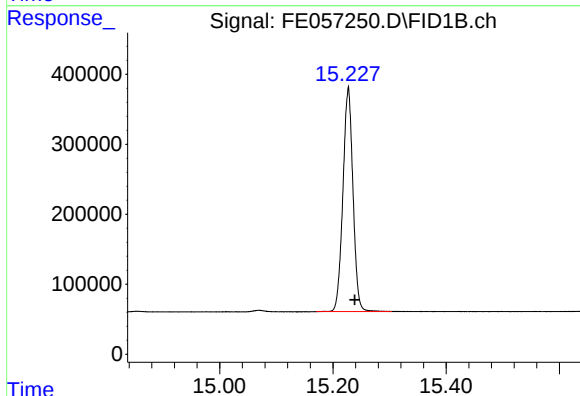
#13 n-Docosane (C22)

R.T.: 14.122 min
Delta R.T.: -0.011 min
Response: 3976744
Conc: 20.60 ug/ml

Instrument :

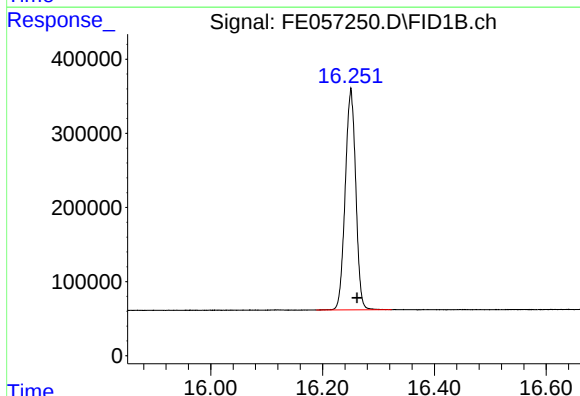
FID_E

ClientSampleId :



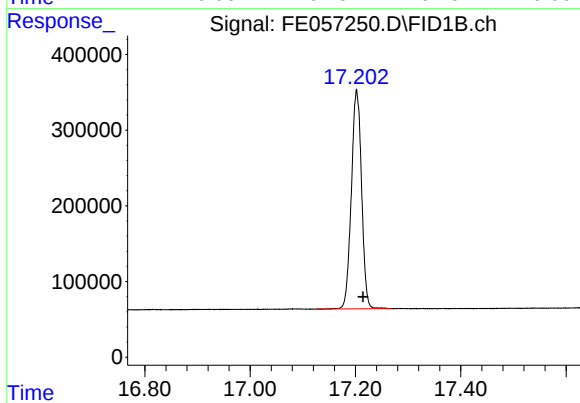
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.011 min
Response: 3951107
Conc: 19.95 ug/ml



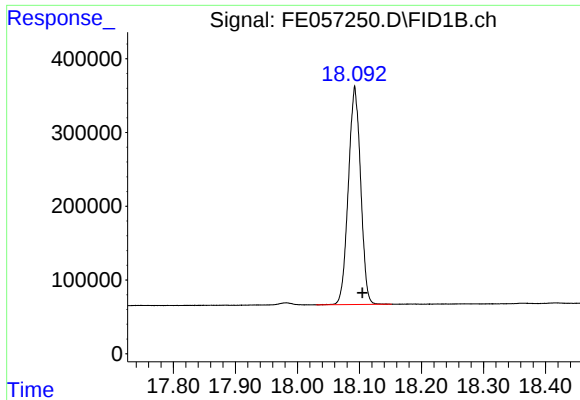
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.011 min
Response: 3893221
Conc: 19.62 ug/ml



#16 n-Octacosane (C28)

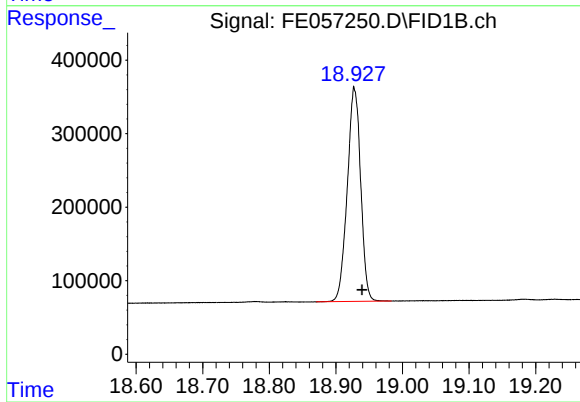
R.T.: 17.202 min
Delta R.T.: -0.012 min
Response: 3896911
Conc: 18.96 ug/ml



#17 n-Tricontane (C30)

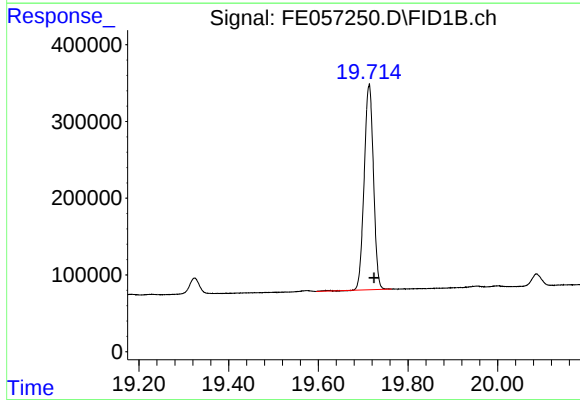
R.T.: 18.093 min
Delta R.T.: -0.012 min
Response: 4060266
Conc: 18.09 ug/ml

Instrument :
FID_E
ClientSampleId :



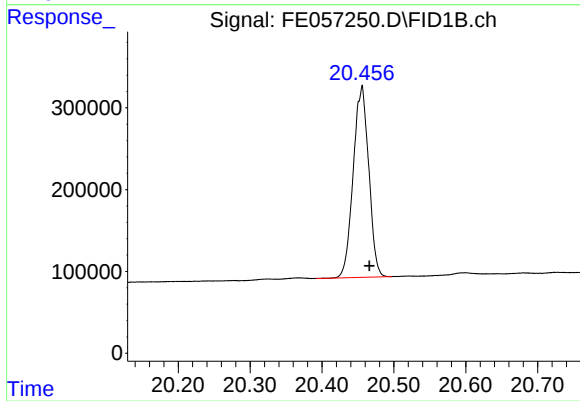
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.012 min
Response: 4064960
Conc: 17.41 ug/ml



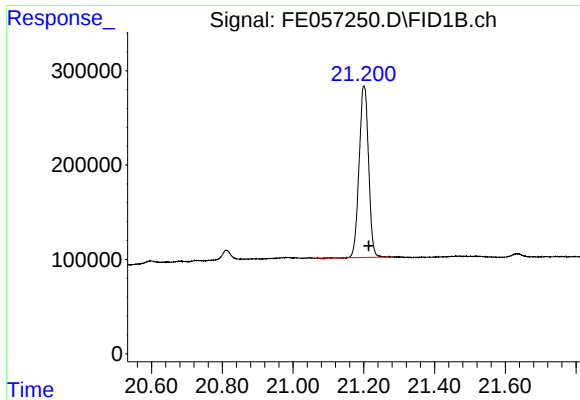
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.011 min
Response: 3844509
Conc: 18.00 ug/ml



#20 n-Hexatriacontane (C36)

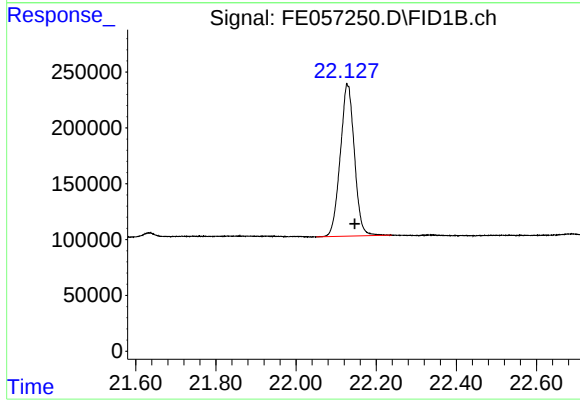
R.T.: 20.455 min
Delta R.T.: -0.011 min
Response: 3506618
Conc: 18.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.013 min
Response: 3362134
Conc: 19.40 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.018 min
Response: 3338424
Conc: 19.81 ug/ml