

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120225AL\
 Data File : FE057143.D
 Signal(s) : FID1B.ch
 Acq On : 03 Dec 2025 01:59
 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: Dec 03 03:11:47 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)	11.937	4380912	19.964 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	13.375	3313736	19.911 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
Target Compounds			
1) T n-Nonane (C9)	3.295	3989203	20.393 ug/ml
2) T n-Decane (C10)	4.548	4092390	20.233 ug/ml
3) T A~Naphthalene (C11.7)	6.265	4115754	20.443 ug/ml
4) T n-Dodecane (C12)	6.721	4132989	20.250 ug/ml
5) T A~2-methylnaphthalene...	7.365	3837295	19.970 ug/ml
6) T n-Tetradecane (C14)	8.555	4063491	20.188 ug/ml
7) T n-Hexadecane (C16)	10.167	4115854	20.070 ug/ml
8) T n-Octadecane (C18)	11.615	4118112	19.980 ug/ml
10) T n-Eicosane (C20)	12.928	3905562	19.854 ug/ml
11) T n-Heneicosane (C21)	13.541	3805127	19.806 ug/ml
13) T n-Docosane (C22)	14.129	3766422	19.511 ug/ml
14) T n-Tetracosane (C24)	15.235	3714852	18.757 ug/ml
15) T n-Hexacosane (C26)	16.257	3660019	18.449 ug/ml
16) T n-Octacosane (C28)	17.210	3635310	17.690 ug/ml
17) T n-Tricontane (C30)	18.101	3737802	16.655 ug/ml
18) T n-Dotriacontane (C32)	18.935	3692304	15.817 ug/ml
19) T n-Tetratriacontane (C34)	19.720	3510907	16.438 ug/ml
20) T n-Hexatriacontane (C36)	20.462	3206738	17.228 ug/ml
21) T n-Octatriacontane (C38)	21.209	3066129	17.692 ug/ml
22) T n-Tetracontane (C40)	22.140	3067675	18.204 ug/ml

(f)=RT Delta > 1/2 Window

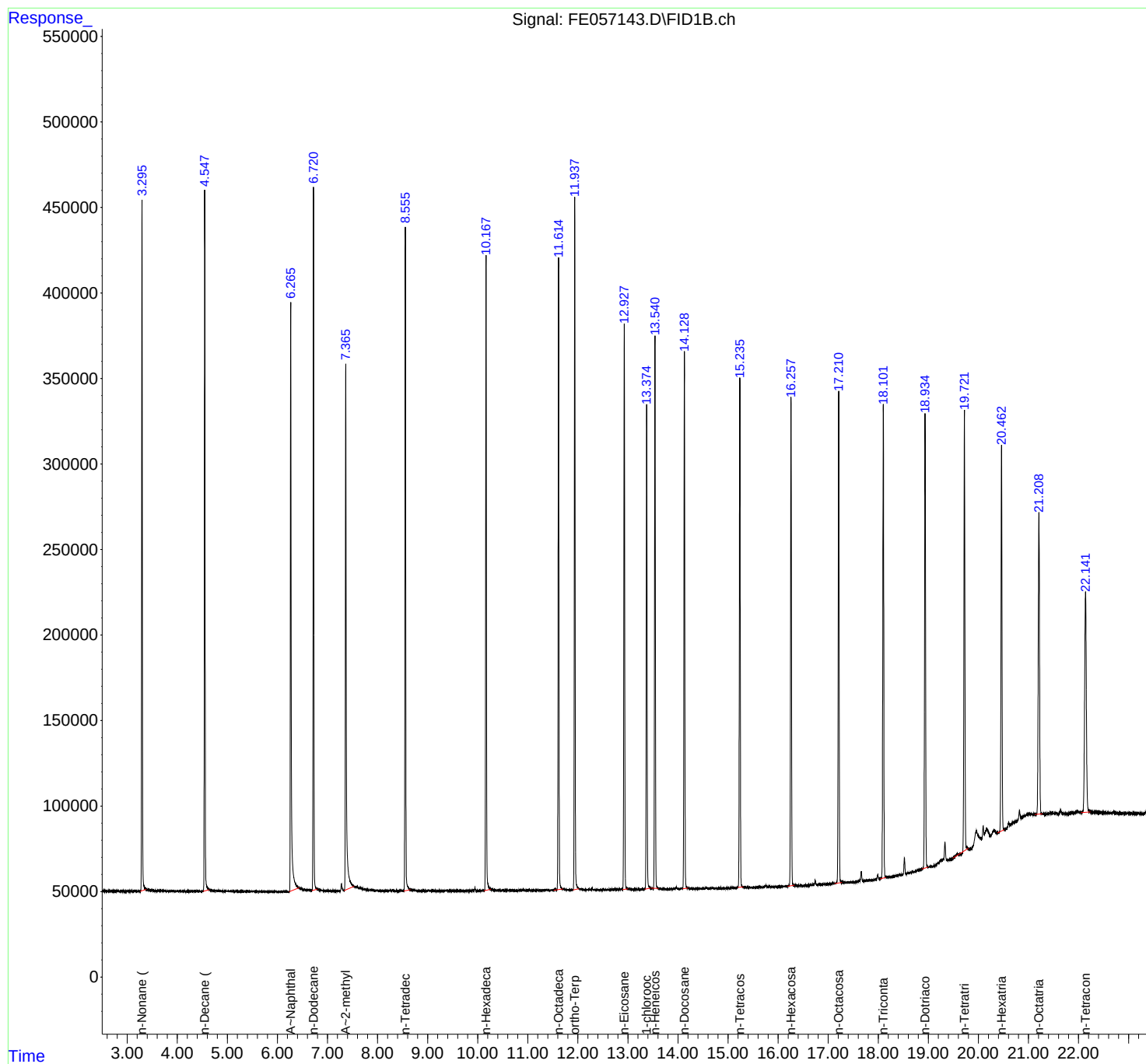
(m)=manual int.

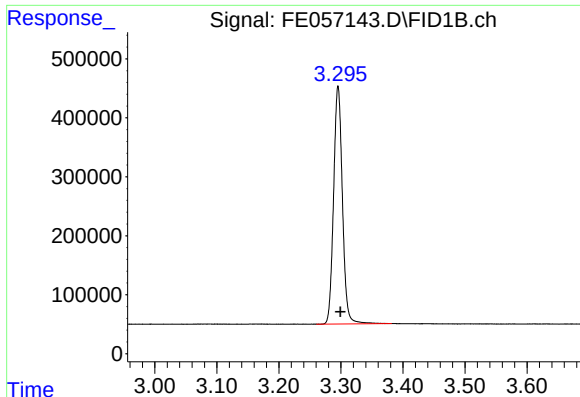
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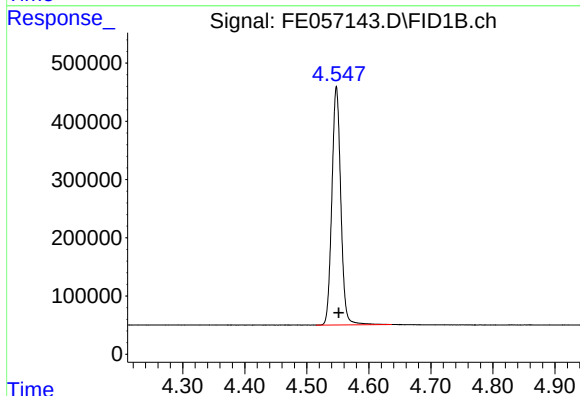




#1 n-Nonane (C9)

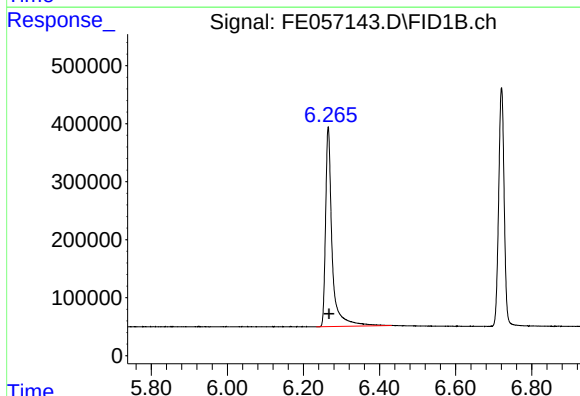
R.T.: 3.295 min
Delta R.T.: -0.004 min
Response: 3989203
Conc: 20.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



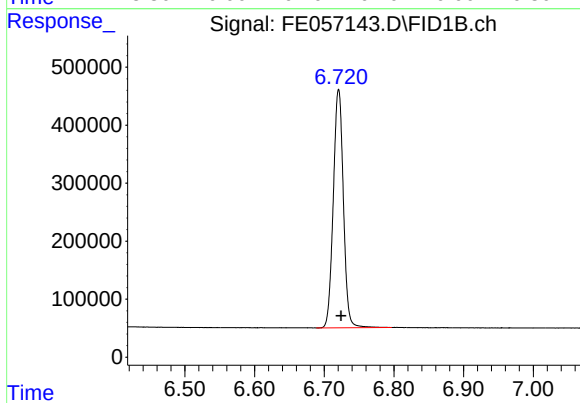
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.004 min
Response: 4092390
Conc: 20.23 ug/ml



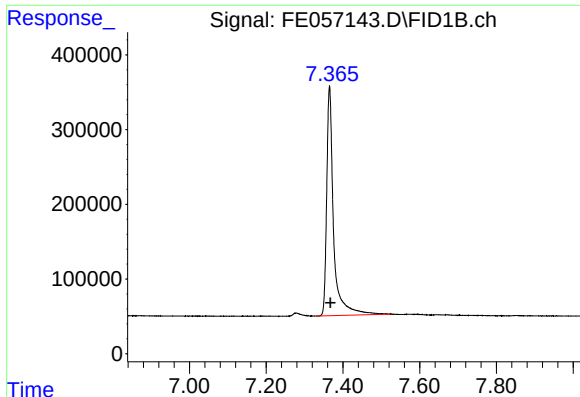
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: -0.003 min
Response: 4115754
Conc: 20.44 ug/ml



#4 n-Dodecane (C12)

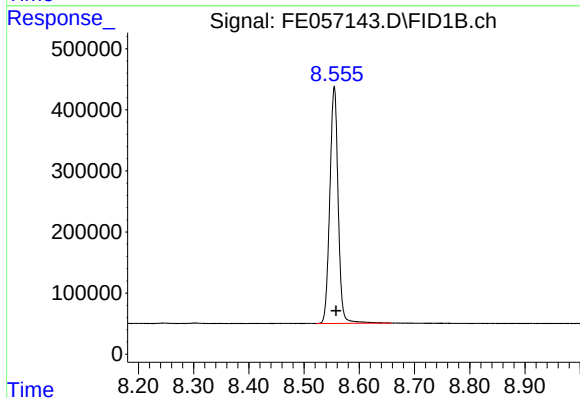
R.T.: 6.721 min
Delta R.T.: -0.003 min
Response: 4132989
Conc: 20.25 ug/ml



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

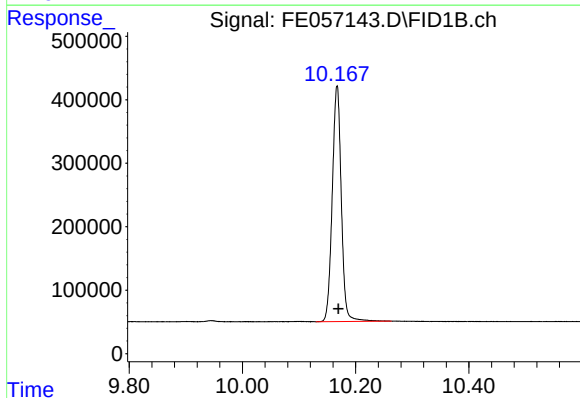
R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 3837295
Conc: 19.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



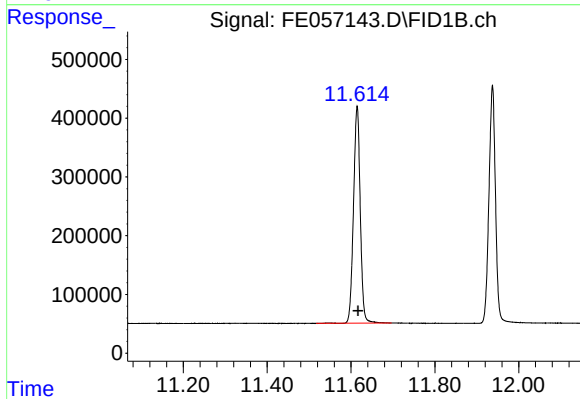
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: -0.003 min
Response: 4063491
Conc: 20.19 ug/ml



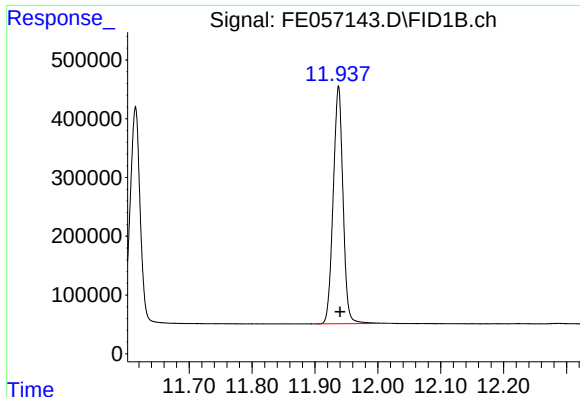
#7 n-Hexadecane (C16)

R.T.: 10.167 min
Delta R.T.: -0.003 min
Response: 4115854
Conc: 20.07 ug/ml



#8 n-Octadecane (C18)

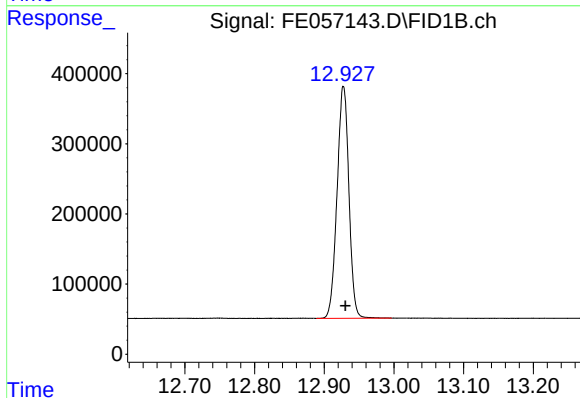
R.T.: 11.615 min
Delta R.T.: -0.002 min
Response: 4118112
Conc: 19.98 ug/ml



#9 ortho-Terphenyl (SURR)

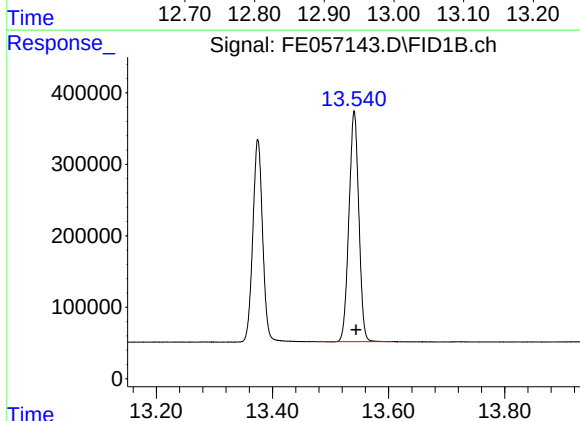
R.T.: 11.937 min
Delta R.T.: -0.003 min
Response: 4380912
Conc: 19.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



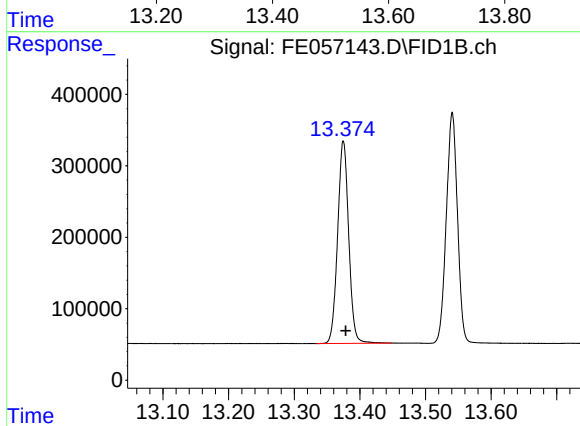
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: -0.003 min
Response: 3905562
Conc: 19.85 ug/ml



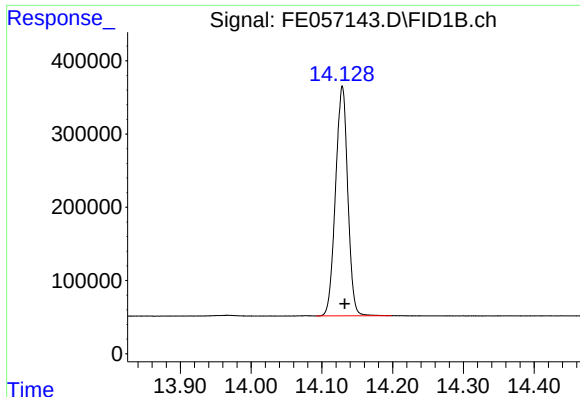
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.003 min
Response: 3805127
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

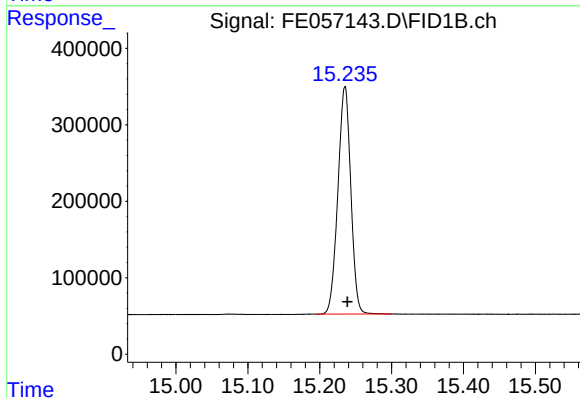
R.T.: 13.375 min
Delta R.T.: -0.003 min
Response: 3313736
Conc: 19.91 ug/ml



#13 n-Docosane (C22)

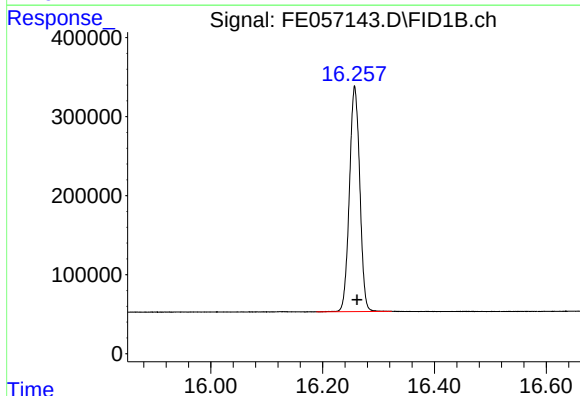
R.T.: 14.129 min
Delta R.T.: -0.004 min
Response: 3766422
Conc: 19.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



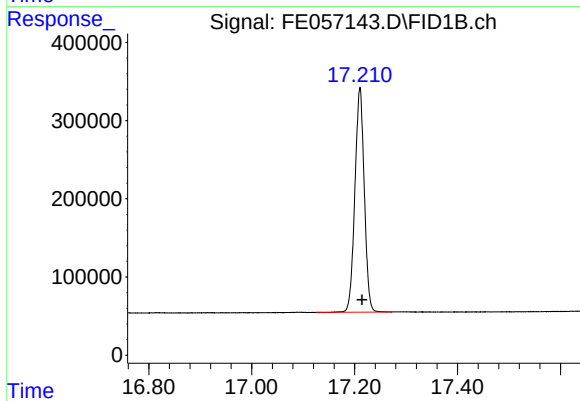
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.003 min
Response: 3714852
Conc: 18.76 ug/ml



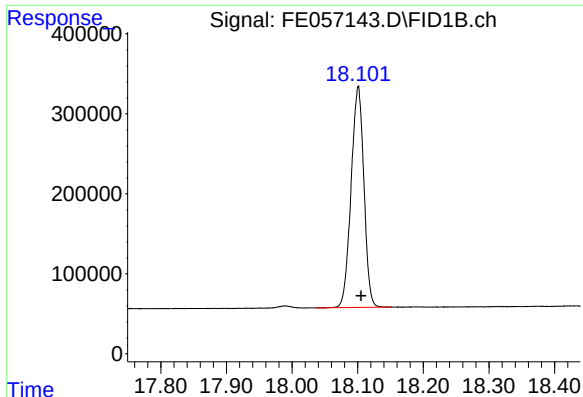
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.004 min
Response: 3660019
Conc: 18.45 ug/ml



#16 n-Octacosane (C28)

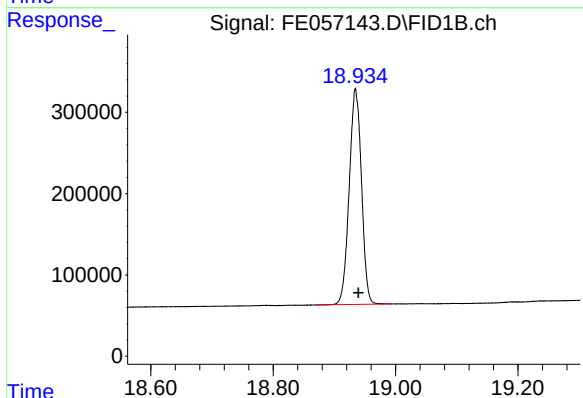
R.T.: 17.210 min
Delta R.T.: -0.004 min
Response: 3635310
Conc: 17.69 ug/ml



#17 n-Tricontane (C30)

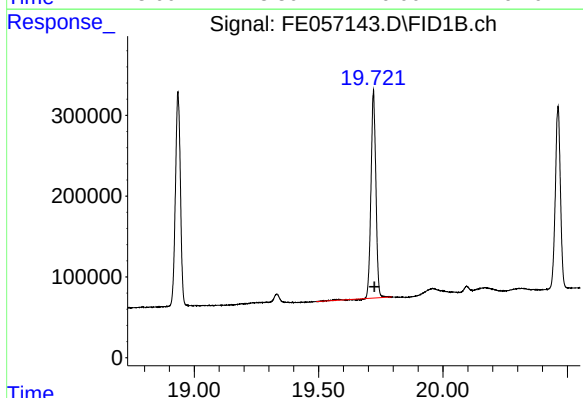
R.T.: 18.101 min
Delta R.T.: -0.004 min
Response: 3737802
Conc: 16.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



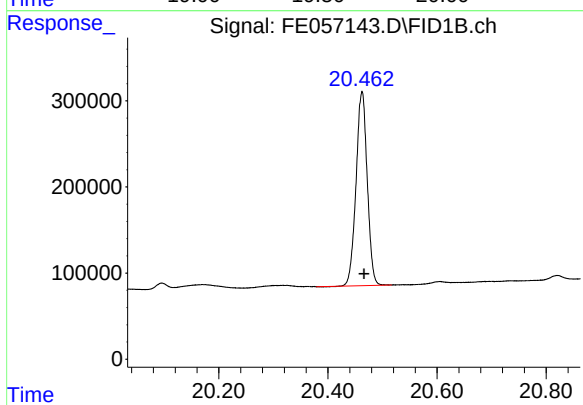
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.005 min
Response: 3692304
Conc: 15.82 ug/ml



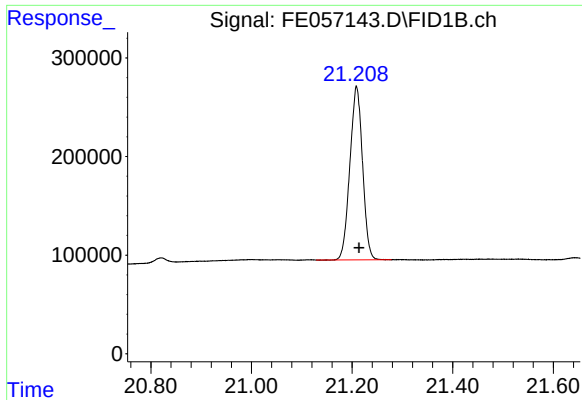
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: -0.004 min
Response: 3510907
Conc: 16.44 ug/ml



#20 n-Hexatriacontane (C36)

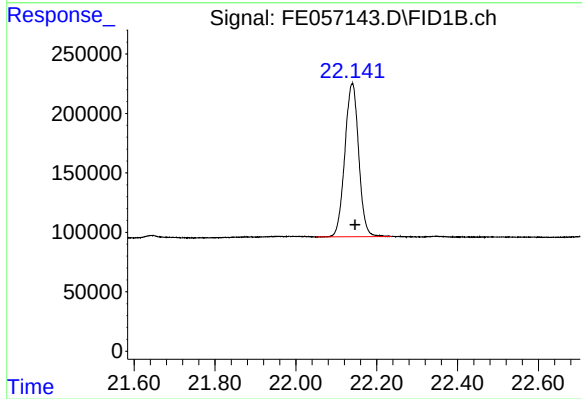
R.T.: 20.462 min
Delta R.T.: -0.004 min
Response: 3206738
Conc: 17.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: -0.005 min
Response: 3066129
Conc: 17.69 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: -0.007 min
Response: 3067675
Conc: 18.20 ug/ml