

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102825AL\
 Data File : FE056535.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2025 12:49
 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: Oct 29 01:40:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 14:34:40 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)	11.982	3446874	16.872 ug/ml
Spiked Amount 50.000		Recovery =	33.74%
12) S 1-chlorooctadecane (S...	13.422	2556185	16.753 ug/ml
Spiked Amount 50.000		Recovery =	33.51%
Target Compounds			
1) T n-Nonane (C9)	3.339	2730551	16.752 ug/ml
2) T n-Decane (C10)	4.592	3026490	18.404 ug/ml
3) T A~Naphthalene (C11.7)	6.305	3049758	17.252 ug/ml
4) T n-Dodecane (C12)	6.765	3114015	18.560 ug/ml
5) T A~2-methylnaphthalene...	7.404	2869563	17.222 ug/ml
6) T n-Tetradecane (C14)	8.600	3066467	18.458 ug/ml
7) T n-Hexadecane (C16)	10.213	3151462	18.013 ug/ml
8) T n-Octadecane (C18)	11.661	3187278	17.473 ug/ml
10) T n-Eicosane (C20)	12.975	3037567	17.060 ug/ml
11) T n-Heneicosane (C21)	13.588	2960604	16.874 ug/ml
13) T n-Docosane (C22)	14.176	2936174	16.587 ug/ml
14) T n-Tetracosane (C24)	15.283	2921885	16.060 ug/ml
15) T n-Hexacosane (C26)	16.307	2896731	16.137 ug/ml
16) T n-Octacosane (C28)	17.259	2903316	16.320 ug/ml
17) T n-Tricontane (C30)	18.148	3055187	16.827 ug/ml
18) T n-Dotriacontane (C32)	18.983	3059975	17.357 ug/ml
19) T n-Tetratriacontane (C34)	19.768	2767503	17.878 ug/ml
20) T n-Hexatriacontane (C36)	20.510	2350744	18.816 ug/ml
21) T n-Octatriacontane (C38)	21.264	2136375	20.448 ug/ml

(f)=RT Delta > 1/2 Window

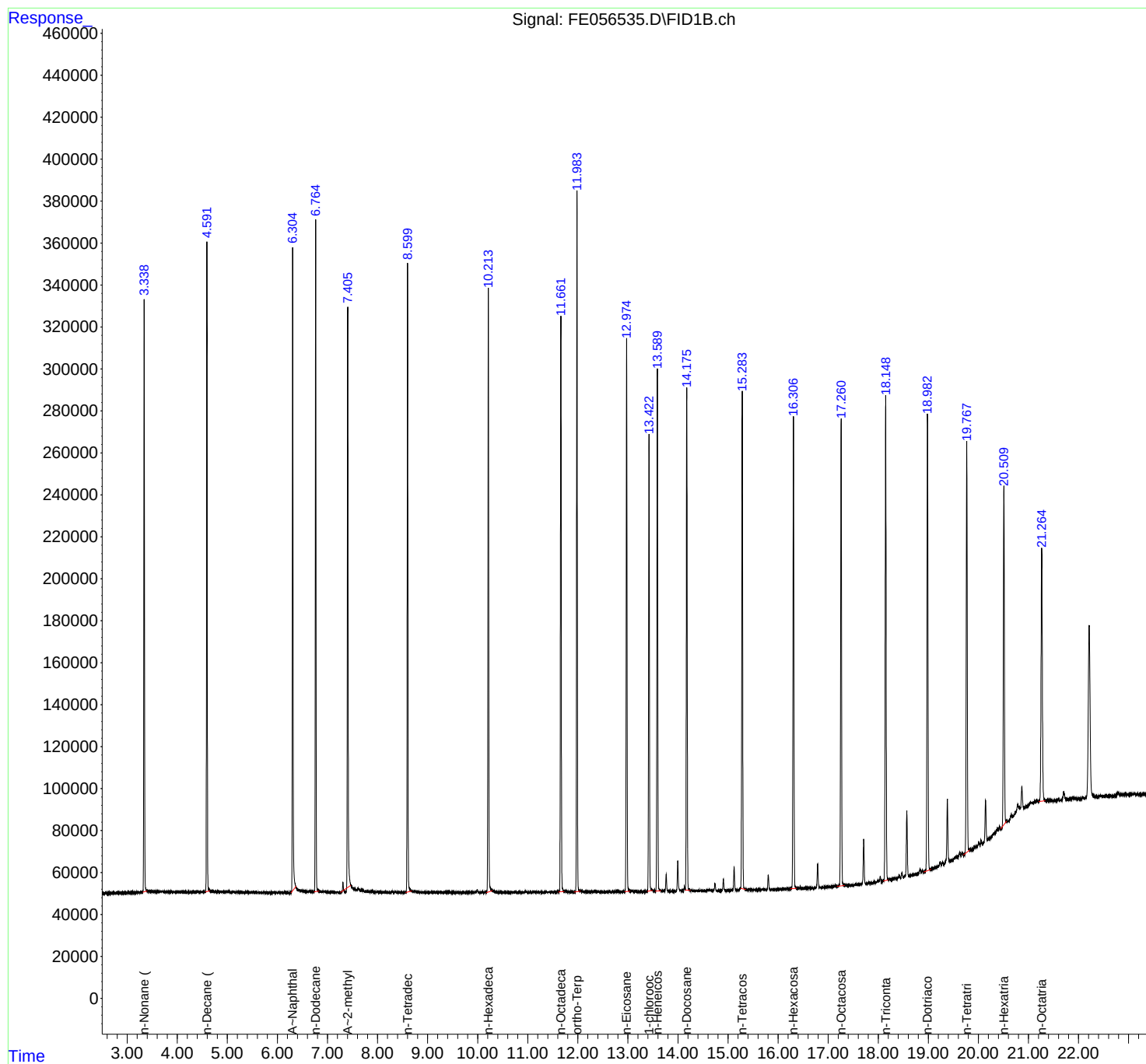
(m)=manual int.

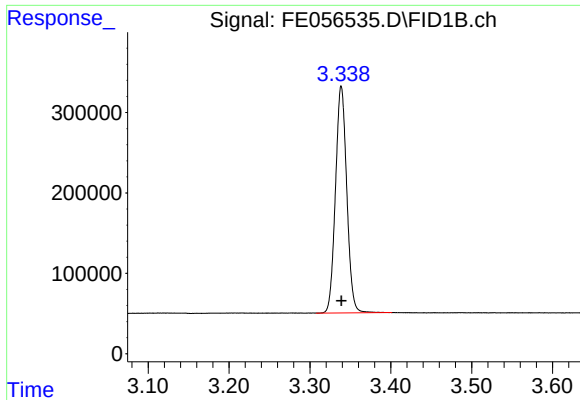
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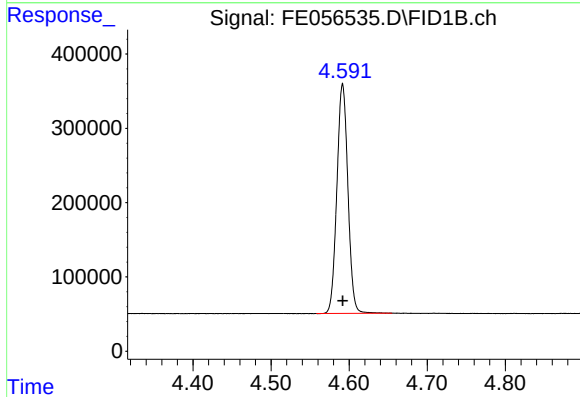




#1 n-Nonane (C9)

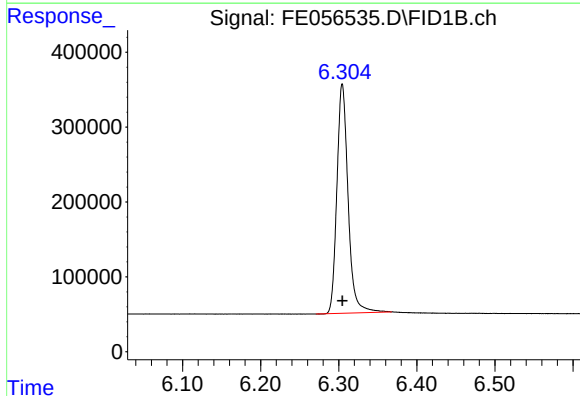
R.T.: 3.339 min
Delta R.T.: 0.000 min
Response: 2730551
Conc: 16.75 ug/ml

Instrument :
FID_E
ClientSampleId :



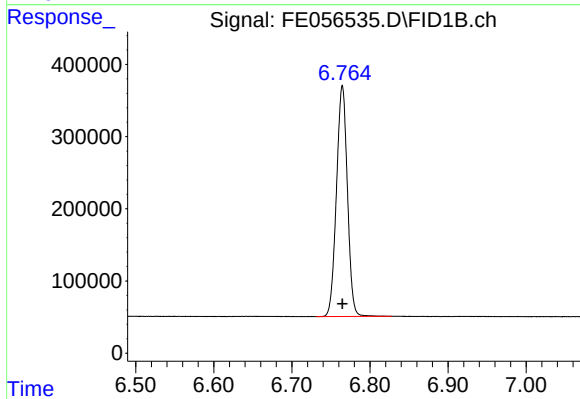
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 3026490
Conc: 18.40 ug/ml



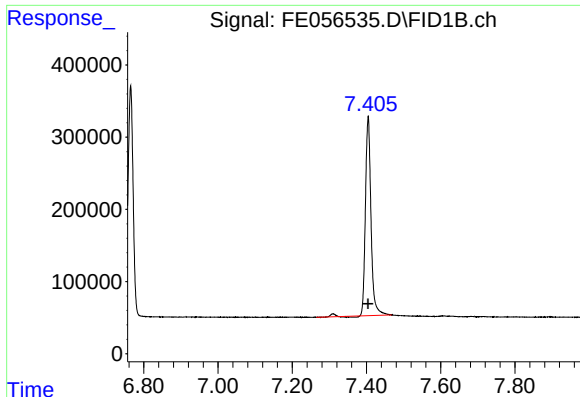
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 3049758
Conc: 17.25 ug/ml



#4 n-Dodecane (C12)

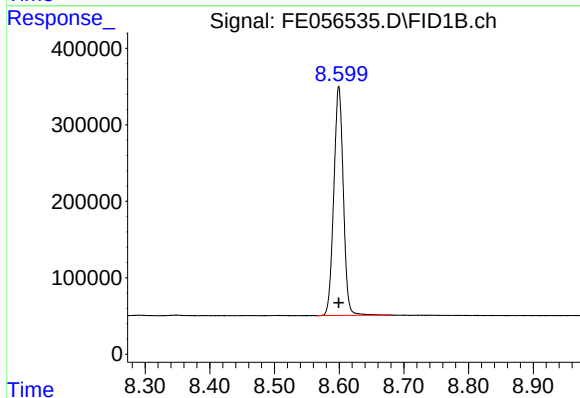
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 3114015
Conc: 18.56 ug/ml



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

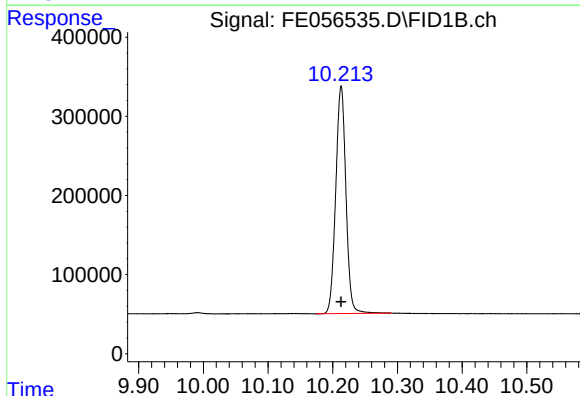
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 2869563
Conc: 17.22 ug/ml

Instrument :
FID_E
ClientSampleId :



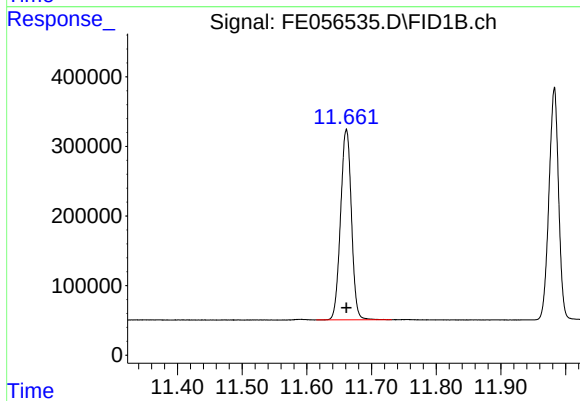
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: 0.000 min
Response: 3066467
Conc: 18.46 ug/ml



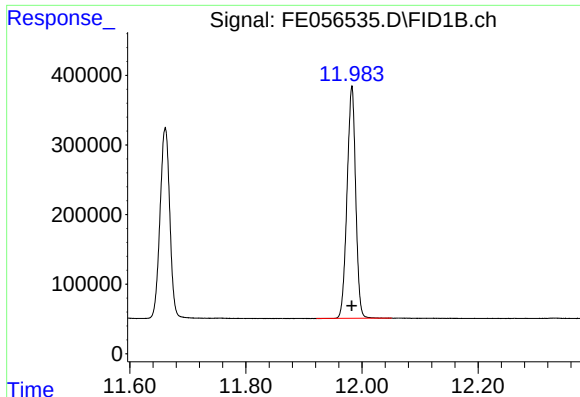
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: 0.000 min
Response: 3151462
Conc: 18.01 ug/ml



#8 n-Octadecane (C18)

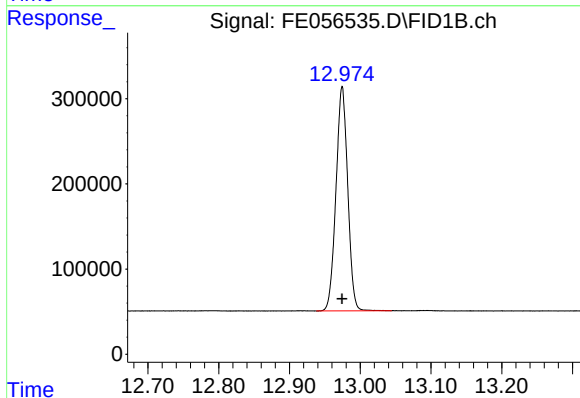
R.T.: 11.661 min
Delta R.T.: 0.000 min
Response: 3187278
Conc: 17.47 ug/ml



#9 ortho-Terphenyl (SURR)

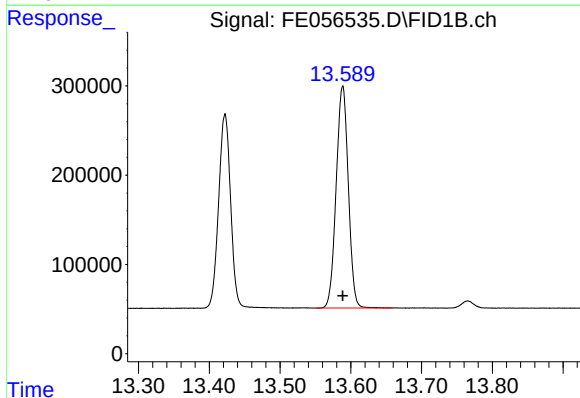
R.T.: 11.982 min
Delta R.T.: 0.000 min
Response: 3446874
Conc: 16.87 ug/ml

Instrument :
FID_E
ClientSampleId :



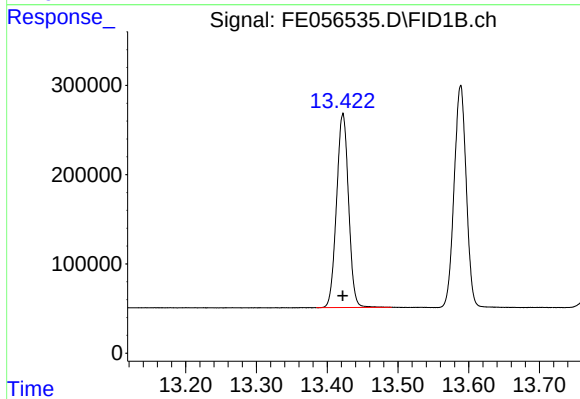
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: 0.000 min
Response: 3037567
Conc: 17.06 ug/ml



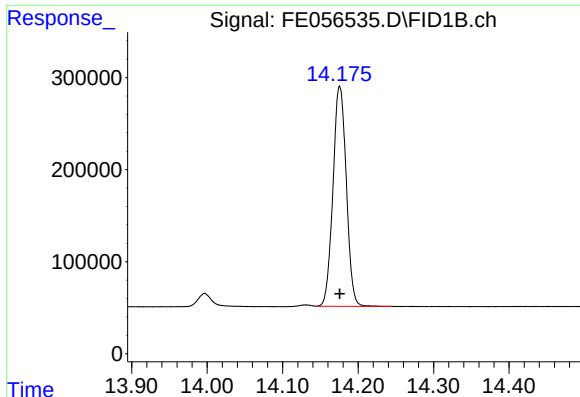
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: 0.000 min
Response: 2960604
Conc: 16.87 ug/ml



#12 1-chlorooctadecane (SURR)

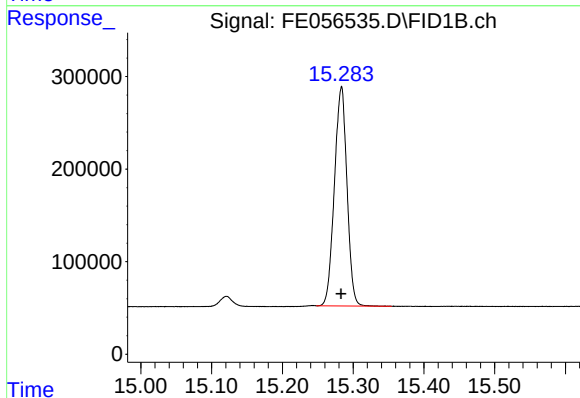
R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 2556185
Conc: 16.75 ug/ml



#13 n-Docosane (C22)

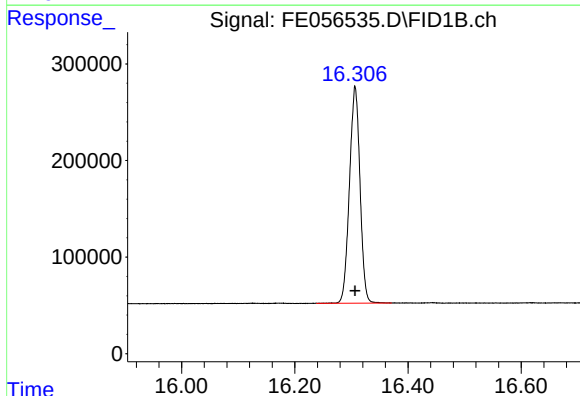
R.T.: 14.176 min
Delta R.T.: 0.000 min
Response: 2936174
Conc: 16.59 ug/ml

Instrument :
FID_E
ClientSampleId :



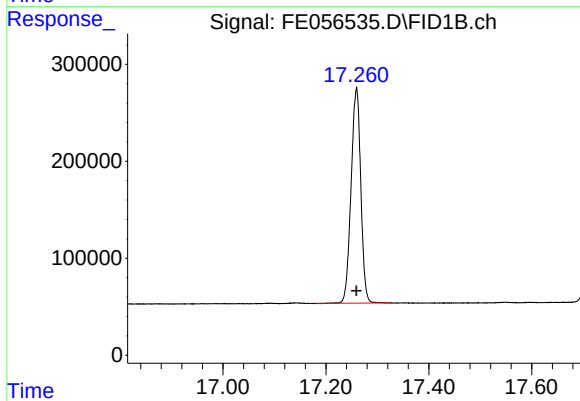
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.000 min
Response: 2921885
Conc: 16.06 ug/ml



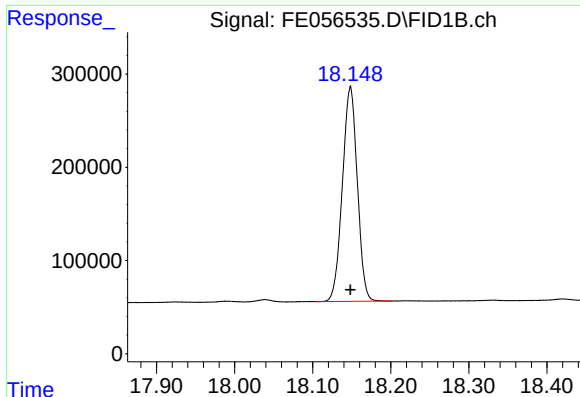
#15 n-Hexacosane (C26)

R.T.: 16.307 min
Delta R.T.: 0.000 min
Response: 2896731
Conc: 16.14 ug/ml



#16 n-Octacosane (C28)

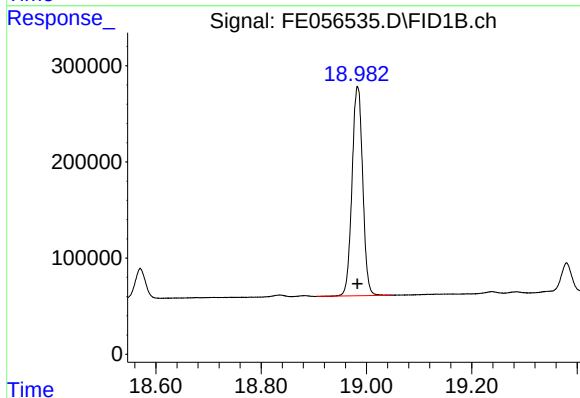
R.T.: 17.259 min
Delta R.T.: 0.000 min
Response: 2903316
Conc: 16.32 ug/ml



#17 n-Tricontane (C30)

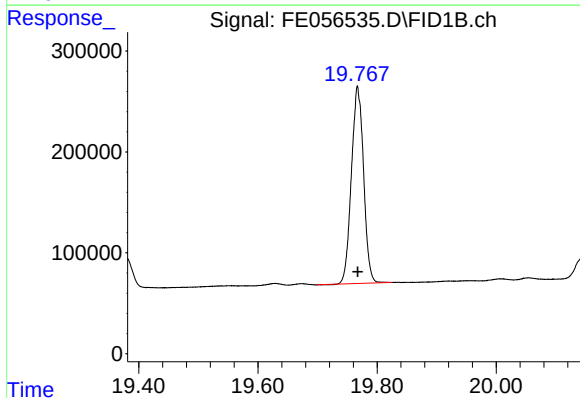
R.T.: 18.148 min
Delta R.T.: 0.000 min
Response: 3055187
Conc: 16.83 ug/ml

Instrument :
FID_E
ClientSampleId :



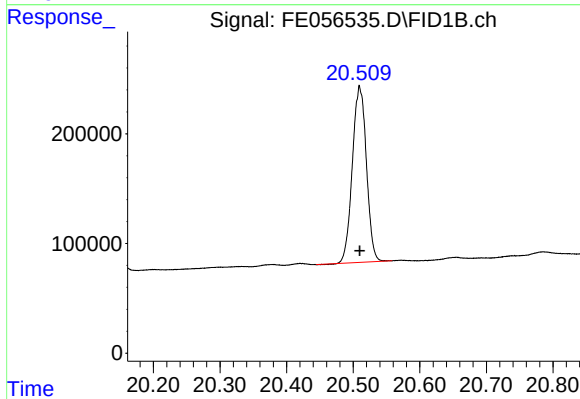
#18 n-Dotriacontane (C32)

R.T.: 18.983 min
Delta R.T.: 0.000 min
Response: 3059975
Conc: 17.36 ug/ml



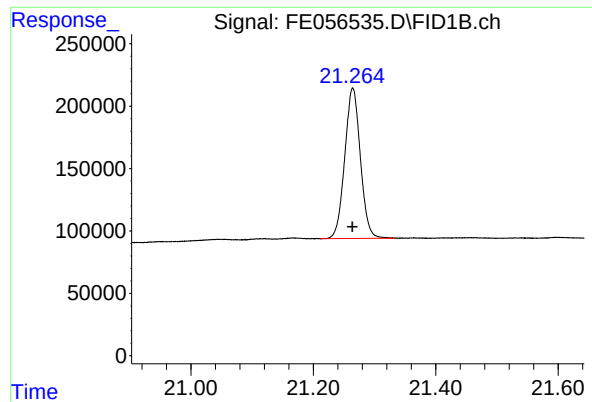
#19 n-Tetratriacontane (C34)

R.T.: 19.768 min
Delta R.T.: 0.000 min
Response: 2767503
Conc: 17.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.510 min
Delta R.T.: 0.000 min
Response: 2350744
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.264 min
Delta R.T.: 0.000 min
Response: 2136375
Conc: 20.45 ug/ml

Instrument :

FID_E

ClientSampleId :