

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121123AL\
 Data File : FE045758.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2023 14:58
 Operator : YP\AJ
 Sample : PB157671BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB157671BSD

Integration File: autoint1.e
 Quant Time: Dec 11 23:45:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 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)	11.861	9208212	44.034 ug/ml
Spiked Amount 50.000		Recovery =	88.07%
12) S 1-chlorooctadecane (S...	13.303	7082576	45.013 ug/ml
Spiked Amount 50.000		Recovery =	90.03%
Target Compounds			
1) T n-Nonane (C9)	3.256	6822657	43.025 ug/ml
2) T n-Decane (C10)	4.502	7277448	45.446 ug/ml
3) T A~Naphthalene (C11.7)	6.198	8343503	47.898 ug/ml
4) T n-Dodecane (C12)	6.663	7707345	47.715 ug/ml
5) T A~2-methylnaphthalene...	7.293	8248906	48.575 ug/ml
6) T n-Tetradecane (C14)	8.491	8000645	49.872 ug/ml
7) T n-Hexadecane (C16)	10.100	8286558	50.041 ug/ml
8) T n-Octadecane (C18)	11.546	8418066	49.099 ug/ml
10) T n-Eicosane (C20)	12.860	8384049	48.457 ug/ml
11) T n-Heneicosane (C21)	13.472	7991945	46.457 ug/ml
13) T n-Docosane (C22)	14.059	7854694	45.555 ug/ml
14) T n-Tetracosane (C24)	15.158	15360087	87.983 ug/ml
15) T n-Hexacosane (C26)	16.190	7412908	42.565 ug/ml
16) T n-Octacosane (C28)	17.141	7337380	42.454 ug/ml
17) T n-Tricontane (C30)	18.033	7240943	41.389 ug/ml
18) T n-Dotriacontane (C32)	18.866	7191881	39.422 ug/ml
19) T n-Tetratriacontane (C34)	19.653	7265533	43.787 ug/ml
20) T n-Hexatriacontane (C36)	20.396	7154980	45.074 ug/ml
21) T n-Octatriacontane (C38)	21.135	7361312	46.941 ug/ml
22) T n-Tetracontane (C40)	22.045	8057013	56.694 ug/ml

(f)=RT Delta > 1/2 Window

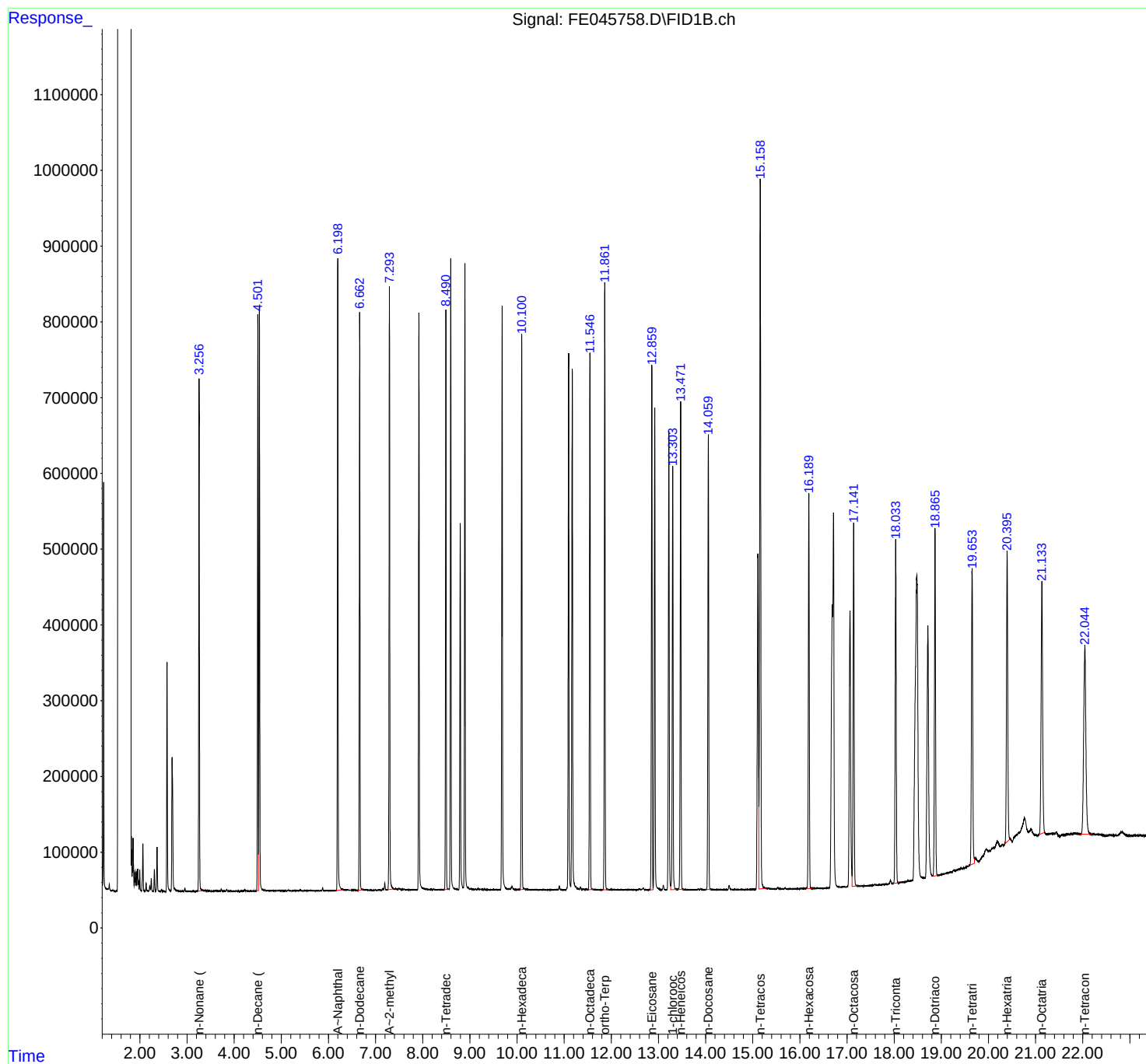
(m)=manual int.

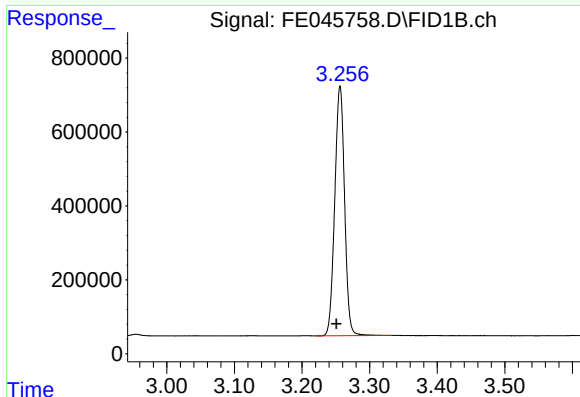
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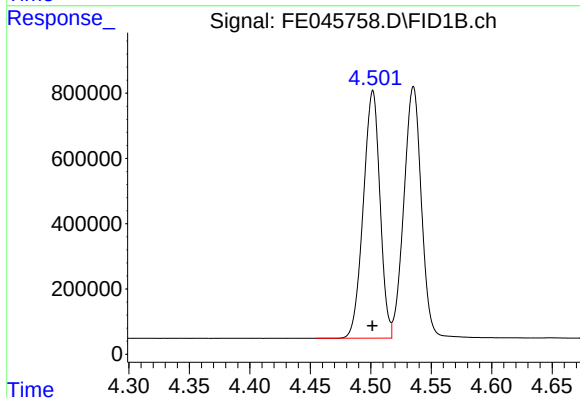




#1 n-Nonane (C9)

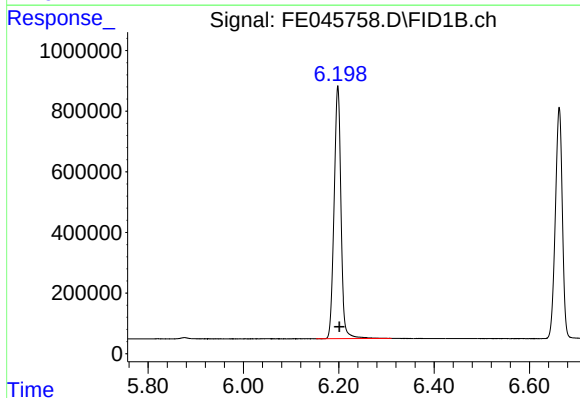
R.T.: 3.256 min
Delta R.T.: 0.005 min
Response: 6822657
Conc: 43.02 ug/ml

Instrument :
FID_E
ClientSampleId :
PB157671BSD



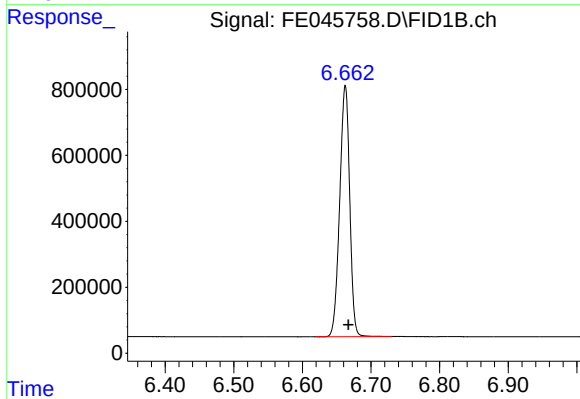
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 7277448
Conc: 45.45 ug/ml



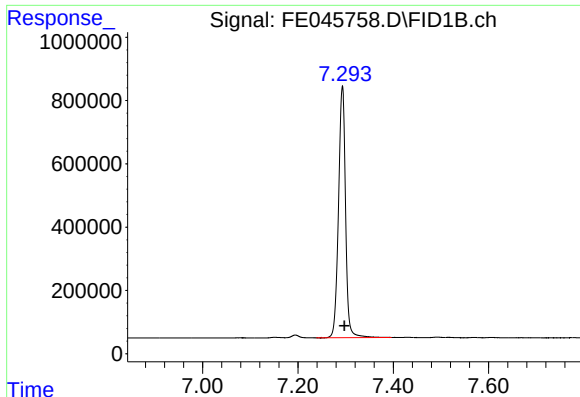
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.003 min
Response: 8343503
Conc: 47.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.663 min
Delta R.T.: -0.005 min
Response: 7707345
Conc: 47.72 ug/ml



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

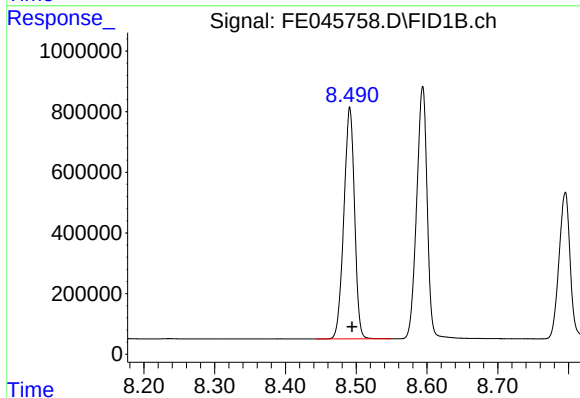
R.T.: 7.293 min
Delta R.T.: -0.004 min
Response: 8248906
Conc: 48.57 ug/ml

Instrument :

FID_E

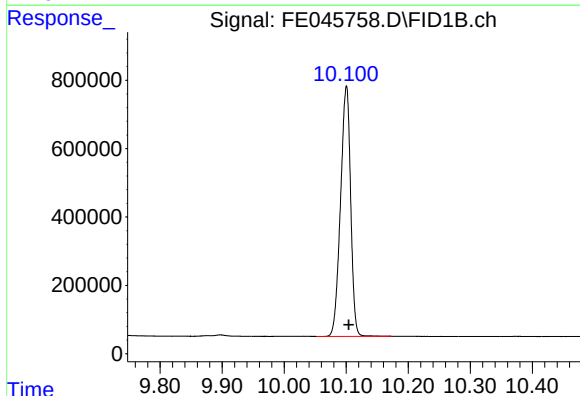
ClientSampleId :

PB157671BSD



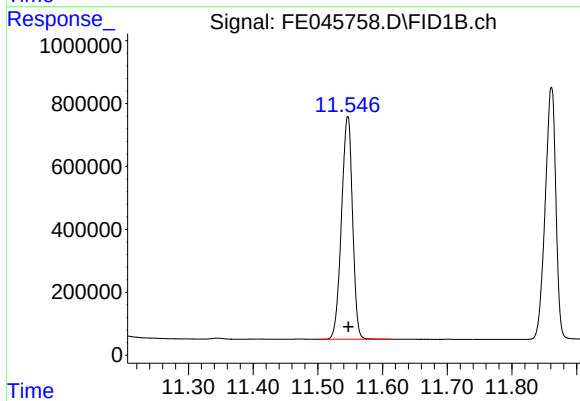
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.003 min
Response: 8000645
Conc: 49.87 ug/ml



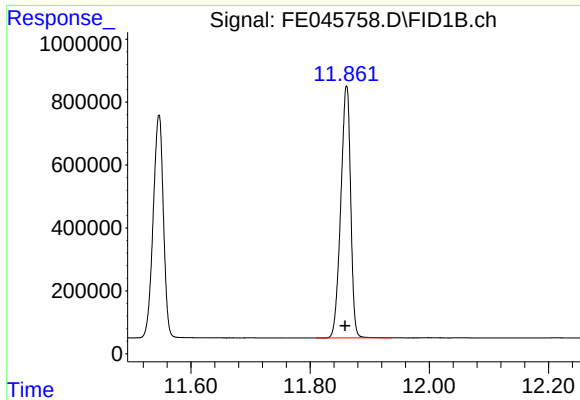
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.004 min
Response: 8286558
Conc: 50.04 ug/ml



#8 n-Octadecane (C18)

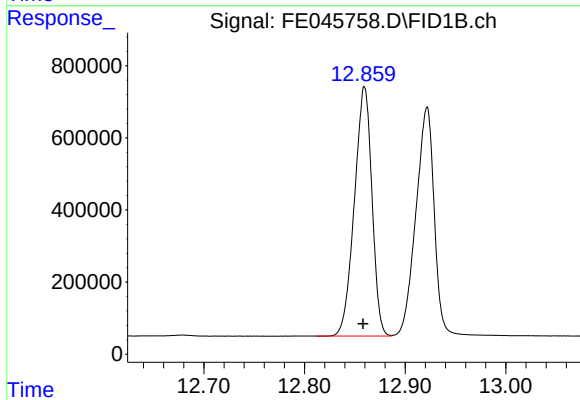
R.T.: 11.546 min
Delta R.T.: 0.000 min
Response: 8418066
Conc: 49.10 ug/ml



#9 ortho-Terphenyl (SURR)

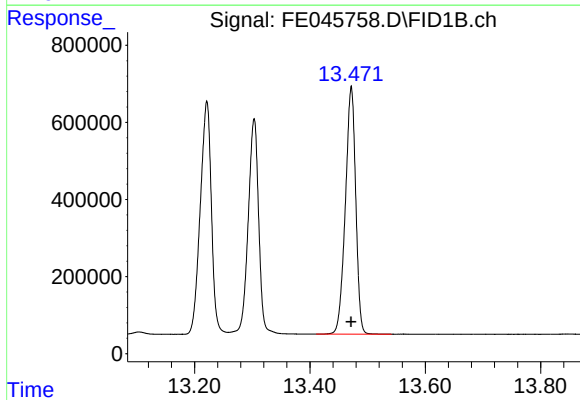
R.T.: 11.861 min
Delta R.T.: 0.002 min
Response: 9208212
Conc: 44.03 ug/ml

Instrument :
FID_E
ClientSampleId :
PB157671BSD



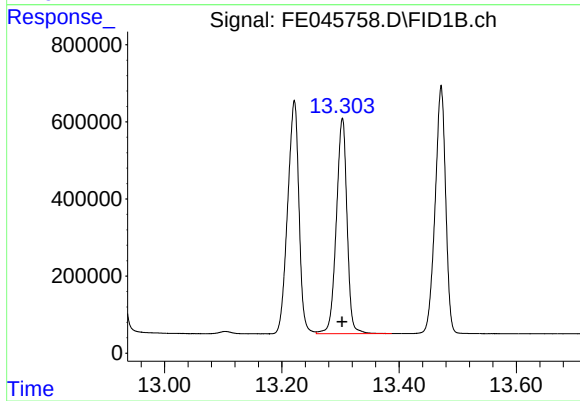
#10 n-Eicosane (C20)

R.T.: 12.860 min
Delta R.T.: 0.001 min
Response: 8384049
Conc: 48.46 ug/ml



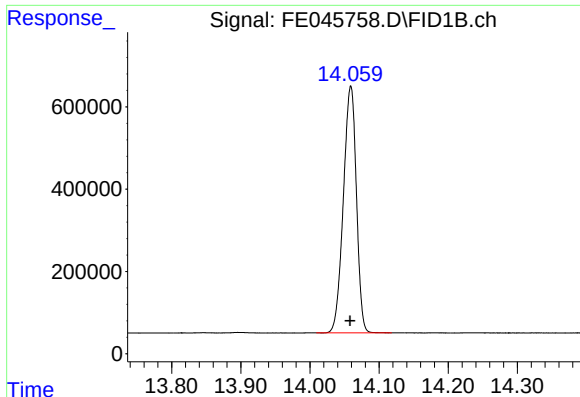
#11 n-Heneicosane (C21)

R.T.: 13.472 min
Delta R.T.: 0.000 min
Response: 7991945
Conc: 46.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min
Delta R.T.: 0.000 min
Response: 7082576
Conc: 45.01 ug/ml



#13 n-Docosane (C22)

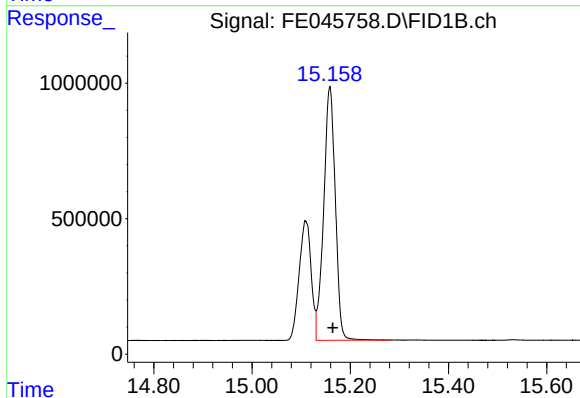
R.T.: 14.059 min
Delta R.T.: 0.001 min
Response: 7854694
Conc: 45.56 ug/ml

Instrument :

FID_E

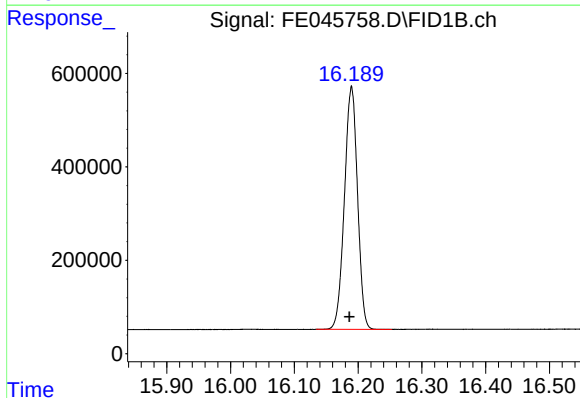
ClientSampleId :

PB157671BSD



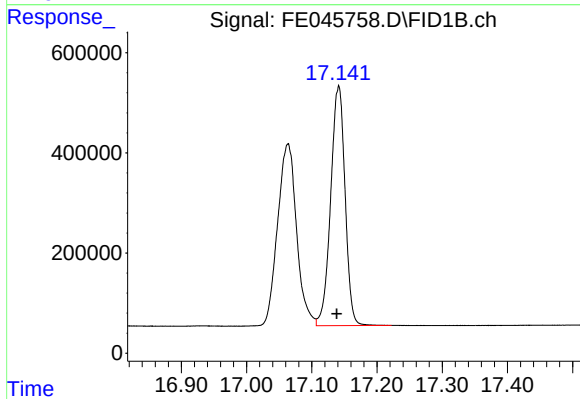
#14 n-Tetracosane (C24)

R.T.: 15.158 min
Delta R.T.: -0.006 min
Response: 15360087
Conc: 87.98 ug/ml



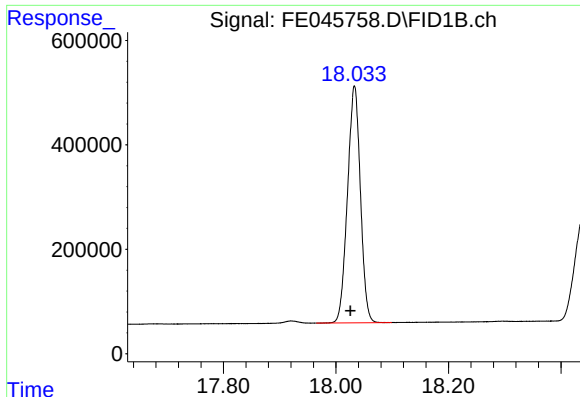
#15 n-Hexacosane (C26)

R.T.: 16.190 min
Delta R.T.: 0.004 min
Response: 7412908
Conc: 42.57 ug/ml



#16 n-Octacosane (C28)

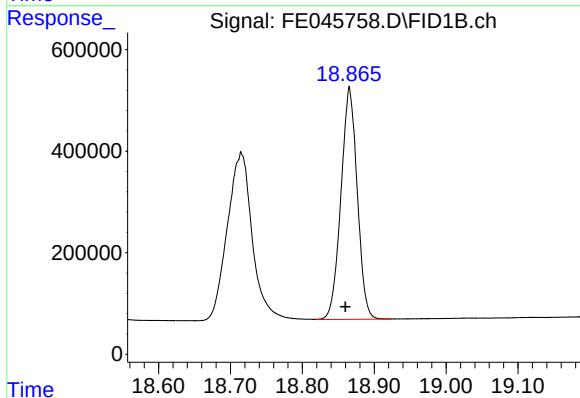
R.T.: 17.141 min
Delta R.T.: 0.003 min
Response: 7337380
Conc: 42.45 ug/ml



#17 n-Tricontane (C30)

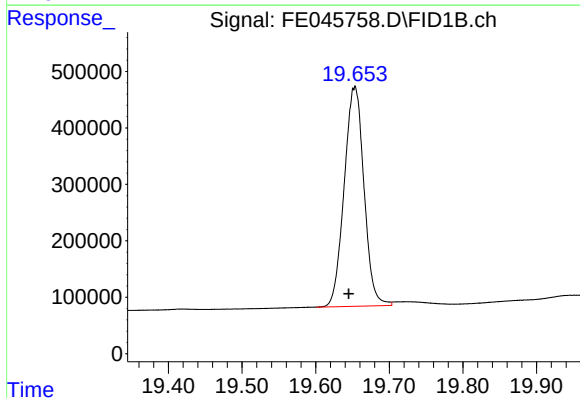
R.T.: 18.033 min
Delta R.T.: 0.007 min
Response: 7240943
Conc: 41.39 ug/ml

Instrument :
FID_E
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PB157671BSD



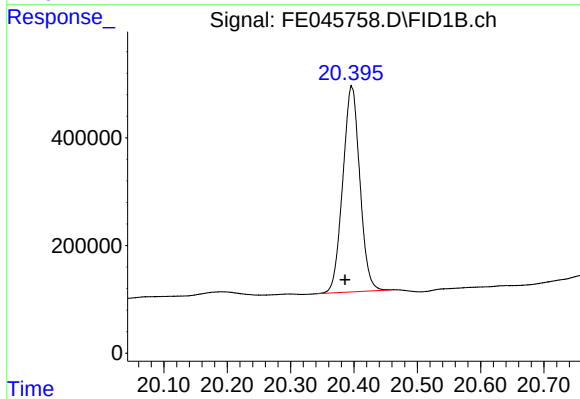
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: 0.006 min
Response: 7191881
Conc: 39.42 ug/ml



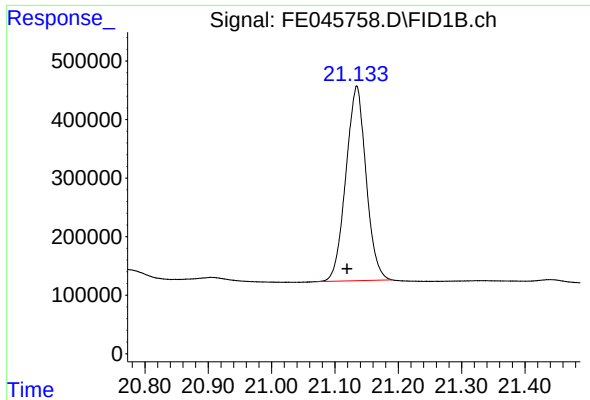
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.008 min
Response: 7265533
Conc: 43.79 ug/ml



#20 n-Hexatriacontane (C36)

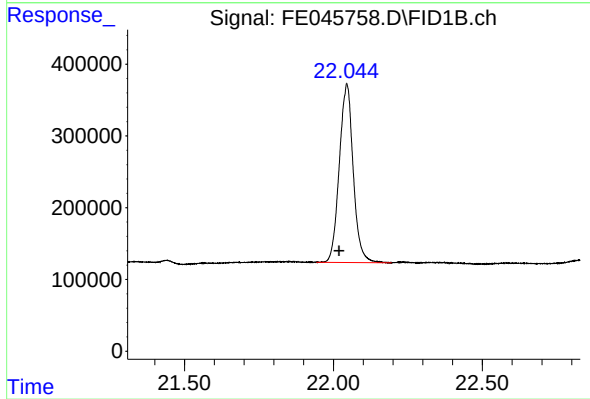
R.T.: 20.396 min
Delta R.T.: 0.010 min
Response: 7154980
Conc: 45.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: 0.016 min
Response: 7361312
Conc: 46.94 ug/ml

Instrument :
FID_E
ClientSampleId :
PB157671BSD



#22 n-Tetracontane (C40)

R.T.: 22.045 min
Delta R.T.: 0.025 min
Response: 8057013
Conc: 56.69 ug/ml