

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081623AL\
 Data File : FE043989.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2023 15:48
 Operator : YP\AJ
 Sample : PB154865BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB154865BS

Integration File: autoint1.e
 Quant Time: Aug 16 23:37:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.953	8786876	42.639 ug/ml
Spiked Amount 50.000		Recovery =	85.28%
12) S 1-chlorooctadecane (S...	13.389	6795914	43.550 ug/ml
Spiked Amount 50.000		Recovery =	87.10%
Target Compounds			
1) T n-Nonane (C9)	3.352	6759098	41.856 ug/ml
2) T n-Decane (C10)	4.598	7445097	45.173 ug/ml
3) T A~Naphthalene (C11.7)	6.294	8558364	47.006 ug/ml
4) T n-Dodecane (C12)	6.755	8037900	48.027 ug/ml
5) T A~2-methylnaphthalene...	7.389	8471416	47.585 ug/ml
6) T n-Tetradecane (C14)	8.583	8066417	47.877 ug/ml
7) T n-Hexadecane (C16)	10.190	8127891	46.076 ug/ml
8) T n-Octadecane (C18)	11.635	8150241	44.992 ug/ml
10) T n-Eicosane (C20)	12.944	8161023	46.116 ug/ml
11) T n-Heneicosane (C21)	13.557	7830911	44.227 ug/ml
13) T n-Docosane (C22)	14.144	7718290	44.004 ug/ml
14) T n-Tetracosane (C24)	15.235	14601768	83.106 ug/ml
15) T n-Hexacosane (C26)	16.271	7191991	41.612 ug/ml
16) T n-Octacosane (C28)	17.219	7060381	42.197 ug/ml
17) T n-Tricontane (C30)	18.110	6843378	41.318 ug/ml
18) T n-Dotriacontane (C32)	18.942	6527018	41.338 ug/ml
19) T n-Tetratriacontane (C34)	19.726	6134911	41.285 ug/ml
20) T n-Hexatriacontane (C36)	20.468	5630330	40.280 ug/ml
21) T n-Octatriacontane (C38)	21.214	5736149	42.998 ug/ml
22) T n-Tetracontane (C40)	22.143	5913363	45.830 ug/ml

(f)=RT Delta > 1/2 Window

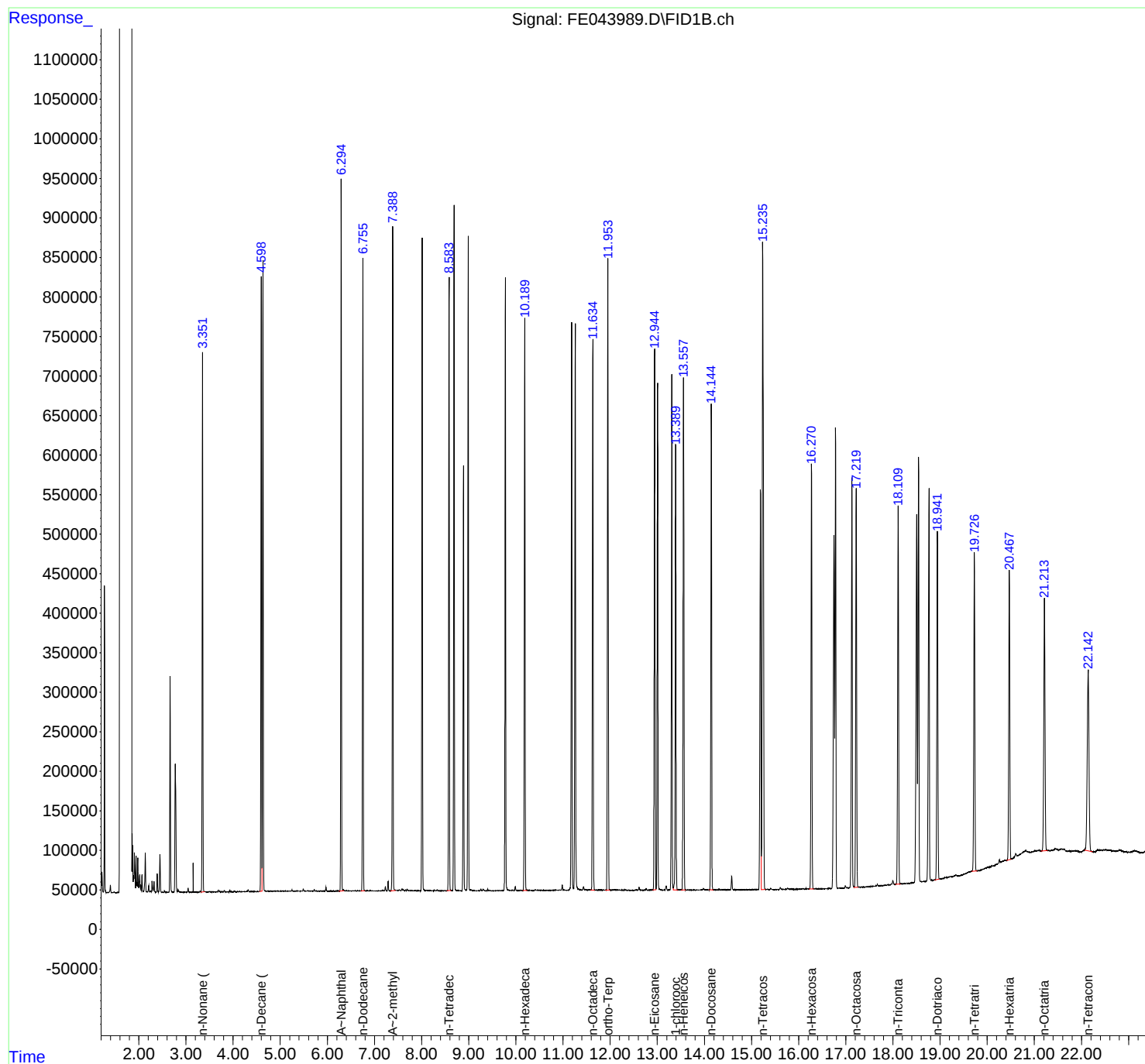
(m)=manual int.

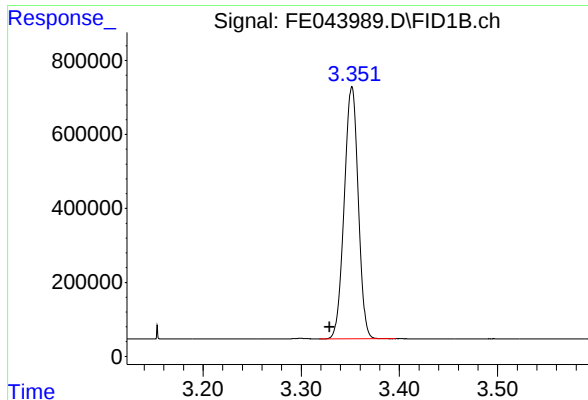
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081623AL\
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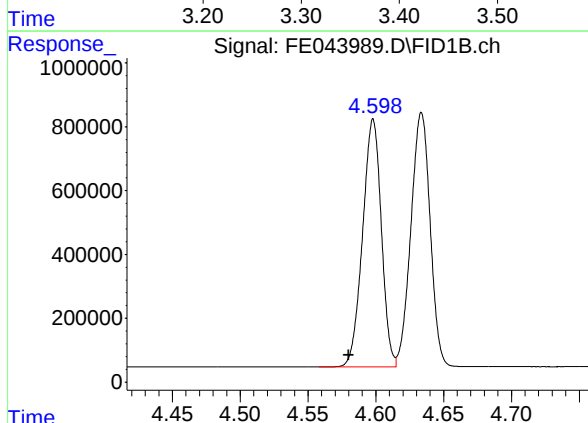




#1 n-Nonane (C9)

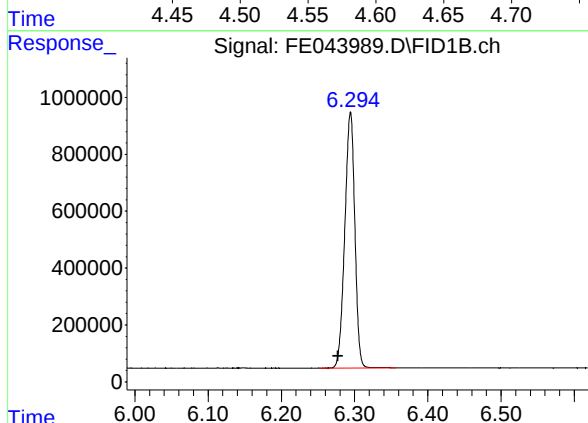
R.T.: 3.352 min
Delta R.T.: 0.023 min
Response: 6759098
Conc: 41.86 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154865BS



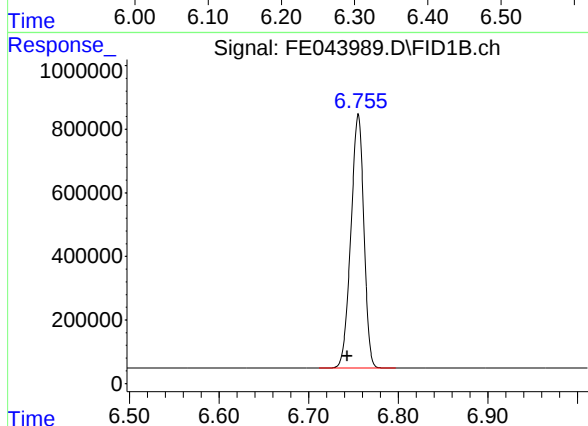
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: 0.018 min
Response: 7445097
Conc: 45.17 ug/ml



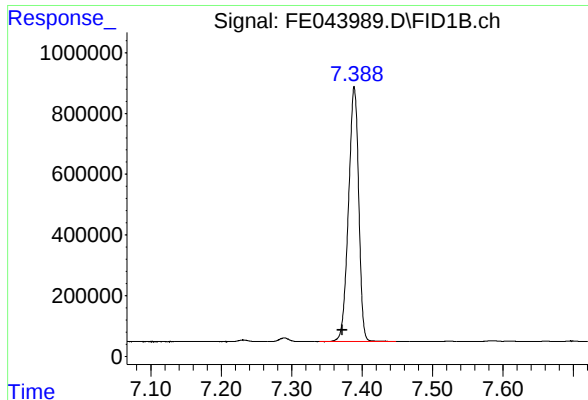
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: 0.017 min
Response: 8558364
Conc: 47.01 ug/ml



#4 n-Dodecane (C12)

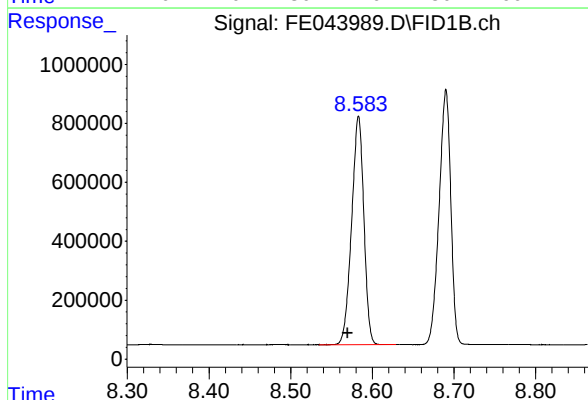
R.T.: 6.755 min
Delta R.T.: 0.012 min
Response: 8037900
Conc: 48.03 ug/ml



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

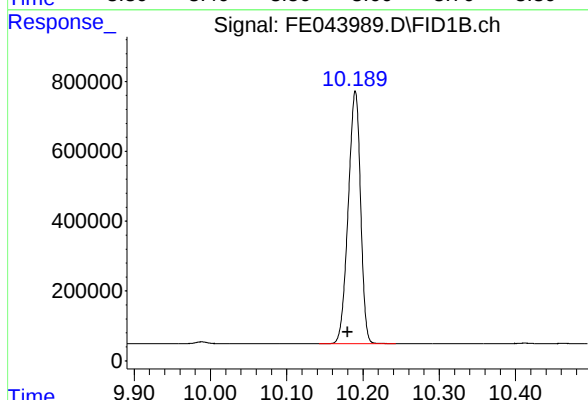
R.T.: 7.389 min
Delta R.T.: 0.017 min
Response: 8471416
Conc: 47.58 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154865BS



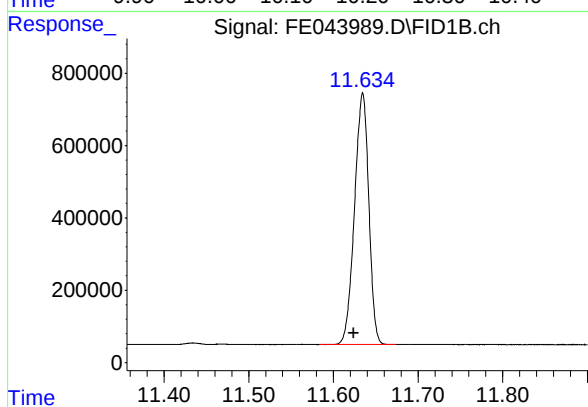
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: 0.014 min
Response: 8066417
Conc: 47.88 ug/ml



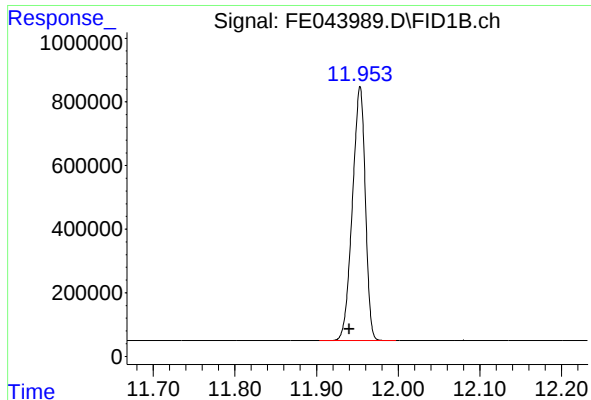
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: 0.010 min
Response: 8127891
Conc: 46.08 ug/ml



#8 n-Octadecane (C18)

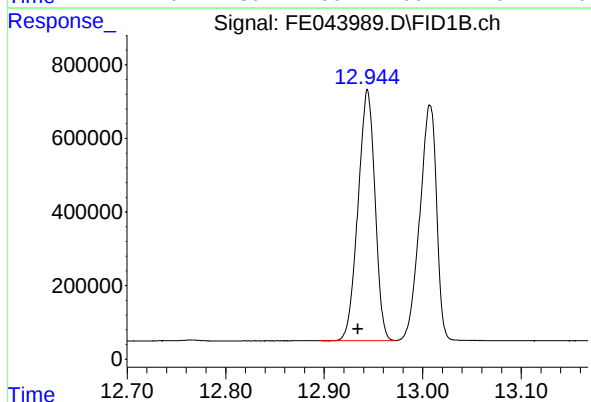
R.T.: 11.635 min
Delta R.T.: 0.011 min
Response: 8150241
Conc: 44.99 ug/ml



#9 ortho-Terphenyl (SURR)

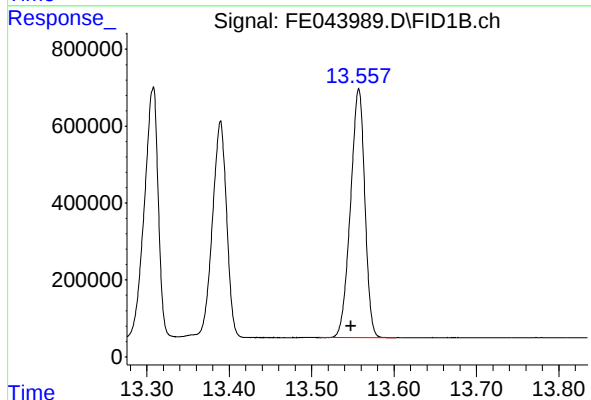
R.T.: 11.953 min
Delta R.T.: 0.013 min
Response: 8786876
Conc: 42.64 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154865BS



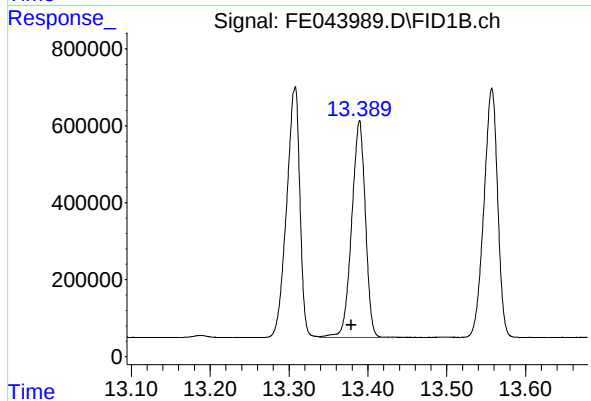
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.010 min
Response: 8161023
Conc: 46.12 ug/ml



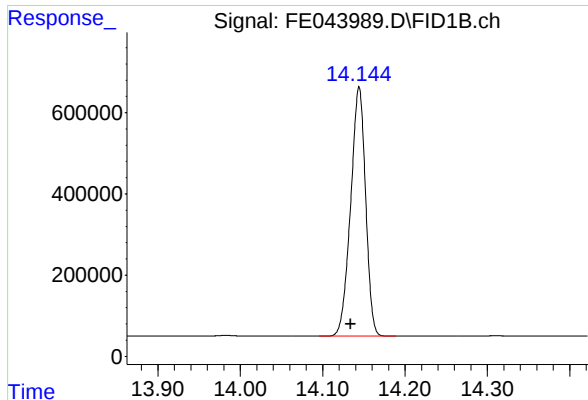
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.009 min
Response: 7830911
Conc: 44.23 ug/ml



#12 1-chlorooctadecane (SURR)

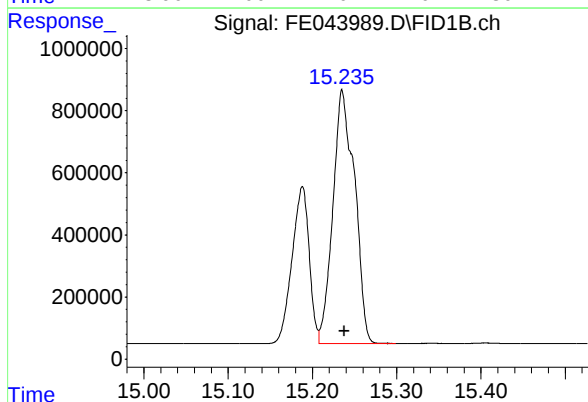
R.T.: 13.389 min
Delta R.T.: 0.010 min
Response: 6795914
Conc: 43.55 ug/ml



#13 n-Docosane (C22)

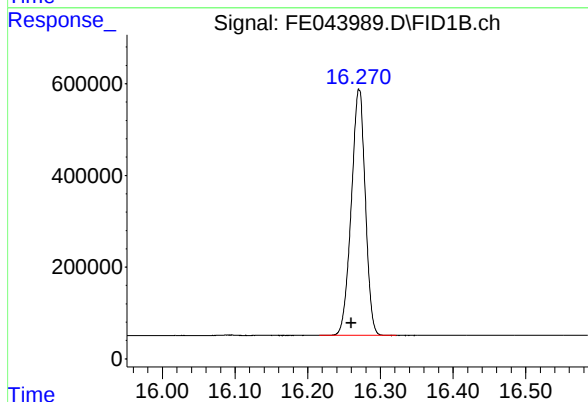
R.T.: 14.144 min
Delta R.T.: 0.010 min
Response: 7718290
Conc: 44.00 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154865BS



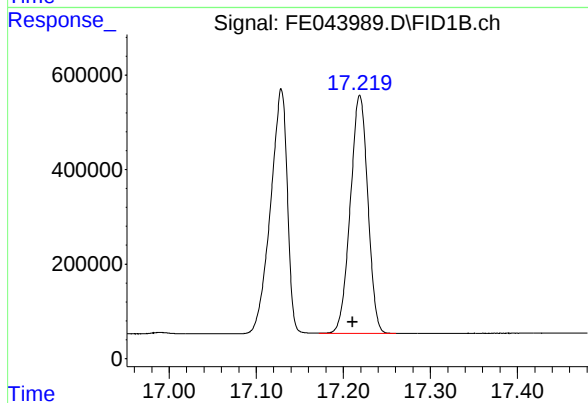
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.003 min
Response: 14601768
Conc: 83.11 ug/ml



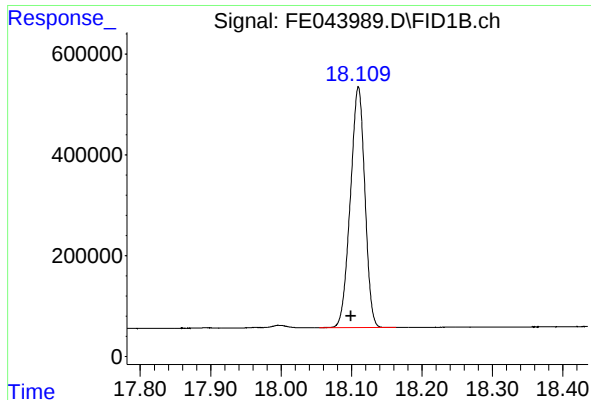
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: 0.010 min
Response: 7191991
Conc: 41.61 ug/ml



#16 n-Octacosane (C28)

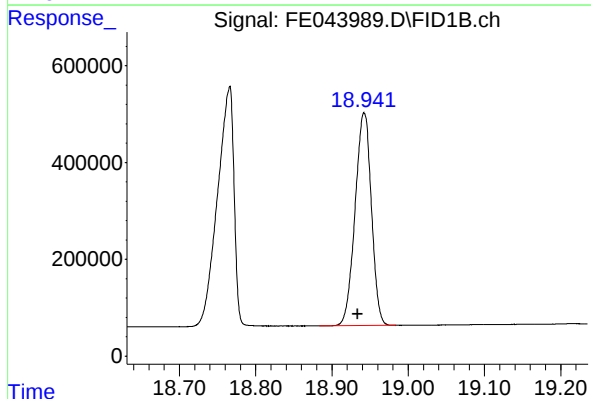
R.T.: 17.219 min
Delta R.T.: 0.008 min
Response: 7060381
Conc: 42.20 ug/ml



#17 n-Tricontane (C30)

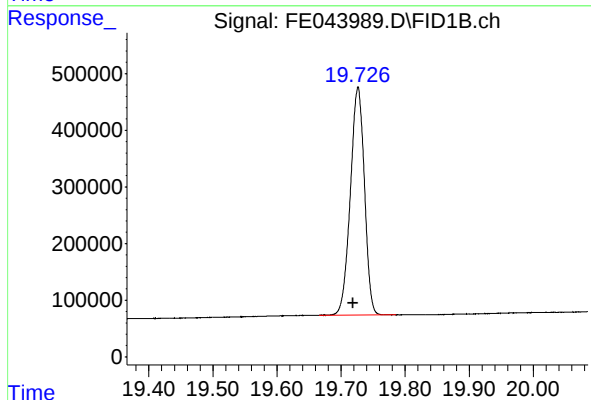
R.T.: 18.110 min
Delta R.T.: 0.010 min
Response: 6843378
Conc: 41.32 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154865BS



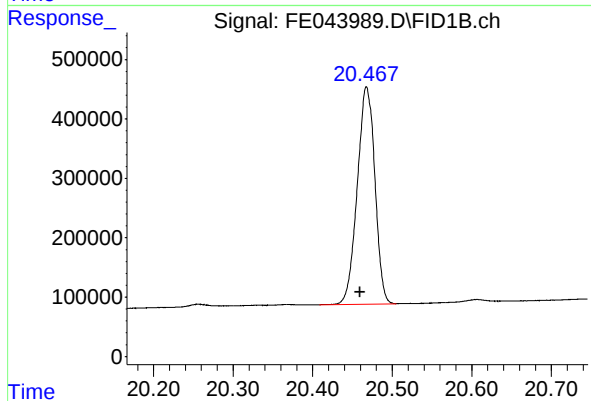
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: 0.008 min
Response: 6527018
Conc: 41.34 ug/ml



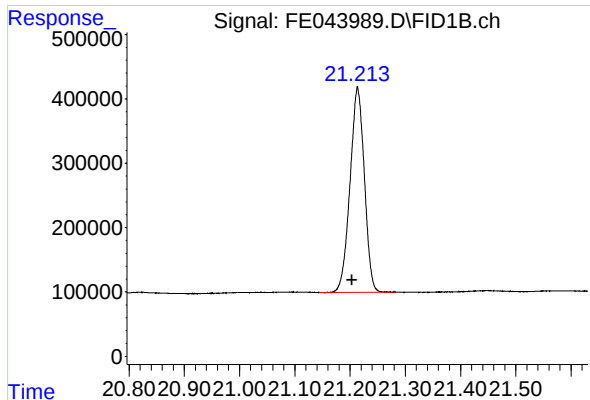
#19 n-Tetatriacontane (C34)

R.T.: 19.726 min
Delta R.T.: 0.008 min
Response: 6134911
Conc: 41.29 ug/ml



#20 n-Hexatriacontane (C36)

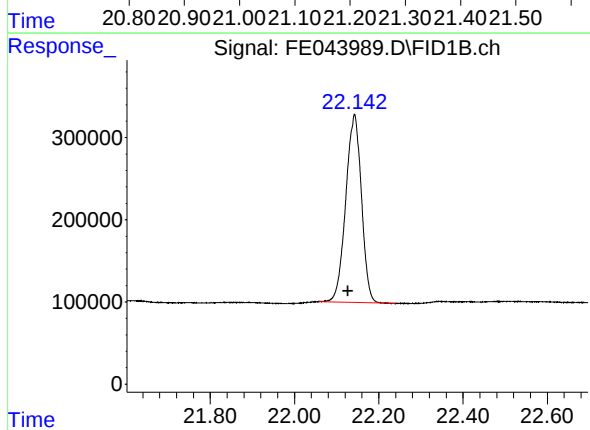
R.T.: 20.468 min
Delta R.T.: 0.008 min
Response: 5630330
Conc: 40.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.010 min
Response: 5736149
Conc: 43.00 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154865BS



#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: 0.016 min
Response: 5913363
Conc: 45.83 ug/ml