

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122322AL\
 Data File : FE039457.D
 Signal(s) : FID1B.ch
 Acq On : 23 Dec 2022 09:12
 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 23 12:23:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.935	3040214	20.372 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
12) S 1-chlorooctadecane (S...	13.371	2324555	20.196 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
Target Compounds			
1) T n-Nonane (C9)	3.326	2533427	19.600 ug/ml
2) T n-Decane (C10)	4.576	2552282	20.030 ug/ml
3) T A~Naphthalene (C11.7)	6.279	2912531	20.148 ug/ml
4) T n-Dodecane (C12)	6.739	2569195	19.790 ug/ml
5) T A~2-methylnaphthalene...	7.374	2731794	20.171 ug/ml
6) T n-Tetradecane (C14)	8.566	2620628	19.777 ug/ml
7) T n-Hexadecane (C16)	10.173	2734153	19.874 ug/ml
8) T n-Octadecane (C18)	11.616	2807338	20.044 ug/ml
10) T n-Eicosane (C20)	12.926	2747502	20.127 ug/ml
11) T n-Heneicosane (C21)	13.537	2757936	20.221 ug/ml
13) T n-Docosane (C22)	14.125	2732250	20.198 ug/ml
14) T n-Tetracosane (C24)	15.228	2706678	20.163 ug/ml
15) T n-Hexacosane (C26)	16.249	2625069	20.160 ug/ml
16) T n-Octacosane (C28)	17.199	2662077	20.684 ug/ml
17) T n-Tricontane (C30)	18.087	2820145	21.904 ug/ml
18) T n-Dotriacontane (C32)	18.921	2885592	22.282 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2709340	21.475 ug/ml
20) T n-Hexatriacontane (C36)	20.447	2432954	20.121 ug/ml
21) T n-Octatriacontane (C38)	21.184	2353849	19.060 ug/ml
22) T n-Tetracontane (C40)	22.100	2250323	17.919 ug/ml

(f)=RT Delta > 1/2 Window

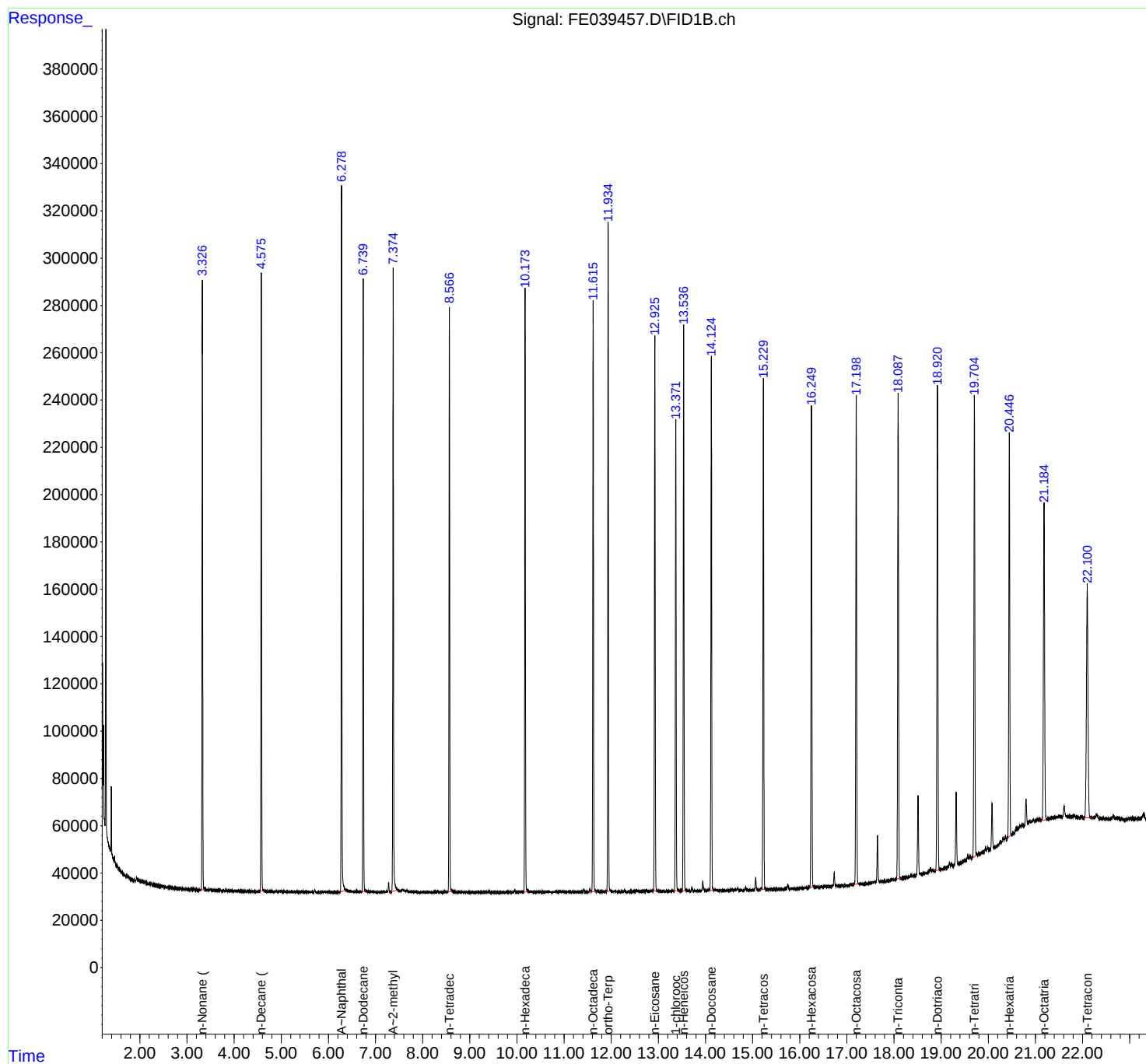
(m)=manual int.

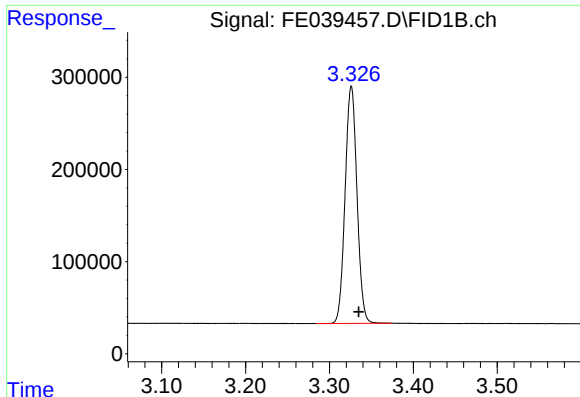
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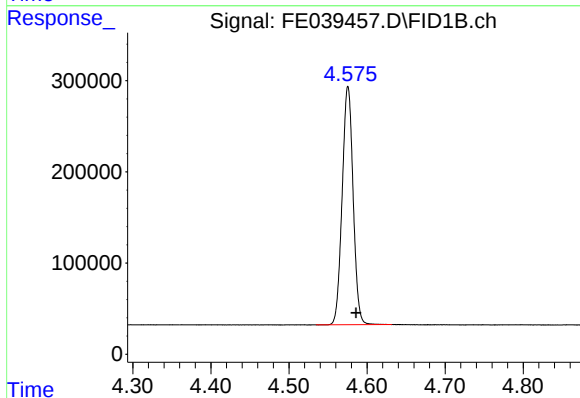




#1 n-Nonane (C9)

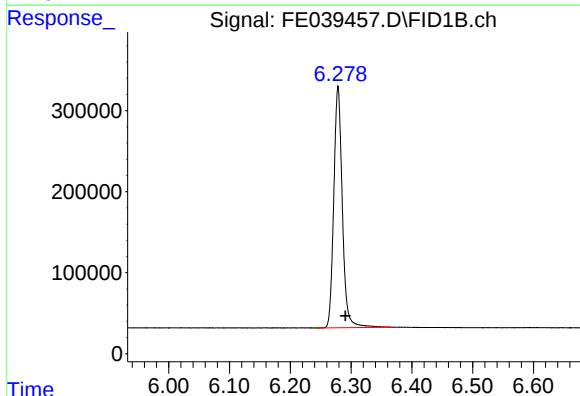
R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 2533427
Conc: 19.60 ug/ml

Instrument :
FID_E
ClientSampleId :



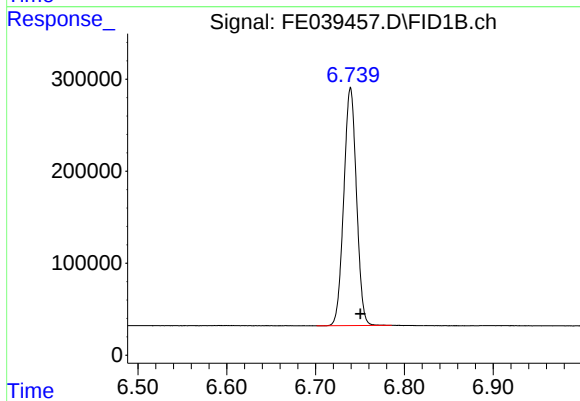
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.010 min
Response: 2552282
Conc: 20.03 ug/ml



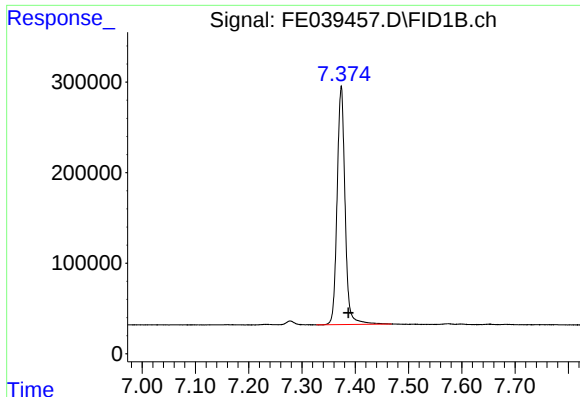
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: -0.012 min
Response: 2912531
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

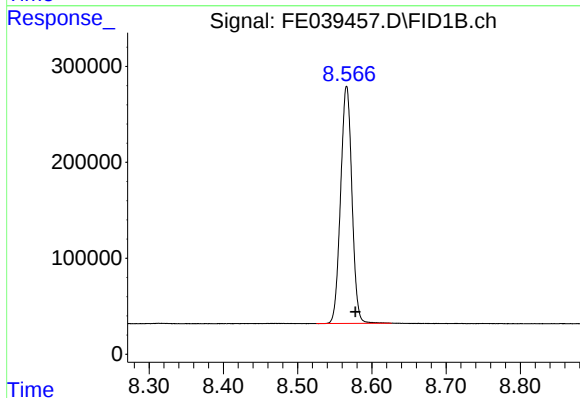
R.T.: 6.739 min
Delta R.T.: -0.011 min
Response: 2569195
Conc: 19.79 ug/ml



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

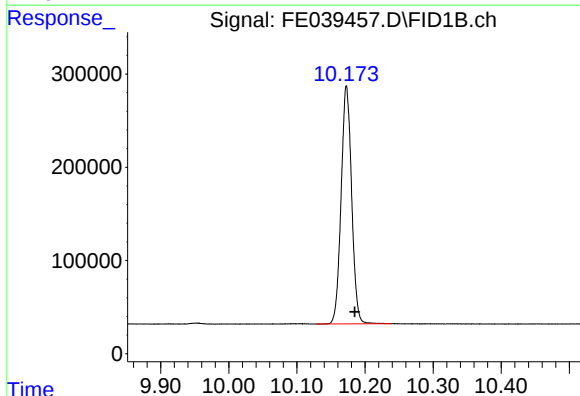
R.T.: 7.374 min
Delta R.T.: -0.013 min
Response: 2731794
Conc: 20.17 ug/ml

Instrument :
FID_E
ClientSampleId :



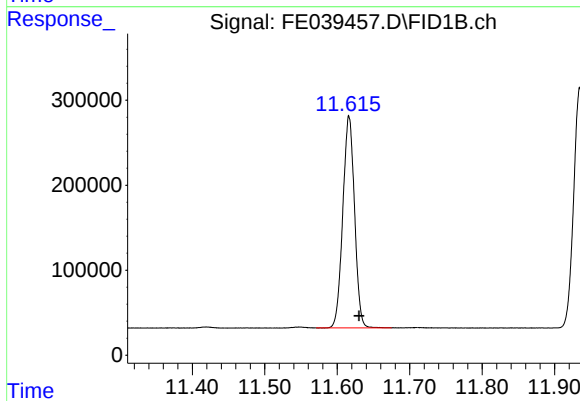
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: -0.012 min
Response: 2620628
Conc: 19.78 ug/ml



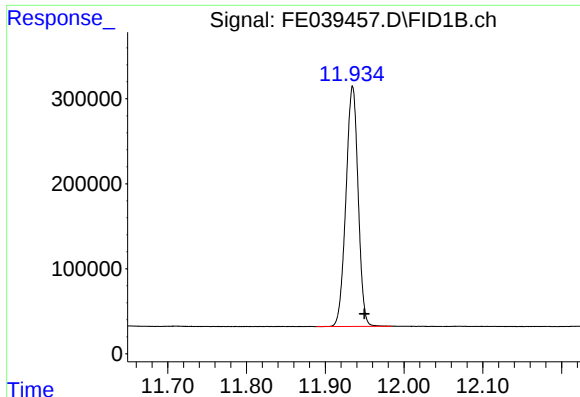
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.012 min
Response: 2734153
Conc: 19.87 ug/ml



#8 n-Octadecane (C18)

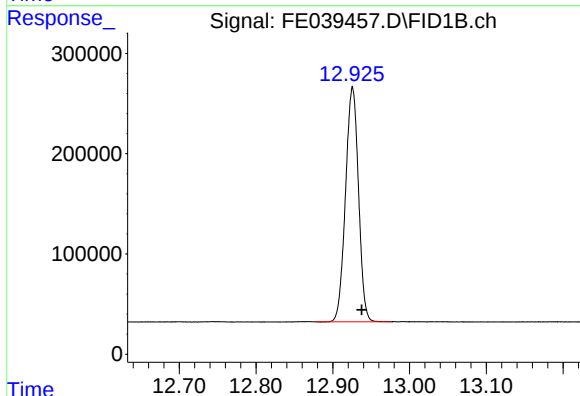
R.T.: 11.616 min
Delta R.T.: -0.014 min
Response: 2807338
Conc: 20.04 ug/ml



#9 ortho-Terphenyl (SURR)

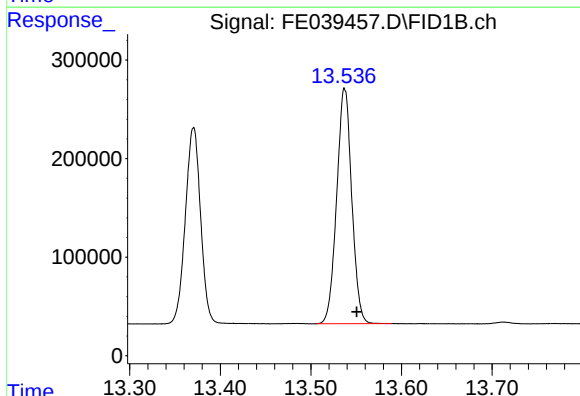
R.T.: 11.935 min
Delta R.T.: -0.015 min
Response: 3040214
Conc: 20.37 ug/ml

Instrument :
FID_E
ClientSampleId :



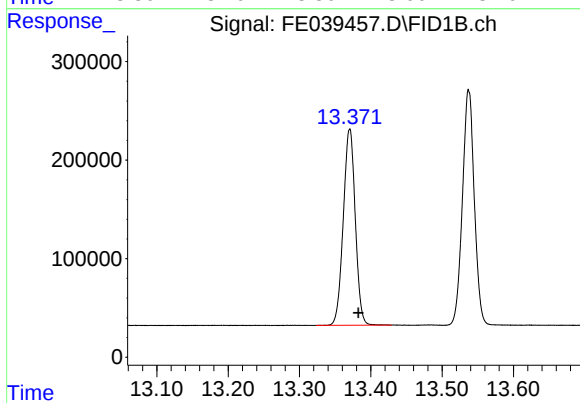
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: -0.012 min
Response: 2747502
Conc: 20.13 ug/ml



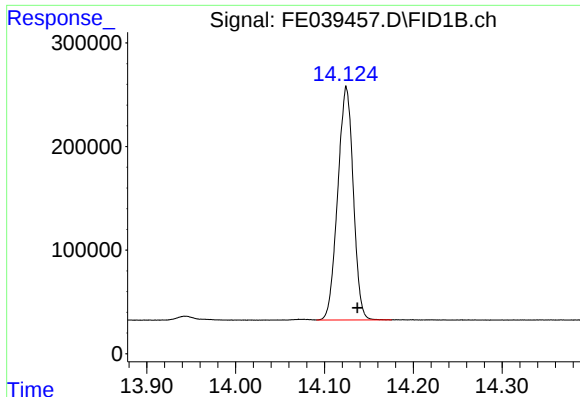
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: -0.013 min
Response: 2757936
Conc: 20.22 ug/ml



#12 1-chlorooctadecane (SURR)

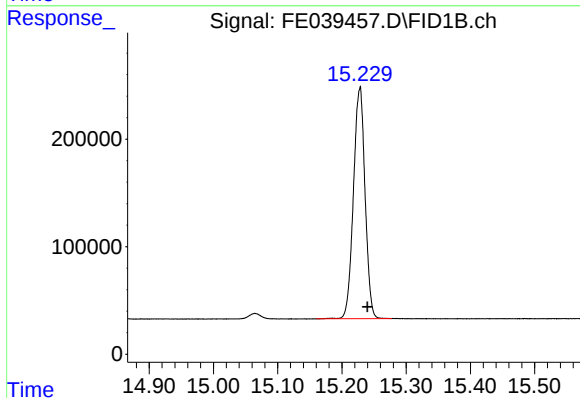
R.T.: 13.371 min
Delta R.T.: -0.012 min
Response: 2324555
Conc: 20.20 ug/ml



#13 n-Docosane (C22)

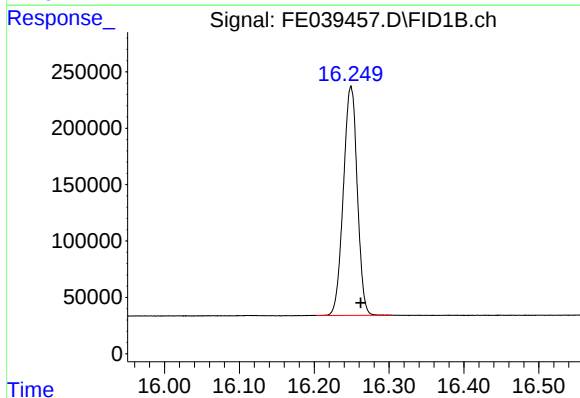
R.T.: 14.125 min
Delta R.T.: -0.012 min
Response: 2732250
Conc: 20.20 ug/ml

Instrument :
FID_E
ClientSampleId :



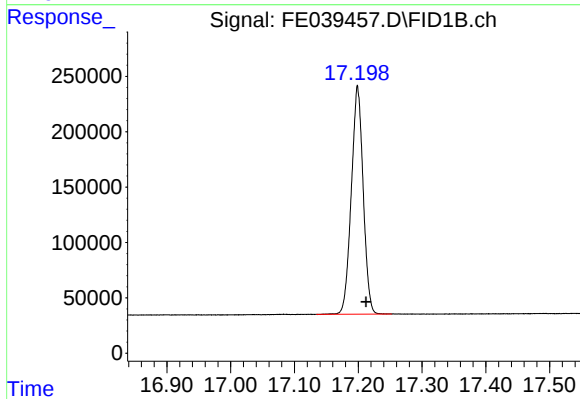
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.011 min
Response: 2706678
Conc: 20.16 ug/ml



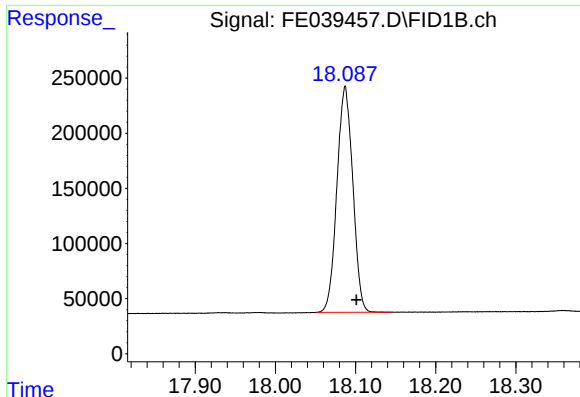
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.013 min
Response: 2625069
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

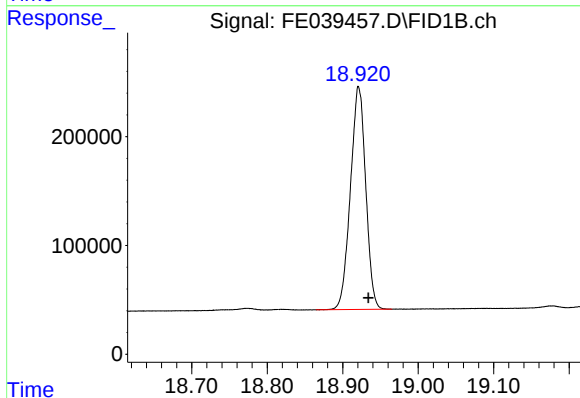
R.T.: 17.199 min
Delta R.T.: -0.013 min
Response: 2662077
Conc: 20.68 ug/ml



#17 n-Tricontane (C30)

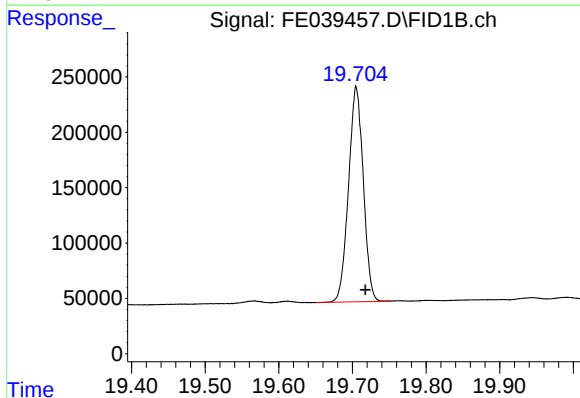
R.T.: 18.087 min
Delta R.T.: -0.014 min
Response: 2820145
Conc: 21.90 ug/ml

Instrument :
FID_E
ClientSampleId :



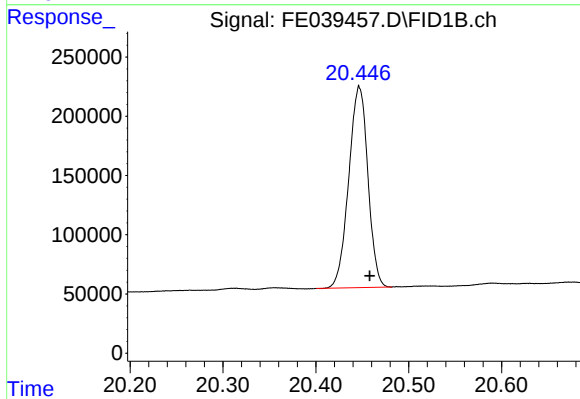
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.013 min
Response: 2885592
Conc: 22.28 ug/ml



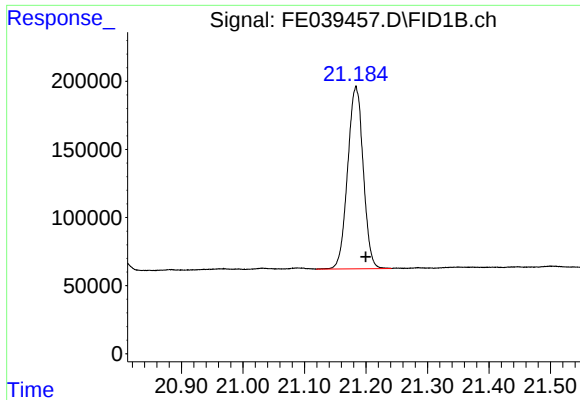
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.013 min
Response: 2709340
Conc: 21.48 ug/ml



#20 n-Hexatriacontane (C36)

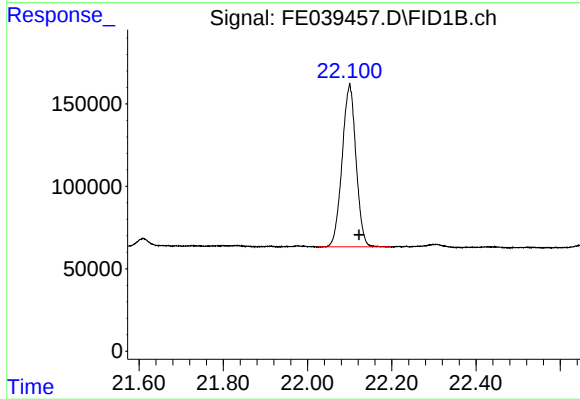
R.T.: 20.447 min
Delta R.T.: -0.011 min
Response: 2432954
Conc: 20.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.016 min
Response: 2353849
Conc: 19.06 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.022 min
Response: 2250323
Conc: 17.92 ug/ml