

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070122AL\
 Data File : FE036354.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2022 22:52
 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: Jul 02 03:36:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.869	3667259	18.355 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
12) S 1-chlorooctadecane (S...	13.306	2844104	18.371 ug/ml
Spiked Amount 50.000		Recovery =	36.74%
Target Compounds			
1) T n-Nonane (C9)	3.261	3366152	18.715 ug/ml
2) T n-Decane (C10)	4.516	3472336	19.317 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3828477	19.082 ug/ml
4) T n-Dodecane (C12)	6.683	3533704	19.078 ug/ml
5) T A~2-methylnaphthalene...	7.312	3848237	18.904 ug/ml
6) T n-Tetradecane (C14)	8.509	3551002	18.994 ug/ml
7) T n-Hexadecane (C16)	10.115	3515716	18.773 ug/ml
8) T n-Octadecane (C18)	11.555	3475768	18.683 ug/ml
10) T n-Eicosane (C20)	12.863	3359923	18.546 ug/ml
11) T n-Heneicosane (C21)	13.473	3308535	18.419 ug/ml
13) T n-Docosane (C22)	14.059	3326664	18.816 ug/ml
14) T n-Tetracosane (C24)	15.162	3382649	19.750 ug/ml
15) T n-Hexacosane (C26)	16.183	3411902	20.651 ug/ml
16) T n-Octacosane (C28)	17.132	3500961	21.871 ug/ml
17) T n-Tricontane (C30)	18.019	3621615	23.392 ug/ml
18) T n-Dotriacontane (C32)	18.850	3585095	24.533 ug/ml
19) T n-Tetratriacontane (C34)	19.634	3205704	23.166 ug/ml
20) T n-Hexatriacontane (C36)	20.376	3003983	22.376 ug/ml
21) T n-Octatriacontane (C38)	21.101	2951186	22.191 ug/ml
22) T n-Tetracontane (C40)	21.994	3102851	22.191 ug/ml

(f)=RT Delta > 1/2 Window

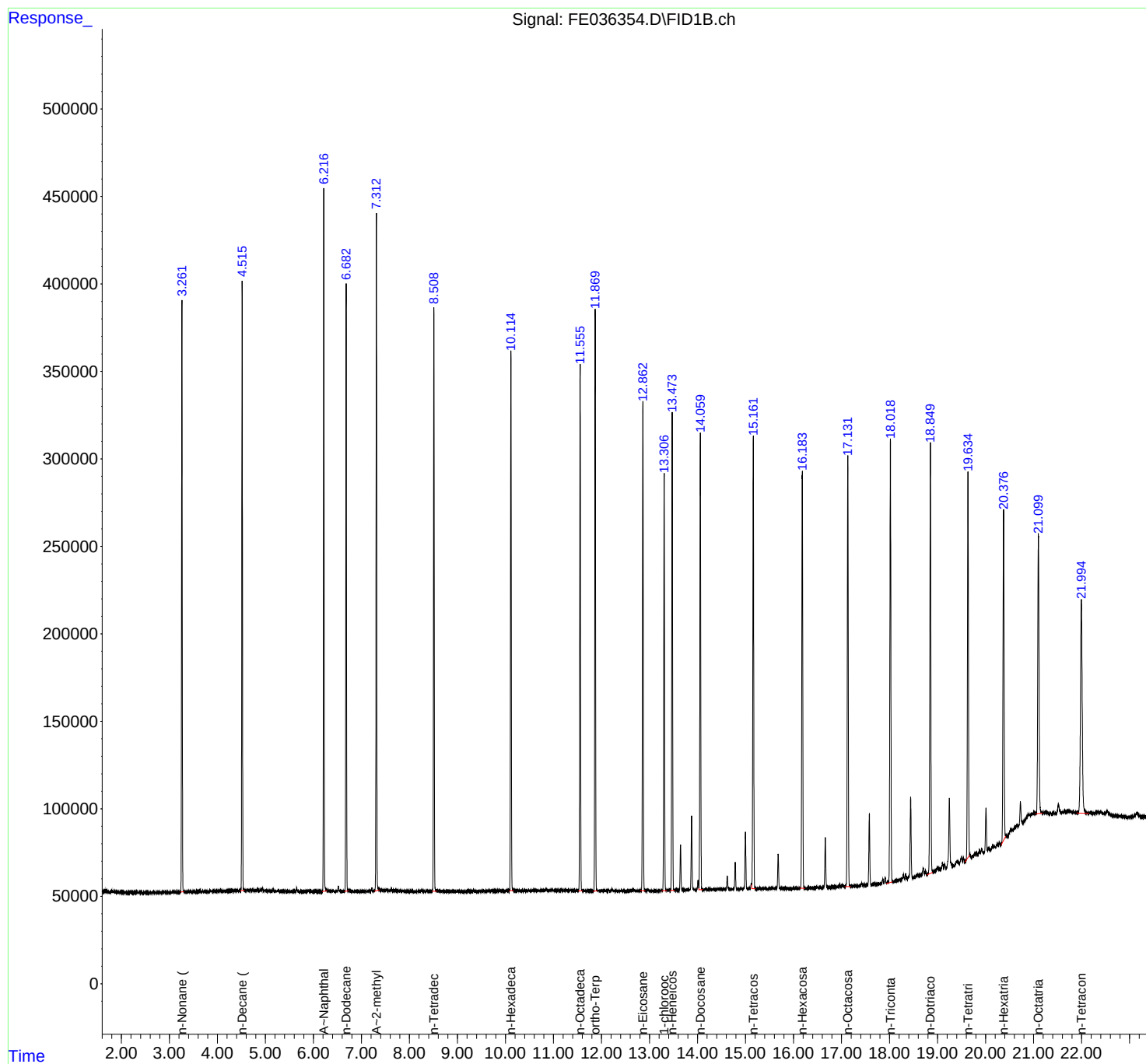
(m)=manual int.

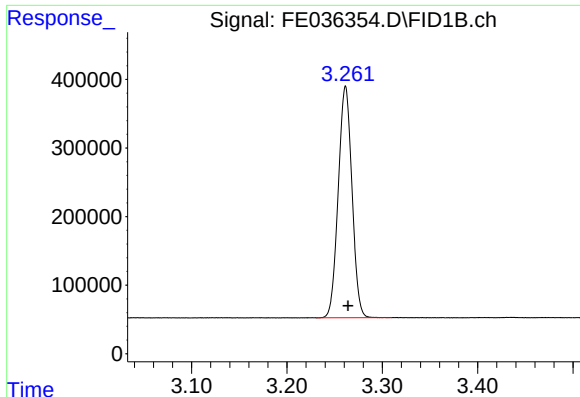
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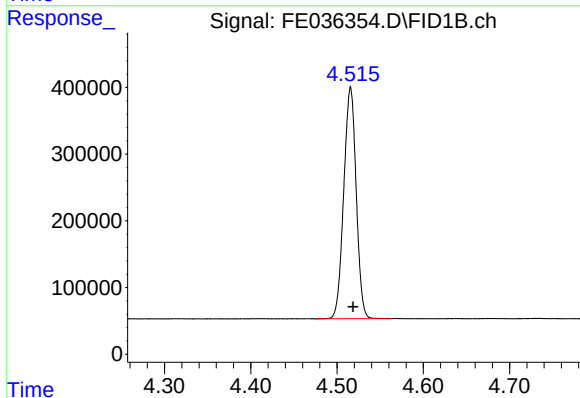




#1 n-Nonane (C9)

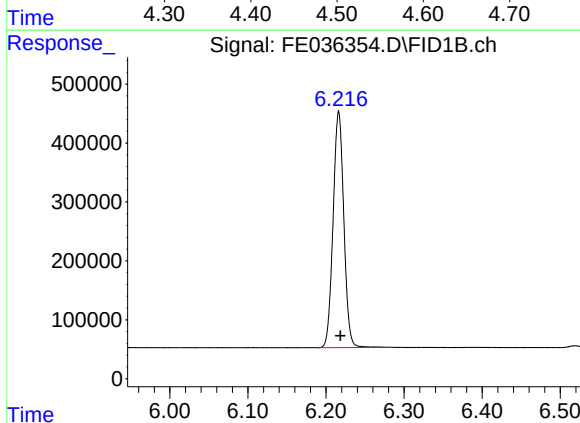
R.T.: 3.261 min
Delta R.T.: -0.003 min
Response: 3366152
Conc: 18.72 ug/ml

Instrument :
FID_E
ClientSampleId :



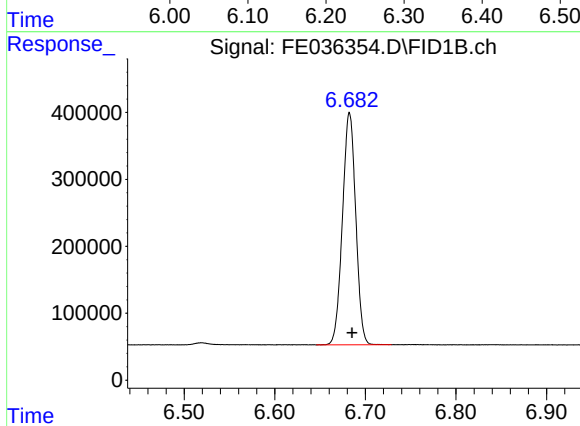
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.003 min
Response: 3472336
Conc: 19.32 ug/ml



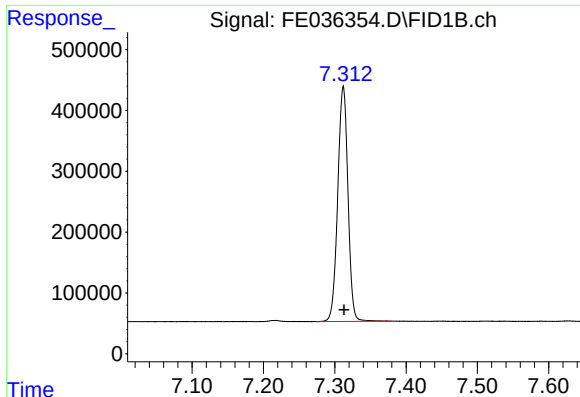
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.002 min
Response: 3828477
Conc: 19.08 ug/ml



#4 n-Dodecane (C12)

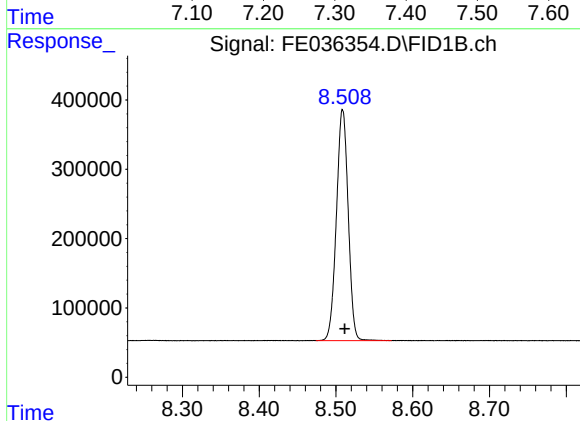
R.T.: 6.683 min
Delta R.T.: -0.003 min
Response: 3533704
Conc: 19.08 ug/ml



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

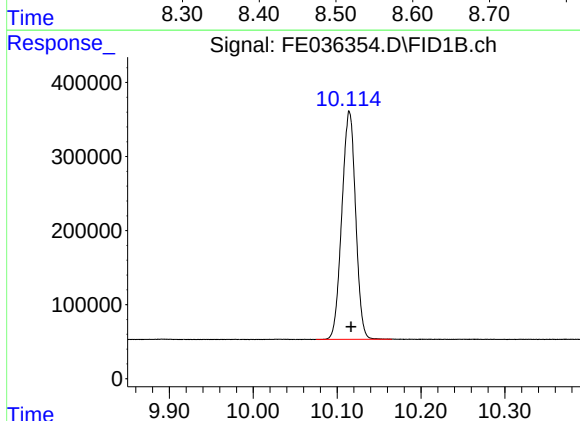
R.T.: 7.312 min
Delta R.T.: -0.001 min
Response: 3848237
Conc: 18.90 ug/ml

Instrument :
FID_E
ClientSampleId :



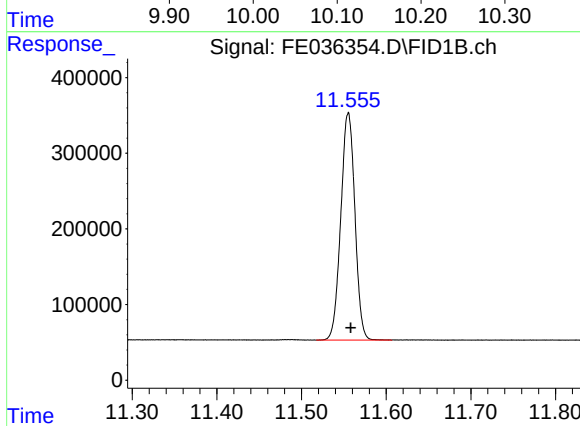
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 3551002
Conc: 18.99 ug/ml



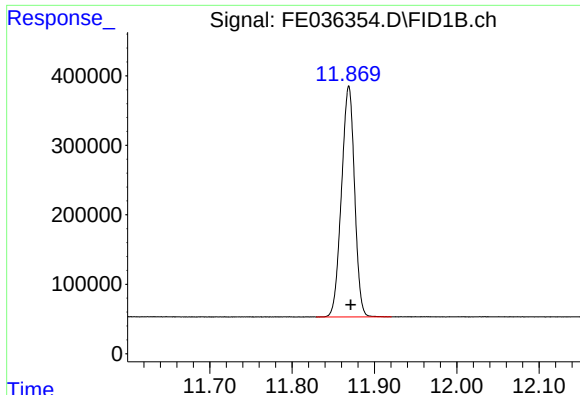
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.002 min
Response: 3515716
Conc: 18.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.555 min
Delta R.T.: -0.003 min
Response: 3475768
Conc: 18.68 ug/ml



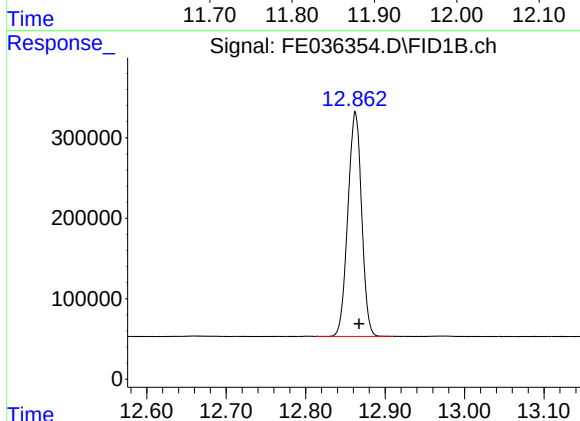
#9 ortho-Terphenyl (SURR)

R.T.: 11.869 min
Delta R.T.: -0.002 min
Response: 3667259
Conc: 18.36 ug/ml

Instrument :

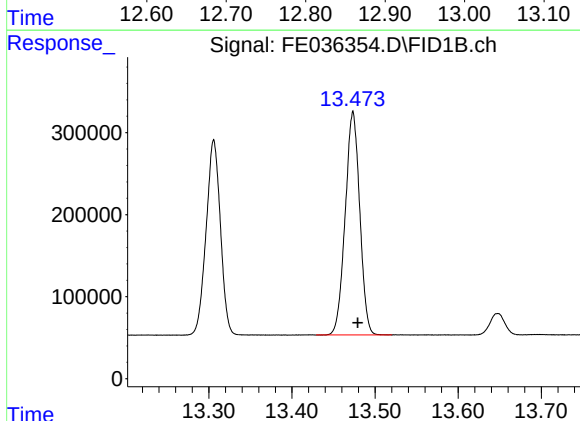
FID_E

ClientSampleId :



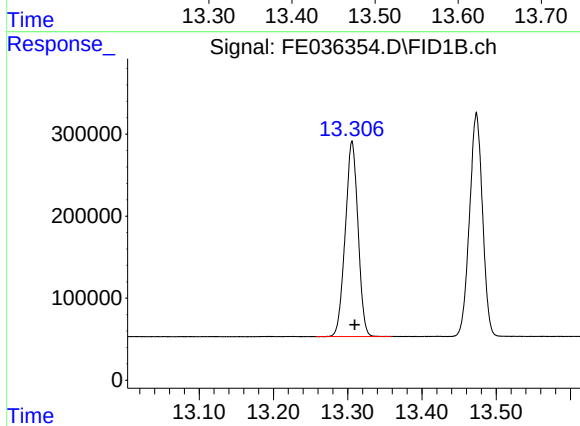
#10 n-Eicosane (C20)

R.T.: 12.863 min
Delta R.T.: -0.005 min
Response: 3359923
Conc: 18.55 ug/ml



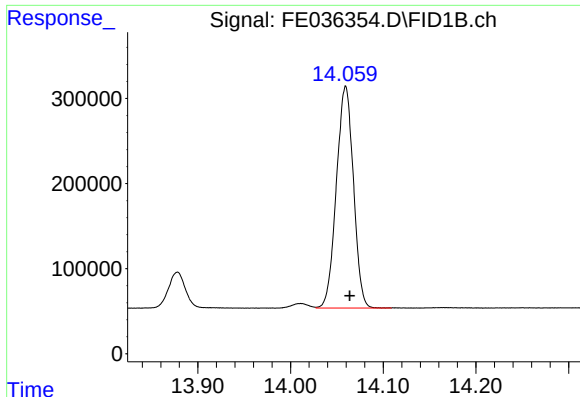
#11 n-Heneicosane (C21)

R.T.: 13.473 min
Delta R.T.: -0.006 min
Response: 3308535
Conc: 18.42 ug/ml



#12 1-chlorooctadecane (SURR)

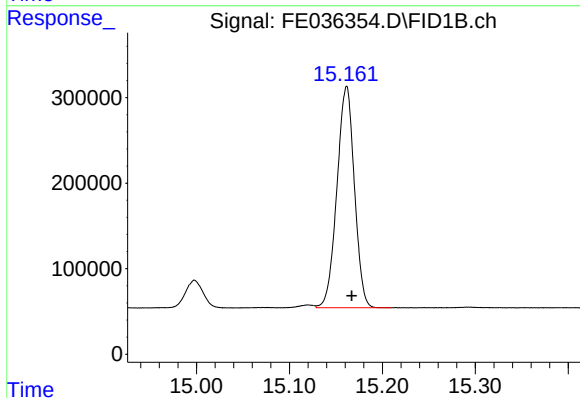
R.T.: 13.306 min
Delta R.T.: -0.004 min
Response: 2844104
Conc: 18.37 ug/ml



#13 n-Docosane (C22)

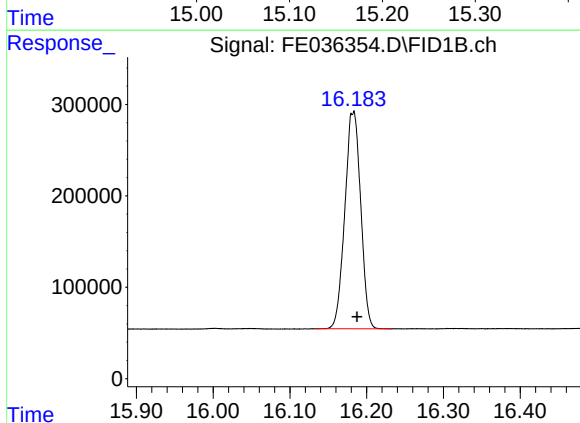
R.T.: 14.059 min
Delta R.T.: -0.004 min
Response: 3326664
Conc: 18.82 ug/ml

Instrument :
FID_E
ClientSampleId :



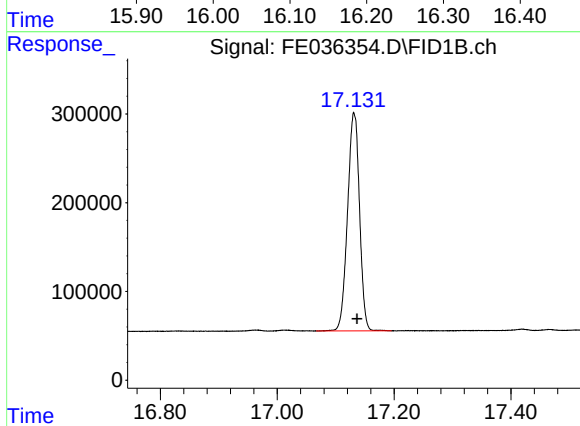
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.006 min
Response: 3382649
Conc: 19.75 ug/ml



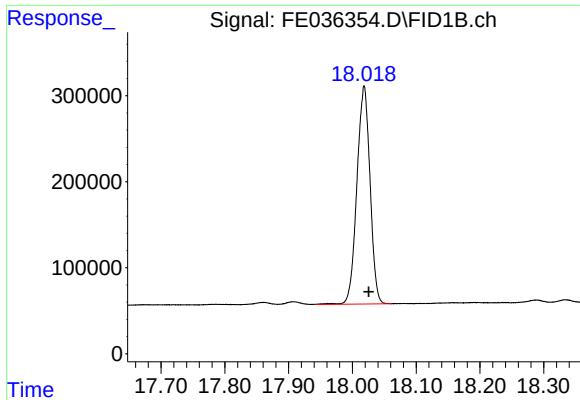
#15 n-Hexacosane (C26)

R.T.: 16.183 min
Delta R.T.: -0.005 min
Response: 3411902
Conc: 20.65 ug/ml



#16 n-Octacosane (C28)

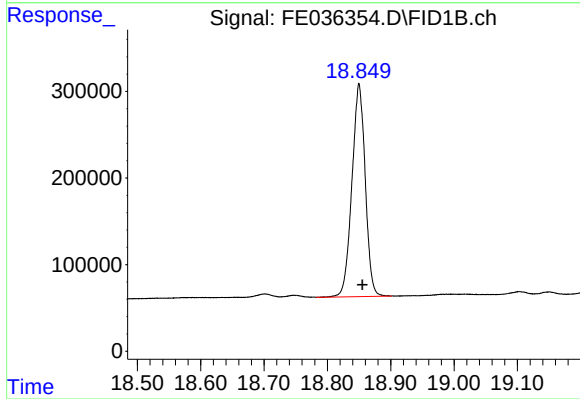
R.T.: 17.132 min
Delta R.T.: -0.005 min
Response: 3500961
Conc: 21.87 ug/ml



#17 n-Tricontane (C30)

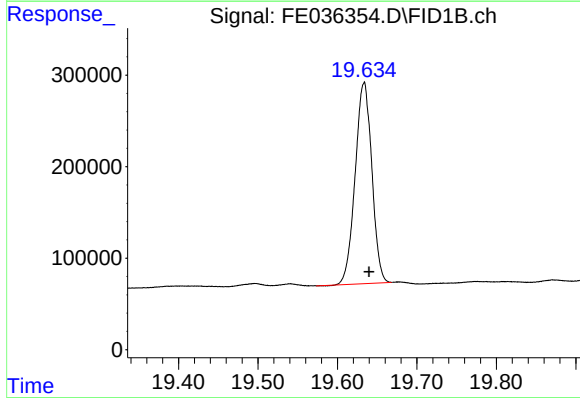
R.T.: 18.019 min
Delta R.T.: -0.007 min
Response: 3621615
Conc: 23.39 ug/ml

Instrument :
FID_E
ClientSampleId :



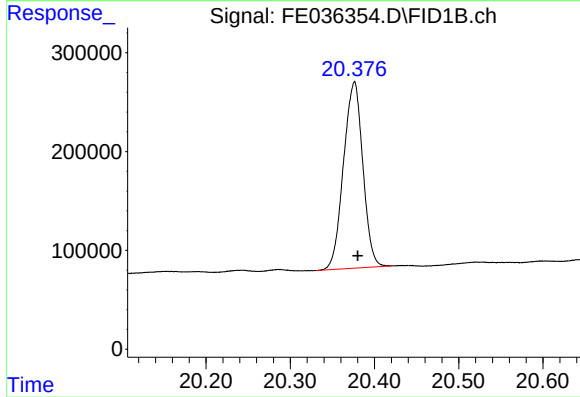
#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.006 min
Response: 3585095
Conc: 24.53 ug/ml



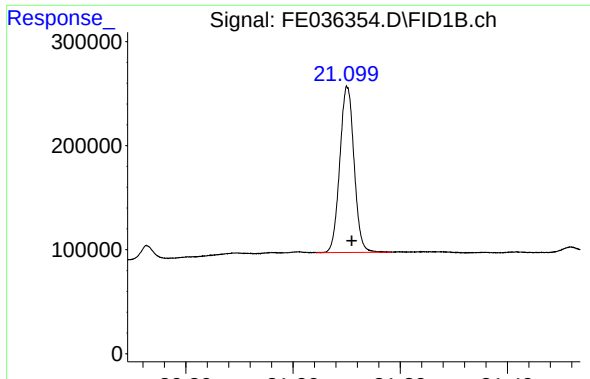
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.006 min
Response: 3205704
Conc: 23.17 ug/ml



#20 n-Hexatriacontane (C36)

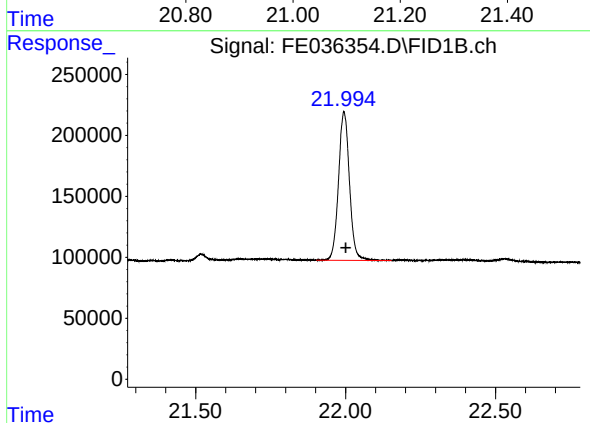
R.T.: 20.376 min
Delta R.T.: -0.004 min
Response: 3003983
Conc: 22.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.009 min
Response: 2951186
Conc: 22.19 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: -0.007 min
Response: 3102851
Conc: 22.19 ug/ml