

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072222AL\
 Data File : FE036673.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2022 02:39
 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 23 03:21:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.853	3448065	18.513 ug/ml
Spiked Amount 50.000		Recovery =	37.03%
12) S 1-chlorooctadecane (S...	13.293	2743221	18.030 ug/ml
Spiked Amount 50.000		Recovery =	36.06%
Target Compounds			
1) T n-Nonane (C9)	3.239	3166020	20.538 ug/ml
2) T n-Decane (C10)	4.494	3206726	20.803 ug/ml
3) T A~Naphthalene (C11.7)	6.197	3542775	20.732 ug/ml
4) T n-Dodecane (C12)	6.664	3259362	20.753 ug/ml
5) T A~2-methylnaphthalene...	7.293	3541978	20.609 ug/ml
6) T n-Tetradecane (C14)	8.491	3322771	20.353 ug/ml
7) T n-Hexadecane (C16)	10.097	3273665	19.861 ug/ml
8) T n-Octadecane (C18)	11.540	3263850	19.205 ug/ml
10) T n-Eicosane (C20)	12.849	3149734	18.517 ug/ml
11) T n-Heneicosane (C21)	13.460	3099652	18.110 ug/ml
13) T n-Docosane (C22)	14.047	3091133	18.105 ug/ml
14) T n-Tetracosane (C24)	15.150	3061122	17.958 ug/ml
15) T n-Hexacosane (C26)	16.171	3001290	17.952 ug/ml
16) T n-Octacosane (C28)	17.121	3031408	18.560 ug/ml
17) T n-Tricontane (C30)	18.009	2958876	19.471 ug/ml
18) T n-Dotriacontane (C32)	18.843	2515313	20.914 ug/ml
19) T n-Tetratriacontane (C34)	19.624	1659515	19.928 ug/ml
20) T n-Hexatriacontane (C36)	20.366	1861308	31.700 ug/ml
21) T n-Octatriacontane (C38)	21.091	1071877	21.379 ug/ml
22) T n-Tetracontane (C40)	21.982	1408287	27.270 ug/ml

(f)=RT Delta > 1/2 Window

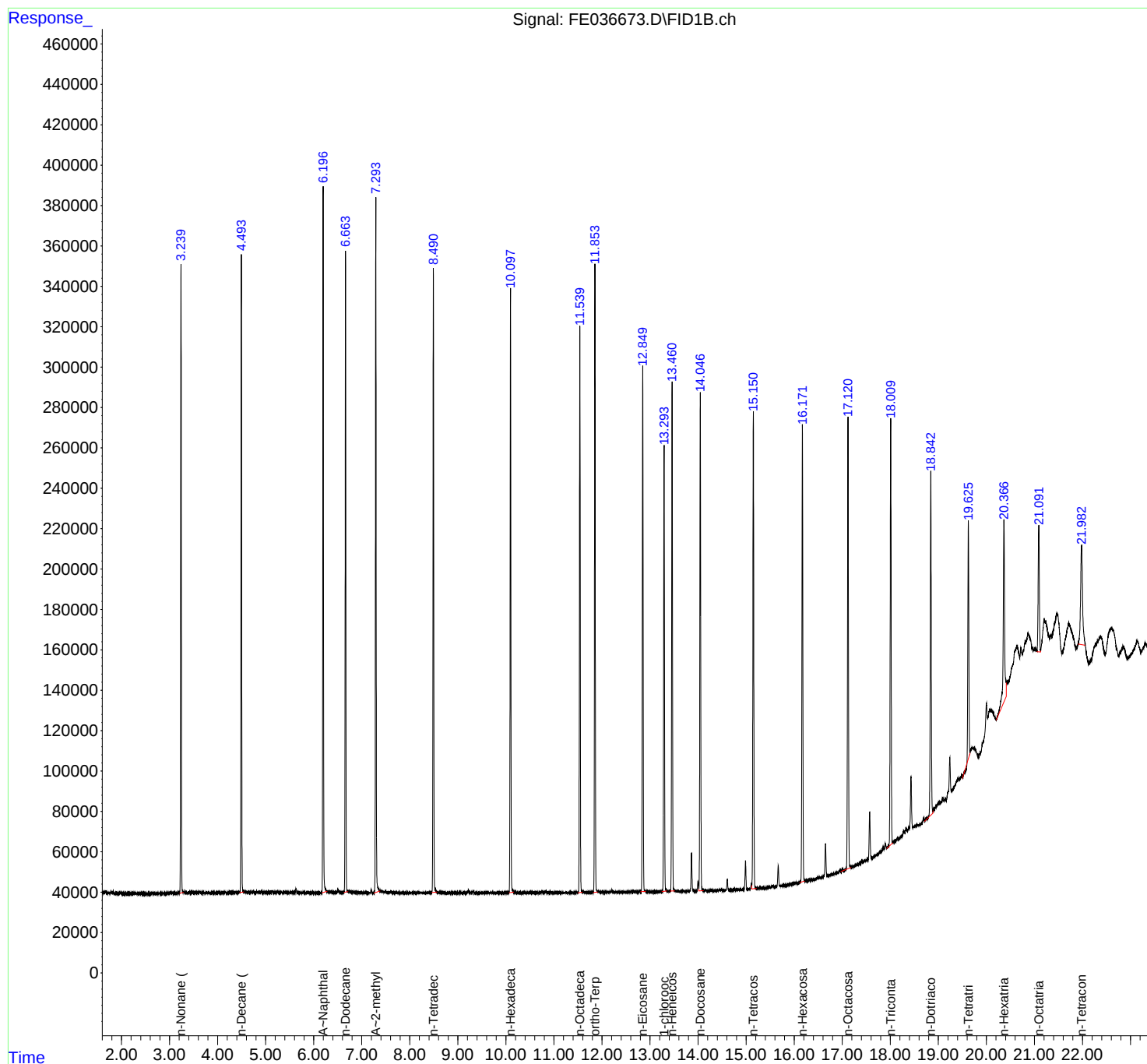
(m)=manual int.

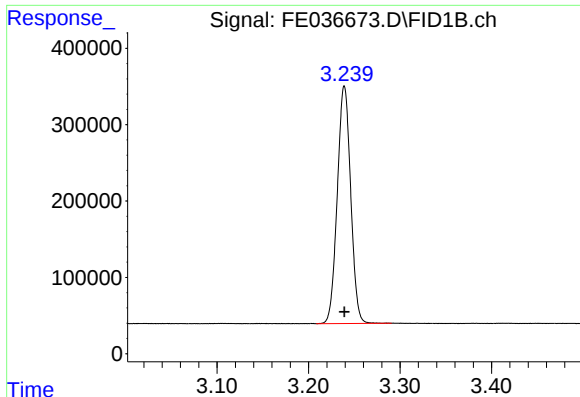
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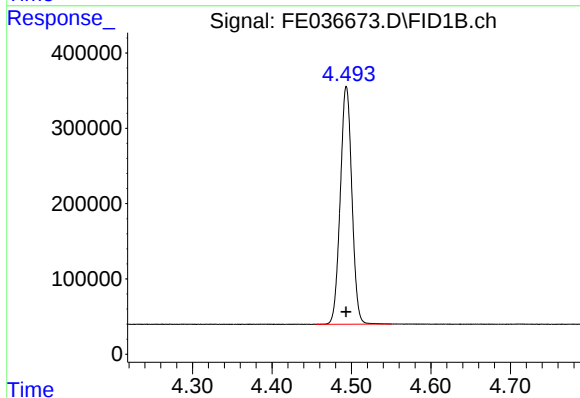




#1 n-Nonane (C9)

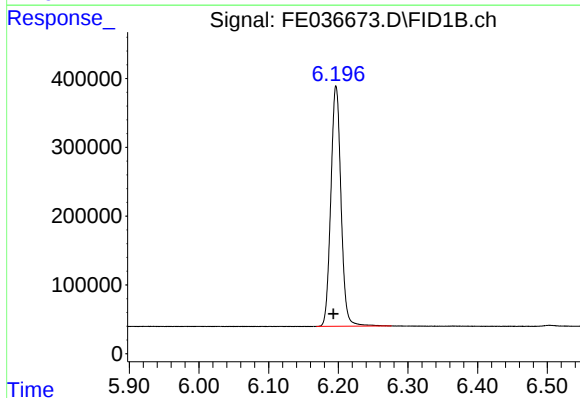
R.T.: 3.239 min
Delta R.T.: 0.000 min
Response: 3166020
Conc: 20.54 ug/ml

Instrument :
FID_E
ClientSampleId :



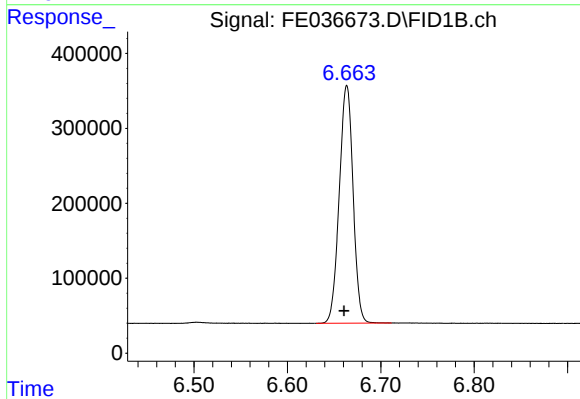
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 3206726
Conc: 20.80 ug/ml



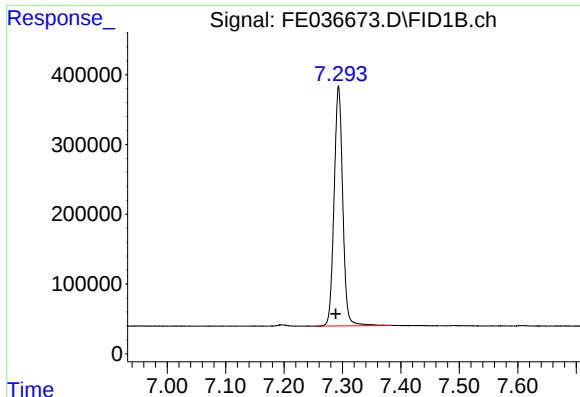
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: 0.004 min
Response: 3542775
Conc: 20.73 ug/ml



#4 n-Dodecane (C12)

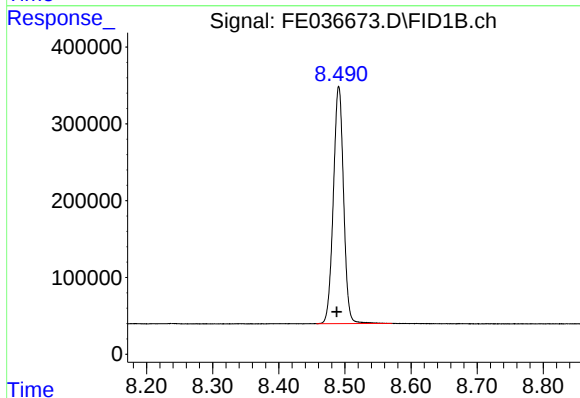
R.T.: 6.664 min
Delta R.T.: 0.003 min
Response: 3259362
Conc: 20.75 ug/ml



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

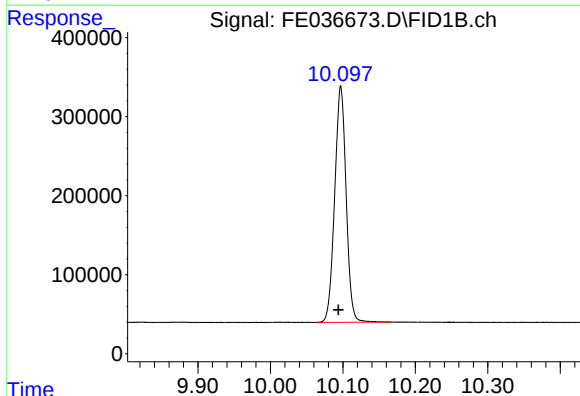
R.T.: 7.293 min
Delta R.T.: 0.005 min
Response: 3541978
Conc: 20.61 ug/ml

Instrument :
FID_E
ClientSampleId :



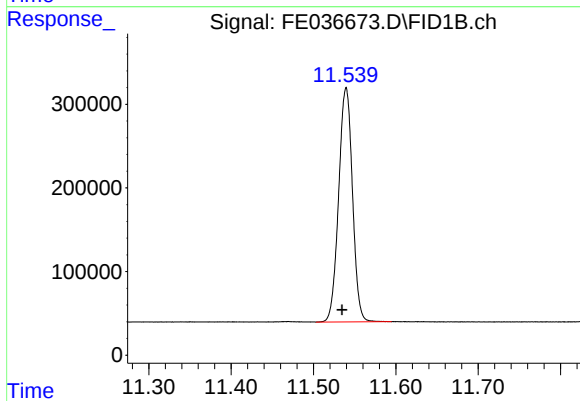
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: 0.003 min
Response: 3322771
Conc: 20.35 ug/ml



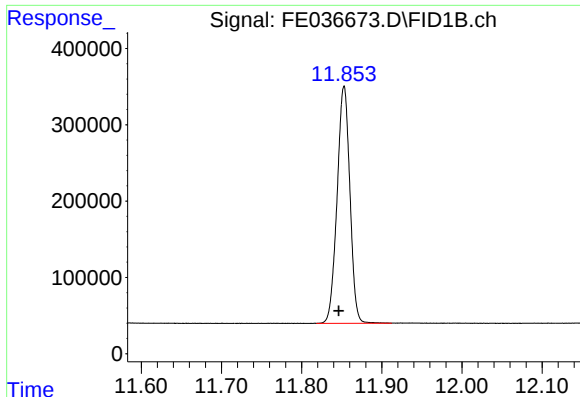
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: 0.003 min
Response: 3273665
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

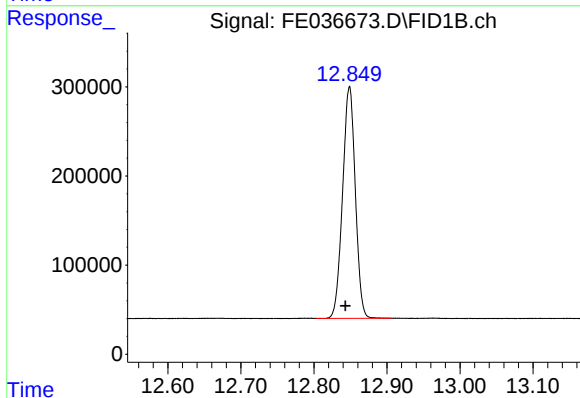
R.T.: 11.540 min
Delta R.T.: 0.005 min
Response: 3263850
Conc: 19.20 ug/ml



#9 ortho-Terphenyl (SURR)

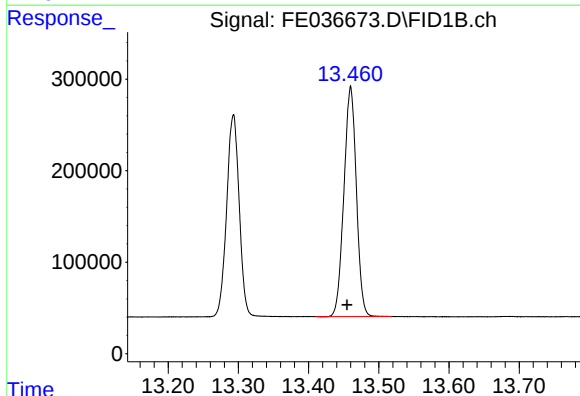
R.T.: 11.853 min
Delta R.T.: 0.006 min
Response: 3448065
Conc: 18.51 ug/ml

Instrument :
FID_E
ClientSampleId :



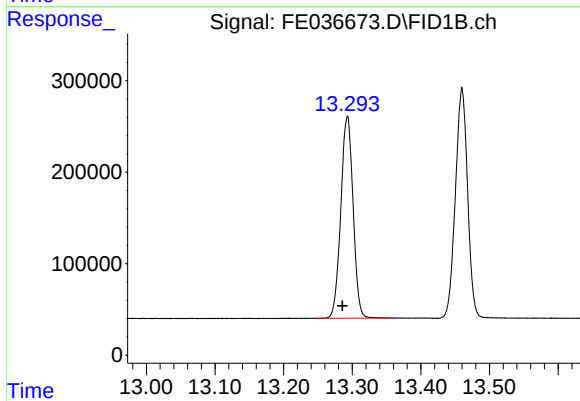
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: 0.006 min
Response: 3149734
Conc: 18.52 ug/ml



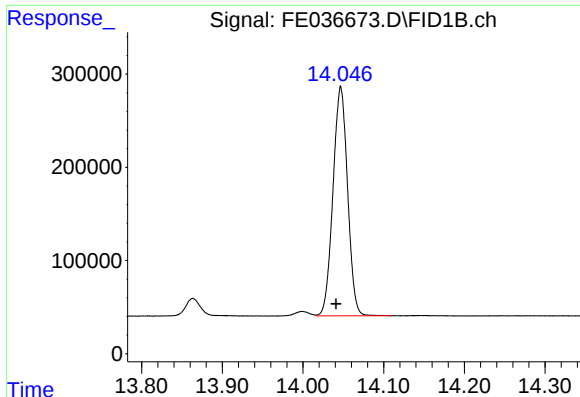
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: 0.005 min
Response: 3099652
Conc: 18.11 ug/ml



#12 1-chlorooctadecane (SURR)

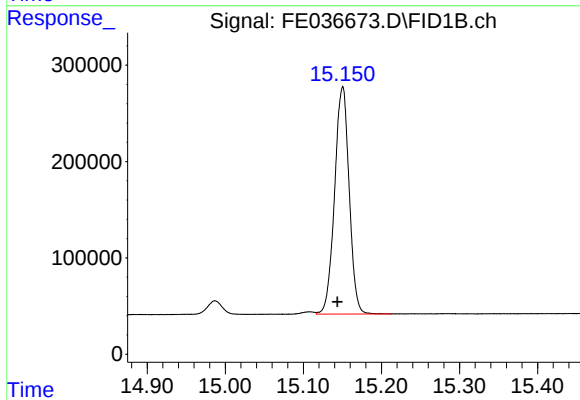
R.T.: 13.293 min
Delta R.T.: 0.007 min
Response: 2743221
Conc: 18.03 ug/ml



#13 n-Docosane (C22)

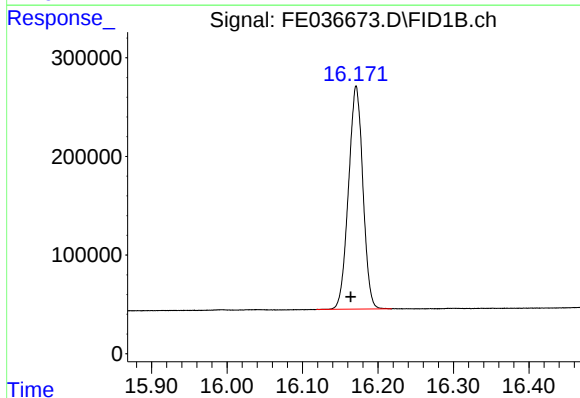
R.T.: 14.047 min
Delta R.T.: 0.006 min
Response: 3091133
Conc: 18.10 ug/ml

Instrument :
FID_E
ClientSampleId :



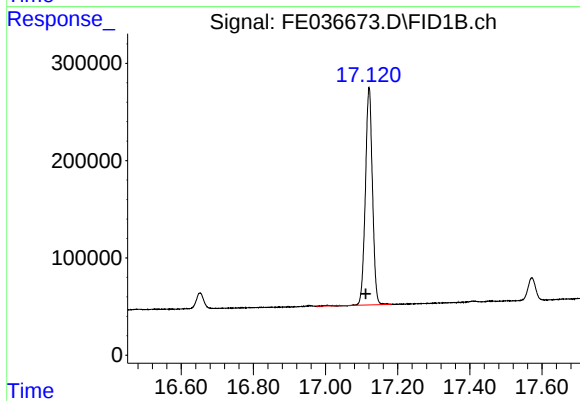
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: 0.007 min
Response: 3061122
Conc: 17.96 ug/ml



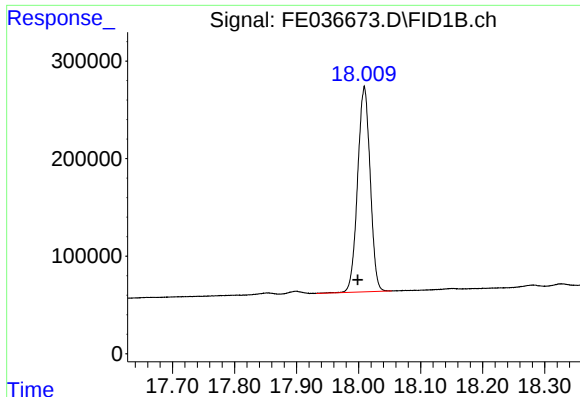
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: 0.007 min
Response: 3001290
Conc: 17.95 ug/ml



#16 n-Octacosane (C28)

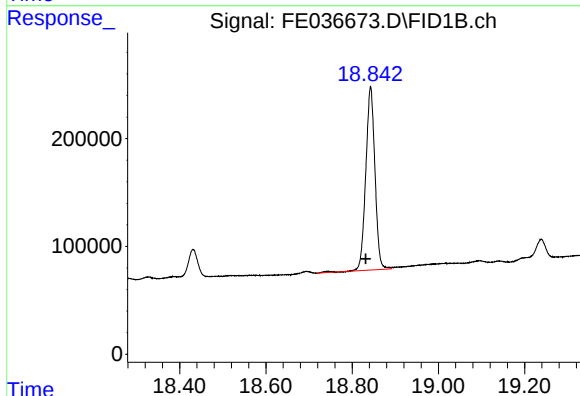
R.T.: 17.121 min
Delta R.T.: 0.009 min
Response: 3031408
Conc: 18.56 ug/ml



#17 n-Tricontane (C30)

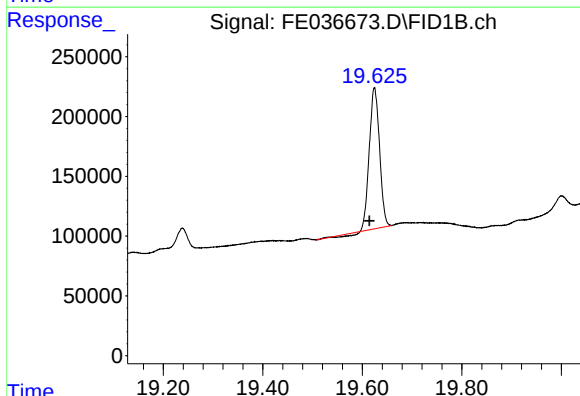
R.T.: 18.009 min
Delta R.T.: 0.011 min
Response: 2958876
Conc: 19.47 ug/ml

Instrument :
FID_E
ClientSampleId :



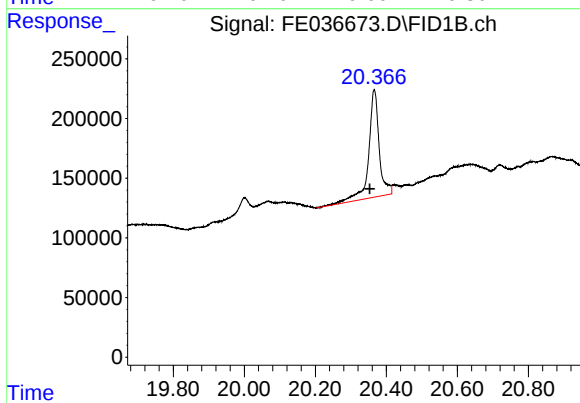
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: 0.011 min
Response: 2515313
Conc: 20.91 ug/ml



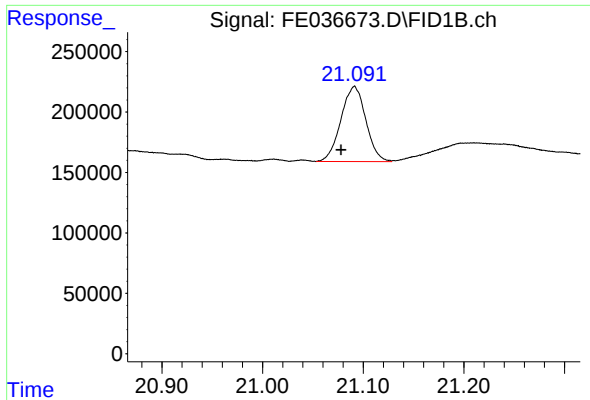
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: 0.010 min
Response: 1659515
Conc: 19.93 ug/ml



#20 n-Hexatriacontane (C36)

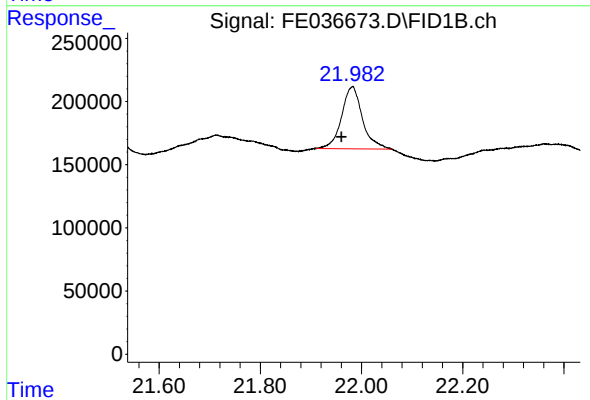
R.T.: 20.366 min
Delta R.T.: 0.012 min
Response: 1861308
Conc: 31.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.091 min
Delta R.T.: 0.013 min
Response: 1071877
Conc: 21.38 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: 0.022 min
Response: 1408287
Conc: 27.27 ug/ml