

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072022AL\
 Data File : FE036613.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jul 2022 23:09
 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 21 01:16:09 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)	11.856	3907469	20.980 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
12) S 1-chlorooctadecane (S...	13.296	3138490	20.628 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
Target Compounds			
1) T n-Nonane (C9)	3.240	3508768	22.761 ug/ml
2) T n-Decane (C10)	4.496	3542556	22.982 ug/ml
3) T A~Naphthalene (C11.7)	6.199	3939788	23.055 ug/ml
4) T n-Dodecane (C12)	6.666	3613386	23.007 ug/ml
5) T A~2-methylnaphthalene...	7.295	3946122	22.960 ug/ml
6) T n-Tetradecane (C14)	8.493	3691816	22.613 ug/ml
7) T n-Hexadecane (C16)	10.099	3670137	22.267 ug/ml
8) T n-Octadecane (C18)	11.543	3666408	21.573 ug/ml
10) T n-Eicosane (C20)	12.852	3554939	20.899 ug/ml
11) T n-Heneicosane (C21)	13.464	3513917	20.531 ug/ml
13) T n-Docosane (C22)	14.051	3469232	20.319 ug/ml
14) T n-Tetracosane (C24)	15.154	3348073	19.641 ug/ml
15) T n-Hexacosane (C26)	16.176	3214839	19.229 ug/ml
16) T n-Octacosane (C28)	17.125	3122280	19.117 ug/ml
17) T n-Tricontane (C30)	18.015	2948771	19.405 ug/ml
18) T n-Dotriacontane (C32)	18.846	2340085	19.457 ug/ml
19) T n-Tetratriacontane (C34)	19.631	1883218	22.614 ug/ml
20) T n-Hexatriacontane (C36)	20.372	2425330	41.305 ug/ml
21) T n-Octatriacontane (C38)	21.097	1814692	36.194 ug/ml
22) T n-Tetracontane (C40)	21.988	1353927	26.218 ug/ml

(f)=RT Delta > 1/2 Window

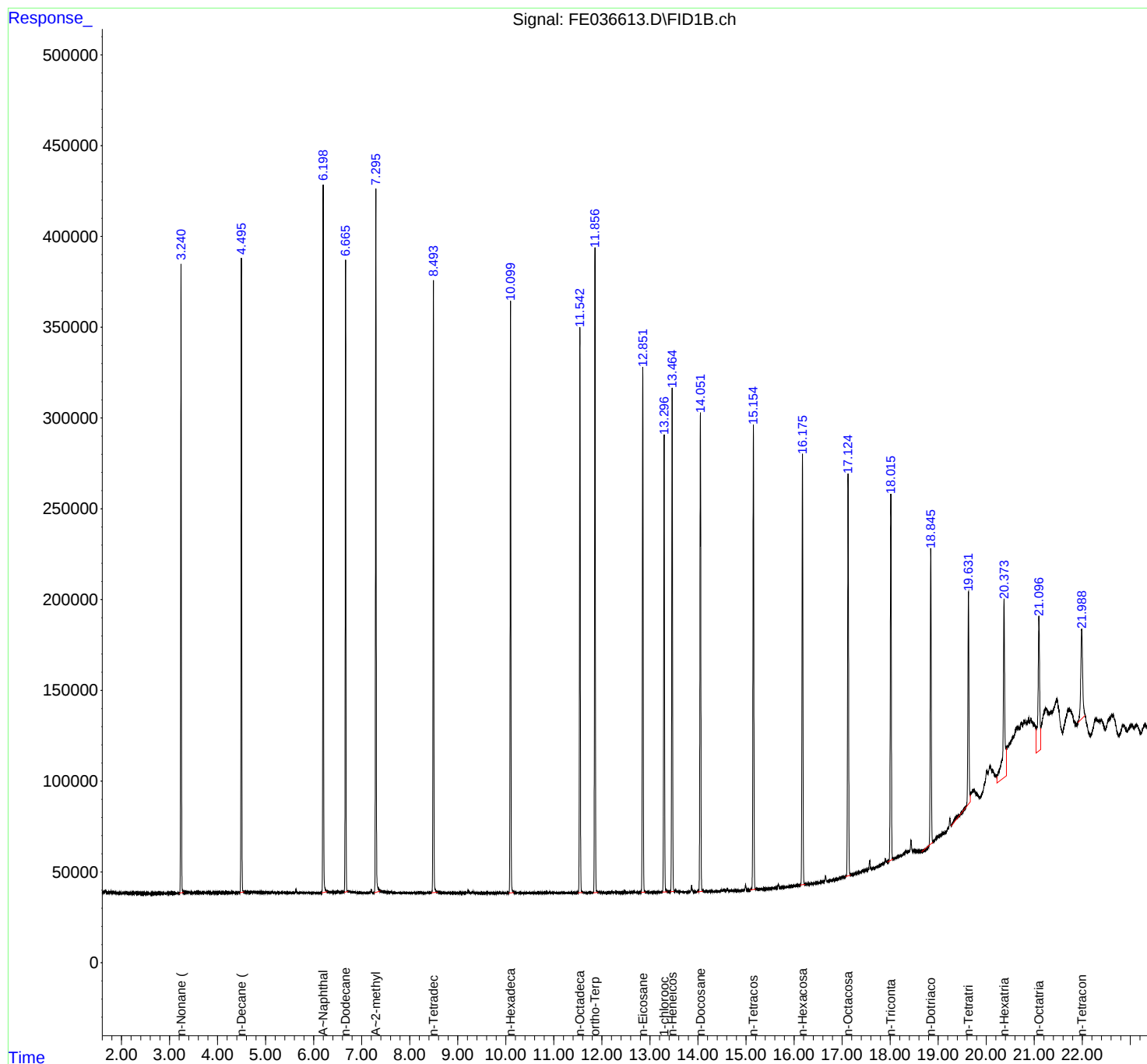
(m)=manual int.

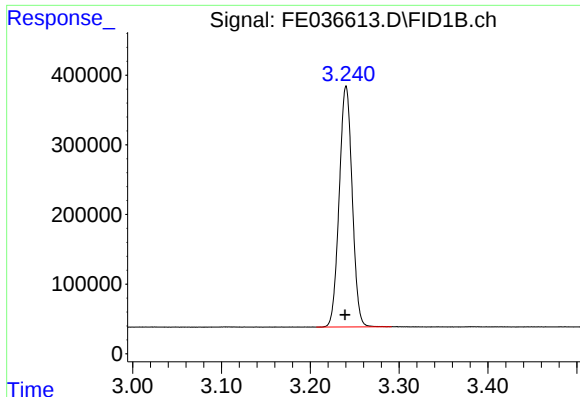
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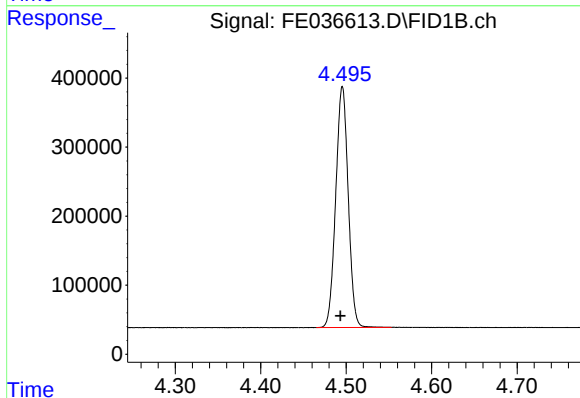




#1 n-Nonane (C9)

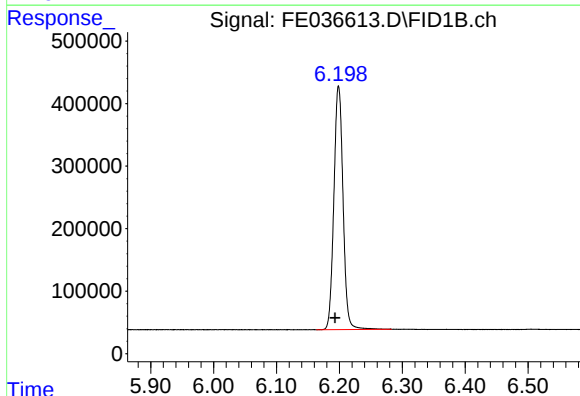
R.T.: 3.240 min
Delta R.T.: 0.001 min
Response: 3508768
Conc: 22.76 ug/ml

Instrument :
FID_E
ClientSampleId :



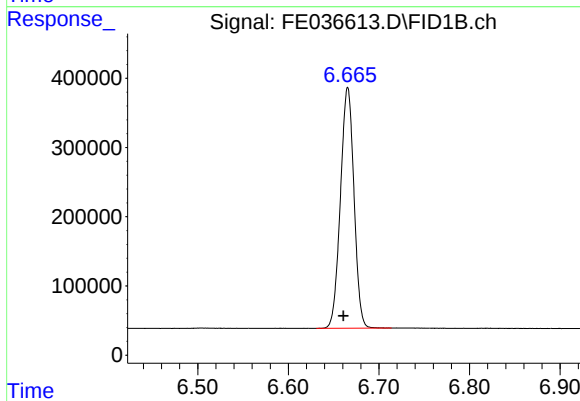
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: 0.002 min
Response: 3542556
Conc: 22.98 ug/ml



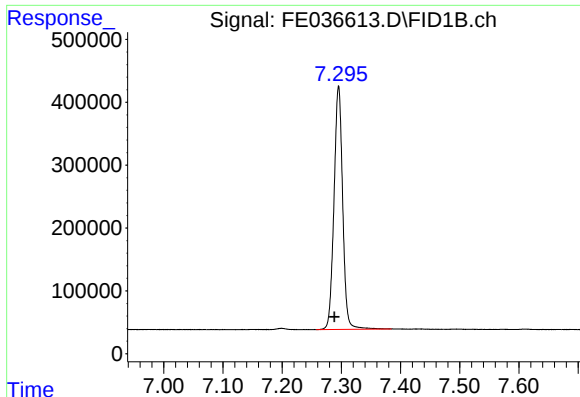
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: 0.005 min
Response: 3939788
Conc: 23.06 ug/ml



#4 n-Dodecane (C12)

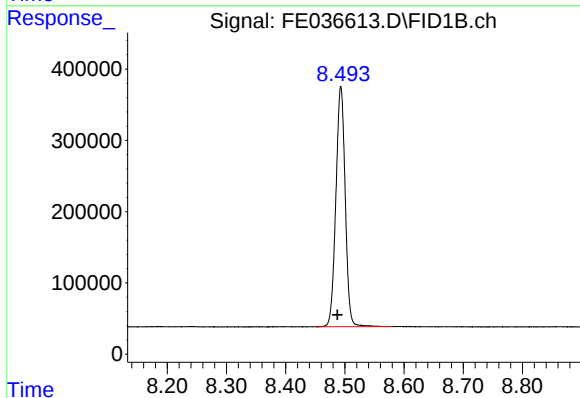
R.T.: 6.666 min
Delta R.T.: 0.005 min
Response: 3613386
Conc: 23.01 ug/ml



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

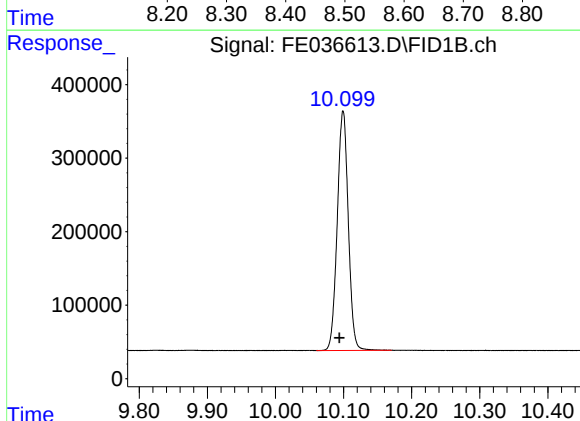
R.T.: 7.295 min
Delta R.T.: 0.007 min
Response: 3946122
Conc: 22.96 ug/ml

Instrument :
FID_E
ClientSampleId :



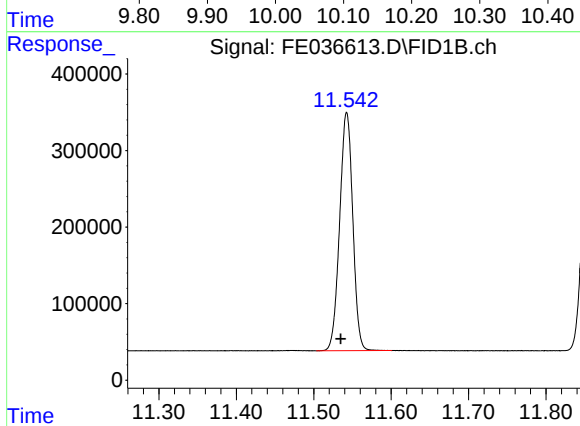
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: 0.006 min
Response: 3691816
Conc: 22.61 ug/ml



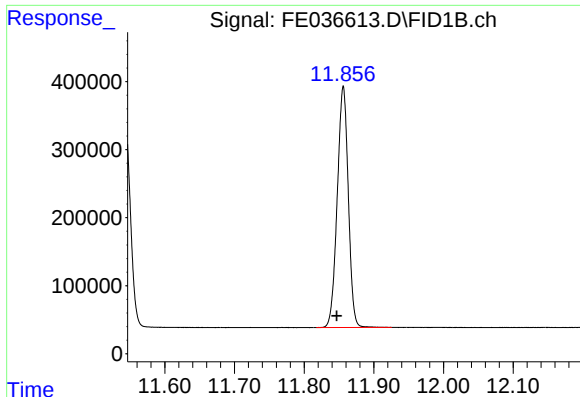
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: 0.006 min
Response: 3670137
Conc: 22.27 ug/ml



#8 n-Octadecane (C18)

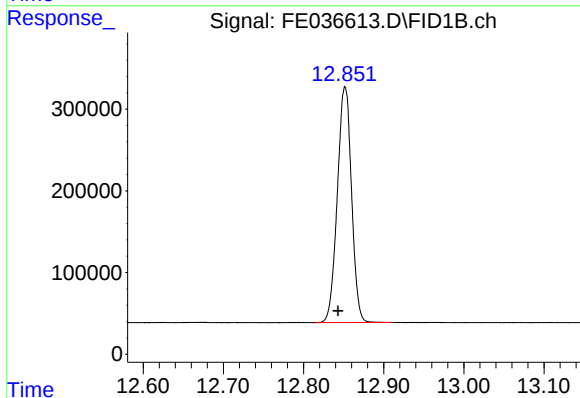
R.T.: 11.543 min
Delta R.T.: 0.008 min
Response: 3666408
Conc: 21.57 ug/ml



#9 ortho-Terphenyl (SURR)

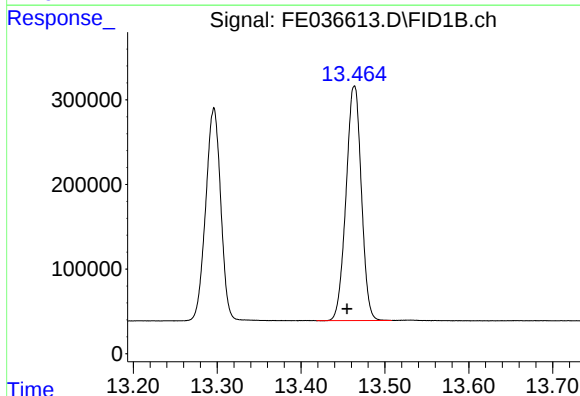
R.T.: 11.856 min
Delta R.T.: 0.010 min
Response: 3907469
Conc: 20.98 ug/ml

Instrument :
FID_E
ClientSampleId :



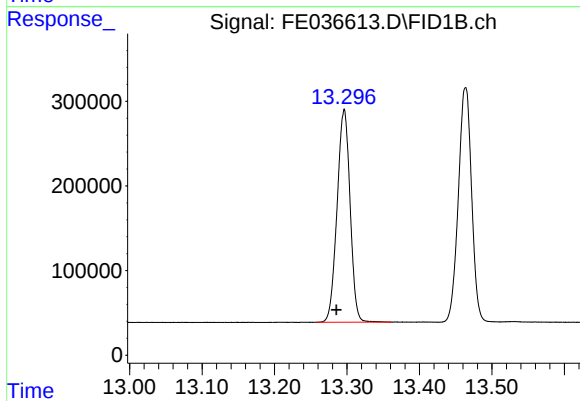
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.009 min
Response: 3554939
Conc: 20.90 ug/ml



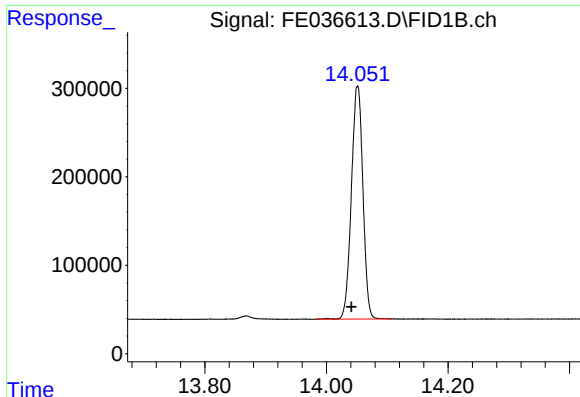
#11 n-Heneicosane (C21)

R.T.: 13.464 min
Delta R.T.: 0.009 min
Response: 3513917
Conc: 20.53 ug/ml



#12 1-chlorooctadecane (SURR)

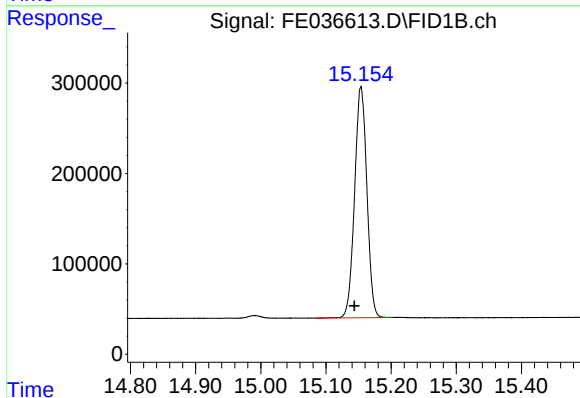
R.T.: 13.296 min
Delta R.T.: 0.011 min
Response: 3138490
Conc: 20.63 ug/ml



#13 n-Docosane (C22)

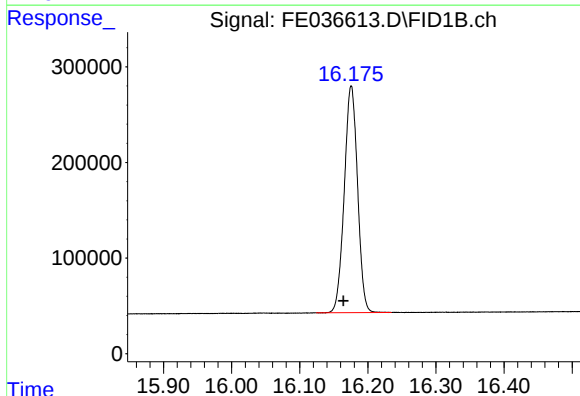
R.T.: 14.051 min
Delta R.T.: 0.010 min
Response: 3469232
Conc: 20.32 ug/ml

Instrument :
FID_E
ClientSampleId :



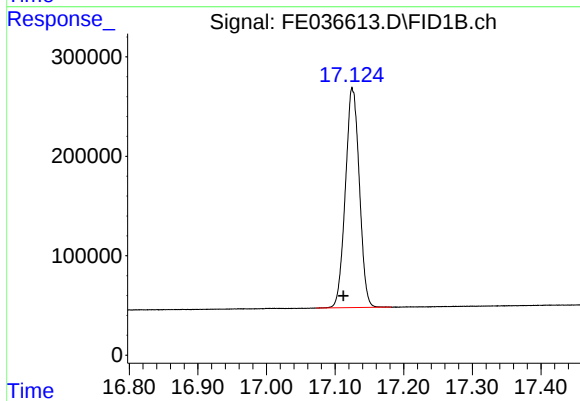
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: 0.010 min
Response: 3348073
Conc: 19.64 ug/ml



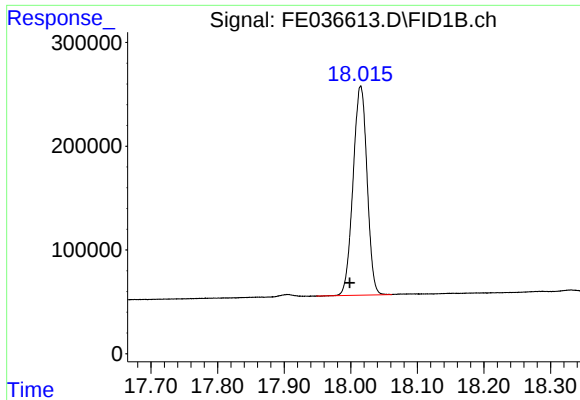
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: 0.012 min
Response: 3214839
Conc: 19.23 ug/ml



#16 n-Octacosane (C28)

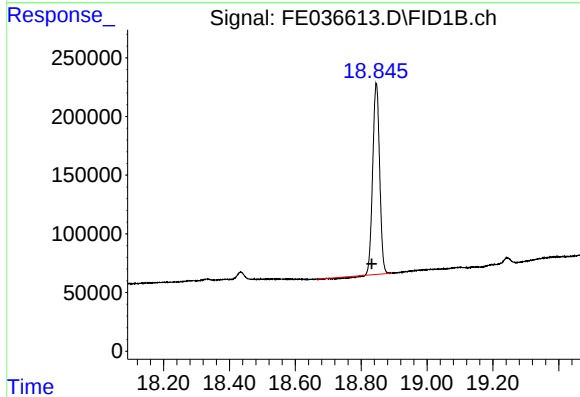
R.T.: 17.125 min
Delta R.T.: 0.013 min
Response: 3122280
Conc: 19.12 ug/ml



#17 n-Tricontane (C30)

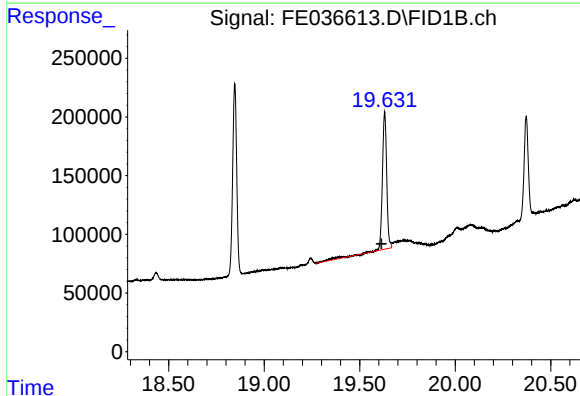
R.T.: 18.015 min
Delta R.T.: 0.016 min
Response: 2948771
Conc: 19.40 ug/ml

Instrument :
FID_E
ClientSampleId :



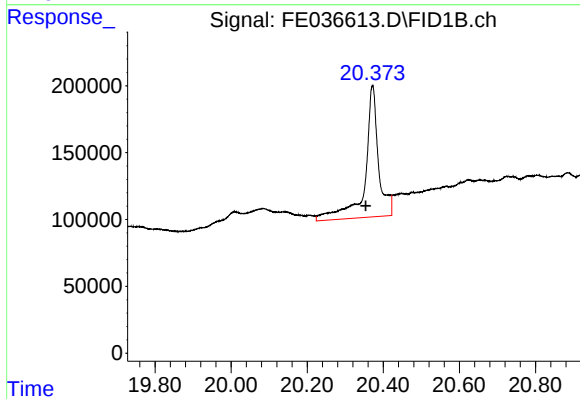
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: 0.014 min
Response: 2340085
Conc: 19.46 ug/ml



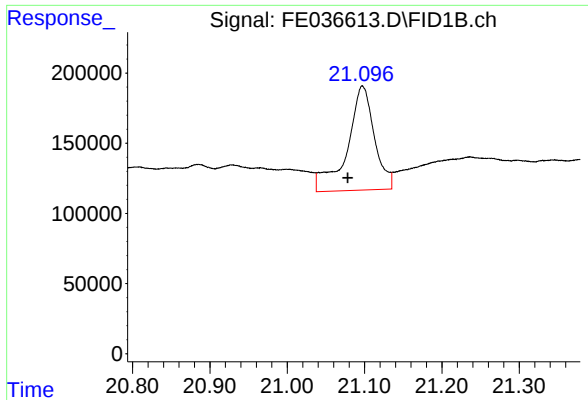
#19 n-Tetratriacontane (C34)

R.T.: 19.631 min
Delta R.T.: 0.016 min
Response: 1883218
Conc: 22.61 ug/ml



#20 n-Hexatriacontane (C36)

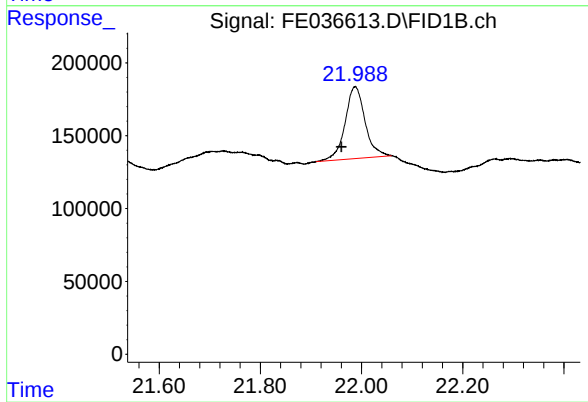
R.T.: 20.372 min
Delta R.T.: 0.018 min
Response: 2425330
Conc: 41.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.097 min
Delta R.T.: 0.019 min
Response: 1814692
Conc: 36.19 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: 0.027 min
Response: 1353927
Conc: 26.22 ug/ml