

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081022AL\
 Data File : FE037000.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2022 00:32
 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: Aug 11 01:45:05 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)	11.833	3513078	18.862 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
12) S 1-chlorooctadecane (S...	13.273	2749178	18.069 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
Target Compounds			
1) T n-Nonane (C9)	3.220	3242206	21.032 ug/ml
2) T n-Decane (C10)	4.475	3312204	21.487 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3555329	20.805 ug/ml
4) T n-Dodecane (C12)	6.644	3370285	21.459 ug/ml
5) T A~2-methylnaphthalene...	7.276	3512892	20.439 ug/ml
6) T n-Tetradecane (C14)	8.471	3371373	20.651 ug/ml
7) T n-Hexadecane (C16)	10.077	3293031	19.979 ug/ml
8) T n-Octadecane (C18)	11.520	3272169	19.254 ug/ml
10) T n-Eicosane (C20)	12.829	3155109	18.548 ug/ml
11) T n-Heneicosane (C21)	13.441	3118828	18.222 ug/ml
13) T n-Docosane (C22)	14.027	3057788	17.910 ug/ml
14) T n-Tetracosane (C24)	15.130	3045605	17.867 ug/ml
15) T n-Hexacosane (C26)	16.153	2950699	17.649 ug/ml
16) T n-Octacosane (C28)	17.104	2946165	18.039 ug/ml
17) T n-Tricontane (C30)	17.993	2929752	19.280 ug/ml
18) T n-Dotriacontane (C32)	18.827	2497190	20.763 ug/ml
19) T n-Tetratriacontane (C34)	19.610	1858141	22.313 ug/ml
20) T n-Hexatriacontane (C36)	20.350	1504664	25.626 ug/ml
21) T n-Octatriacontane (C38)	21.075	1289443	25.718 ug/ml
22) T n-Tetracontane (C40)	21.959	1468616	28.438 ug/ml

(f)=RT Delta > 1/2 Window

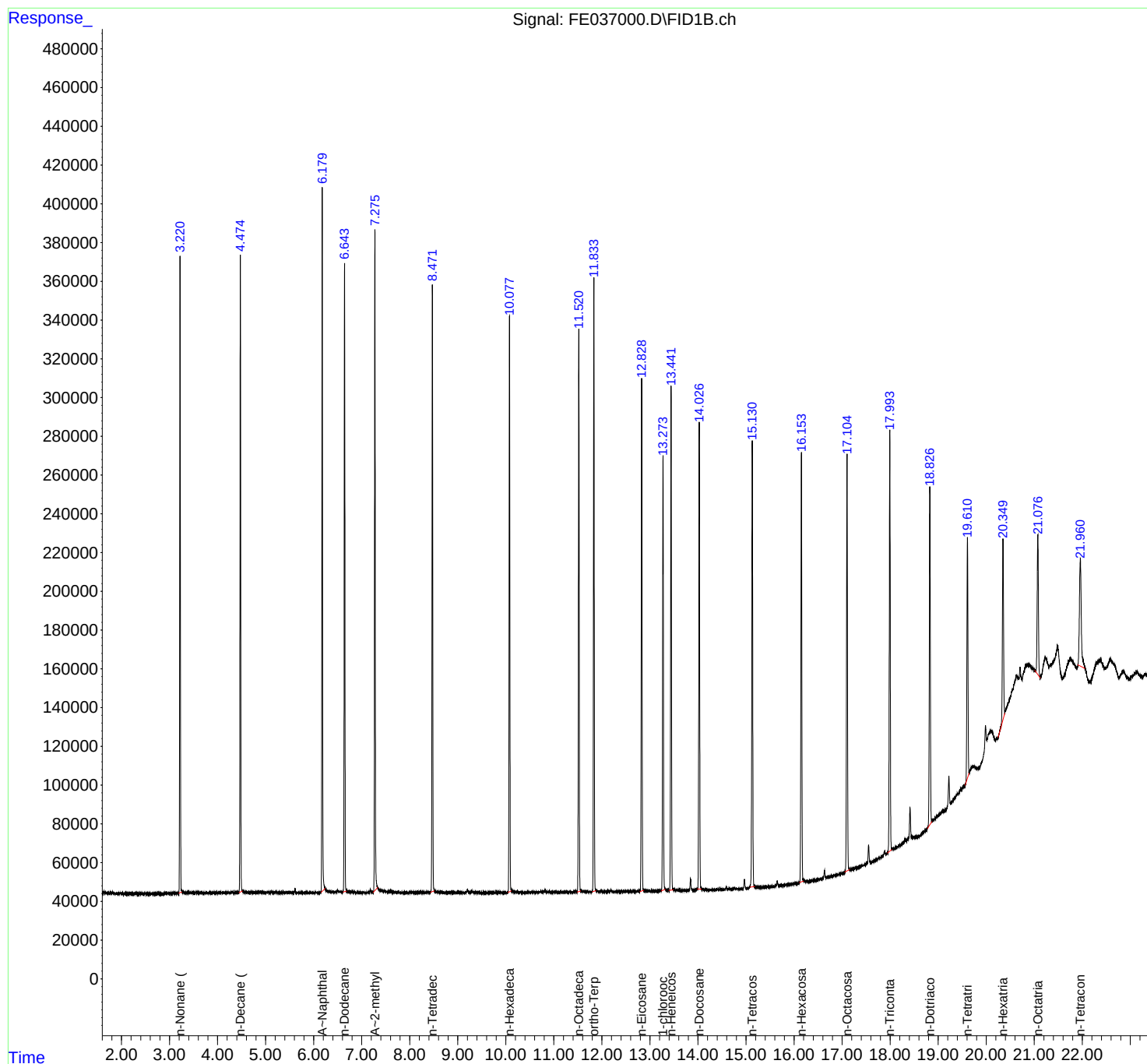
(m)=manual int.

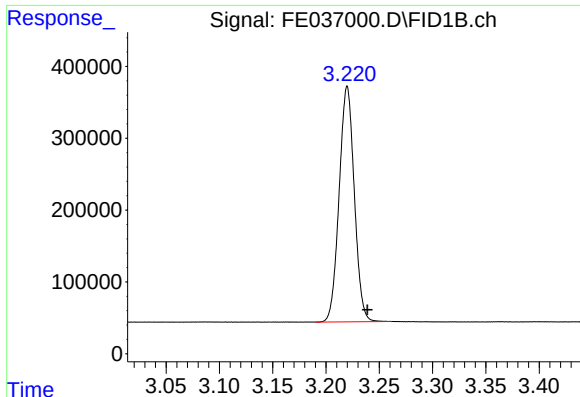
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081022AL\
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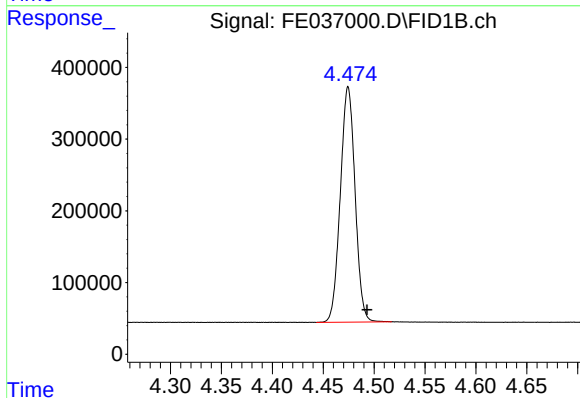




#1 n-Nonane (C9)

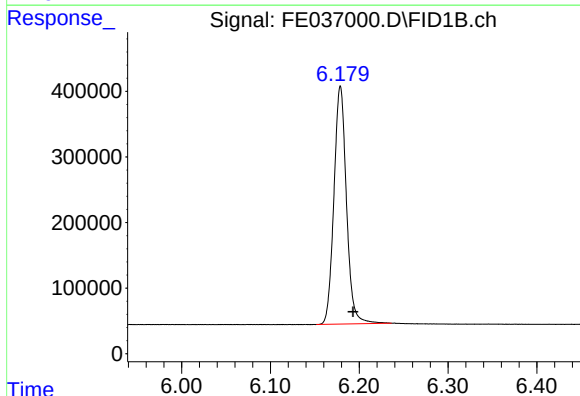
R.T.: 3.220 min
Delta R.T.: -0.019 min
Response: 3242206
Conc: 21.03 ug/ml

Instrument :
FID_E
ClientSampleId :



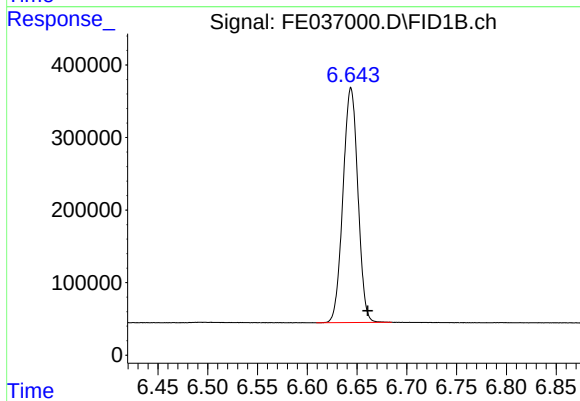
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: -0.019 min
Response: 3312204
Conc: 21.49 ug/ml



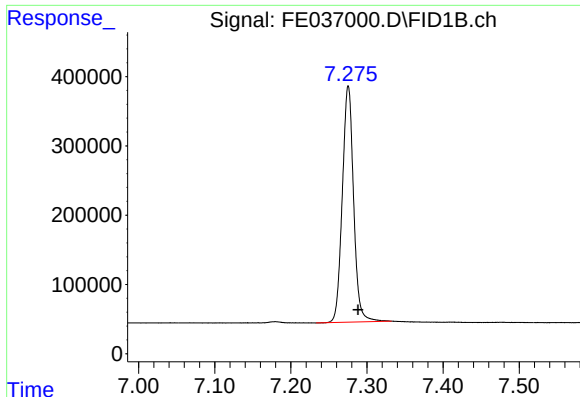
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.014 min
Response: 3555329
Conc: 20.81 ug/ml



#4 n-Dodecane (C12)

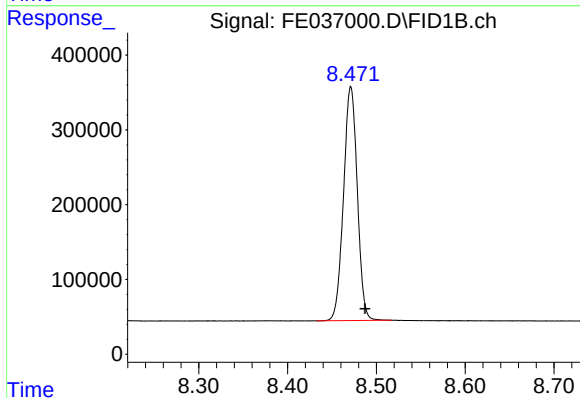
R.T.: 6.644 min
Delta R.T.: -0.017 min
Response: 3370285
Conc: 21.46 ug/ml



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

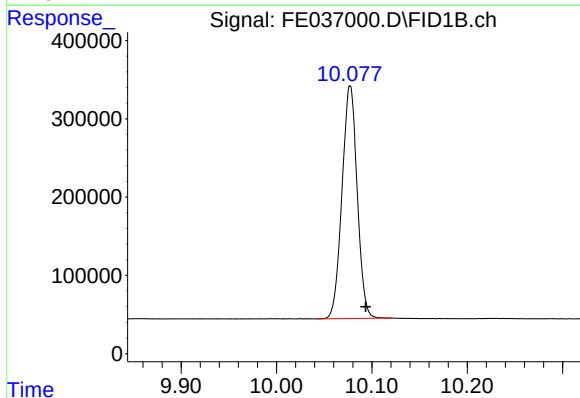
R.T.: 7.276 min
Delta R.T.: -0.013 min
Response: 3512892
Conc: 20.44 ug/ml

Instrument :
FID_E
ClientSampleId :



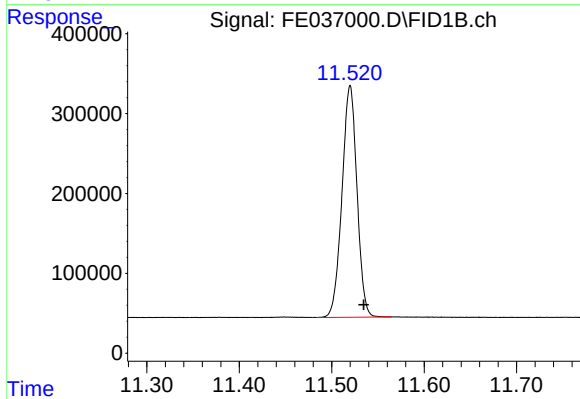
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.016 min
Response: 3371373
Conc: 20.65 ug/ml



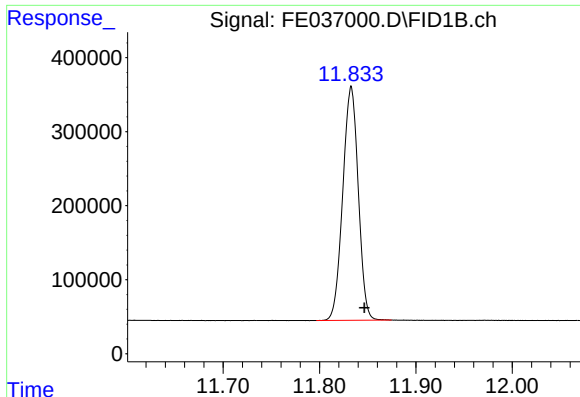
#7 n-Hexadecane (C16)

R.T.: 10.077 min
Delta R.T.: -0.017 min
Response: 3293031
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

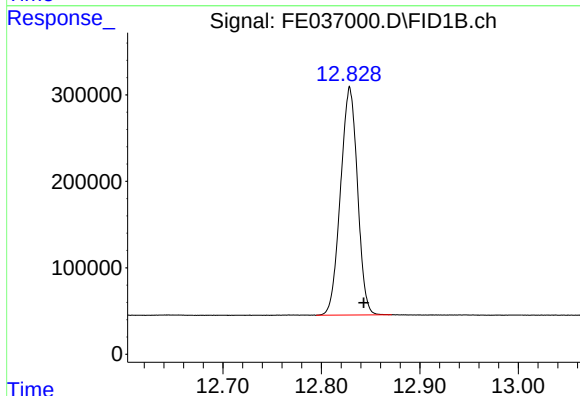
R.T.: 11.520 min
Delta R.T.: -0.015 min
Response: 3272169
Conc: 19.25 ug/ml



#9 ortho-Terphenyl (SURR)

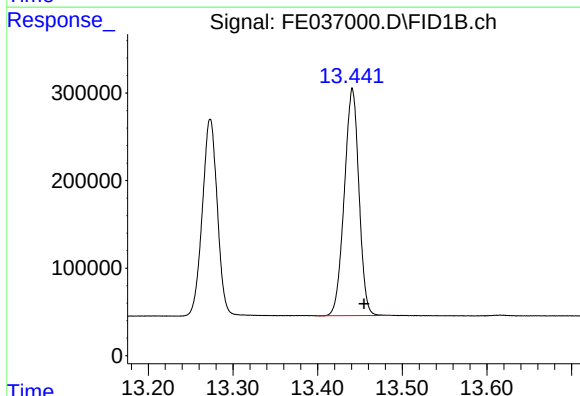
R.T.: 11.833 min
Delta R.T.: -0.014 min
Response: 3513078
Conc: 18.86 ug/ml

Instrument :
FID_E
ClientSampleId :



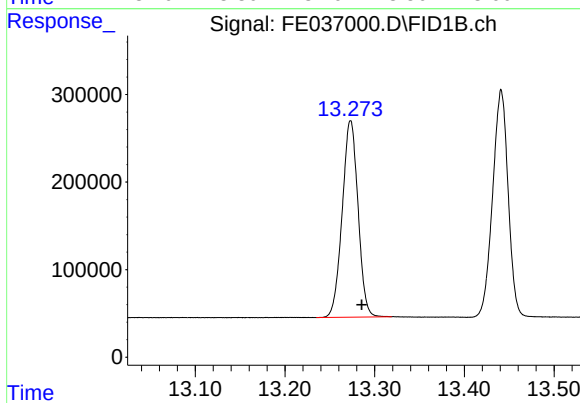
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.014 min
Response: 3155109
Conc: 18.55 ug/ml



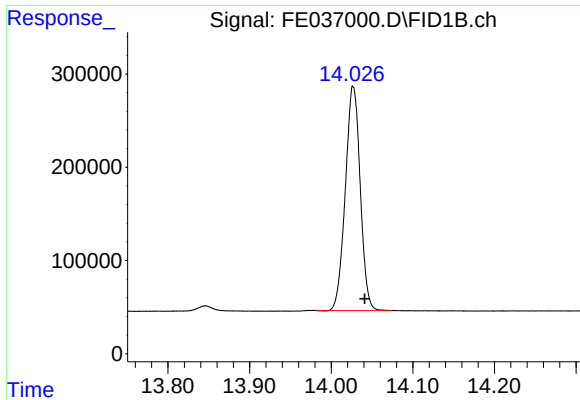
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.014 min
Response: 3118828
Conc: 18.22 ug/ml



#12 1-chlorooctadecane (SURR)

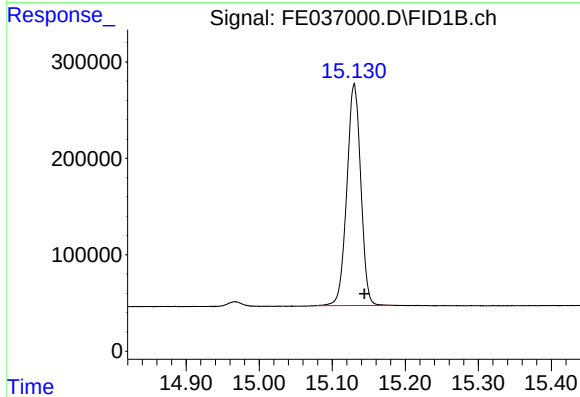
R.T.: 13.273 min
Delta R.T.: -0.012 min
Response: 2749178
Conc: 18.07 ug/ml



#13 n-Docosane (C22)

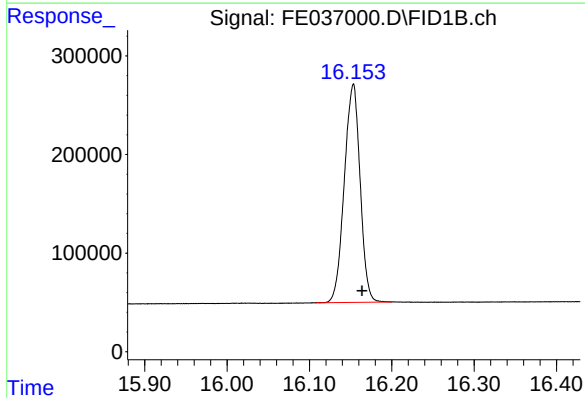
R.T.: 14.027 min
Delta R.T.: -0.014 min
Response: 3057788
Conc: 17.91 ug/ml

Instrument :
FID_E
ClientSampleId :



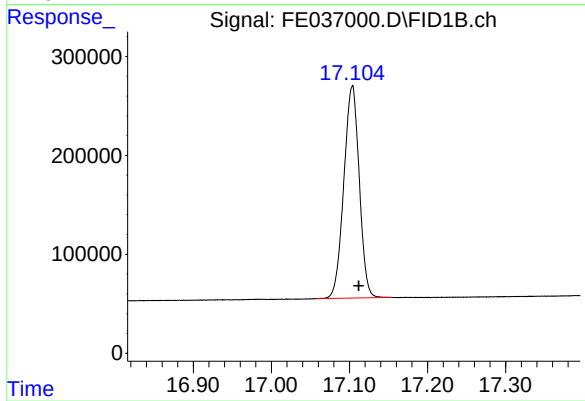
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.014 min
Response: 3045605
Conc: 17.87 ug/ml



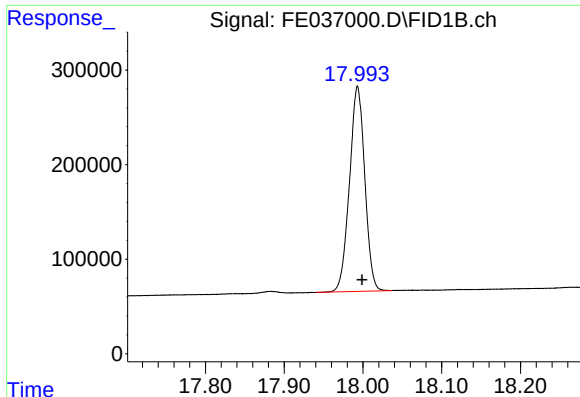
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 2950699
Conc: 17.65 ug/ml



#16 n-Octacosane (C28)

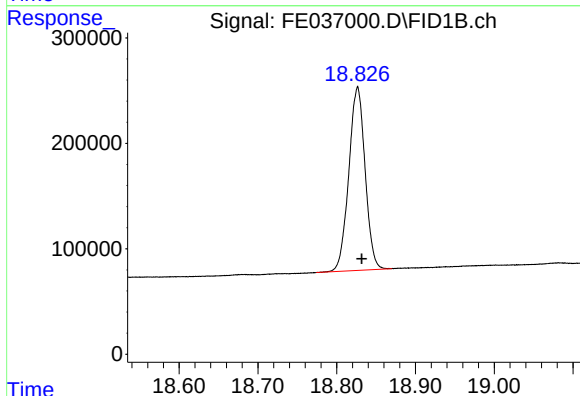
R.T.: 17.104 min
Delta R.T.: -0.008 min
Response: 2946165
Conc: 18.04 ug/ml



#17 n-Tricontane (C30)

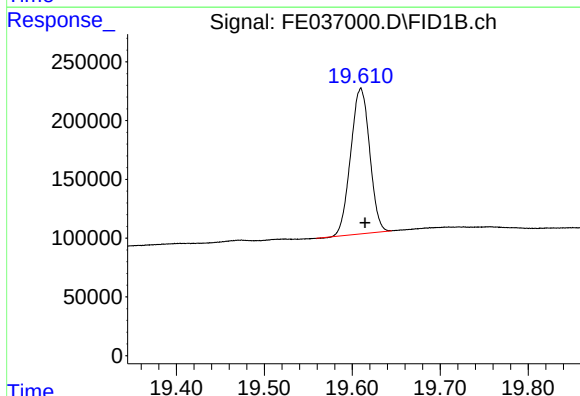
R.T.: 17.993 min
Delta R.T.: -0.006 min
Response: 2929752
Conc: 19.28 ug/ml

Instrument :
FID_E
ClientSampleId :



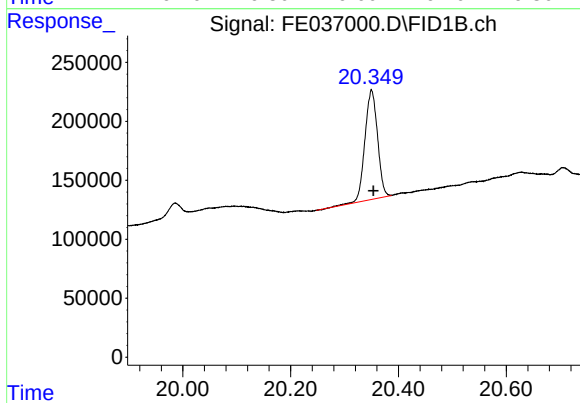
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.005 min
Response: 2497190
Conc: 20.76 ug/ml



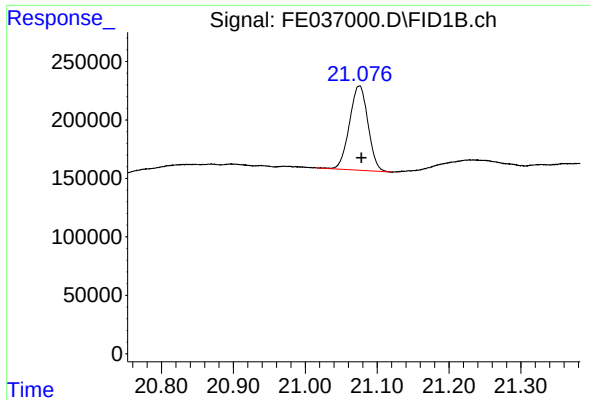
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.005 min
Response: 1858141
Conc: 22.31 ug/ml



#20 n-Hexatriacontane (C36)

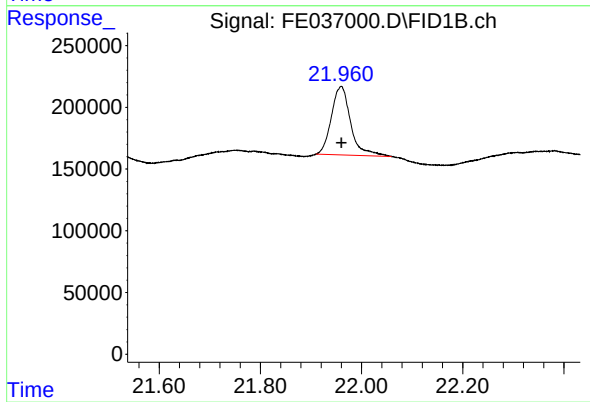
R.T.: 20.350 min
Delta R.T.: -0.004 min
Response: 1504664
Conc: 25.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.075 min
Delta R.T.: -0.003 min
Response: 1289443
Conc: 25.72 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.959 min
Delta R.T.: 0.000 min
Response: 1468616
Conc: 28.44 ug/ml