

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011421AL\
 Data File : FD036053.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jan 2021 00:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Jan 15 03:16:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 02:11:59 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.533	2946862	19.880 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
12) S 1-chlorooctadecane (S...	12.966	2294813	19.509 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T n-Nonane (C9)	3.317	2816673	21.849 ug/ml
2) T n-Decane (C10)	4.381	2854957	21.941 ug/ml
3) T A~Naphthalene (C11.7)	5.960	3198587	21.841 ug/ml
4) T n-Dodecane (C12)	6.395	2925548	22.000 ug/ml
5) T A~2-methylnaphthalene...	7.014	3262763	21.724 ug/ml
6) T n-Tetradecane (C14)	8.184	2926842	21.903 ug/ml
7) T n-Hexadecane (C16)	9.781	2847258	21.513 ug/ml
8) T n-Octadecane (C18)	11.219	2884924	20.967 ug/ml
10) T n-Eicosane (C20)	12.524	2783345	20.144 ug/ml
11) T n-Heneicosane (C21)	13.133	2714203	19.641 ug/ml
13) T n-Docosane (C22)	13.717	2636363	19.203 ug/ml
14) T n-Tetracosane (C24)	14.816	2477175	18.222 ug/ml
15) T n-Hexacosane (C26)	15.832	2317248	17.455 ug/ml
16) T n-Octacosane (C28)	16.778	2203730	17.033 ug/ml
17) T n-Tricontane (C30)	17.661	2117593	17.175 ug/ml
18) T n-Dotriacontane (C32)	18.488	1981199	17.975 ug/ml
19) T n-Tetratriacontane (C34)	19.268	1883368	18.999 ug/ml
20) T n-Hexatriacontane (C36)	20.003	1818724	20.221 ug/ml
21) T n-Octatriacontane (C38)	20.718	1768267	21.283 ug/ml
22) T n-Tetracontane (C40)	21.586	1851937	22.019 ug/ml

(f)=RT Delta > 1/2 Window

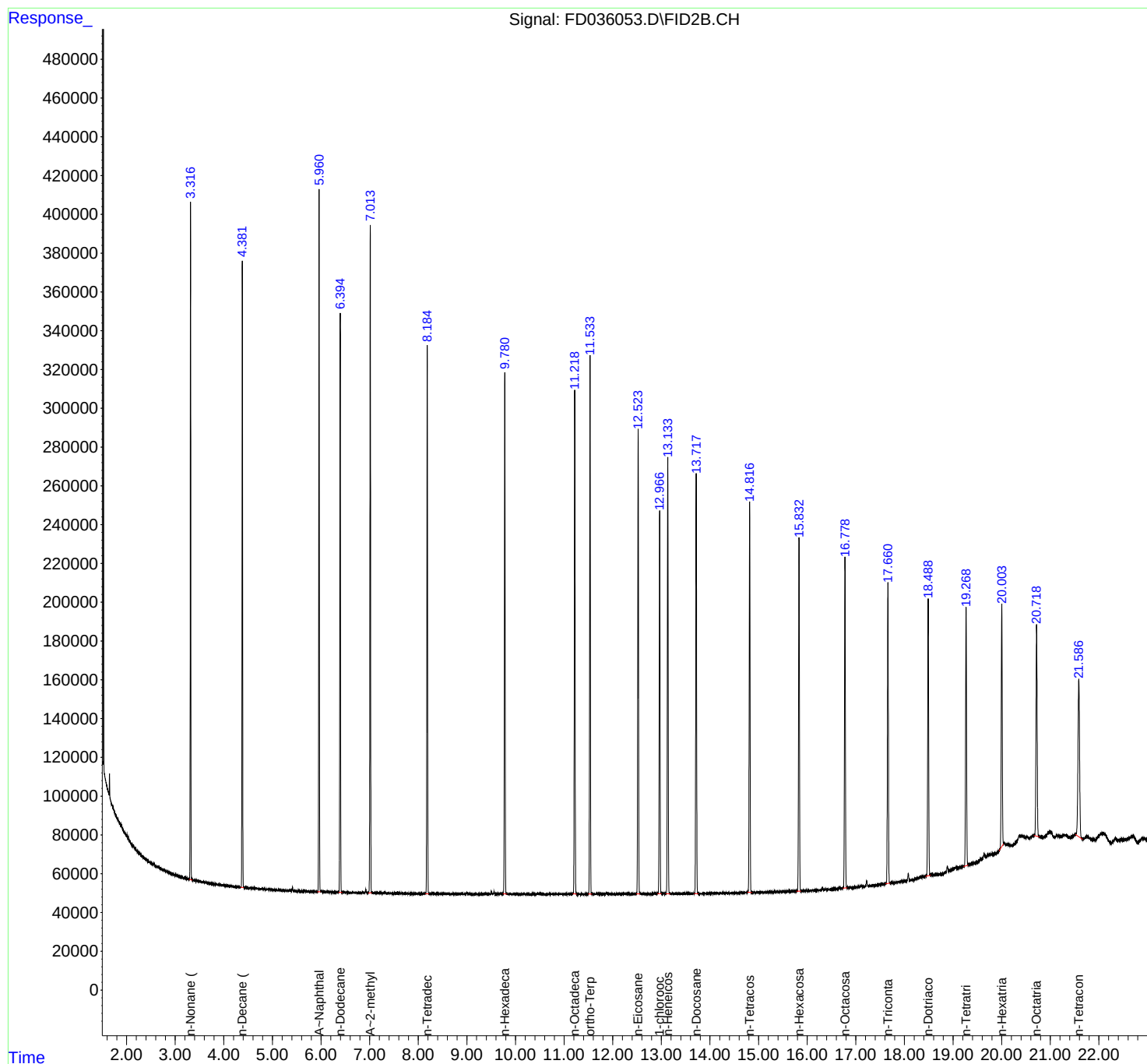
(m)=manual int.

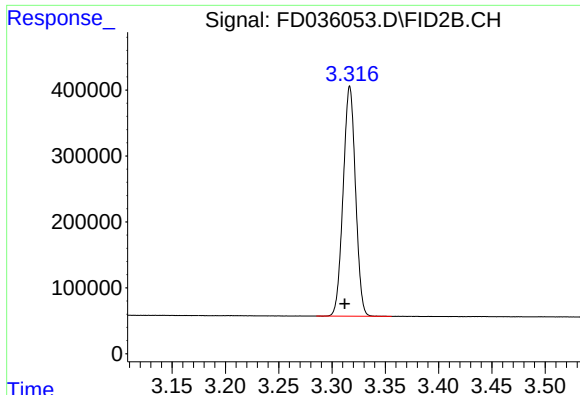
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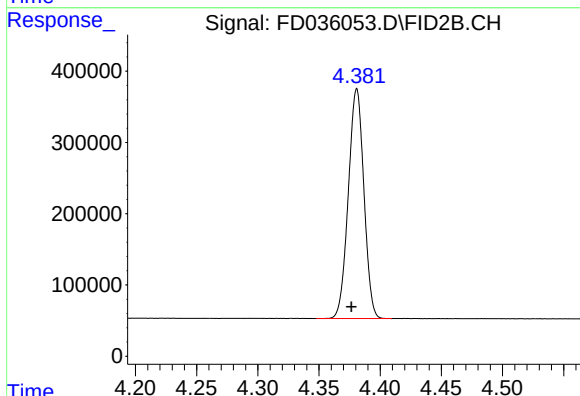




#1 n-Nonane (C9)

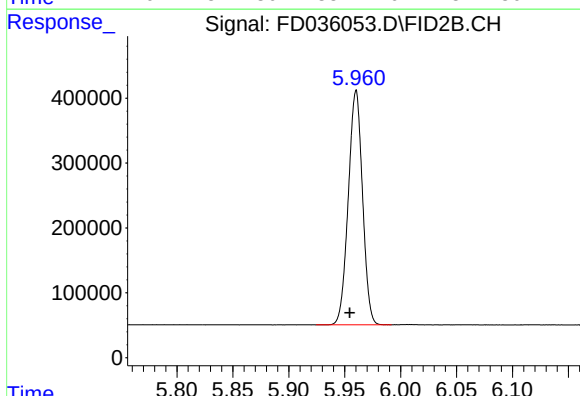
R.T.: 3.317 min
Delta R.T.: 0.005 min
Response: 2816673
Conc: 21.85 ug/ml

Instrument :
FID_D
ClientSampleId :



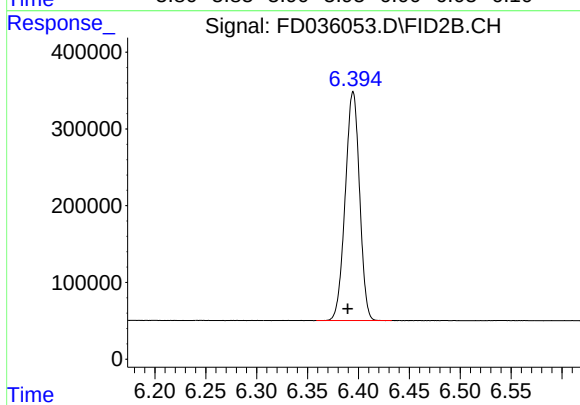
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.004 min
Response: 2854957
Conc: 21.94 ug/ml



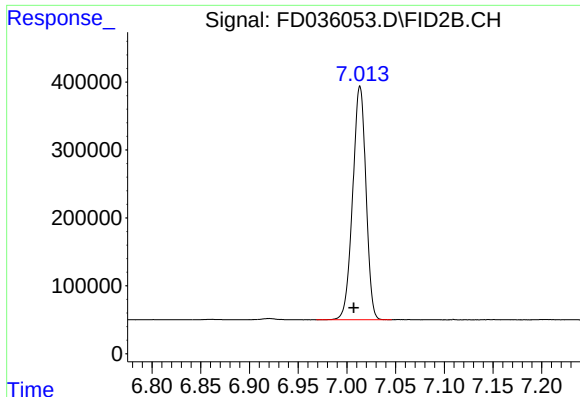
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: 0.006 min
Response: 3198587
Conc: 21.84 ug/ml



#4 n-Dodecane (C12)

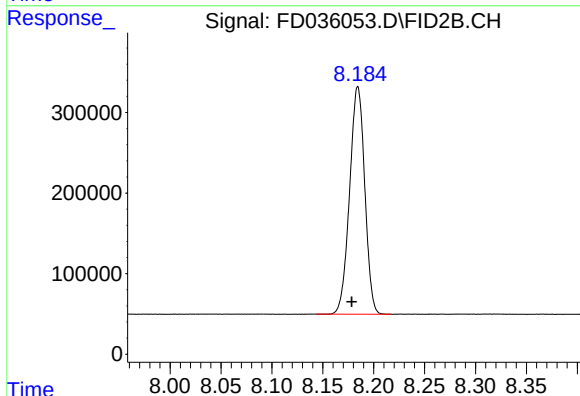
R.T.: 6.395 min
Delta R.T.: 0.005 min
Response: 2925548
Conc: 22.00 ug/ml



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

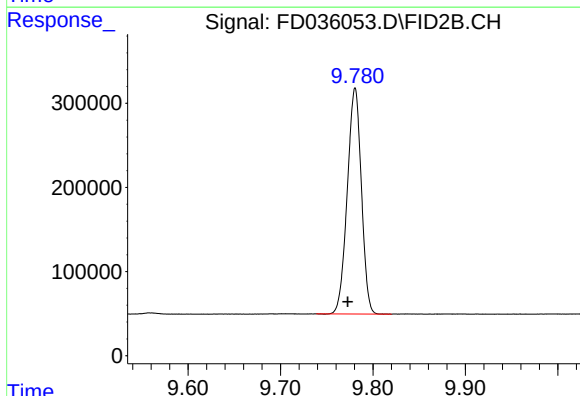
R.T.: 7.014 min
Delta R.T.: 0.006 min
Response: 3262763
Conc: 21.72 ug/ml

Instrument :
FID_D
ClientSampleId :



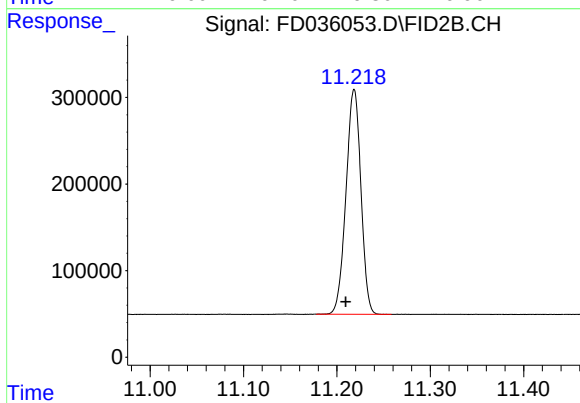
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.006 min
Response: 2926842
Conc: 21.90 ug/ml



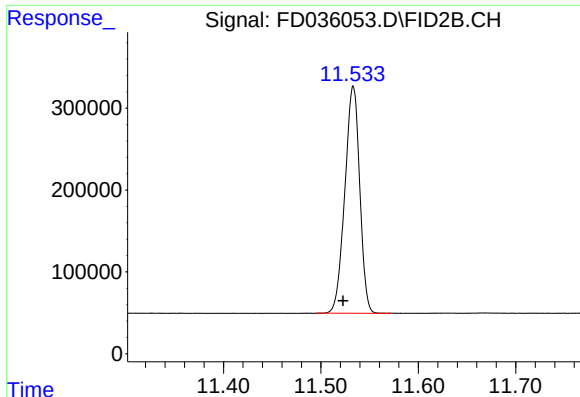
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.008 min
Response: 2847258
Conc: 21.51 ug/ml



#8 n-Octadecane (C18)

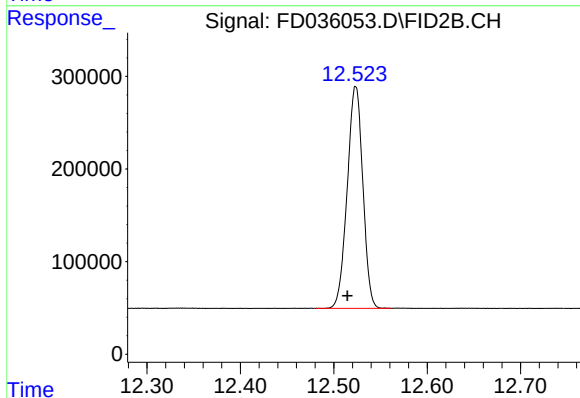
R.T.: 11.219 min
Delta R.T.: 0.009 min
Response: 2884924
Conc: 20.97 ug/ml



#9 ortho-Terphenyl (SURR)

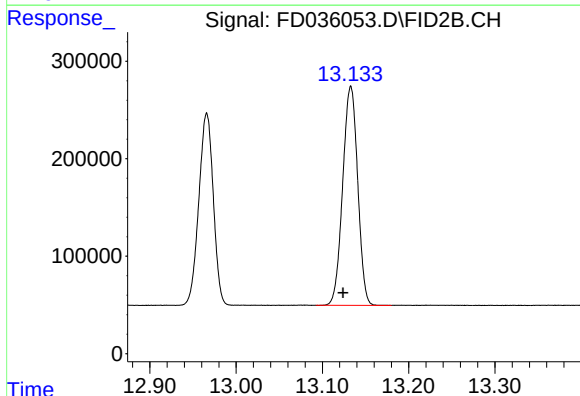
R.T.: 11.533 min
Delta R.T.: 0.010 min
Response: 2946862
Conc: 19.88 ug/ml

Instrument :
FID_D
ClientSampleId :



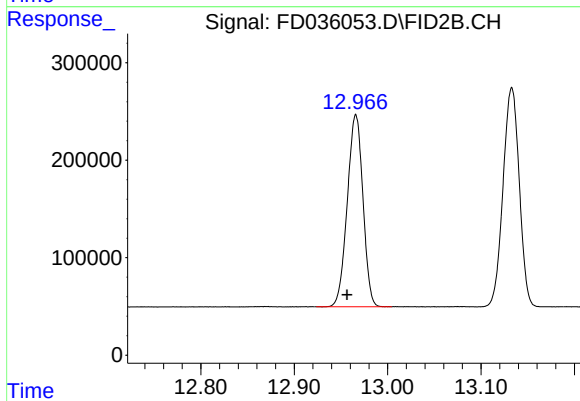
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: 0.009 min
Response: 2783345
Conc: 20.14 ug/ml



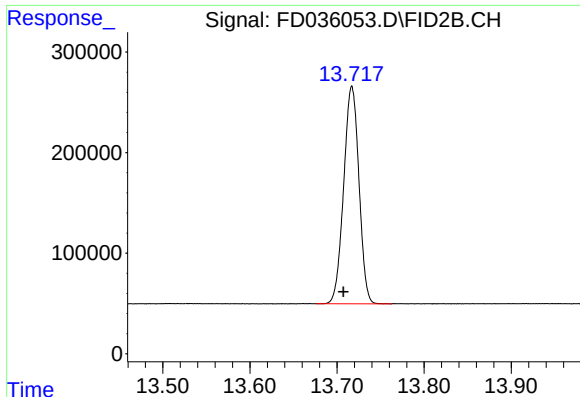
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: 0.009 min
Response: 2714203
Conc: 19.64 ug/ml



#12 1-chlorooctadecane (SURR)

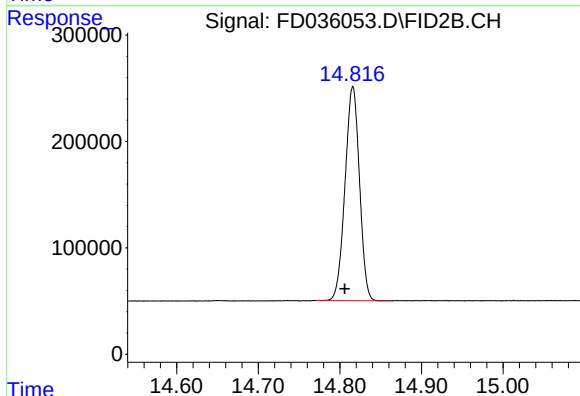
R.T.: 12.966 min
Delta R.T.: 0.009 min
Response: 2294813
Conc: 19.51 ug/ml



#13 n-Docosane (C22)

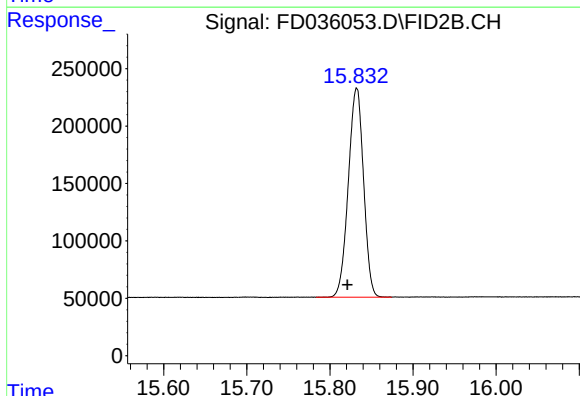
R.T.: 13.717 min
Delta R.T.: 0.010 min
Response: 2636363
Conc: 19.20 ug/ml

Instrument :
FID_D
ClientSampleId :



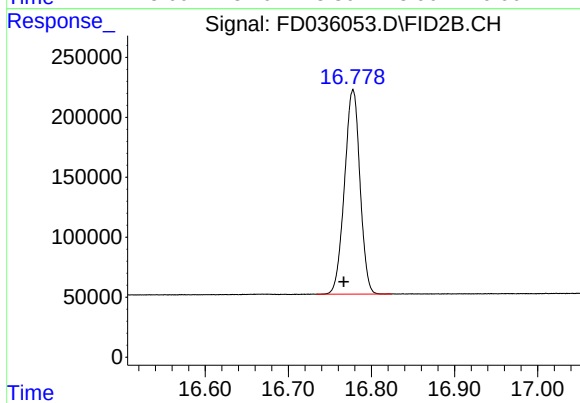
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: 0.010 min
Response: 2477175
Conc: 18.22 ug/ml



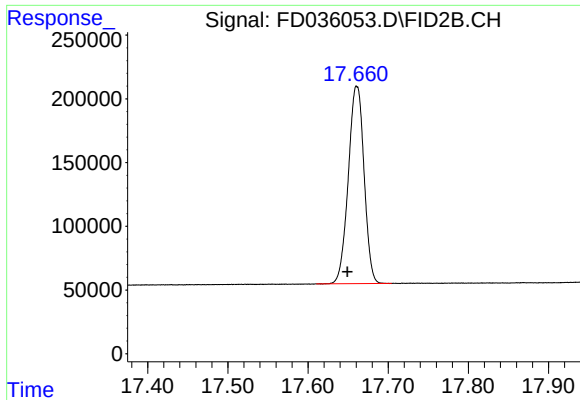
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: 0.011 min
Response: 2317248
Conc: 17.45 ug/ml



#16 n-Octacosane (C28)

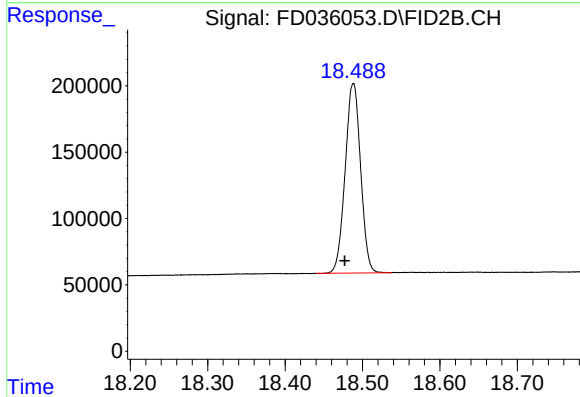
R.T.: 16.778 min
Delta R.T.: 0.011 min
Response: 2203730
Conc: 17.03 ug/ml



#17 n-Tricontane (C30)

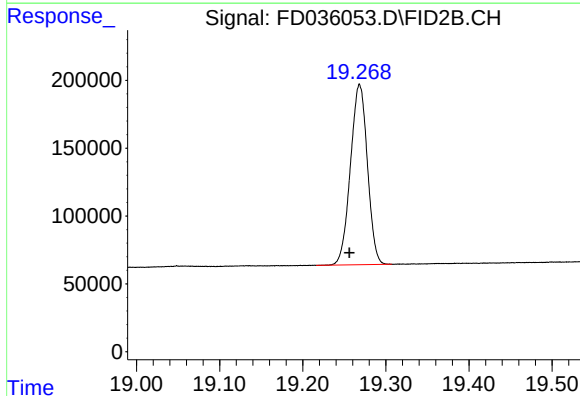
R.T.: 17.661 min
Delta R.T.: 0.012 min
Response: 2117593
Conc: 17.18 ug/ml

Instrument :
FID_D
ClientSampleId :



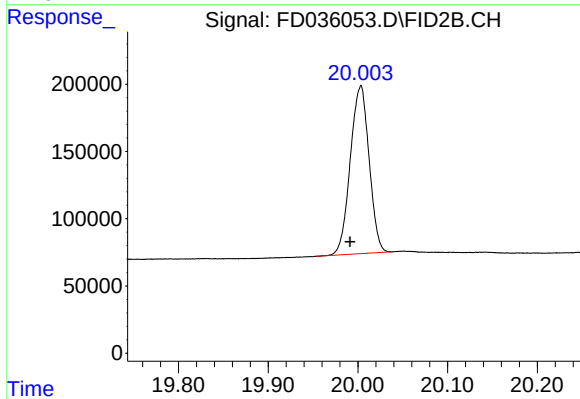
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.011 min
Response: 1981199
Conc: 17.98 ug/ml



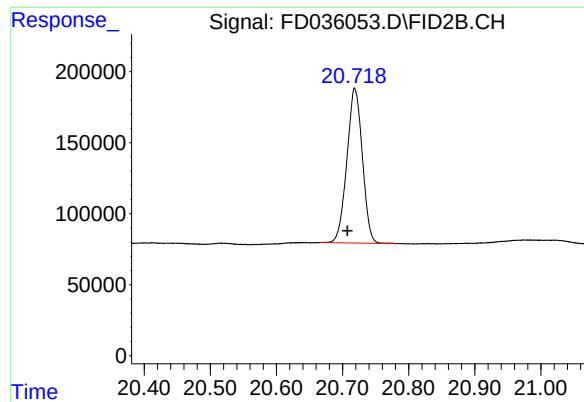
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: 0.012 min
Response: 1883368
Conc: 19.00 ug/ml



#20 n-Hexatriacontane (C36)

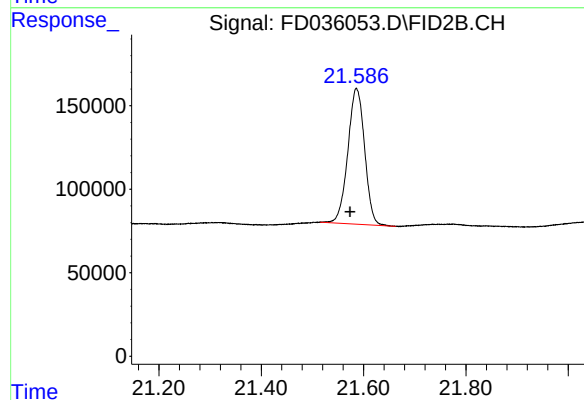
R.T.: 20.003 min
Delta R.T.: 0.012 min
Response: 1818724
Conc: 20.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: 0.011 min
Response: 1768267
Conc: 21.28 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.586 min
Delta R.T.: 0.012 min
Response: 1851937
Conc: 22.02 ug/ml