

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060221AL\
 Data File : FD037661.D
 Signal(s) : FID2B.CH
 Acq On : 02 Jun 2021 23:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 03 03:27:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.456	2119550	18.074 ug/ml
Spiked Amount 50.000		Recovery =	36.15%
12) S 1-chlorooctadecane (S...	12.891	1615761	17.782 ug/ml
Spiked Amount 50.000		Recovery =	35.56%
Target Compounds			
1) T n-Nonane (C9)	3.256	2006483	19.886 ug/ml
2) T n-Decane (C10)	4.318	2029322	20.001 ug/ml
3) T A~Naphthalene (C11.7)	5.893	2274204	19.972 ug/ml
4) T n-Dodecane (C12)	6.328	2080749	20.127 ug/ml
5) T A~2-methylnaphthalene...	6.945	2299992	19.867 ug/ml
6) T n-Tetradecane (C14)	8.116	2077048	19.929 ug/ml
7) T n-Hexadecane (C16)	9.710	2009034	19.470 ug/ml
8) T n-Octadecane (C18)	11.145	2030693	18.795 ug/ml
10) T n-Eicosane (C20)	12.450	1978559	18.154 ug/ml
11) T n-Heneicosane (C21)	13.058	1947376	17.888 ug/ml
13) T n-Docosane (C22)	13.642	1915534	17.633 ug/ml
14) T n-Tetracosane (C24)	14.738	1879385	17.345 ug/ml
15) T n-Hexacosane (C26)	15.755	1841128	17.285 ug/ml
16) T n-Octacosane (C28)	16.700	1841314	17.379 ug/ml
17) T n-Tricontane (C30)	17.584	1863723	17.703 ug/ml
18) T n-Dotriacontane (C32)	18.411	1853980	17.799 ug/ml
19) T n-Tetratriacontane (C34)	19.191	1844628	18.148 ug/ml
20) T n-Hexatriacontane (C36)	19.927	1774248	18.190 ug/ml
21) T n-Octatriacontane (C38)	20.636	1728599	18.803 ug/ml
22) T n-Tetracontane (C40)	21.480	1759342	18.271 ug/ml

(f)=RT Delta > 1/2 Window

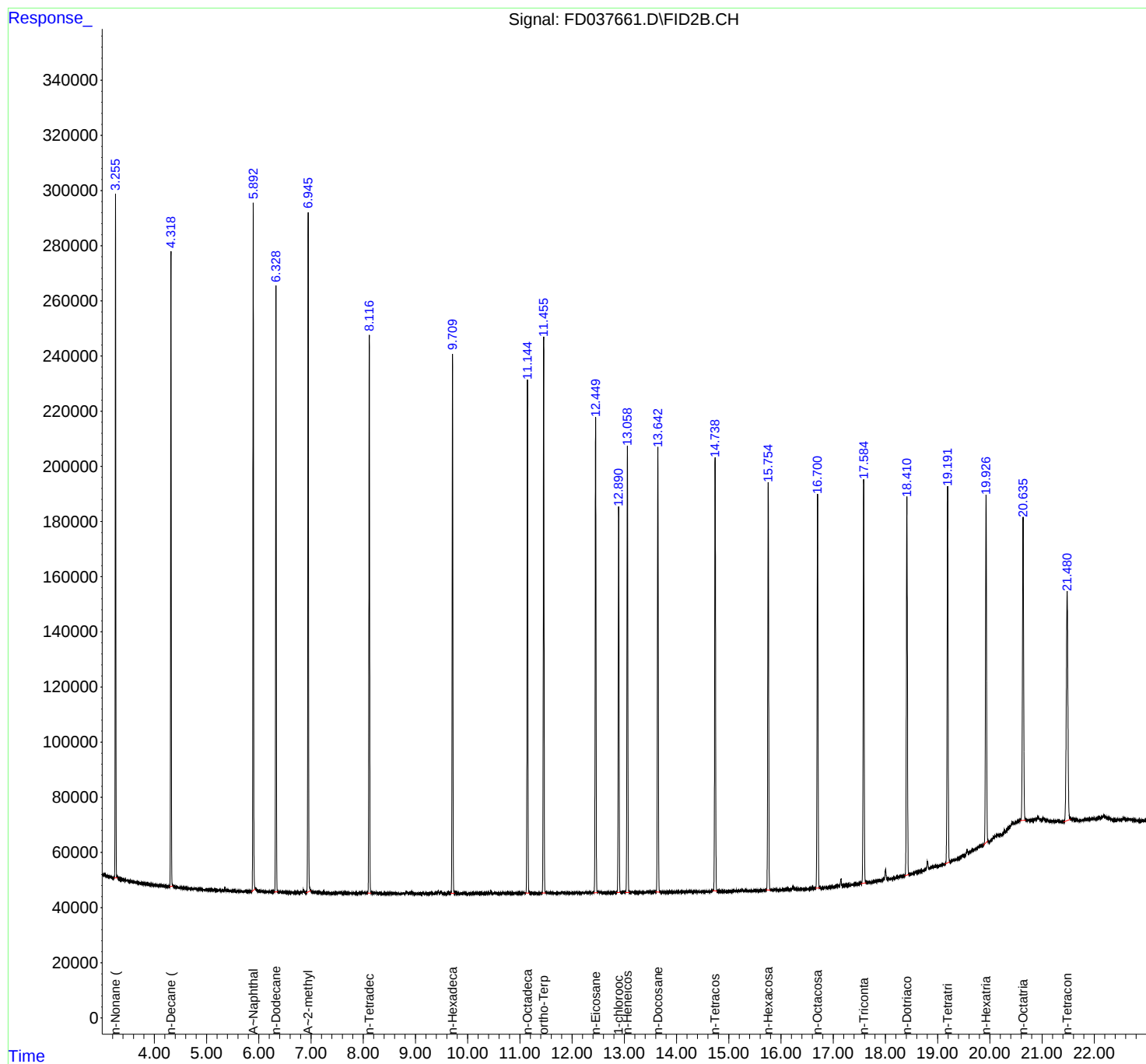
(m)=manual int.

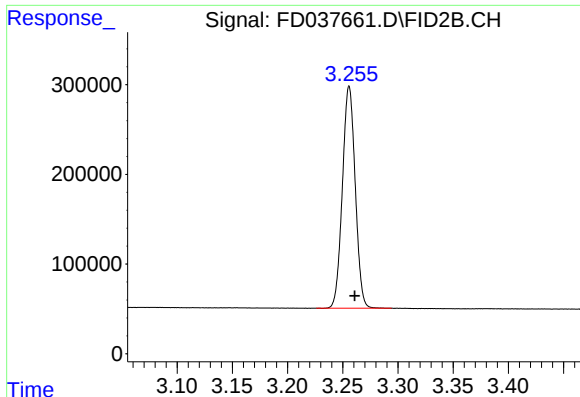
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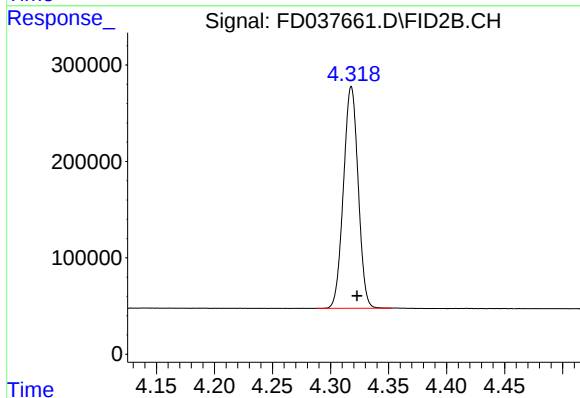




#1 n-Nonane (C9)

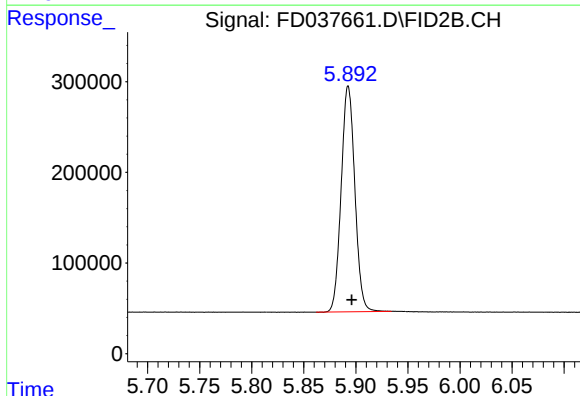
R.T.: 3.256 min
Delta R.T.: -0.005 min
Response: 2006483
Conc: 19.89 ug/ml

Instrument :
FID_D
ClientSampleId :



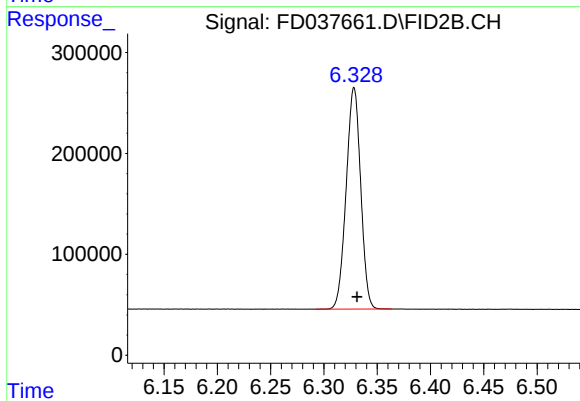
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.005 min
Response: 2029322
Conc: 20.00 ug/ml



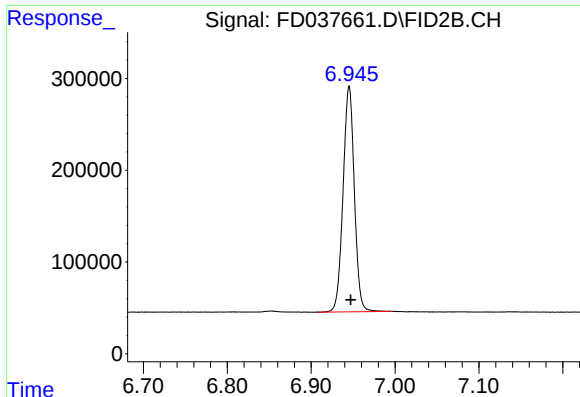
#3 A~Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 2274204
Conc: 19.97 ug/ml



#4 n-Dodecane (C12)

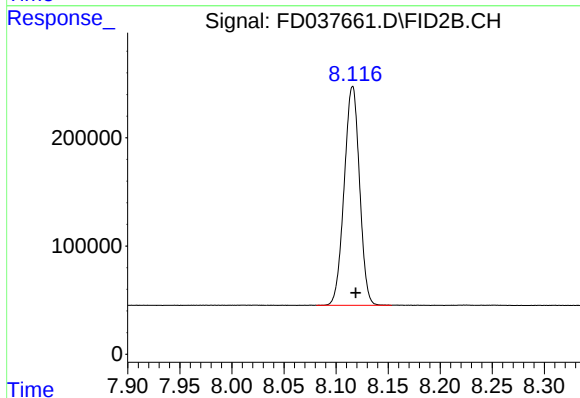
R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 2080749
Conc: 20.13 ug/ml



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

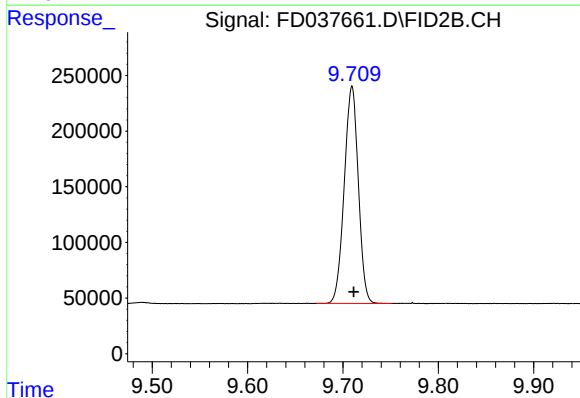
R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 2299992
Conc: 19.87 ug/ml

Instrument :
FID_D
ClientSampleId :



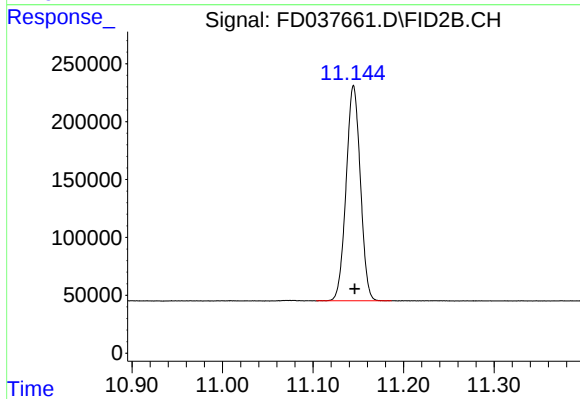
#6 n-Tetradecane (C14)

R.T.: 8.116 min
Delta R.T.: -0.003 min
Response: 2077048
Conc: 19.93 ug/ml



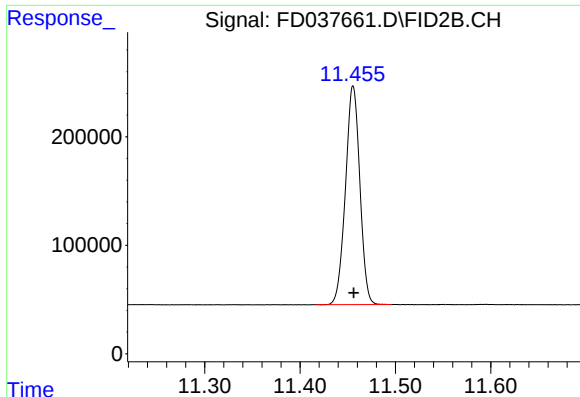
#7 n-Hexadecane (C16)

R.T.: 9.710 min
Delta R.T.: -0.002 min
Response: 2009034
Conc: 19.47 ug/ml



#8 n-Octadecane (C18)

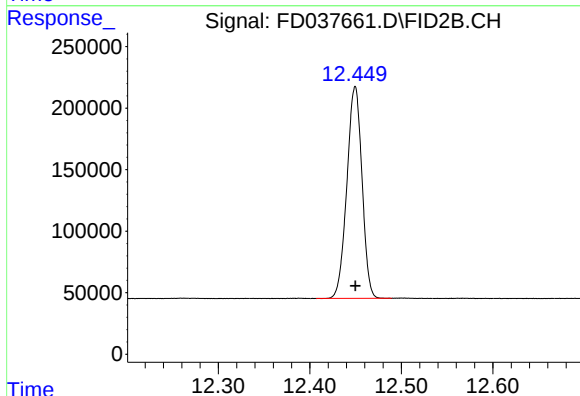
R.T.: 11.145 min
Delta R.T.: -0.001 min
Response: 2030693
Conc: 18.79 ug/ml



#9 ortho-Terphenyl (SURR)

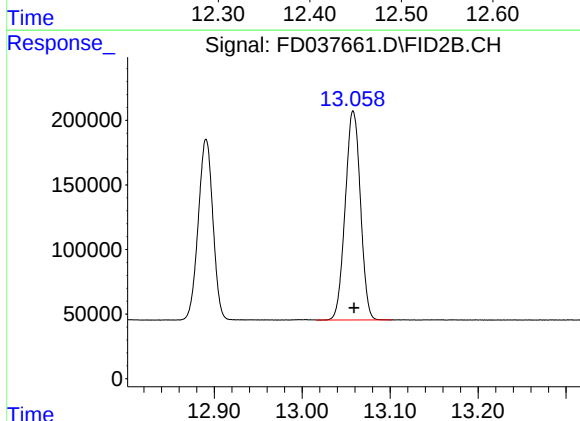
R.T.: 11.456 min
Delta R.T.: 0.000 min
Response: 2119550
Conc: 18.07 ug/ml

Instrument :
FID_D
ClientSampleId :



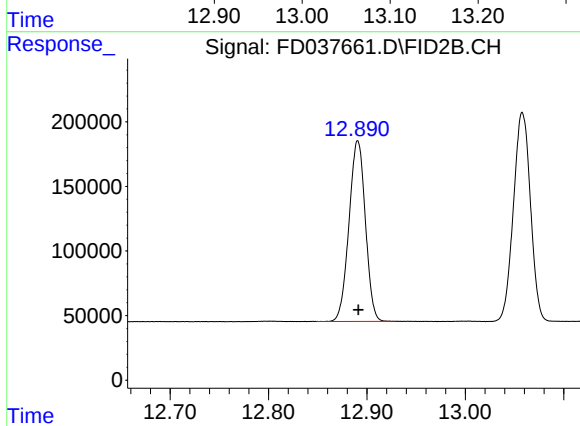
#10 n-Eicosane (C20)

R.T.: 12.450 min
Delta R.T.: 0.000 min
Response: 1978559
Conc: 18.15 ug/ml



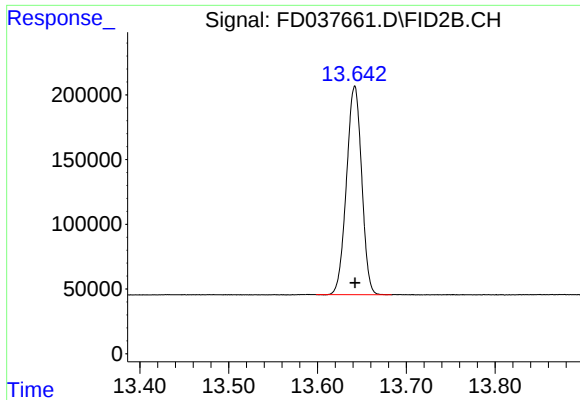
#11 n-Heneicosane (C21)

R.T.: 13.058 min
Delta R.T.: 0.000 min
Response: 1947376
Conc: 17.89 ug/ml



#12 1-chlorooctadecane (SURR)

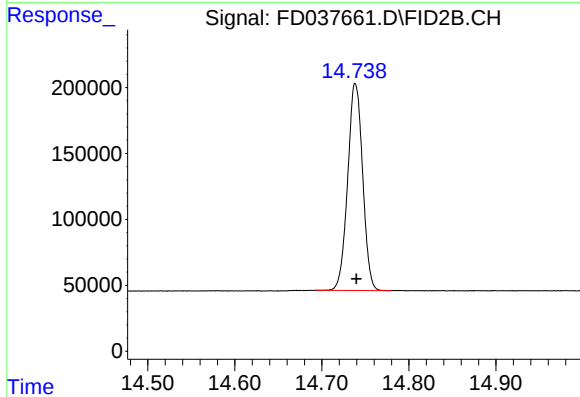
R.T.: 12.891 min
Delta R.T.: 0.000 min
Response: 1615761
Conc: 17.78 ug/ml



#13 n-Docosane (C22)

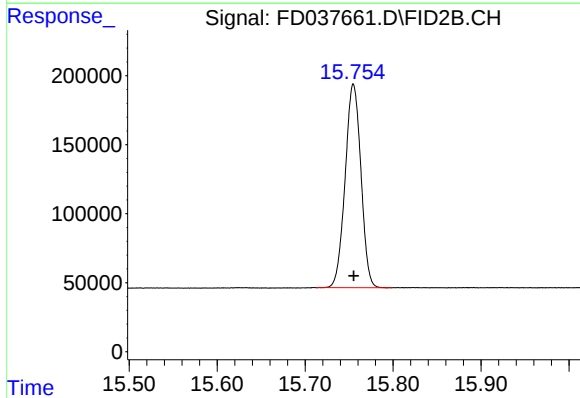
R.T.: 13.642 min
Delta R.T.: 0.000 min
Response: 1915534
Conc: 17.63 ug/ml

Instrument :
FID_D
ClientSampleId :



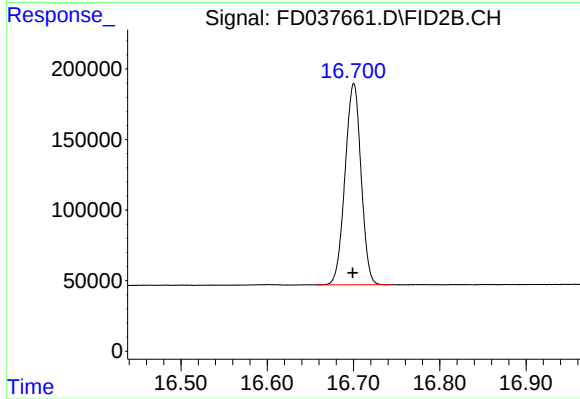
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.001 min
Response: 1879385
Conc: 17.34 ug/ml



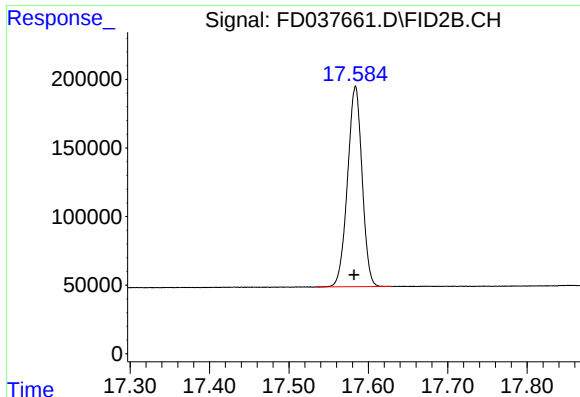
#15 n-Hexacosane (C26)

R.T.: 15.755 min
Delta R.T.: 0.000 min
Response: 1841128
Conc: 17.28 ug/ml



#16 n-Octacosane (C28)

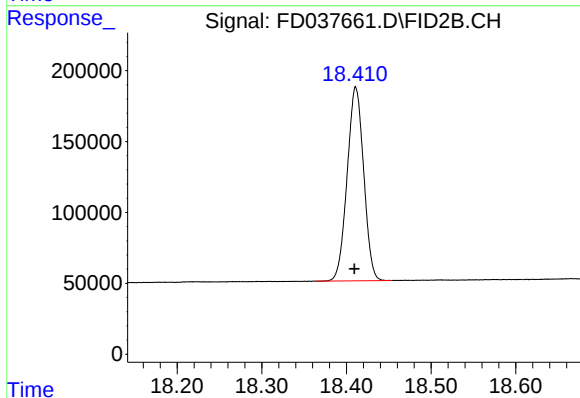
R.T.: 16.700 min
Delta R.T.: 0.001 min
Response: 1841314
Conc: 17.38 ug/ml



#17 n-Tricontane (C30)

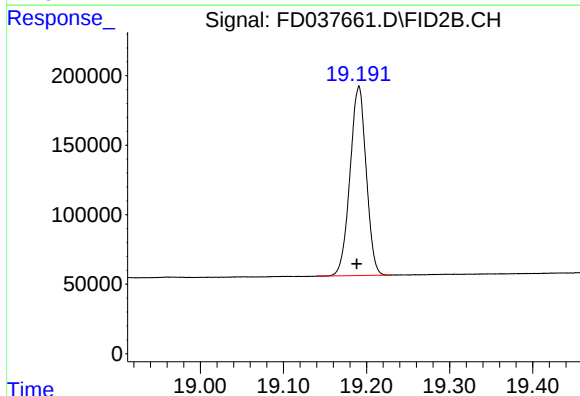
R.T.: 17.584 min
Delta R.T.: 0.002 min
Response: 1863723
Conc: 17.70 ug/ml

Instrument :
FID_D
ClientSampleId :



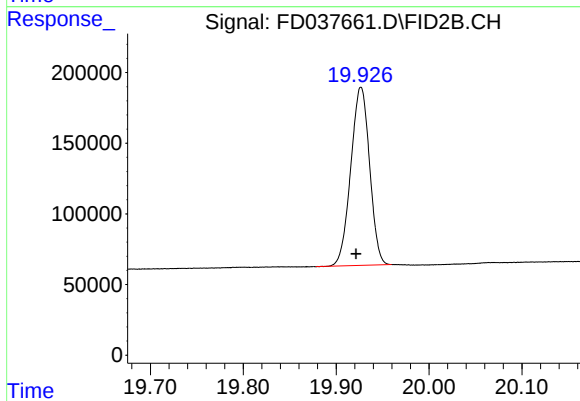
#18 n-Dotriacontane (C32)

R.T.: 18.411 min
Delta R.T.: 0.001 min
Response: 1853980
Conc: 17.80 ug/ml



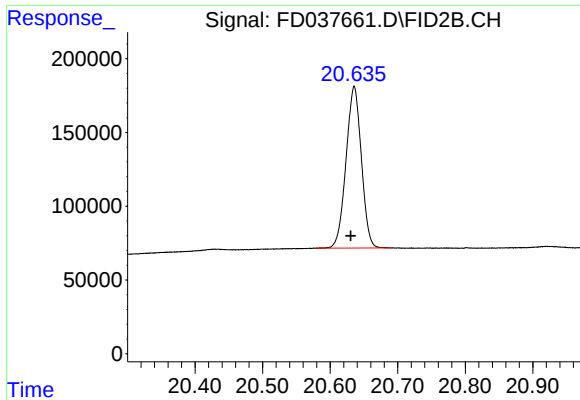
#19 n-Tetratriacontane (C34)

R.T.: 19.191 min
Delta R.T.: 0.003 min
Response: 1844628
Conc: 18.15 ug/ml



#20 n-Hexatriacontane (C36)

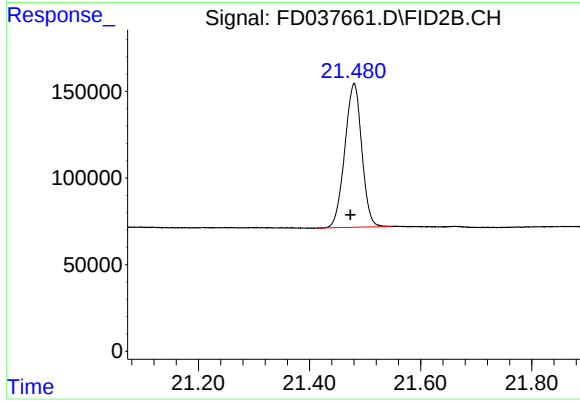
R.T.: 19.927 min
Delta R.T.: 0.005 min
Response: 1774248
Conc: 18.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.636 min
Delta R.T.: 0.005 min
Response: 1728599
Conc: 18.80 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.480 min
Delta R.T.: 0.007 min
Response: 1759342
Conc: 18.27 ug/ml