

Data Path : P:\HPCHEM1\FID D\Data\FD051618AL\
 Data File : FD023705.D
 Signal(s) : FID2B.CH
 Acq On : 16 May 2018 15:53
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 16 18:24:14 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 051518.M
 Quant Title : GC Extractables
 QLast Update : Wed May 16 11:11:38 2018
 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)	11.528	1962742	18.581 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
12) S 1-chlorooctadecane (S...	12.966	1570242	18.701 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
Target Compounds			
1) T n-Nonane (C9)	3.290	1950345	18.925 ug/ml
2) T n-Decane (C10)	4.364	1946404	18.991 ug/ml
3) T A-Naphthalene (C11.7)	5.947	2091323	18.723 ug/ml
4) T n-Dodecane (C12)	6.386	1916313	18.947 ug/ml
5) T A-2-methylnaphthalene...	7.002	2072950	18.679 ug/ml
6) T n-Tetradecane (C14)	8.178	1894747	18.881 ug/ml
7) T n-Hexadecane (C16)	9.776	1865546	18.771 ug/ml
8) T n-Octadecane (C18)	11.216	1822544	18.727 ug/ml
10) T n-Eicosane (C20)	12.524	1863505	18.740 ug/ml
11) T n-Heneicosane (C21)	13.135	1864185	18.727 ug/ml
13) T n-Docosane (C22)	13.720	1880724	18.734 ug/ml
14) T n-Tetracosane (C24)	14.821	1901230	18.854 ug/ml
15) T n-Hexacosane (C26)	15.842	1899495	18.865 ug/ml
16) T n-Octacosane (C28)	16.791	1927341	18.879 ug/ml
17) T n-Tricontane (C30)	17.676	1870008	18.875 ug/ml
18) T n-Dotriacontane (C32)	18.508	1785249	19.089 ug/ml
19) T n-Tetratriacontane (C34)	19.290	1535193	19.605 ug/ml
20) T n-Hexatriacontane (C36)	20.029	1130052	21.229 ug/ml
21) T n-Octatriacontane (C38)	20.756	796966	22.922 ug/ml
22) T n-Tetracontane (C40)	21.641	491514	19.990 ug/ml

(f)=RT Delta > 1/2 Window

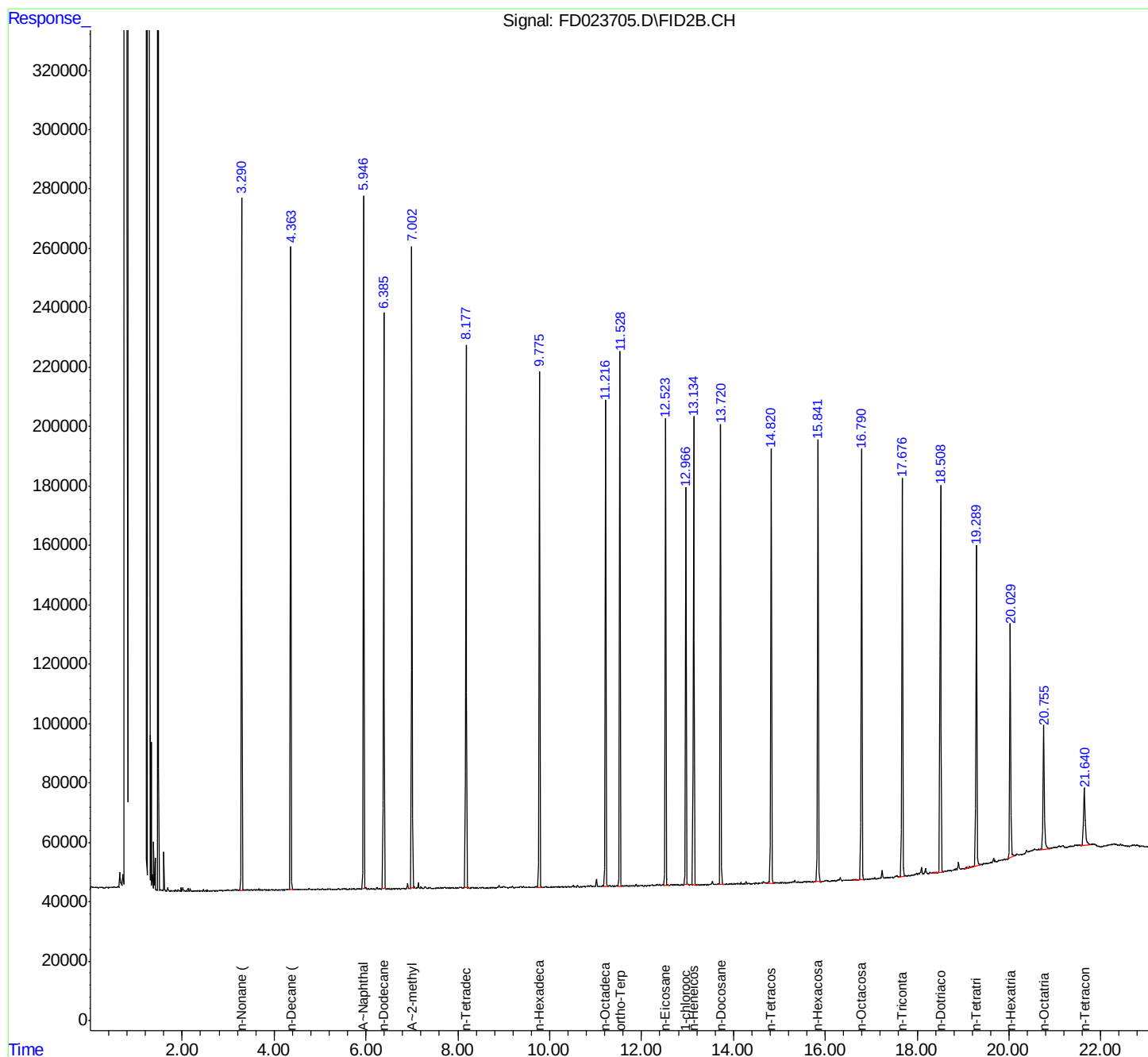
(m)=manual int.

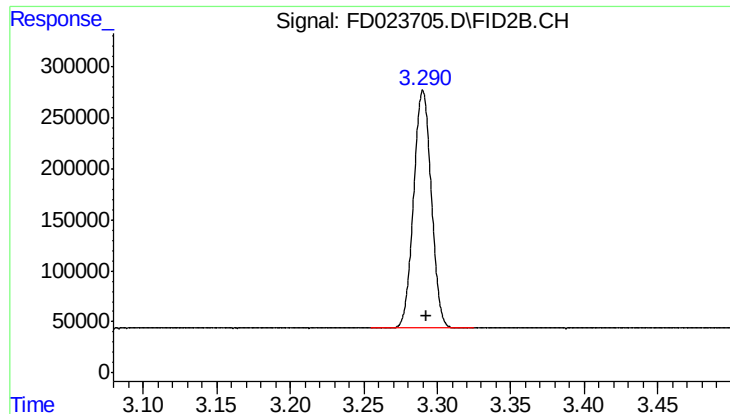
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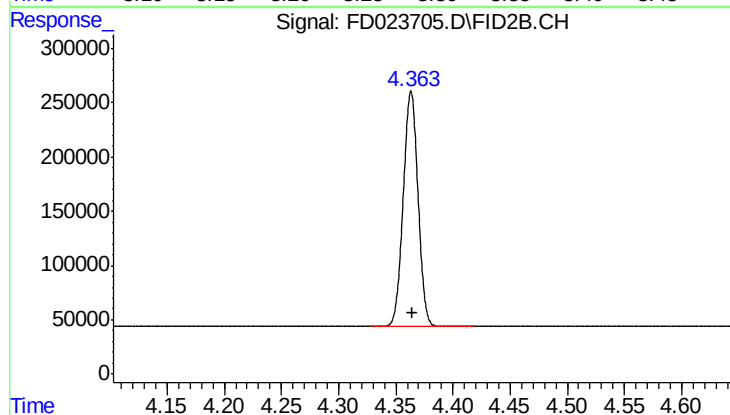




#1 n-Nonane (C9)

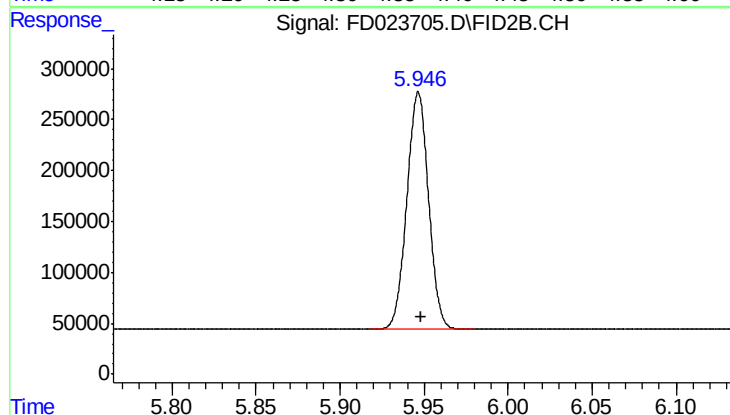
R.T.: 3.290 min
Delta R.T.: -0.002 min
Response: 1950345
Conc: 18.93 ug/ml

Instrument :
FID_D
ClientSampleId :



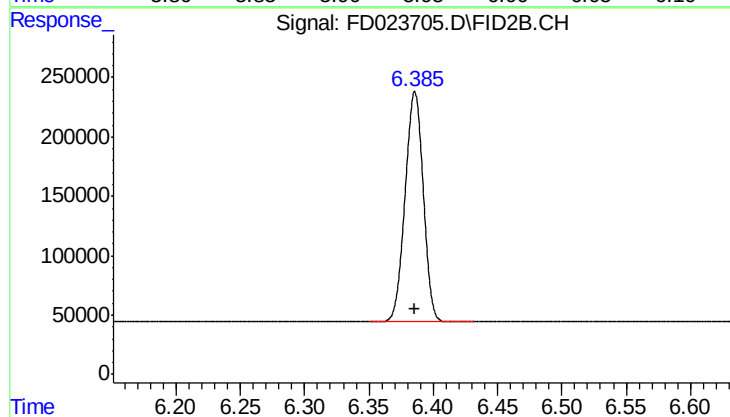
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.001 min
Response: 1946404
Conc: 18.99 ug/ml



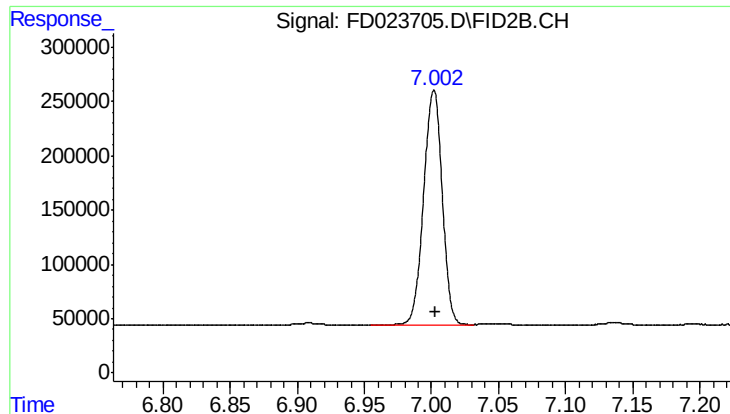
#3 A-Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.001 min
Response: 2091323
Conc: 18.72 ug/ml



#4 n-Dodecane (C12)

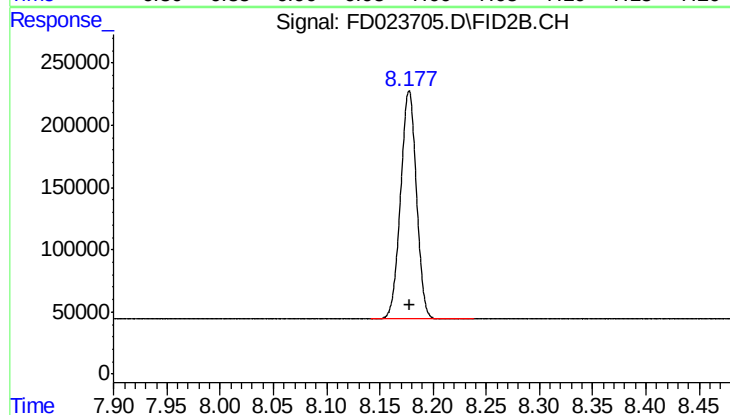
R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 1916313
Conc: 18.95 ug/ml



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

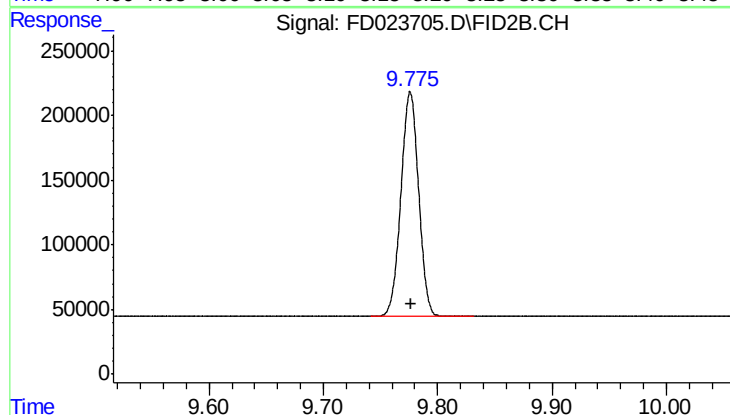
R.T.: 7.002 min
Delta R.T.: -0.001 min
Response: 2072950
Conc: 18.68 ug/ml

Instrument :
FID_D
ClientSampleId :



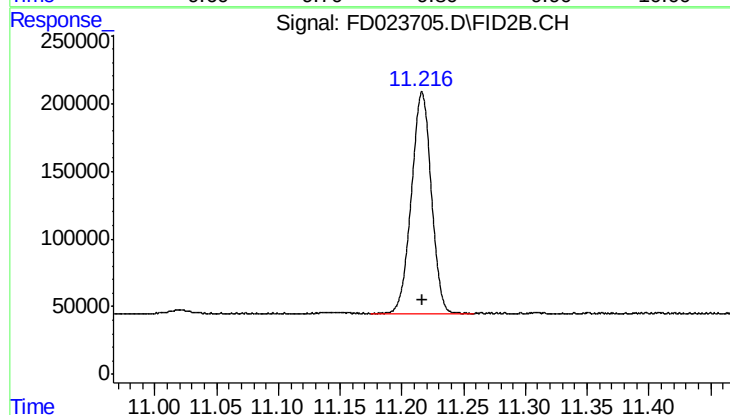
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 1894747
Conc: 18.88 ug/ml



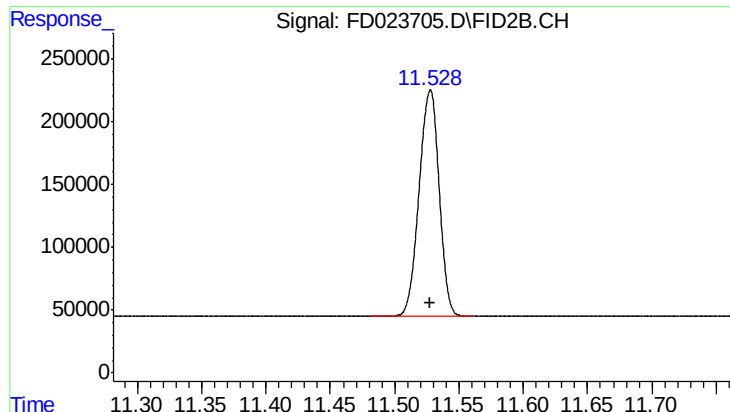
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 1865546
Conc: 18.77 ug/ml



#8 n-Octadecane (C18)

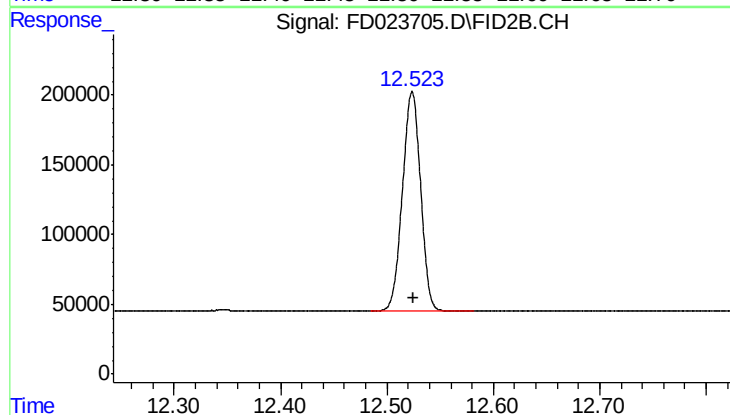
R.T.: 11.216 min
Delta R.T.: 0.000 min
Response: 1822544
Conc: 18.73 ug/ml



#9 ortho-Terphenyl (SURR)

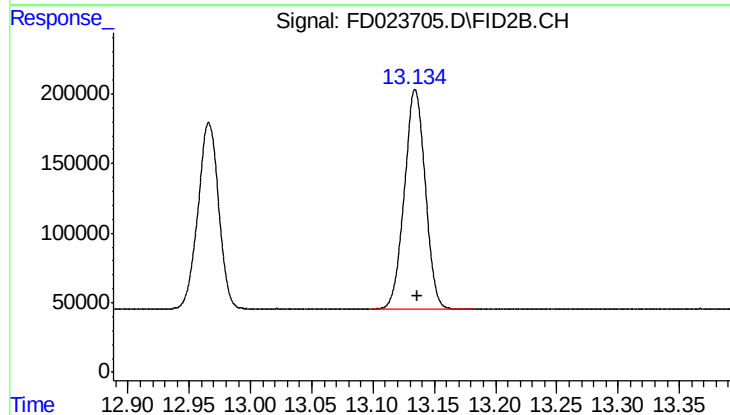
R.T.: 11.528 min
Delta R.T.: 0.000 min
Response: 1962742
Conc: 18.58 ug/ml

Instrument :
FID_D
ClientSampleId :



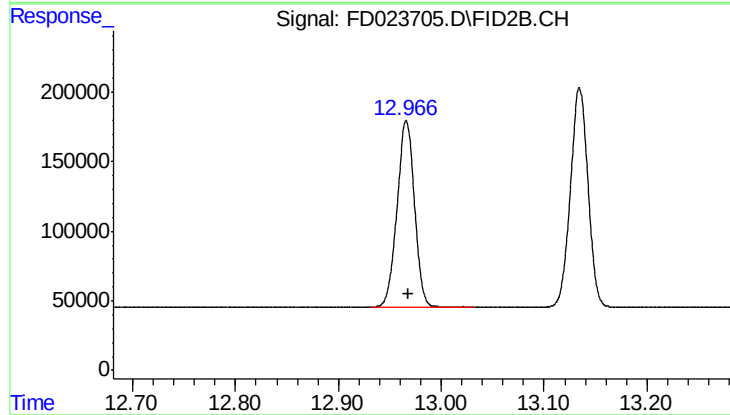
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.001 min
Response: 1863505
Conc: 18.74 ug/ml



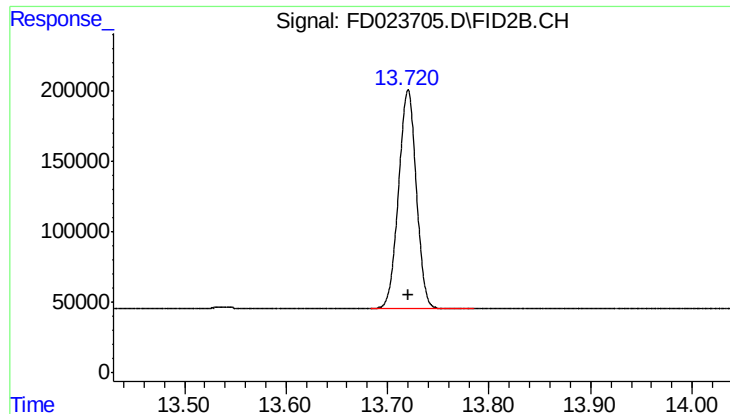
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: -0.001 min
Response: 1864185
Conc: 18.73 ug/ml



#12 1-chlorooctadecane (SURR)

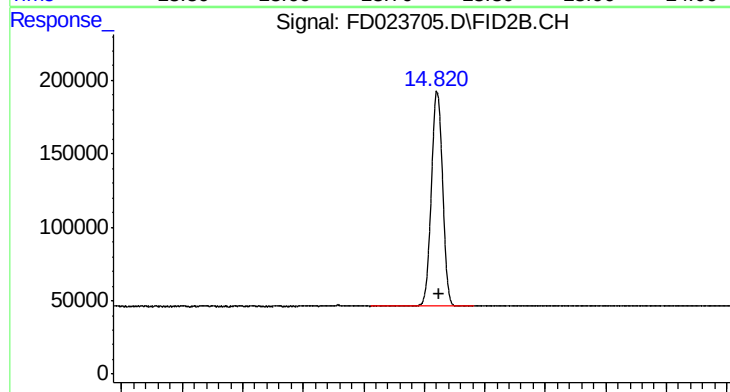
R.T.: 12.966 min
Delta R.T.: -0.002 min
Response: 1570242
Conc: 18.70 ug/ml



#13 n-Docosane (C22)

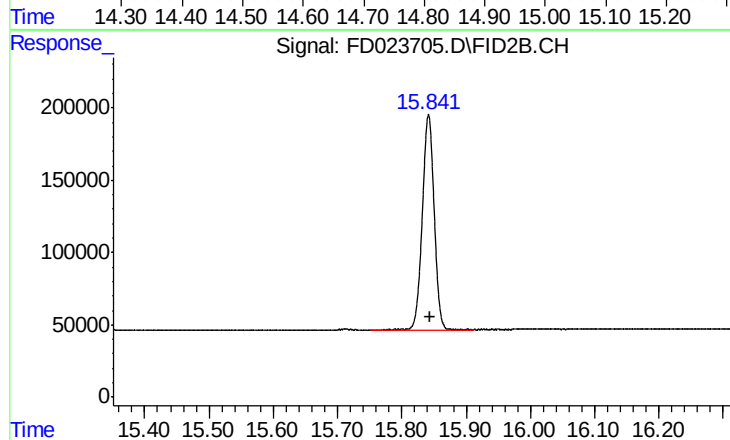
R.T.: 13.720 min
Delta R.T.: 0.000 min
Response: 1880724
Conc: 18.73 ug/ml

Instrument :
FID_D
ClientSampleId :



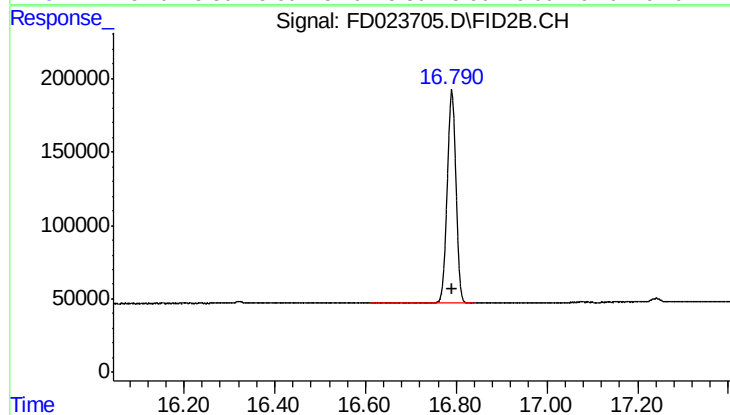
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.002 min
Response: 1901230
Conc: 18.85 ug/ml



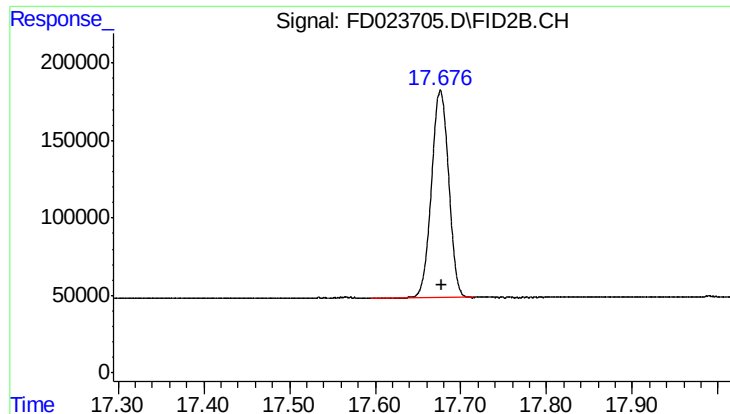
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: -0.002 min
Response: 1899495
Conc: 18.87 ug/ml



#16 n-Octacosane (C28)

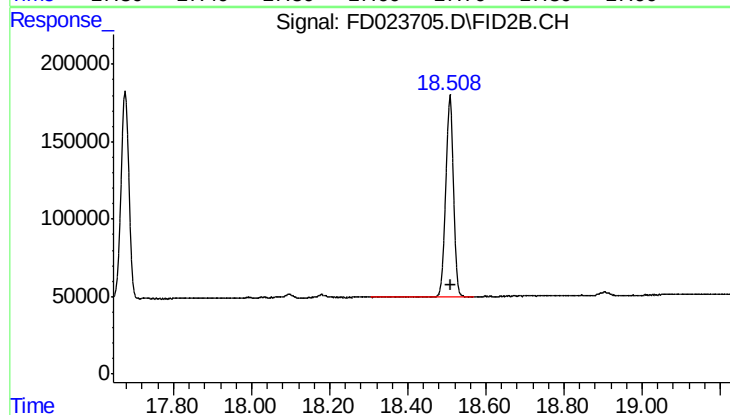
R.T.: 16.791 min
Delta R.T.: 0.000 min
Response: 1927341
Conc: 18.88 ug/ml



#17 n-Tricontane (C30)

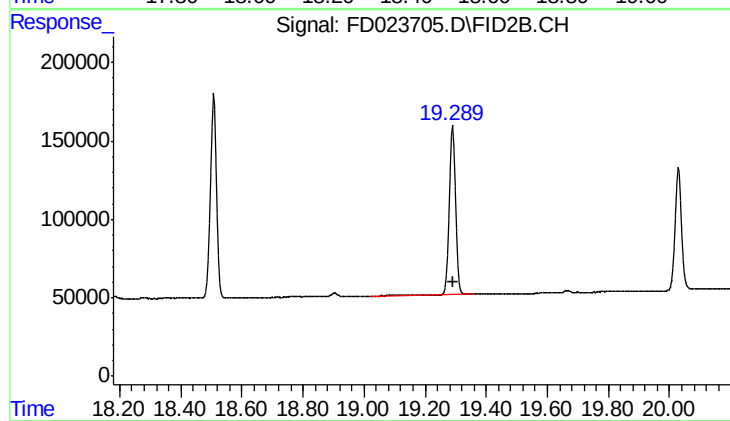
R.T.: 17.676 min
Delta R.T.: 0.000 min
Response: 1870008
Conc: 18.87 ug/ml

Instrument :
FID_D
ClientSampleId :



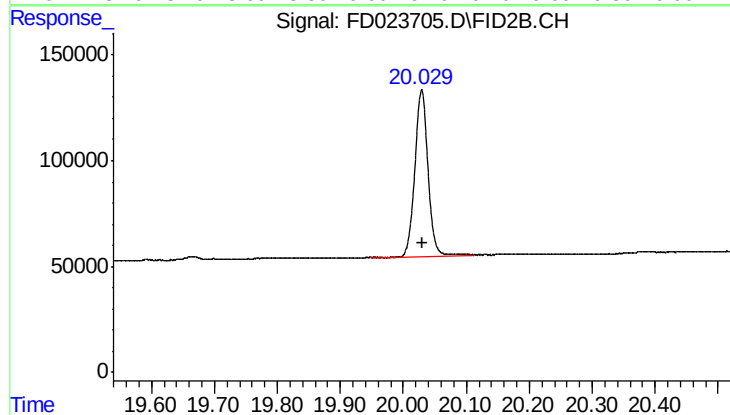
#18 n-Dotriacontane (C32)

R.T.: 18.508 min
Delta R.T.: 0.000 min
Response: 1785249
Conc: 19.09 ug/ml



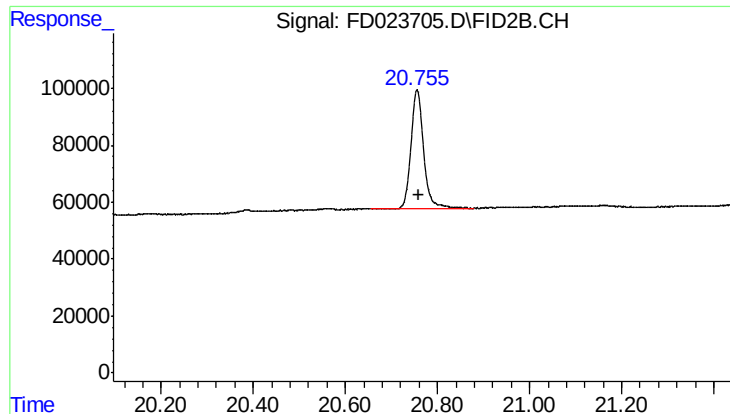
#19 n-Tetratriacontane (C34)

R.T.: 19.290 min
Delta R.T.: -0.003 min
Response: 1535193
Conc: 19.61 ug/ml



#20 n-Hexatriacontane (C36)

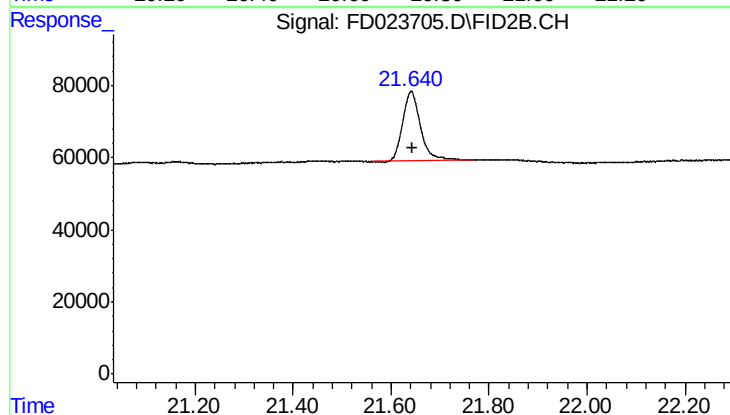
R.T.: 20.029 min
Delta R.T.: -0.002 min
Response: 1130052
Conc: 21.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: -0.004 min
Response: 796966
Conc: 22.92 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.641 min
Delta R.T.: -0.002 min
Response: 491514
Conc: 19.99 ug/ml