

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041421AL\
 Data File : FD036902.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2021 13:39
 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: Apr 15 01:12:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.486	2512613	16.957 ug/ml
Spiked Amount 50.000		Recovery =	33.91%
12) S 1-chlorooctadecane (S...	12.919	1925642	16.546 ug/ml
Spiked Amount 50.000		Recovery =	33.09%
Target Compounds			
1) T n-Nonane (C9)	3.287	2510378	19.749 ug/ml
2) T n-Decane (C10)	4.347	2548678	19.780 ug/ml
3) T A~Naphthalene (C11.7)	5.921	2835017	19.417 ug/ml
4) T n-Dodecane (C12)	6.357	2610301	19.691 ug/ml
5) T A~2-methylnaphthalene...	6.974	2858214	19.090 ug/ml
6) T n-Tetradecane (C14)	8.145	2581283	18.991 ug/ml
7) T n-Hexadecane (C16)	9.739	2474117	18.578 ug/ml
8) T n-Octadecane (C18)	11.175	2471633	17.843 ug/ml
10) T n-Eicosane (C20)	12.478	2355761	17.042 ug/ml
11) T n-Heneicosane (C21)	13.087	2288916	16.626 ug/ml
13) T n-Docosane (C22)	13.670	2220473	16.324 ug/ml
14) T n-Tetracosane (C24)	14.767	2109412	15.911 ug/ml
15) T n-Hexacosane (C26)	15.782	1999075	15.788 ug/ml
16) T n-Octacosane (C28)	16.727	1947715	16.150 ug/ml
17) T n-Tricontane (C30)	17.608	1923351	16.743 ug/ml
18) T n-Dotriacontane (C32)	18.436	1901603	17.289 ug/ml
19) T n-Tetratriacontane (C34)	19.216	1896764	18.468 ug/ml
20) T n-Hexatriacontane (C36)	19.950	1863901	19.077 ug/ml
21) T n-Octatriacontane (C38)	20.660	1812273	19.601 ug/ml
22) T n-Tetracontane (C40)	21.509	1886516	18.704 ug/ml

(f)=RT Delta > 1/2 Window

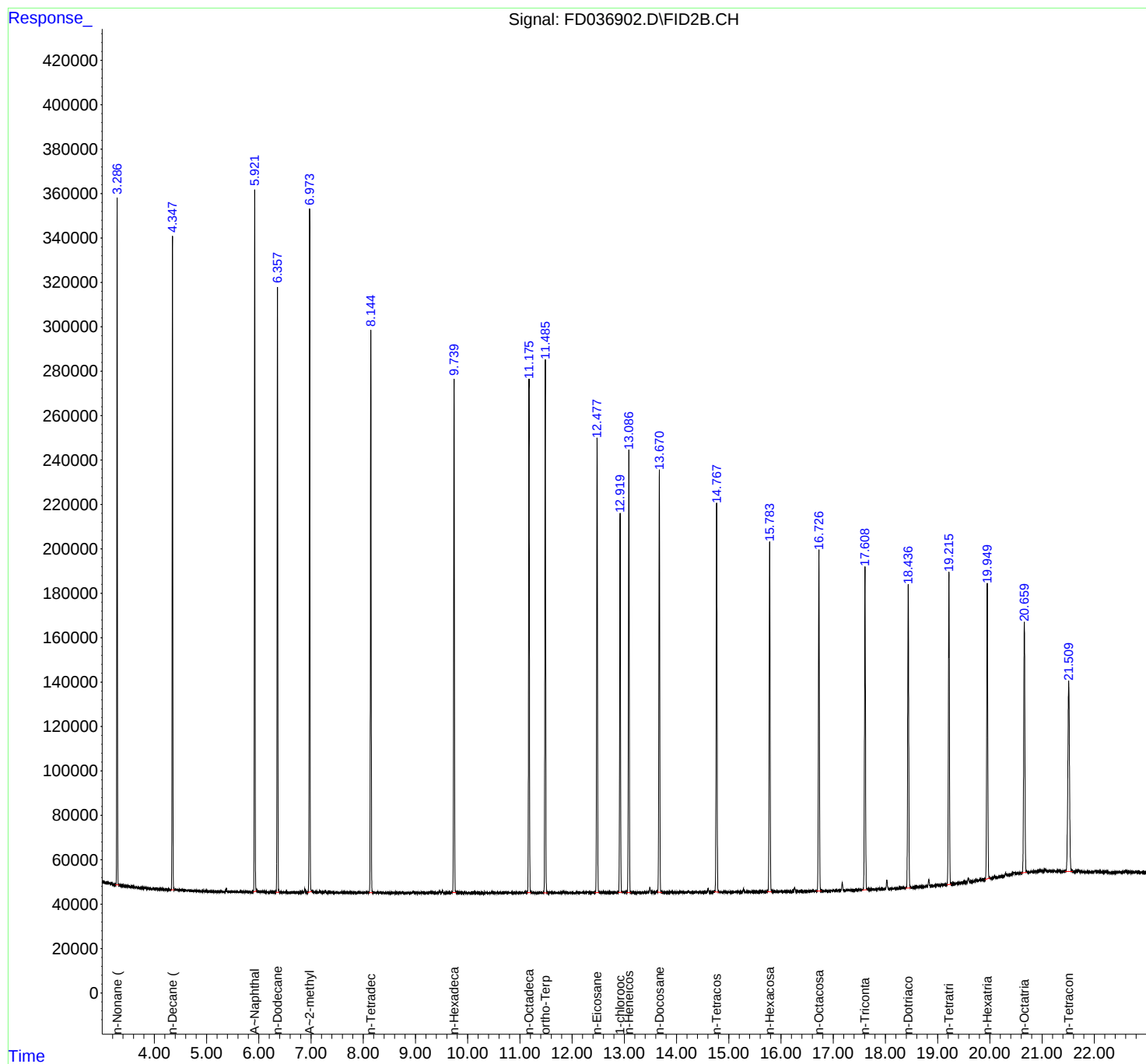
(m)=manual int.

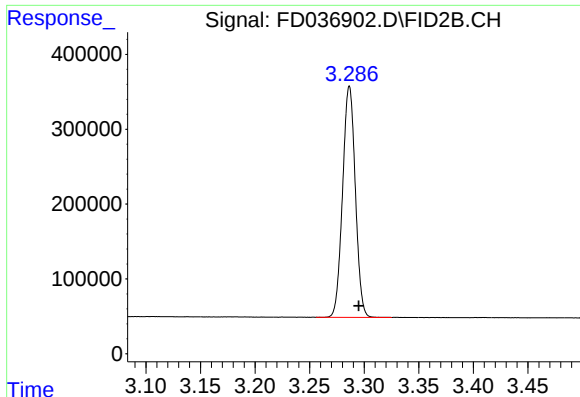
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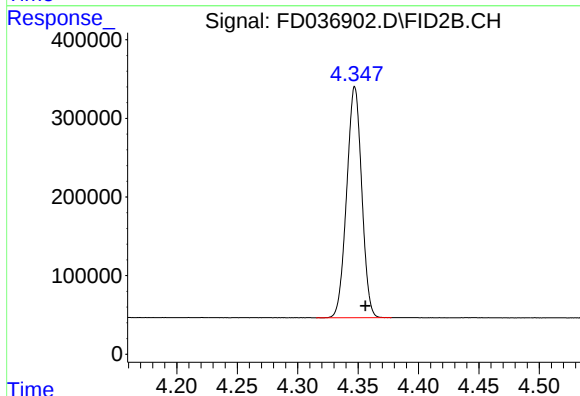




#1 n-Nonane (C9)

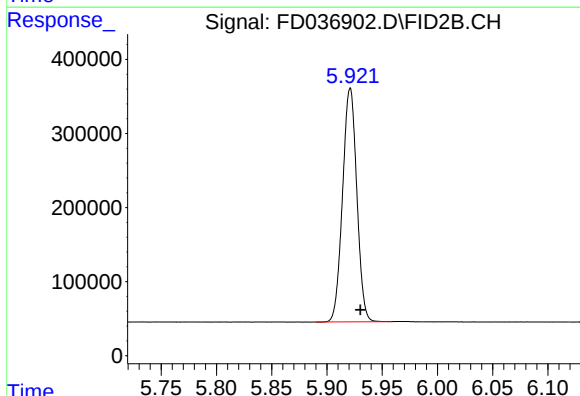
R.T.: 3.287 min
Delta R.T.: -0.008 min
Response: 2510378
Conc: 19.75 ug/ml

Instrument :
FID_D
ClientSampleId :



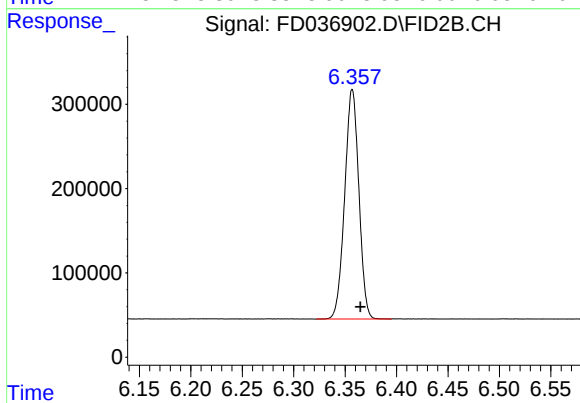
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: -0.009 min
Response: 2548678
Conc: 19.78 ug/ml



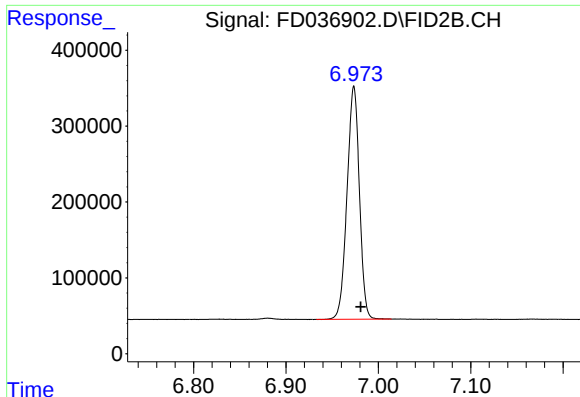
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: -0.009 min
Response: 2835017
Conc: 19.42 ug/ml



#4 n-Dodecane (C12)

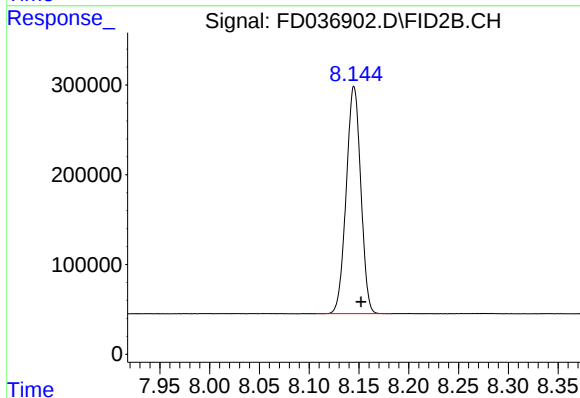
R.T.: 6.357 min
Delta R.T.: -0.008 min
Response: 2610301
Conc: 19.69 ug/ml



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

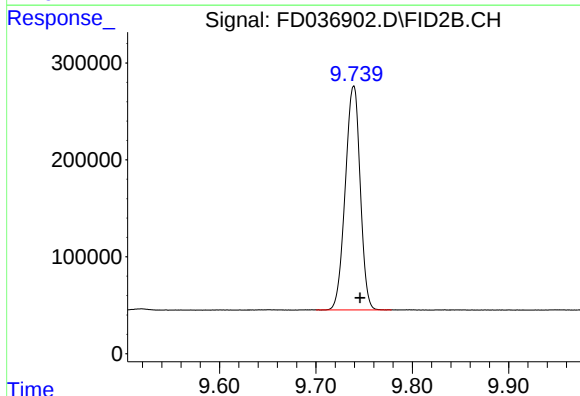
R.T.: 6.974 min
Delta R.T.: -0.007 min
Response: 2858214
Conc: 19.09 ug/ml

Instrument :
FID_D
ClientSampleId :



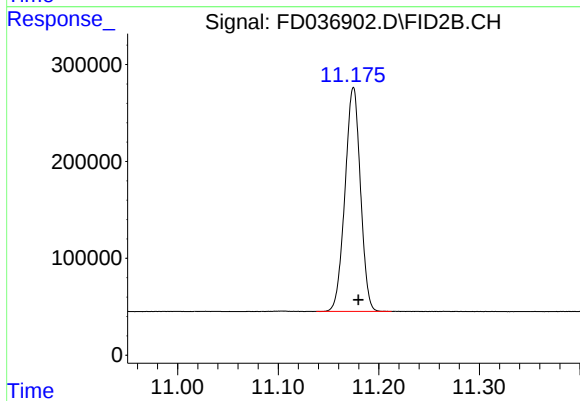
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: -0.007 min
Response: 2581283
Conc: 18.99 ug/ml



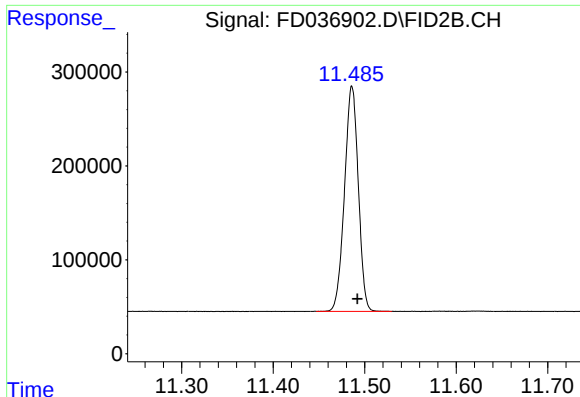
#7 n-Hexadecane (C16)

R.T.: 9.739 min
Delta R.T.: -0.006 min
Response: 2474117
Conc: 18.58 ug/ml



#8 n-Octadecane (C18)

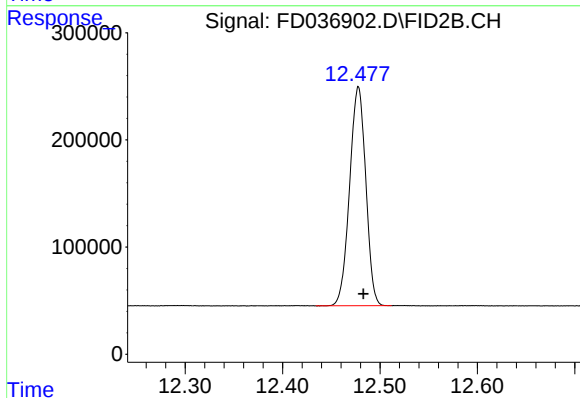
R.T.: 11.175 min
Delta R.T.: -0.005 min
Response: 2471633
Conc: 17.84 ug/ml



#9 ortho-Terphenyl (SURR)

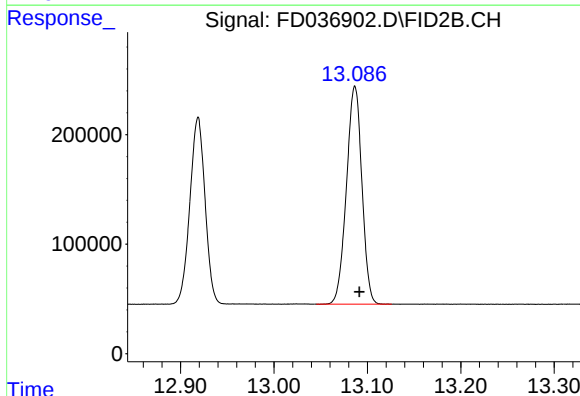
R.T.: 11.486 min
Delta R.T.: -0.006 min
Response: 2512613
Conc: 16.96 ug/ml

Instrument :
FID_D
ClientSampleId :



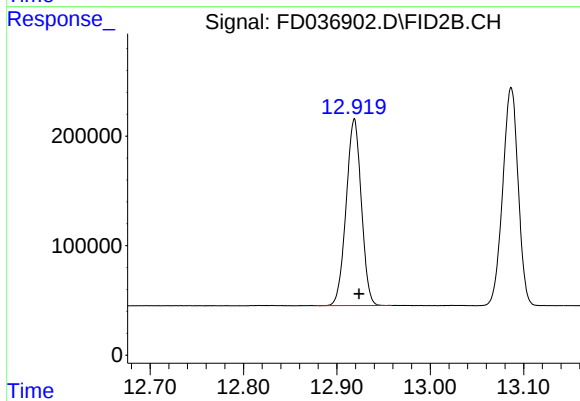
#10 n-Eicosane (C20)

R.T.: 12.478 min
Delta R.T.: -0.005 min
Response: 2355761
Conc: 17.04 ug/ml



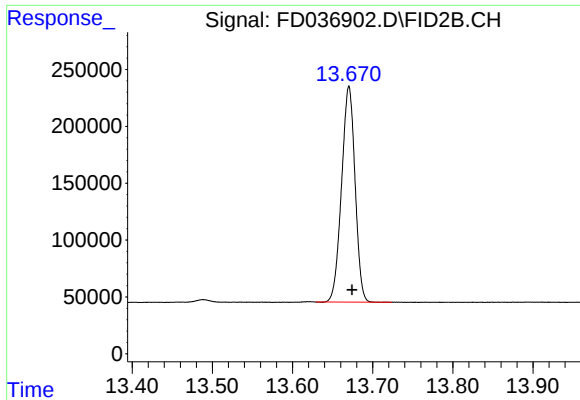
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: -0.005 min
Response: 2288916
Conc: 16.63 ug/ml



#12 1-chlorooctadecane (SURR)

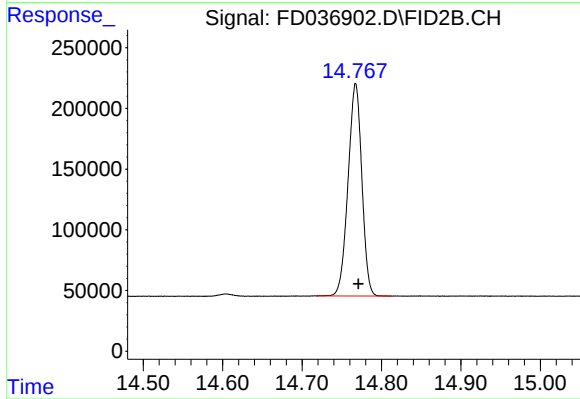
R.T.: 12.919 min
Delta R.T.: -0.005 min
Response: 1925642
Conc: 16.55 ug/ml



#13 n-Docosane (C22)

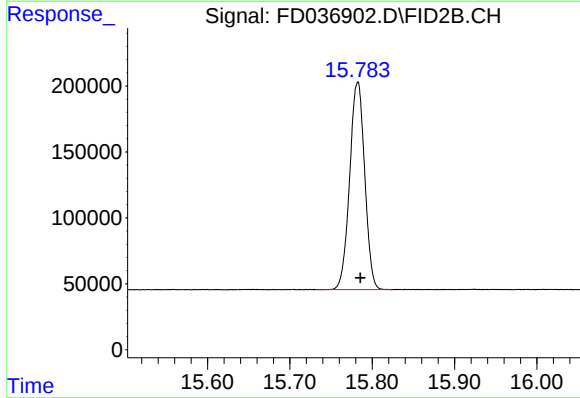
R.T.: 13.670 min
Delta R.T.: -0.004 min
Response: 2220473
Conc: 16.32 ug/ml

Instrument :
FID_D
ClientSampleId :



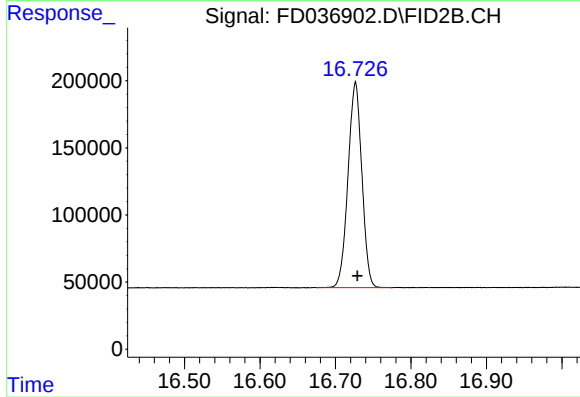
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: -0.003 min
Response: 2109412
Conc: 15.91 ug/ml



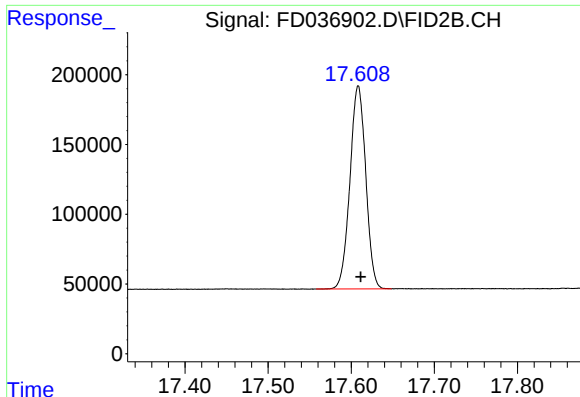
#15 n-Hexacosane (C26)

R.T.: 15.782 min
Delta R.T.: -0.003 min
Response: 1999075
Conc: 15.79 ug/ml



#16 n-Octacosane (C28)

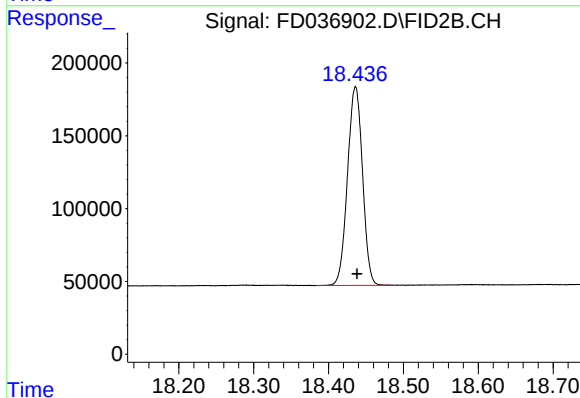
R.T.: 16.727 min
Delta R.T.: -0.003 min
Response: 1947715
Conc: 16.15 ug/ml



#17 n-Tricontane (C30)

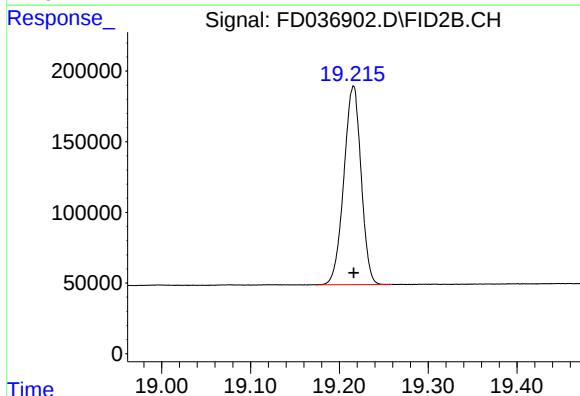
R.T.: 17.608 min
Delta R.T.: -0.003 min
Response: 1923351
Conc: 16.74 ug/ml

Instrument :
FID_D
ClientSampleId :



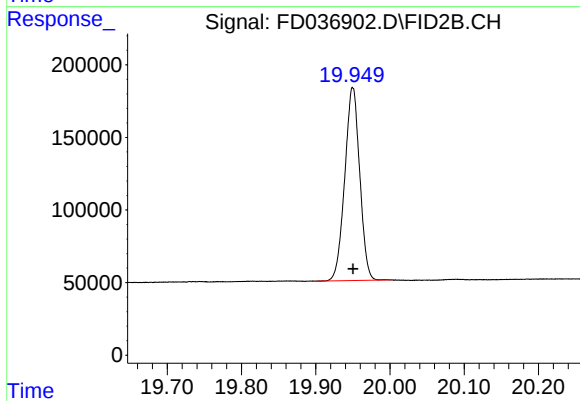
#18 n-Dotriacontane (C32)

R.T.: 18.436 min
Delta R.T.: -0.002 min
Response: 1901603
Conc: 17.29 ug/ml



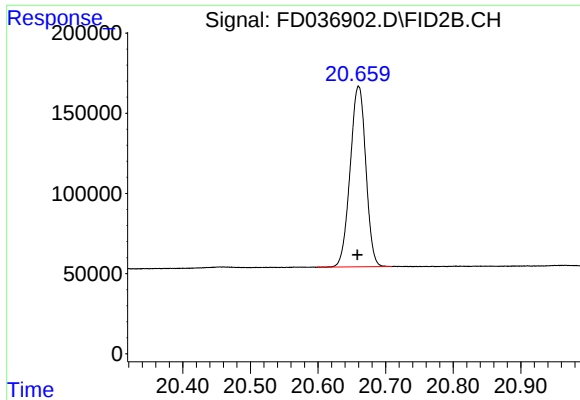
#19 n-Tetratriacontane (C34)

R.T.: 19.216 min
Delta R.T.: 0.000 min
Response: 1896764
Conc: 18.47 ug/ml



#20 n-Hexatriacontane (C36)

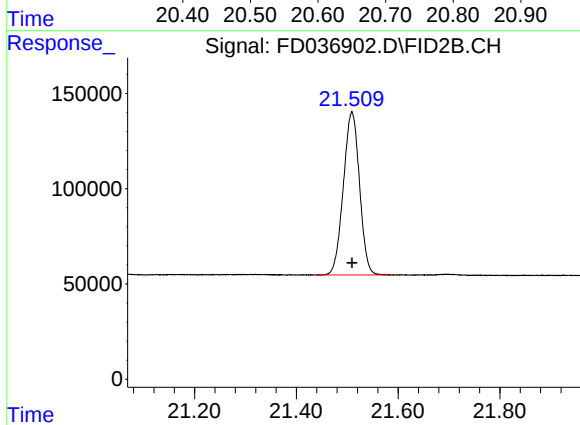
R.T.: 19.950 min
Delta R.T.: 0.000 min
Response: 1863901
Conc: 19.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.660 min
Delta R.T.: 0.002 min
Response: 1812273
Conc: 19.60 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.509 min
Delta R.T.: 0.000 min
Response: 1886516
Conc: 18.70 ug/ml