

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092921AL\
 Data File : FD038959.D
 Signal(s) : FID2B.CH
 Acq On : 29 Sep 2021 20:01
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 30 02:16:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.680	2840294	20.012 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
12) S 1-chlorooctadecane (S...	13.106	2252719	20.034 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
Target Compounds			
1) T n-Nonane (C9)	3.442	2510533	19.903 ug/ml
2) T n-Decane (C10)	4.510	2542348	19.920 ug/ml
3) T A~Naphthalene (C11.7)	6.102	2838066	19.930 ug/ml
4) T n-Dodecane (C12)	6.526	2552980	19.935 ug/ml
5) T A~2-methylnaphthalene...	7.157	2856019	19.950 ug/ml
6) T n-Tetradecane (C14)	8.319	2589534	19.956 ug/ml
7) T n-Hexadecane (C16)	9.916	2610190	20.013 ug/ml
8) T n-Octadecane (C18)	11.355	2680391	20.041 ug/ml
10) T n-Eicosane (C20)	12.661	2657859	20.041 ug/ml
11) T n-Heneicosane (C21)	13.271	2682240	20.031 ug/ml
13) T n-Docosane (C22)	13.856	2658983	20.045 ug/ml
14) T n-Tetracosane (C24)	14.954	2650904	20.007 ug/ml
15) T n-Hexacosane (C26)	15.971	2573069	19.990 ug/ml
16) T n-Octacosane (C28)	16.916	2514173	19.939 ug/ml
17) T n-Tricontane (C30)	17.801	2418791	19.831 ug/ml
18) T n-Dotriacontane (C32)	18.630	2287942	19.734 ug/ml
19) T n-Tetratriacontane (C34)	19.410	2152935	19.944 ug/ml
20) T n-Hexatriacontane (C36)	20.145	1963647	20.068 ug/ml
21) T n-Octatriacontane (C38)	20.886	1827337	20.355 ug/ml
22) T n-Tetracontane (C40)	21.815	1781451	20.223 ug/ml

(f)=RT Delta > 1/2 Window

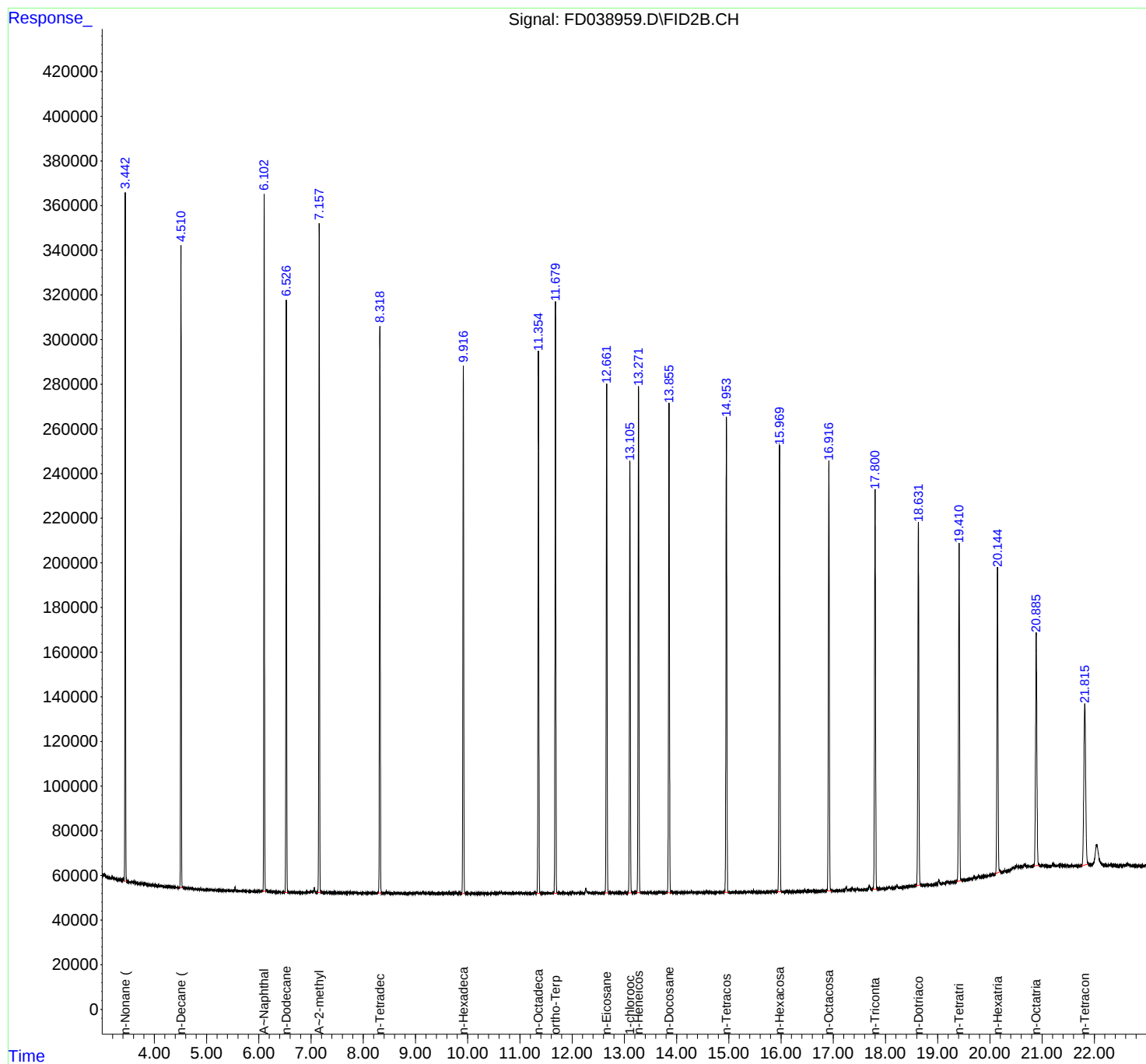
(m)=manual int.

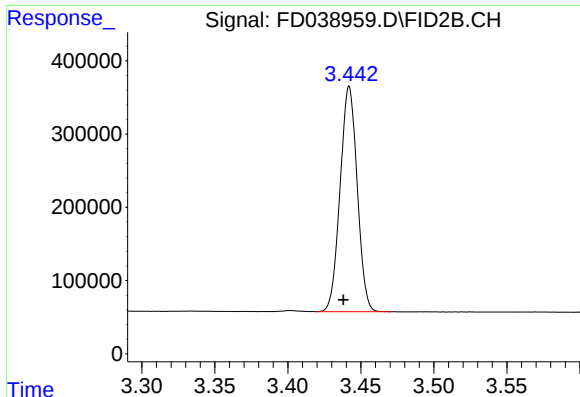
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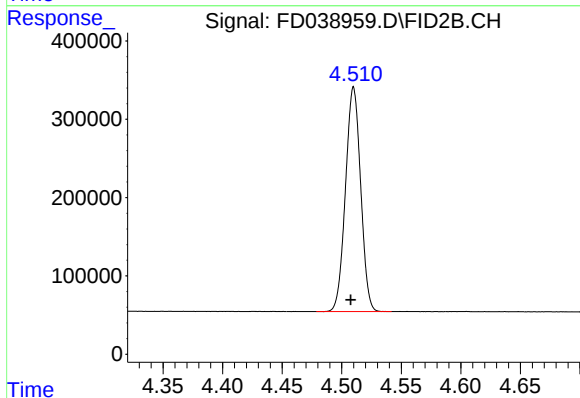




#1 n-Nonane (C9)

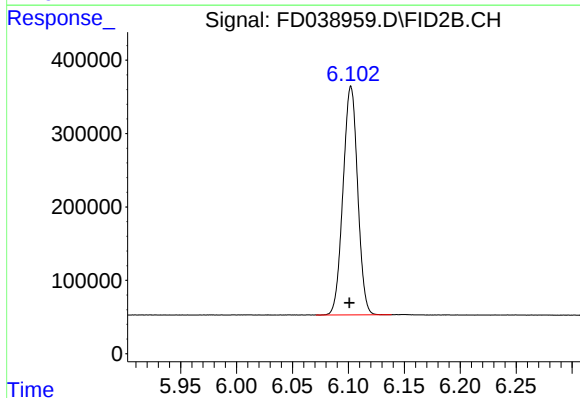
R.T.: 3.442 min
Delta R.T.: 0.004 min
Response: 2510533
Conc: 19.90 ug/ml

Instrument :
FID_D
ClientSampleId :



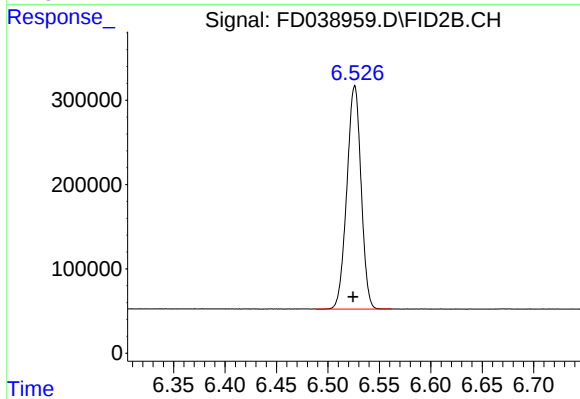
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: 0.002 min
Response: 2542348
Conc: 19.92 ug/ml



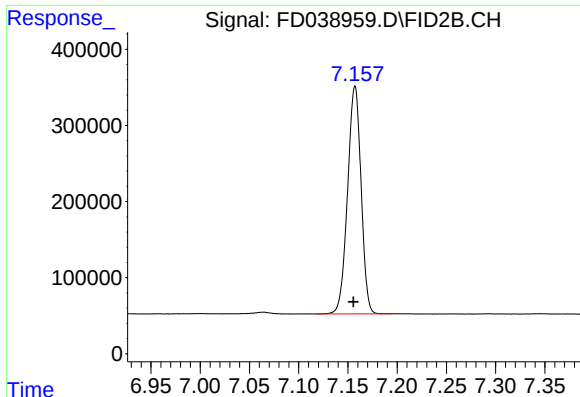
#3 A~Naphthalene (C11.7)

R.T.: 6.102 min
Delta R.T.: 0.002 min
Response: 2838066
Conc: 19.93 ug/ml



#4 n-Dodecane (C12)

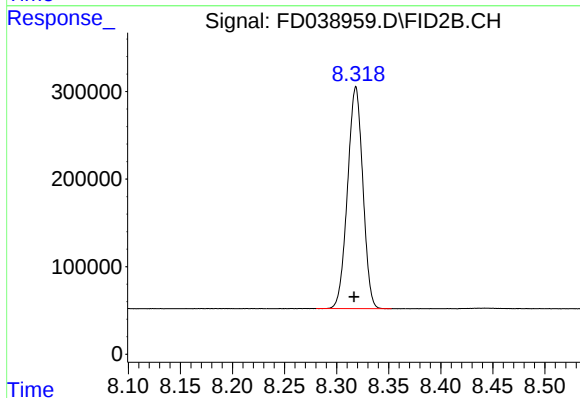
R.T.: 6.526 min
Delta R.T.: 0.002 min
Response: 2552980
Conc: 19.93 ug/ml



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

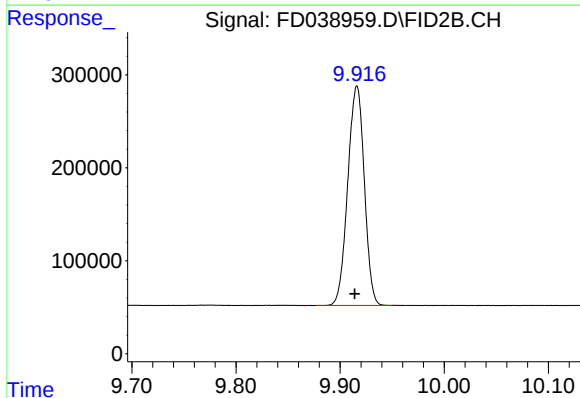
R.T.: 7.157 min
Delta R.T.: 0.002 min
Response: 2856019
Conc: 19.95 ug/ml

Instrument :
FID_D
ClientSampleId :



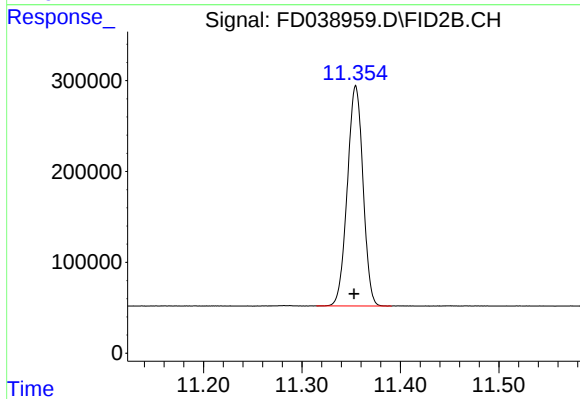
#6 n-Tetradecane (C14)

R.T.: 8.319 min
Delta R.T.: 0.002 min
Response: 2589534
Conc: 19.96 ug/ml



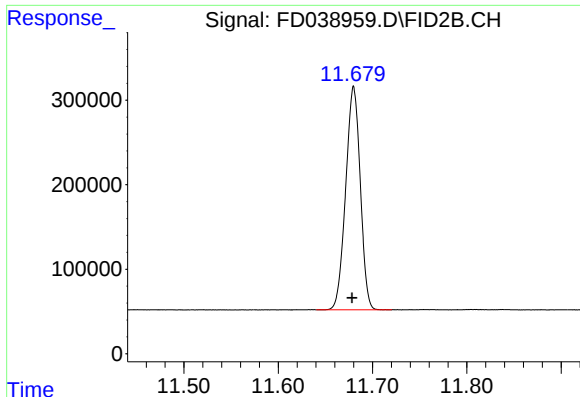
#7 n-Hexadecane (C16)

R.T.: 9.916 min
Delta R.T.: 0.002 min
Response: 2610190
Conc: 20.01 ug/ml



#8 n-Octadecane (C18)

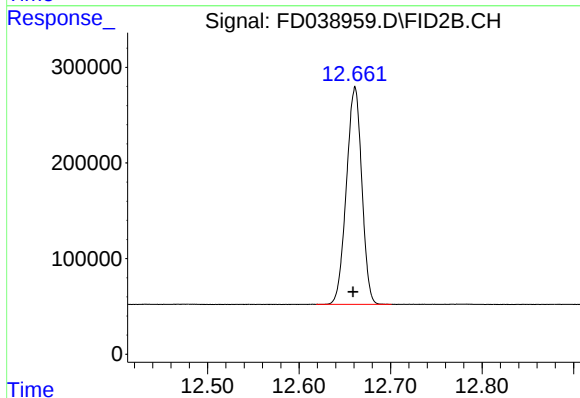
R.T.: 11.355 min
Delta R.T.: 0.002 min
Response: 2680391
Conc: 20.04 ug/ml



#9 ortho-Terphenyl (SURR)

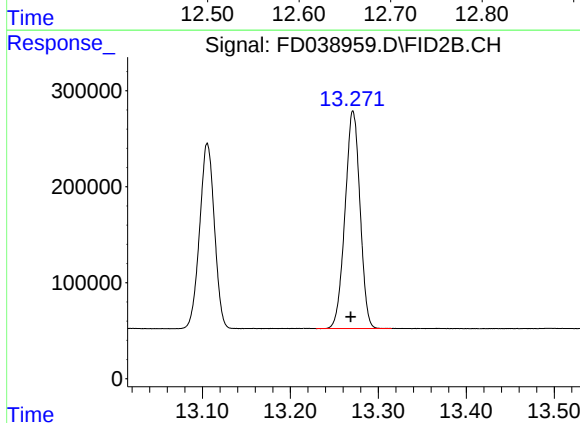
R.T.: 11.680 min
Delta R.T.: 0.002 min
Response: 2840294
Conc: 20.01 ug/ml

Instrument :
FID_D
ClientSampleId :



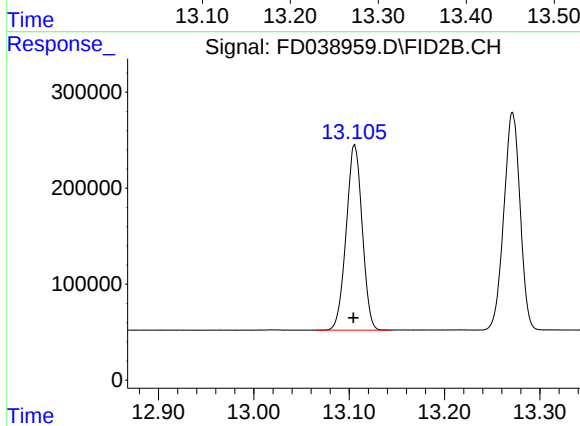
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.002 min
Response: 2657859
Conc: 20.04 ug/ml



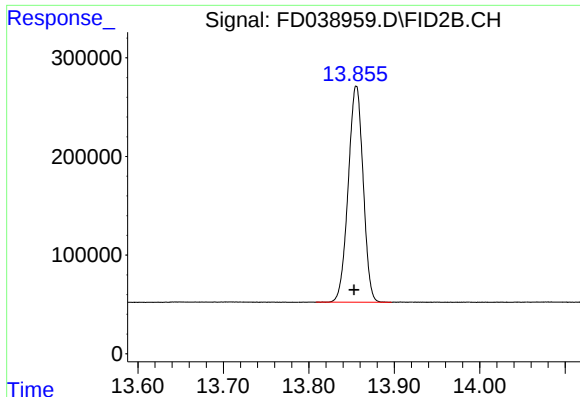
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.003 min
Response: 2682240
Conc: 20.03 ug/ml



#12 1-chlorooctadecane (SURR)

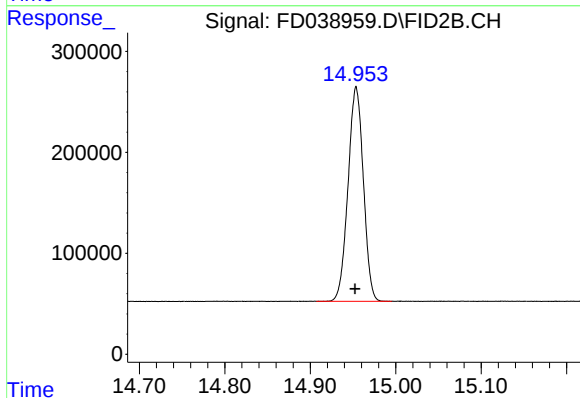
R.T.: 13.106 min
Delta R.T.: 0.001 min
Response: 2252719
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

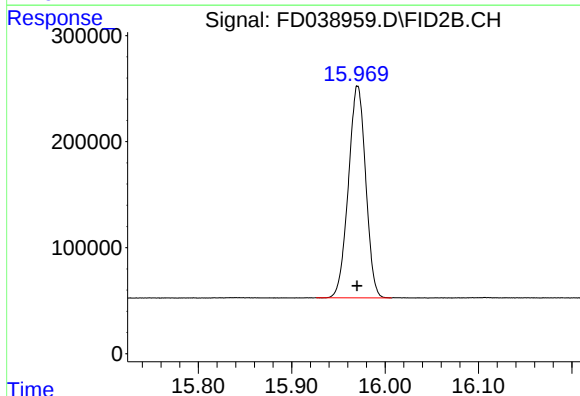
R.T.: 13.856 min
Delta R.T.: 0.002 min
Response: 2658983
Conc: 20.05 ug/ml

Instrument :
FID_D
ClientSampleId :



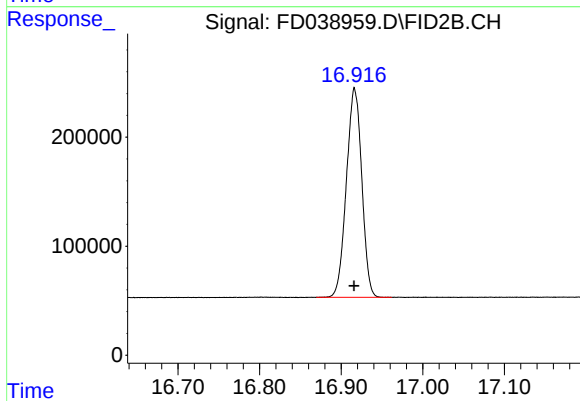
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: 0.001 min
Response: 2650904
Conc: 20.01 ug/ml



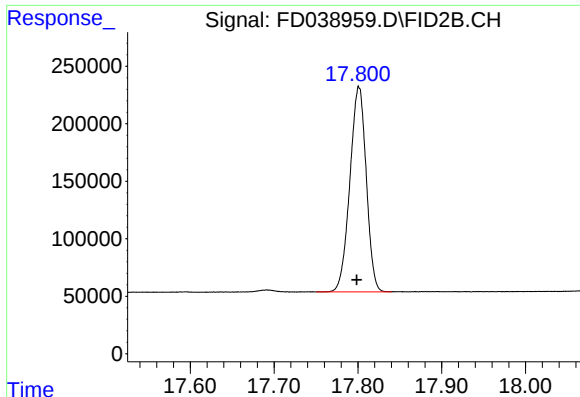
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: 0.000 min
Response: 2573069
Conc: 19.99 ug/ml



#16 n-Octacosane (C28)

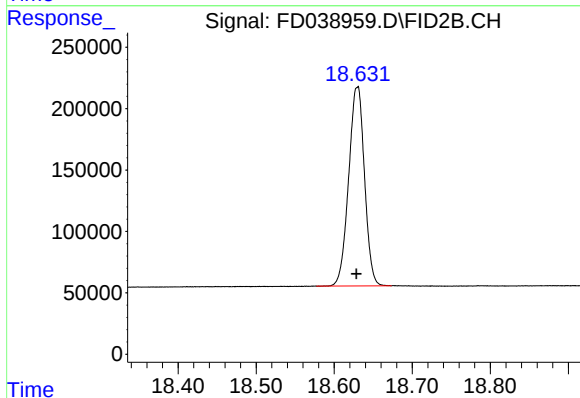
R.T.: 16.916 min
Delta R.T.: 0.000 min
Response: 2514173
Conc: 19.94 ug/ml



#17 n-Tricontane (C30)

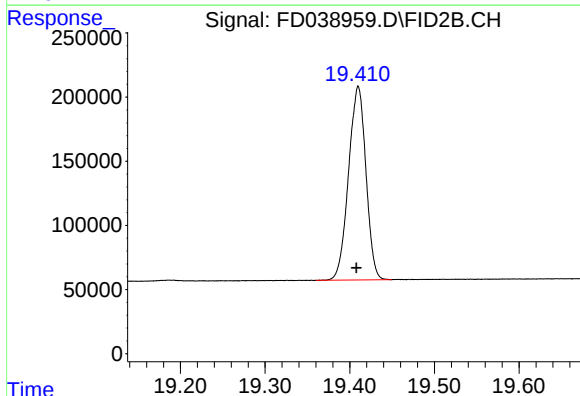
R.T.: 17.801 min
Delta R.T.: 0.003 min
Response: 2418791
Conc: 19.83 ug/ml

Instrument :
FID_D
ClientSampleId :



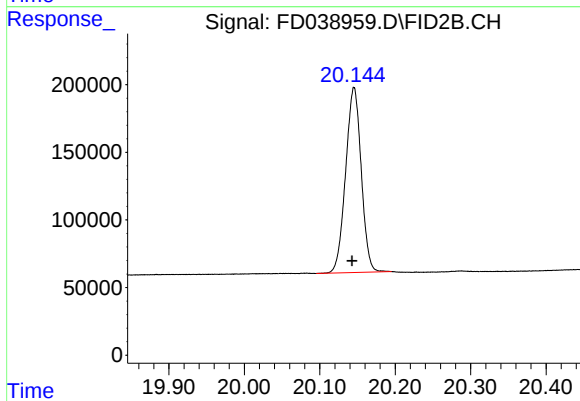
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.001 min
Response: 2287942
Conc: 19.73 ug/ml



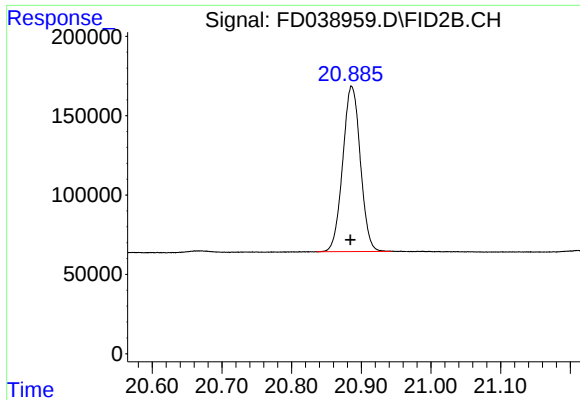
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min
Delta R.T.: 0.002 min
Response: 2152935
Conc: 19.94 ug/ml



#20 n-Hexatriacontane (C36)

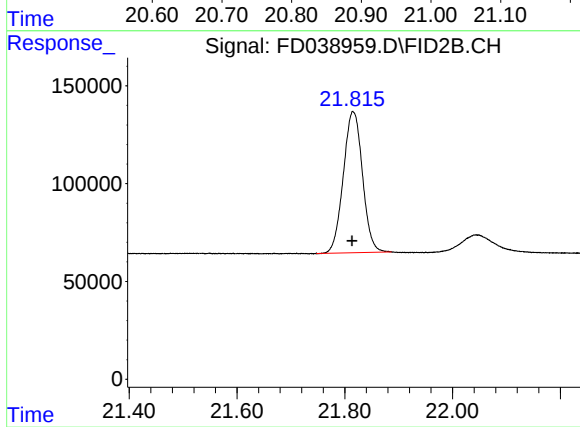
R.T.: 20.145 min
Delta R.T.: 0.003 min
Response: 1963647
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.886 min
Delta R.T.: 0.002 min
Response: 1827337
Conc: 20.35 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.815 min
Delta R.T.: 0.001 min
Response: 1781451
Conc: 20.22 ug/ml