

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061621AL\
 Data File : FD037947.D
 Signal(s) : FID2B.CH
 Acq On : 17 Jun 2021 3:06
 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 17 03:32:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 05:11:15 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)	11.436	2743831	19.334 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
12) S 1-chlorooctadecane (S...	12.871	2108803	18.915 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	3.248	2486130	20.563 ug/ml
2) T n-Decane (C10)	4.305	2521201	20.568 ug/ml
3) T A~Naphthalene (C11.7)	5.875	2787413	20.670 ug/ml
4) T n-Dodecane (C12)	6.311	2563798	20.883 ug/ml
5) T A~2-methylnaphthalene...	6.926	2802625	20.697 ug/ml
6) T n-Tetradecane (C14)	8.097	2614182	20.832 ug/ml
7) T n-Hexadecane (C16)	9.691	2596737	20.289 ug/ml
8) T n-Octadecane (C18)	11.126	2614838	19.788 ug/ml
10) T n-Eicosane (C20)	12.429	2529852	19.168 ug/ml
11) T n-Heneicosane (C21)	13.039	2519736	18.988 ug/ml
13) T n-Docosane (C22)	13.622	2450843	18.693 ug/ml
14) T n-Tetracosane (C24)	14.720	2373009	18.185 ug/ml
15) T n-Hexacosane (C26)	15.736	2234279	17.604 ug/ml
16) T n-Octacosane (C28)	16.682	2141940	17.262 ug/ml
17) T n-Tricontane (C30)	17.565	2069765	17.201 ug/ml
18) T n-Dotriacontane (C32)	18.393	1991448	17.399 ug/ml
19) T n-Tetratriacontane (C34)	19.173	1945641	18.001 ug/ml
20) T n-Hexatriacontane (C36)	19.909	1873531	18.761 ug/ml
21) T n-Octatriacontane (C38)	20.615	1827500	19.895 ug/ml
22) T n-Tetracontane (C40)	21.450	1895435	19.927 ug/ml

(f)=RT Delta > 1/2 Window

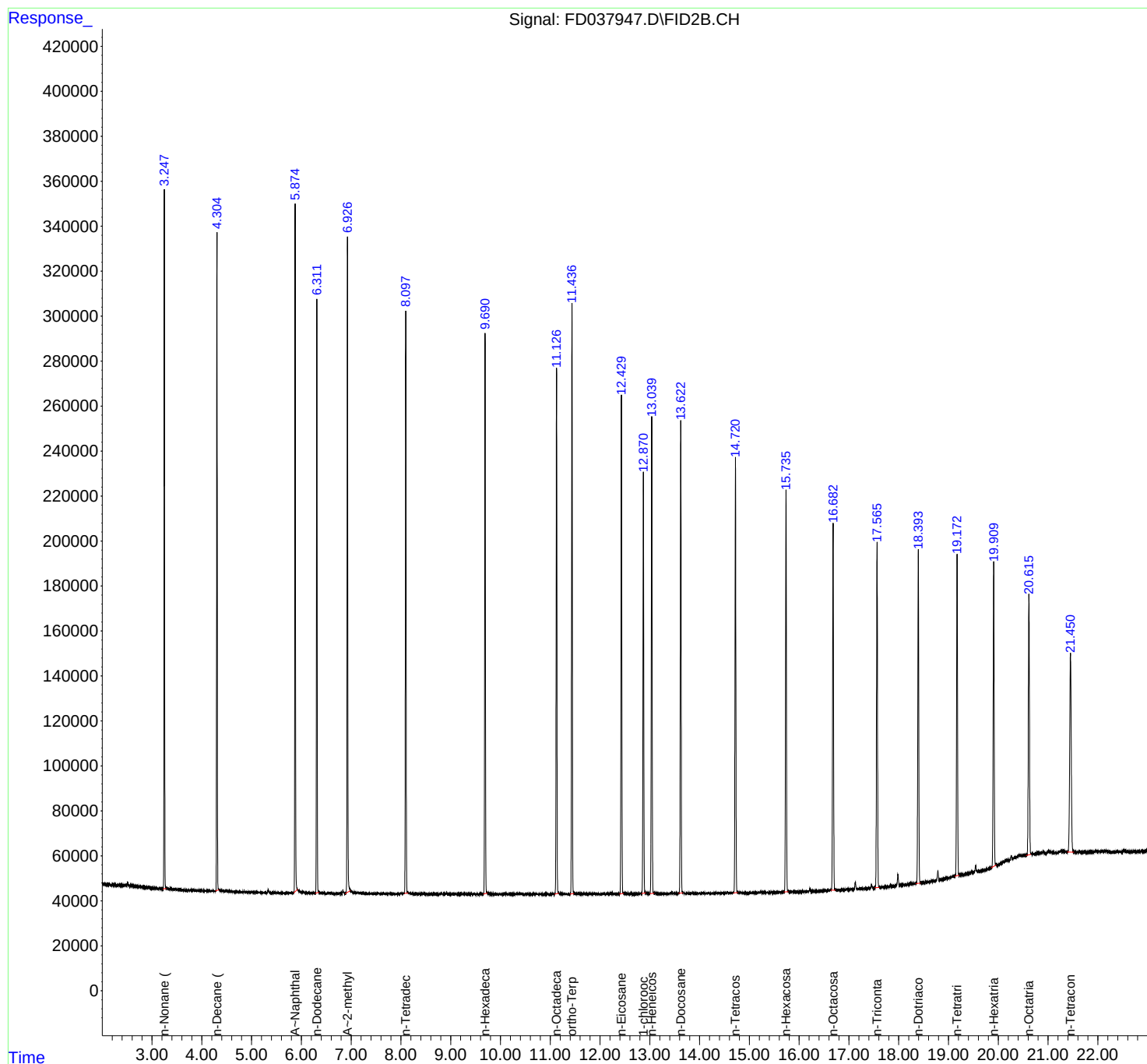
(m)=manual int.

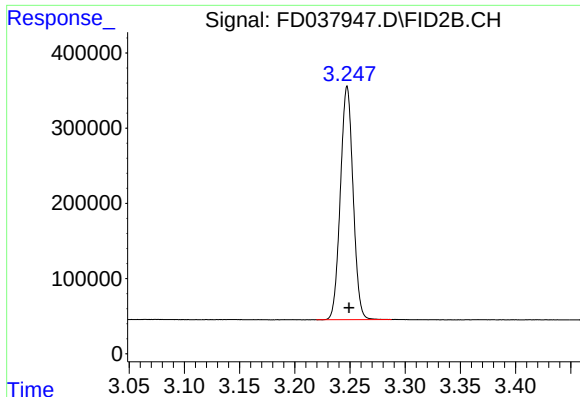
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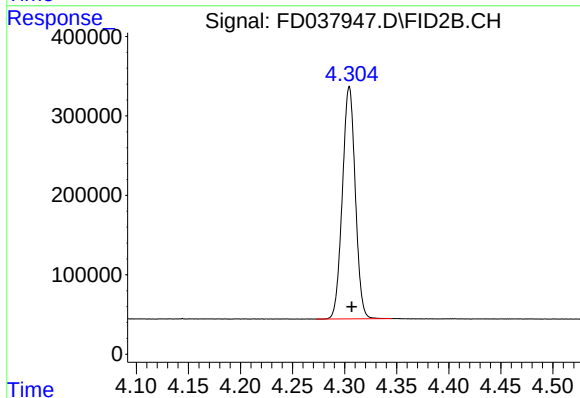




#1 n-Nonane (C9)

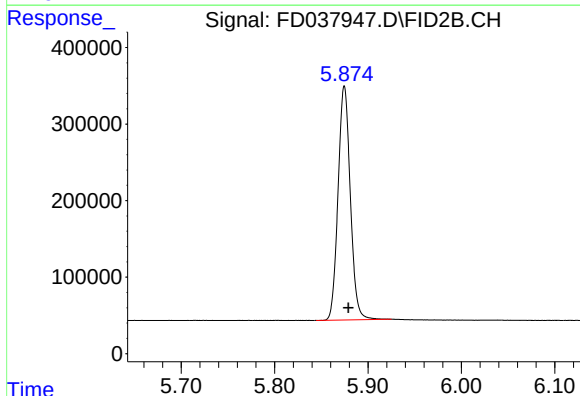
R.T.: 3.248 min
Delta R.T.: -0.001 min
Response: 2486130
Conc: 20.56 ug/ml

Instrument :
FID_D
ClientSampleId :



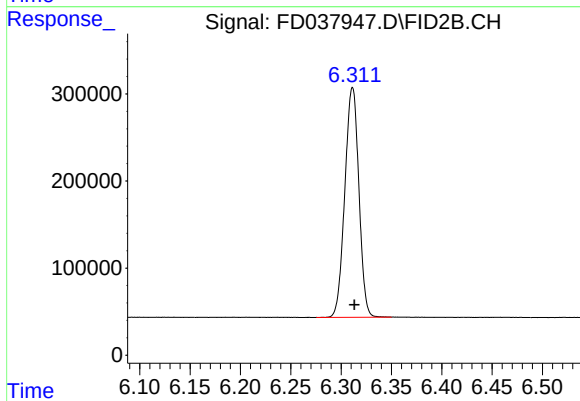
#2 n-Decane (C10)

R.T.: 4.305 min
Delta R.T.: -0.002 min
Response: 2521201
Conc: 20.57 ug/ml



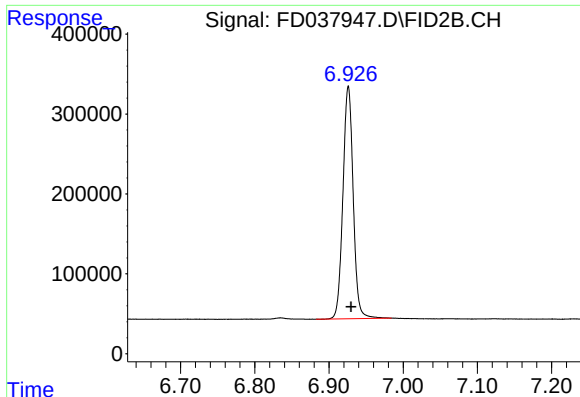
#3 A~Naphthalene (C11.7)

R.T.: 5.875 min
Delta R.T.: -0.004 min
Response: 2787413
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

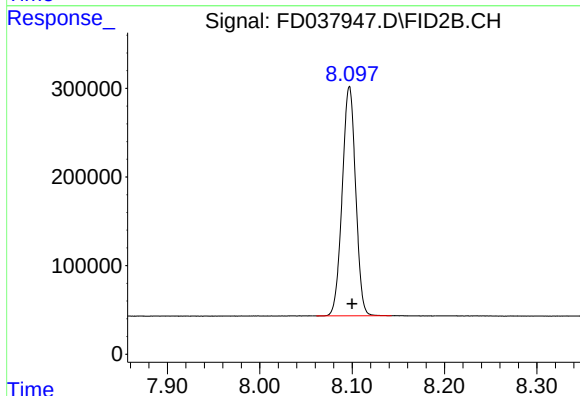
R.T.: 6.311 min
Delta R.T.: -0.002 min
Response: 2563798
Conc: 20.88 ug/ml



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

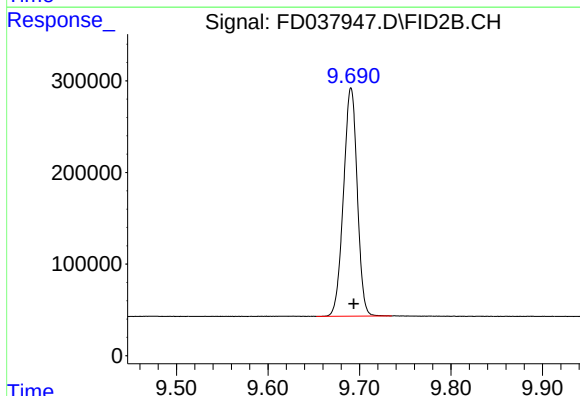
R.T.: 6.926 min
Delta R.T.: -0.004 min
Response: 2802625
Conc: 20.70 ug/ml

Instrument :
FID_D
ClientSampleId :



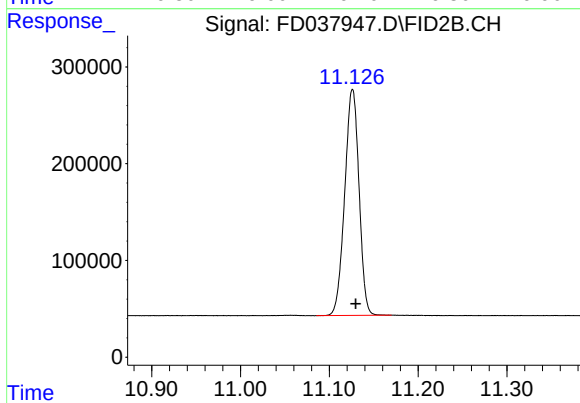
#6 n-Tetradecane (C14)

R.T.: 8.097 min
Delta R.T.: -0.003 min
Response: 2614182
Conc: 20.83 ug/ml



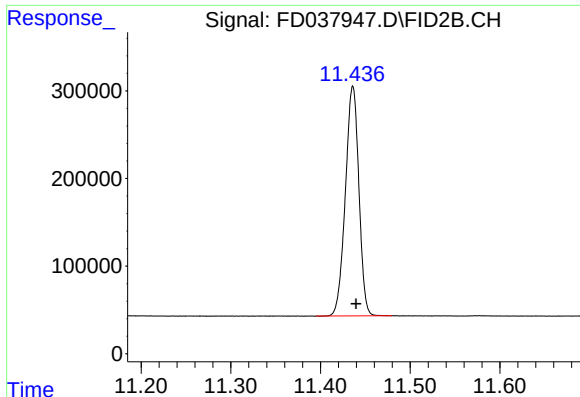
#7 n-Hexadecane (C16)

R.T.: 9.691 min
Delta R.T.: -0.003 min
Response: 2596737
Conc: 20.29 ug/ml



#8 n-Octadecane (C18)

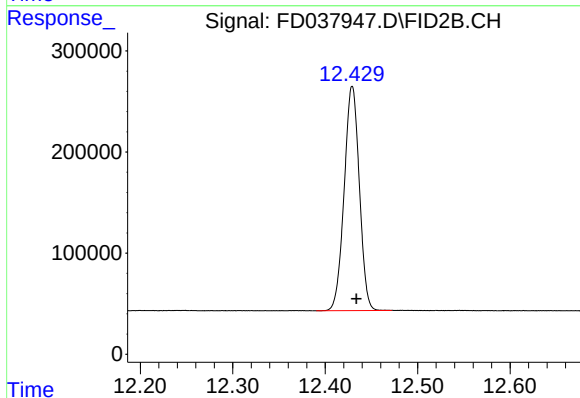
R.T.: 11.126 min
Delta R.T.: -0.004 min
Response: 2614838
Conc: 19.79 ug/ml



#9 ortho-Terphenyl (SURR)

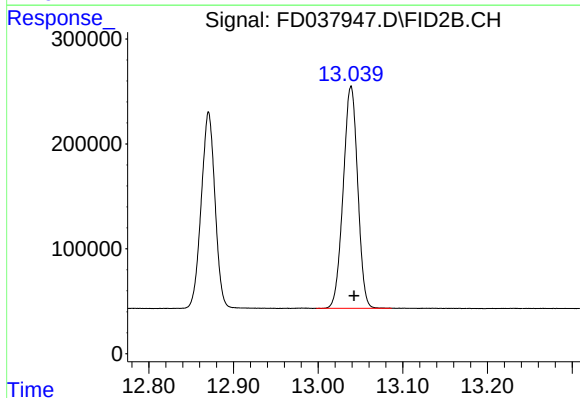
R.T.: 11.436 min
Delta R.T.: -0.004 min
Response: 2743831
Conc: 19.33 ug/ml

Instrument :
FID_D
ClientSampleId :



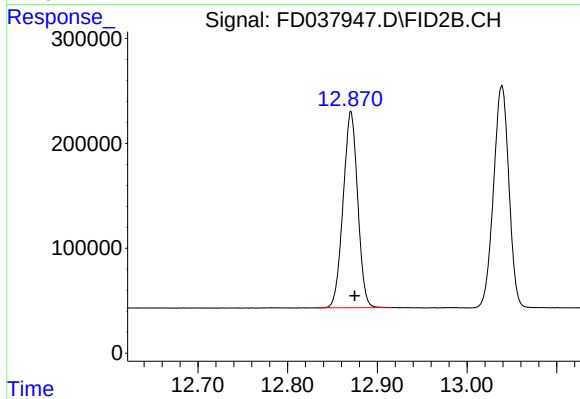
#10 n-Eicosane (C20)

R.T.: 12.429 min
Delta R.T.: -0.005 min
Response: 2529852
Conc: 19.17 ug/ml



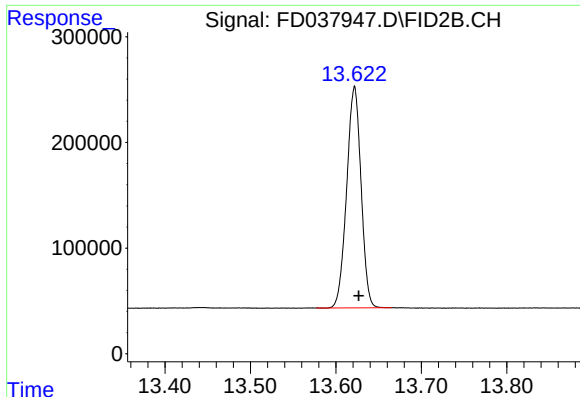
#11 n-Heneicosane (C21)

R.T.: 13.039 min
Delta R.T.: -0.004 min
Response: 2519736
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

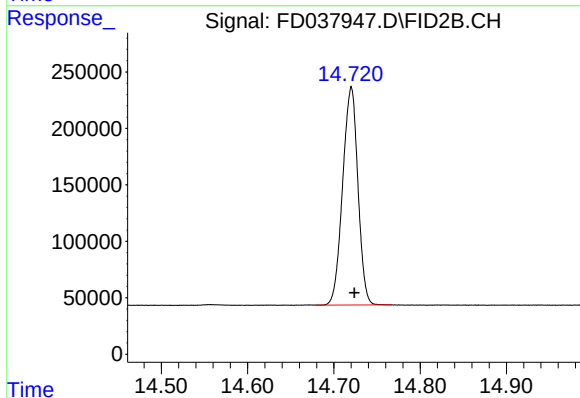
R.T.: 12.871 min
Delta R.T.: -0.004 min
Response: 2108803
Conc: 18.91 ug/ml



#13 n-Docosane (C22)

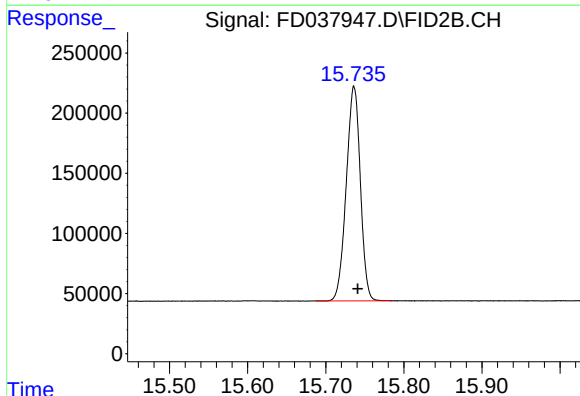
R.T.: 13.622 min
Delta R.T.: -0.005 min
Response: 2450843
Conc: 18.69 ug/ml

Instrument :
FID_D
ClientSampleId :



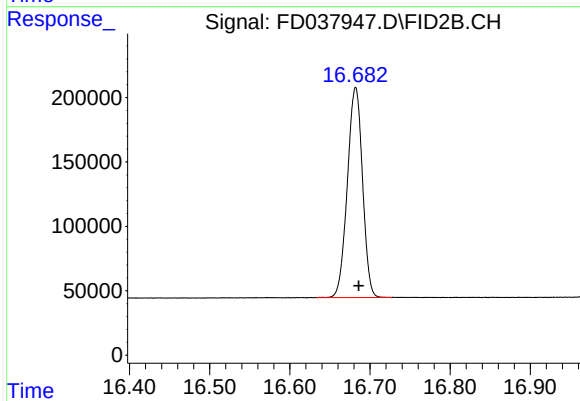
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: -0.004 min
Response: 2373009
Conc: 18.18 ug/ml



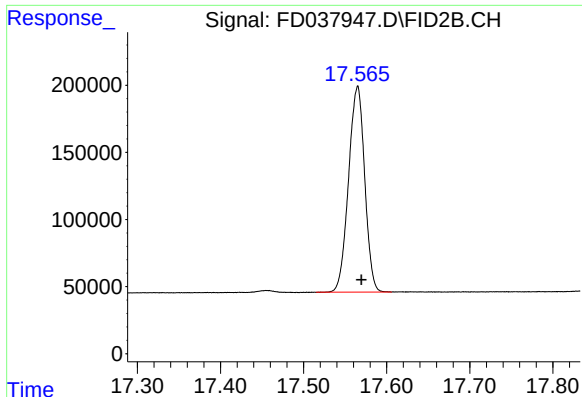
#15 n-Hexacosane (C26)

R.T.: 15.736 min
Delta R.T.: -0.005 min
Response: 2234279
Conc: 17.60 ug/ml



#16 n-Octacosane (C28)

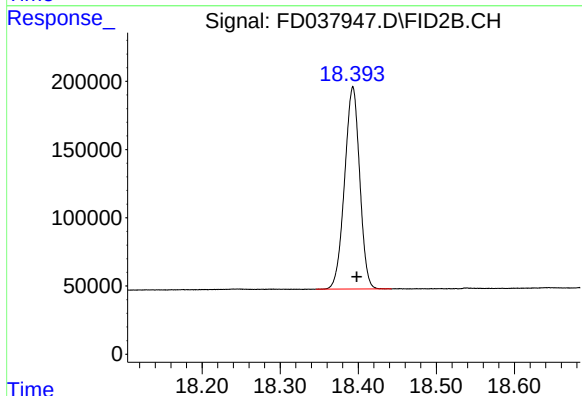
R.T.: 16.682 min
Delta R.T.: -0.004 min
Response: 2141940
Conc: 17.26 ug/ml



#17 n-Tricontane (C30)

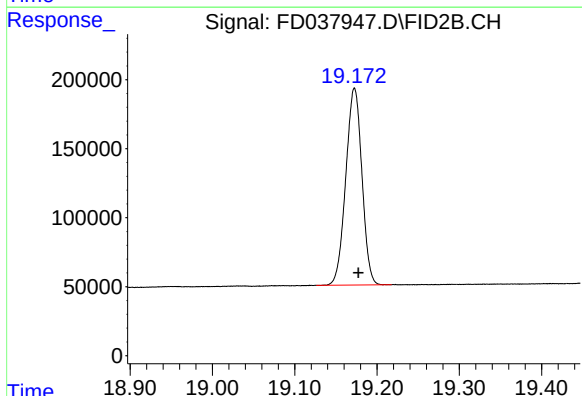
R.T.: 17.565 min
Delta R.T.: -0.005 min
Response: 2069765
Conc: 17.20 ug/ml

Instrument :
FID_D
ClientSampleId :



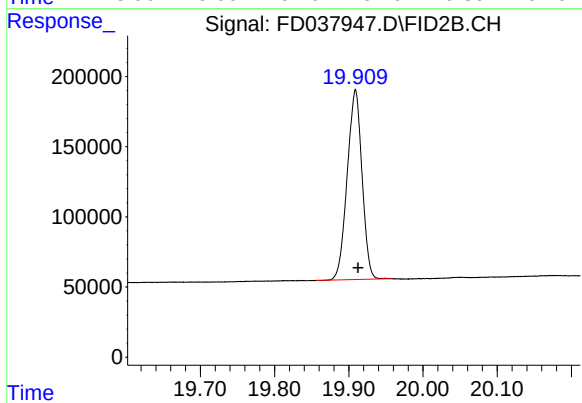
#18 n-Dotriacontane (C32)

R.T.: 18.393 min
Delta R.T.: -0.005 min
Response: 1991448
Conc: 17.40 ug/ml



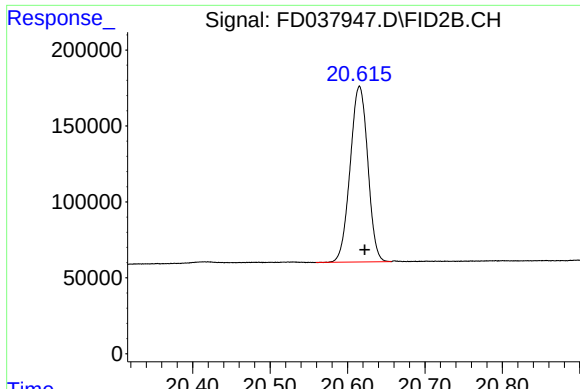
#19 n-Tetratriacontane (C34)

R.T.: 19.173 min
Delta R.T.: -0.005 min
Response: 1945641
Conc: 18.00 ug/ml



#20 n-Hexatriacontane (C36)

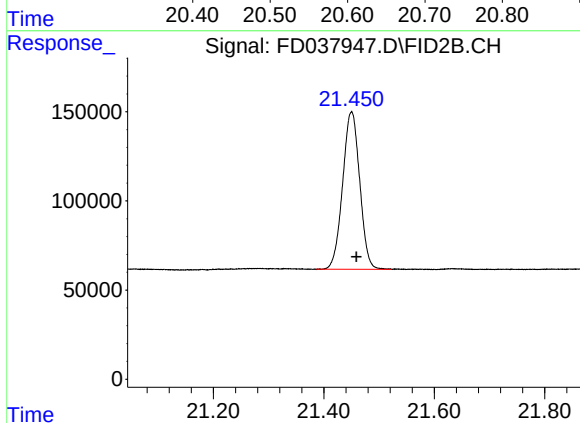
R.T.: 19.909 min
Delta R.T.: -0.003 min
Response: 1873531
Conc: 18.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.615 min
Delta R.T.: -0.007 min
Response: 1827500
Conc: 19.90 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.450 min
Delta R.T.: -0.009 min
Response: 1895435
Conc: 19.93 ug/ml