

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100421AL\
 Data File : FD038974.D
 Signal(s) : FID2B.CH
 Acq On : 04 Oct 2021 10:00
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 04 11:47:01 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)	11.676	2540124	17.897 ug/ml
Spiked Amount 50.000		Recovery =	35.79%
12) S 1-chlorooctadecane (S...	13.103	1978194	17.592 ug/ml
Spiked Amount 50.000		Recovery =	35.18%
Target Compounds			
1) T n-Nonane (C9)	3.437	2291232	18.164 ug/ml
2) T n-Decane (C10)	4.507	2321460	18.189 ug/ml
3) T A~Naphthalene (C11.7)	6.099	2578425	18.107 ug/ml
4) T n-Dodecane (C12)	6.524	2321914	18.130 ug/ml
5) T A~2-methylnaphthalene...	7.154	2590630	18.096 ug/ml
6) T n-Tetradecane (C14)	8.316	2344205	18.065 ug/ml
7) T n-Hexadecane (C16)	9.914	2348127	18.004 ug/ml
8) T n-Octadecane (C18)	11.352	2391481	17.881 ug/ml
10) T n-Eicosane (C20)	12.658	2357019	17.772 ug/ml
11) T n-Heneicosane (C21)	13.268	2373274	17.723 ug/ml
13) T n-Docosane (C22)	13.852	2340134	17.642 ug/ml
14) T n-Tetracosane (C24)	14.951	2323318	17.534 ug/ml
15) T n-Hexacosane (C26)	15.968	2247526	17.461 ug/ml
16) T n-Octacosane (C28)	16.914	2193132	17.393 ug/ml
17) T n-Tricontane (C30)	17.797	2124761	17.420 ug/ml
18) T n-Dotriacontane (C32)	18.627	2035699	17.559 ug/ml
19) T n-Tetratriacontane (C34)	19.406	1931694	17.895 ug/ml
20) T n-Hexatriacontane (C36)	20.143	1734315	17.724 ug/ml
21) T n-Octatriacontane (C38)	20.881	1590690	17.719 ug/ml
22) T n-Tetracontane (C40)	21.807	1388882	15.766 ug/ml

(f)=RT Delta > 1/2 Window

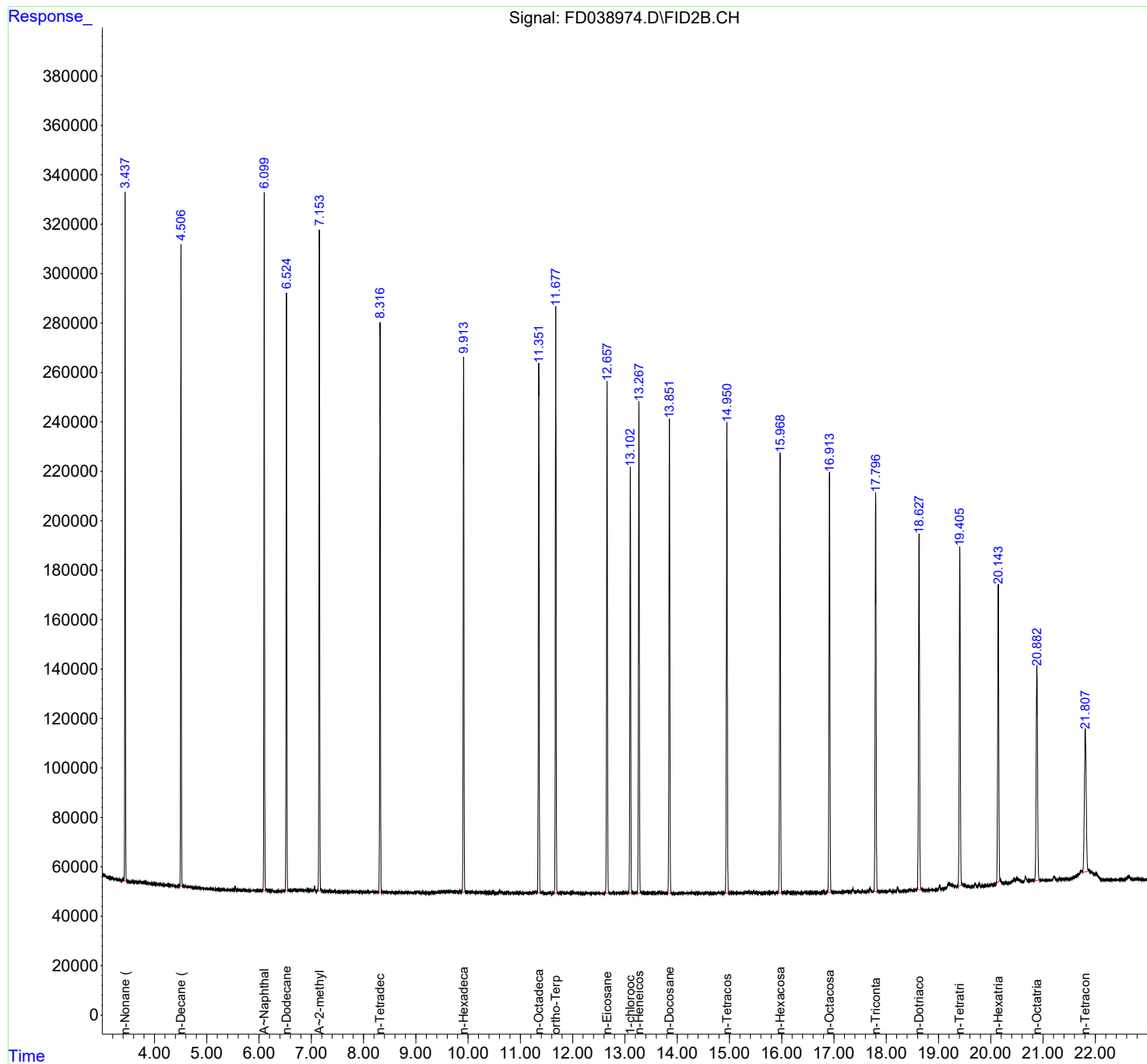
(m)=manual int.

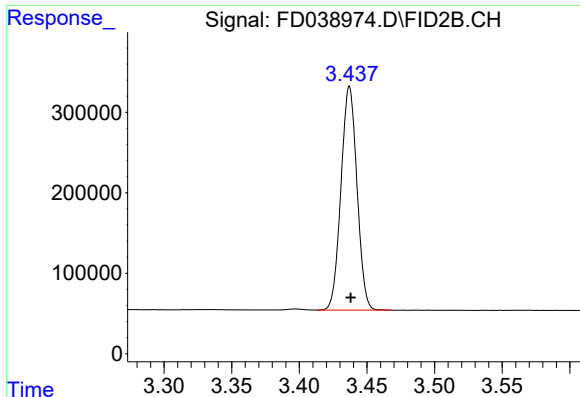
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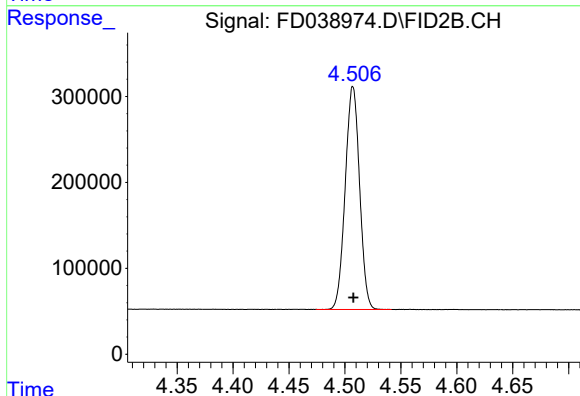




#1 n-Nonane (C9)

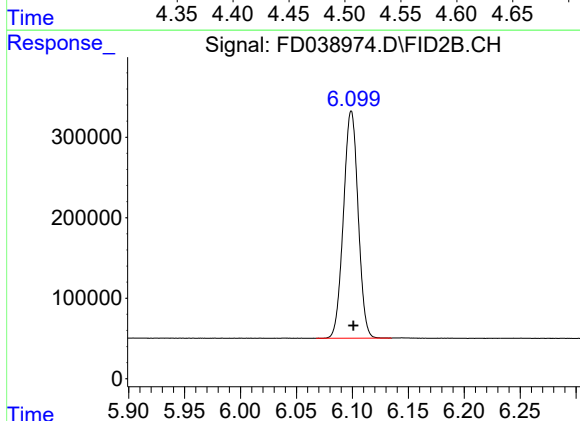
R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 2291232
Conc: 18.16 ug/ml

Instrument :
FID_D
ClientSampleId :



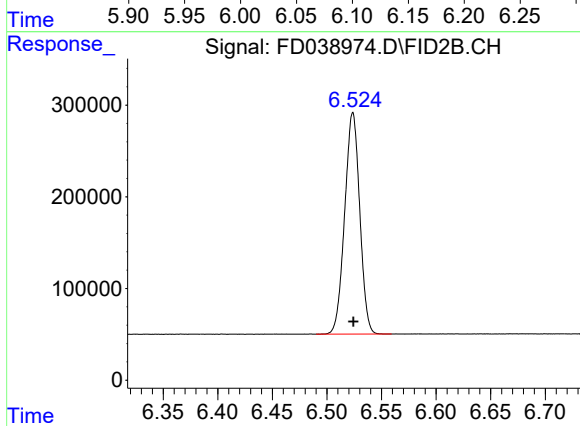
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 2321460
Conc: 18.19 ug/ml



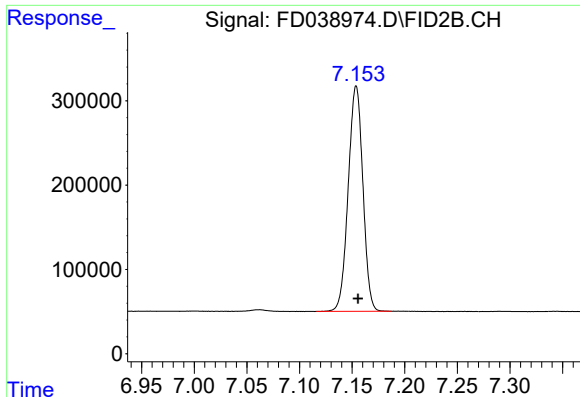
#3 A~Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 2578425
Conc: 18.11 ug/ml



#4 n-Dodecane (C12)

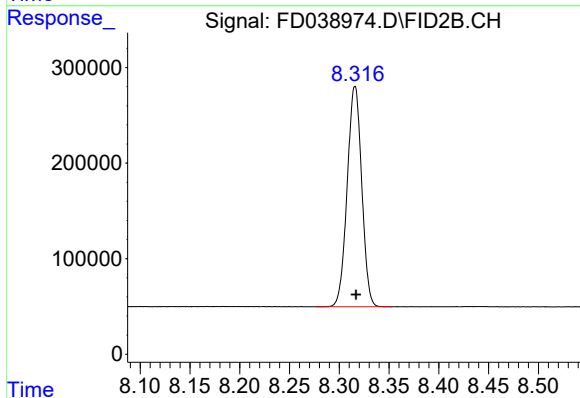
R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 2321914
Conc: 18.13 ug/ml



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

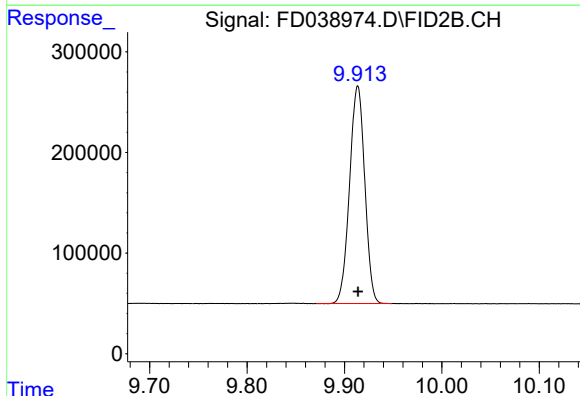
R.T.: 7.154 min
Delta R.T.: -0.002 min
Response: 2590630
Conc: 18.10 ug/ml

Instrument :
FID_D
ClientSampleId :



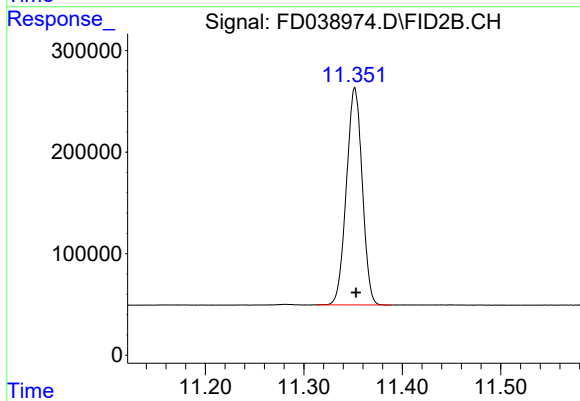
#6 n-Tetradecane (C14)

R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 2344205
Conc: 18.07 ug/ml



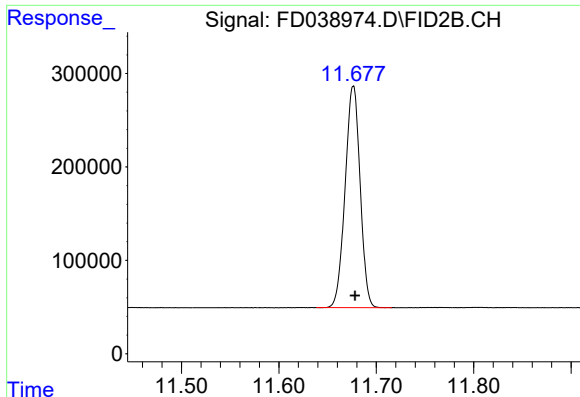
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2348127
Conc: 18.00 ug/ml



#8 n-Octadecane (C18)

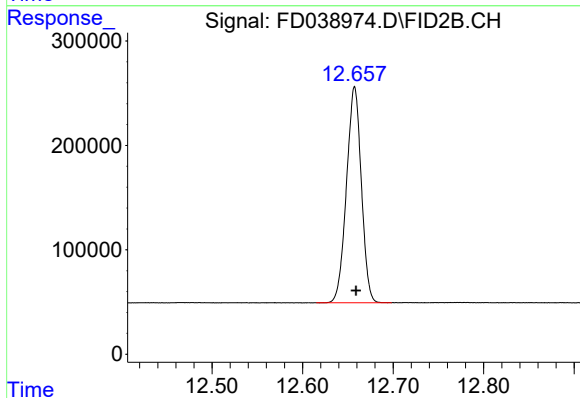
R.T.: 11.352 min
Delta R.T.: -0.001 min
Response: 2391481
Conc: 17.88 ug/ml



#9 ortho-Terphenyl (SURR)

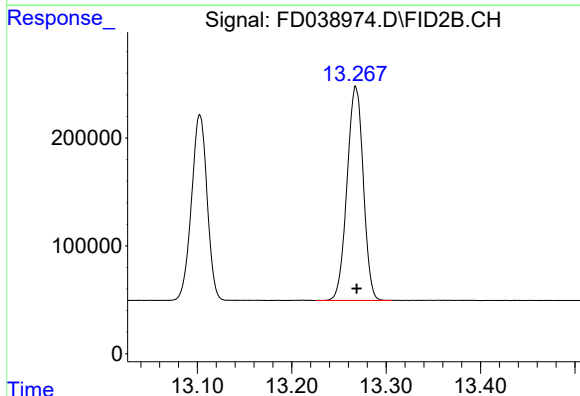
R.T.: 11.676 min
Delta R.T.: -0.002 min
Response: 2540124
Conc: 17.90 ug/ml

Instrument :
FID_D
ClientSampleId :



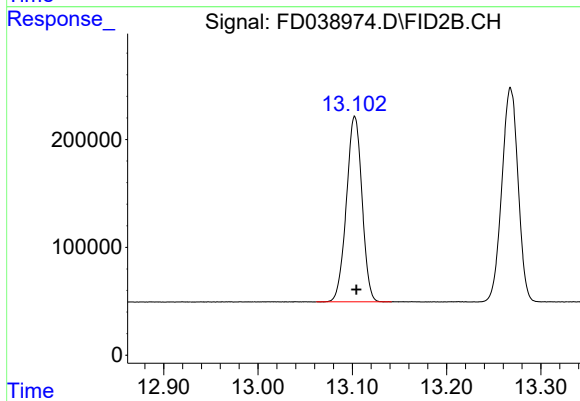
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: -0.002 min
Response: 2357019
Conc: 17.77 ug/ml



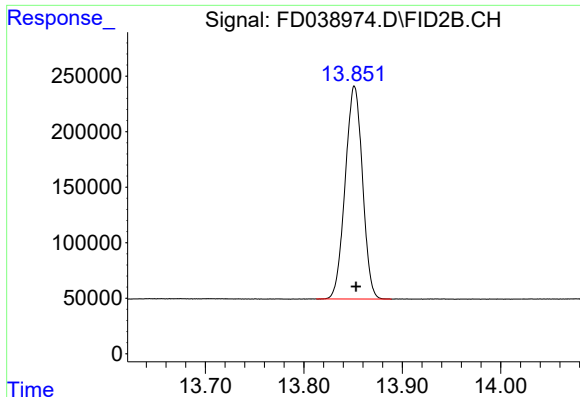
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: 0.000 min
Response: 2373274
Conc: 17.72 ug/ml



#12 1-chlorooctadecane (SURR)

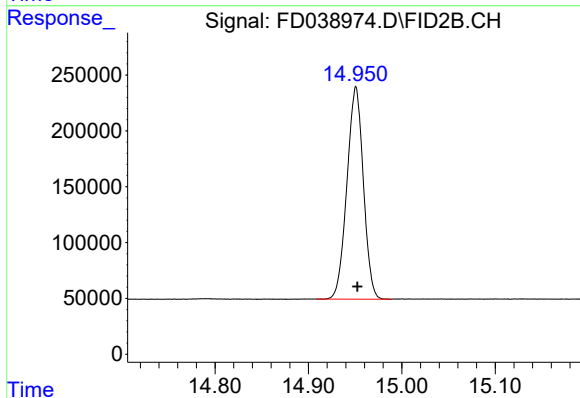
R.T.: 13.103 min
Delta R.T.: -0.002 min
Response: 1978194
Conc: 17.59 ug/ml



#13 n-Docosane (C22)

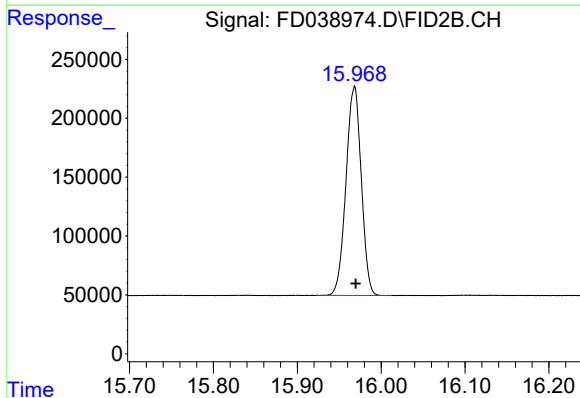
R.T.: 13.852 min
Delta R.T.: -0.002 min
Response: 2340134
Conc: 17.64 ug/ml

Instrument :
FID_D
ClientSampleId :



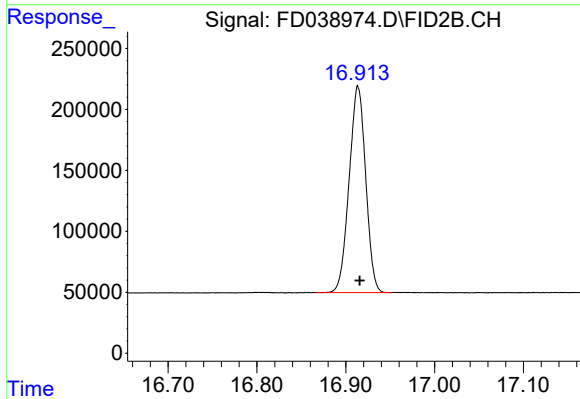
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.002 min
Response: 2323318
Conc: 17.53 ug/ml



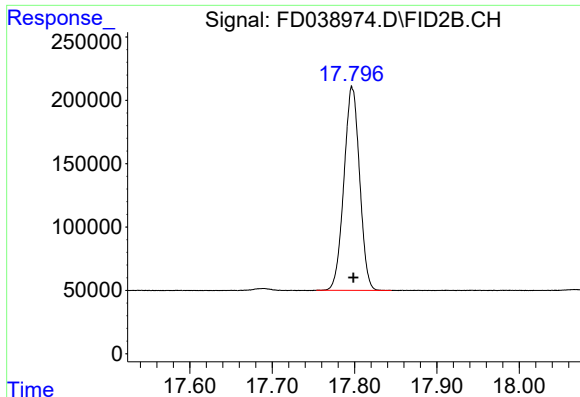
#15 n-Hexacosane (C26)

R.T.: 15.968 min
Delta R.T.: -0.002 min
Response: 2247526
Conc: 17.46 ug/ml



#16 n-Octacosane (C28)

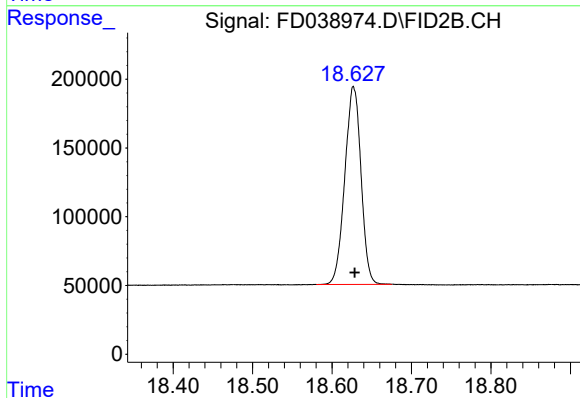
R.T.: 16.914 min
Delta R.T.: -0.002 min
Response: 2193132
Conc: 17.39 ug/ml



#17 n-Tricontane (C30)

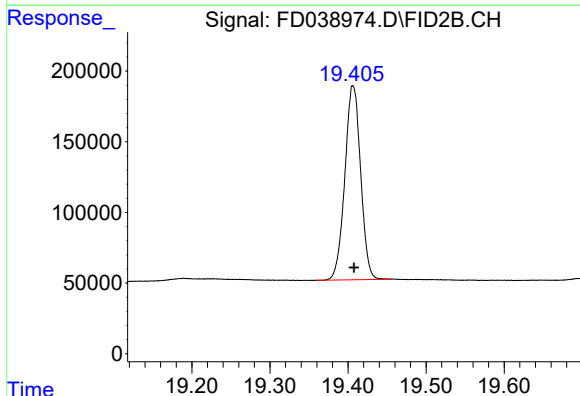
R.T.: 17.797 min
Delta R.T.: -0.002 min
Response: 2124761
Conc: 17.42 ug/ml

Instrument :
FID_D
ClientSampleId :



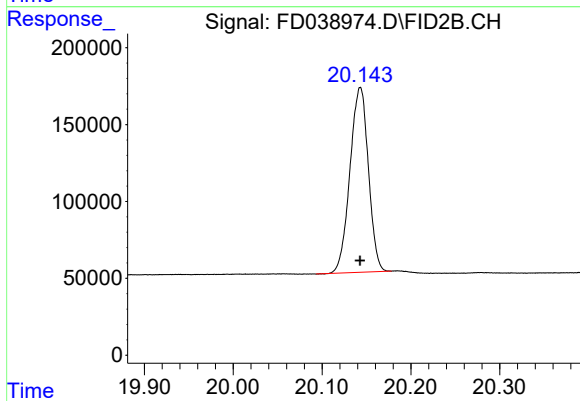
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.001 min
Response: 2035699
Conc: 17.56 ug/ml



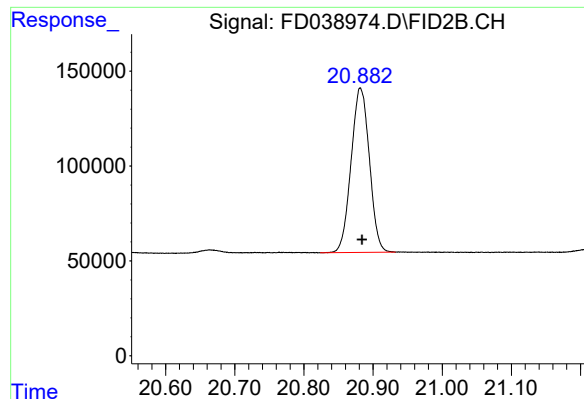
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min
Delta R.T.: -0.001 min
Response: 1931694
Conc: 17.89 ug/ml



#20 n-Hexatriacontane (C36)

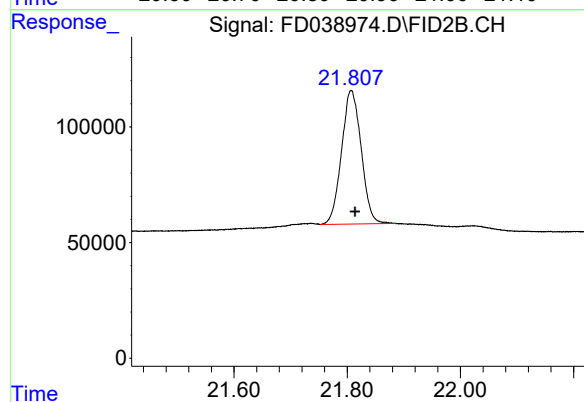
R.T.: 20.143 min
Delta R.T.: 0.000 min
Response: 1734315
Conc: 17.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.881 min
Delta R.T.: -0.003 min
Response: 1590690
Conc: 17.72 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.807 min
Delta R.T.: -0.007 min
Response: 1388882
Conc: 15.77 ug/ml