

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062821AL\
 Data File : FD038006.D
 Signal(s) : FID2B.CH
 Acq On : 28 Jun 2021 10:13
 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 28 12:51:17 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)	11.425	2470888	17.411 ug/ml
Spiked Amount 50.000		Recovery =	34.82%
12) S 1-chlorooctadecane (S...	12.860	1837590	16.482 ug/ml
Spiked Amount 50.000		Recovery =	32.96%
Target Compounds			
1) T n-Nonane (C9)	3.240	2315681	19.153 ug/ml
2) T n-Decane (C10)	4.297	2345914	19.138 ug/ml
3) T A~Naphthalene (C11.7)	5.866	2550397	18.912 ug/ml
4) T n-Dodecane (C12)	6.303	2376104	19.355 ug/ml
5) T A~2-methylnaphthalene...	6.918	2536348	18.731 ug/ml
6) T n-Tetradecane (C14)	8.090	2409324	19.199 ug/ml
7) T n-Hexadecane (C16)	9.682	2378619	18.585 ug/ml
8) T n-Octadecane (C18)	11.117	2384788	18.047 ug/ml
10) T n-Eicosane (C20)	12.420	2285192	17.315 ug/ml
11) T n-Heneicosane (C21)	13.028	2264012	17.061 ug/ml
13) T n-Docosane (C22)	13.611	2192177	16.720 ug/ml
14) T n-Tetracosane (C24)	14.708	2104805	16.129 ug/ml
15) T n-Hexacosane (C26)	15.724	1973622	15.550 ug/ml
16) T n-Octacosane (C28)	16.667	1883997	15.183 ug/ml
17) T n-Tricontane (C30)	17.551	1820116	15.127 ug/ml
18) T n-Dotriacontane (C32)	18.379	1759398	15.371 ug/ml
19) T n-Tetratriacontane (C34)	19.158	1728928	15.996 ug/ml
20) T n-Hexatriacontane (C36)	19.894	1650071	16.523 ug/ml
21) T n-Octatriacontane (C38)	20.600	1570538	17.098 ug/ml
22) T n-Tetracontane (C40)	21.429	1604151	16.864 ug/ml

(f)=RT Delta > 1/2 Window

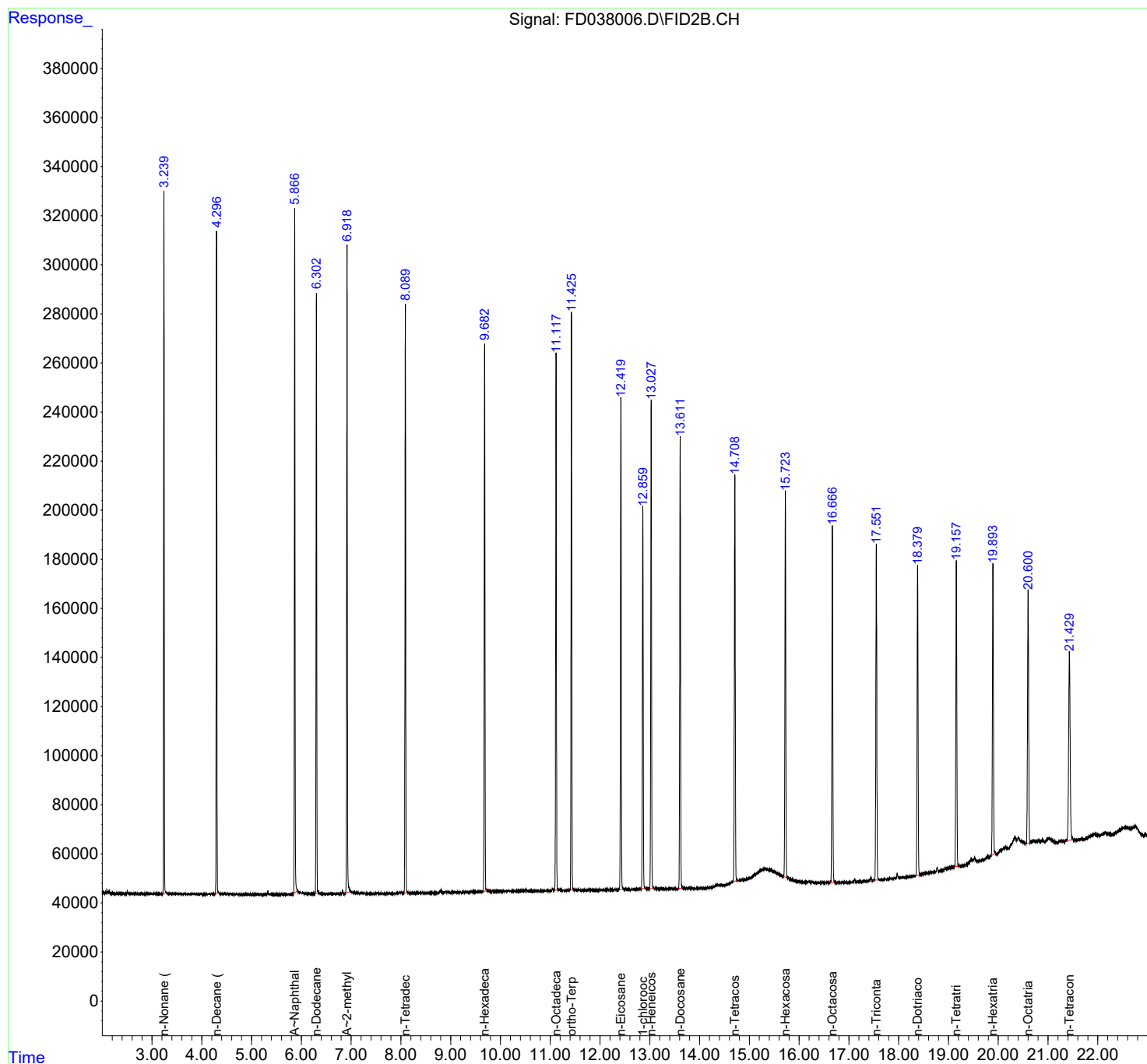
(m)=manual int.

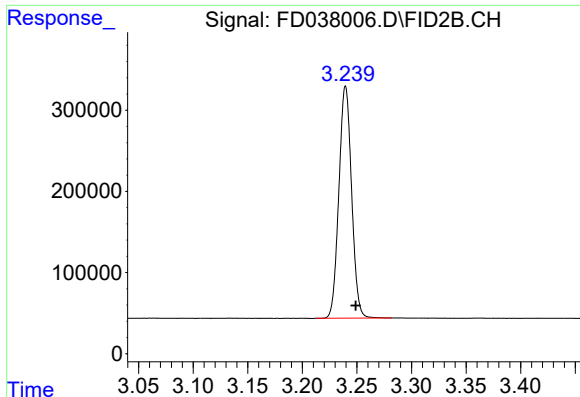
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062821AL\
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Instrument :
FID_D
ClientSampled :

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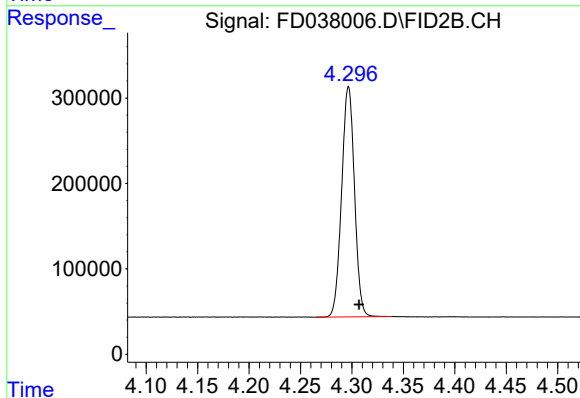




#1 n-Nonane (C9)

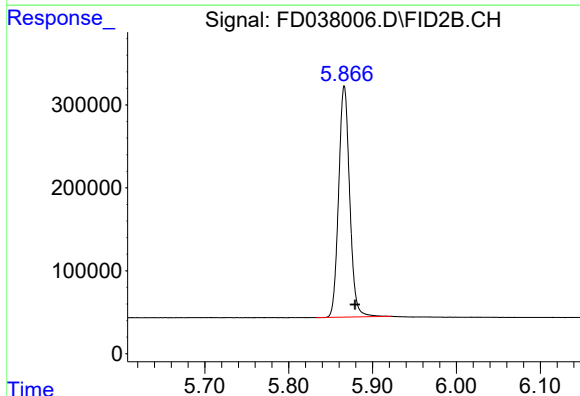
R.T.: 3.240 min
Delta R.T.: -0.009 min
Response: 2315681
Conc: 19.15 ug/ml

Instrument :
FID_D
ClientSampleId :



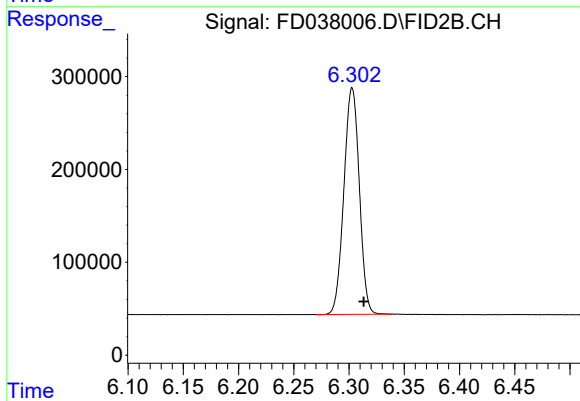
#2 n-Decane (C10)

R.T.: 4.297 min
Delta R.T.: -0.010 min
Response: 2345914
Conc: 19.14 ug/ml



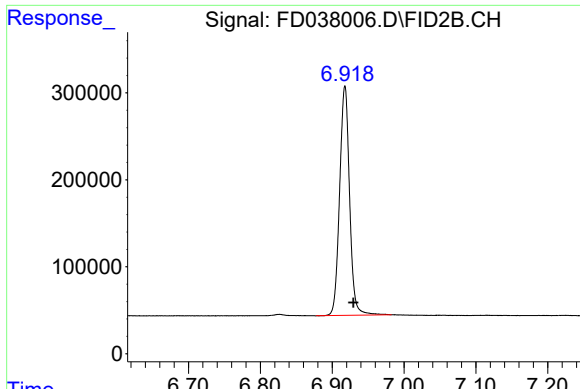
#3 A~Naphthalene (C11.7)

R.T.: 5.866 min
Delta R.T.: -0.013 min
Response: 2550397
Conc: 18.91 ug/ml



#4 n-Dodecane (C12)

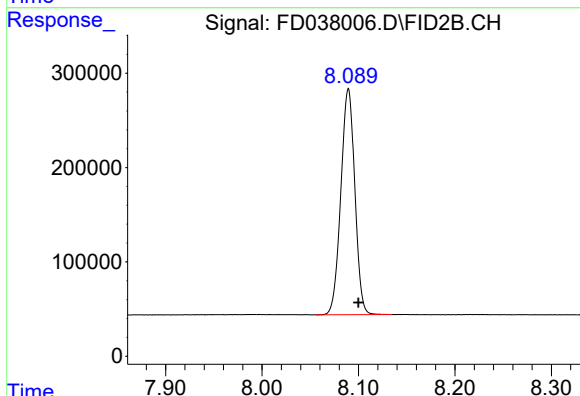
R.T.: 6.303 min
Delta R.T.: -0.010 min
Response: 2376104
Conc: 19.35 ug/ml



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

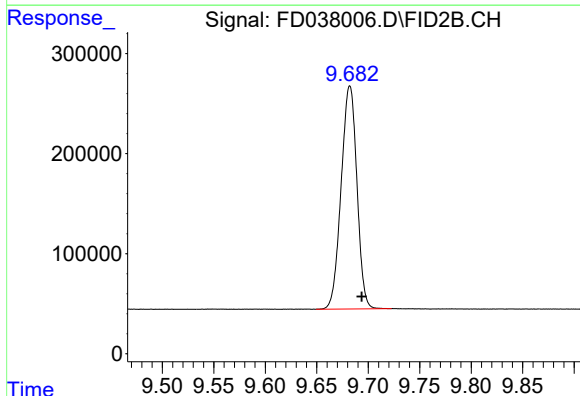
R.T.: 6.918 min
Delta R.T.: -0.012 min
Response: 2536348
Conc: 18.73 ug/ml

Instrument :
FID_D
ClientSampleId :



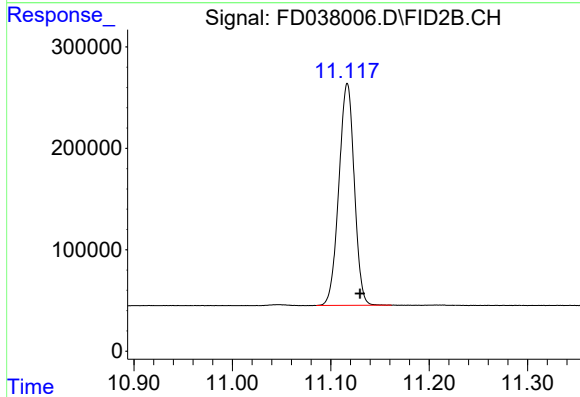
#6 n-Tetradecane (C14)

R.T.: 8.090 min
Delta R.T.: -0.010 min
Response: 2409324
Conc: 19.20 ug/ml



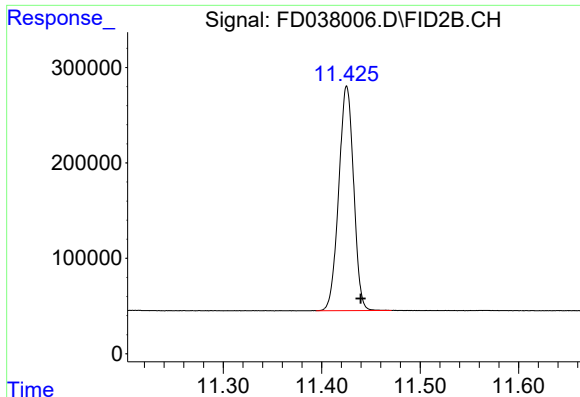
#7 n-Hexadecane (C16)

R.T.: 9.682 min
Delta R.T.: -0.012 min
Response: 2378619
Conc: 18.58 ug/ml



#8 n-Octadecane (C18)

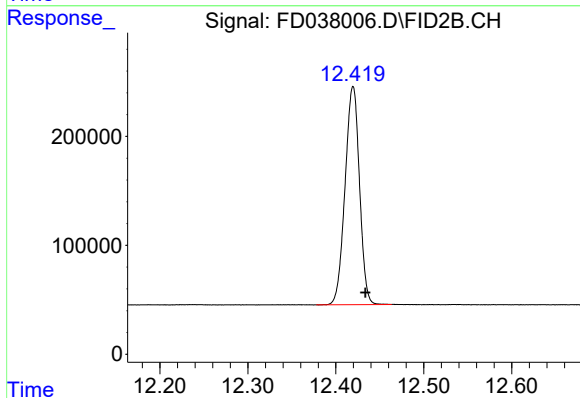
R.T.: 11.117 min
Delta R.T.: -0.013 min
Response: 2384788
Conc: 18.05 ug/ml



#9 ortho-Terphenyl (SURR)

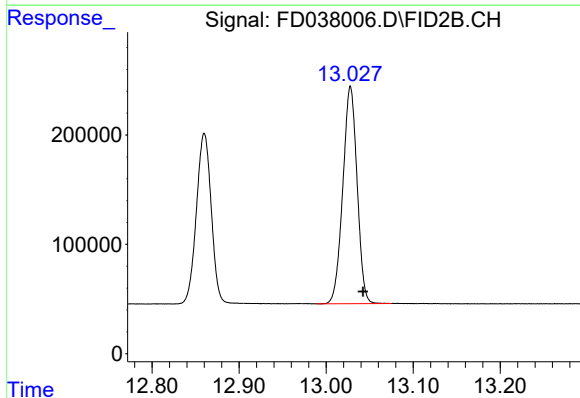
R.T.: 11.425 min
Delta R.T.: -0.014 min
Response: 2470888
Conc: 17.41 ug/ml

Instrument :
FID_D
ClientSampleId :



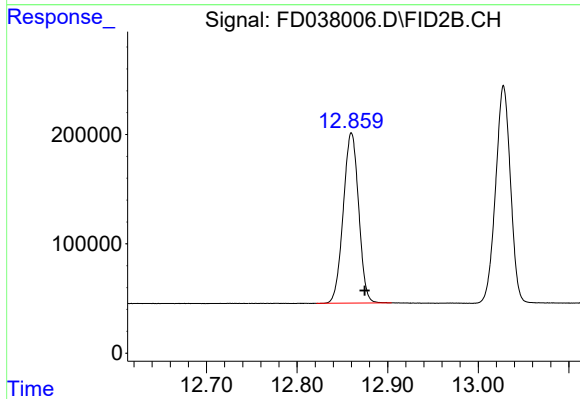
#10 n-Eicosane (C20)

R.T.: 12.420 min
Delta R.T.: -0.014 min
Response: 2285192
Conc: 17.31 ug/ml



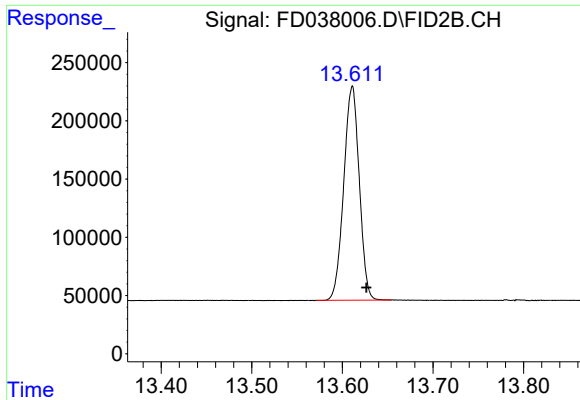
#11 n-Heneicosane (C21)

R.T.: 13.028 min
Delta R.T.: -0.015 min
Response: 2264012
Conc: 17.06 ug/ml



#12 1-chlorooctadecane (SURR)

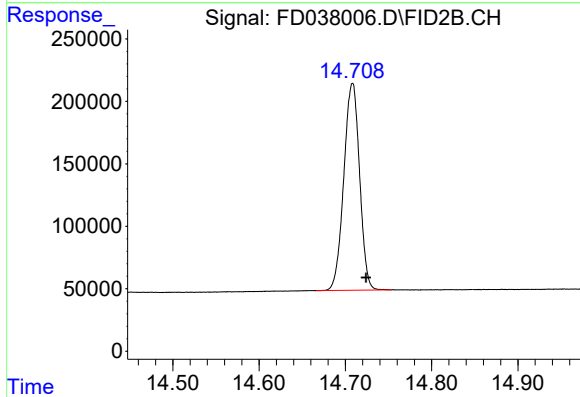
R.T.: 12.860 min
Delta R.T.: -0.015 min
Response: 1837590
Conc: 16.48 ug/ml



#13 n-Docosane (C22)

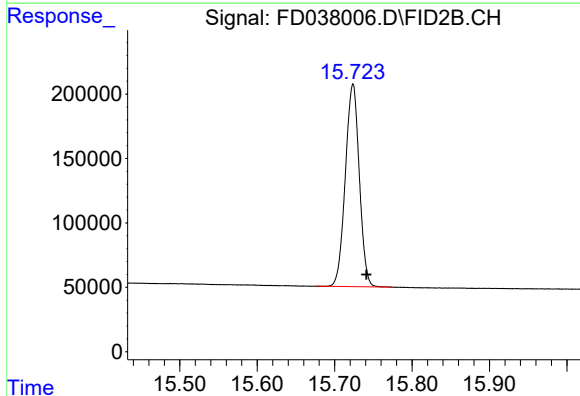
R.T.: 13.611 min
Delta R.T.: -0.016 min
Response: 2192177
Conc: 16.72 ug/ml

Instrument :
FID_D
ClientSampleId :



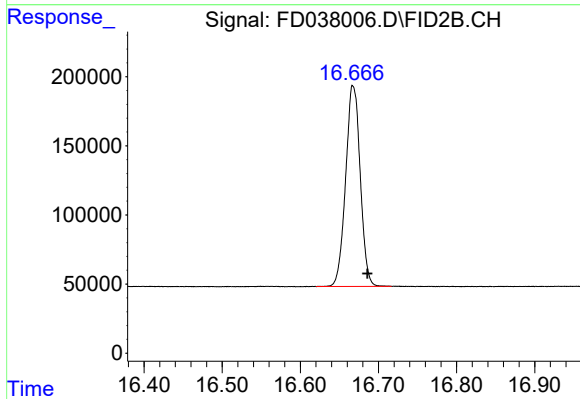
#14 n-Tetracosane (C24)

R.T.: 14.708 min
Delta R.T.: -0.016 min
Response: 2104805
Conc: 16.13 ug/ml



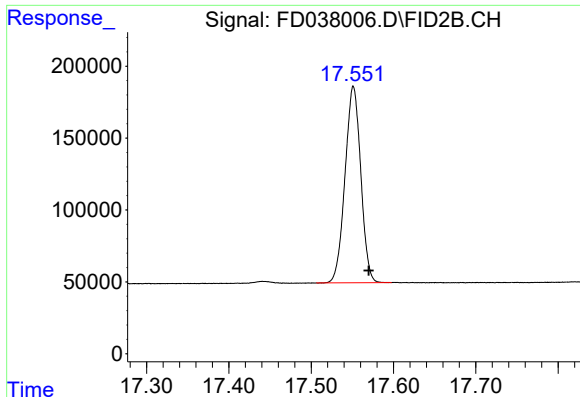
#15 n-Hexacosane (C26)

R.T.: 15.724 min
Delta R.T.: -0.017 min
Response: 1973622
Conc: 15.55 ug/ml



#16 n-Octacosane (C28)

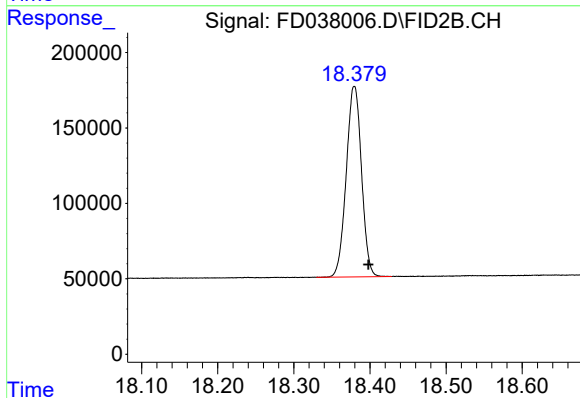
R.T.: 16.667 min
Delta R.T.: -0.019 min
Response: 1883997
Conc: 15.18 ug/ml



#17 n-Tricontane (C30)

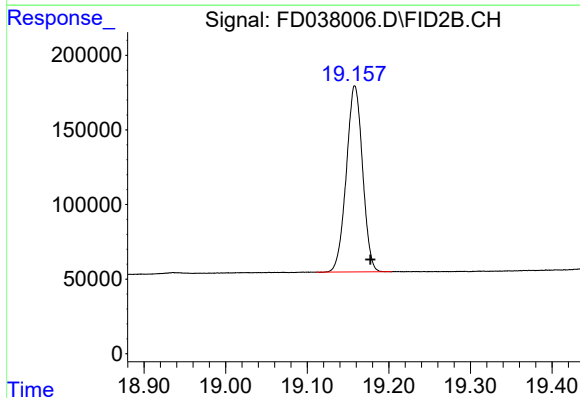
R.T.: 17.551 min
Delta R.T.: -0.019 min
Response: 1820116
Conc: 15.13 ug/ml

Instrument :
FID_D
ClientSampleId :



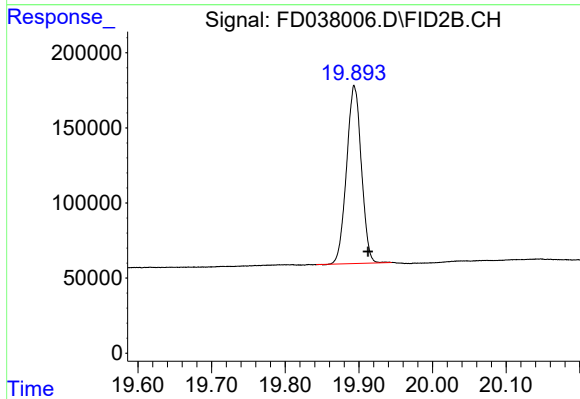
#18 n-Dotriacontane (C32)

R.T.: 18.379 min
Delta R.T.: -0.019 min
Response: 1759398
Conc: 15.37 ug/ml



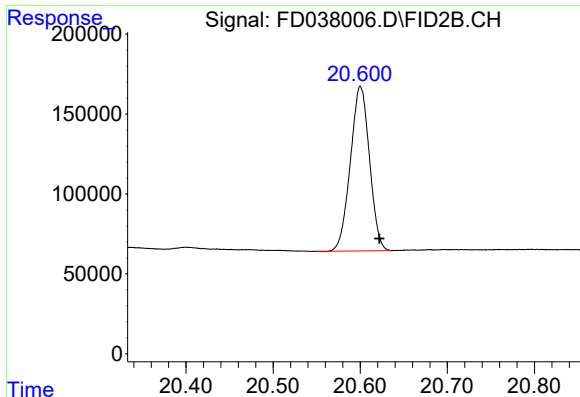
#19 n-Tetratriacontane (C34)

R.T.: 19.158 min
Delta R.T.: -0.019 min
Response: 1728928
Conc: 16.00 ug/ml



#20 n-Hexatriacontane (C36)

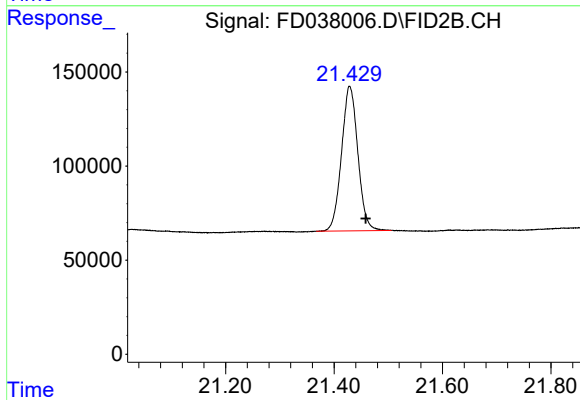
R.T.: 19.894 min
Delta R.T.: -0.019 min
Response: 1650071
Conc: 16.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.600 min
Delta R.T.: -0.022 min
Response: 1570538
Conc: 17.10 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.429 min
Delta R.T.: -0.030 min
Response: 1604151
Conc: 16.86 ug/ml