

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121521AL\
 Data File : FD039918.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 14:40
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD02
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 15:52:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 15:52:00 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)	10.809	7531184	49.685 ug/ml
Spiked Amount 50.000		Recovery =	99.37%
12) S 1-chlorooctadecane (S...	12.240	5921089	49.666 ug/ml
Spiked Amount 50.000		Recovery =	99.33%
Target Compounds			
1) T n-Nonane (C9)	2.691	6749078	49.601 ug/ml
2) T n-Decane (C10)	3.696	6805799	49.590 ug/ml
3) T A~Naphthalene (C11.7)	5.253	7678933	49.845 ug/ml
4) T n-Dodecane (C12)	5.681	6841654	49.908 ug/ml
5) T A~2-methylnaphthalene...	6.300	7754639	49.913 ug/ml
6) T n-Tetradecane (C14)	7.464	6922696	49.913 ug/ml
7) T n-Hexadecane (C16)	9.057	6983376	49.882 ug/ml
8) T n-Octadecane (C18)	10.494	7127645	49.650 ug/ml
10) T n-Eicosane (C20)	11.797	6997770	49.605 ug/ml
11) T n-Heneicosane (C21)	12.406	7035335	49.517 ug/ml
13) T n-Docosane (C22)	12.991	6915087	49.320 ug/ml
14) T n-Tetracosane (C24)	14.090	6811887	49.143 ug/ml
15) T n-Hexacosane (C26)	15.108	6542132	49.125 ug/ml
16) T n-Octacosane (C28)	16.055	6330304	49.195 ug/ml
17) T n-Tricontane (C30)	16.939	6069976	49.132 ug/ml
18) T n-Dotriacontane (C32)	17.770	5796816	49.106 ug/ml
19) T n-Tetratriacontane (C34)	18.551	5698716	49.340 ug/ml
20) T n-Hexatriacontane (C36)	19.291	5520370	50.013 ug/ml
21) T n-Octatriacontane (C38)	20.009	5361623	49.569 ug/ml
22) T n-Tetracontane (C40)	20.879	5459119	49.588 ug/ml

(f)=RT Delta > 1/2 Window

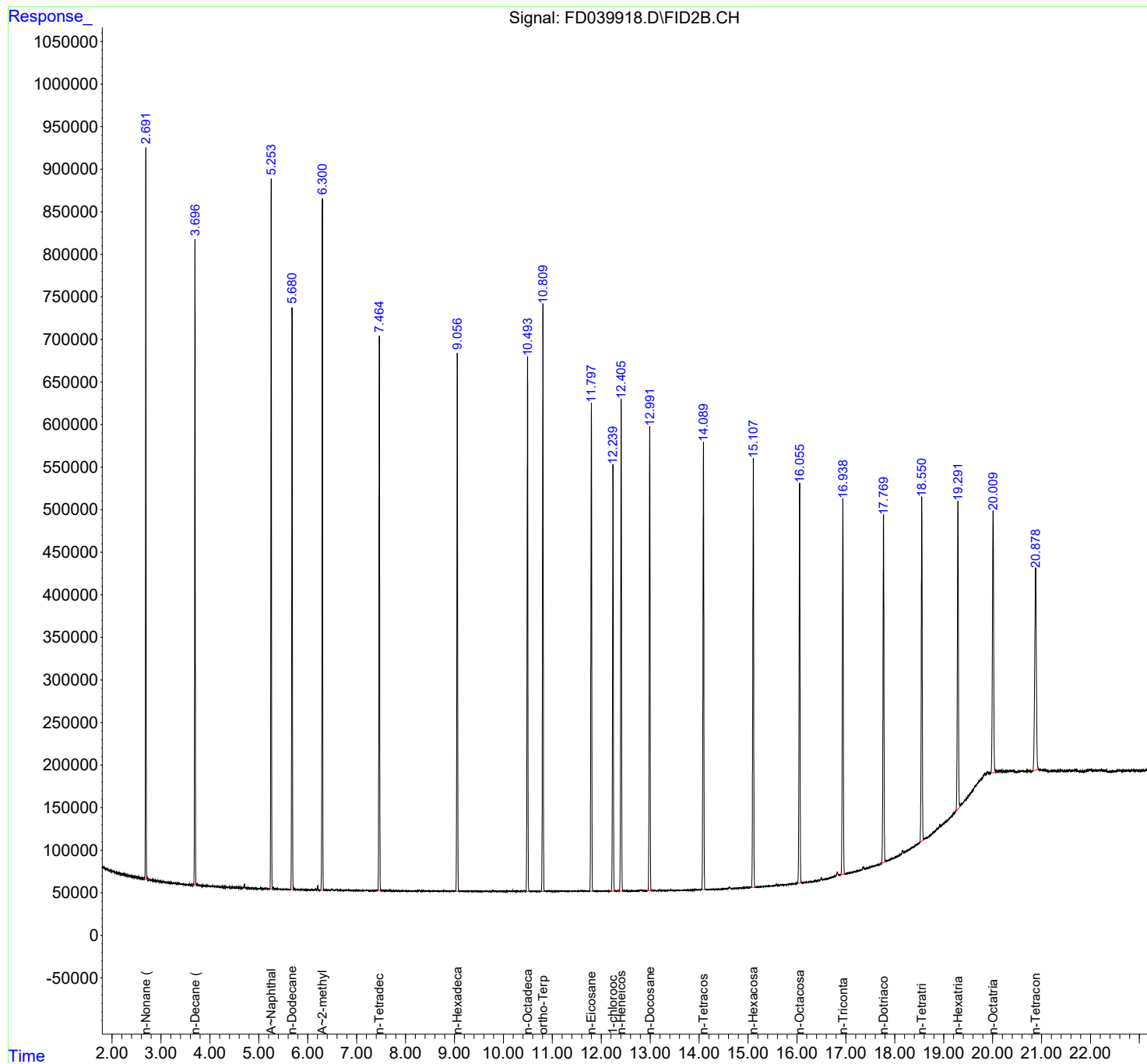
(m)=manual int.

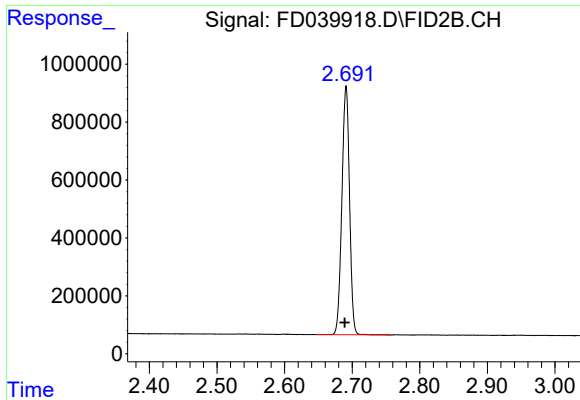
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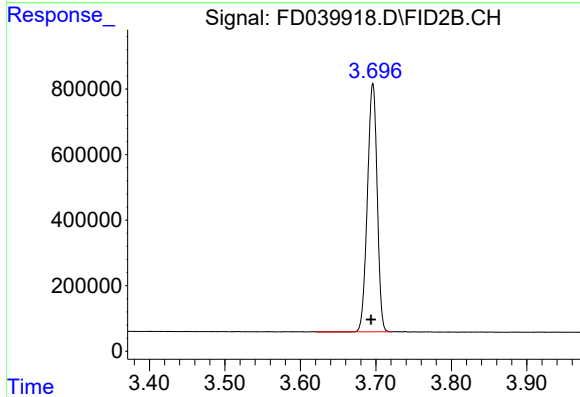




#1 n-Nonane (C9)

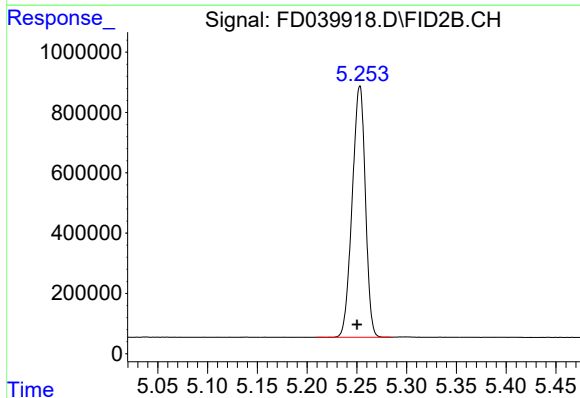
R.T.: 2.691 min
Delta R.T.: 0.002 min
Response: 6749078
Conc: 49.60 ug/ml

Instrument :
FID_B
ClientSampleId :



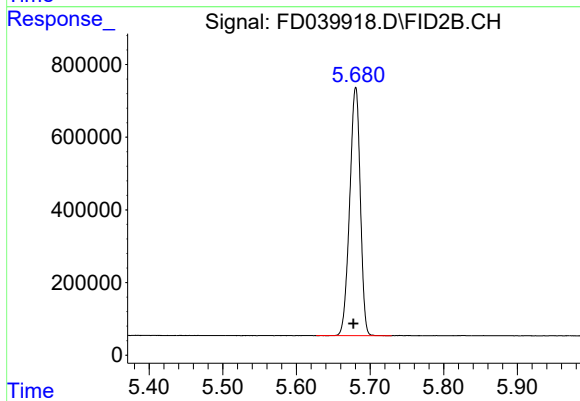
#2 n-Decane (C10)

R.T.: 3.696 min
Delta R.T.: 0.002 min
Response: 6805799
Conc: 49.59 ug/ml



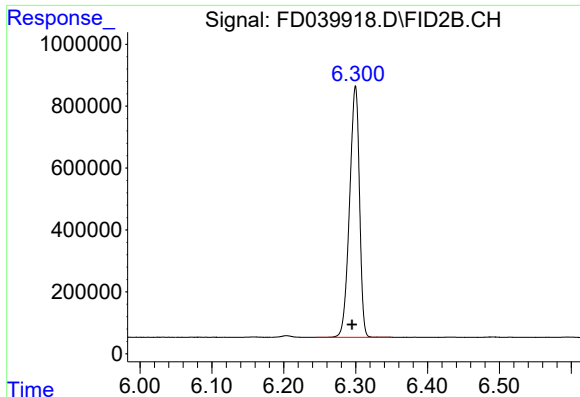
#3 A~Naphthalene (C11.7)

R.T.: 5.253 min
Delta R.T.: 0.003 min
Response: 7678933
Conc: 49.85 ug/ml



#4 n-Dodecane (C12)

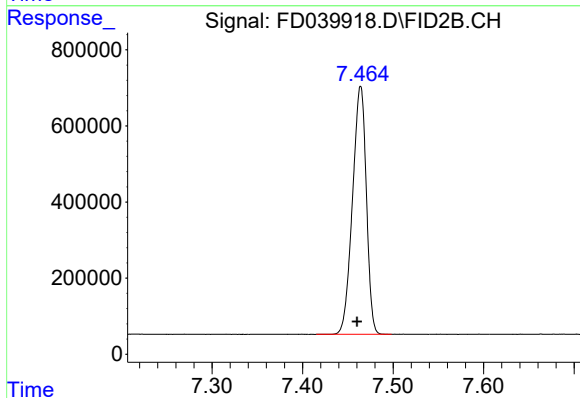
R.T.: 5.681 min
Delta R.T.: 0.003 min
Response: 6841654
Conc: 49.91 ug/ml



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

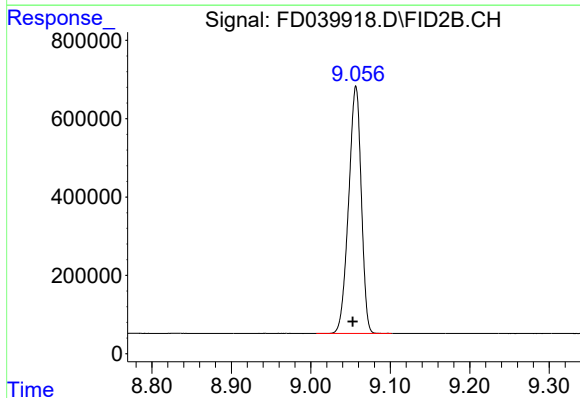
R.T.: 6.300 min
Delta R.T.: 0.005 min
Response: 7754639
Conc: 49.91 ug/ml

Instrument :
FID_B
ClientSampleId :



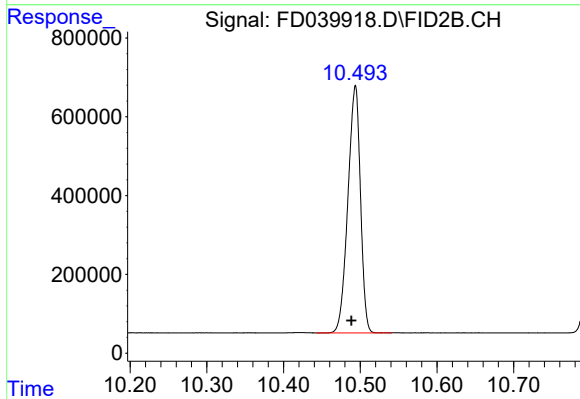
#6 n-Tetradecane (C14)

R.T.: 7.464 min
Delta R.T.: 0.004 min
Response: 6922696
Conc: 49.91 ug/ml



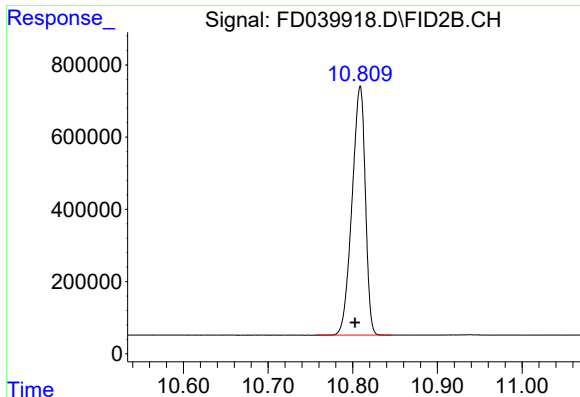
#7 n-Hexadecane (C16)

R.T.: 9.057 min
Delta R.T.: 0.004 min
Response: 6983376
Conc: 49.88 ug/ml



#8 n-Octadecane (C18)

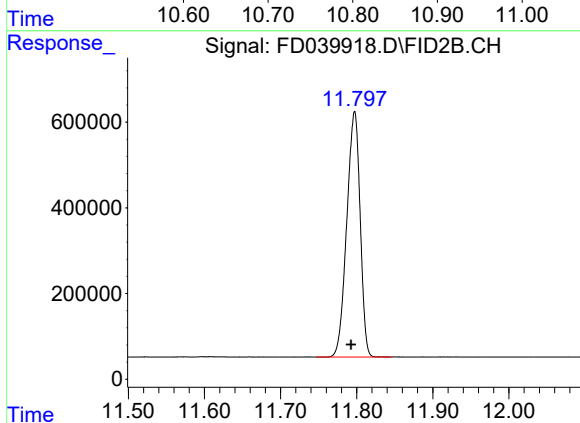
R.T.: 10.494 min
Delta R.T.: 0.005 min
Response: 7127645
Conc: 49.65 ug/ml



#9 ortho-Terphenyl (SURR)

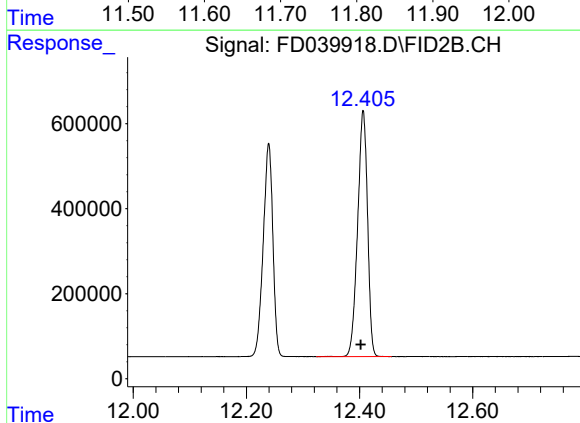
R.T.: 10.809 min
Delta R.T.: 0.006 min
Response: 7531184
Conc: 49.68 ug/ml

Instrument :
FID_B
ClientSampleId :



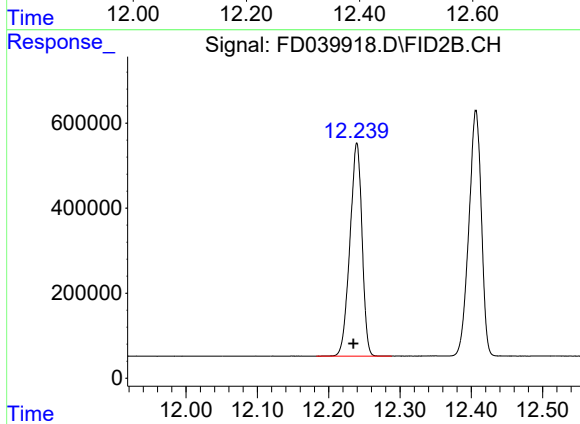
#10 n-Eicosane (C20)

R.T.: 11.797 min
Delta R.T.: 0.005 min
Response: 6997770
Conc: 49.61 ug/ml



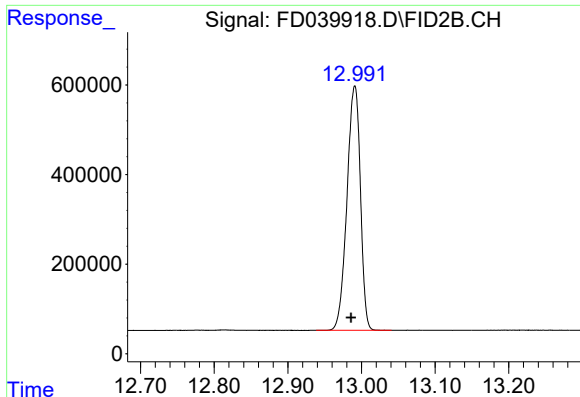
#11 n-Heneicosane (C21)

R.T.: 12.406 min
Delta R.T.: 0.005 min
Response: 7035335
Conc: 49.52 ug/ml



#12 1-chlorooctadecane (SURR)

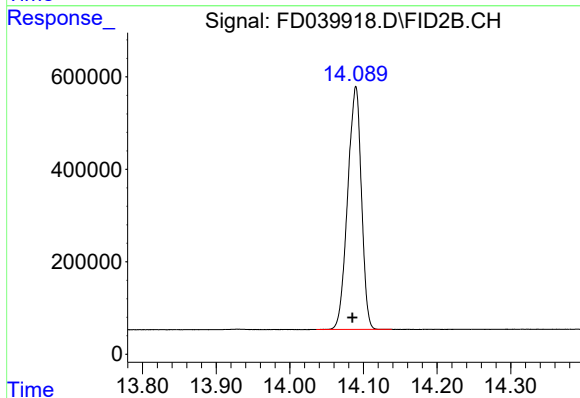
R.T.: 12.240 min
Delta R.T.: 0.005 min
Response: 5921089
Conc: 49.67 ug/ml



#13 n-Docosane (C22)

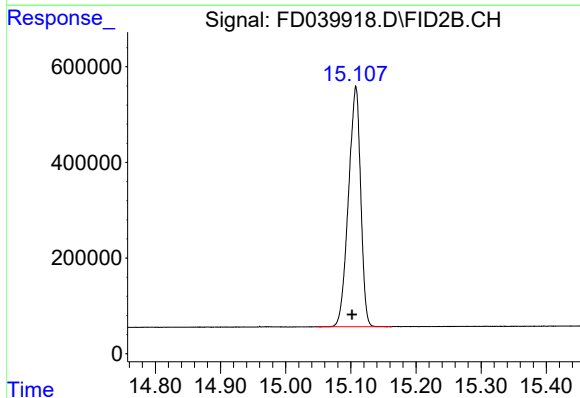
R.T.: 12.991 min
Delta R.T.: 0.005 min
Response: 6915087
Conc: 49.32 ug/ml

Instrument :
FID_B
ClientSampleId :



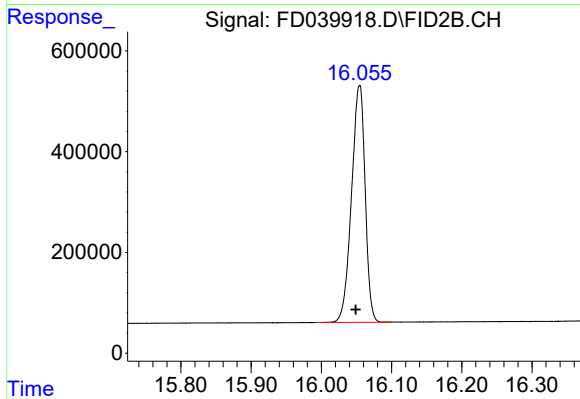
#14 n-Tetracosane (C24)

R.T.: 14.090 min
Delta R.T.: 0.005 min
Response: 6811887
Conc: 49.14 ug/ml



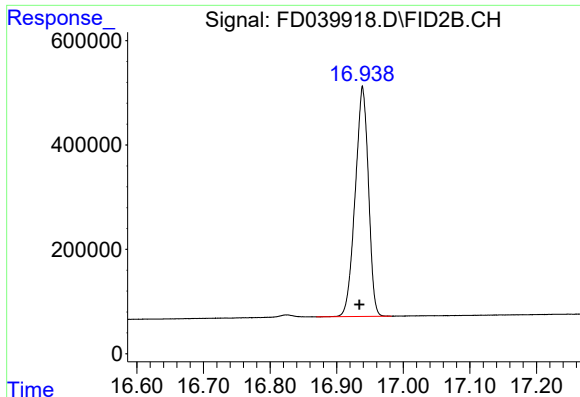
#15 n-Hexacosane (C26)

R.T.: 15.108 min
Delta R.T.: 0.006 min
Response: 6542132
Conc: 49.13 ug/ml



#16 n-Octacosane (C28)

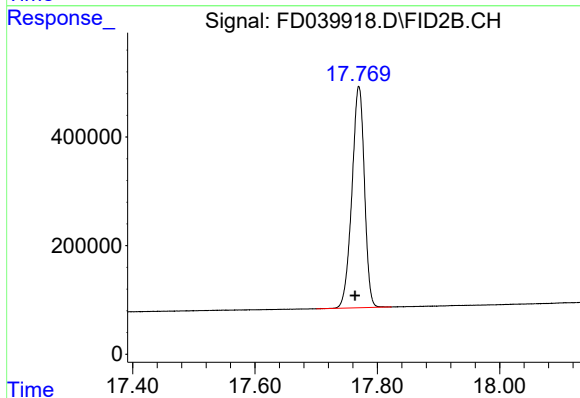
R.T.: 16.055 min
Delta R.T.: 0.005 min
Response: 6330304
Conc: 49.19 ug/ml



#17 n-Tricontane (C30)

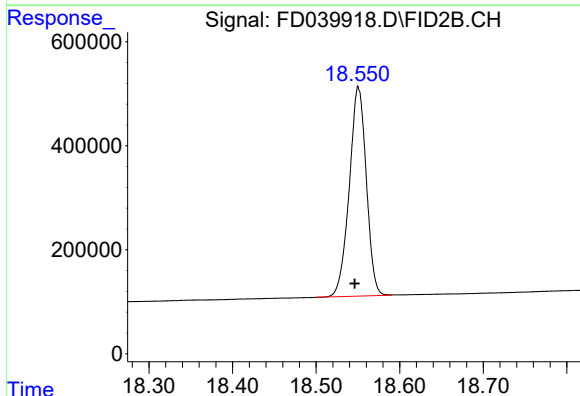
R.T.: 16.939 min
Delta R.T.: 0.005 min
Response: 6069976
Conc: 49.13 ug/ml

Instrument :
FID_B
ClientSampleId :



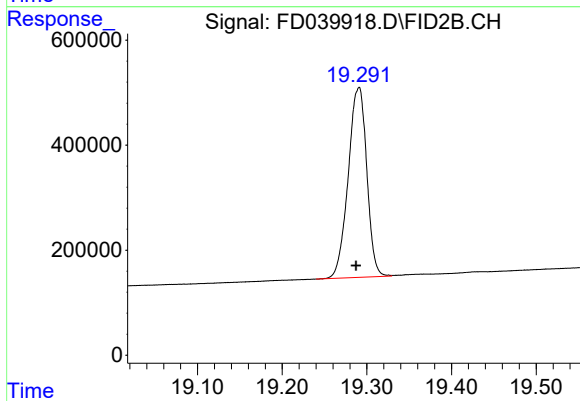
#18 n-Dotriacontane (C32)

R.T.: 17.770 min
Delta R.T.: 0.006 min
Response: 5796816
Conc: 49.11 ug/ml



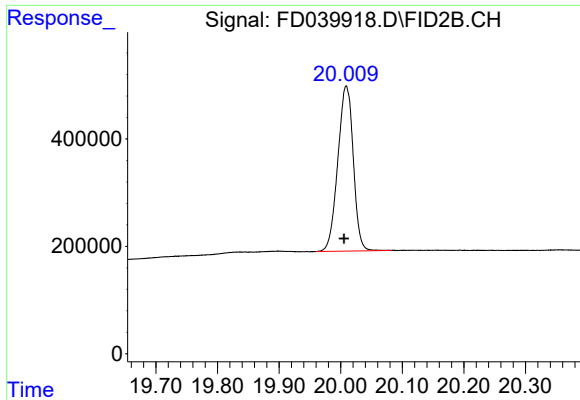
#19 n-Tetratriacontane (C34)

R.T.: 18.551 min
Delta R.T.: 0.004 min
Response: 5698716
Conc: 49.34 ug/ml



#20 n-Hexatriacontane (C36)

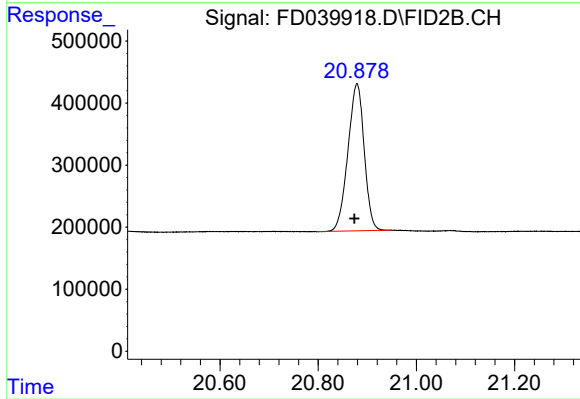
R.T.: 19.291 min
Delta R.T.: 0.004 min
Response: 5520370
Conc: 50.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.009 min
Delta R.T.: 0.003 min
Response: 5361623
Conc: 49.57 ug/ml

Instrument :
FID_B
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.879 min
Delta R.T.: 0.005 min
Response: 5459119
Conc: 49.59 ug/ml