

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121521AL\
 Data File : FD039917.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 14:06
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: sample.E
 Quant Time: Dec 15 15:52:38 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)	10.816	14939226	98.557 ug/ml
Spiked Amount 50.000		Recovery =	197.11%
12) S 1-chlorooctadecane (S...	12.245	11751732	98.573 ug/ml
Spiked Amount 50.000		Recovery =	197.15%
Target Compounds			
1) T n-Nonane (C9)	2.695	13358471	98.176 ug/ml
2) T n-Decane (C10)	3.700	13596646	99.072 ug/ml
3) T A~Naphthalene (C11.7)	5.259	15285235	99.219 ug/ml
4) T n-Dodecane (C12)	5.686	13650963	99.580 ug/ml
5) T A~2-methylnaphthalene...	6.306	15426759	99.295 ug/ml
6) T n-Tetradecane (C14)	7.469	13809959	99.570 ug/ml
7) T n-Hexadecane (C16)	9.062	13869755	99.070 ug/ml
8) T n-Octadecane (C18)	10.500	14129722	98.425 ug/ml
10) T n-Eicosane (C20)	11.803	13886866	98.440 ug/ml
11) T n-Heneicosane (C21)	12.413	13943297	98.137 ug/ml
13) T n-Docosane (C22)	12.996	13731281	97.935 ug/ml
14) T n-Tetracosane (C24)	14.096	13558646	97.816 ug/ml
15) T n-Hexacosane (C26)	15.115	13005639	97.661 ug/ml
16) T n-Octacosane (C28)	16.060	12579168	97.757 ug/ml
17) T n-Tricontane (C30)	16.945	12052143	97.553 ug/ml
18) T n-Dotriacontane (C32)	17.775	11486814	97.308 ug/ml
19) T n-Tetratriacontane (C34)	18.557	11317461	97.988 ug/ml
20) T n-Hexatriacontane (C36)	19.296	10933637	99.055 ug/ml
21) T n-Octatriacontane (C38)	20.017	10655148	98.508 ug/ml
22) T n-Tetracontane (C40)	20.887	10884828	98.873 ug/ml

(f)=RT Delta > 1/2 Window

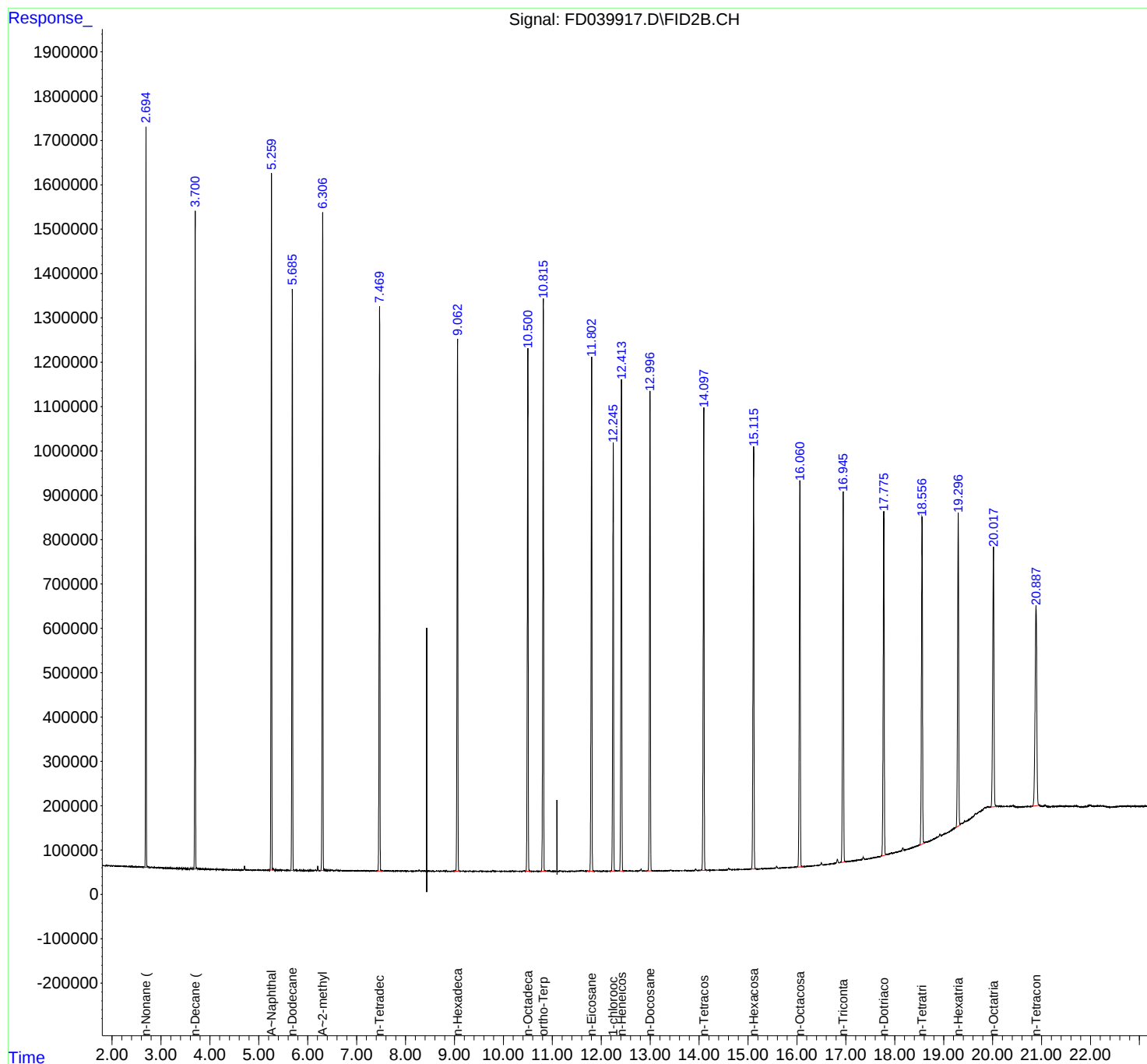
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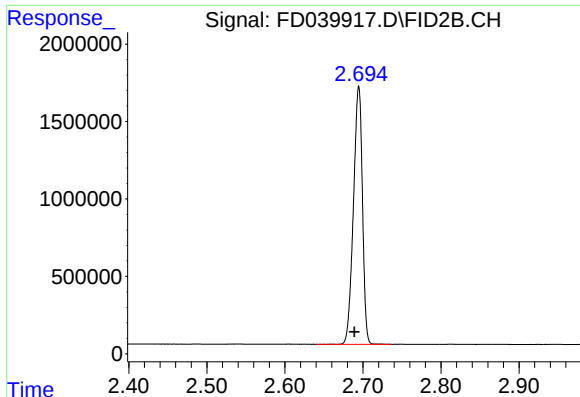
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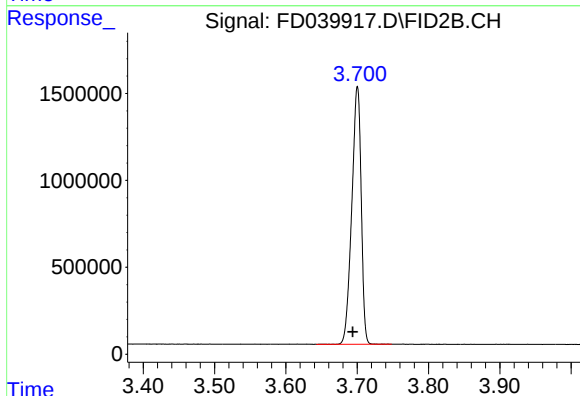




#1 n-Nonane (C9)

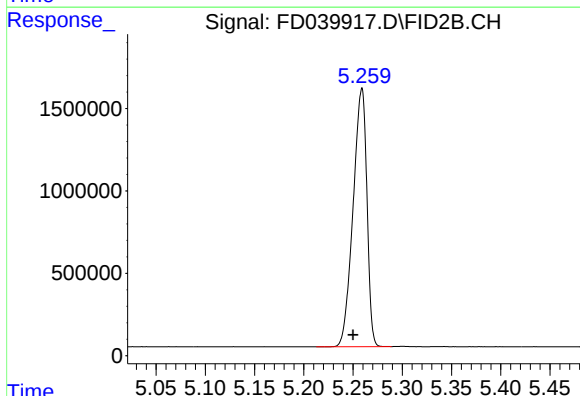
R.T.: 2.695 min
Delta R.T.: 0.006 min
Response: 13358471
Conc: 98.18 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



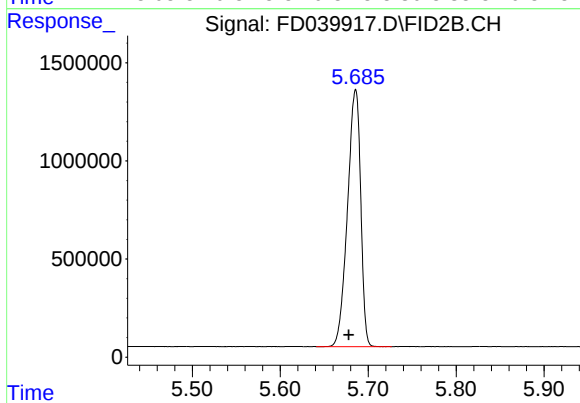
#2 n-Decane (C10)

R.T.: 3.700 min
Delta R.T.: 0.007 min
Response: 13596646
Conc: 99.07 ug/ml



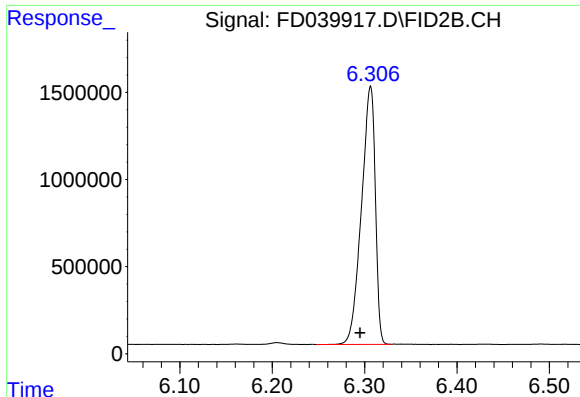
#3 A~Naphthalene (C11.7)

R.T.: 5.259 min
Delta R.T.: 0.009 min
Response: 15285235
Conc: 99.22 ug/ml



#4 n-Dodecane (C12)

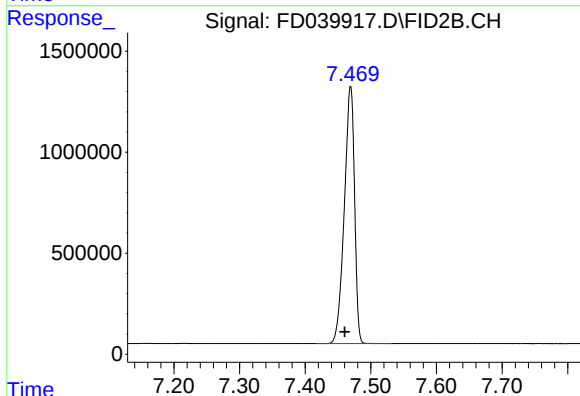
R.T.: 5.686 min
Delta R.T.: 0.008 min
Response: 13650963
Conc: 99.58 ug/ml



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

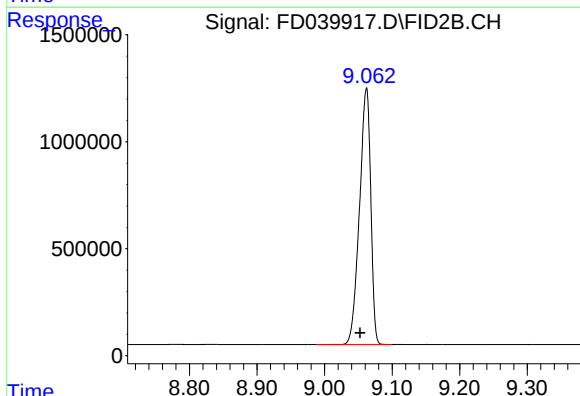
R.T.: 6.306 min
Delta R.T.: 0.011 min
Response: 15426759
Conc: 99.30 ug/ml

Instrument :
FID_D
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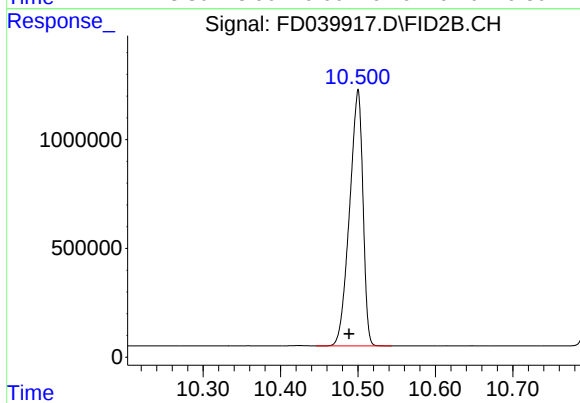
#6 n-Tetradecane (C14)

R.T.: 7.469 min
Delta R.T.: 0.009 min
Response: 13809959
Conc: 99.57 ug/ml



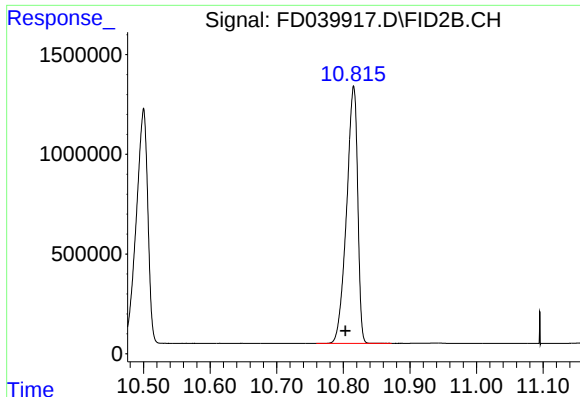
#7 n-Hexadecane (C16)

R.T.: 9.062 min
Delta R.T.: 0.009 min
Response: 13869755
Conc: 99.07 ug/ml



#8 n-Octadecane (C18)

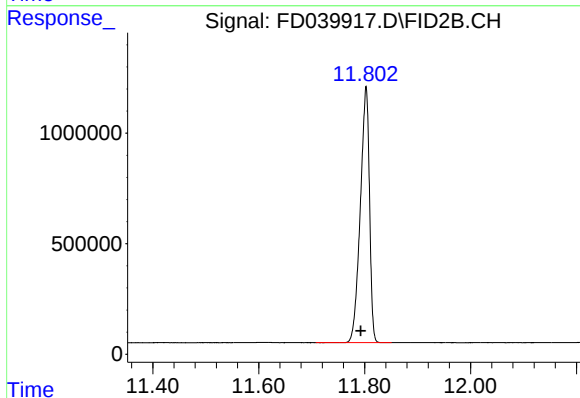
R.T.: 10.500 min
Delta R.T.: 0.012 min
Response: 14129722
Conc: 98.42 ug/ml



#9 ortho-Terphenyl (SURR)

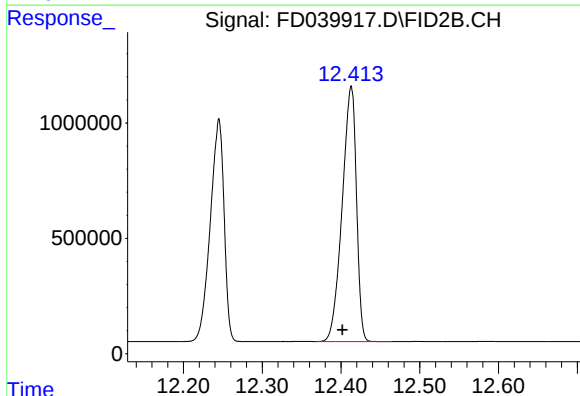
R.T.: 10.816 min
Delta R.T.: 0.013 min
Response: 14939226
Conc: 98.56 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



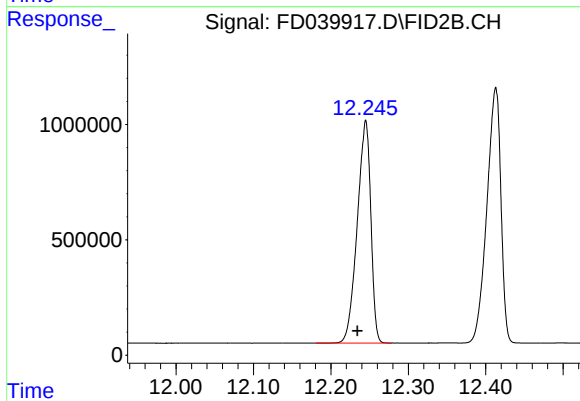
#10 n-Eicosane (C20)

R.T.: 11.803 min
Delta R.T.: 0.010 min
Response: 13886866
Conc: 98.44 ug/ml



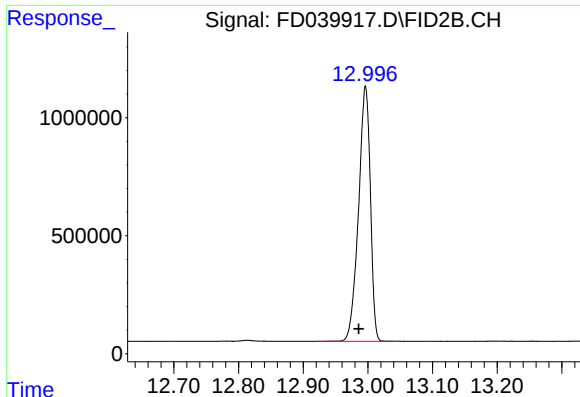
#11 n-Heneicosane (C21)

R.T.: 12.413 min
Delta R.T.: 0.011 min
Response: 13943297
Conc: 98.14 ug/ml



#12 1-chlorooctadecane (SURR)

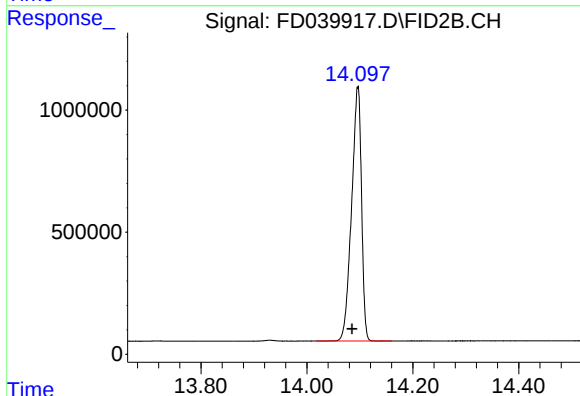
R.T.: 12.245 min
Delta R.T.: 0.011 min
Response: 11751732
Conc: 98.57 ug/ml



#13 n-Docosane (C22)

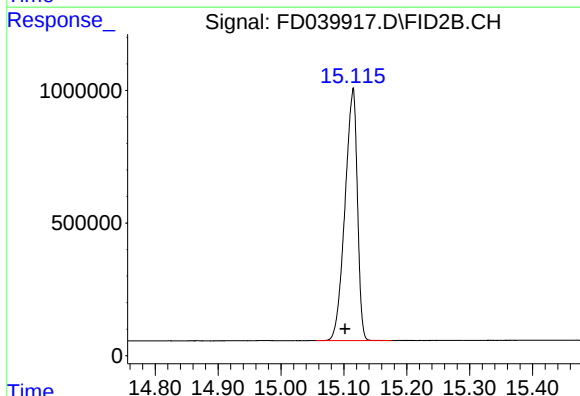
R.T.: 12.996 min
Delta R.T.: 0.010 min
Response: 13731281
Conc: 97.93 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



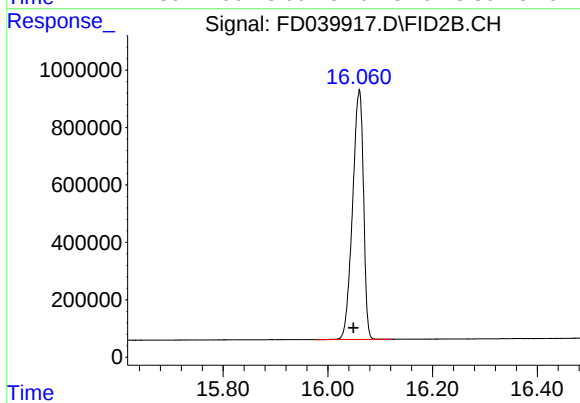
#14 n-Tetracosane (C24)

R.T.: 14.096 min
Delta R.T.: 0.011 min
Response: 13558646
Conc: 97.82 ug/ml



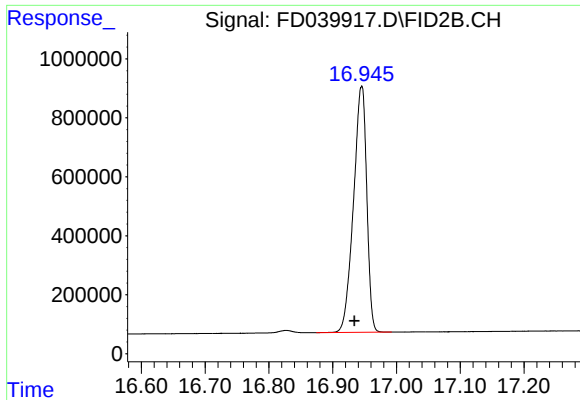
#15 n-Hexacosane (C26)

R.T.: 15.115 min
Delta R.T.: 0.013 min
Response: 13005639
Conc: 97.66 ug/ml



#16 n-Octacosane (C28)

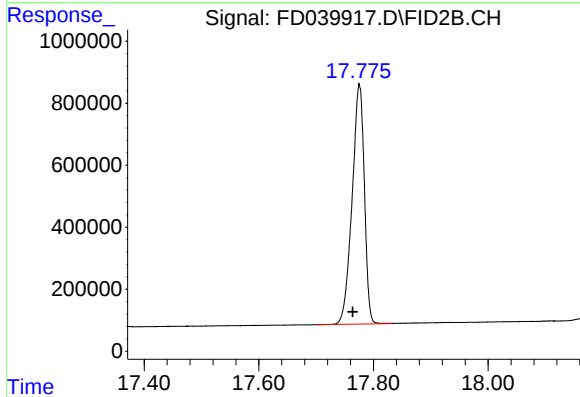
R.T.: 16.060 min
Delta R.T.: 0.011 min
Response: 12579168
Conc: 97.76 ug/ml



#17 n-Tricontane (C30)

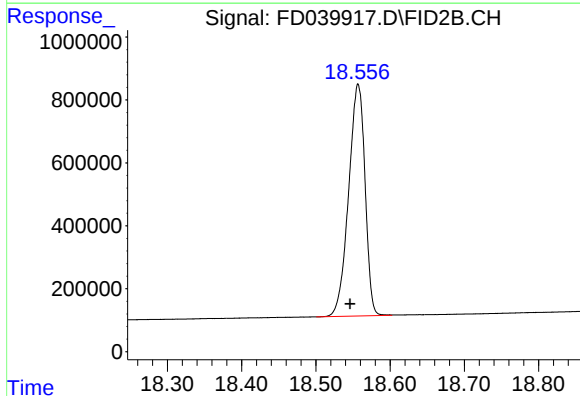
R.T.: 16.945 min
Delta R.T.: 0.011 min
Response: 12052143
Conc: 97.55 ug/ml

Instrument :
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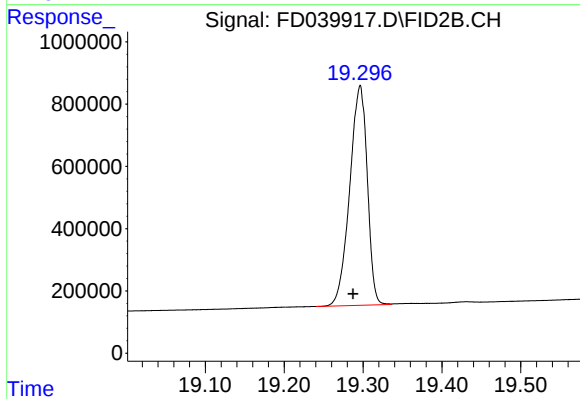
#18 n-Dotriacontane (C32)

R.T.: 17.775 min
Delta R.T.: 0.012 min
Response: 11486814
Conc: 97.31 ug/ml



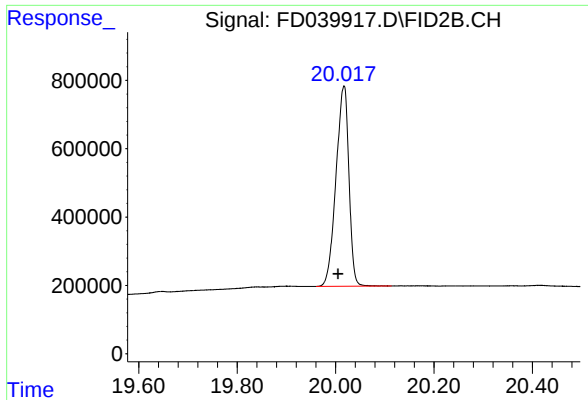
#19 n-Tetratriacontane (C34)

R.T.: 18.557 min
Delta R.T.: 0.011 min
Response: 11317461
Conc: 97.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.296 min
Delta R.T.: 0.009 min
Response: 10933637
Conc: 99.06 ug/ml



#21 n-Octatriacontane (C38)

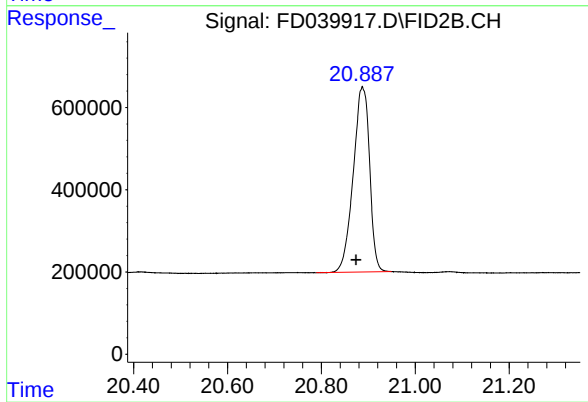
R.T.: 20.017 min
Delta R.T.: 0.012 min
Response: 10655148
Conc: 98.51 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 20.887 min
Delta R.T.: 0.014 min
Response: 10884828
Conc: 98.87 ug/ml