

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121521AL\
 Data File : FD039922.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 16:53
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: sample.E
 Quant Time: Dec 16 01:23:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 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)	10.800	3007149	19.155 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
12) S 1-chlorooctadecane (S...	12.232	2367745	19.173 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
Target Compounds			
1) T n-Nonane (C9)	2.687	2710006	19.258 ug/ml
2) T n-Decane (C10)	3.692	2740362	19.213 ug/ml
3) T A~Naphthalene (C11.7)	5.247	3072867	19.143 ug/ml
4) T n-Dodecane (C12)	5.675	2754060	19.288 ug/ml
5) T A~2-methylnaphthalene...	6.292	3098823	19.202 ug/ml
6) T n-Tetradecane (C14)	7.458	2779928	19.288 ug/ml
7) T n-Hexadecane (C16)	9.050	2797514	19.230 ug/ml
8) T n-Octadecane (C18)	10.486	2852348	19.169 ug/ml
10) T n-Eicosane (C20)	11.790	2814888	19.247 ug/ml
11) T n-Heneicosane (C21)	12.400	2830814	19.268 ug/ml
13) T n-Docosane (C22)	12.984	2794648	19.138 ug/ml
14) T n-Tetracosane (C24)	14.083	2764510	18.981 ug/ml
15) T n-Hexacosane (C26)	15.099	2657720	18.949 ug/ml
16) T n-Octacosane (C28)	16.046	2583493	19.049 ug/ml
17) T n-Tricontane (C30)	16.931	2502426	19.150 ug/ml
18) T n-Dotriacontane (C32)	17.763	2466581	19.819 ug/ml
19) T n-Tetratriacontane (C34)	18.545	2385867	19.753 ug/ml
20) T n-Hexatriacontane (C36)	19.283	2312229	20.106 ug/ml
21) T n-Octatriacontane (C38)	20.001	2222566	19.912 ug/ml
22) T n-Tetracontane (C40)	20.869	2171522	19.058 ug/ml

(f)=RT Delta > 1/2 Window

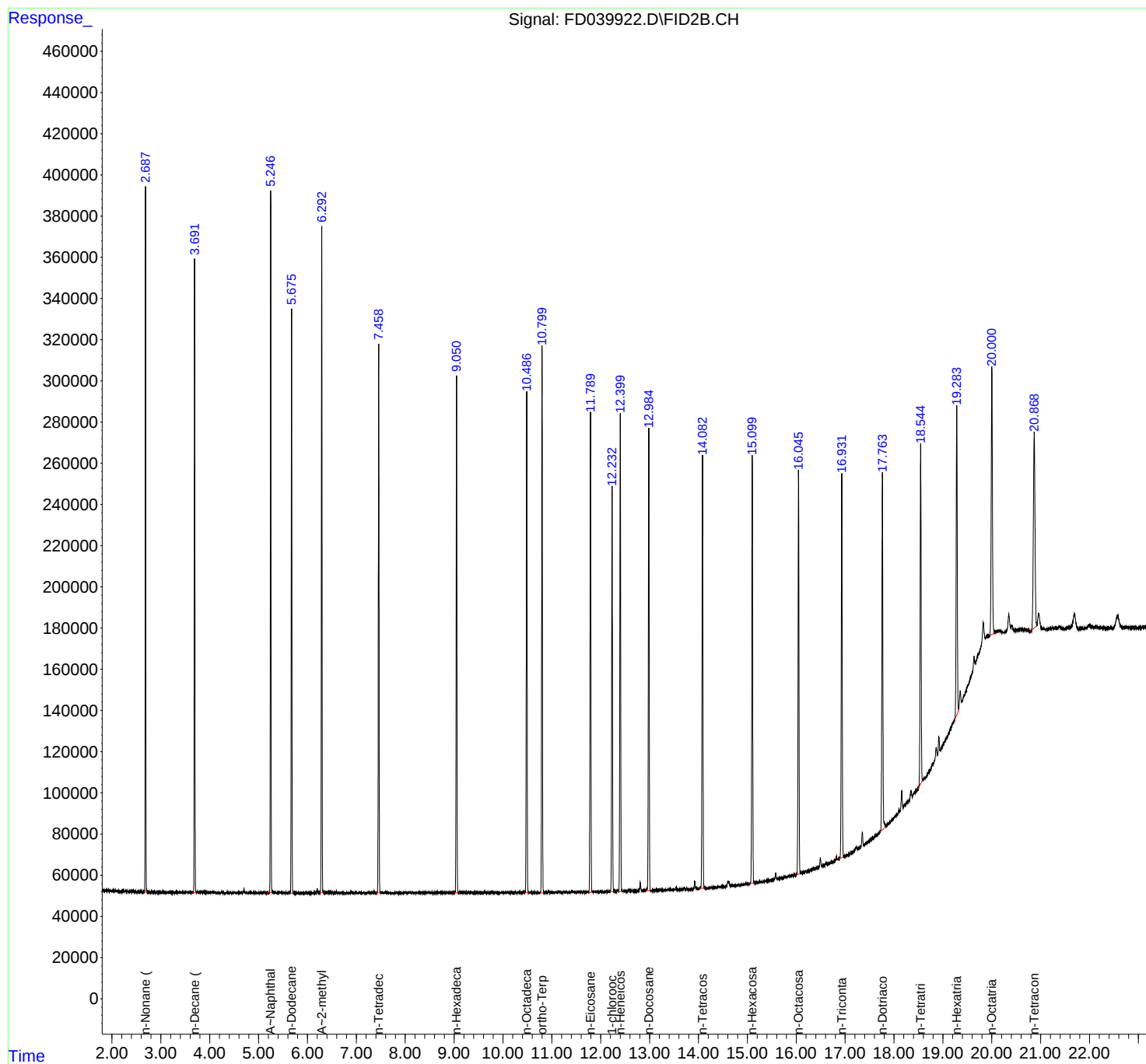
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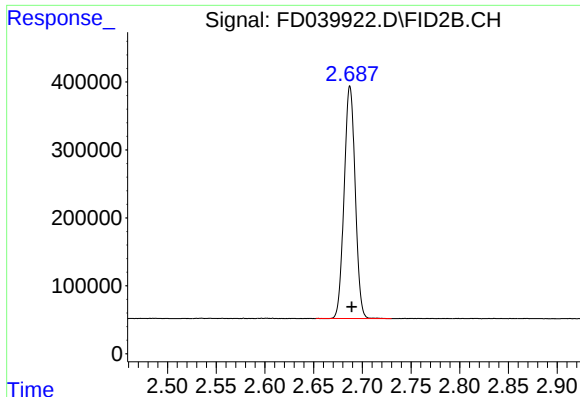
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#1 n-Nonane (C9)

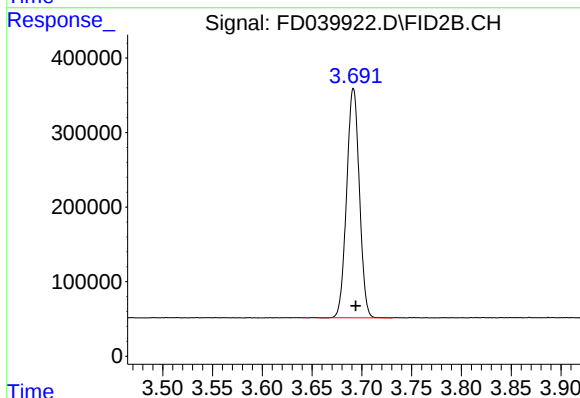
R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 2710006
Conc: 19.26 ug/ml

Instrument :

FID_D

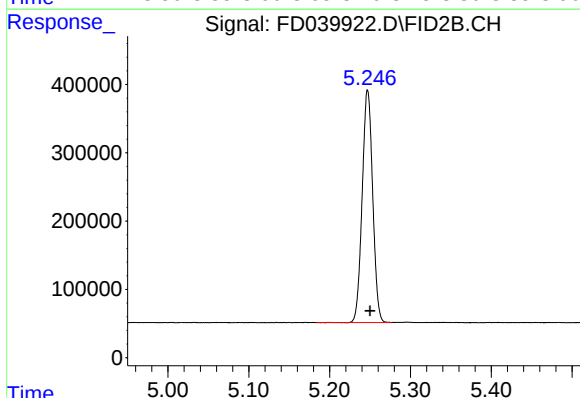
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



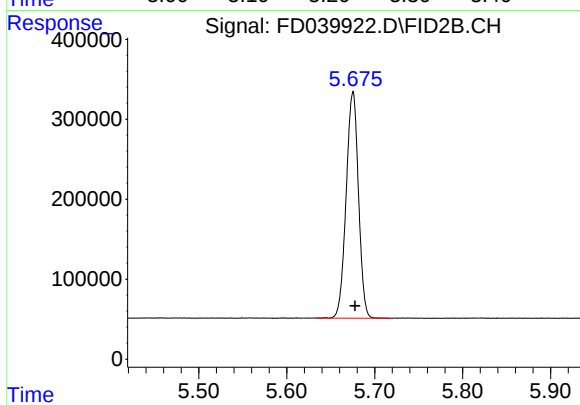
#2 n-Decane (C10)

R.T.: 3.692 min
Delta R.T.: -0.002 min
Response: 2740362
Conc: 19.21 ug/ml



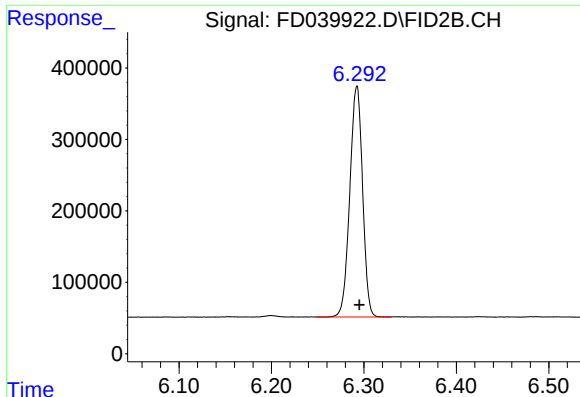
#3 A~Naphthalene (C11.7)

R.T.: 5.247 min
Delta R.T.: -0.003 min
Response: 3072867
Conc: 19.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.675 min
Delta R.T.: -0.002 min
Response: 2754060
Conc: 19.29 ug/ml



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

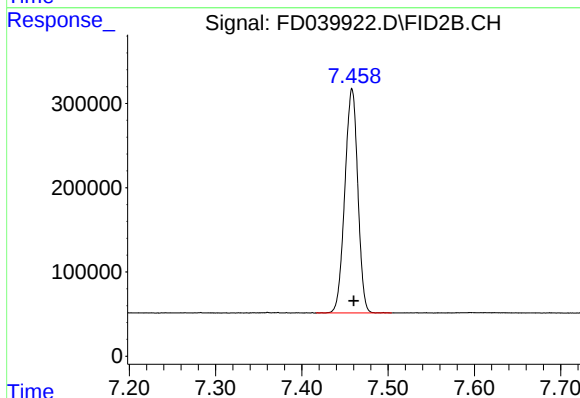
R.T.: 6.292 min
Delta R.T.: -0.003 min
Response: 3098823
Conc: 19.20 ug/ml

Instrument :

FID_D

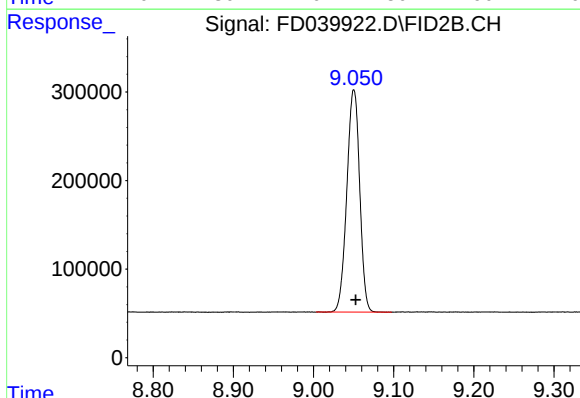
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



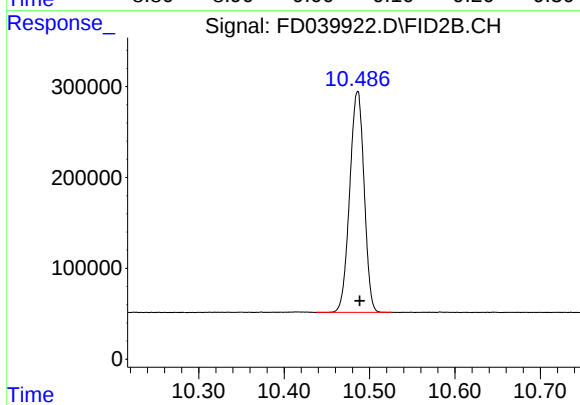
#6 n-Tetradecane (C14)

R.T.: 7.458 min
Delta R.T.: -0.002 min
Response: 2779928
Conc: 19.29 ug/ml



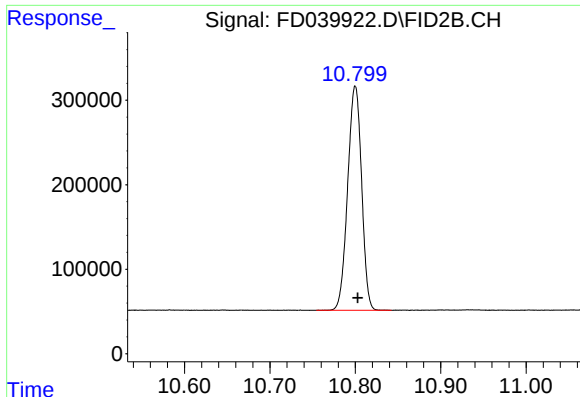
#7 n-Hexadecane (C16)

R.T.: 9.050 min
Delta R.T.: -0.002 min
Response: 2797514
Conc: 19.23 ug/ml



#8 n-Octadecane (C18)

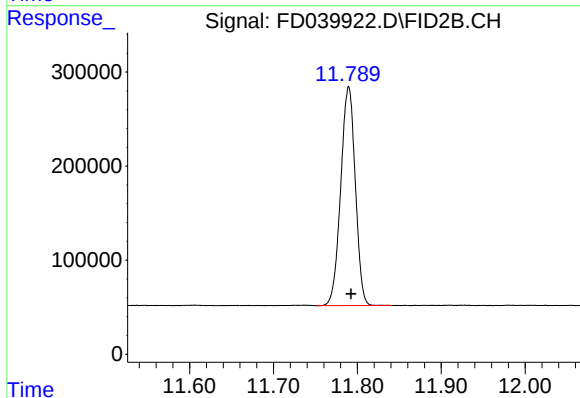
R.T.: 10.486 min
Delta R.T.: -0.002 min
Response: 2852348
Conc: 19.17 ug/ml



#9 ortho-Terphenyl (SURR)

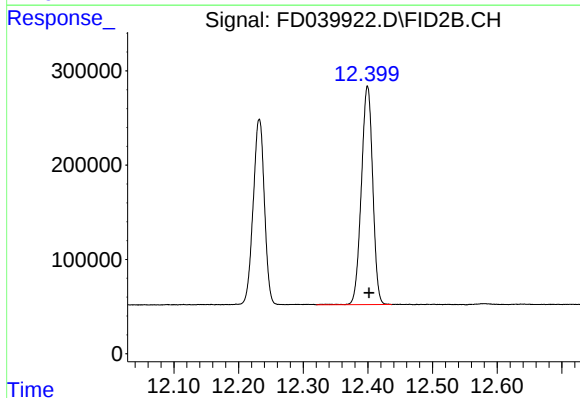
R.T.: 10.800 min
Delta R.T.: -0.003 min
Response: 3007149
Conc: 19.16 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD ICV



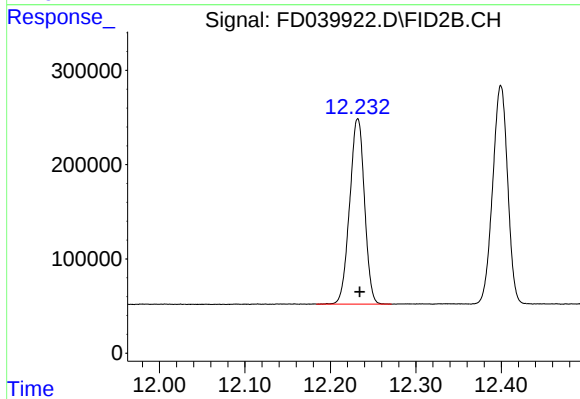
#10 n-Eicosane (C20)

R.T.: 11.790 min
Delta R.T.: -0.003 min
Response: 2814888
Conc: 19.25 ug/ml



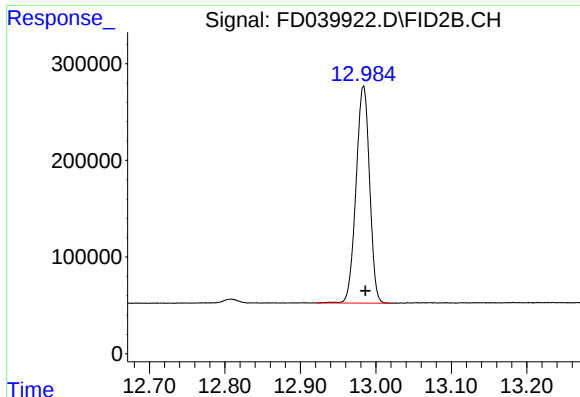
#11 n-Heneicosane (C21)

R.T.: 12.400 min
Delta R.T.: -0.002 min
Response: 2830814
Conc: 19.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.232 min
Delta R.T.: -0.002 min
Response: 2367745
Conc: 19.17 ug/ml



#13 n-Docosane (C22)

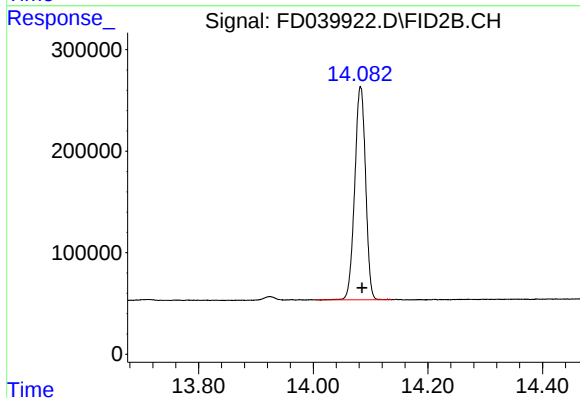
R.T.: 12.984 min
Delta R.T.: -0.002 min
Response: 2794648
Conc: 19.14 ug/ml

Instrument :

FID_D

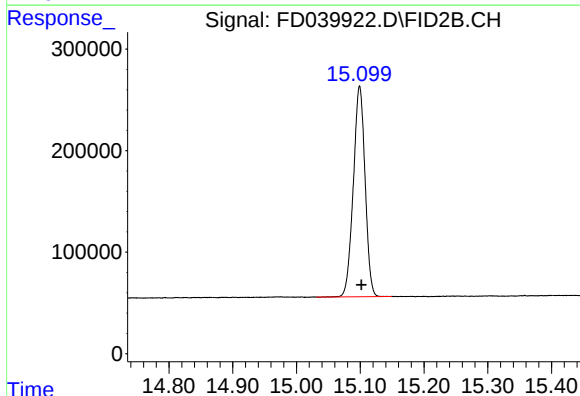
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



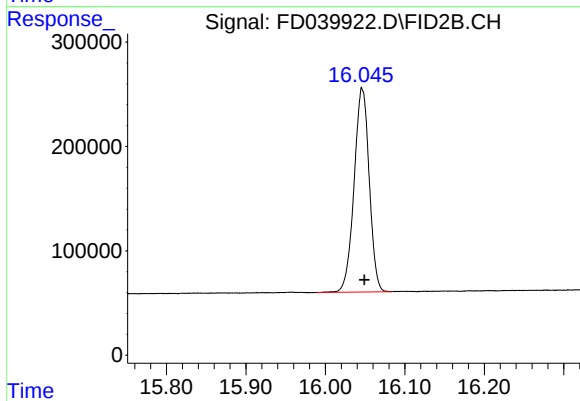
#14 n-Tetracosane (C24)

R.T.: 14.083 min
Delta R.T.: -0.003 min
Response: 2764510
Conc: 18.98 ug/ml



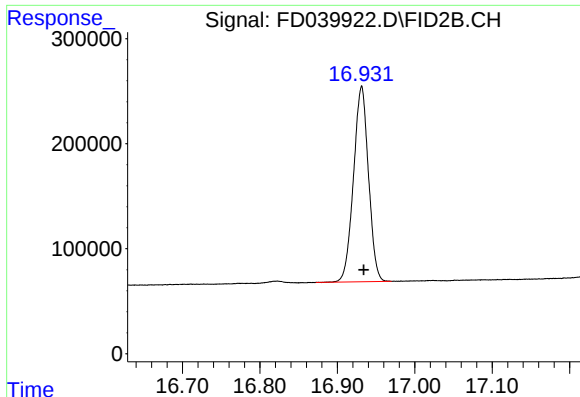
#15 n-Hexacosane (C26)

R.T.: 15.099 min
Delta R.T.: -0.003 min
Response: 2657720
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.046 min
Delta R.T.: -0.003 min
Response: 2583493
Conc: 19.05 ug/ml



#17 n-Tricontane (C30)

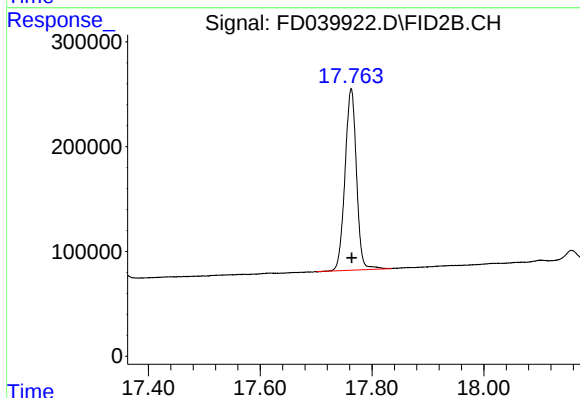
R.T.: 16.931 min
Delta R.T.: -0.003 min
Response: 2502426
Conc: 19.15 ug/ml

Instrument :

FID_D

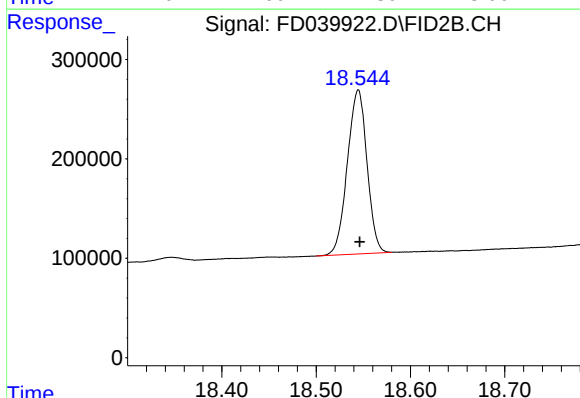
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



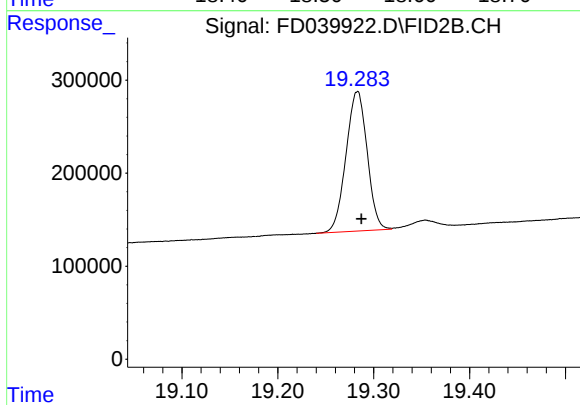
#18 n-Dotriacontane (C32)

R.T.: 17.763 min
Delta R.T.: 0.000 min
Response: 2466581
Conc: 19.82 ug/ml



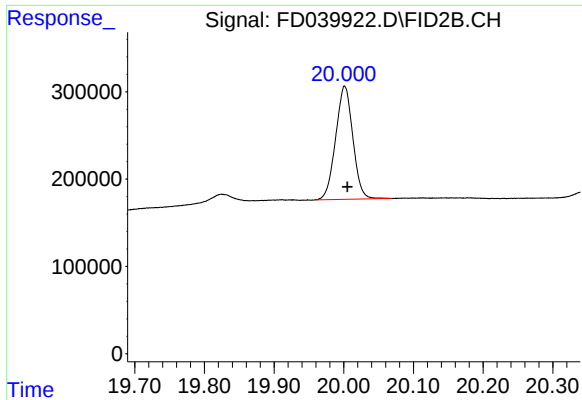
#19 n-Tetratriacontane (C34)

R.T.: 18.545 min
Delta R.T.: -0.002 min
Response: 2385867
Conc: 19.75 ug/ml



#20 n-Hexatriacontane (C36)

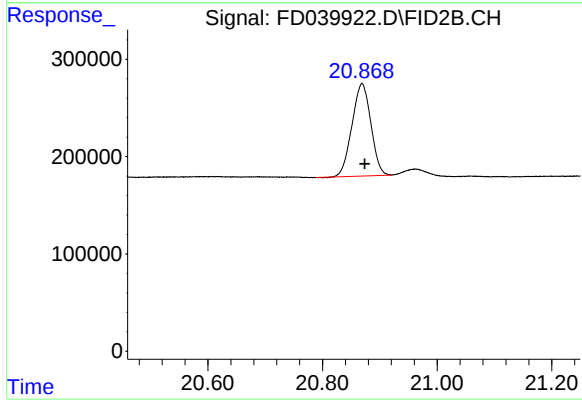
R.T.: 19.283 min
Delta R.T.: -0.004 min
Response: 2312229
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.001 min
Delta R.T.: -0.004 min
Response: 2222566
Conc: 19.91 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 20.869 min
Delta R.T.: -0.005 min
Response: 2171522
Conc: 19.06 ug/ml