

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
 Data File : FE035114.D
 Signal(s) : FID1B.CH
 Acq On : 21 Feb 2022 20:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: sample.E
 Quant Time: Feb 22 01:41:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022222.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 22 01:24:23 2022
 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)	11.734	19555782	19.598 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
12) S 1-chlorooctadecane (S...	13.149	15214960	19.591 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
Target Compounds			
1) T n-Nonane (C9)	3.616	16208885	19.750 ug/ml
2) T n-Decane (C10)	4.612	16689354	19.707 ug/ml
3) T A~Naphthalene (C11.7)	6.167	18523232	19.630 ug/ml
4) T n-Dodecane (C12)	6.586	17256551	19.650 ug/ml
5) T A~2-methylnaphthalene...	7.216	18681617	19.615 ug/ml
6) T n-Tetradecane (C14)	8.369	17294774	19.673 ug/ml
7) T n-Hexadecane (C16)	9.963	17562189	19.706 ug/ml
8) T n-Octadecane (C18)	11.403	17740367	19.666 ug/ml
10) T n-Eicosane (C20)	12.705	17628233	19.647 ug/ml
11) T n-Heneicosane (C21)	13.315	17653334	19.626 ug/ml
13) T n-Docosane (C22)	13.900	17545732	19.592 ug/ml
14) T n-Tetracosane (C24)	14.997	17215487	19.550 ug/ml
15) T n-Hexacosane (C26)	16.013	16459965	19.505 ug/ml
16) T n-Octacosane (C28)	16.957	15292771	19.478 ug/ml
17) T n-Tricontane (C30)	17.839	13561875	19.469 ug/ml
18) T n-Dotriacontane (C32)	18.665	11067365	19.608 ug/ml
19) T n-Tetratriacontane (C34)	19.443	8294288	19.906 ug/ml
20) T n-Hexatriacontane (C36)	20.176	5704677	20.347 ug/ml
21) T n-Octatriacontane (C38)	20.921	3812900	20.825 ug/ml
22) T n-Tetracontane (C40)	21.850	2623701	21.059 ug/ml

(f)=RT Delta > 1/2 Window

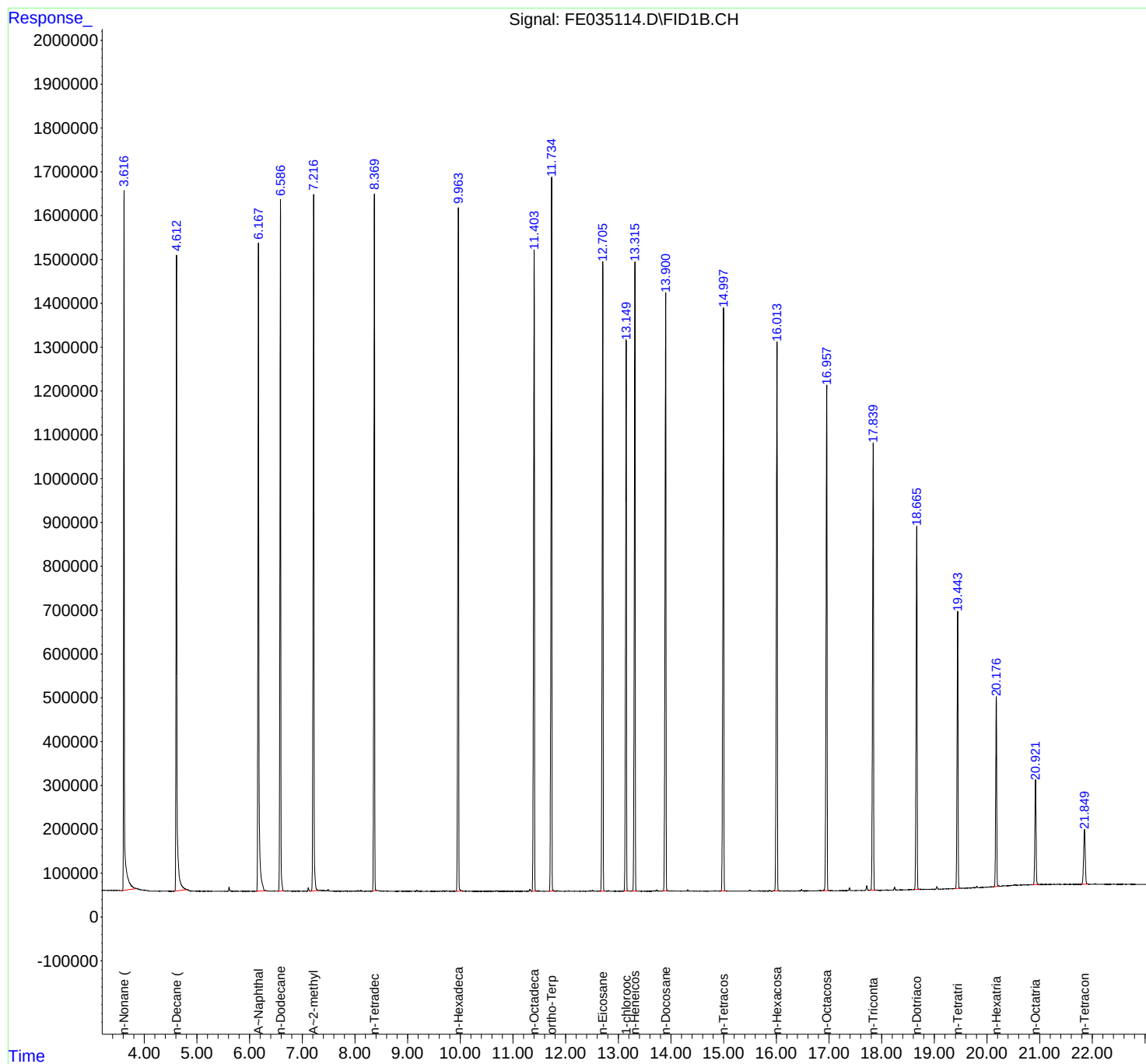
(m)=manual int.

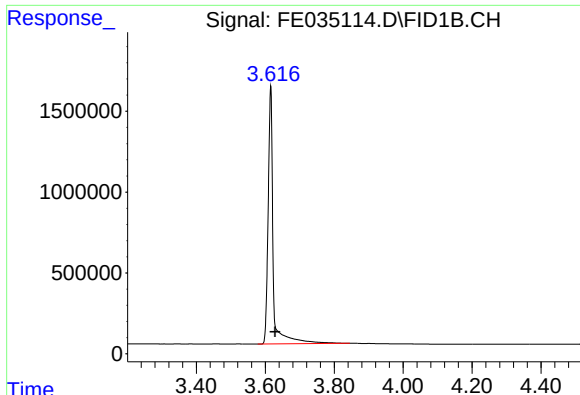
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
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#1 n-Nonane (C9)

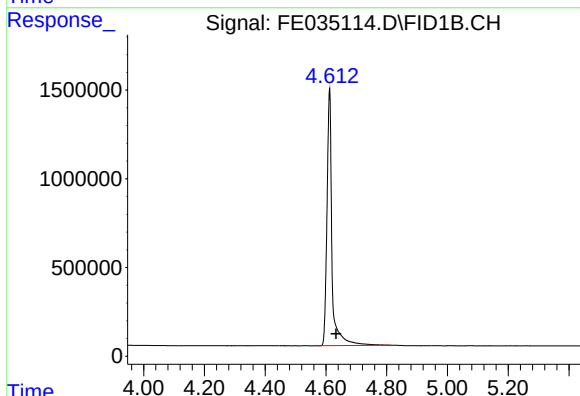
R.T.: 3.616 min
Delta R.T.: -0.012 min
Response: 16208885
Conc: 19.75 ug/ml

Instrument :

FID_E

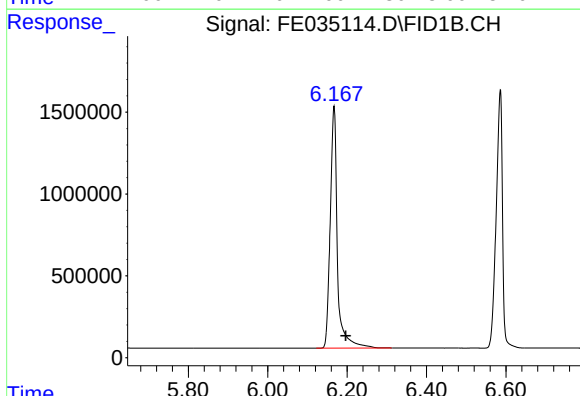
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



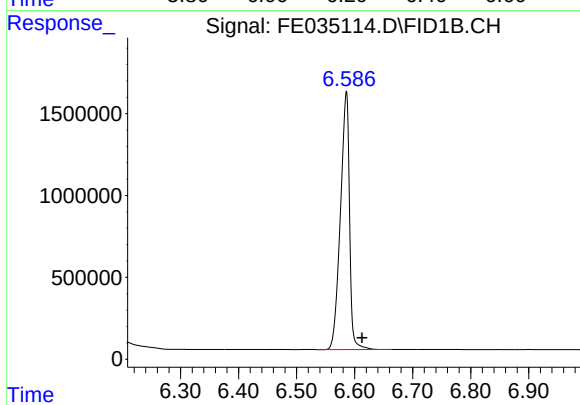
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.022 min
Response: 16689354
Conc: 19.71 ug/ml



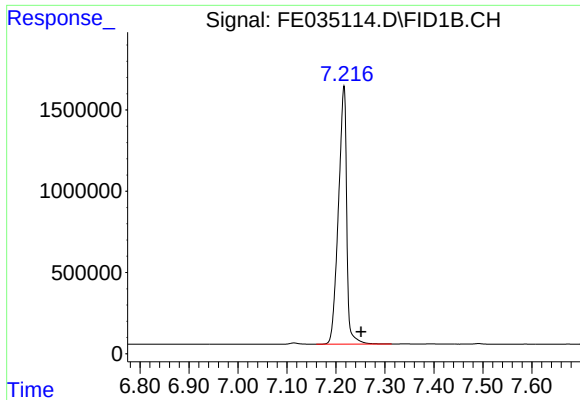
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.030 min
Response: 18523232
Conc: 19.63 ug/ml



#4 n-Dodecane (C12)

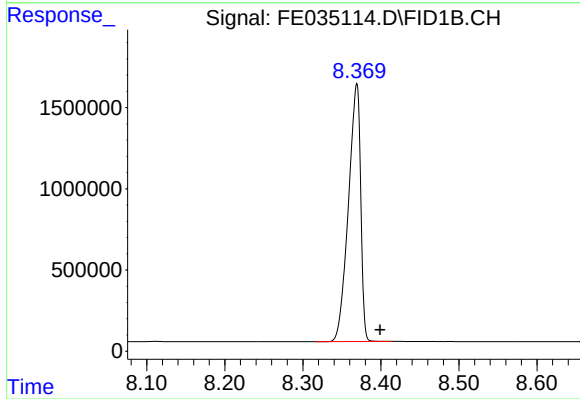
R.T.: 6.586 min
Delta R.T.: -0.027 min
Response: 17256551
Conc: 19.65 ug/ml



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

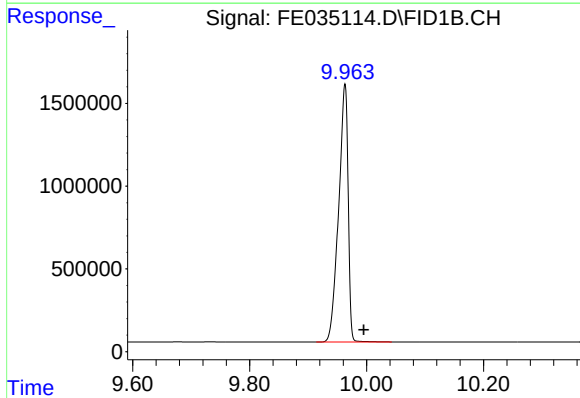
R.T.: 7.216 min
Delta R.T.: -0.035 min
Response: 18681617
Conc: 19.62 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD ICV



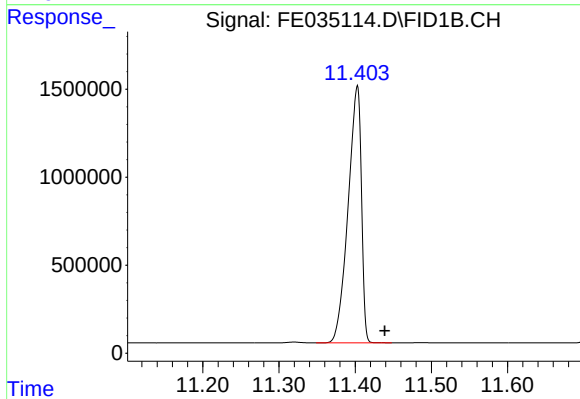
#6 n-Tetradecane (C14)

R.T.: 8.369 min
Delta R.T.: -0.030 min
Response: 17294774
Conc: 19.67 ug/ml



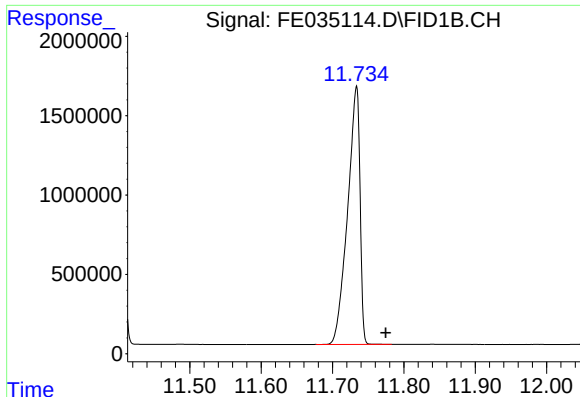
#7 n-Hexadecane (C16)

R.T.: 9.963 min
Delta R.T.: -0.032 min
Response: 17562189
Conc: 19.71 ug/ml



#8 n-Octadecane (C18)

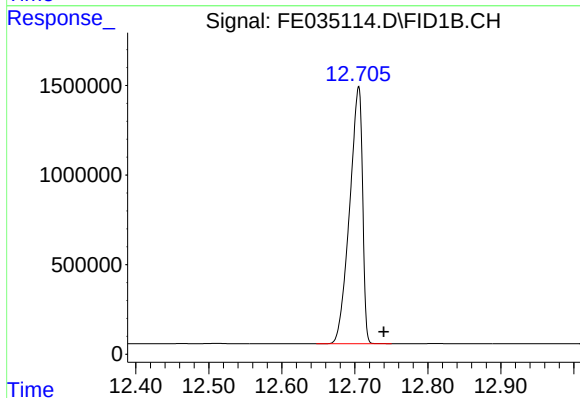
R.T.: 11.403 min
Delta R.T.: -0.036 min
Response: 17740367
Conc: 19.67 ug/ml



#9 ortho-Terphenyl (SURR)

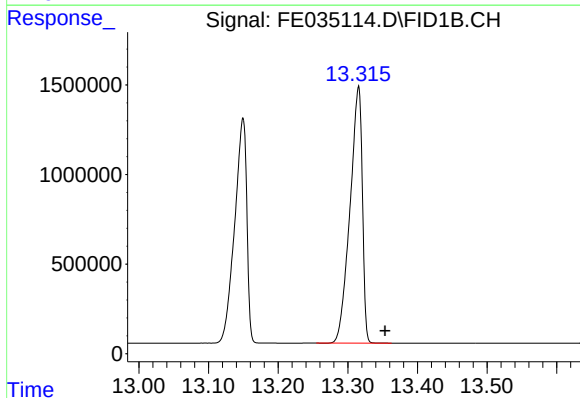
R.T.: 11.734 min
Delta R.T.: -0.041 min
Response: 19555782
Conc: 19.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD ICV



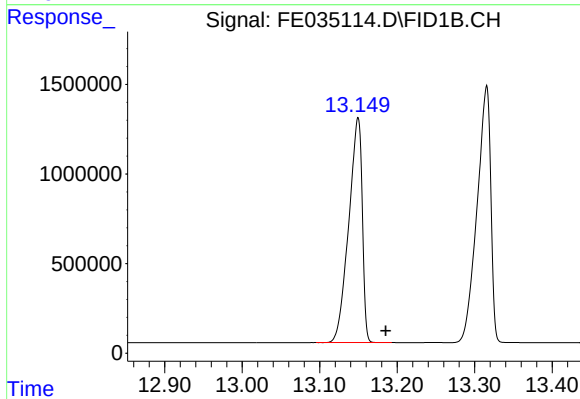
#10 n-Eicosane (C20)

R.T.: 12.705 min
Delta R.T.: -0.034 min
Response: 17628233
Conc: 19.65 ug/ml



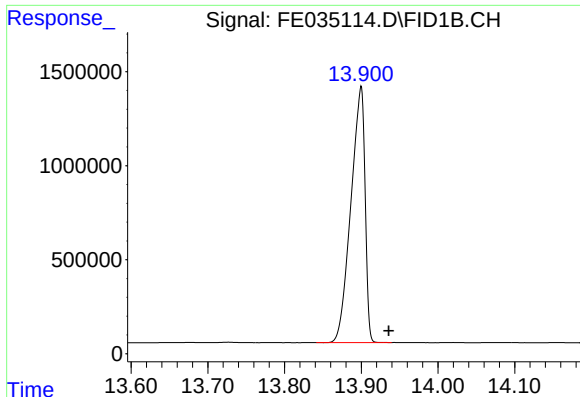
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: -0.038 min
Response: 17653334
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.149 min
Delta R.T.: -0.036 min
Response: 15214960
Conc: 19.59 ug/ml



#13 n-Docosane (C22)

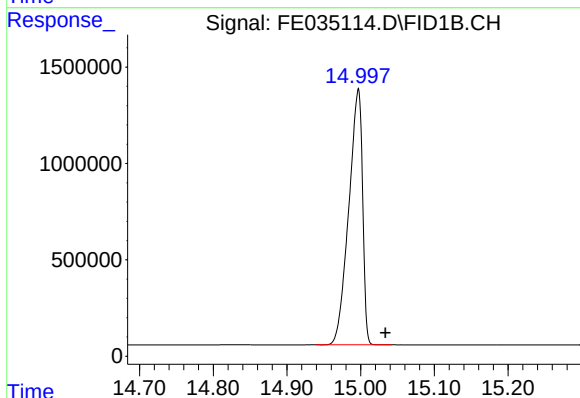
R.T.: 13.900 min
Delta R.T.: -0.036 min
Response: 17545732
Conc: 19.59 ug/ml

Instrument :

FID_E

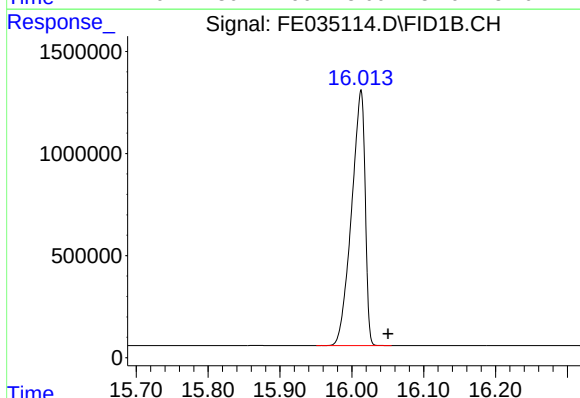
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



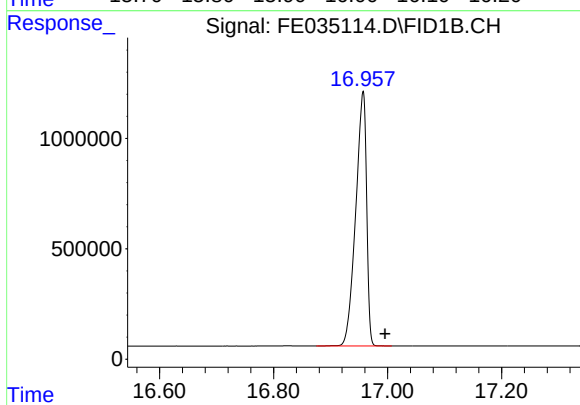
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.037 min
Response: 17215487
Conc: 19.55 ug/ml



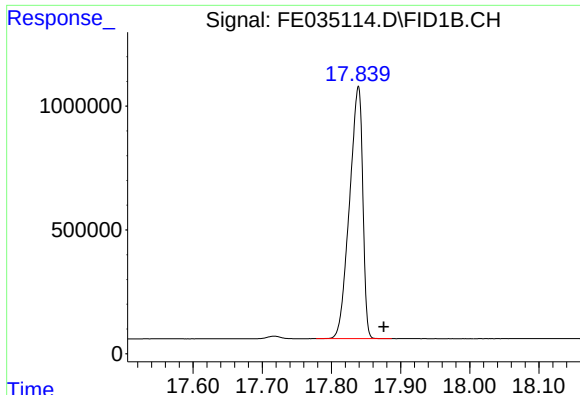
#15 n-Hexacosane (C26)

R.T.: 16.013 min
Delta R.T.: -0.038 min
Response: 16459965
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.957 min
Delta R.T.: -0.038 min
Response: 15292771
Conc: 19.48 ug/ml



#17 n-Tricontane (C30)

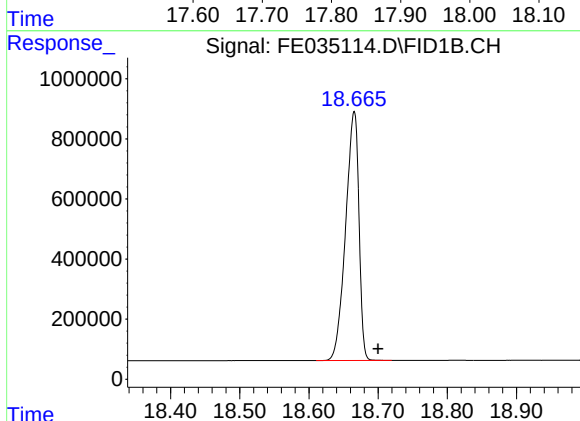
R.T.: 17.839 min
Delta R.T.: -0.037 min
Response: 13561875
Conc: 19.47 ug/ml

Instrument :

FID_E

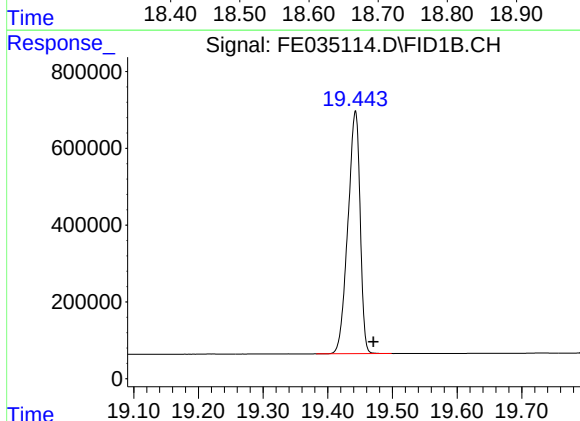
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



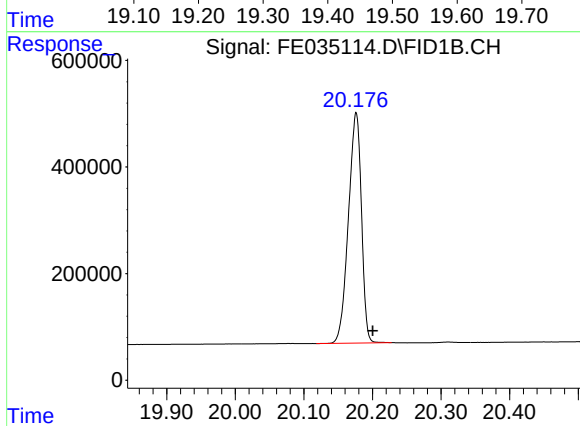
#18 n-Dotriacontane (C32)

R.T.: 18.665 min
Delta R.T.: -0.035 min
Response: 11067365
Conc: 19.61 ug/ml



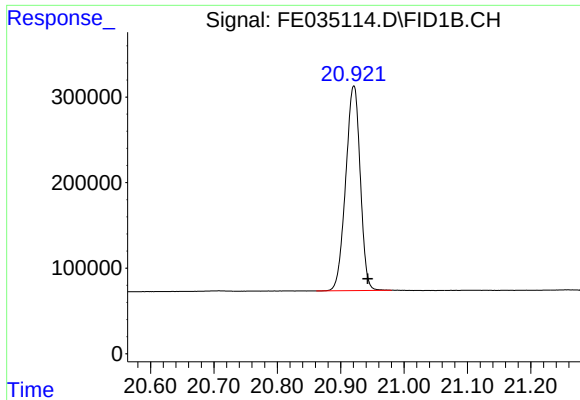
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min
Delta R.T.: -0.028 min
Response: 8294288
Conc: 19.91 ug/ml



#20 n-Hexatriacontane (C36)

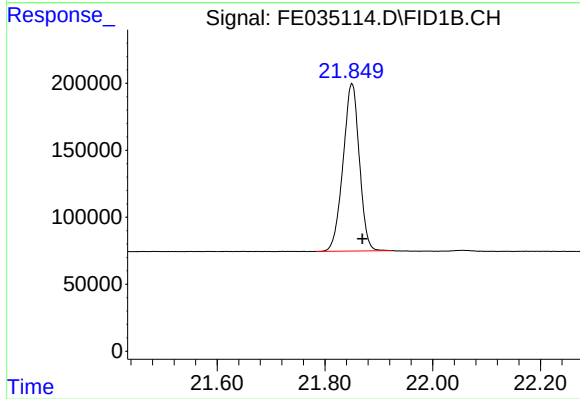
R.T.: 20.176 min
Delta R.T.: -0.024 min
Response: 5704677
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.921 min
Delta R.T.: -0.022 min
Response: 3812900
Conc: 20.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.850 min
Delta R.T.: -0.019 min
Response: 2623701
Conc: 21.06 ug/ml