

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060322AL\
 Data File : FE035892.D
 Signal(s) : FID1B.CH
 Acq On : 03 Jun 2022 7:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jun 03 08:00:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 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)	10.950	2655343	20.018 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
12) S 1-chlorooctadecane (S...	12.380	2047779	19.576 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
Target Compounds			
1) T n-Nonane (C9)	2.803	2534918	21.225 ug/ml
2) T n-Decane (C10)	3.816	2509486	21.206 ug/ml
3) T A~Naphthalene (C11.7)	5.382	2749707	20.578 ug/ml
4) T n-Dodecane (C12)	5.805	2517362	21.012 ug/ml
5) T A~2-methylnaphthalene...	6.431	2753342	20.360 ug/ml
6) T n-Tetradecane (C14)	7.594	2484853	20.848 ug/ml
7) T n-Hexadecane (C16)	9.192	2458453	20.618 ug/ml
8) T n-Octadecane (C18)	10.630	2442150	20.372 ug/ml
10) T n-Eicosane (C20)	11.936	2389674	20.031 ug/ml
11) T n-Heneicosane (C21)	12.546	2384866	19.863 ug/ml
13) T n-Docosane (C22)	13.132	2363539	19.626 ug/ml
14) T n-Tetracosane (C24)	14.232	2358241	19.490 ug/ml
15) T n-Hexacosane (C26)	15.249	2314503	19.126 ug/ml
16) T n-Octacosane (C28)	16.197	2288449	18.882 ug/ml
17) T n-Tricontane (C30)	17.083	2261756	18.810 ug/ml
18) T n-Dotriacontane (C32)	17.914	2171745	18.897 ug/ml
19) T n-Tetratriacontane (C34)	18.696	2071657	19.151 ug/ml
20) T n-Hexatriacontane (C36)	19.433	1989168	19.746 ug/ml
21) T n-Octatriacontane (C38)	20.167	1974047	20.719 ug/ml
22) T n-Tetracontane (C40)	21.082	2006022	21.481 ug/ml

(f)=RT Delta > 1/2 Window

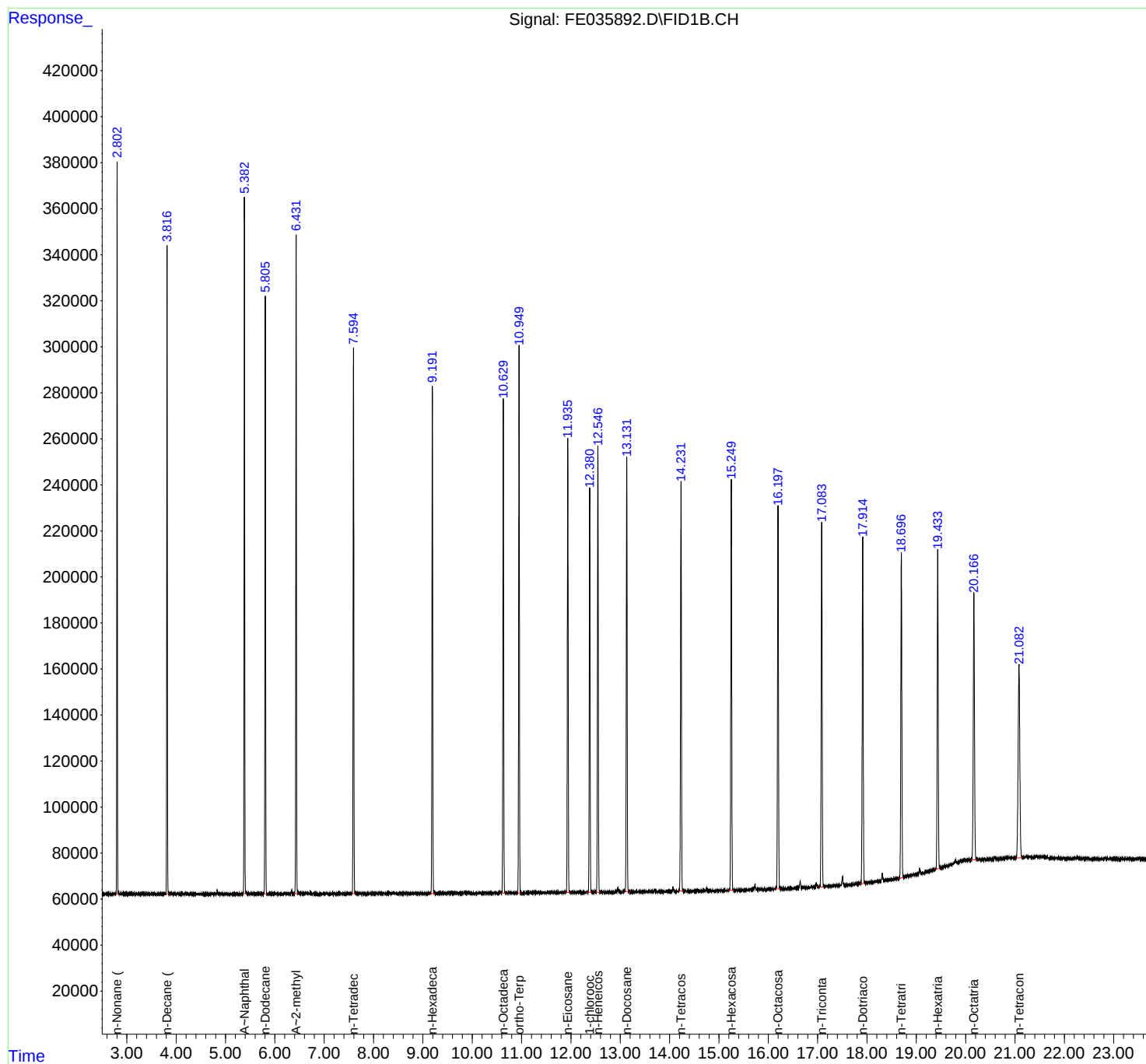
(m)=manual int.

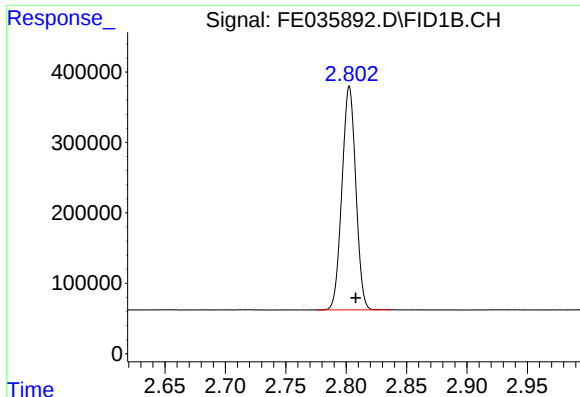
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060322AL\
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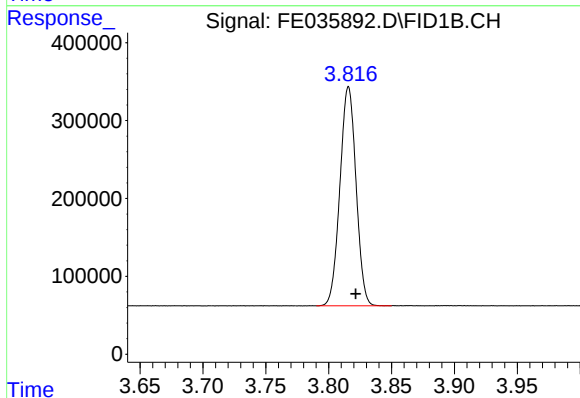




#1 n-Nonane (C9)

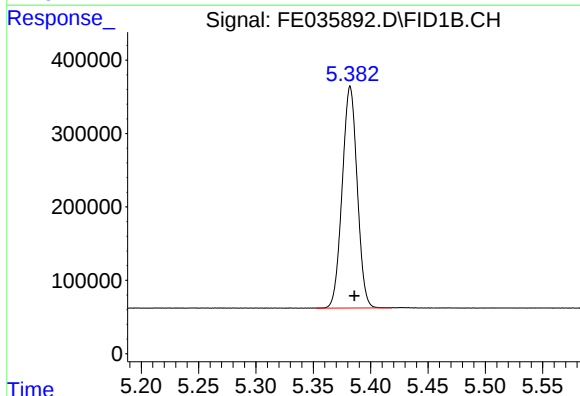
R.T.: 2.803 min
Delta R.T.: -0.005 min
Response: 2534918
Conc: 21.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



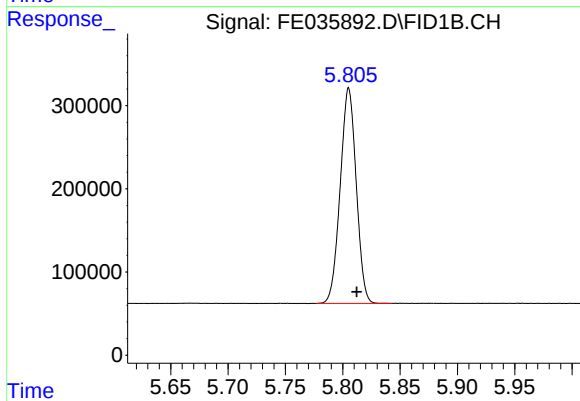
#2 n-Decane (C10)

R.T.: 3.816 min
Delta R.T.: -0.006 min
Response: 2509486
Conc: 21.21 ug/ml



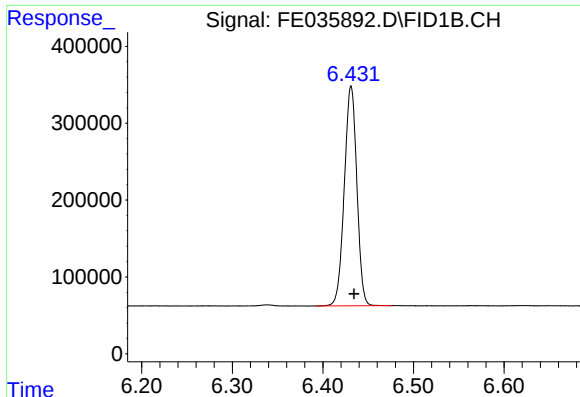
#3 A~Naphthalene (C11.7)

R.T.: 5.382 min
Delta R.T.: -0.004 min
Response: 2749707
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

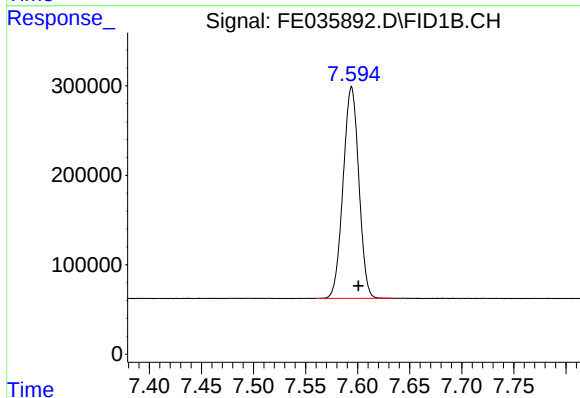
R.T.: 5.805 min
Delta R.T.: -0.007 min
Response: 2517362
Conc: 21.01 ug/ml



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

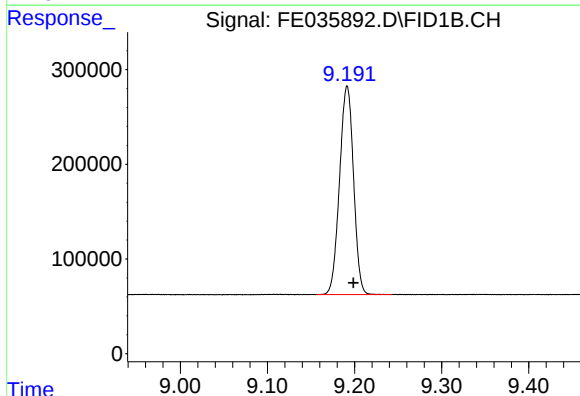
R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 2753342
Conc: 20.36 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



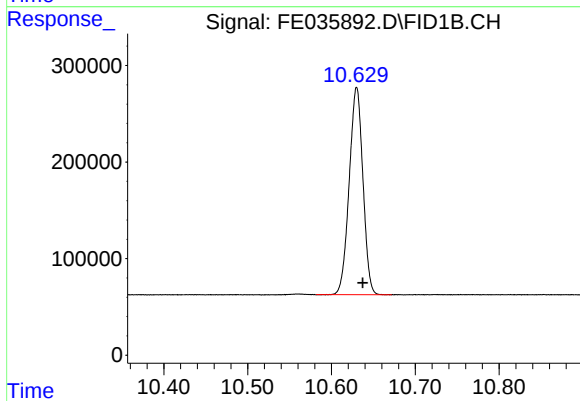
#6 n-Tetradecane (C14)

R.T.: 7.594 min
Delta R.T.: -0.007 min
Response: 2484853
Conc: 20.85 ug/ml



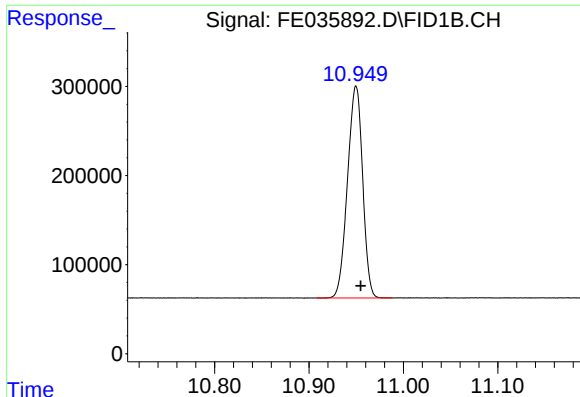
#7 n-Hexadecane (C16)

R.T.: 9.192 min
Delta R.T.: -0.007 min
Response: 2458453
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

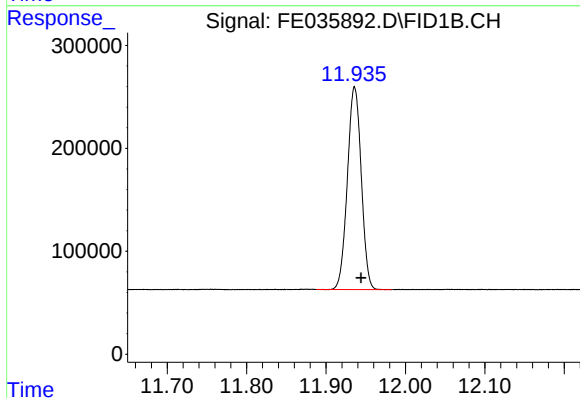
R.T.: 10.630 min
Delta R.T.: -0.007 min
Response: 2442150
Conc: 20.37 ug/ml



#9 ortho-Terphenyl (SURR)

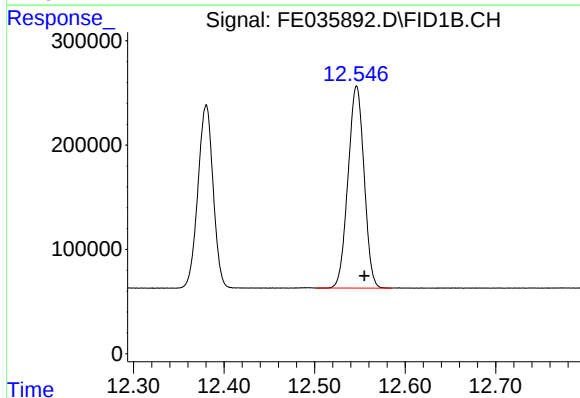
R.T.: 10.950 min
Delta R.T.: -0.005 min
Response: 2655343
Conc: 20.02 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



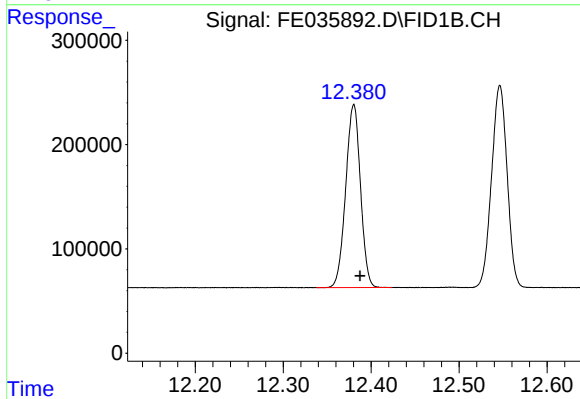
#10 n-Eicosane (C20)

R.T.: 11.936 min
Delta R.T.: -0.008 min
Response: 2389674
Conc: 20.03 ug/ml



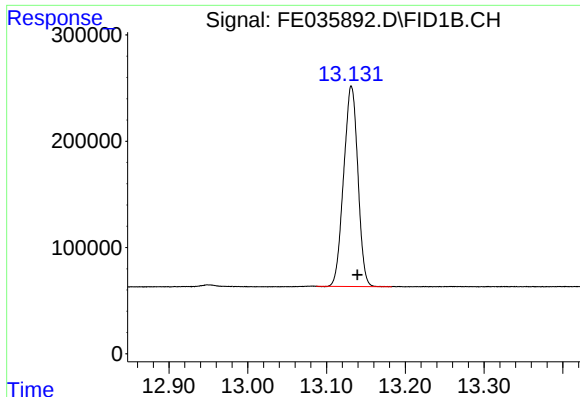
#11 n-Heneicosane (C21)

R.T.: 12.546 min
Delta R.T.: -0.008 min
Response: 2384866
Conc: 19.86 ug/ml



#12 1-chlorooctadecane (SURR)

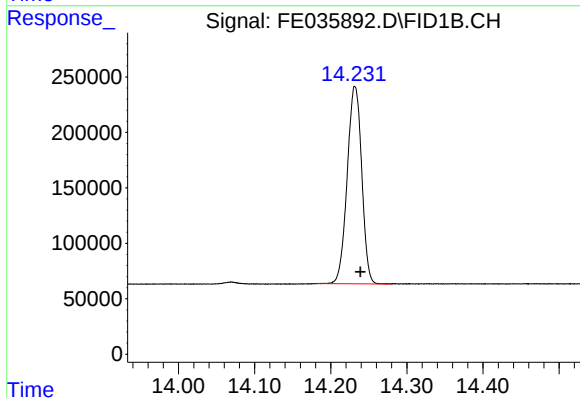
R.T.: 12.380 min
Delta R.T.: -0.007 min
Response: 2047779
Conc: 19.58 ug/ml



#13 n-Docosane (C22)

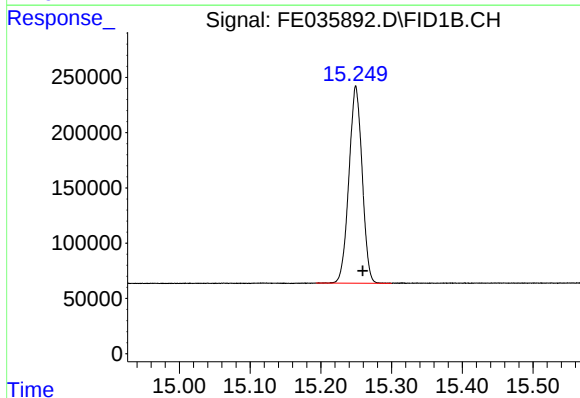
R.T.: 13.132 min
Delta R.T.: -0.008 min
Response: 2363539
Conc: 19.63 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



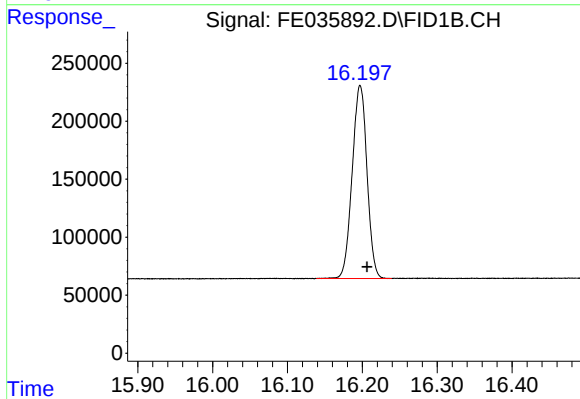
#14 n-Tetracosane (C24)

R.T.: 14.232 min
Delta R.T.: -0.007 min
Response: 2358241
Conc: 19.49 ug/ml



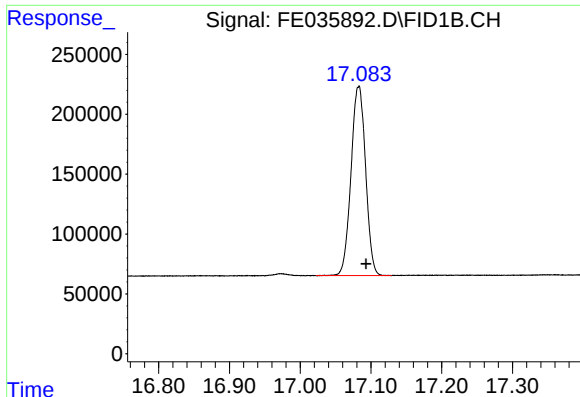
#15 n-Hexacosane (C26)

R.T.: 15.249 min
Delta R.T.: -0.010 min
Response: 2314503
Conc: 19.13 ug/ml



#16 n-Octacosane (C28)

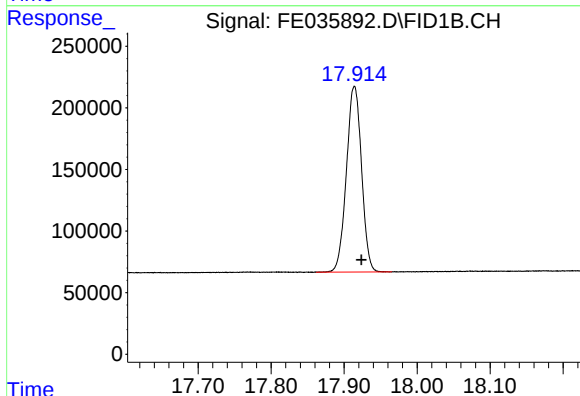
R.T.: 16.197 min
Delta R.T.: -0.009 min
Response: 2288449
Conc: 18.88 ug/ml



#17 n-Tricontane (C30)

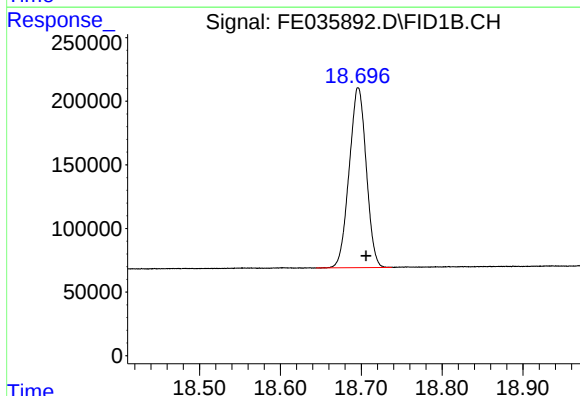
R.T.: 17.083 min
Delta R.T.: -0.011 min
Response: 2261756
Conc: 18.81 ug/ml

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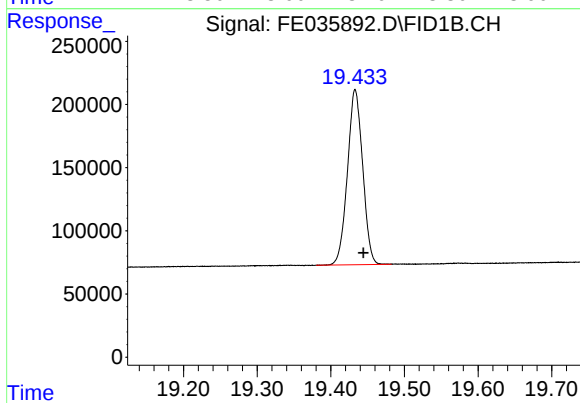
#18 n-Dotriacontane (C32)

R.T.: 17.914 min
Delta R.T.: -0.010 min
Response: 2171745
Conc: 18.90 ug/ml



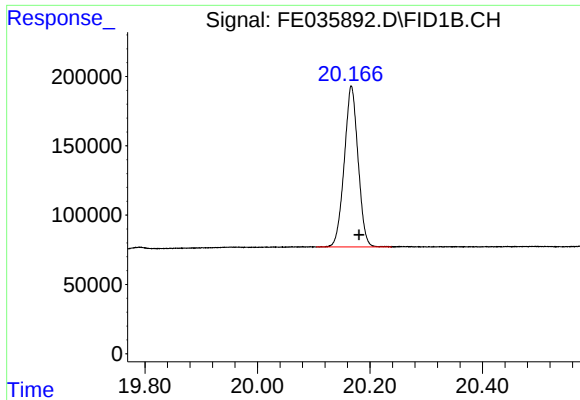
#19 n-Tetratriacontane (C34)

R.T.: 18.696 min
Delta R.T.: -0.010 min
Response: 2071657
Conc: 19.15 ug/ml



#20 n-Hexatriacontane (C36)

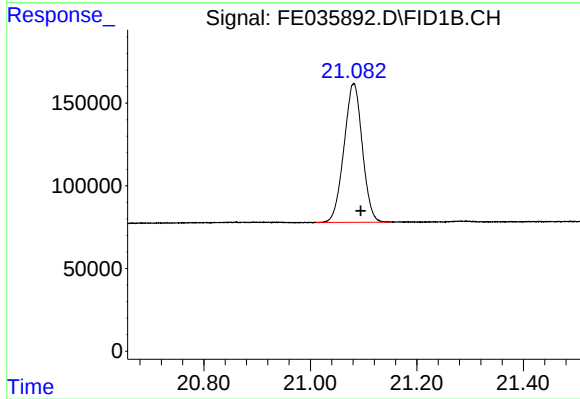
R.T.: 19.433 min
Delta R.T.: -0.011 min
Response: 1989168
Conc: 19.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.167 min
Delta R.T.: -0.014 min
Response: 1974047
Conc: 20.72 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.082 min
Delta R.T.: -0.013 min
Response: 2006022
Conc: 21.48 ug/ml