

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100421AL\
 Data File : FD038977.D
 Signal(s) : FID2B.CH
 Acq On : 04 Oct 2021 12:00
 Operator : AJ\MA
 Sample : M3956-01MS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LITTLE-FALLS-TROPHY-SINK-HOL

Integration File: autoint1.e
 Quant Time: Oct 05 02:12:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.681	6087188	42.889 ug/ml
Spiked Amount 50.000		Recovery =	85.78%
12) S 1-chlorooctadecane (S...	13.106	4768304	42.405 ug/ml
Spiked Amount 50.000		Recovery =	84.81%
Target Compounds			
1) T n-Nonane (C9)	3.460	5828814	46.210 ug/ml
2) T n-Decane (C10)	4.520	6109161	47.867 ug/ml
3) T A~Naphthalene (C11.7)	6.104	6686301	46.954 ug/ml
4) T n-Dodecane (C12)	6.527	6256142	48.850 ug/ml
5) T A~2-methylnaphthalene...	7.158	6414426	44.807 ug/ml
6) T n-Tetradecane (C14)	8.320	6234858	48.048 ug/ml
7) T n-Hexadecane (C16)	9.916	6202603	47.557 ug/ml
8) T n-Octadecane (C18)	11.356	6357547	47.535 ug/ml
10) T n-Eicosane (C20)	12.662	6129255	46.215 ug/ml
11) T n-Heneicosane (C21)	13.272	6085783	45.448 ug/ml
13) T n-Docosane (C22)	13.857	6004884	45.269 ug/ml
14) T n-Tetracosane (C24)	14.953	11598466	87.534 ug/ml
15) T n-Hexacosane (C26)	15.973	5764470	44.784 ug/ml
16) T n-Octacosane (C28)	16.917	5625745	44.615 ug/ml
17) T n-Tricontane (C30)	17.802	5366578	43.999 ug/ml
18) T n-Dotriacontane (C32)	18.630	5142062	44.352 ug/ml
19) T n-Tetratriacontane (C34)	19.409	4776602	44.250 ug/ml
20) T n-Hexatriacontane (C36)	20.145	4354555	44.502 ug/ml
21) T n-Octatriacontane (C38)	20.886	4078475	45.431 ug/ml
22) T n-Tetracontane (C40)	21.816	4164586	47.275 ug/ml

(f)=RT Delta > 1/2 Window

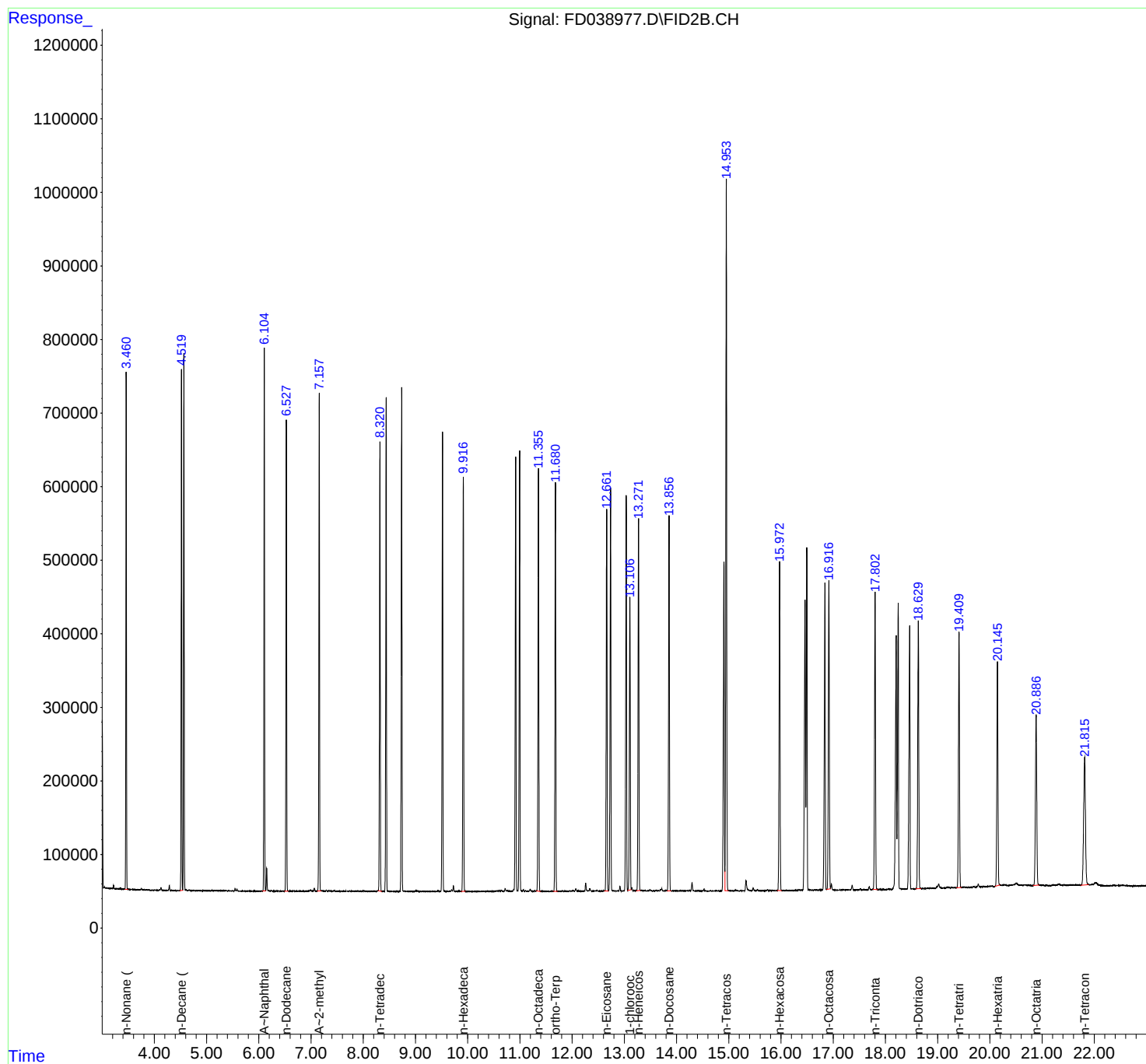
(m)=manual int.

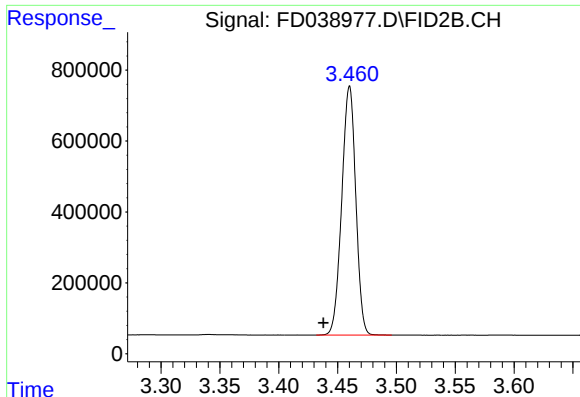
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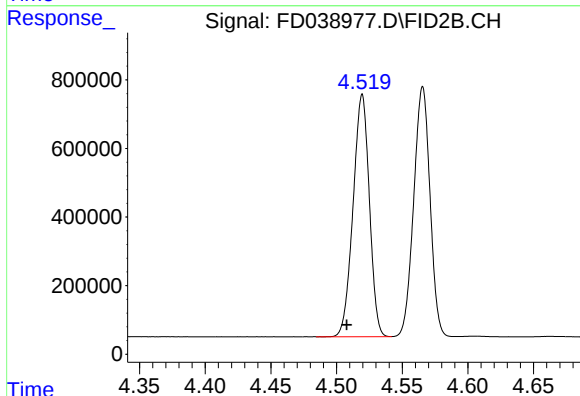




#1 n-Nonane (C9)

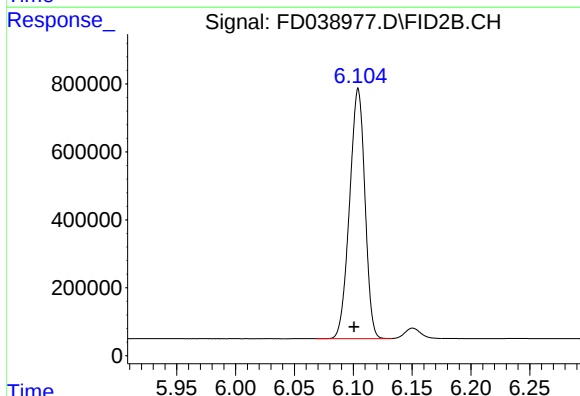
R.T.: 3.460 min
Delta R.T.: 0.022 min
Response: 5828814
Conc: 46.21 ug/ml

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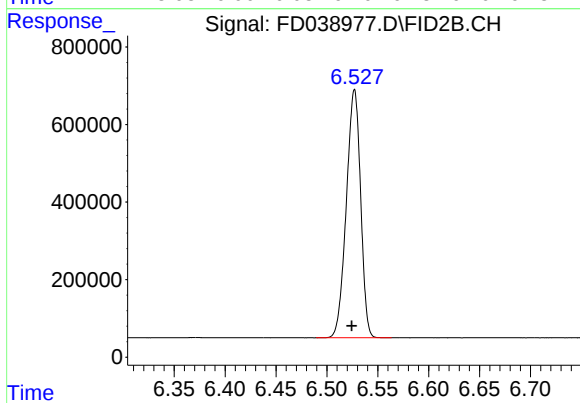
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.012 min
Response: 6109161
Conc: 47.87 ug/ml



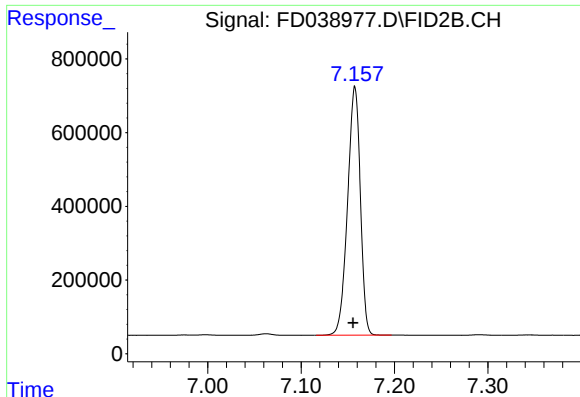
#3 A~Naphthalene (C11.7)

R.T.: 6.104 min
Delta R.T.: 0.003 min
Response: 6686301
Conc: 46.95 ug/ml



#4 n-Dodecane (C12)

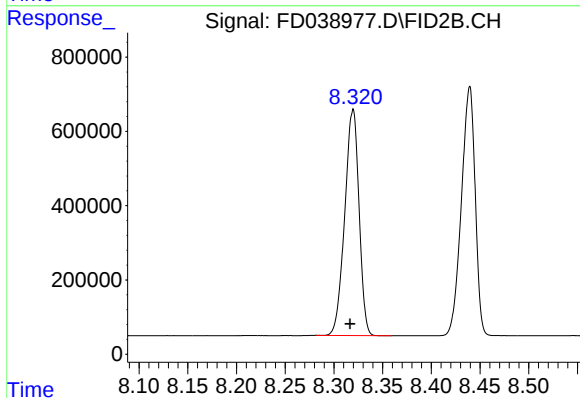
R.T.: 6.527 min
Delta R.T.: 0.003 min
Response: 6256142
Conc: 48.85 ug/ml



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

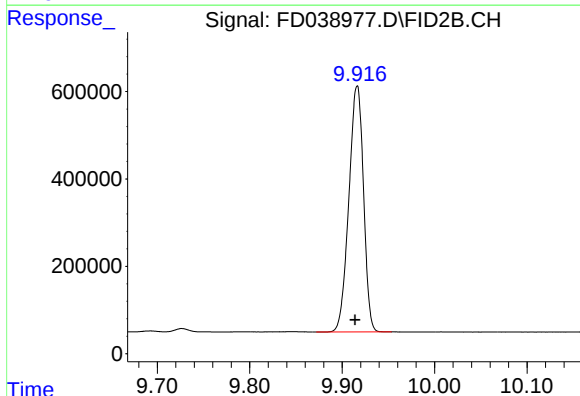
R.T.: 7.158 min
Delta R.T.: 0.002 min
Response: 6414426
Conc: 44.81 ug/ml

Instrument :
FID_D
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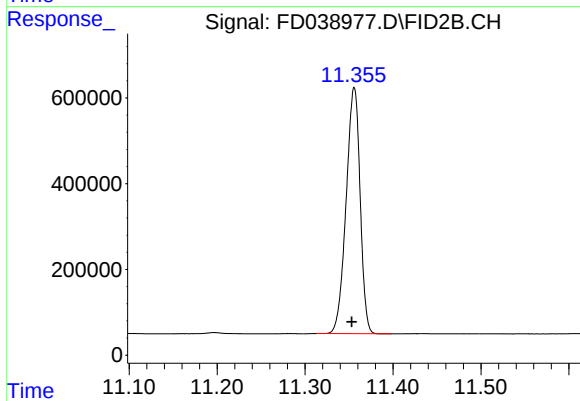
#6 n-Tetradecane (C14)

R.T.: 8.320 min
Delta R.T.: 0.003 min
Response: 6234858
Conc: 48.05 ug/ml



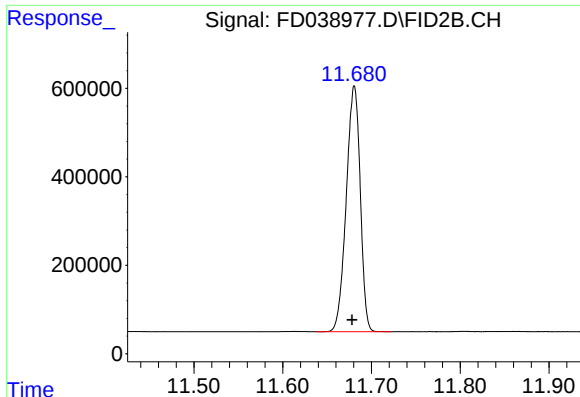
#7 n-Hexadecane (C16)

R.T.: 9.916 min
Delta R.T.: 0.002 min
Response: 6202603
Conc: 47.56 ug/ml



#8 n-Octadecane (C18)

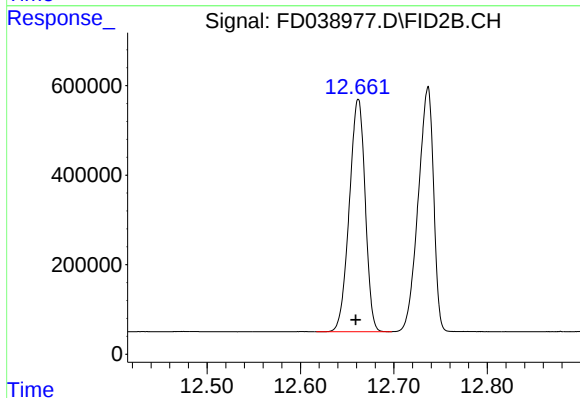
R.T.: 11.356 min
Delta R.T.: 0.003 min
Response: 6357547
Conc: 47.54 ug/ml



#9 ortho-Terphenyl (SURR)

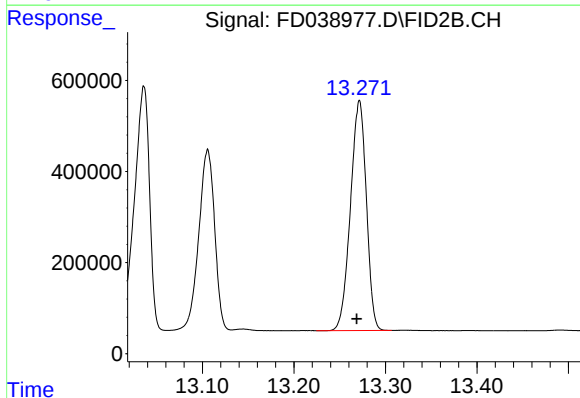
R.T.: 11.681 min
Delta R.T.: 0.002 min
Response: 6087188
Conc: 42.89 ug/ml

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FID_D
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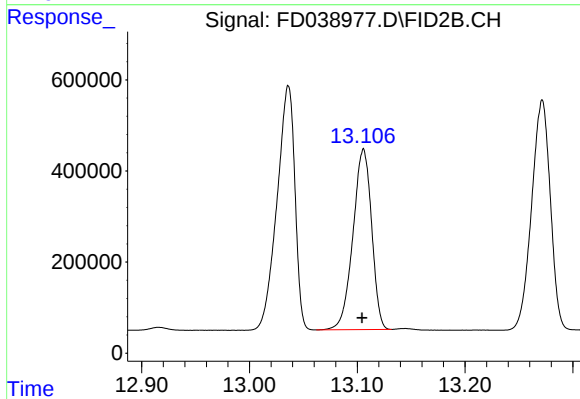
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: 0.003 min
Response: 6129255
Conc: 46.22 ug/ml



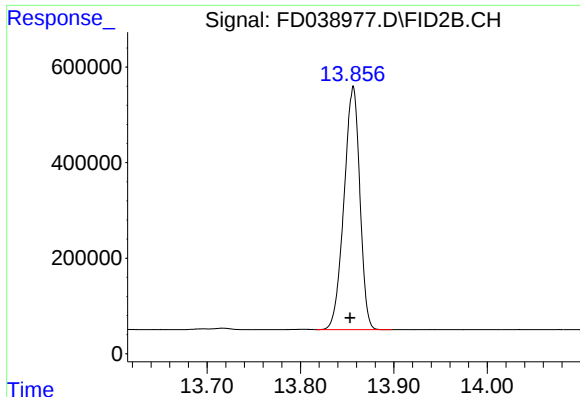
#11 n-Heneicosane (C21)

R.T.: 13.272 min
Delta R.T.: 0.003 min
Response: 6085783
Conc: 45.45 ug/ml



#12 1-chlorooctadecane (SURR)

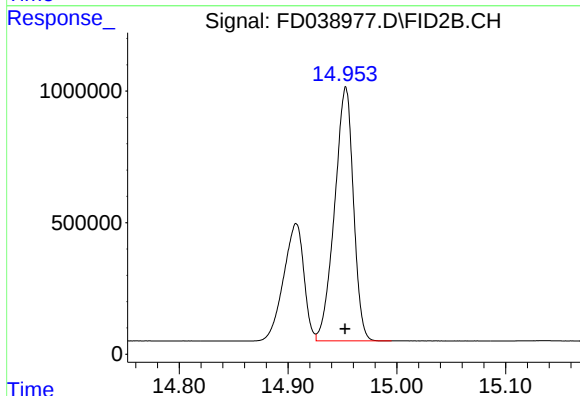
R.T.: 13.106 min
Delta R.T.: 0.001 min
Response: 4768304
Conc: 42.40 ug/ml



#13 n-Docosane (C22)

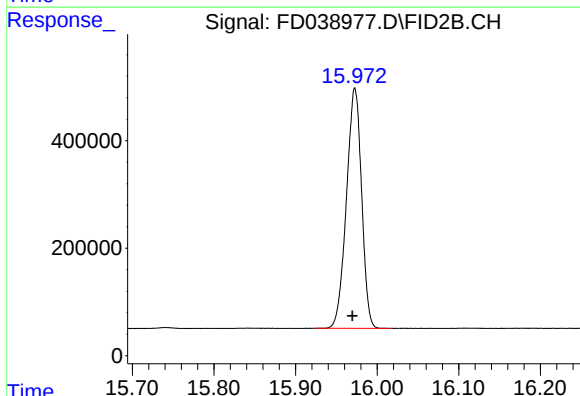
R.T.: 13.857 min
Delta R.T.: 0.003 min
Response: 6004884
Conc: 45.27 ug/ml

Instrument :
FID_D
ClientSampleId :
LITTLE-FALLS-TROPHY-SINK-HOL



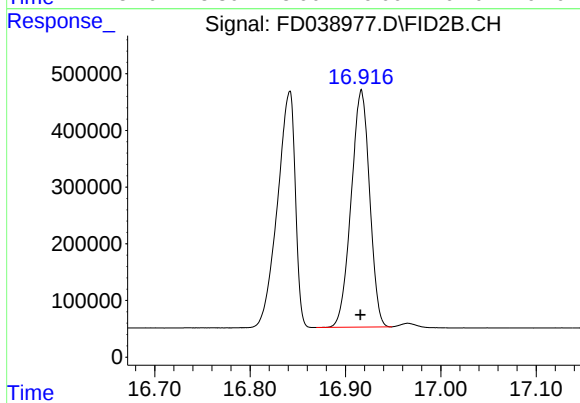
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 11598466
Conc: 87.53 ug/ml



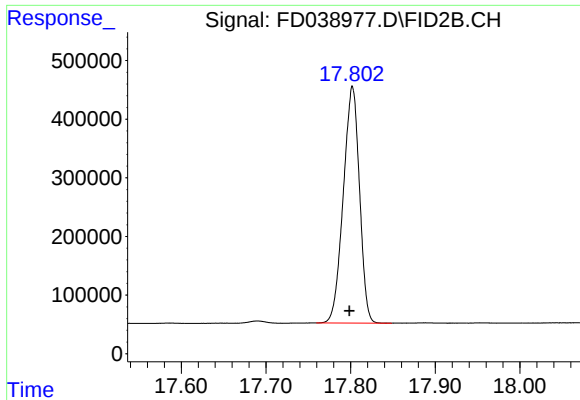
#15 n-Hexacosane (C26)

R.T.: 15.973 min
Delta R.T.: 0.003 min
Response: 5764470
Conc: 44.78 ug/ml



#16 n-Octacosane (C28)

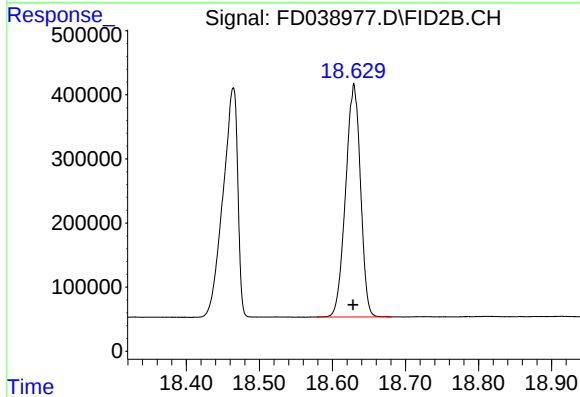
R.T.: 16.917 min
Delta R.T.: 0.001 min
Response: 5625745
Conc: 44.62 ug/ml



#17 n-Tricontane (C30)

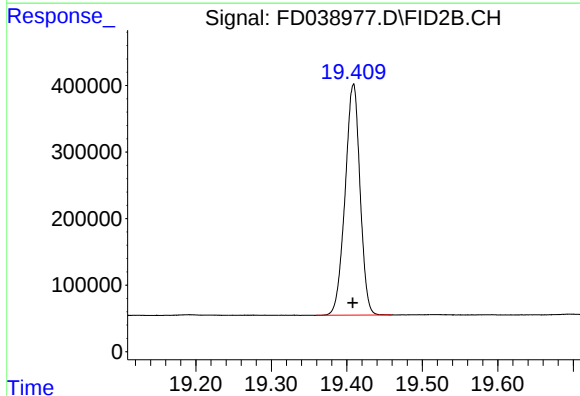
R.T.: 17.802 min
Delta R.T.: 0.004 min
Response: 5366578
Conc: 44.00 ug/ml

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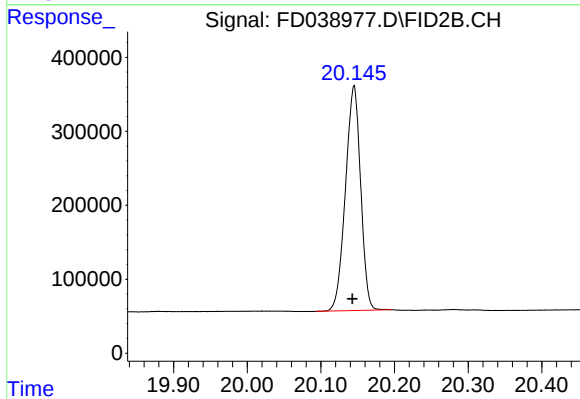
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.001 min
Response: 5142062
Conc: 44.35 ug/ml



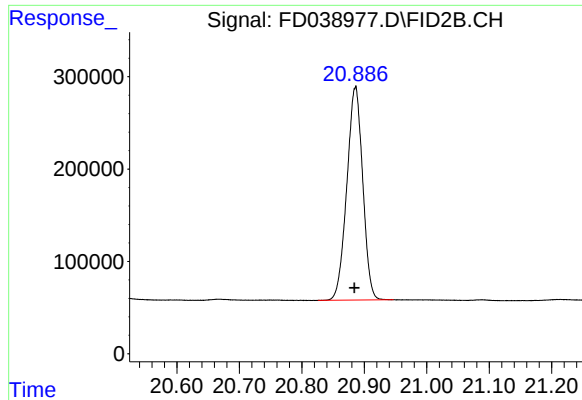
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min
Delta R.T.: 0.001 min
Response: 4776602
Conc: 44.25 ug/ml



#20 n-Hexatriacontane (C36)

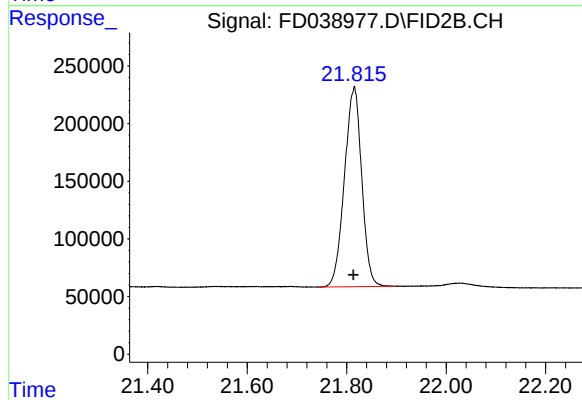
R.T.: 20.145 min
Delta R.T.: 0.002 min
Response: 4354555
Conc: 44.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.886 min
Delta R.T.: 0.002 min
Response: 4078475
Conc: 45.43 ug/ml

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LITTLE-FALLS-TROPHY-SINK-HOL



#22 n-Tetracontane (C40)

R.T.: 21.816 min
Delta R.T.: 0.002 min
Response: 4164586
Conc: 47.28 ug/ml