

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102119AL\
 Data File : FD031150.D
 Signal(s) : FID2B.CH
 Acq On : 22 Oct 2019 2:36
 Operator : DD\AJ
 Sample : K5447-01MS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 RT5124MS

Manual Integrations
 APPROVED

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 10/22/2019 10:18:27 AM

Integration File: sample.E
 Quant Time: Oct 22 07:01:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 07:46:23 2019
 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)	11.438	5114520	40.780 ug/ml
Spiked Amount 50.000		Recovery =	81.56%
12) S 1-chlorooctadecane (S...	12.867	4199208	44.850 ug/ml
Spiked Amount 50.000		Recovery =	89.70%
Target Compounds			
1) T n-Nonane (C9)	3.268	5367422	51.312 ug/ml
2) T n-Decane (C10)	4.321	6538624	62.375 ug/ml
3) T A-Naphthalene (C11.7)	5.888	7945423	69.340 ug/ml
4) T n-Dodecane (C12)	6.321	7131344	66.673 ug/ml
5) T A~2-methylnaphthalene...	6.938	8111961	70.371 ug/ml
6) T n-Tetradecane (C14)	8.108	7598704	70.653 ug/ml
7) T n-Hexadecane (C16)	9.696	8169111	75.856 ug/ml
8) T n-Octadecane (C18)	11.130	8392763	76.766 ug/ml
10) T n-Eicosane (C20)	12.430	8391308	76.741 ug/ml
11) T n-Heneicosane (C21)	13.037	8310242	75.611 ug/ml
13) T n-Docosane (C22)	13.618	8206993	75.044 ug/ml
14) T n-Tetracosane (C24)	14.703	15907436	145.660 ug/ml
15) T n-Hexacosane (C26)	15.729	7663076	70.809 ug/ml
16) T n-Octacosane (C28)	16.669	7441479	69.317 ug/ml
17) T n-Tricontane (C30)	17.554	7429536	69.747 ug/ml
18) T n-Dotriacontane (C32)	18.374	7080402	68.779 ug/ml
19) T n-Tetratriacontane (C34)	19.151	6354303	64.660 ug/ml
20) T n-Hexatriacontane (C36)	19.883	5138340	55.780 ug/ml
21) T n-Octatriacontane (C38)	20.585	4501695	52.018 ug/ml
22) T n-Tetracontane (C40)	21.416	4454247	50.129 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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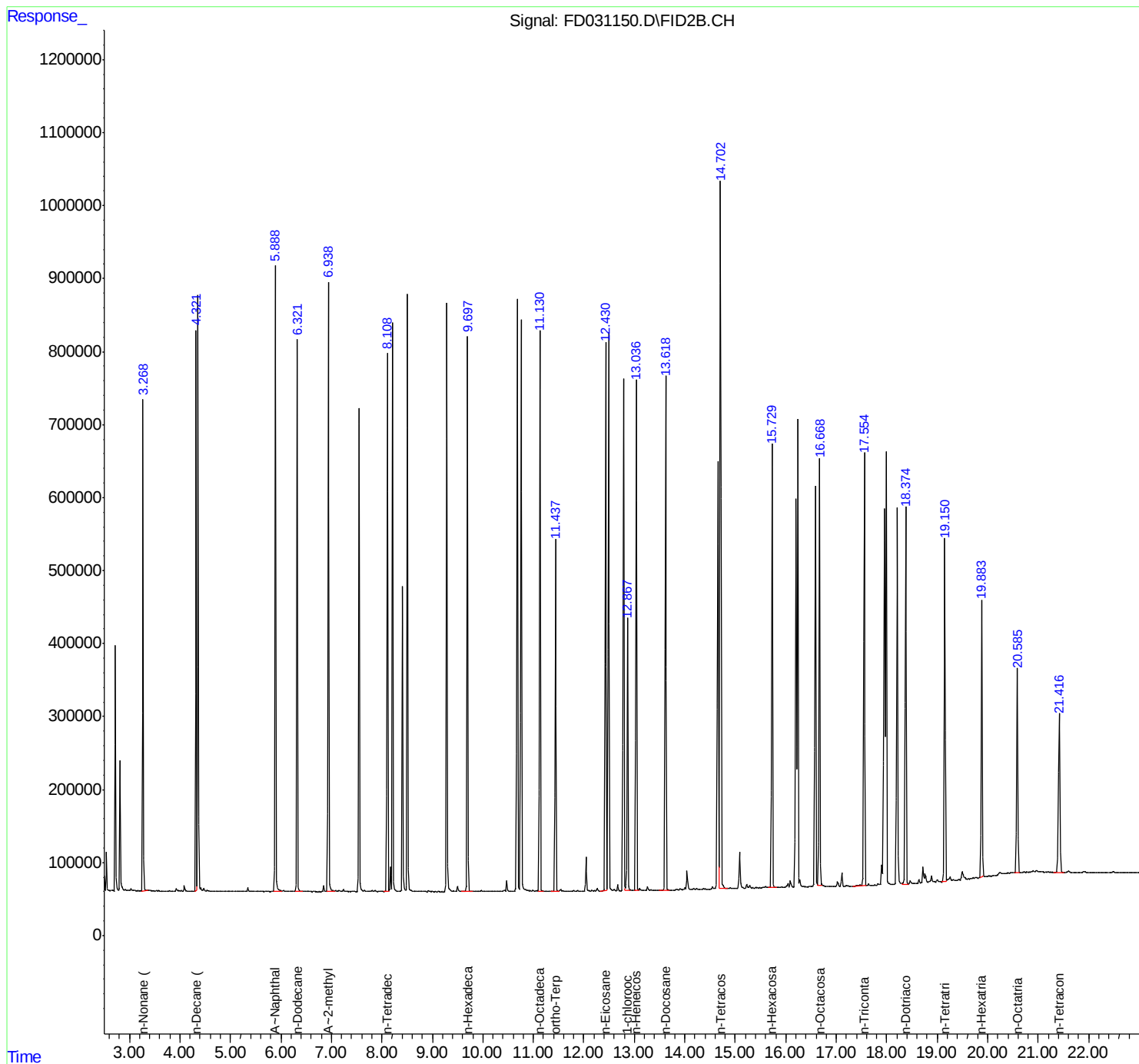
Instrument :
FID_D
ClientSampled :
RT5124MS

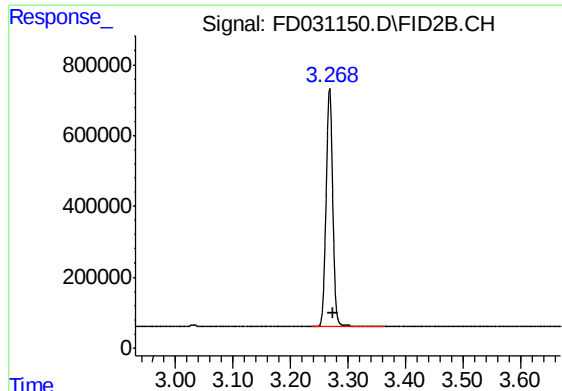
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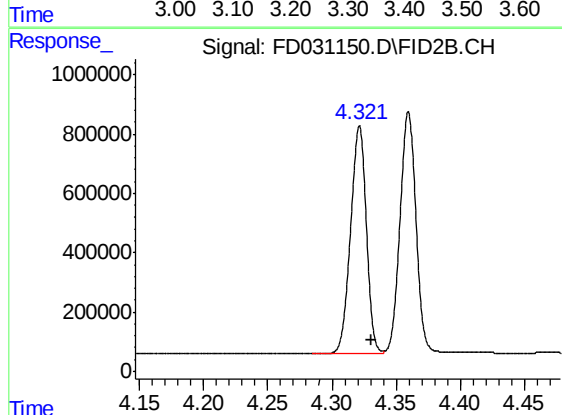
#1 n-Nonane (C9)

R.T.: 3.268 min
Delta R.T.: -0.006 min
Response: 5367422
Conc: 51.31 ug/ml

Instrument :
FID_D
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RT5124MS

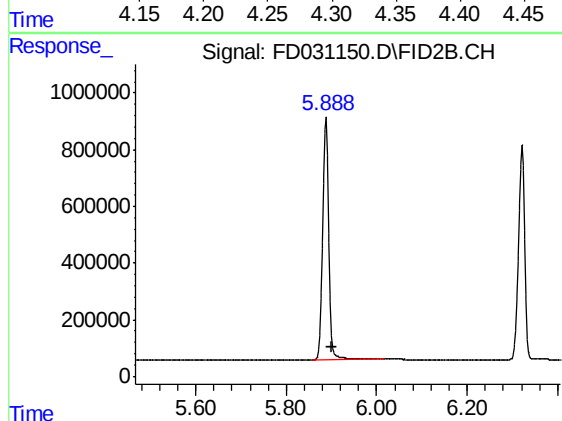
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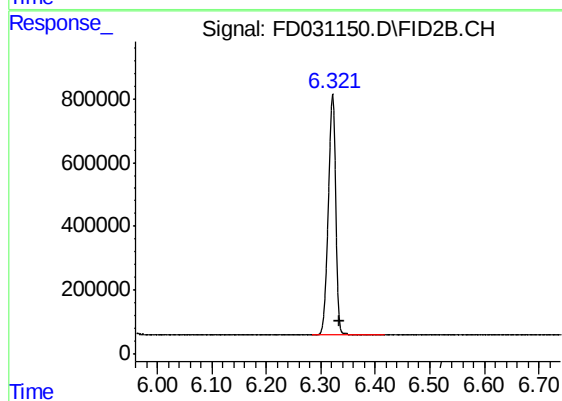
#2 n-Decane (C10)

R.T.: 4.321 min
Delta R.T.: -0.010 min
Response: 6538624
Conc: 62.37 ug/ml



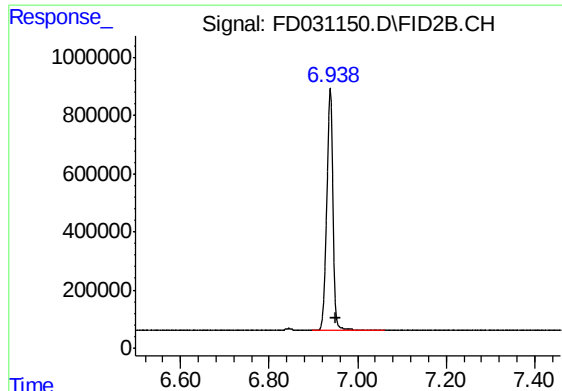
#3 A~Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: -0.013 min
Response: 7945423
Conc: 69.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.321 min
Delta R.T.: -0.013 min
Response: 7131344
Conc: 66.67 ug/ml



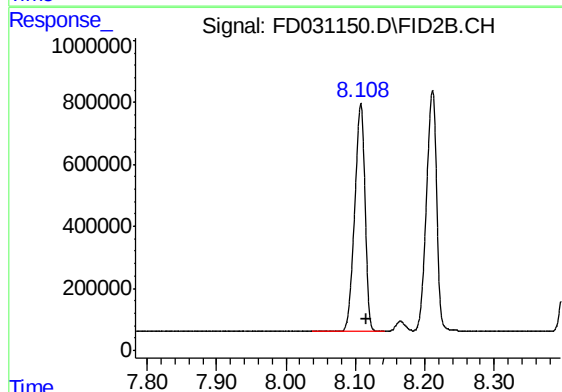
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: -0.012 min
Response: 8111961
Conc: 70.37 ug/ml

Instrument :
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RT5124MS

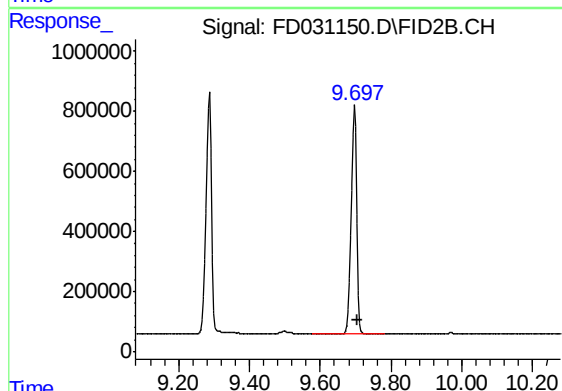
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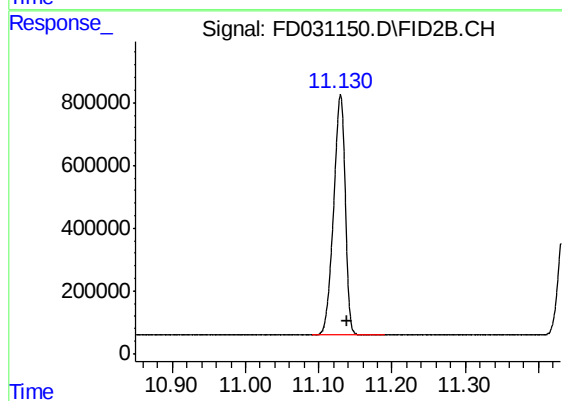
#6 n-Tetradecane (C14)

R.T.: 8.108 min
Delta R.T.: -0.009 min
Response: 7598704
Conc: 70.65 ug/ml



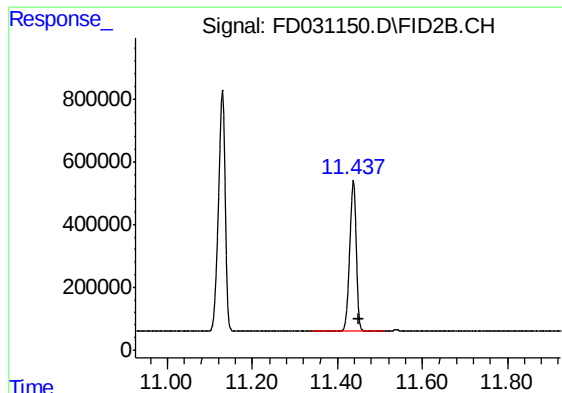
#7 n-Hexadecane (C16)

R.T.: 9.696 min
Delta R.T.: -0.010 min
Response: 8169111
Conc: 75.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.130 min
Delta R.T.: -0.009 min
Response: 8392763
Conc: 76.77 ug/ml



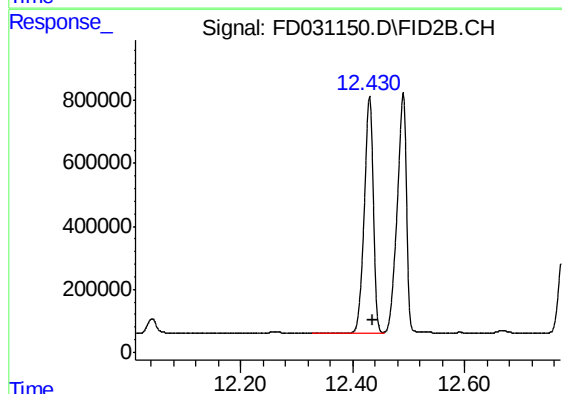
#9 ortho-Terphenyl (SURR)

R.T.: 11.438 min
Delta R.T.: -0.013 min
Response: 5114520
Conc: 40.78 ug/ml

Instrument :
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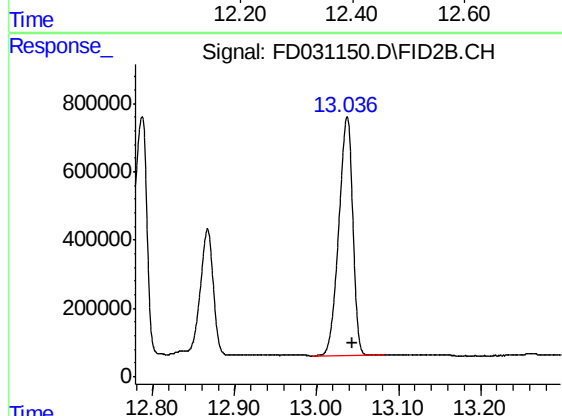
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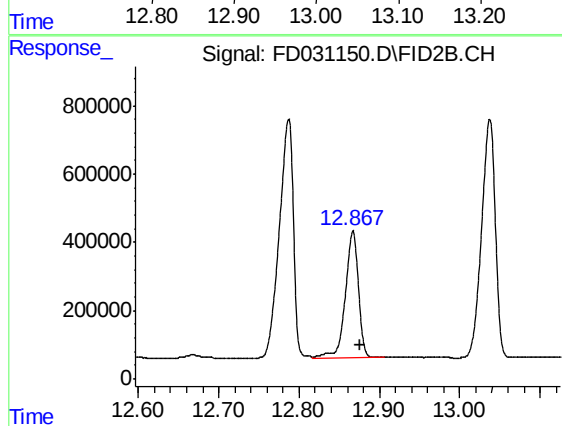
#10 n-Eicosane (C20)

R.T.: 12.430 min
Delta R.T.: -0.007 min
Response: 8391308
Conc: 76.74 ug/ml



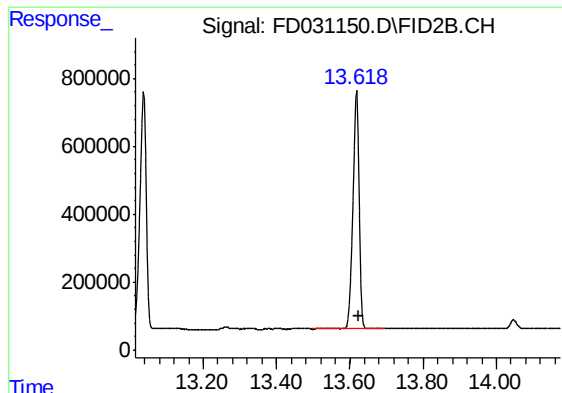
#11 n-Heneicosane (C21)

R.T.: 13.037 min
Delta R.T.: -0.007 min
Response: 8310242
Conc: 75.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.867 min
Delta R.T.: -0.009 min
Response: 4199208
Conc: 44.85 ug/ml



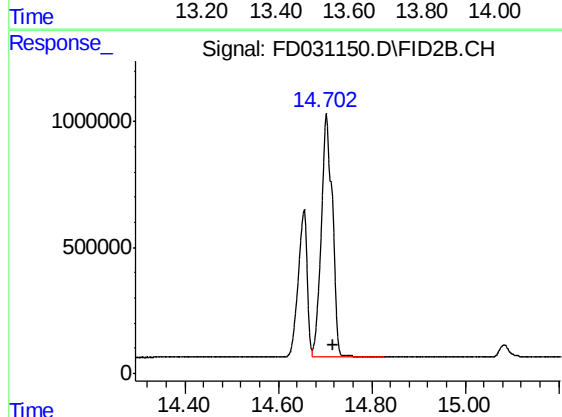
#13 n-Docosane (C22)

R.T.: 13.618 min
Delta R.T.: -0.007 min
Response: 8206993
Conc: 75.04 ug/ml

Instrument :
FID_D
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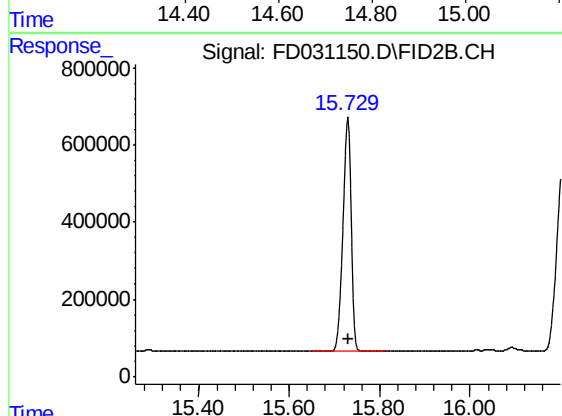
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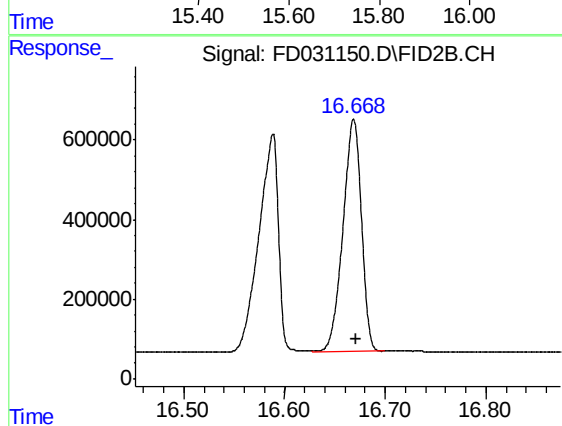
#14 n-Tetracosane (C24)

R.T.: 14.703 min
Delta R.T.: -0.016 min
Response: 15907436
Conc: 145.66 ug/ml



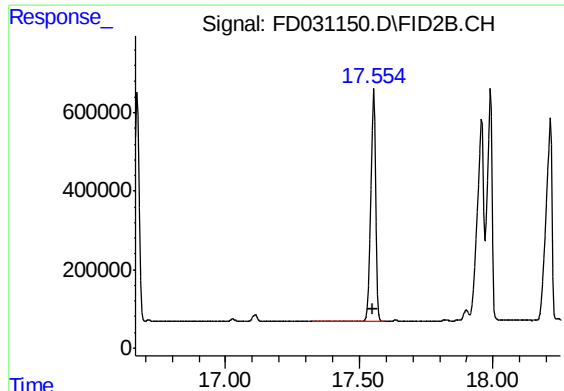
#15 n-Hexacosane (C26)

R.T.: 15.729 min
Delta R.T.: -0.001 min
Response: 7663076
Conc: 70.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.669 min
Delta R.T.: -0.003 min
Response: 7441479
Conc: 69.32 ug/ml



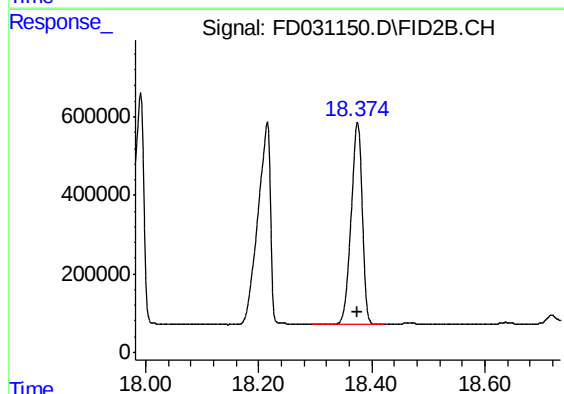
#17 n-Tricontane (C30)

R.T.: 17.554 min
Delta R.T.: 0.002 min
Response: 7429536
Conc: 69.75 ug/ml

Instrument :
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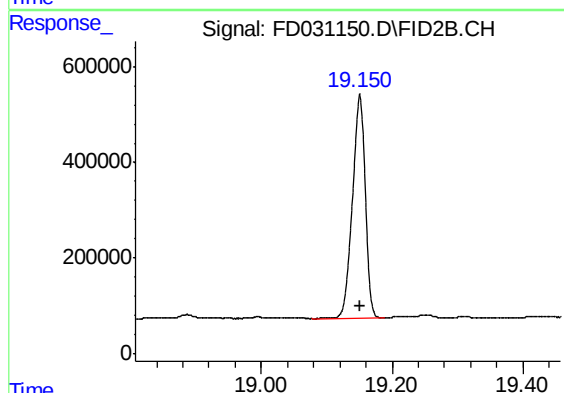
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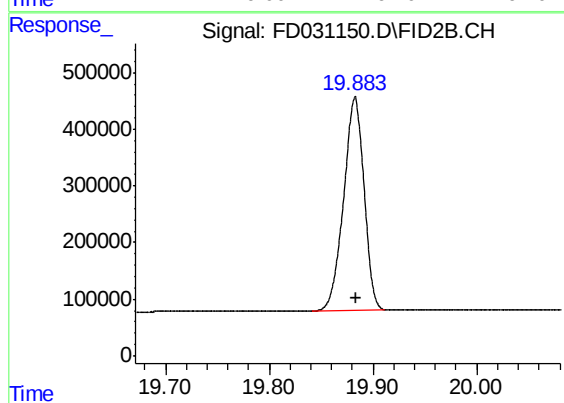
#18 n-Dotriacontane (C32)

R.T.: 18.374 min
Delta R.T.: -0.001 min
Response: 7080402
Conc: 68.78 ug/ml



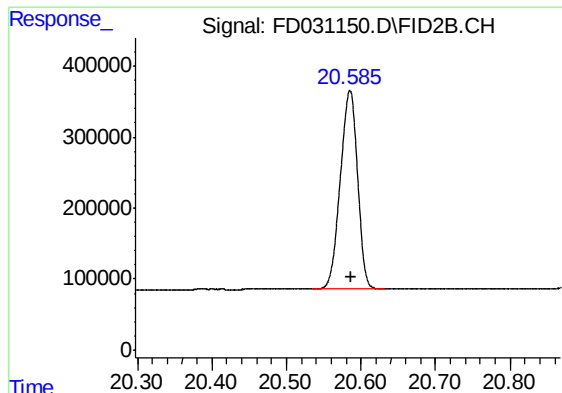
#19 n-Tetratriacontane (C34)

R.T.: 19.151 min
Delta R.T.: -0.001 min
Response: 6354303
Conc: 64.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.883 min
Delta R.T.: -0.001 min
Response: 5138340
Conc: 55.78 ug/ml



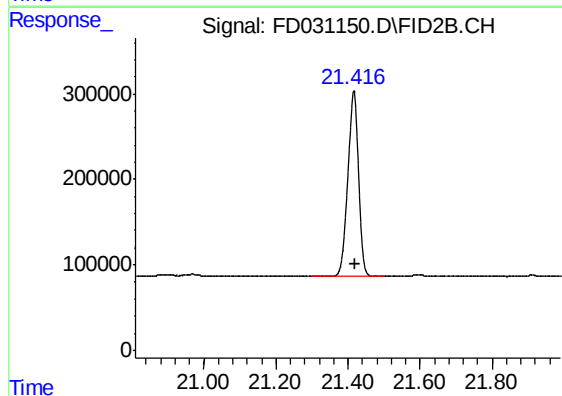
#21 n-Octatriacontane (C38)

R.T.: 20.585 min
Delta R.T.: -0.001 min
Response: 4501695
Conc: 52.02 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.416 min
Delta R.T.: -0.002 min
Response: 4454247
Conc: 50.13 ug/ml