

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032519AL\
 Data File : FD028479.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2019 19:37
 Operator : AJ\SJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Mar 26 04:00:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 03:59:06 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)	11.040	13779839	98.818 ug/ml
Spiked Amount 50.000		Recovery =	197.64%
12) S 1-chlorooctadecane (S...	12.458	10982166	100.812 ug/ml
Spiked Amount 50.000		Recovery =	201.62%
Target Compounds			
1) T n-Nonane (C9)	2.868	9058670	98.822 ug/ml
2) T n-Decane (C10)	3.891	9368675	100.009 ug/ml
3) T A-Naphthalene (C11.7)	5.468	10558288	99.923 ug/ml
4) T n-Dodecane (C12)	5.887	9686986	102.031 ug/ml
5) T A~2-methylnaphthalene...	6.519	10805971	100.686 ug/ml
6) T n-Tetradecane (C14)	7.677	10214605	103.625 ug/ml
7) T n-Hexadecane (C16)	9.273	10651472	103.784 ug/ml
8) T n-Octadecane (C18)	10.711	10958108	101.988 ug/ml
10) T n-Eicosane (C20)	12.013	11113232	101.525 ug/ml
11) T n-Heneicosane (C21)	12.622	11051536	102.084 ug/ml
13) T n-Docosane (C22)	13.205	11020446	101.410 ug/ml
14) T n-Tetracosane (C24)	14.301	10875242	101.408 ug/ml
15) T n-Hexacosane (C26)	15.315	10577826	101.510 ug/ml
16) T n-Octacosane (C28)	16.259	10335707	101.749 ug/ml
17) T n-Tricontane (C30)	17.141	9956235	102.565 ug/ml
18) T n-Dotriacontane (C32)	17.967	9392107	104.910 ug/ml
19) T n-Tetratriacontane (C34)	18.776	8292856	107.538 ug/ml
20) T n-Hexatriacontane (C36)	19.787	7409899	110.725 ug/ml
21) T n-Octatriacontane (C38)	21.155	6961010	110.906 ug/ml
22) T n-Tetracontane (C40)	23.055	6907995	111.948 ug/ml

(f)=RT Delta > 1/2 Window

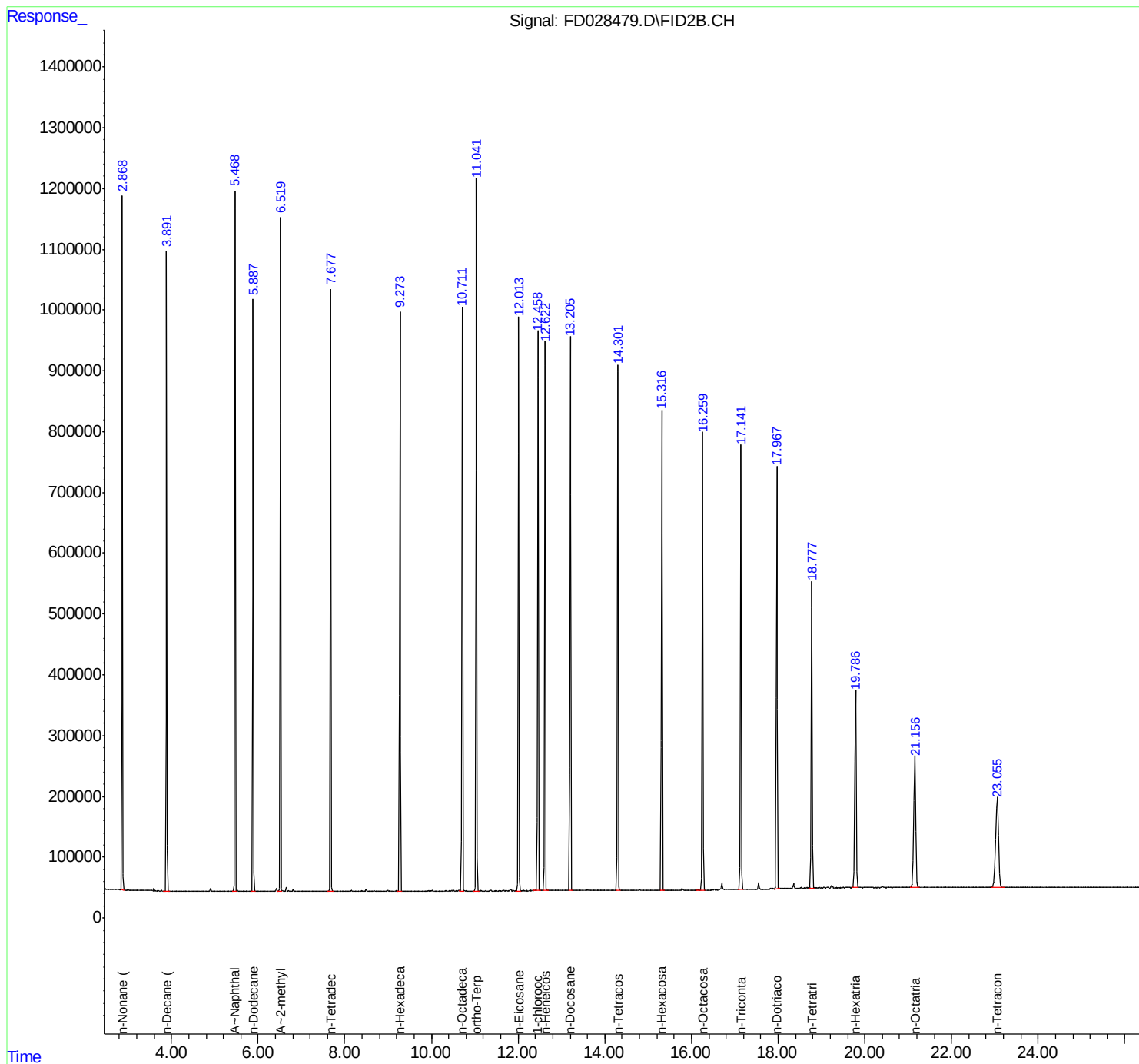
(m)=manual int.

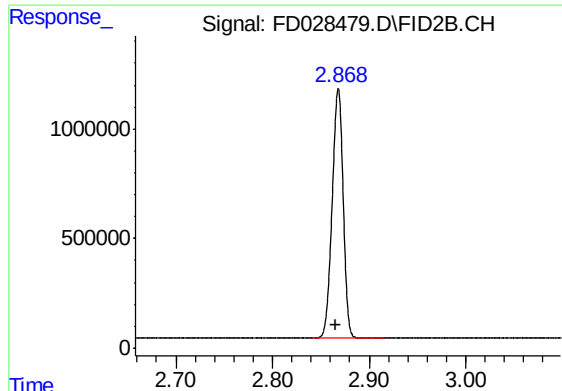
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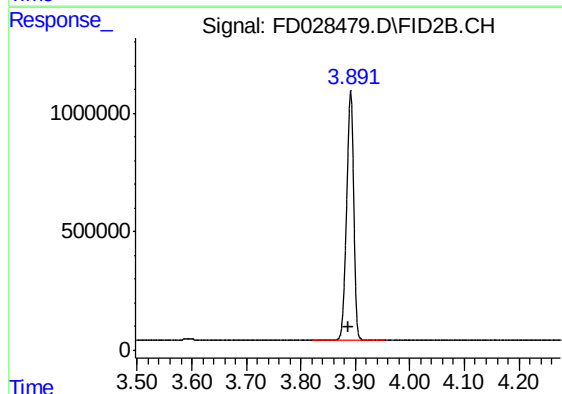




#1 n-Nonane (C9)

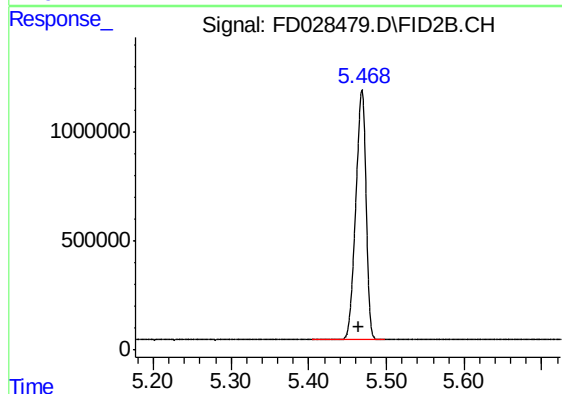
R.T.: 2.868 min
Delta R.T.: 0.002 min
Response: 9058670
Conc: 98.82 ug/ml

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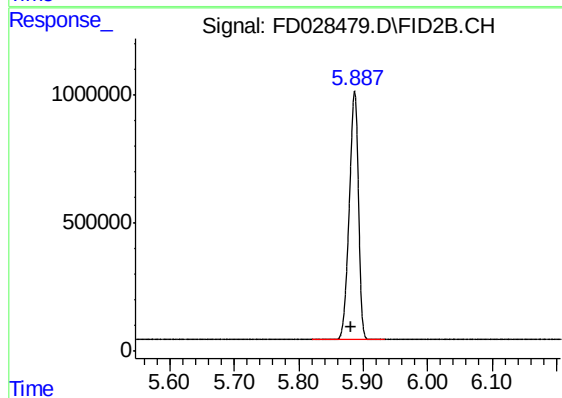
#2 n-Decane (C10)

R.T.: 3.891 min
Delta R.T.: 0.004 min
Response: 9368675
Conc: 100.01 ug/ml



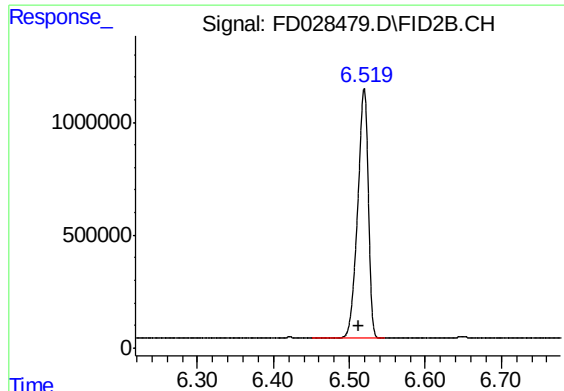
#3 A~Naphthalene (C11.7)

R.T.: 5.468 min
Delta R.T.: 0.004 min
Response: 10558288
Conc: 99.92 ug/ml



#4 n-Dodecane (C12)

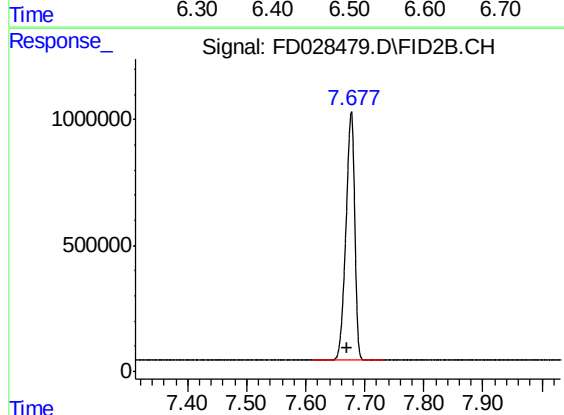
R.T.: 5.887 min
Delta R.T.: 0.005 min
Response: 9686986
Conc: 102.03 ug/ml



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

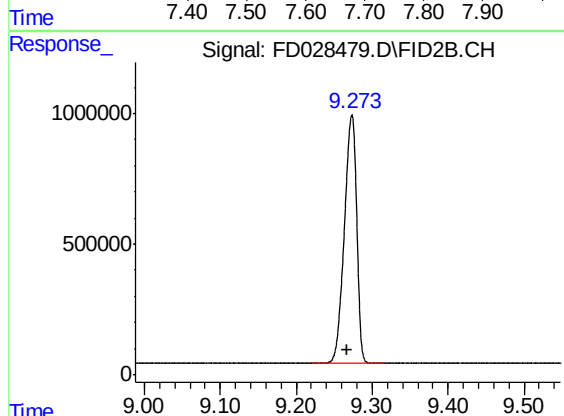
R.T.: 6.519 min
Delta R.T.: 0.006 min
Response: 10805971
Conc: 100.69 ug/ml

Instrument :
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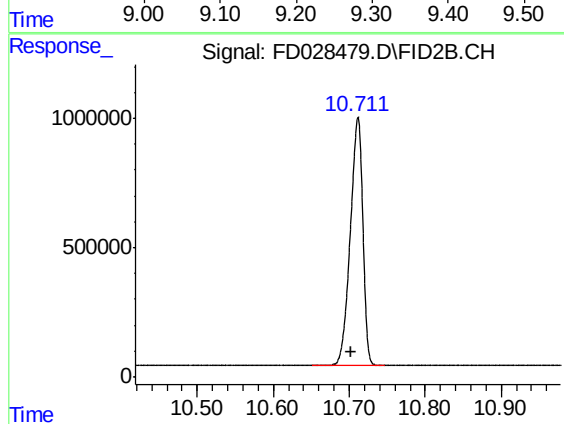
#6 n-Tetradecane (C14)

R.T.: 7.677 min
Delta R.T.: 0.006 min
Response: 10214605
Conc: 103.63 ug/ml



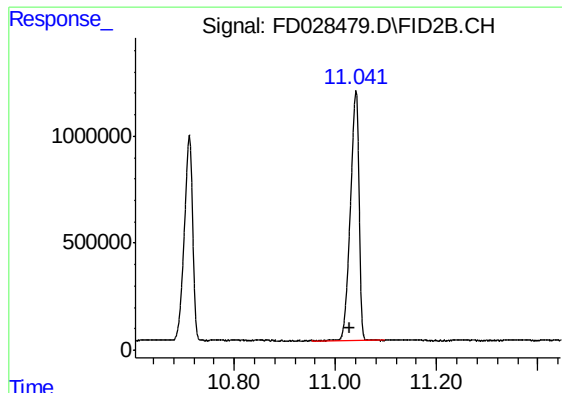
#7 n-Hexadecane (C16)

R.T.: 9.273 min
Delta R.T.: 0.007 min
Response: 10651472
Conc: 103.78 ug/ml



#8 n-Octadecane (C18)

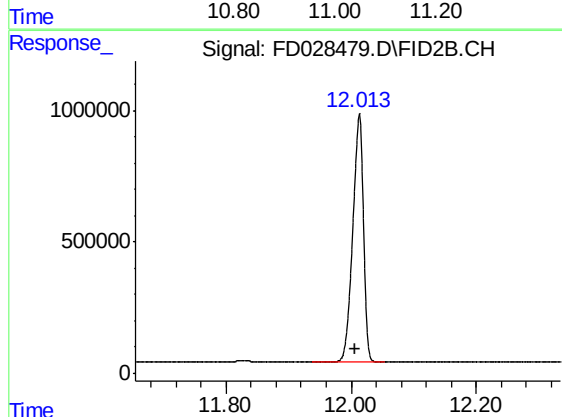
R.T.: 10.711 min
Delta R.T.: 0.008 min
Response: 10958108
Conc: 101.99 ug/ml



#9 ortho-Terphenyl (SURR)

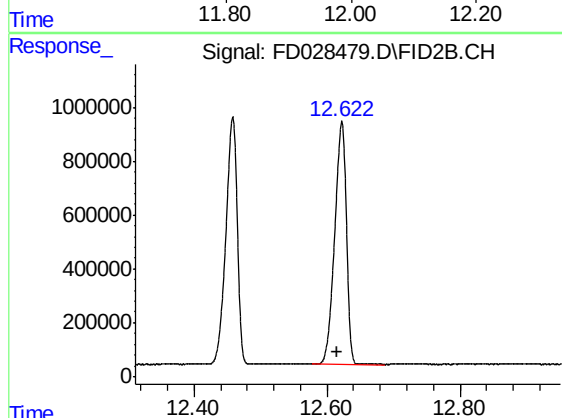
R.T.: 11.040 min
Delta R.T.: 0.011 min
Response: 13779839
Conc: 98.82 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



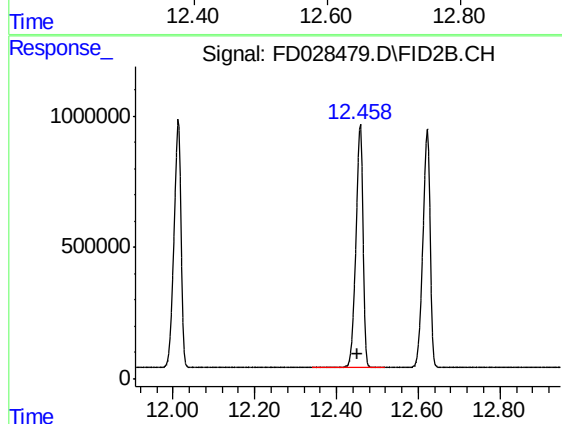
#10 n-Eicosane (C20)

R.T.: 12.013 min
Delta R.T.: 0.007 min
Response: 11113232
Conc: 101.52 ug/ml



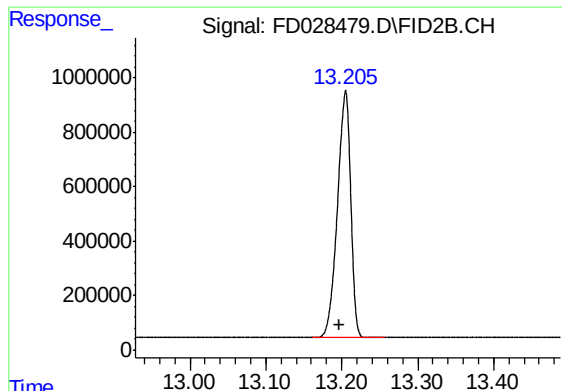
#11 n-Heneicosane (C21)

R.T.: 12.622 min
Delta R.T.: 0.007 min
Response: 11051536
Conc: 102.08 ug/ml



#12 1-chlorooctadecane (SURR)

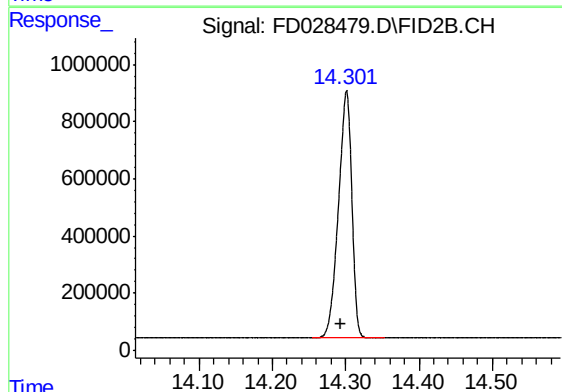
R.T.: 12.458 min
Delta R.T.: 0.007 min
Response: 10982166
Conc: 100.81 ug/ml



#13 n-Docosane (C22)

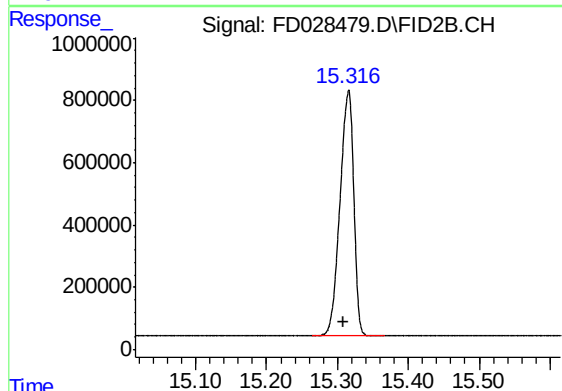
R.T.: 13.205 min
Delta R.T.: 0.007 min
Response: 11020446
Conc: 101.41 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



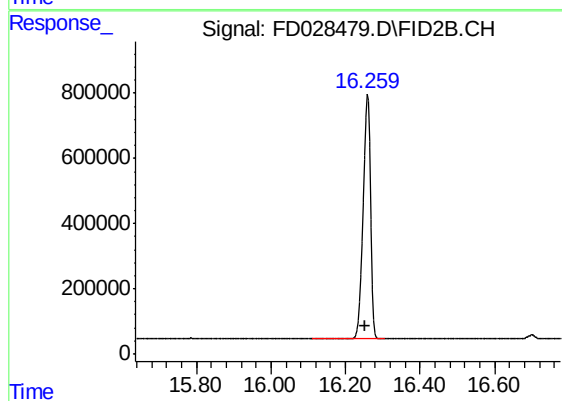
#14 n-Tetracosane (C24)

R.T.: 14.301 min
Delta R.T.: 0.007 min
Response: 10875242
Conc: 101.41 ug/ml



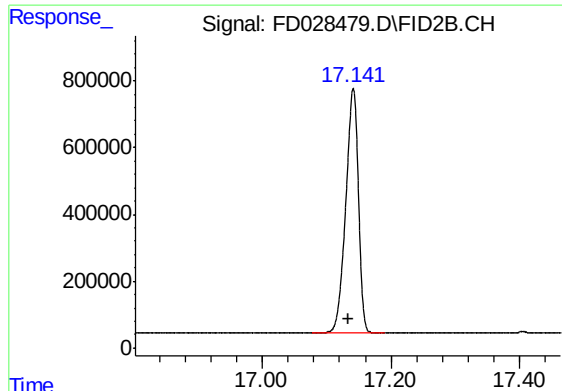
#15 n-Hexacosane (C26)

R.T.: 15.315 min
Delta R.T.: 0.007 min
Response: 10577826
Conc: 101.51 ug/ml



#16 n-Octacosane (C28)

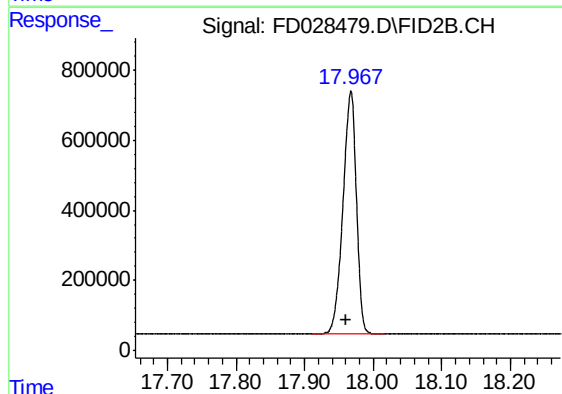
R.T.: 16.259 min
Delta R.T.: 0.007 min
Response: 10335707
Conc: 101.75 ug/ml



#17 n-Tricontane (C30)

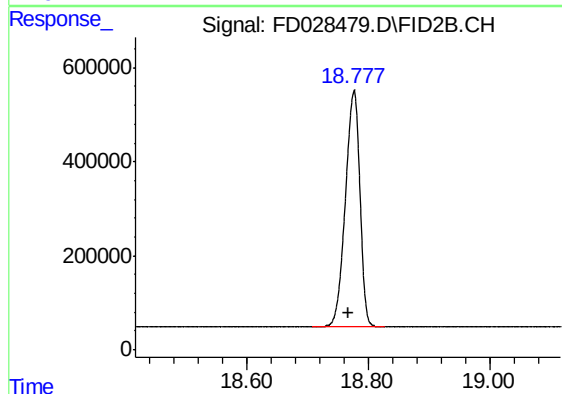
R.T.: 17.141 min
Delta R.T.: 0.008 min
Response: 9956235
Conc: 102.56 ug/ml

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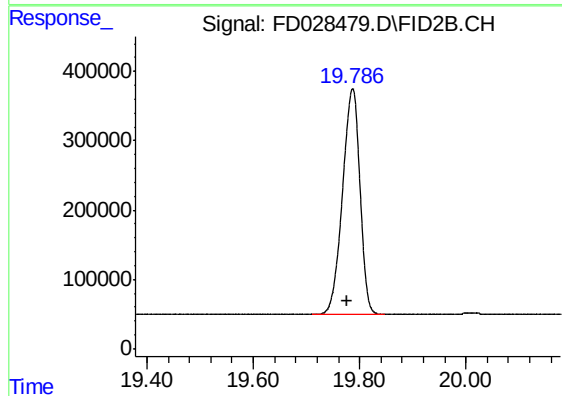
#18 n-Dotriacontane (C32)

R.T.: 17.967 min
Delta R.T.: 0.007 min
Response: 9392107
Conc: 104.91 ug/ml



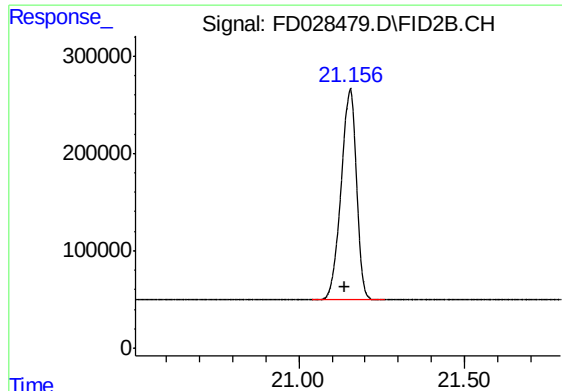
#19 n-Tetratriacontane (C34)

R.T.: 18.776 min
Delta R.T.: 0.008 min
Response: 8292856
Conc: 107.54 ug/ml



#20 n-Hexatriacontane (C36)

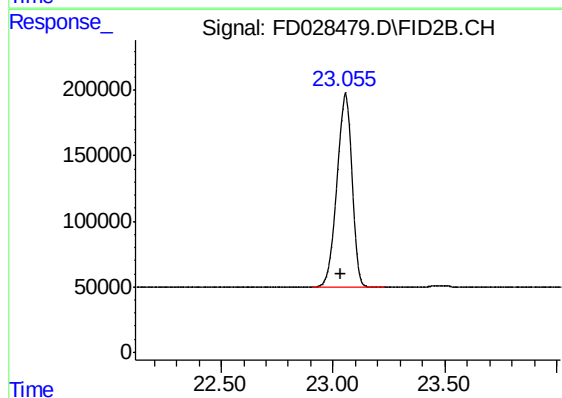
R.T.: 19.787 min
Delta R.T.: 0.010 min
Response: 7409899
Conc: 110.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: 0.018 min
Response: 6961010
Conc: 110.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 23.055 min
Delta R.T.: 0.022 min
Response: 6907995
Conc: 111.95 ug/ml