

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070621AL\
 Data File : FD038061.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jul 2021 20:10
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jul 07 10:10:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:09:32 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)	11.417	1446904	9.909 ug/ml
Spiked Amount 50.000		Recovery =	19.82%
12) S 1-chlorooctadecane (S...	12.852	1142858	9.848 ug/ml
Spiked Amount 50.000		Recovery =	19.70%
Target Compounds			
1) T n-Nonane (C9)	3.237	1210948	9.878 ug/ml
2) T n-Decane (C10)	4.292	1216002	9.865 ug/ml
3) T A~Naphthalene (C11.7)	5.860	1355700	9.841 ug/ml
4) T n-Dodecane (C12)	6.296	1231653	9.856 ug/ml
5) T A~2-methylnaphthalene...	6.910	1356559	9.754 ug/ml
6) T n-Tetradecane (C14)	8.081	1264388	9.849 ug/ml
7) T n-Hexadecane (C16)	9.673	1278920	9.796 ug/ml
8) T n-Octadecane (C18)	11.108	1337701	9.831 ug/ml
10) T n-Eicosane (C20)	12.411	1347011	9.896 ug/ml
11) T n-Heneicosane (C21)	13.021	1361616	9.825 ug/ml
13) T n-Docosane (C22)	13.603	1355914	9.917 ug/ml
14) T n-Tetracosane (C24)	14.701	1367799	9.949 ug/ml
15) T n-Hexacosane (C26)	15.715	1344408	9.978 ug/ml
16) T n-Octacosane (C28)	16.661	1331232	9.989 ug/ml
17) T n-Tricontane (C30)	17.543	1307253	10.039 ug/ml
18) T n-Dotriacontane (C32)	18.372	1255916	10.073 ug/ml
19) T n-Tetratriacontane (C34)	19.151	1200681	10.084 ug/ml
20) T n-Hexatriacontane (C36)	19.887	1130757	10.118 ug/ml
21) T n-Octatriacontane (C38)	20.592	1024173	9.956 ug/ml
22) T n-Tetracontane (C40)	21.419	984563	9.958 ug/ml

(f)=RT Delta > 1/2 Window

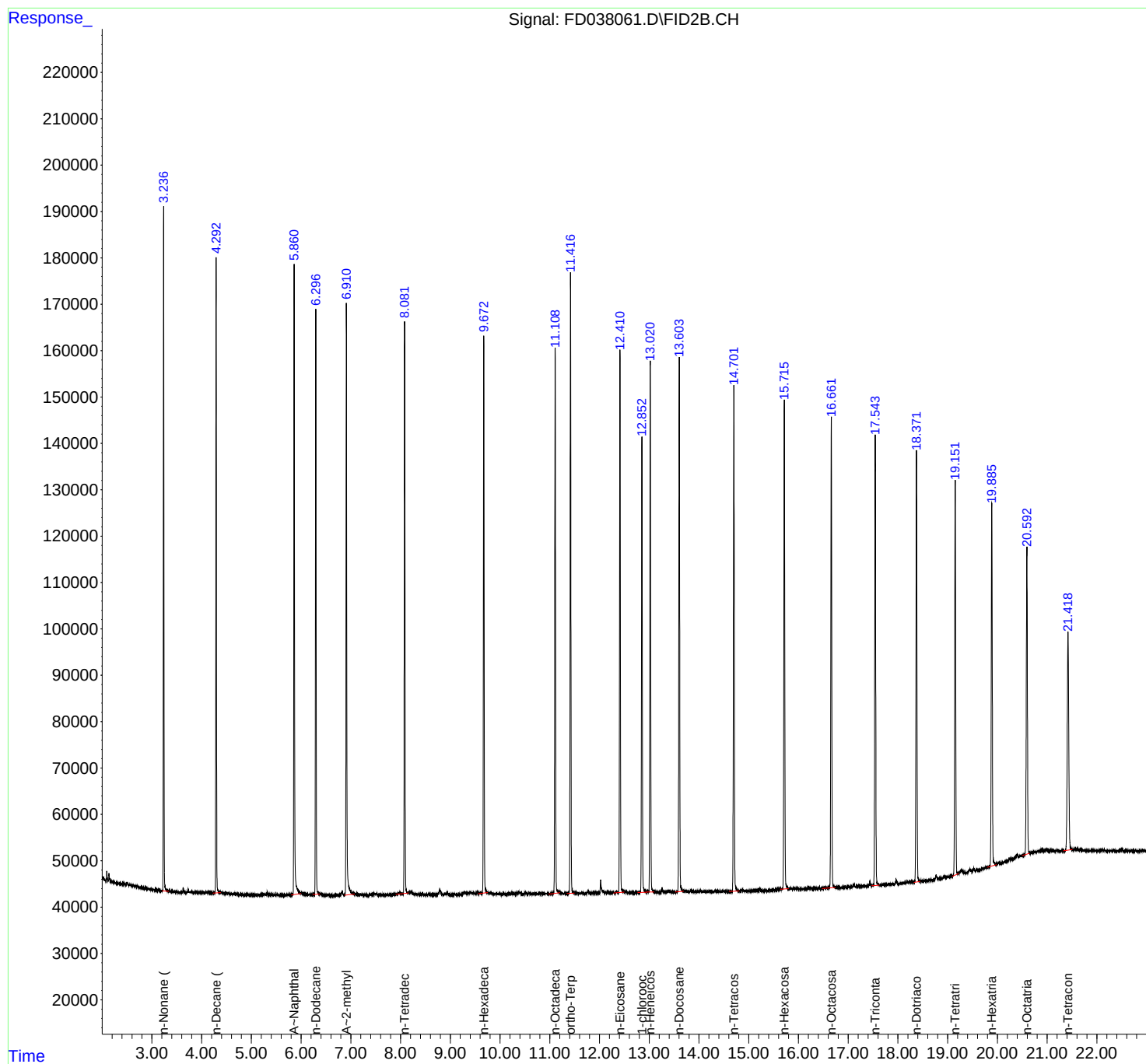
(m)=manual int.

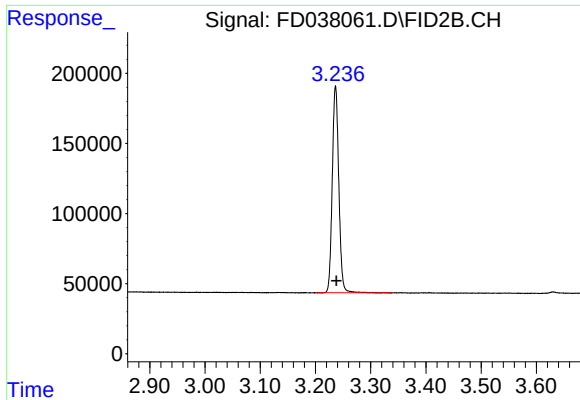
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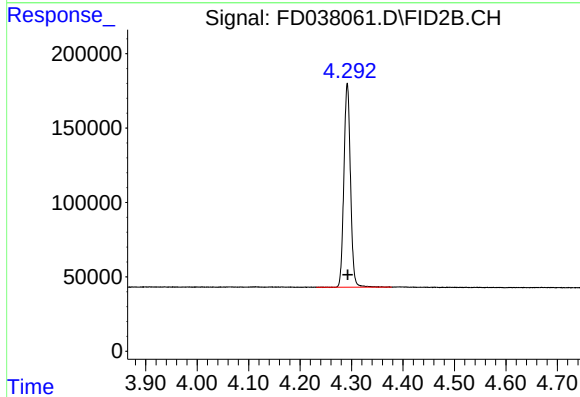




#1 n-Nonane (C9)

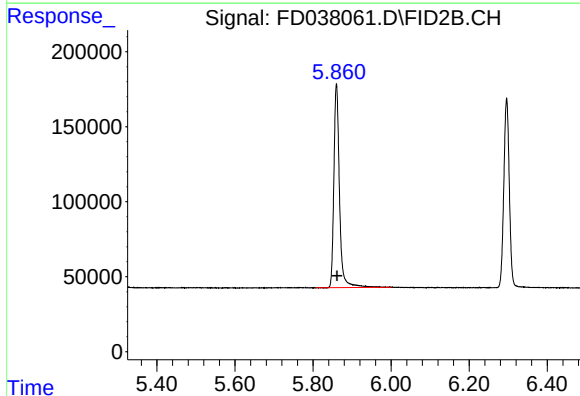
R.T.: 3.237 min
Delta R.T.: -0.001 min
Response: 1210948
Conc: 9.88 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



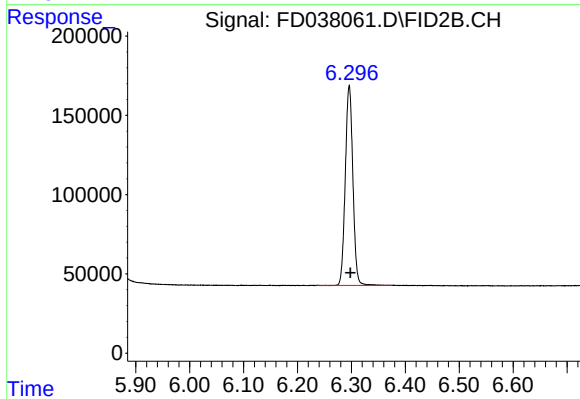
#2 n-Decane (C10)

R.T.: 4.292 min
Delta R.T.: -0.001 min
Response: 1216002
Conc: 9.87 ug/ml



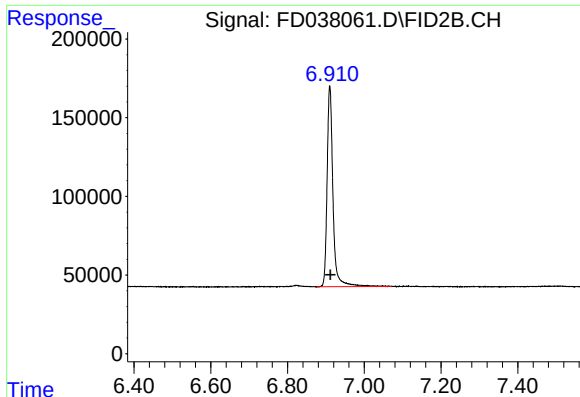
#3 A~Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: -0.001 min
Response: 1355700
Conc: 9.84 ug/ml



#4 n-Dodecane (C12)

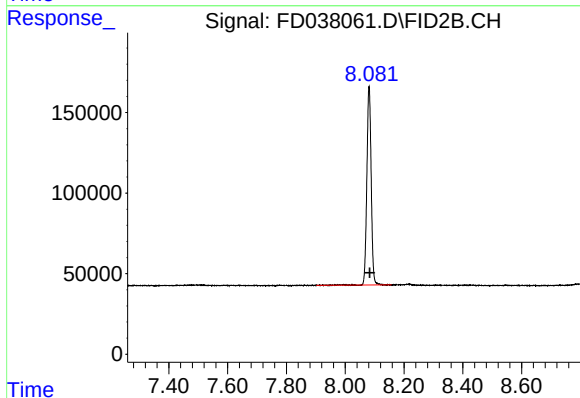
R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 1231653
Conc: 9.86 ug/ml



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

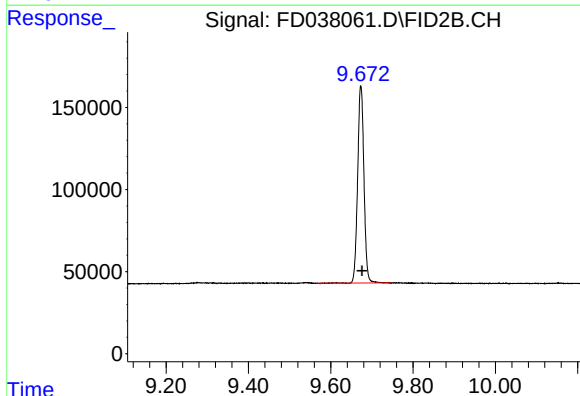
R.T.: 6.910 min
Delta R.T.: -0.002 min
Response: 1356559
Conc: 9.75 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



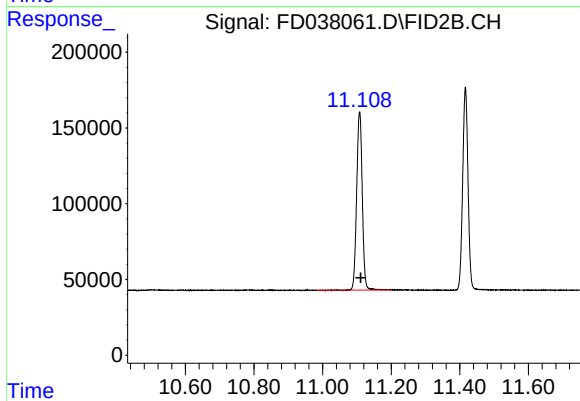
#6 n-Tetradecane (C14)

R.T.: 8.081 min
Delta R.T.: -0.003 min
Response: 1264388
Conc: 9.85 ug/ml



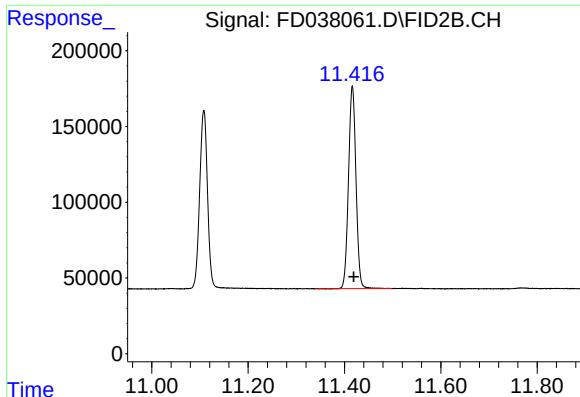
#7 n-Hexadecane (C16)

R.T.: 9.673 min
Delta R.T.: -0.003 min
Response: 1278920
Conc: 9.80 ug/ml



#8 n-Octadecane (C18)

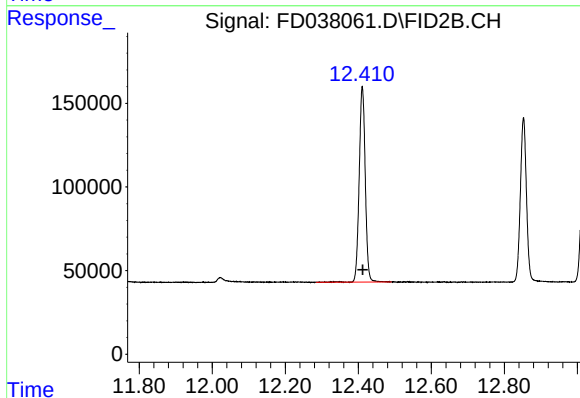
R.T.: 11.108 min
Delta R.T.: -0.003 min
Response: 1337701
Conc: 9.83 ug/ml



#9 ortho-Terphenyl (SURR)

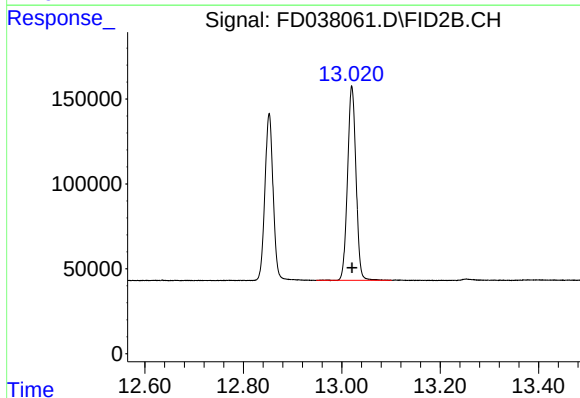
R.T.: 11.417 min
Delta R.T.: -0.003 min
Response: 1446904
Conc: 9.91 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



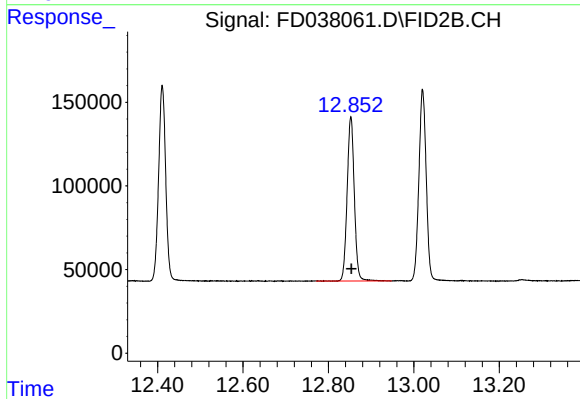
#10 n-Eicosane (C20)

R.T.: 12.411 min
Delta R.T.: -0.002 min
Response: 1347011
Conc: 9.90 ug/ml



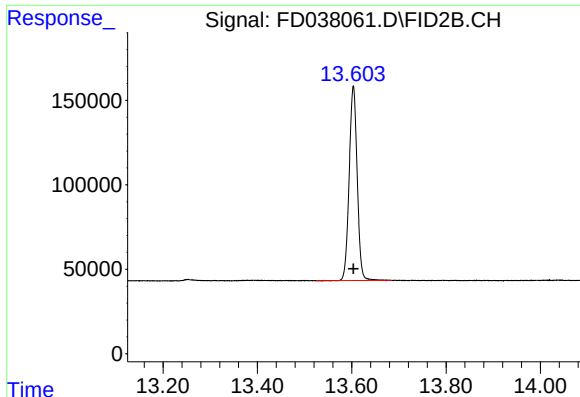
#11 n-Heneicosane (C21)

R.T.: 13.021 min
Delta R.T.: 0.000 min
Response: 1361616
Conc: 9.82 ug/ml



#12 1-chlorooctadecane (SURR)

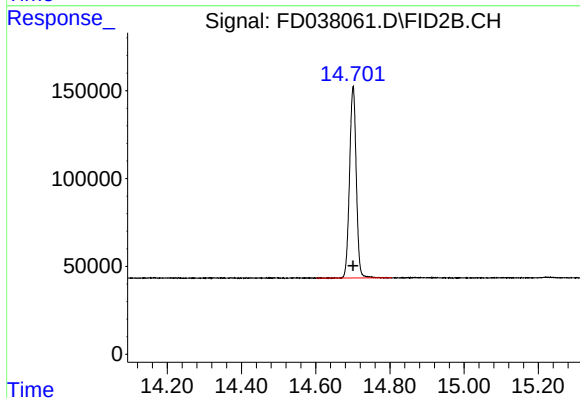
R.T.: 12.852 min
Delta R.T.: -0.001 min
Response: 1142858
Conc: 9.85 ug/ml



#13 n-Docosane (C22)

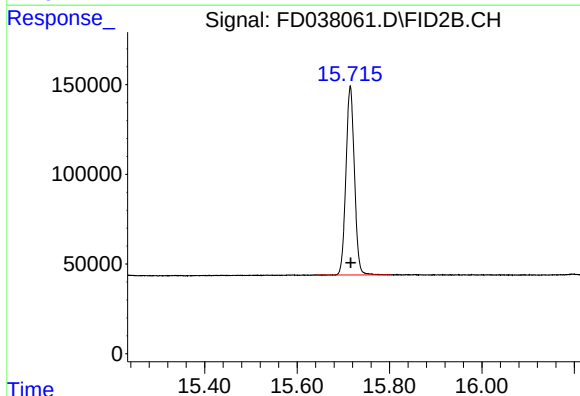
R.T.: 13.603 min
Delta R.T.: 0.000 min
Response: 1355914
Conc: 9.92 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



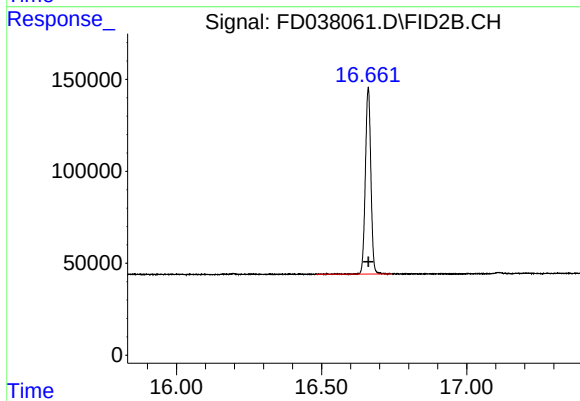
#14 n-Tetracosane (C24)

R.T.: 14.701 min
Delta R.T.: 0.000 min
Response: 1367799
Conc: 9.95 ug/ml



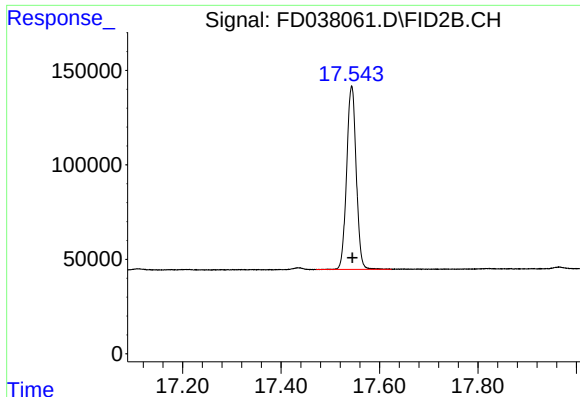
#15 n-Hexacosane (C26)

R.T.: 15.715 min
Delta R.T.: -0.001 min
Response: 1344408
Conc: 9.98 ug/ml



#16 n-Octacosane (C28)

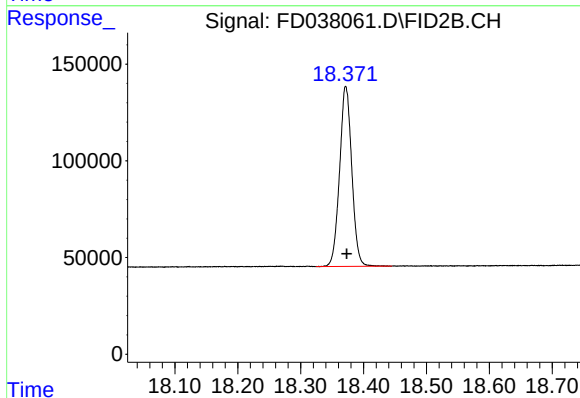
R.T.: 16.661 min
Delta R.T.: 0.000 min
Response: 1331232
Conc: 9.99 ug/ml



#17 n-Tricontane (C30)

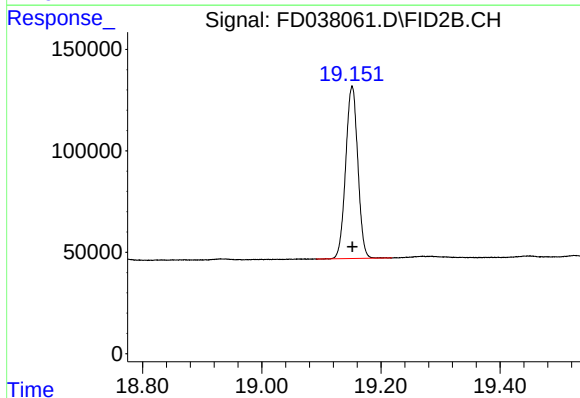
R.T.: 17.543 min
Delta R.T.: -0.002 min
Response: 1307253
Conc: 10.04 ug/ml

Instrument :
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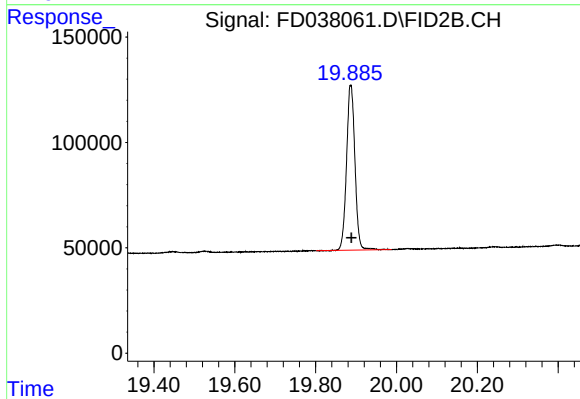
#18 n-Dotriacontane (C32)

R.T.: 18.372 min
Delta R.T.: -0.001 min
Response: 1255916
Conc: 10.07 ug/ml



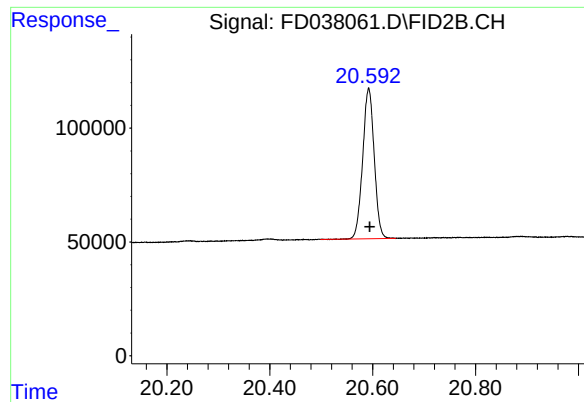
#19 n-Tetratriacontane (C34)

R.T.: 19.151 min
Delta R.T.: 0.000 min
Response: 1200681
Conc: 10.08 ug/ml



#20 n-Hexatriacontane (C36)

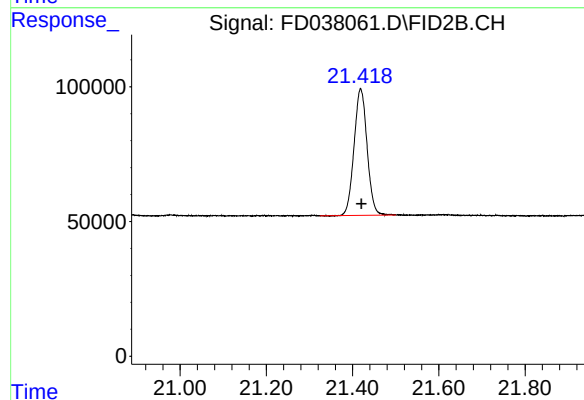
R.T.: 19.887 min
Delta R.T.: -0.002 min
Response: 1130757
Conc: 10.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.592 min
Delta R.T.: -0.002 min
Response: 1024173
Conc: 9.96 ug/ml

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FID_D
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.419 min
Delta R.T.: -0.002 min
Response: 984563
Conc: 9.96 ug/ml