Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100818AL\
Data File : FD025890.D
Signal(s) : FID2B.CH
Acq On : 09 Oct 2018 10:07
Operator : AJ\SJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 09 11:56:28 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 091718.M
Quant Title : GC Extractables
QLast Update : Tue Sep 18 07:25:24 2018
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)	11.318	1459590	17.394 ug/ml
Spiked Amount 50.000		Recovery =	34.79%
12) S 1-chlorooctadecane (S...	12.761	1109039	18.165 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
Target Compounds			
1) T n-Nonane (C9)	3.130	1158438	16.553 ug/ml
2) T n-Decane (C10)	4.192	1172686	16.699 ug/ml
3) T A~Naphthalene (C11.7)	5.757	1383061	16.929 ug/ml
4) T n-Dodecane (C12)	6.206	1175898	17.013 ug/ml
5) T A~2-methylnaphthalene...	6.809	1400554	17.229 ug/ml
6) T n-Tetradecane (C14)	7.992	1203367	17.258 ug/ml
7) T n-Hexadecane (C16)	9.585	1239818	17.586 ug/ml
8) T n-Octadecane (C18)	11.019	1262840	17.763 ug/ml
10) T n-Eicosane (C20)	12.322	1281694	18.058 ug/ml
11) T n-Heneicosane (C21)	12.931	1276967	18.609 ug/ml
13) T n-Docosane (C22)	13.514	1278514	18.932 ug/ml
14) T n-Tetracosane (C24)	14.612	1286937	19.663 ug/ml
15) T n-Hexacosane (C26)	15.628	1294049	20.830 ug/ml
16) T n-Octacosane (C28)	16.573	1316619	21.172 ug/ml
17) T n-Tricontane (C30)	17.456	1339374	19.975 ug/ml
18) T n-Dotriacontane (C32)	18.283	1376129	21.218 ug/ml
19) T n-Tetratriacontane (C34)	19.063	1333940	21.863 ug/ml
20) T n-Hexatriacontane (C36)	19.799	1285754	22.521 ug/ml
21) T n-Octatriacontane (C38)	20.498	1254250	22.414 ug/ml
22) T n-Tetracontane (C40)	21.303	1229820	22.203 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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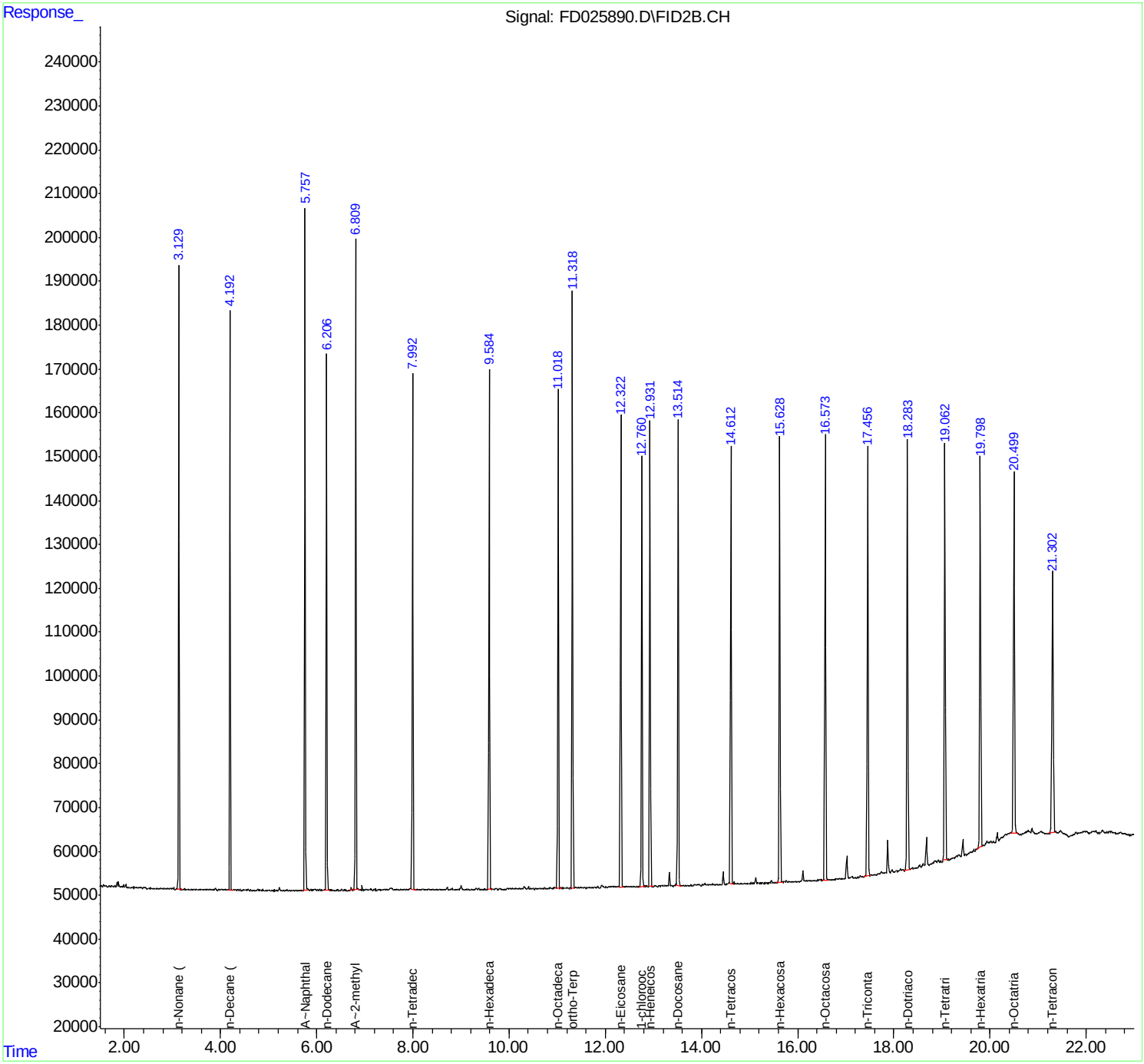
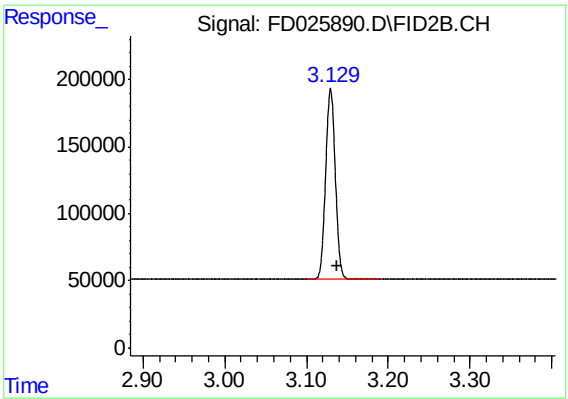
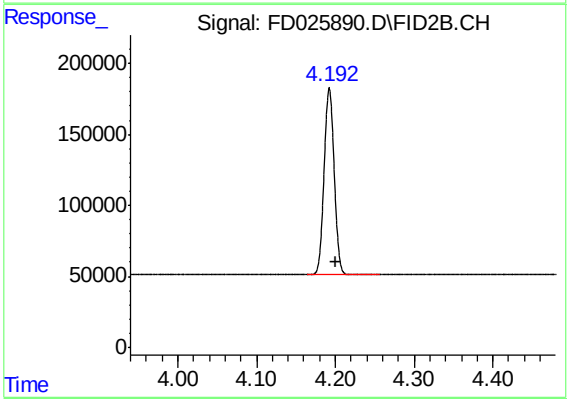
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





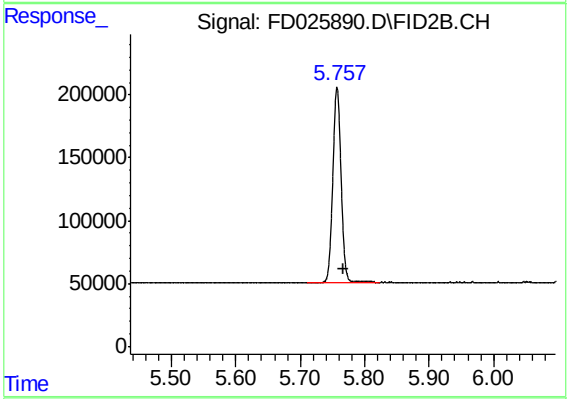
#1 n-Nonane (C9)

R.T.: 3.130 min
Delta R.T.: -0.007 min
Response: 1158438
Conc: 16.55 ug/ml



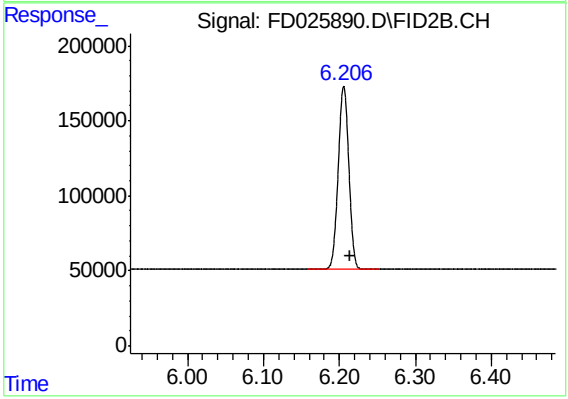
#2 n-Decane (C10)

R.T.: 4.192 min
Delta R.T.: -0.008 min
Response: 1172686
Conc: 16.70 ug/ml



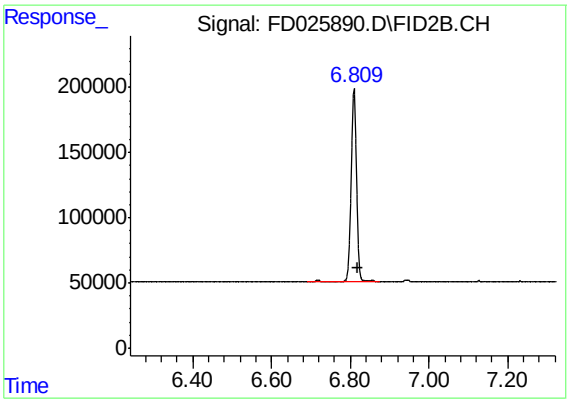
#3 A~Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.010 min
Response: 1383061
Conc: 16.93 ug/ml



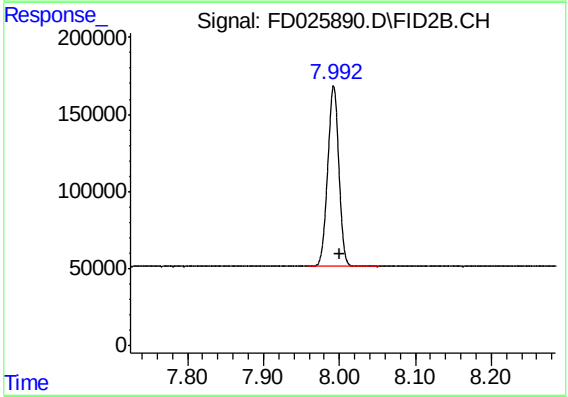
#4 n-Dodecane (C12)

R.T.: 6.206 min
Delta R.T.: -0.008 min
Response: 1175898
Conc: 17.01 ug/ml



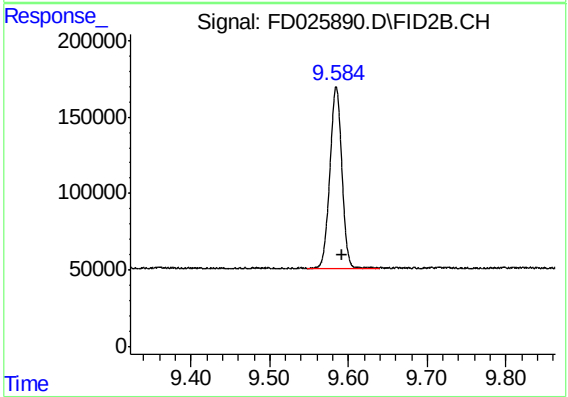
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: -0.008 min
Response: 1400554
Conc: 17.23 ug/ml



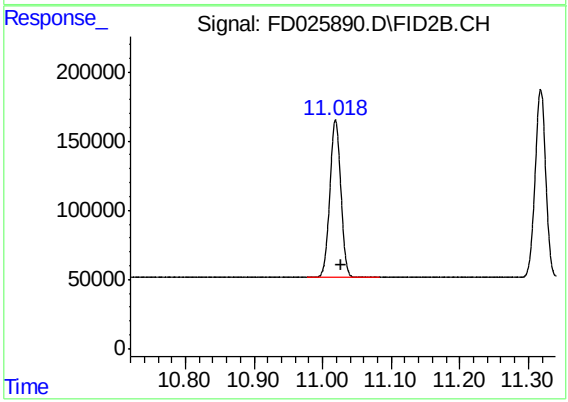
#6 n-Tetradecane (C14)

R.T.: 7.992 min
Delta R.T.: -0.008 min
Response: 1203367
Conc: 17.26 ug/ml



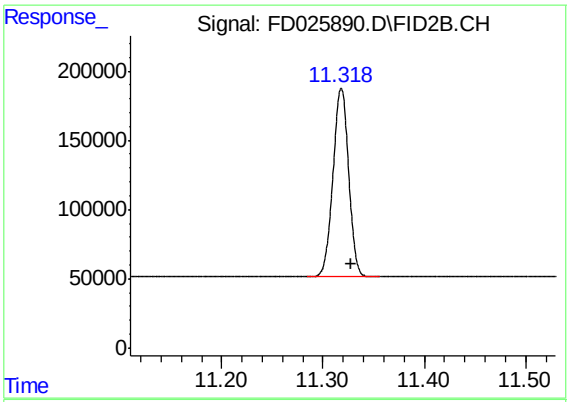
#7 n-Hexadecane (C16)

R.T.: 9.585 min
Delta R.T.: -0.008 min
Response: 1239818
Conc: 17.59 ug/ml



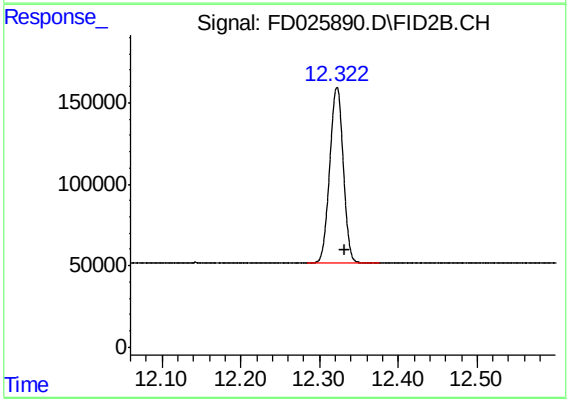
#8 n-Octadecane (C18)

R.T.: 11.019 min
Delta R.T.: -0.009 min
Response: 1262840
Conc: 17.76 ug/ml



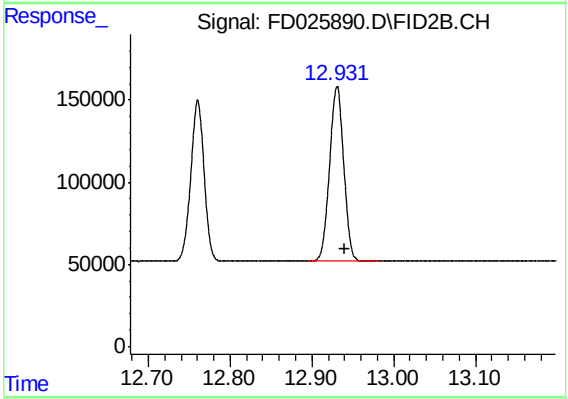
#9 ortho-Terphenyl (SURR)

R.T.: 11.318 min
Delta R.T.: -0.010 min
Response: 1459590
Conc: 17.39 ug/ml



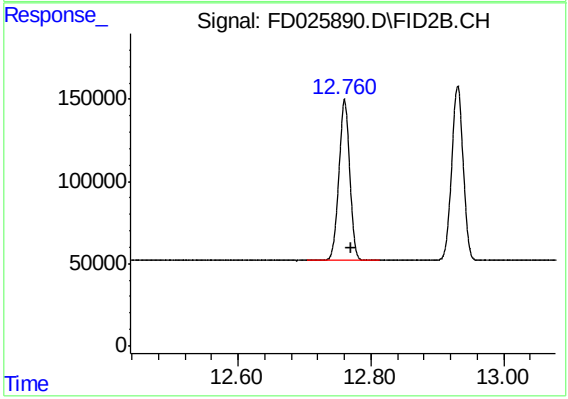
#10 n-Eicosane (C20)

R.T.: 12.322 min
Delta R.T.: -0.009 min
Response: 1281694
Conc: 18.06 ug/ml



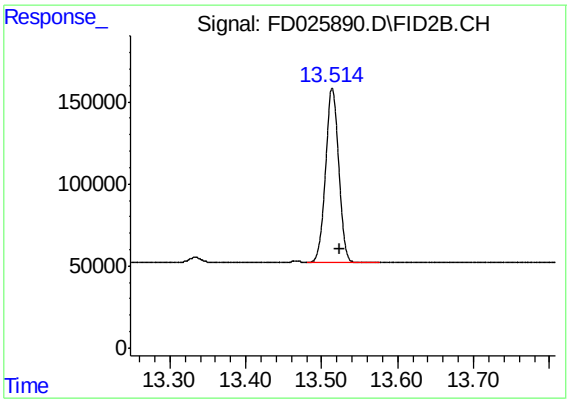
#11 n-Heneicosane (C21)

R.T.: 12.931 min
Delta R.T.: -0.010 min
Response: 1276967
Conc: 18.61 ug/ml



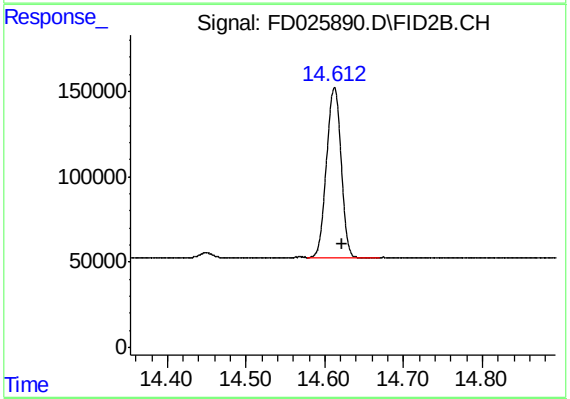
#12 1-chlorooctadecane (SURR)

R.T.: 12.761 min
Delta R.T.: -0.010 min
Response: 1109039
Conc: 18.16 ug/ml



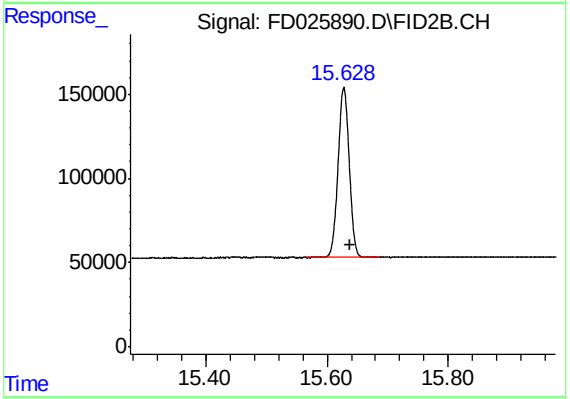
#13 n-Docosane (C22)

R.T.: 13.514 min
Delta R.T.: -0.010 min
Response: 1278514
Conc: 18.93 ug/ml



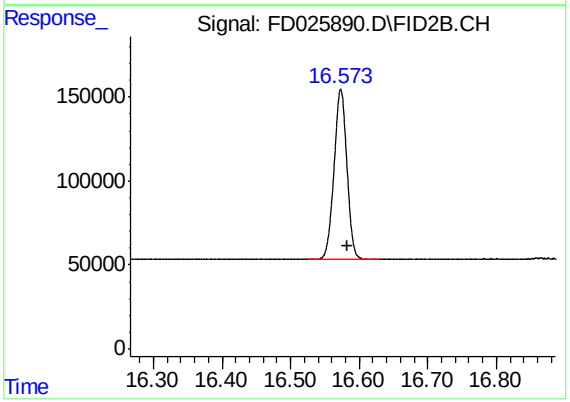
#14 n-Tetracosane (C24)

R.T.: 14.612 min
Delta R.T.: -0.010 min
Response: 1286937
Conc: 19.66 ug/ml



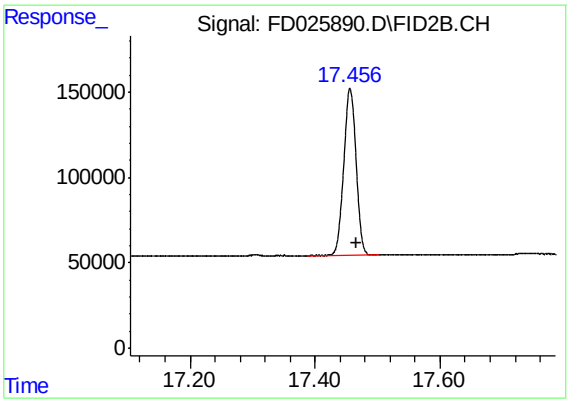
#15 n-Hexacosane (C26)

R.T.: 15.628 min
Delta R.T.: -0.010 min
Response: 1294049
Conc: 20.83 ug/ml



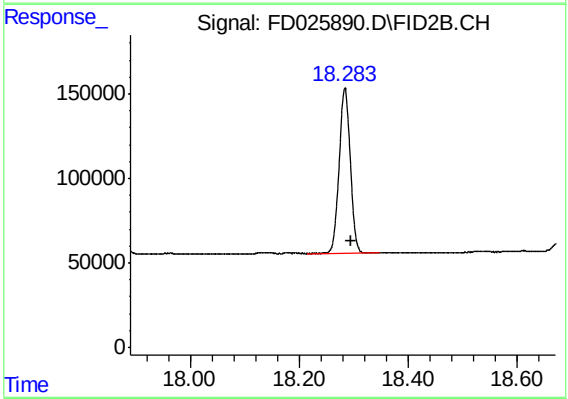
#16 n-Octacosane (C28)

R.T.: 16.573 min
Delta R.T.: -0.010 min
Response: 1316619
Conc: 21.17 ug/ml



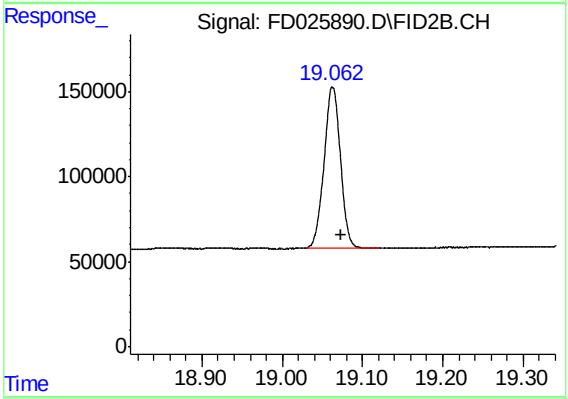
#17 n-Tricontane (C30)

R.T.: 17.456 min
Delta R.T.: -0.010 min
Response: 1339374
Conc: 19.97 ug/ml



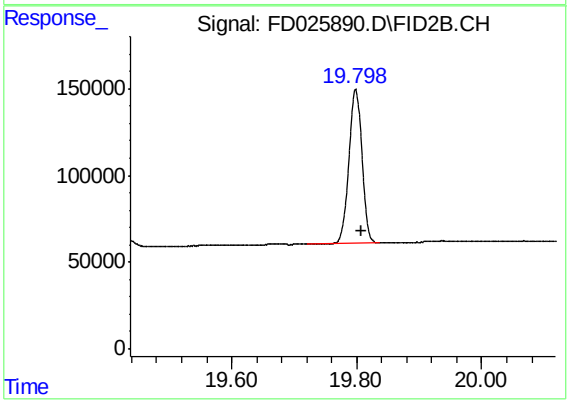
#18 n-Dotriacontane (C32)

R.T.: 18.283 min
Delta R.T.: -0.011 min
Response: 1376129
Conc: 21.22 ug/ml



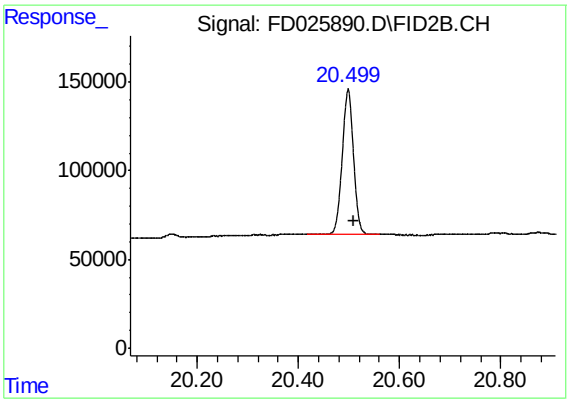
#19 n-Tetratriacontane (C34)

R.T.: 19.063 min
Delta R.T.: -0.010 min
Response: 1333940
Conc: 21.86 ug/ml



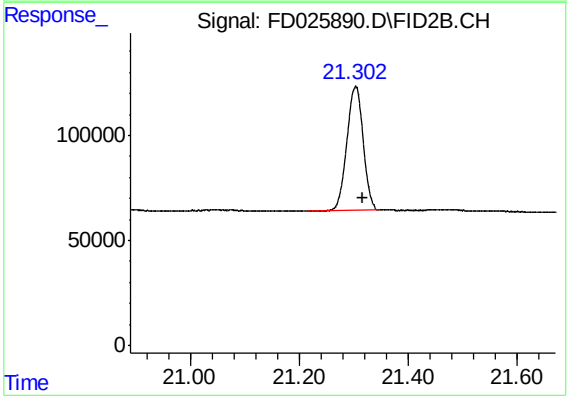
#20 n-Hexatriacontane (C36)

R.T.: 19.799 min
Delta R.T.: -0.010 min
Response: 1285754
Conc: 22.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.498 min
Delta R.T.: -0.012 min
Response: 1254250
Conc: 22.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.303 min
Delta R.T.: -0.014 min
Response: 1229820
Conc: 22.20 ug/ml