

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041520AL\
 Data File : FD032946.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2020 3:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 07:00:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040720.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 14:10:50 2020
 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)	11.502	3043742	20.258 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
12) S 1-chlorooctadecane (S...	12.933	2364280	20.144 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
Target Compounds			
1) T n-Nonane (C9)	3.310	2900638	21.694 ug/ml
2) T n-Decane (C10)	4.370	2930333	21.872 ug/ml
3) T A-Naphthalene (C11.7)	5.945	3226227	21.889 ug/ml
4) T n-Dodecane (C12)	6.376	2971758	21.918 ug/ml
5) T A-2-methylnaphthalene...	6.996	3244334	21.838 ug/ml
6) T n-Tetradecane (C14)	8.161	2974785	21.758 ug/ml
7) T n-Hexadecane (C16)	9.754	2958264	21.534 ug/ml
8) T n-Octadecane (C18)	11.188	2917051	21.064 ug/ml
10) T n-Eicosane (C20)	12.491	2856522	20.564 ug/ml
11) T n-Heneicosane (C21)	13.100	2828992	20.196 ug/ml
13) T n-Docosane (C22)	13.683	2782657	20.042 ug/ml
14) T n-Tetracosane (C24)	14.780	2727615	19.878 ug/ml
15) T n-Hexacosane (C26)	15.797	2649206	19.922 ug/ml
16) T n-Octacosane (C28)	16.742	2541844	20.137 ug/ml
17) T n-Tricontane (C30)	17.625	2354010	20.680 ug/ml
18) T n-Dotriacontane (C32)	18.453	1811021	21.559 ug/ml
19) T n-Tetratriacontane (C34)	19.231	1320377	21.771 ug/ml
20) T n-Hexatriacontane (C36)	19.968	1198227	23.882 ug/ml
21) T n-Octatriacontane (C38)	20.681	1073970	22.307 ug/ml
22) T n-Tetracontane (C40)	21.538	1146231	22.716 ug/ml

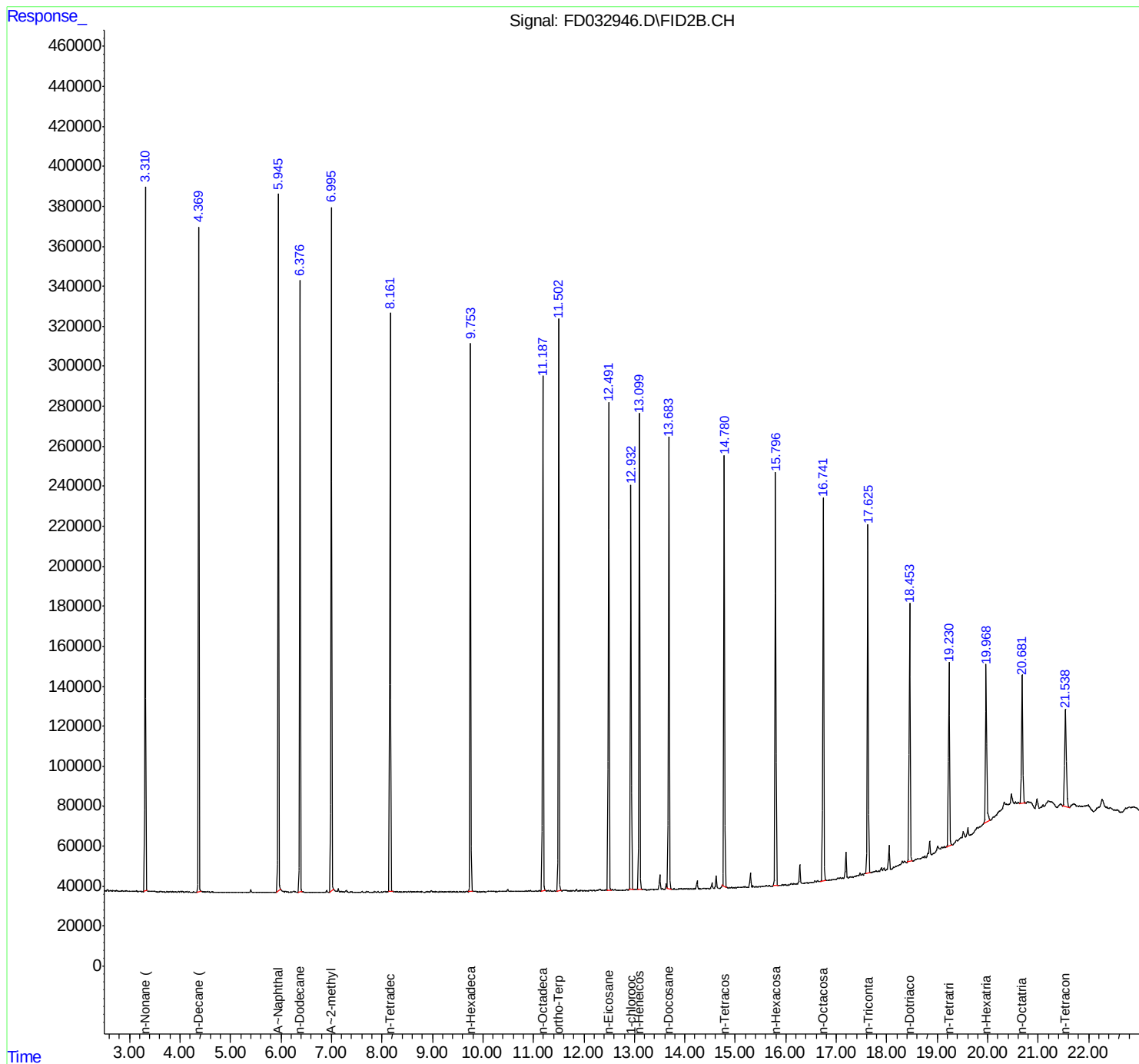
(f)=RT Delta > 1/2 Window

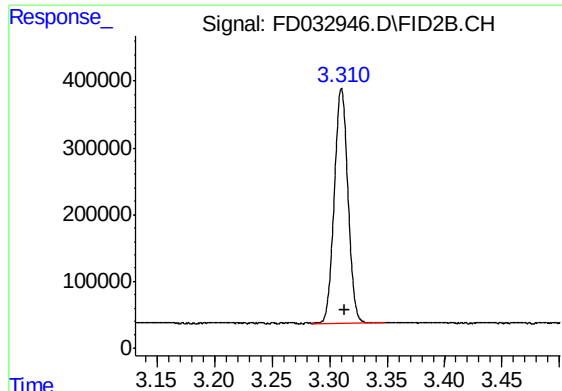
(m)=manual int.

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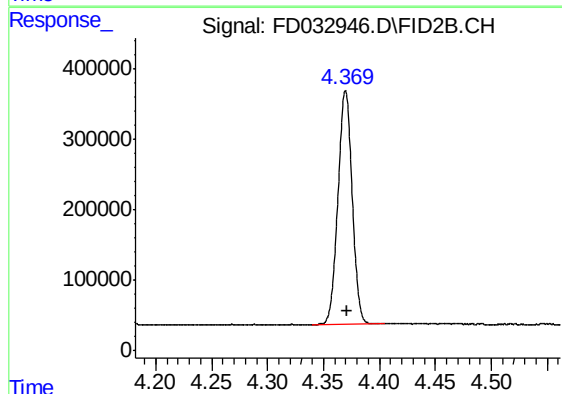
Volume Inj. : 1 ul
Signal Phase : Rx1-1ms
Signal Info : 20M x 0.18mm x 0.18um





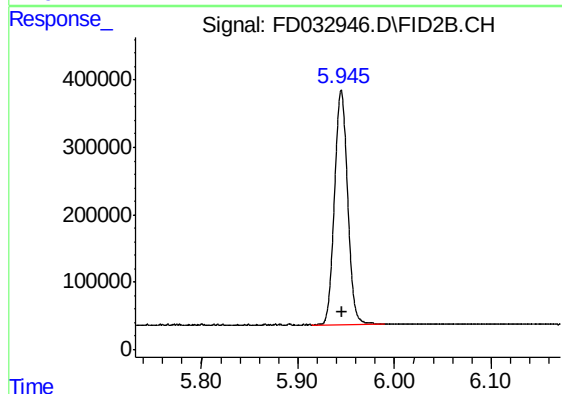
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.003 min
Response: 2900638
Conc: 21.69 ug/ml



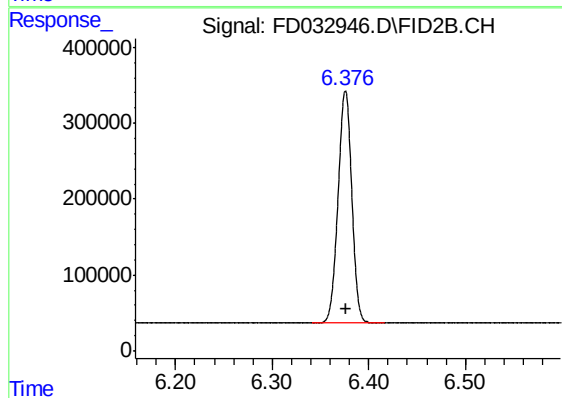
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: -0.002 min
Response: 2930333
Conc: 21.87 ug/ml



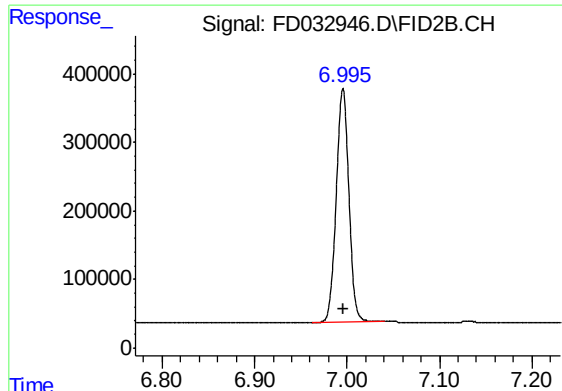
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 3226227
Conc: 21.89 ug/ml



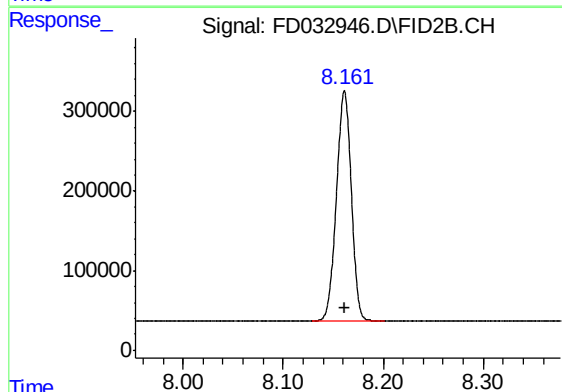
#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: -0.001 min
Response: 2971758
Conc: 21.92 ug/ml



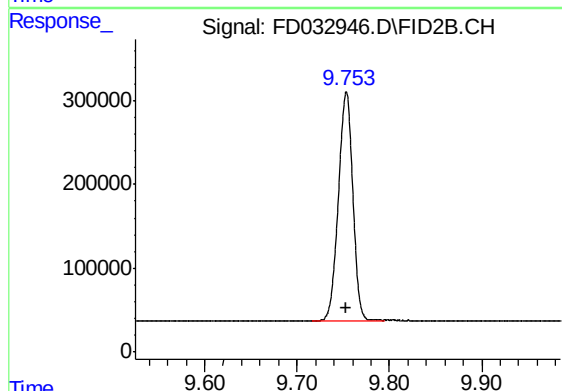
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 3244334
Conc: 21.84 ug/ml



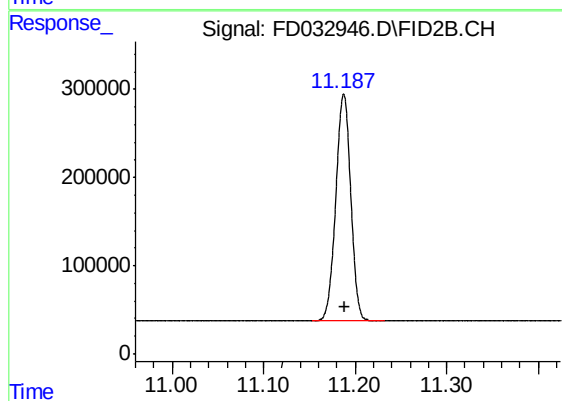
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: 0.000 min
Response: 2974785
Conc: 21.76 ug/ml



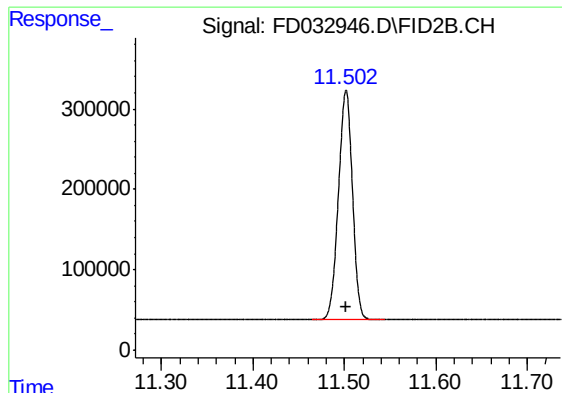
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 2958264
Conc: 21.53 ug/ml



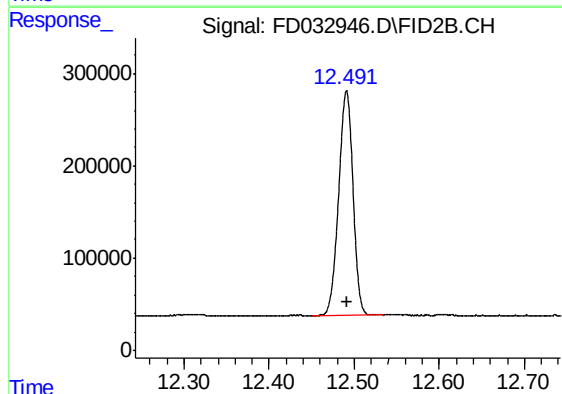
#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: 0.000 min
Response: 2917051
Conc: 21.06 ug/ml



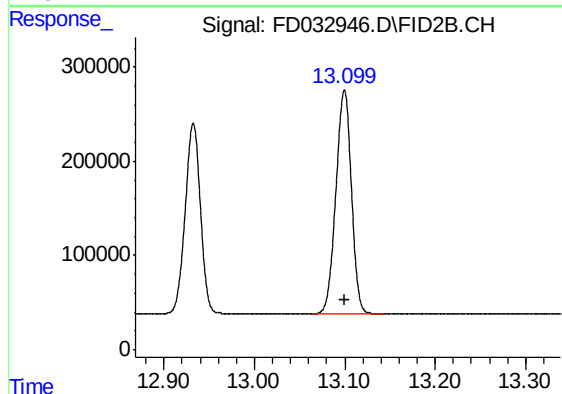
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: 0.000 min
Response: 3043742
Conc: 20.26 ug/ml



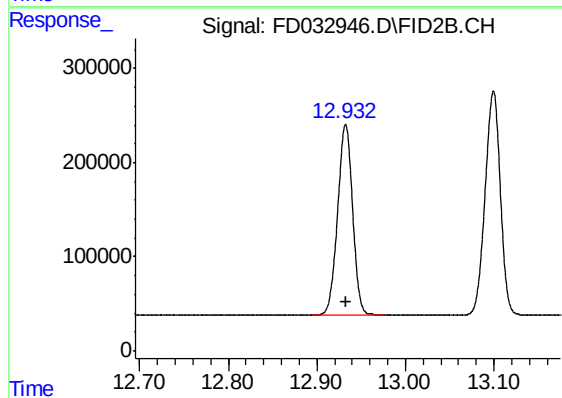
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.000 min
Response: 2856522
Conc: 20.56 ug/ml



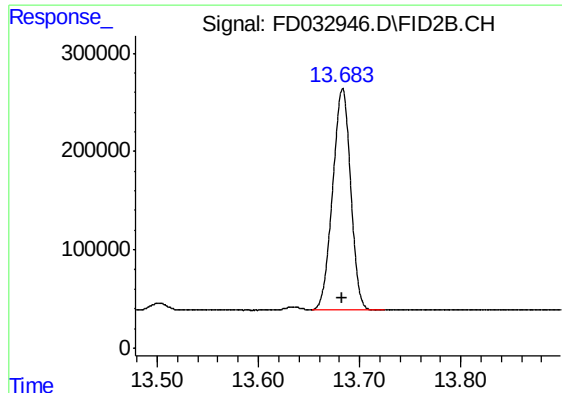
#11 n-Heneicosane (C21)

R.T.: 13.100 min
Delta R.T.: 0.000 min
Response: 2828992
Conc: 20.20 ug/ml



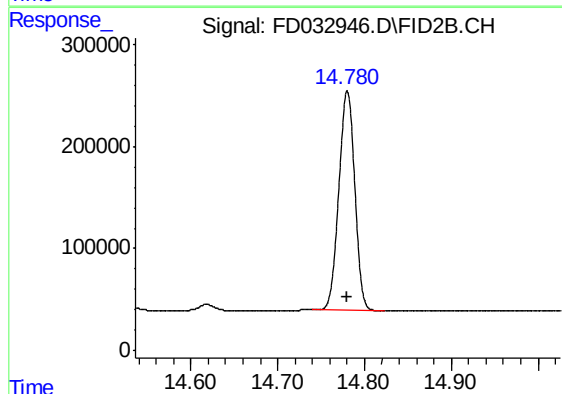
#12 1-chlorooctadecane (SURR)

R.T.: 12.933 min
Delta R.T.: 0.000 min
Response: 2364280
Conc: 20.14 ug/ml



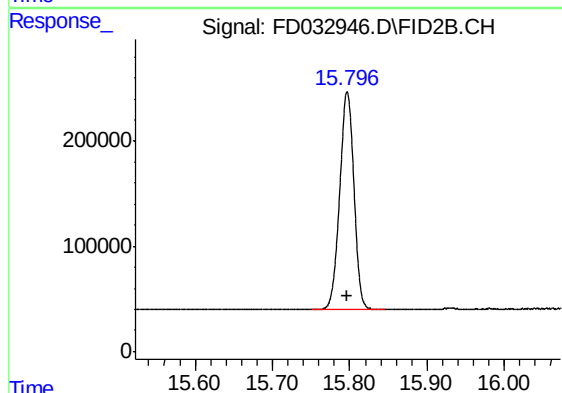
#13 n-Docosane (C22)

R.T.: 13.683 min
Delta R.T.: 0.000 min
Response: 2782657
Conc: 20.04 ug/ml



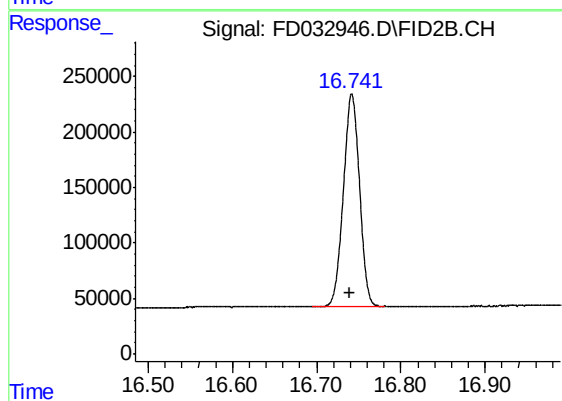
#14 n-Tetracosane (C24)

R.T.: 14.780 min
Delta R.T.: 0.000 min
Response: 2727615
Conc: 19.88 ug/ml



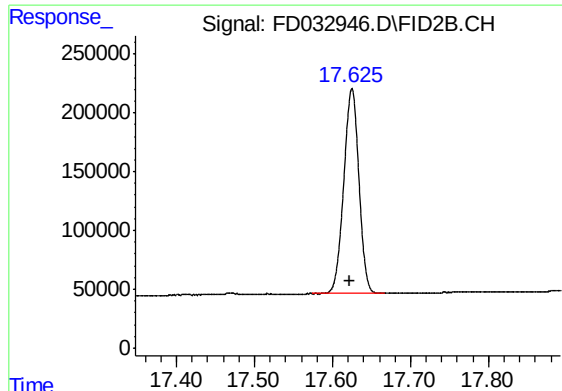
#15 n-Hexacosane (C26)

R.T.: 15.797 min
Delta R.T.: 0.000 min
Response: 2649206
Conc: 19.92 ug/ml



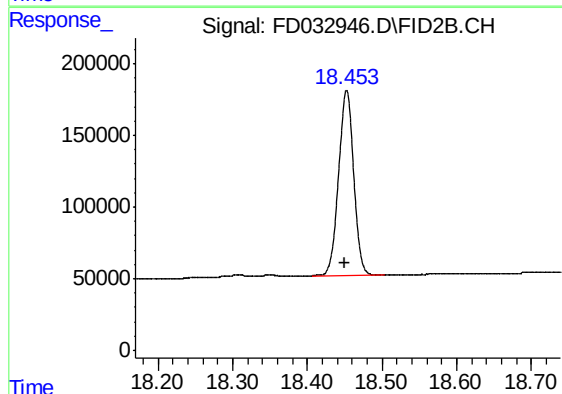
#16 n-Octacosane (C28)

R.T.: 16.742 min
Delta R.T.: 0.002 min
Response: 2541844
Conc: 20.14 ug/ml



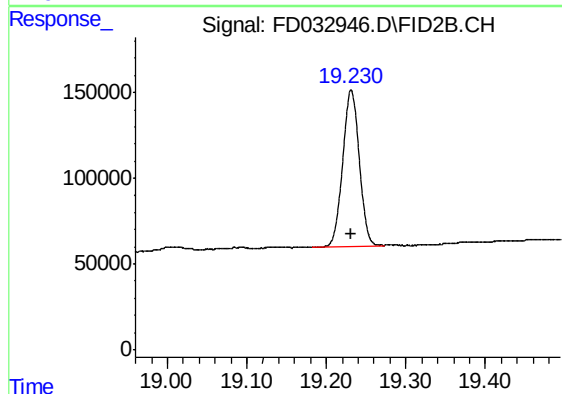
#17 n-Tricontane (C30)

R.T.: 17.625 min
Delta R.T.: 0.002 min
Response: 2354010
Conc: 20.68 ug/ml



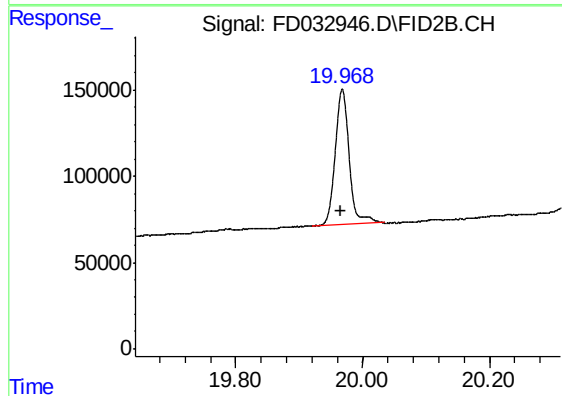
#18 n-Dotriacontane (C32)

R.T.: 18.453 min
Delta R.T.: 0.002 min
Response: 1811021
Conc: 21.56 ug/ml



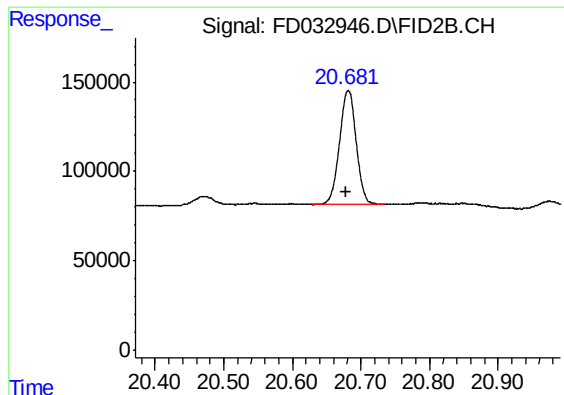
#19 n-Tetatriacontane (C34)

R.T.: 19.231 min
Delta R.T.: 0.000 min
Response: 1320377
Conc: 21.77 ug/ml



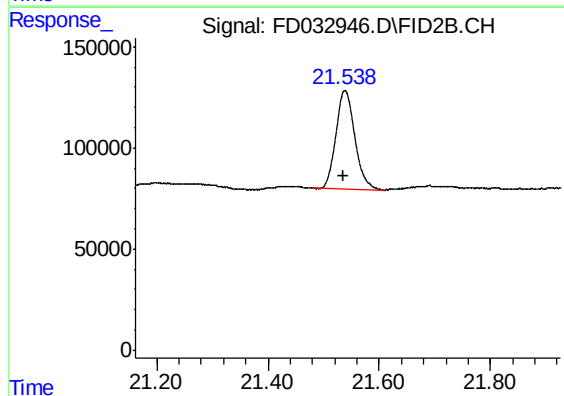
#20 n-Hexatriacontane (C36)

R.T.: 19.968 min
Delta R.T.: 0.003 min
Response: 1198227
Conc: 23.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.681 min
Delta R.T.: 0.003 min
Response: 1073970
Conc: 22.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.538 min
Delta R.T.: 0.002 min
Response: 1146231
Conc: 22.72 ug/ml