

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091819AL\
 Data File : FD030763.D
 Signal(s) : FID2B.CH
 Acq On : 19 Sep 2019 3:37
 Operator : DD\AJ
 Sample : K4668-10
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 06:38:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 04:22:49 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)	11.513	639592	4.397 ug/ml
Spiked Amount 50.000		Recovery =	8.79%
12) S 1-chlorooctadecane (S...	12.951	2845466	26.054 ug/ml
Spiked Amount 50.000		Recovery =	52.11%
Target Compounds			
6) T n-Tetradecane (C14)	8.141	138990	1.092 ug/ml
7) T n-Hexadecane (C16)	9.733	467742	3.664 ug/ml
8) T n-Octadecane (C18)	11.204	150297	1.172 ug/ml
10) T n-Eicosane (C20)	12.453	1305433	10.244 ug/ml
11) T n-Heneicosane (C21)	13.086	845435	6.609 ug/ml
13) T n-Docosane (C22)	13.684	2650802	20.811 ug/ml
14) T n-Tetracosane (C24)	14.781	275124	2.167 ug/ml
15) T n-Hexacosane (C26)	15.766	928049	7.461 ug/ml
16) T n-Octacosane (C28)	16.728	3621290	29.701 ug/ml
17) T n-Tricontane (C30)	17.604	921820	7.753 ug/ml
18) T n-Dotriacontane (C32)	18.419	693630	6.049 ug/ml
19) T n-Tetratriacontane (C34)	19.190	966259	8.900 ug/ml
20) T n-Hexatriacontane (C36)	19.907	2077419	20.238 ug/ml
22) T n-Tetracontane (C40)	21.512	118342	1.154 ug/ml

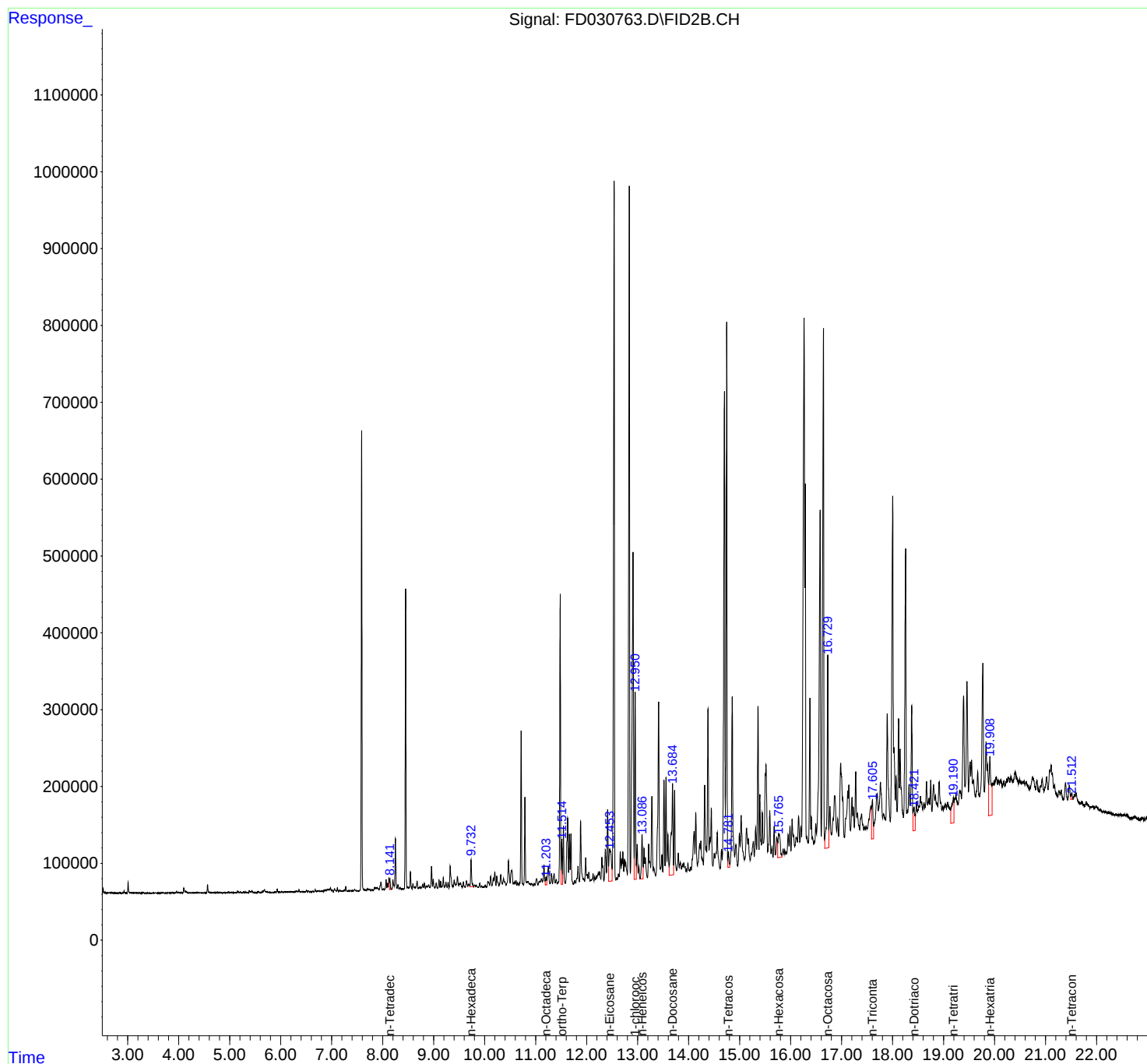
(f)=RT Delta > 1/2 Window

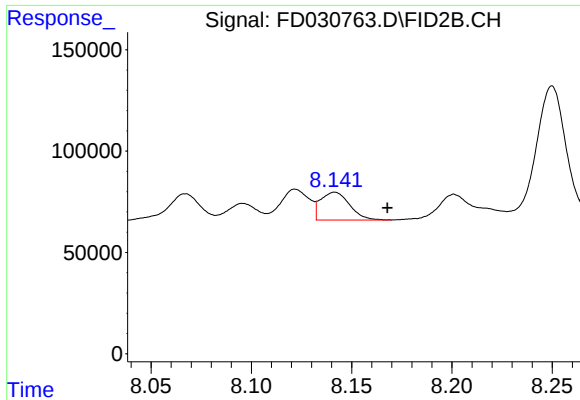
(m)=manual int.

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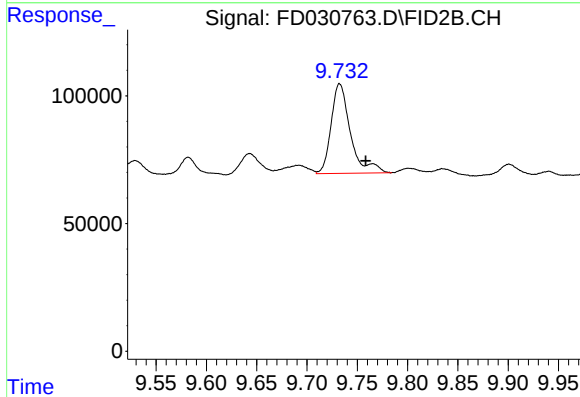
#6 n-Tetradecane (C14)

R.T.: 8.141 min

Delta R.T.: -0.027 min

Response: 138990

Conc: 1.09 ug/ml



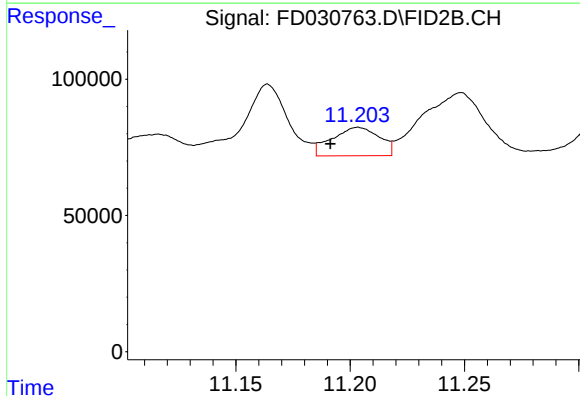
#7 n-Hexadecane (C16)

R.T.: 9.733 min

Delta R.T.: -0.026 min

Response: 467742

Conc: 3.66 ug/ml



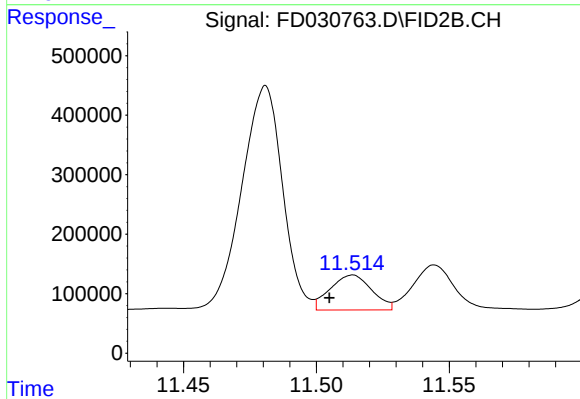
#8 n-Octadecane (C18)

R.T.: 11.204 min

Delta R.T.: 0.012 min

Response: 150297

Conc: 1.17 ug/ml



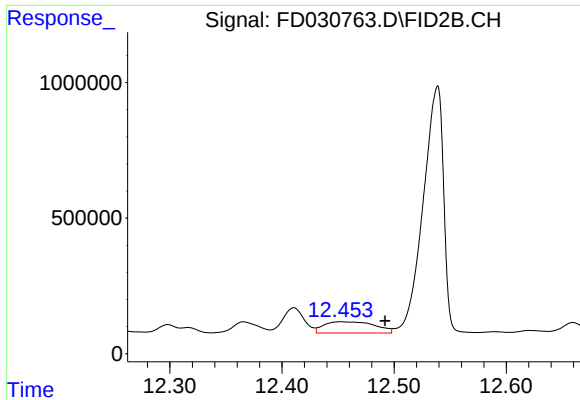
#9 ortho-Terphenyl (SURR)

R.T.: 11.513 min

Delta R.T.: 0.009 min

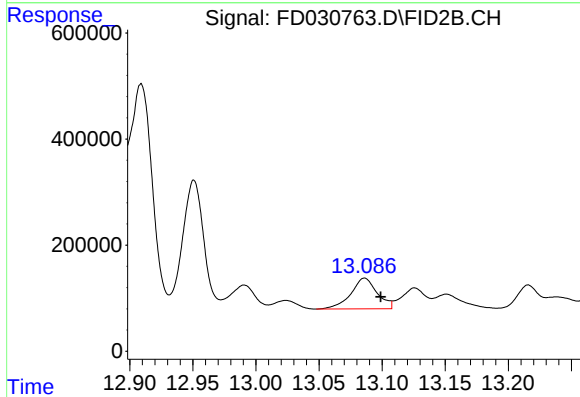
Response: 639592

Conc: 4.40 ug/ml



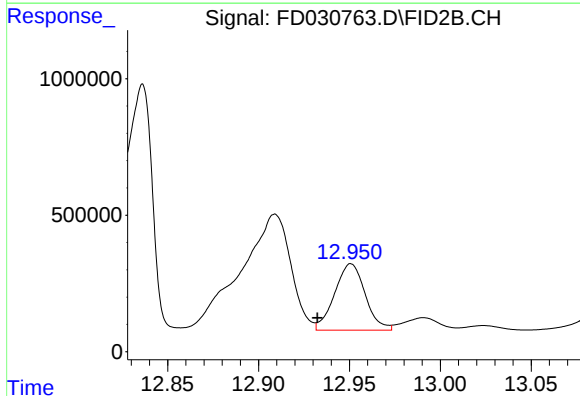
#10 n-Eicosane (C20)

R.T.: 12.453 min
Delta R.T.: -0.039 min
Response: 1305433
Conc: 10.24 ug/ml



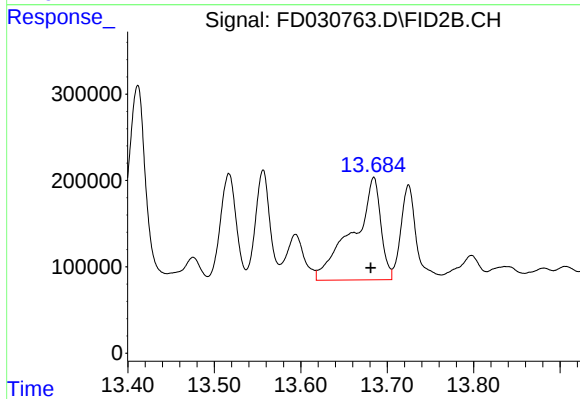
#11 n-Heneicosane (C21)

R.T.: 13.086 min
Delta R.T.: -0.013 min
Response: 845435
Conc: 6.61 ug/ml



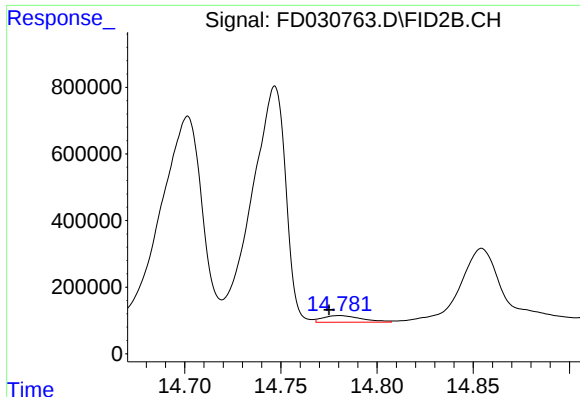
#12 1-chlorooctadecane (SURR)

R.T.: 12.951 min
Delta R.T.: 0.018 min
Response: 2845466
Conc: 26.05 ug/ml



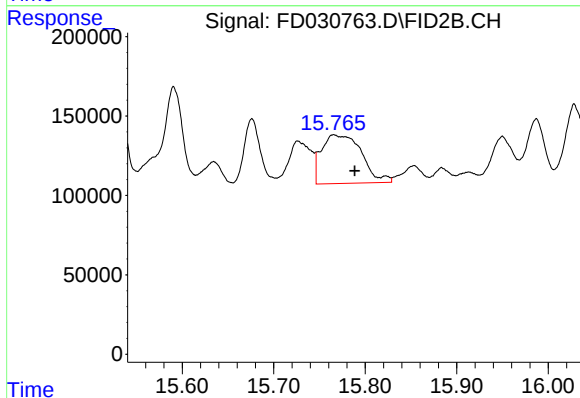
#13 n-Docosane (C22)

R.T.: 13.684 min
Delta R.T.: 0.003 min
Response: 2650802
Conc: 20.81 ug/ml



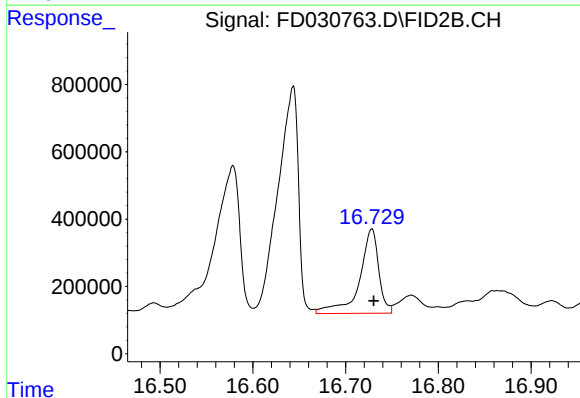
#14 n-Tetracosane (C24)

R.T.: 14.781 min
Delta R.T.: 0.006 min
Response: 275124
Conc: 2.17 ug/ml



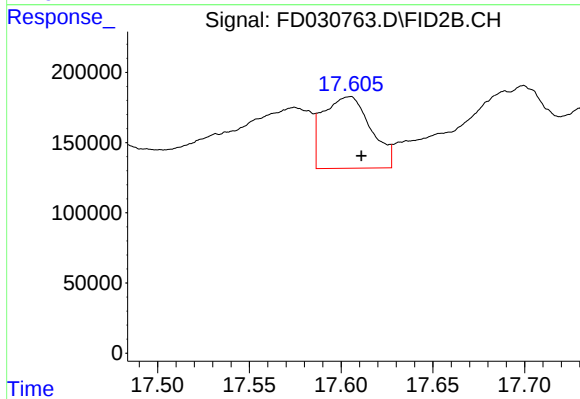
#15 n-Hexacosane (C26)

R.T.: 15.766 min
Delta R.T.: -0.022 min
Response: 928049
Conc: 7.46 ug/ml



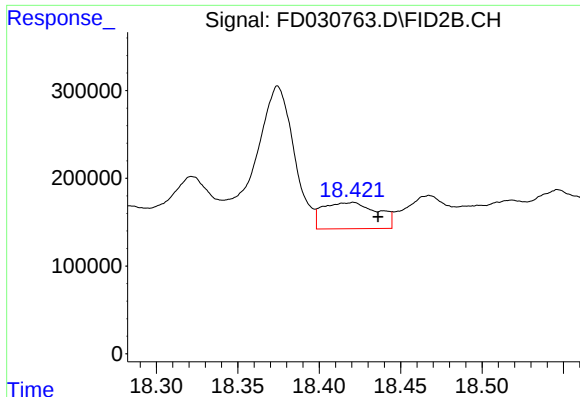
#16 n-Octacosane (C28)

R.T.: 16.728 min
Delta R.T.: -0.002 min
Response: 3621290
Conc: 29.70 ug/ml



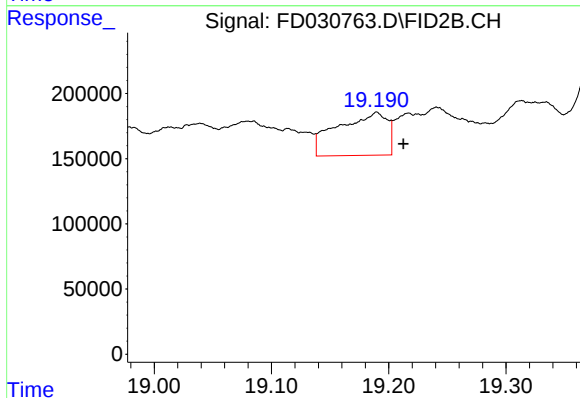
#17 n-Tricontane (C30)

R.T.: 17.604 min
Delta R.T.: -0.007 min
Response: 921820
Conc: 7.75 ug/ml



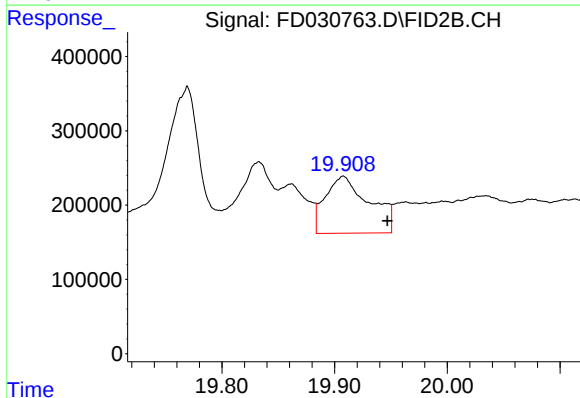
#18 n-Dotriacontane (C32)

R.T.: 18.419 min
Delta R.T.: -0.017 min
Response: 693630
Conc: 6.05 ug/ml



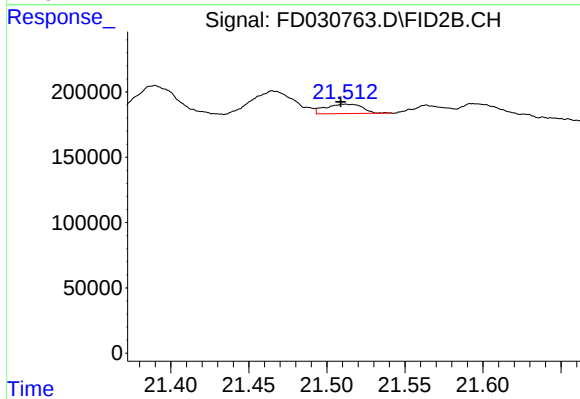
#19 n-Tetatriacontane (C34)

R.T.: 19.190 min
Delta R.T.: -0.023 min
Response: 966259
Conc: 8.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.907 min
Delta R.T.: -0.039 min
Response: 2077419
Conc: 20.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.512 min
Delta R.T.: 0.004 min
Response: 118342
Conc: 1.15 ug/ml