

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032822AL\
 Data File : FD041765.D
 Signal(s) : FID2B.CH
 Acq On : 28 Mar 2022 14:00
 Operator : UA/NP
 Sample : N2102-01DL 2X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 29 03:10:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 2022
 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)	11.225	2469653	13.927 ug/ml
Spiked Amount 50.000		Recovery =	27.85%
12) S 1-chlorooctadecane (S...	12.658	6579096	47.512 ug/ml
Spiked Amount 50.000		Recovery =	95.02%
Target Compounds			
6) T n-Tetradecane (C14)	7.908	110830	0.728 ug/ml
7) T n-Hexadecane (C16)	9.496	195314	1.267 ug/ml
8) T n-Octadecane (C18)	10.927	169710	1.077 ug/ml
10) T n-Eicosane (C20)	12.227	138254	0.874 ug/ml
11) T n-Heneicosane (C21)	12.838	210020	1.312 ug/ml
13) T n-Docosane (C22)	13.417	283769	1.767 ug/ml
14) T n-Tetracosane (C24)	14.513	121700	0.753 ug/ml
15) T n-Hexacosane (C26)	15.528	119709	0.741 ug/ml
16) T n-Octacosane (C28)	16.455	581965	3.615 ug/ml
17) T n-Tricontane (C30)	17.362	309758	1.966 ug/ml
18) T n-Dotriacontane (C32)	18.186	493352	3.325 ug/ml
19) T n-Tetratriacontane (C34)	18.965	760355	5.675 ug/ml
20) T n-Hexatriacontane (C36)	19.702	533019	4.451 ug/ml
21) T n-Octatriacontane (C38)	20.398	764780	6.910 ug/ml
22) T n-Tetracontane (C40)	21.182	142992	1.328 ug/ml

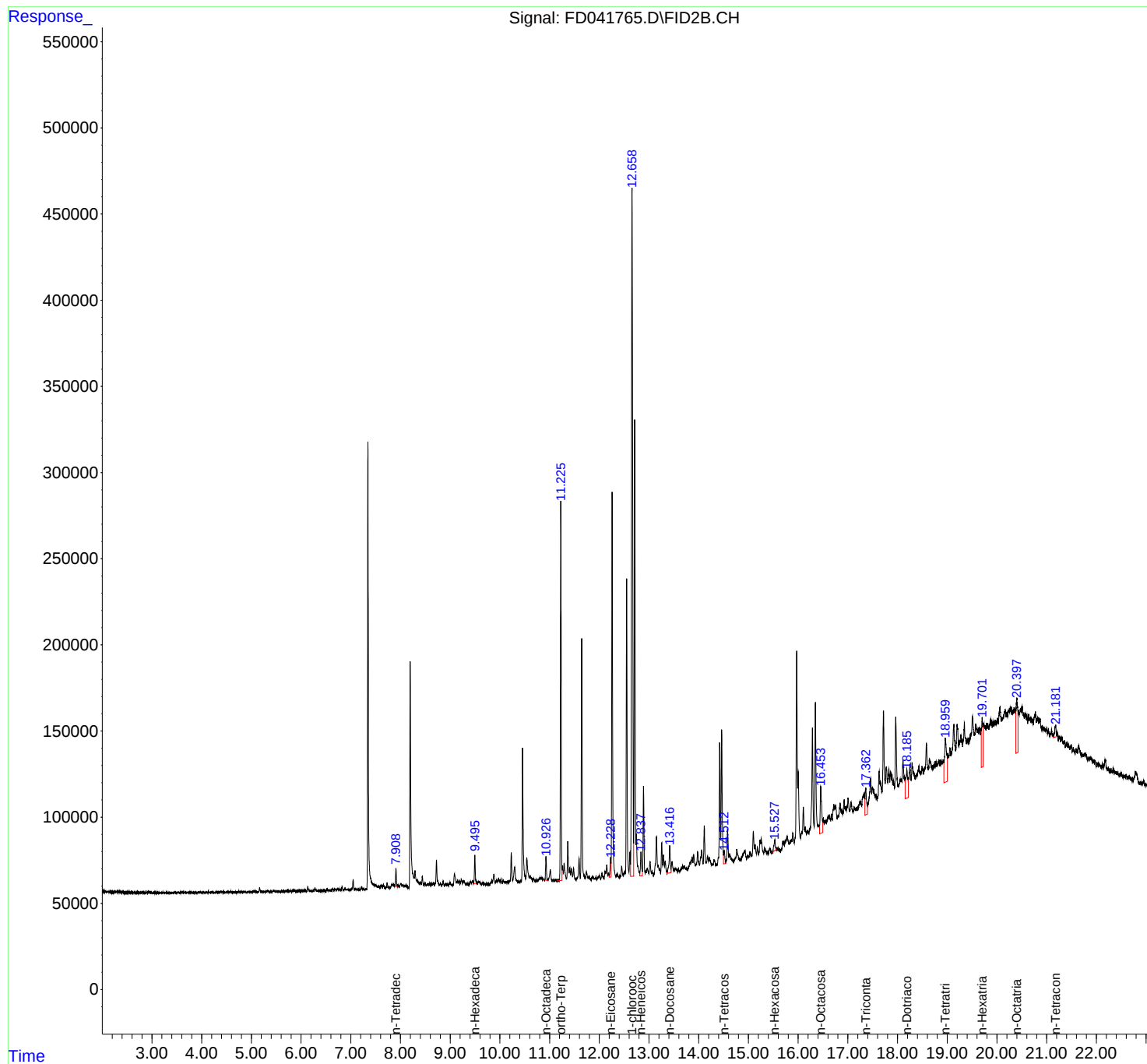
(f)=RT Delta > 1/2 Window

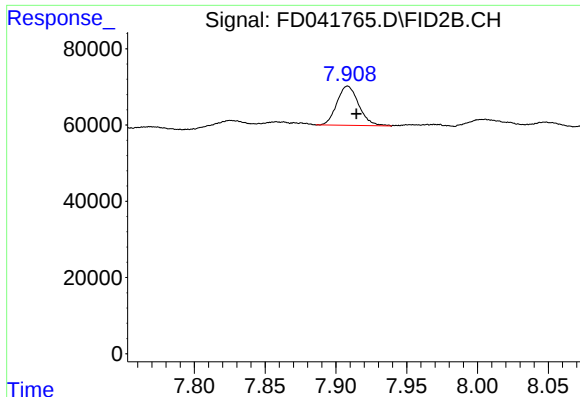
(m)=manual int.

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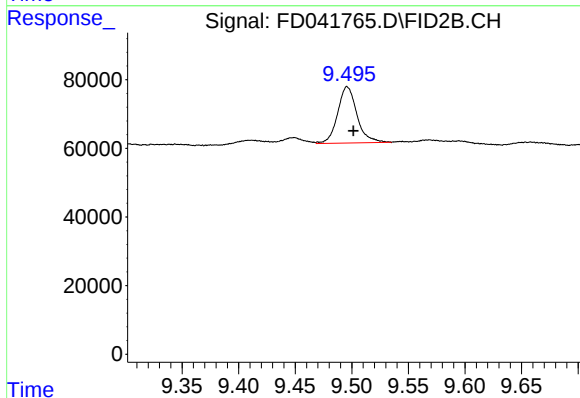
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Signal Info : 20M x 0.18mm x 0.18um





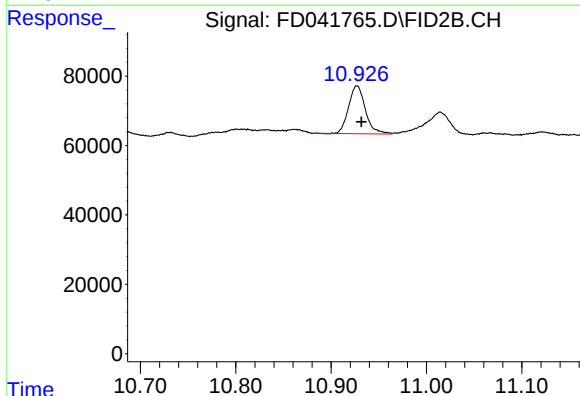
#6 n-Tetradecane (C14)

R.T.: 7.908 min
Delta R.T.: -0.006 min
Response: 110830
Conc: 0.73 ug/ml



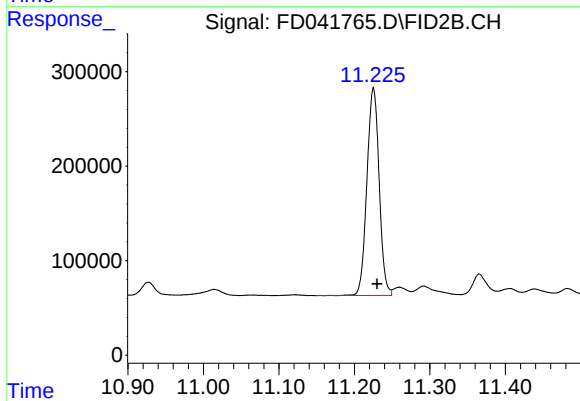
#7 n-Hexadecane (C16)

R.T.: 9.496 min
Delta R.T.: -0.006 min
Response: 195314
Conc: 1.27 ug/ml



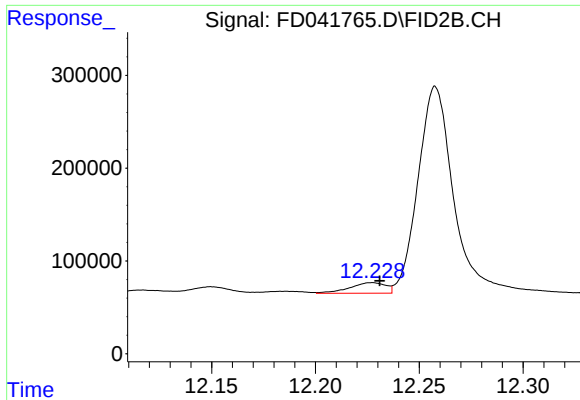
#8 n-Octadecane (C18)

R.T.: 10.927 min
Delta R.T.: -0.005 min
Response: 169710
Conc: 1.08 ug/ml



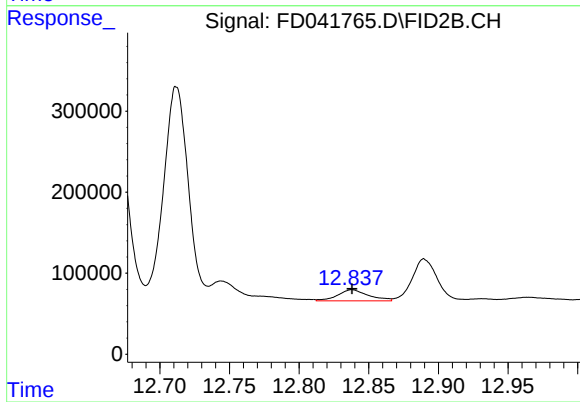
#9 ortho-Terphenyl (SURR)

R.T.: 11.225 min
Delta R.T.: -0.005 min
Response: 2469653
Conc: 13.93 ug/ml



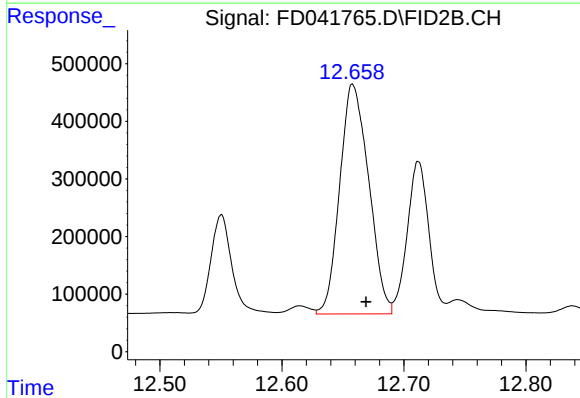
#10 n-Eicosane (C20)

R.T.: 12.227 min
Delta R.T.: -0.004 min
Response: 138254
Conc: 0.87 ug/ml



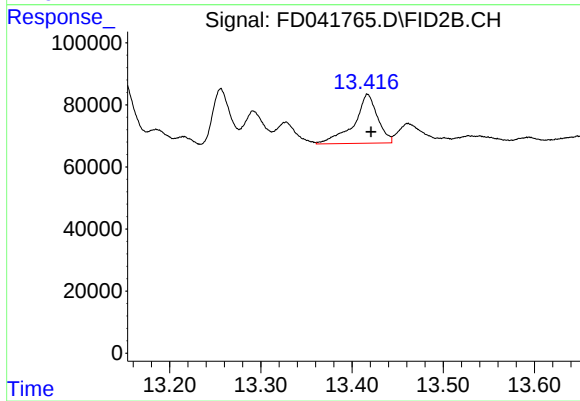
#11 n-Heneicosane (C21)

R.T.: 12.838 min
Delta R.T.: 0.000 min
Response: 210020
Conc: 1.31 ug/ml



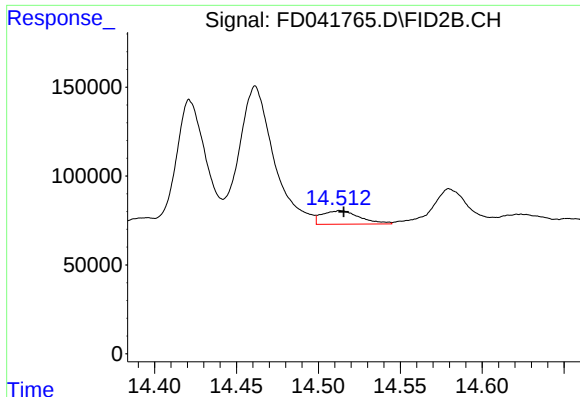
#12 1-chlorooctadecane (SURR)

R.T.: 12.658 min
Delta R.T.: -0.011 min
Response: 6579096
Conc: 47.51 ug/ml



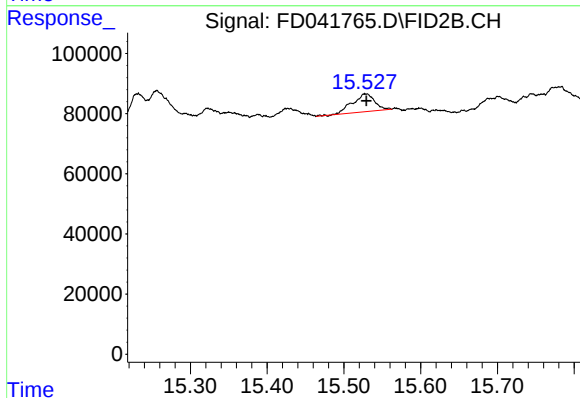
#13 n-Docosane (C22)

R.T.: 13.417 min
Delta R.T.: -0.004 min
Response: 283769
Conc: 1.77 ug/ml



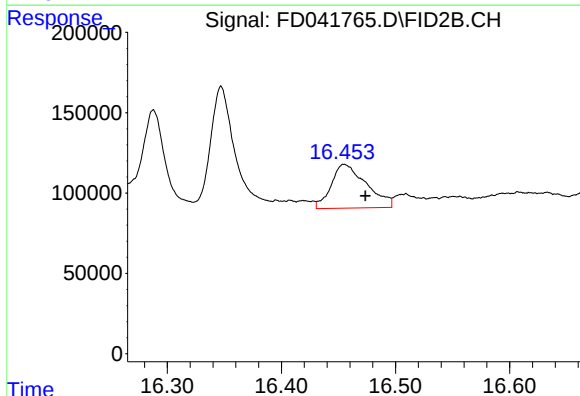
#14 n-Tetracosane (C24)

R.T.: 14.513 min
Delta R.T.: -0.002 min
Response: 121700
Conc: 0.75 ug/ml



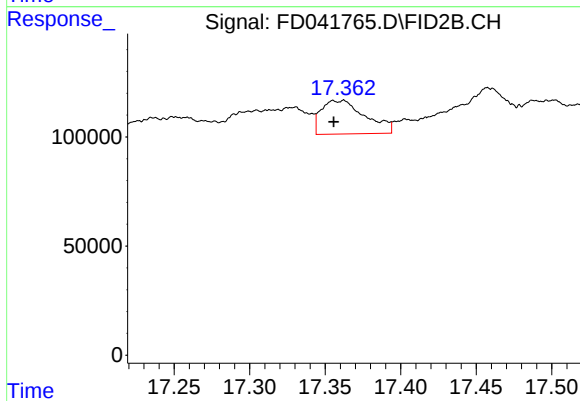
#15 n-Hexacosane (C26)

R.T.: 15.528 min
Delta R.T.: -0.001 min
Response: 119709
Conc: 0.74 ug/ml



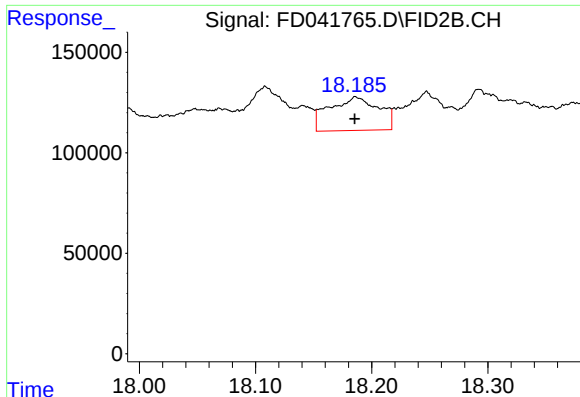
#16 n-Octacosane (C28)

R.T.: 16.455 min
Delta R.T.: -0.019 min
Response: 581965
Conc: 3.62 ug/ml



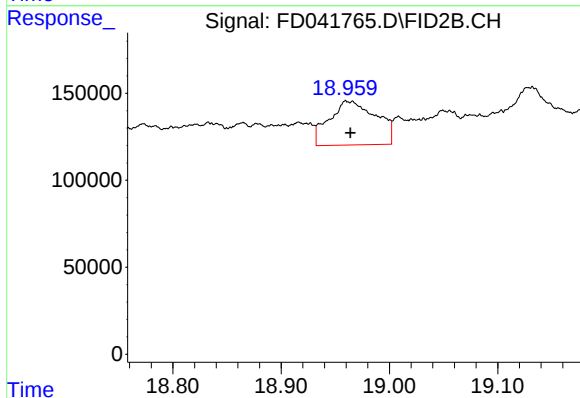
#17 n-Tricontane (C30)

R.T.: 17.362 min
Delta R.T.: 0.006 min
Response: 309758
Conc: 1.97 ug/ml



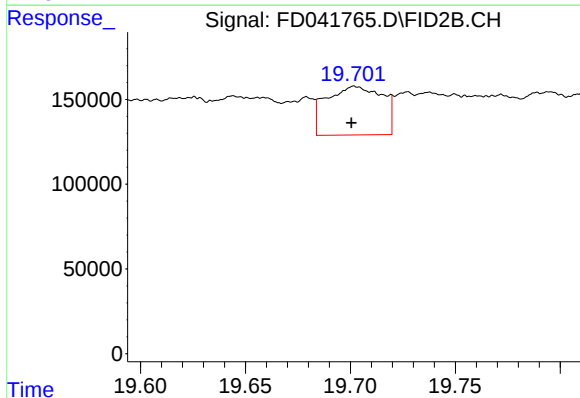
#18 n-Dotriacontane (C32)

R.T.: 18.186 min
Delta R.T.: 0.000 min
Response: 493352
Conc: 3.32 ug/ml



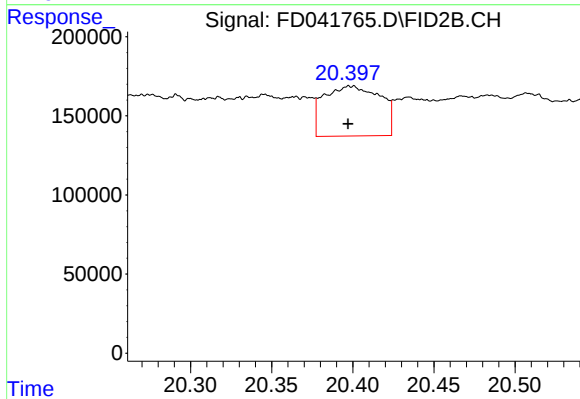
#19 n-Tetratriacontane (C34)

R.T.: 18.965 min
Delta R.T.: 0.001 min
Response: 760355
Conc: 5.67 ug/ml



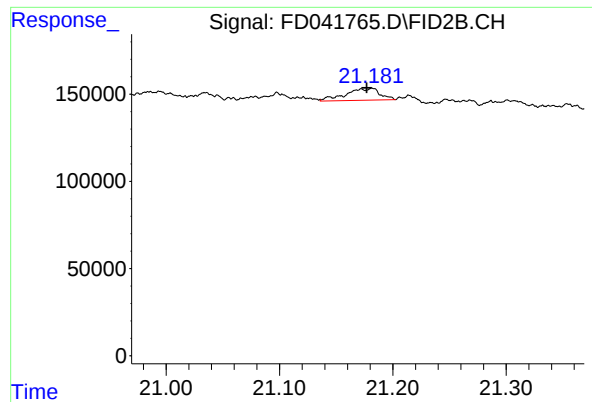
#20 n-Hexatriacontane (C36)

R.T.: 19.702 min
Delta R.T.: 0.002 min
Response: 533019
Conc: 4.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.398 min
Delta R.T.: 0.001 min
Response: 764780
Conc: 6.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.182 min
Delta R.T.: 0.005 min
Response: 142992
Conc: 1.33 ug/ml