

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090519AL\
 Data File : FD030503.D
 Signal(s) : FID2B.CH
 Acq On : 05 Sep 2019 12:48
 Operator : DD\AJ
 Sample : K4668-02DL 2X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 06 03:09:43 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)	11.504	3315505	22.794 ug/ml
Spiked Amount 50.000		Recovery =	45.59%
12) S 1-chlorooctadecane (S...	12.924	9488242	86.877 ug/ml
Spiked Amount 50.000		Recovery =	173.75%
Target Compounds			
6) T n-Tetradecane (C14)	8.164	183811	1.444 ug/ml
7) T n-Hexadecane (C16)	9.755	277383	2.173 ug/ml
8) T n-Octadecane (C18)	11.188	300561	2.345 ug/ml
10) T n-Eicosane (C20)	12.489	254229	1.995 ug/ml
11) T n-Heneicosane (C21)	13.098	199942	1.563 ug/ml
13) T n-Docosane (C22)	13.679	196888	1.546 ug/ml
14) T n-Tetracosane (C24)	14.771	117845	0.928 ug/ml
15) T n-Hexacosane (C26)	15.788	143843	1.156 ug/ml
16) T n-Octacosane (C28)	16.731	188030	1.542 ug/ml
17) T n-Tricontane (C30)	17.612	365096	3.071 ug/ml
18) T n-Dotriacontane (C32)	18.438	278009	2.425 ug/ml
19) T n-Tetratriacontane (C34)	19.215	139669	1.286 ug/ml
20) T n-Hexatriacontane (C36)	19.948	221511	2.158 ug/ml
21) T n-Octatriacontane (C38)	20.657	120544	1.242 ug/ml
22) T n-Tetracontane (C40)	21.536	340956	3.325 ug/ml

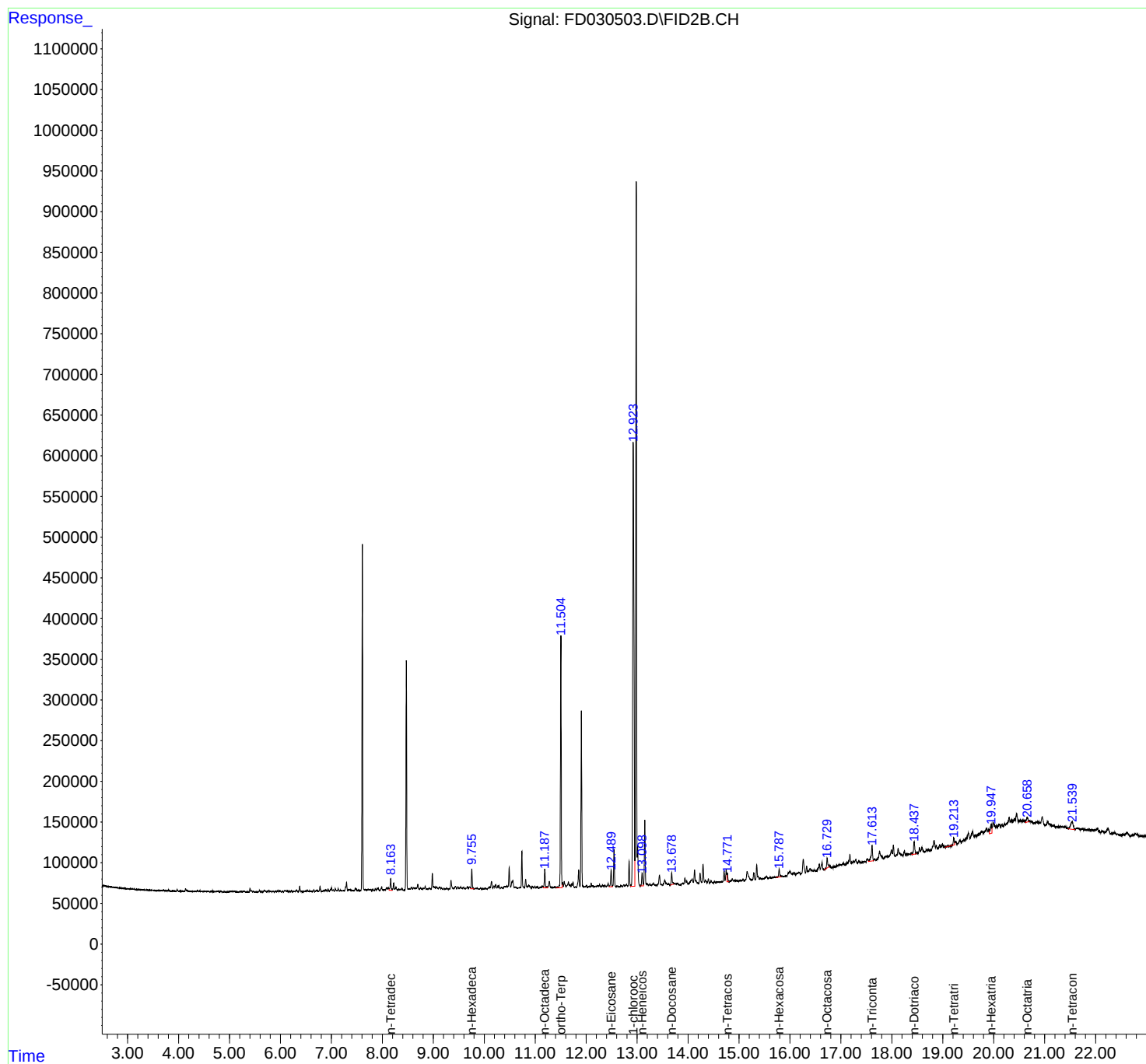
(f)=RT Delta > 1/2 Window

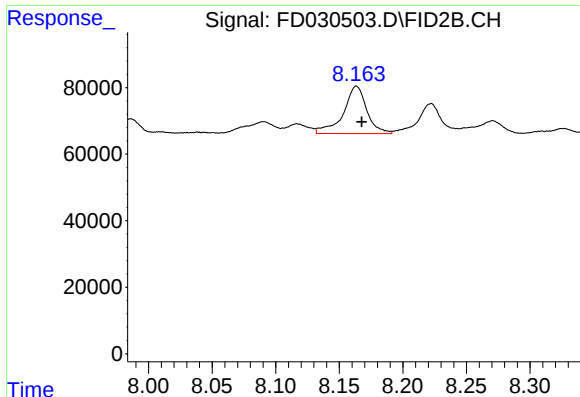
(m)=manual int.

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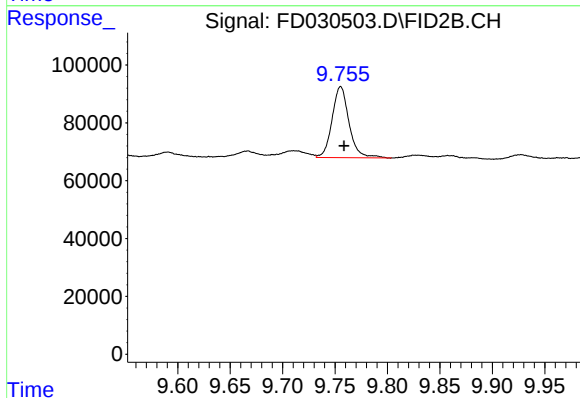
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Signal Info : 20M x 0.18mm x 0.18um





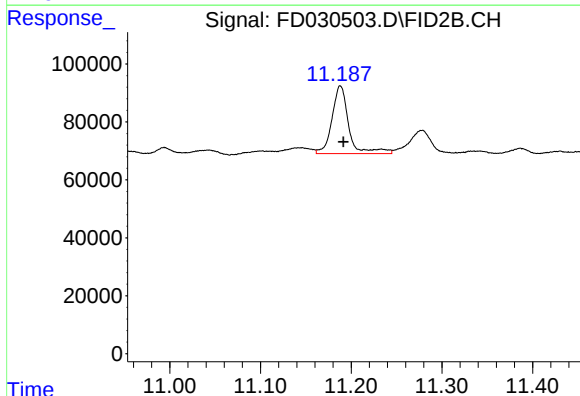
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.004 min
Response: 183811
Conc: 1.44 ug/ml



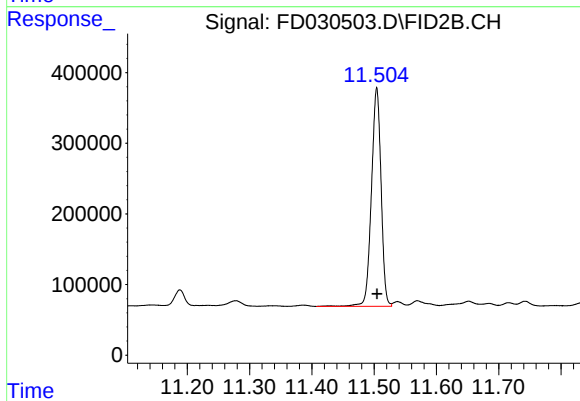
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: -0.003 min
Response: 277383
Conc: 2.17 ug/ml



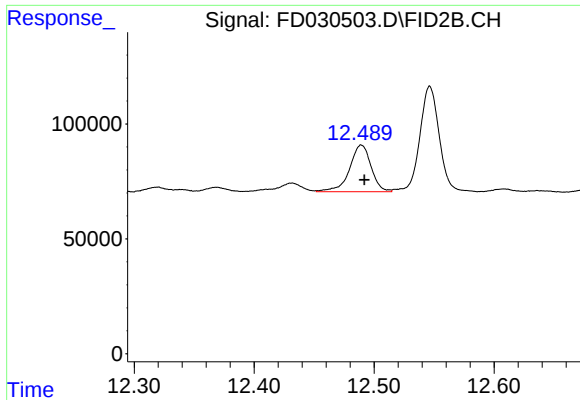
#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: -0.003 min
Response: 300561
Conc: 2.34 ug/ml



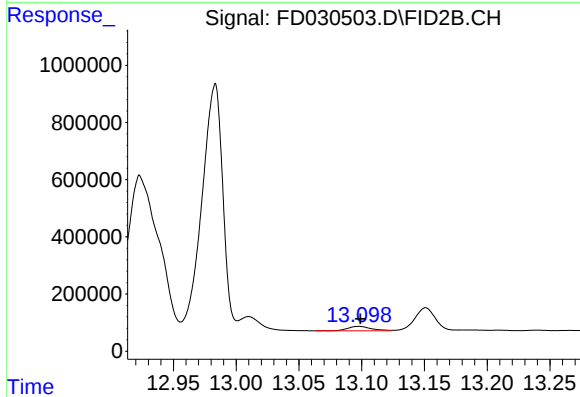
#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 3315505
Conc: 22.79 ug/ml



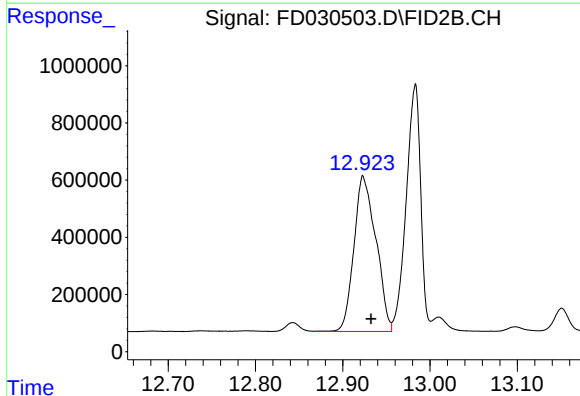
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.003 min
Response: 254229
Conc: 1.99 ug/ml



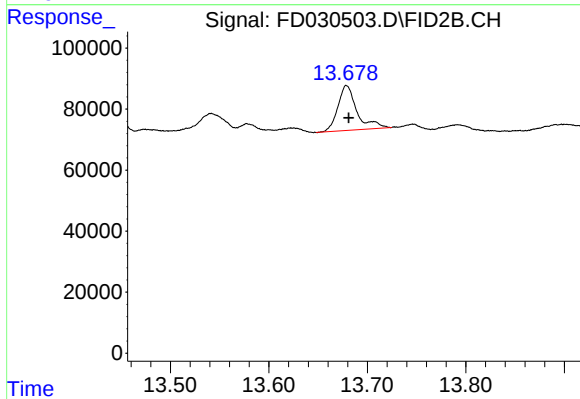
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: -0.001 min
Response: 199942
Conc: 1.56 ug/ml



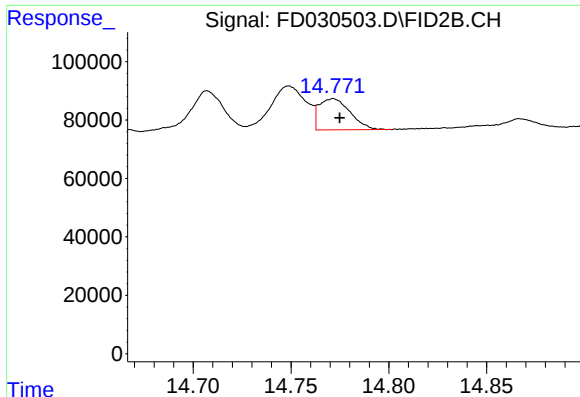
#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: -0.008 min
Response: 9488242
Conc: 86.88 ug/ml



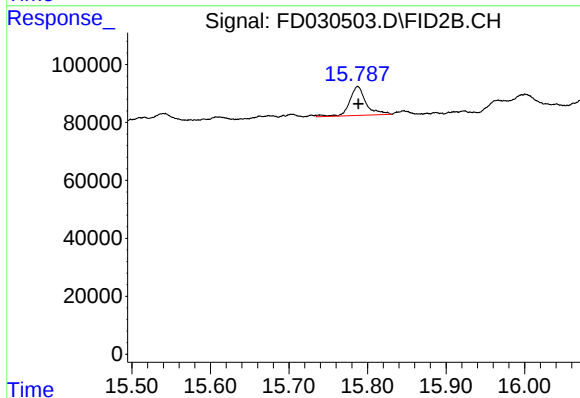
#13 n-Docosane (C22)

R.T.: 13.679 min
Delta R.T.: -0.002 min
Response: 196888
Conc: 1.55 ug/ml



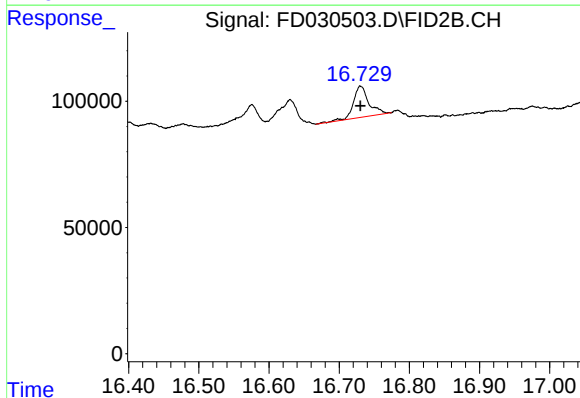
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: -0.004 min
Response: 117845
Conc: 0.93 ug/ml



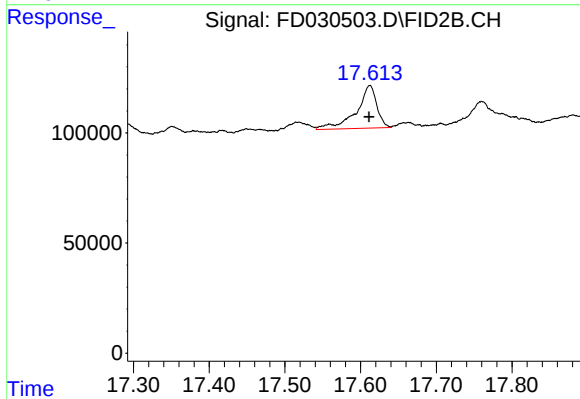
#15 n-Hexacosane (C26)

R.T.: 15.788 min
Delta R.T.: -0.001 min
Response: 143843
Conc: 1.16 ug/ml



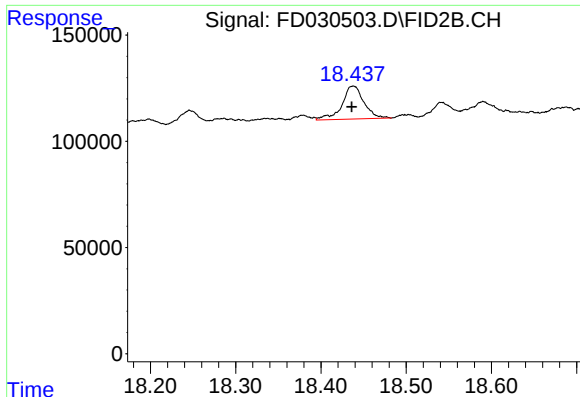
#16 n-Octacosane (C28)

R.T.: 16.731 min
Delta R.T.: 0.000 min
Response: 188030
Conc: 1.54 ug/ml



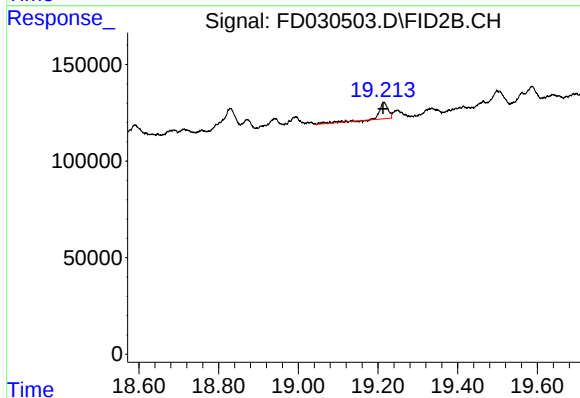
#17 n-Tricontane (C30)

R.T.: 17.612 min
Delta R.T.: 0.000 min
Response: 365096
Conc: 3.07 ug/ml



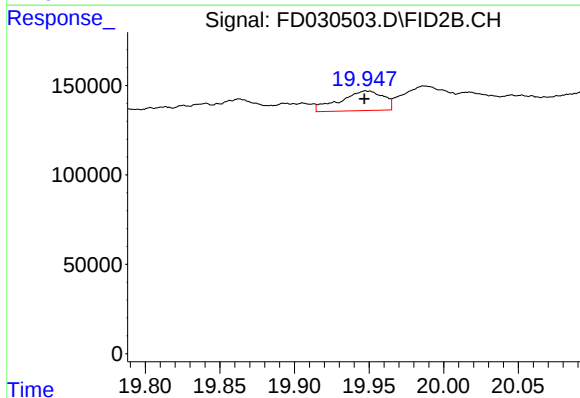
#18 n-Dotriacontane (C32)

R.T.: 18.438 min
Delta R.T.: 0.002 min
Response: 278009
Conc: 2.42 ug/ml



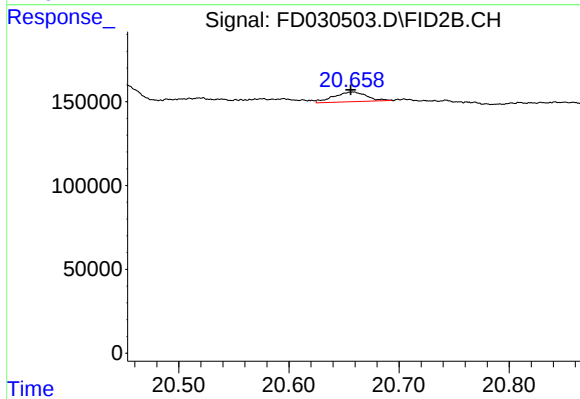
#19 n-Tetatriacontane (C34)

R.T.: 19.215 min
Delta R.T.: 0.002 min
Response: 139669
Conc: 1.29 ug/ml



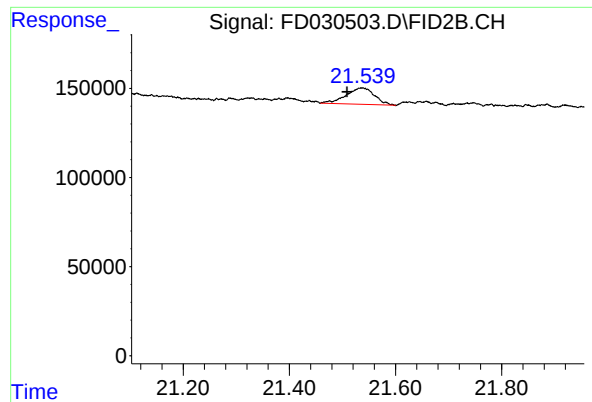
#20 n-Hexatriacontane (C36)

R.T.: 19.948 min
Delta R.T.: 0.002 min
Response: 221511
Conc: 2.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min
Delta R.T.: 0.001 min
Response: 120544
Conc: 1.24 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 21.536 min
Delta R.T.: 0.028 min
Response: 340956
Conc: 3.33 ug/ml