

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030724AL\
 Data File : FE047131.D
 Signal(s) : FID1B.ch
 Acq On : 07 Mar 2024 09:45
 Operator : YP\AJ
 Sample : P1682-01DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 08 00:23:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.782	2511099	15.284 ug/ml
Spiked Amount 50.000		Recovery =	30.57%
12) S 1-chlorooctadecane (S...	13.223	2210893	17.960 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
Target Compounds			
6) T n-Tetradecane (C14)	8.419	34290	0.222 ug/ml
7) T n-Hexadecane (C16)	10.027	54500	0.343 ug/ml
8) T n-Octadecane (C18)	11.468	60141	0.377 ug/ml
10) T n-Eicosane (C20)	12.778	51262	0.339 ug/ml
11) T n-Heneicosane (C21)	13.390	38587	0.261 ug/ml
13) T n-Docosane (C22)	13.974	53859	0.370 ug/ml
14) T n-Tetracosane (C24)	15.078	22175	0.155 ug/ml
15) T n-Hexacosane (C26)	16.100	61100	0.437 ug/ml
16) T n-Octacosane (C28)	17.052	63953	0.469 ug/ml
17) T n-Tricontane (C30)	17.938	148931	1.067 ug/ml
18) T n-Dotriacontane (C32)	18.776	85756	0.623 ug/ml
19) T n-Tetratriacontane (C34)	19.560	174775	1.301 ug/ml
20) T n-Hexatriacontane (C36)	20.299	30481	0.229 ug/ml
21) T n-Octatriacontane (C38)	21.027	55723	0.404 ug/ml
22) T n-Tetracontane (C40)	21.887	47290	0.335 ug/ml

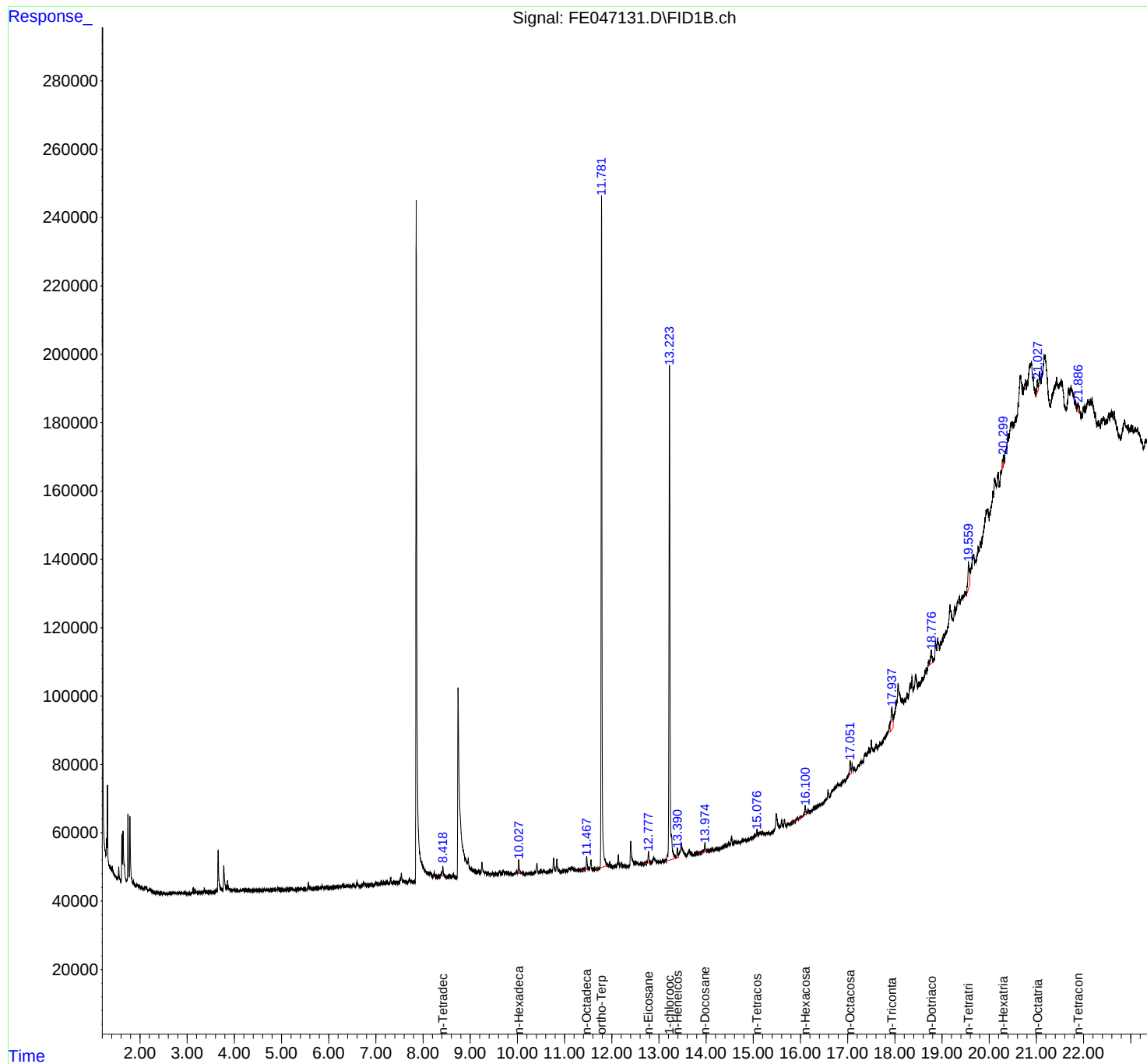
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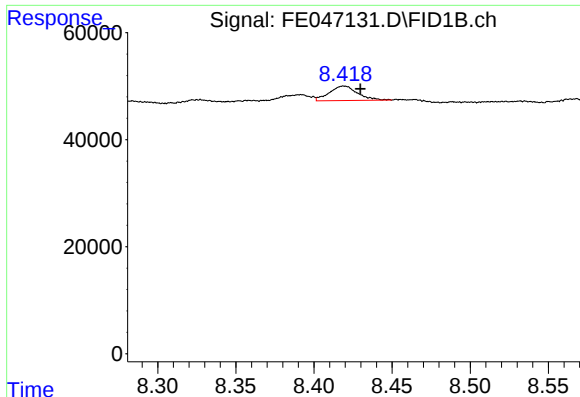
(m)=manual int.

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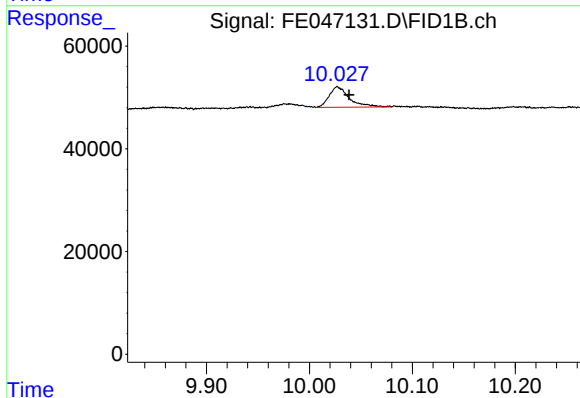
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Signal Info : 20M x 0.18mm x 0.18um





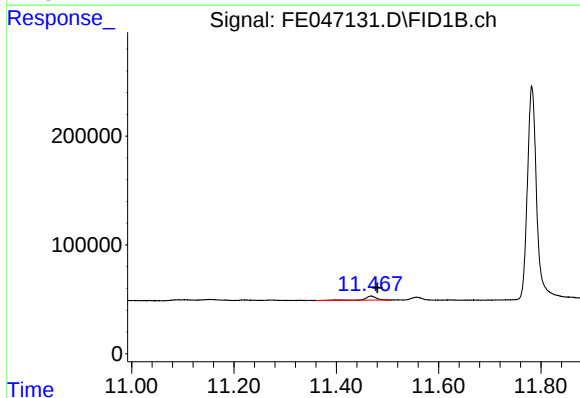
#6 n-Tetradecane (C14)

R.T.: 8.419 min
Delta R.T.: -0.010 min
Response: 34290
Conc: 0.22 ug/ml



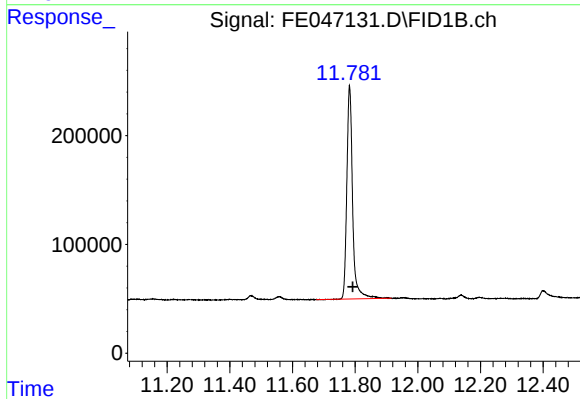
#7 n-Hexadecane (C16)

R.T.: 10.027 min
Delta R.T.: -0.011 min
Response: 54500
Conc: 0.34 ug/ml



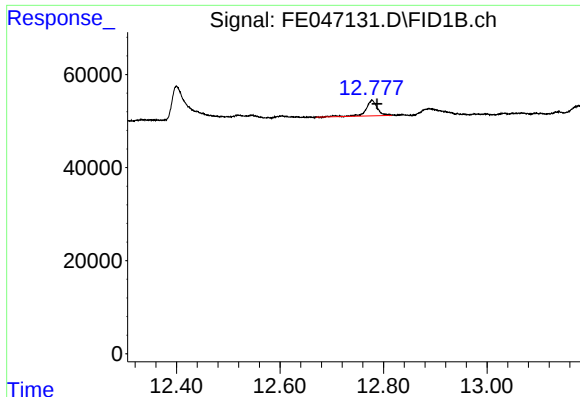
#8 n-Octadecane (C18)

R.T.: 11.468 min
Delta R.T.: -0.013 min
Response: 60141
Conc: 0.38 ug/ml



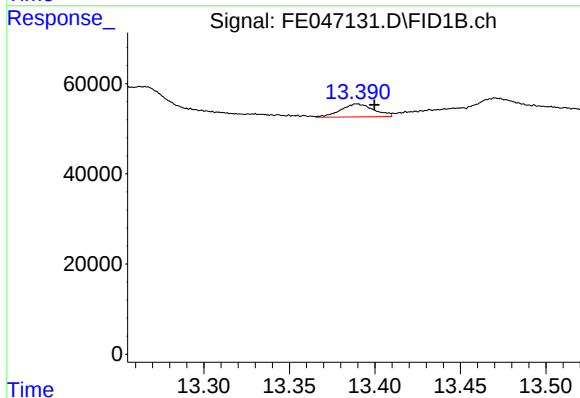
#9 ortho-Terphenyl (SURR)

R.T.: 11.782 min
Delta R.T.: -0.010 min
Response: 2511099
Conc: 15.28 ug/ml



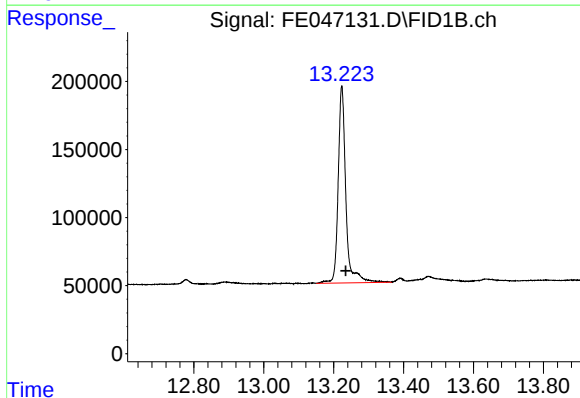
#10 n-Eicosane (C20)

R.T.: 12.778 min
Delta R.T.: -0.010 min
Response: 51262
Conc: 0.34 ug/ml



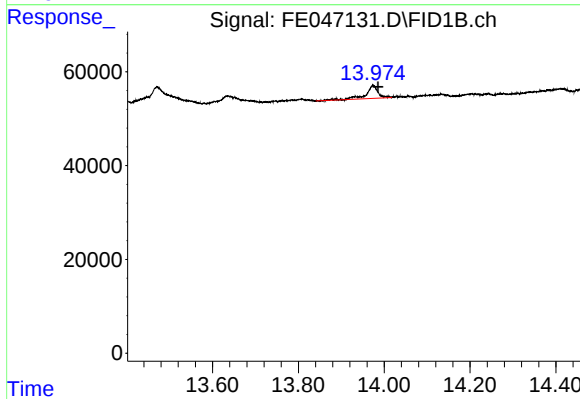
#11 n-Heneicosane (C21)

R.T.: 13.390 min
Delta R.T.: -0.010 min
Response: 38587
Conc: 0.26 ug/ml



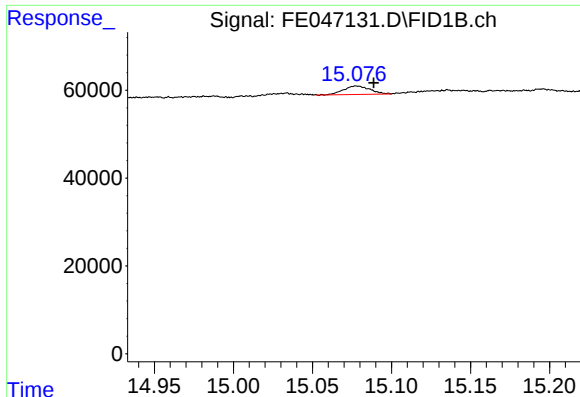
#12 1-chlorooctadecane (SURR)

R.T.: 13.223 min
Delta R.T.: -0.012 min
Response: 2210893
Conc: 17.96 ug/ml



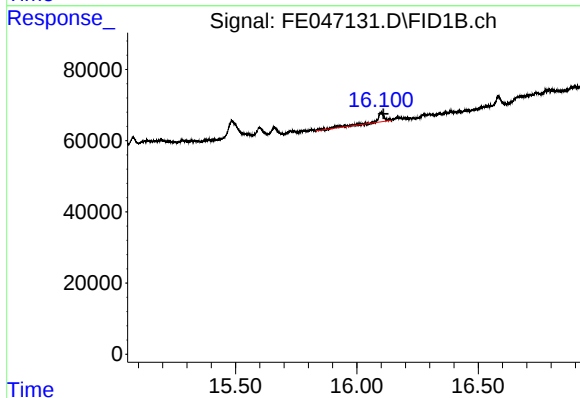
#13 n-Docosane (C22)

R.T.: 13.974 min
Delta R.T.: -0.011 min
Response: 53859
Conc: 0.37 ug/ml



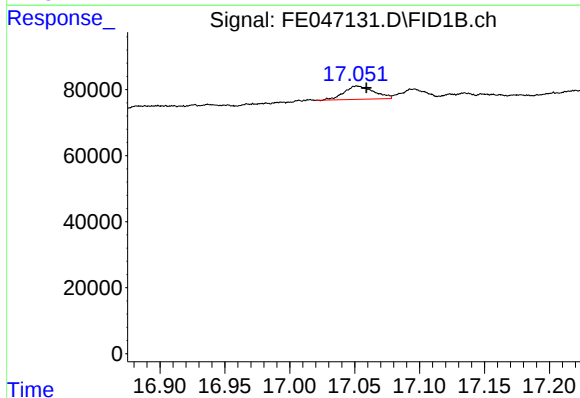
#14 n-Tetracosane (C24)

R.T.: 15.078 min
Delta R.T.: -0.011 min
Response: 22175
Conc: 0.16 ug/ml



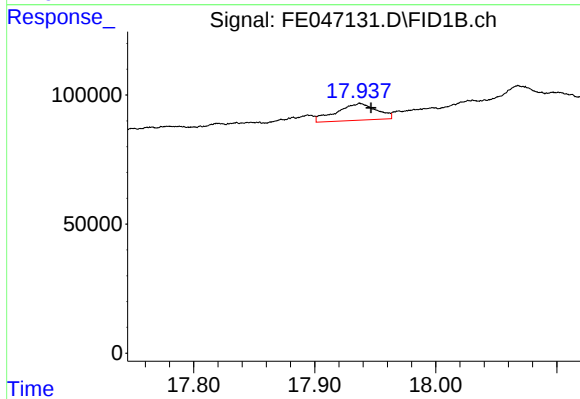
#15 n-Hexacosane (C26)

R.T.: 16.100 min
Delta R.T.: -0.009 min
Response: 61100
Conc: 0.44 ug/ml



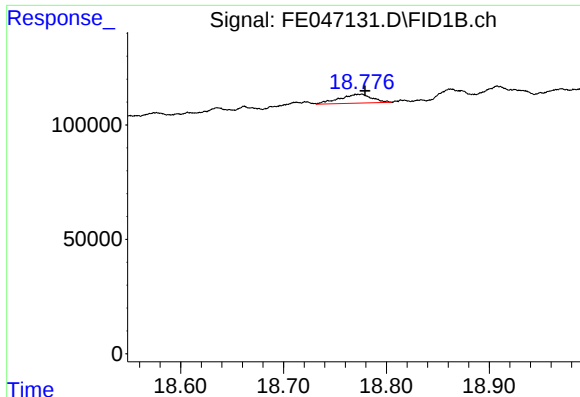
#16 n-Octacosane (C28)

R.T.: 17.052 min
Delta R.T.: -0.007 min
Response: 63953
Conc: 0.47 ug/ml



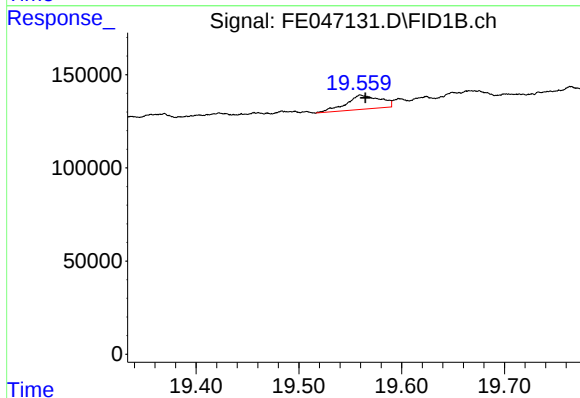
#17 n-Tricontane (C30)

R.T.: 17.938 min
Delta R.T.: -0.009 min
Response: 148931
Conc: 1.07 ug/ml



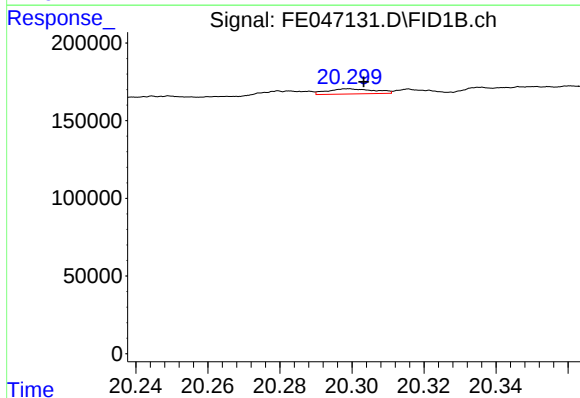
#18 n-Dotriacontane (C32)

R.T.: 18.776 min
Delta R.T.: -0.003 min
Response: 85756
Conc: 0.62 ug/ml



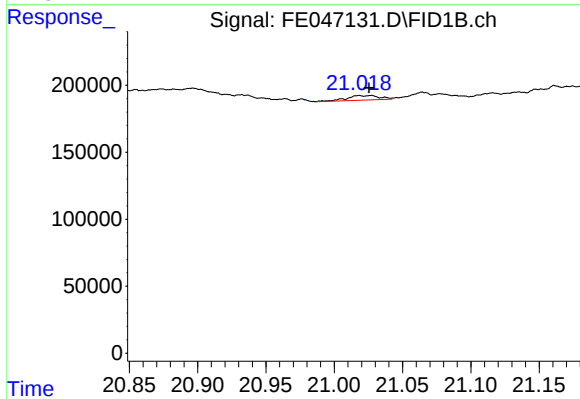
#19 n-Tetatriacontane (C34)

R.T.: 19.560 min
Delta R.T.: -0.004 min
Response: 174775
Conc: 1.30 ug/ml



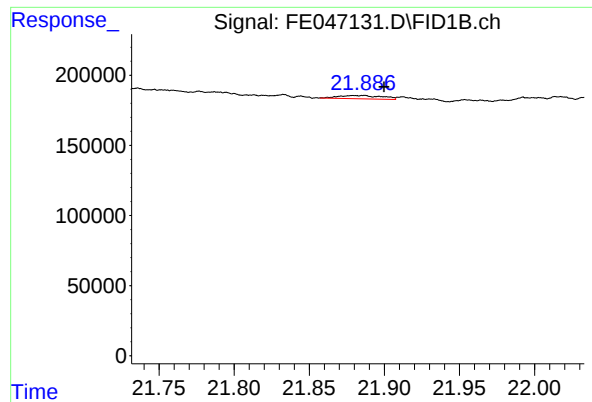
#20 n-Hexatriacontane (C36)

R.T.: 20.299 min
Delta R.T.: -0.004 min
Response: 30481
Conc: 0.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.027 min
Delta R.T.: 0.001 min
Response: 55723
Conc: 0.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.887 min
Delta R.T.: -0.013 min
Response: 47290
Conc: 0.34 ug/ml