

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061923AL\
 Data File : FE042698.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jun 2023 11:26
 Operator : YP\AJ
 Sample : 03316-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 01:53:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 19 02:33:05 2023
 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)	11.931	6327926	32.678 ug/ml
Spiked Amount 50.000		Recovery =	65.36%
12) S 1-chlorooctadecane (S...	13.368	7870206	54.582 ug/ml
Spiked Amount 50.000		Recovery =	109.16%
Target Compounds			
7) T n-Hexadecane (C16)	10.165	110299	0.656 ug/ml
8) T n-Octadecane (C18)	11.608	132849	0.774 ug/ml
10) T n-Eicosane (C20)	12.919	154011	0.928 ug/ml
11) T n-Heneicosane (C21)	13.532	108076	0.663 ug/ml
13) T n-Docosane (C22)	14.118	114865	0.712 ug/ml
14) T n-Tetracosane (C24)	15.220	160435	1.016 ug/ml
15) T n-Hexacosane (C26)	16.243	114929	0.761 ug/ml
16) T n-Octacosane (C28)	17.193	236547	1.652 ug/ml
17) T n-Tricontane (C30)	18.083	312957	2.220 ug/ml
18) T n-Dotriacontane (C32)	18.913	288128	2.117 ug/ml
19) T n-Tetratriacontane (C34)	19.701	190661	1.442 ug/ml
20) T n-Hexatriacontane (C36)	20.440	129642	1.008 ug/ml
21) T n-Octatriacontane (C38)	21.189	242011	1.869 ug/ml
22) T n-Tetracontane (C40)	22.109	259197	1.988 ug/ml

(f)=RT Delta > 1/2 Window

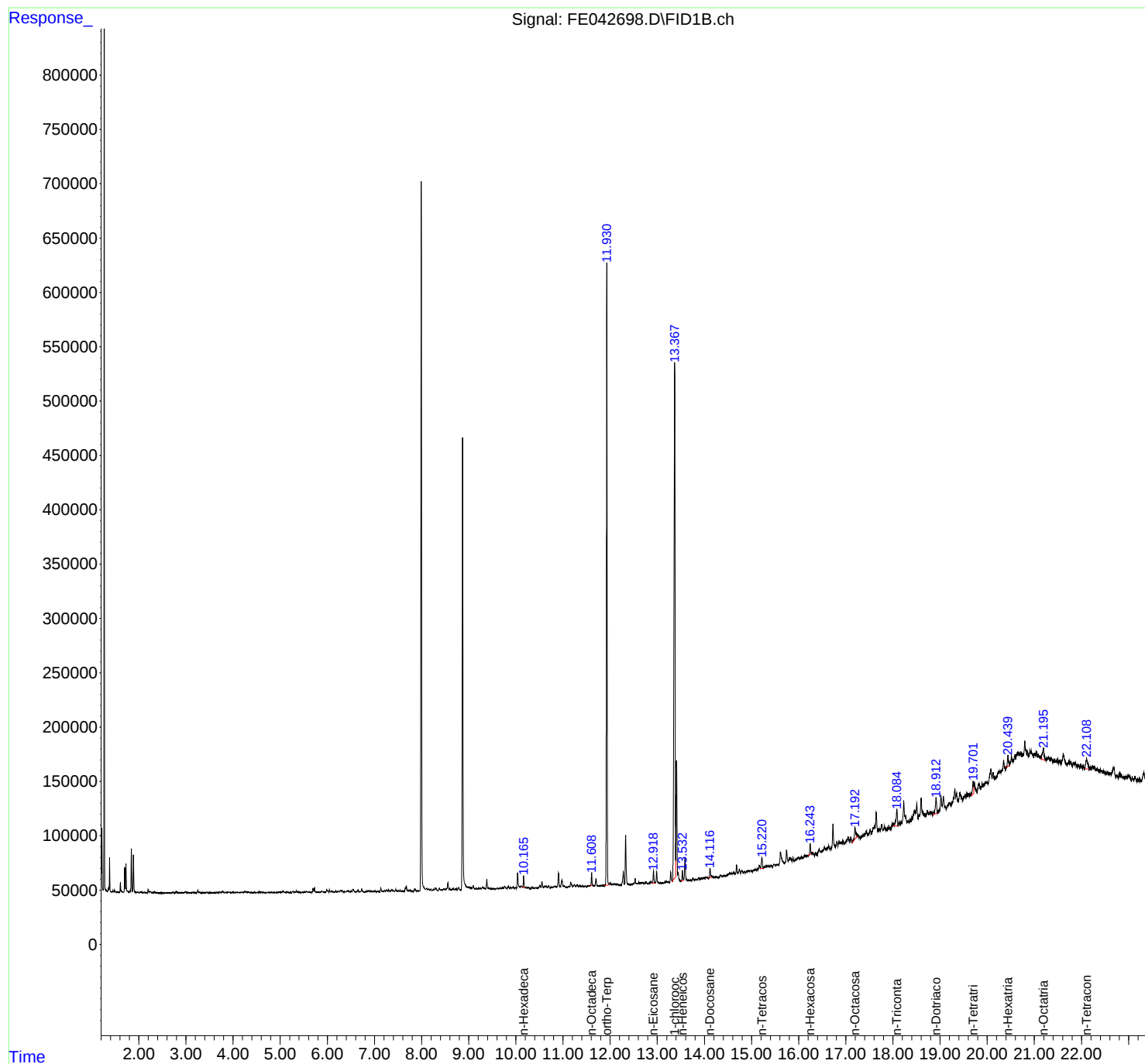
(m)=manual int.

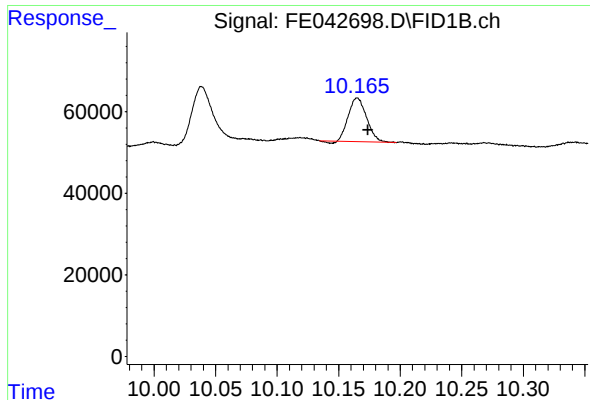
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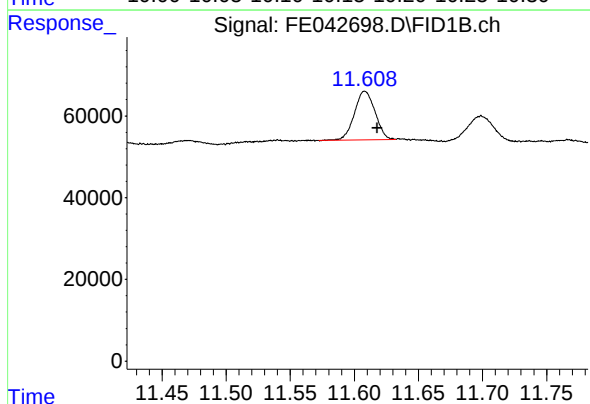




#7 n-Hexadecane (C16)

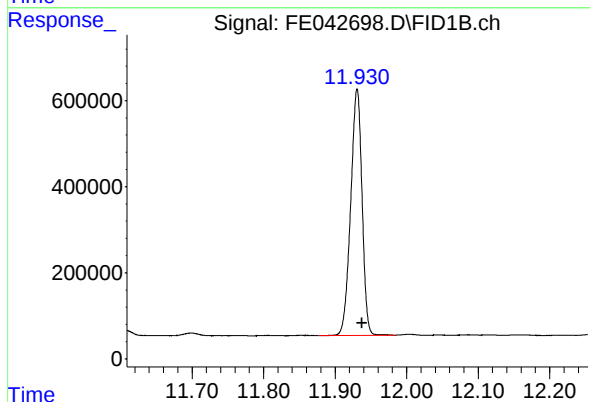
R.T.: 10.165 min
Delta R.T.: -0.009 min
Response: 110299
Conc: 0.66 ug/ml

Instrument :
FID_E
ClientSampleId :



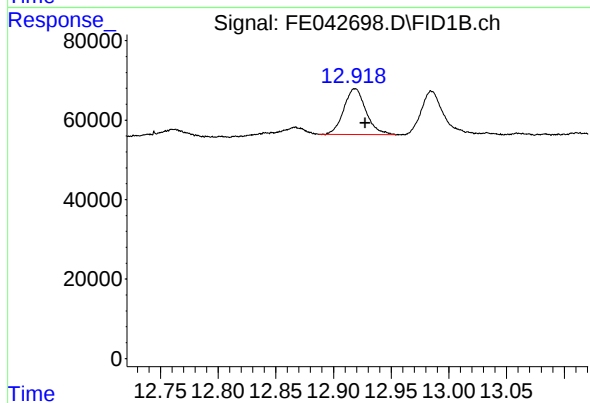
#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.010 min
Response: 132849
Conc: 0.77 ug/ml



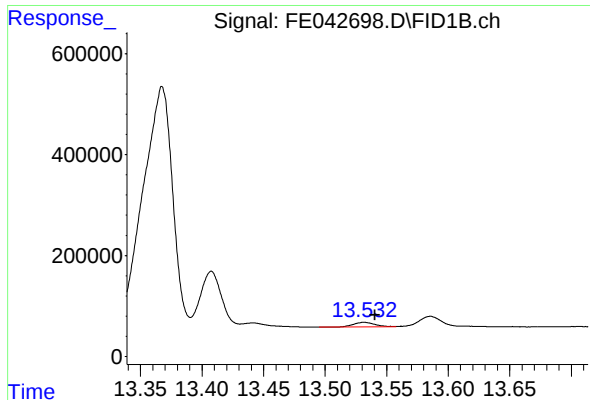
#9 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: -0.007 min
Response: 6327926
Conc: 32.68 ug/ml



#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.009 min
Response: 154011
Conc: 0.93 ug/ml



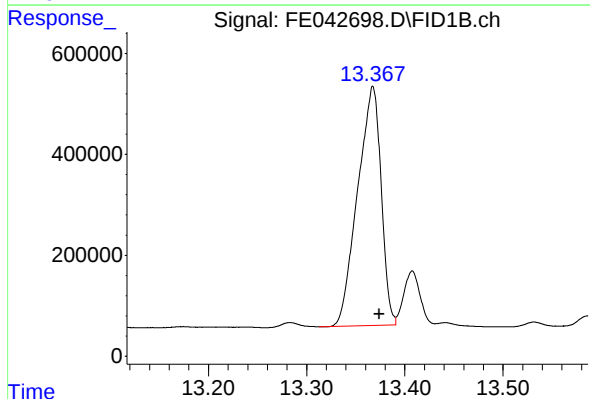
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.009 min
Response: 108076
Conc: 0.66 ug/ml

Instrument :

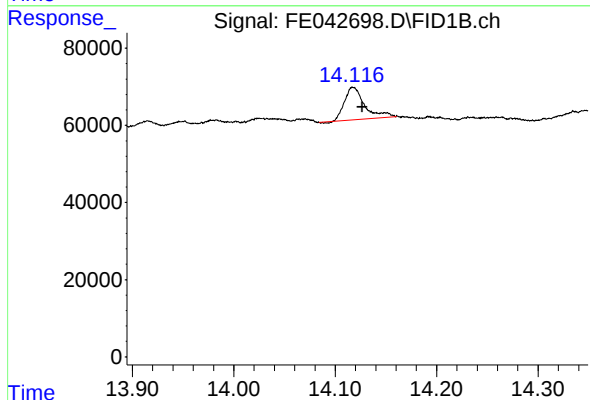
FID_E

ClientSampleId :



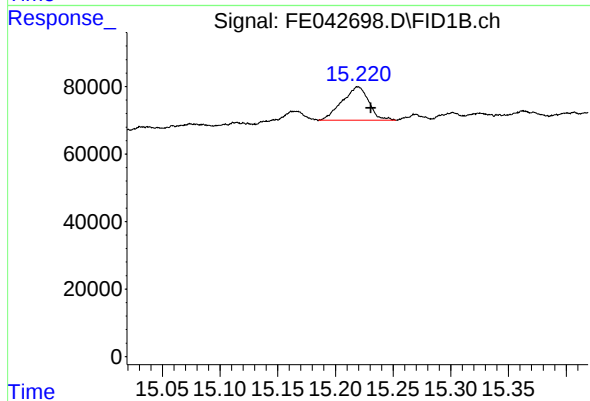
#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: -0.007 min
Response: 7870206
Conc: 54.58 ug/ml



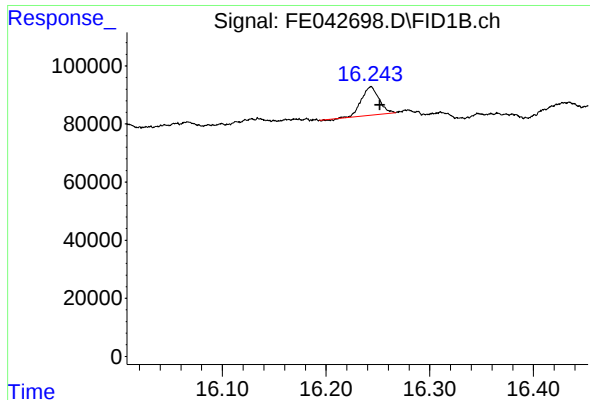
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.009 min
Response: 114865
Conc: 0.71 ug/ml



#14 n-Tetracosane (C24)

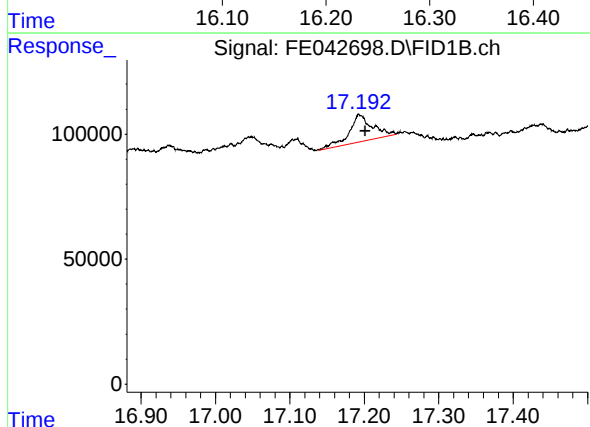
R.T.: 15.220 min
Delta R.T.: -0.011 min
Response: 160435
Conc: 1.02 ug/ml



#15 n-Hexacosane (C26)

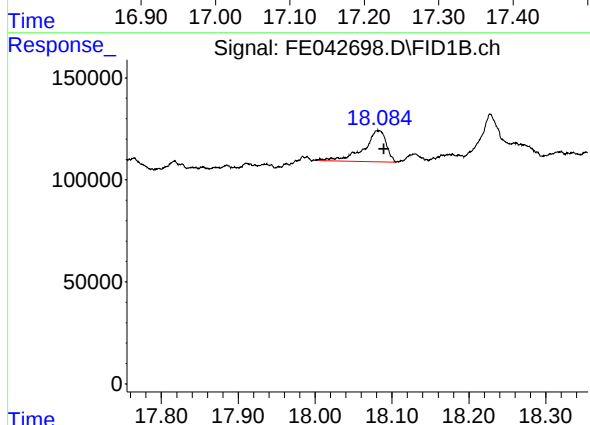
R.T.: 16.243 min
Delta R.T.: -0.008 min
Response: 114929
Conc: 0.76 ug/ml

Instrument :
FID_E
ClientSampleId :



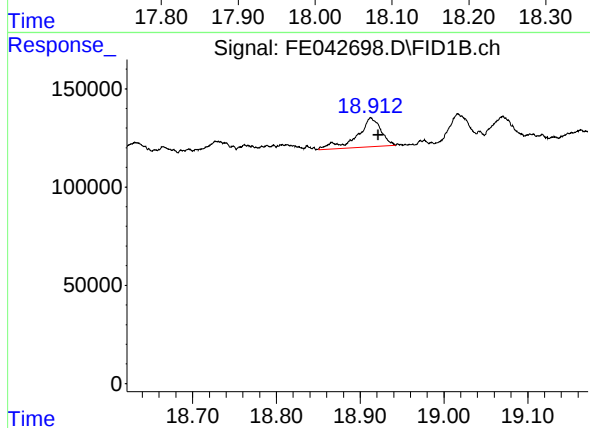
#16 n-Octacosane (C28)

R.T.: 17.193 min
Delta R.T.: -0.008 min
Response: 236547
Conc: 1.65 ug/ml



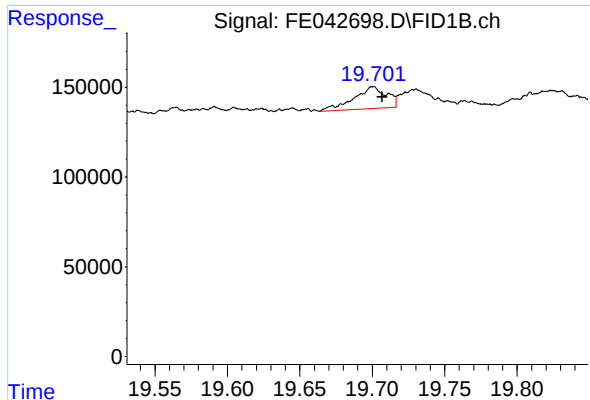
#17 n-Tricontane (C30)

R.T.: 18.083 min
Delta R.T.: -0.007 min
Response: 312957
Conc: 2.22 ug/ml



#18 n-Dotriacontane (C32)

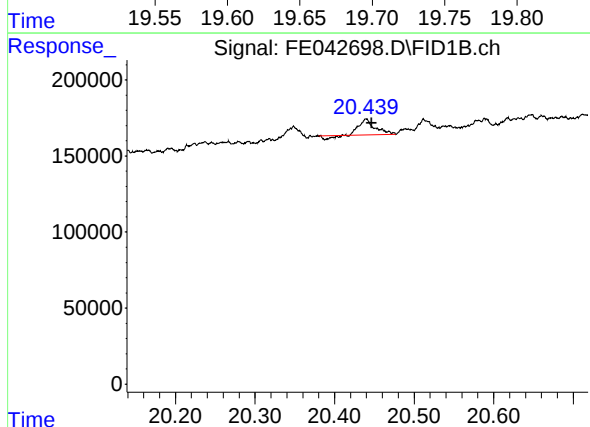
R.T.: 18.913 min
Delta R.T.: -0.009 min
Response: 288128
Conc: 2.12 ug/ml



#19 n-Tetratriacontane (C34)

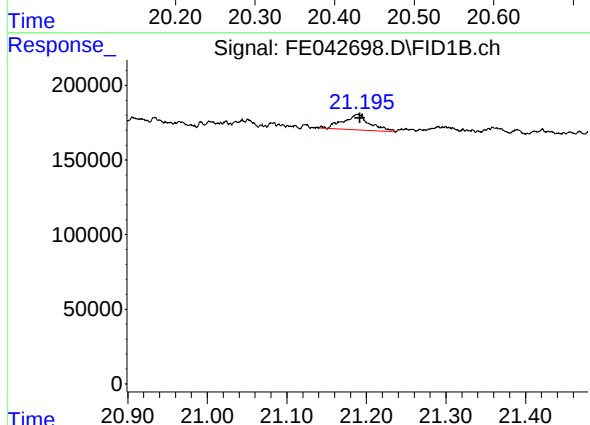
R.T.: 19.701 min
Delta R.T.: -0.006 min
Response: 190661
Conc: 1.44 ug/ml

Instrument :
FID_E
ClientSampleId :



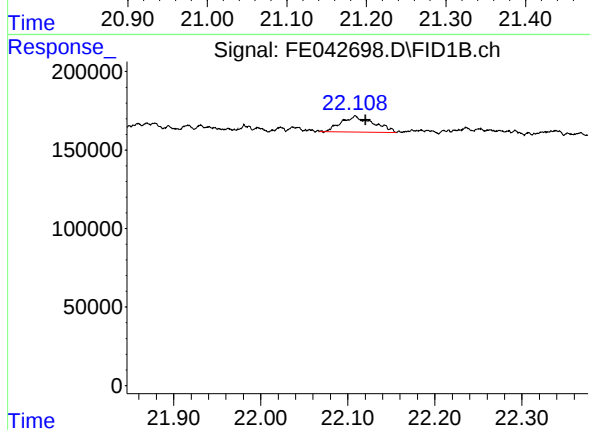
#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: -0.007 min
Response: 129642
Conc: 1.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: -0.003 min
Response: 242011
Conc: 1.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: -0.012 min
Response: 259197
Conc: 1.99 ug/ml