

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071024AL\
 Data File : FE049047.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2024 17:15
 Operator : YP\AJ
 Sample : P3181-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 11 04:14:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.924	3960964	23.689 ug/ml
Spiked Amount 50.000		Recovery =	47.38%
12) S 1-chlorooctadecane (S...	13.360	3546367	27.579 ug/ml
Spiked Amount 50.000		Recovery =	55.16%
Target Compounds			
6) T n-Tetradecane (C14)	8.552	70868	0.462 ug/ml
7) T n-Hexadecane (C16)	10.160	52485	0.336 ug/ml
8) T n-Octadecane (C18)	11.602	119377	0.749 ug/ml
10) T n-Eicosane (C20)	12.912	152233	0.982 ug/ml
11) T n-Heneicosane (C21)	13.550	462721	3.039 ug/ml
13) T n-Docosane (C22)	14.124	1402118	9.271 ug/ml
14) T n-Tetracosane (C24)	15.219	1095836	7.292 ug/ml
15) T n-Hexacosane (C26)	16.237	1998792	13.539 ug/ml
16) T n-Octacosane (C28)	17.185	1784062	12.371 ug/ml
17) T n-Tricontane (C30)	18.075	2741807	18.741 ug/ml
18) T n-Dotriacontane (C32)	18.907	3579484	25.035 ug/ml
19) T n-Tetratriacontane (C34)	19.694	651176	4.706 ug/ml
20) T n-Hexatriacontane (C36)	20.429	119848	0.922 ug/ml
21) T n-Octatriacontane (C38)	21.170	109080	0.851 ug/ml
22) T n-Tetracontane (C40)	22.070	88246	0.721 ug/ml

(f)=RT Delta > 1/2 Window

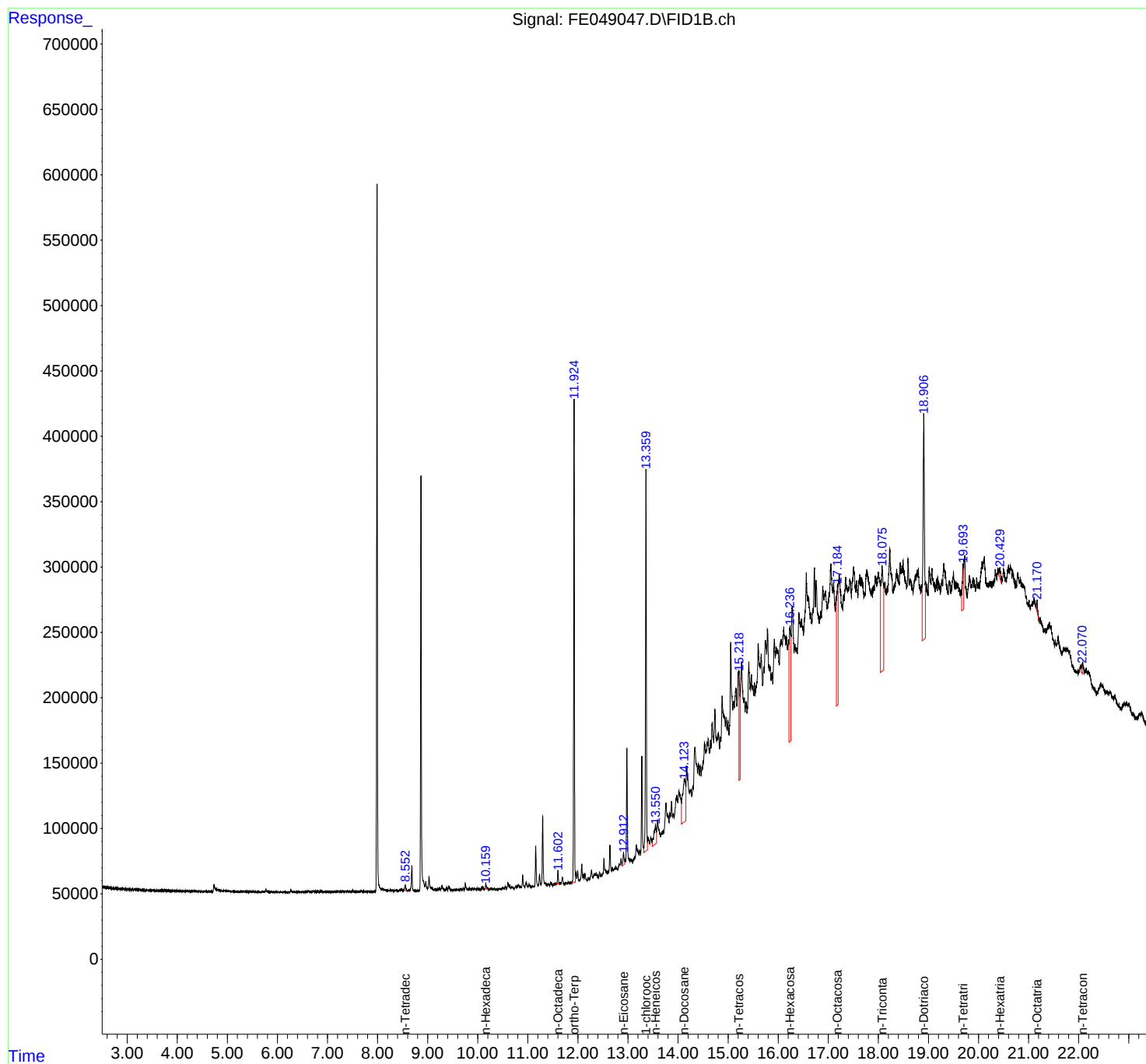
(m)=manual int.

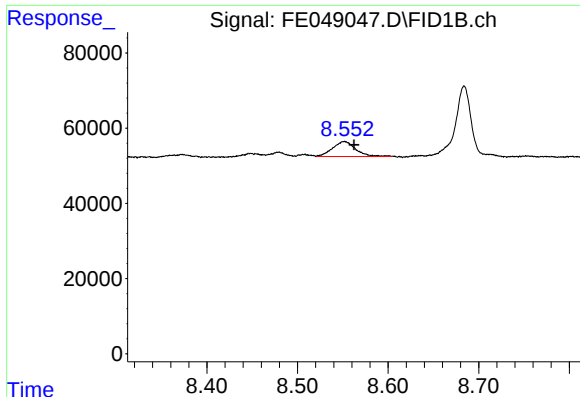
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071024AL\
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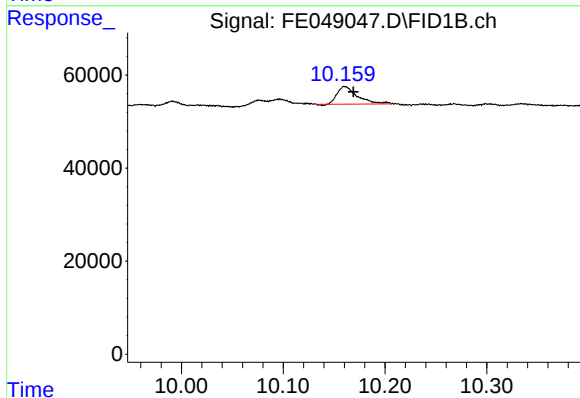




#6 n-Tetradecane (C14)

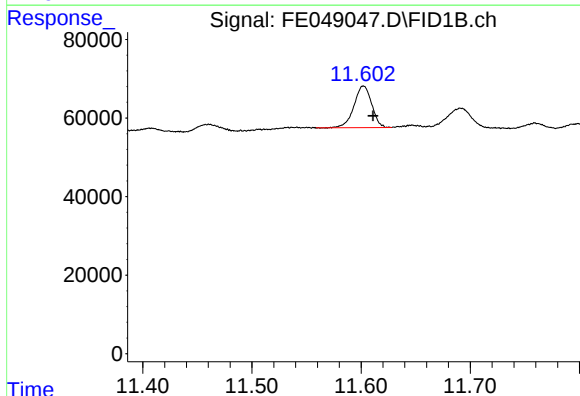
R.T.: 8.552 min
Delta R.T.: -0.010 min
Response: 70868
Conc: 0.46 ug/ml

Instrument :
FID_E
ClientSampleId :



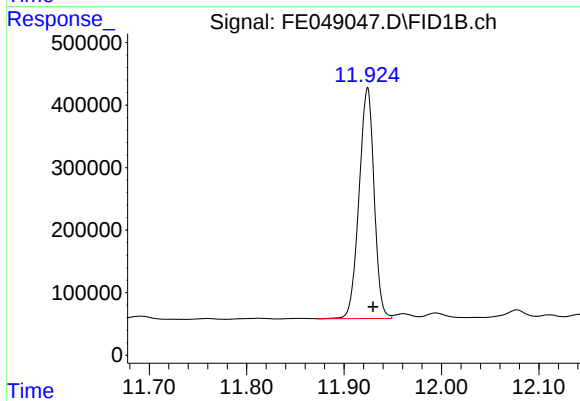
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.009 min
Response: 52485
Conc: 0.34 ug/ml



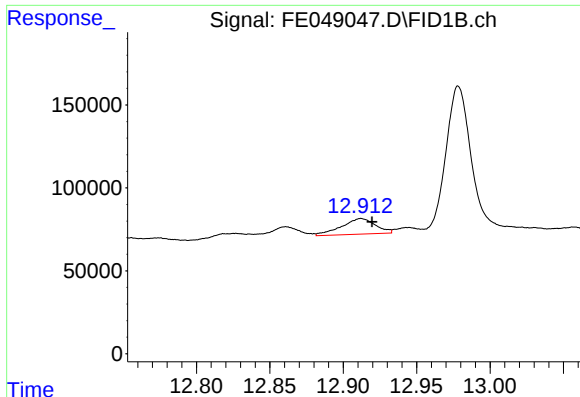
#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: -0.009 min
Response: 119377
Conc: 0.75 ug/ml



#9 ortho-Terphenyl (SURR)

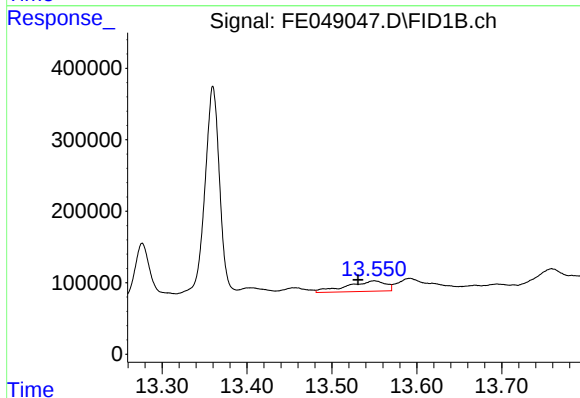
R.T.: 11.924 min
Delta R.T.: -0.005 min
Response: 3960964
Conc: 23.69 ug/ml



#10 n-Eicosane (C20)

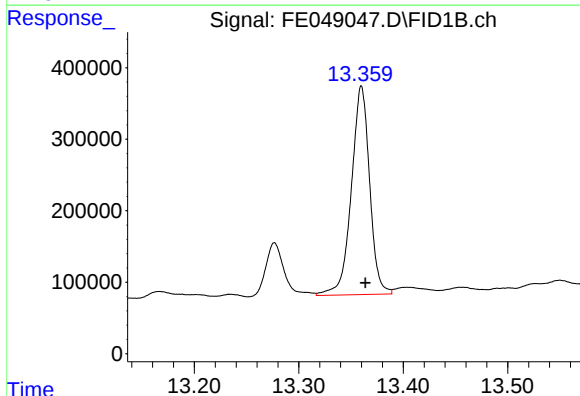
R.T.: 12.912 min
Delta R.T.: -0.007 min
Response: 152233
Conc: 0.98 ug/ml

Instrument :
FID_E
ClientSampleId :



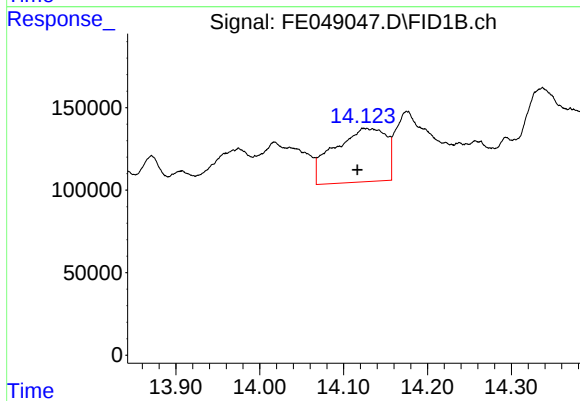
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: 0.019 min
Response: 462721
Conc: 3.04 ug/ml



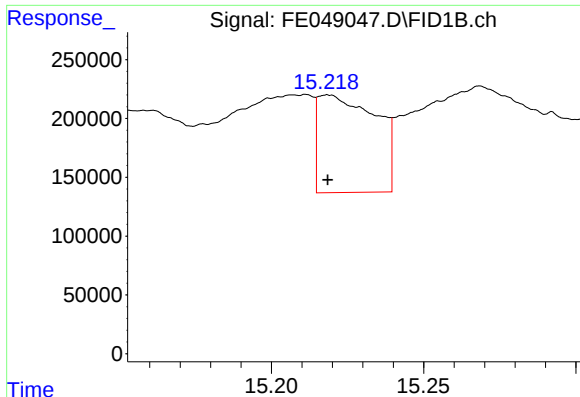
#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: -0.004 min
Response: 3546367
Conc: 27.58 ug/ml



#13 n-Docosane (C22)

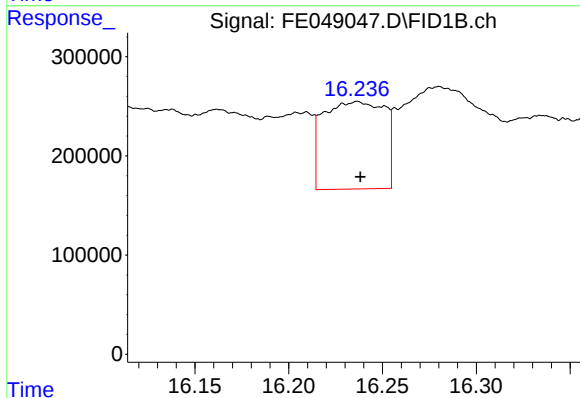
R.T.: 14.124 min
Delta R.T.: 0.007 min
Response: 1402118
Conc: 9.27 ug/ml



#14 n-Tetracosane (C24)

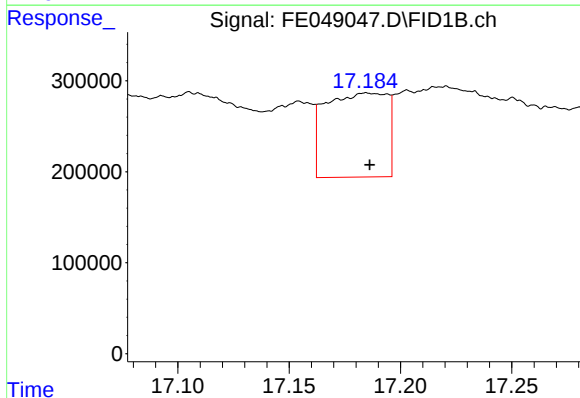
R.T.: 15.219 min
Delta R.T.: 0.000 min
Response: 1095836
Conc: 7.29 ug/ml

Instrument :
FID_E
ClientSampleId :



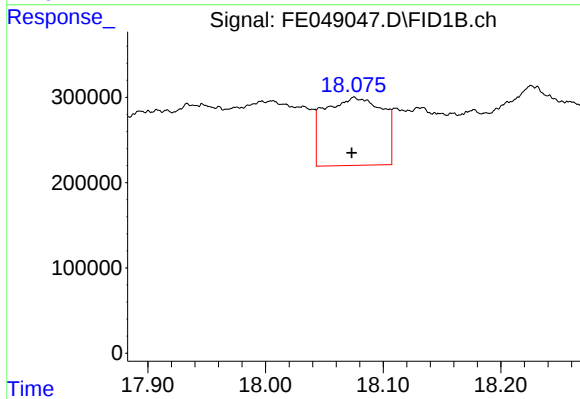
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: -0.002 min
Response: 1998792
Conc: 13.54 ug/ml



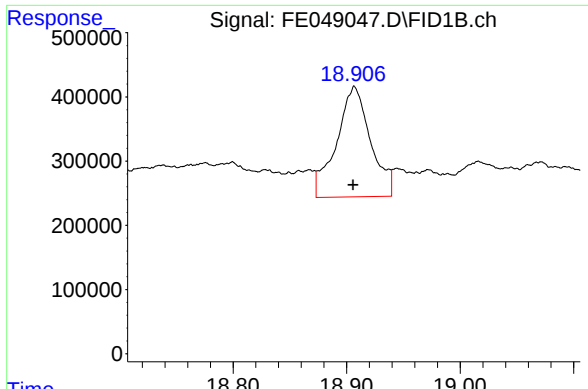
#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: -0.002 min
Response: 1784062
Conc: 12.37 ug/ml



#17 n-Tricontane (C30)

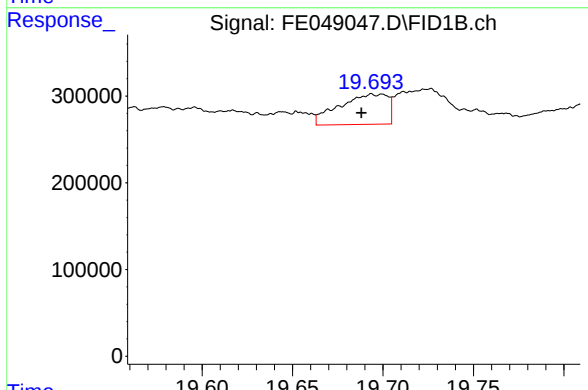
R.T.: 18.075 min
Delta R.T.: 0.002 min
Response: 2741807
Conc: 18.74 ug/ml



#18 n-Dotriacontane (C32)

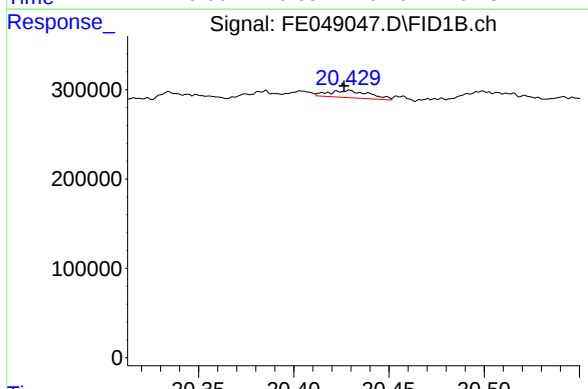
R.T.: 18.907 min
Delta R.T.: 0.002 min
Response: 3579484
Conc: 25.03 ug/ml

Instrument :
FID_E
ClientSampleId :



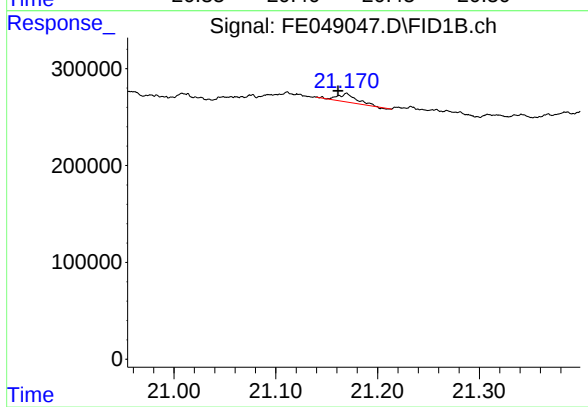
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.006 min
Response: 651176
Conc: 4.71 ug/ml



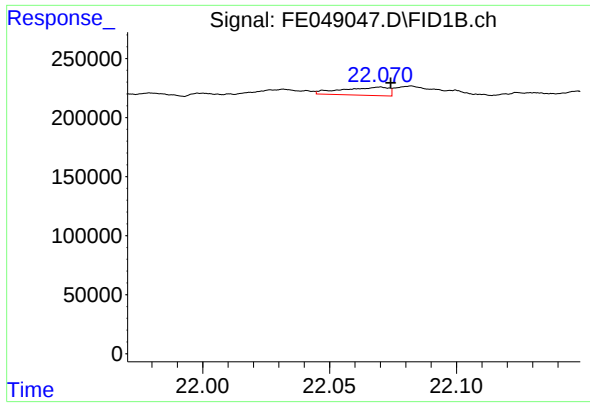
#20 n-Hexatriacontane (C36)

R.T.: 20.429 min
Delta R.T.: 0.003 min
Response: 119848
Conc: 0.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: 0.008 min
Response: 109080
Conc: 0.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: -0.004 min
Response: 88246
Conc: 0.72 ug/ml

Instrument :
FID_E
ClientSampleId :