

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101819\  
 Data File : PD055401.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2019 16:43  
 Operator : SG\AJ  
 Sample : INDB324  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INDB324

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 01:01:30 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101819CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 19 00:42:03 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.290  | 3.963  | 17355660 | 25296757 | 19.466   | 18.789   |
| 27)                         | SA Decachlor... | 7.967  | 8.999  | 37285186 | 53534292 | 40.719   | 41.029   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 4)                          | MA Heptachlor   | 4.242f | 0.000  | 10699987 | 0        | 11.759   | N.D. #   |
| 5)                          | MB Aldrin       | 4.518  | 5.442  | 21581278 | 34009821 | 20.289   | 19.558   |
| 6)                          | B beta-BHC      | 4.242  | 4.800  | 10699987 | 17031449 | 20.128   | 19.262   |
| 7)                          | B delta-BHC     | 4.438  | 5.016  | 24721308 | 37039509 | 20.183   | 19.521   |
| 8)                          | B Heptachlo...  | 4.955  | 5.826  | 20529116 | 33216281 | 20.349   | 19.453   |
| 9)                          | A Endosulfan I  | 5.235f | 6.132f | 20351034 | 33287990 | 21.173   | 20.310   |
| 10)                         | B trans-Chl...  | 5.177  | 6.059  | 20820798 | 34176311 | 20.138   | 19.405   |
| 11)                         | B cis-Chlor...  | 5.235  | 6.132  | 20351034 | 33287990 | 20.257   | 19.362   |
| 12)                         | B 4,4'-DDE      | 5.402  | 6.288  | 41544658 | 66836531 | 40.760   | 39.639   |
| 15)                         | B Endosulfa...  | 6.052  | 6.861  | 38845958 | 61230446 | 40.578   | 39.384   |
| 18)                         | B Endrin al...  | 6.221  | 6.985  | 32647351 | 51756887 | 40.235   | 39.099   |
| 19)                         | B Endosulfa...  | 6.432  | 7.208  | 36376207 | 58340486 | 40.808   | 39.132   |
| 20)                         | A Methoxychlor  | 0.000  | 7.530  | 0        | 1498107  | N.D.     | 1.943    |
| 21)                         | B Endrin ke...  | 6.917  | 7.676  | 42543930 | 63962696 | 43.528   | 39.936   |
| 22)                         | Toxaphene-1     | 0.000  | 6.288  | 0        | 66836531 | N.D.     | 8559.266 |
| 23)                         | Toxaphene-2     | 5.694  | 0.000  | 2159626  | 0        | 370.309  | N.D. #   |
| 24)                         | Toxaphene-3     | 0.000  | 6.985  | 0        | 51756887 | N.D.     | 3815.997 |
| 25)                         | Toxaphene-4     | 6.052  | 0.000  | 38845958 | 0        | 2543.342 | N.D. #   |
| 26)                         | Toxaphene-5     | 0.000  | 7.676  | 0        | 63962696 | N.D.     | 3524.947 |
| -----                       |                 |        |        |          |          |          |          |

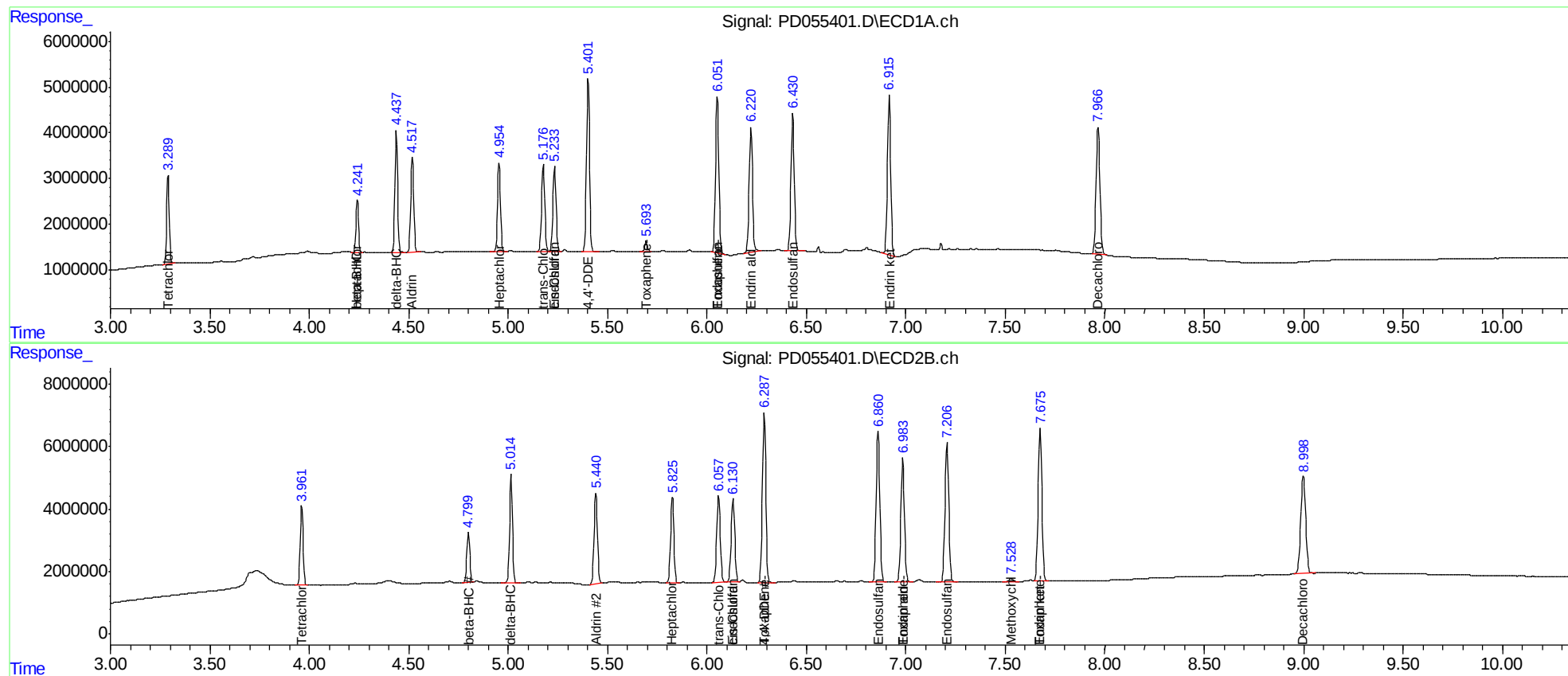
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

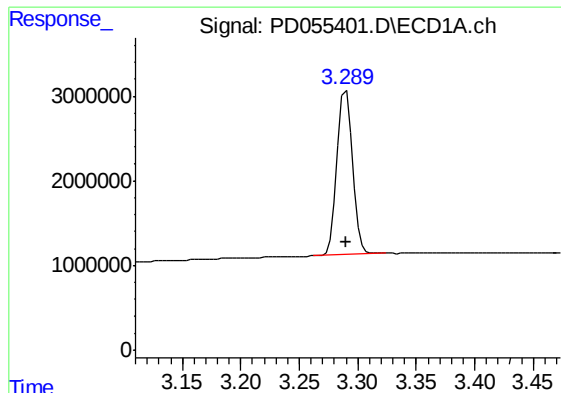
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101819\  
Data File : PD055401.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Oct 2019 16:43  
Operator : SG\AJ  
Sample : INDB324  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 19 01:01:30 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101819CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Oct 19 00:42:03 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

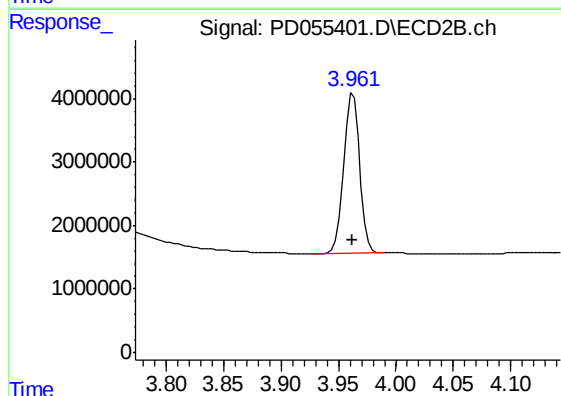




#1 Tetrachloro-m-xylene

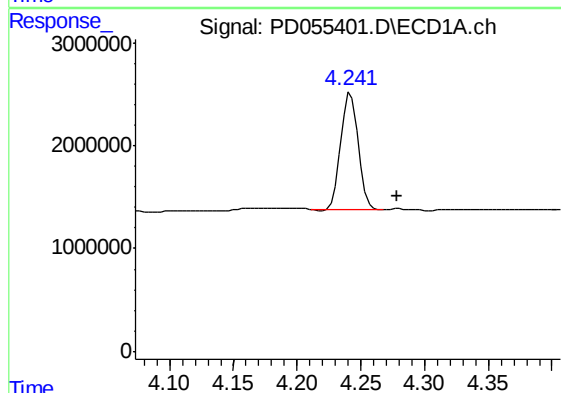
R.T.: 3.290 min  
Delta R.T.: 0.000 min  
Response: 17355660  
Conc: 19.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



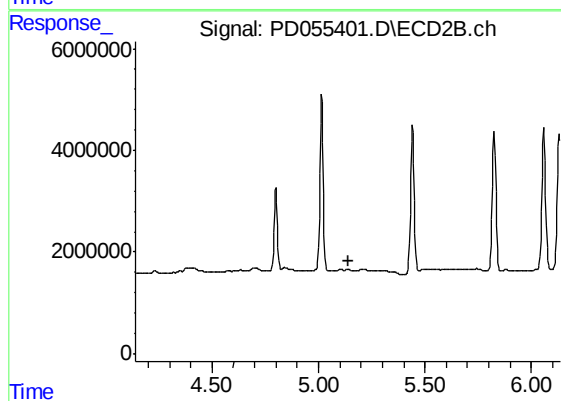
#1 Tetrachloro-m-xylene

R.T.: 3.963 min  
Delta R.T.: 0.000 min  
Response: 25296757  
Conc: 18.79 ng/ml



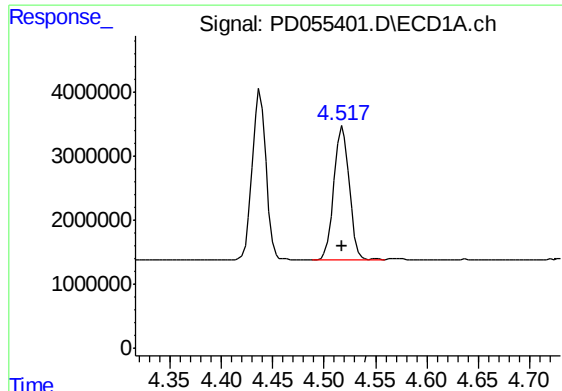
#4 Heptachlor

R.T.: 4.242 min  
Delta R.T.: -0.036 min  
Response: 10699987  
Conc: 11.76 ng/ml



#4 Heptachlor

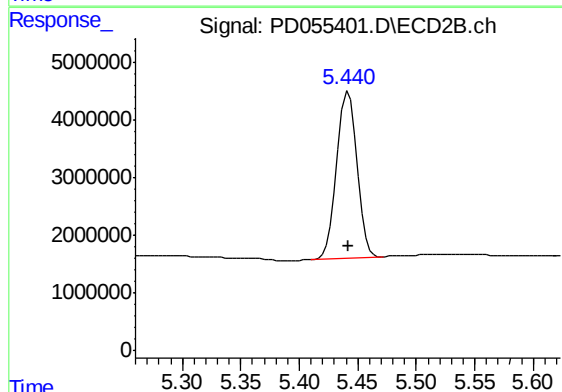
R.T.: 0.000 min  
Exp R.T. : 5.139 min  
Response: 0  
Conc: N.D.



#5 Aldrin

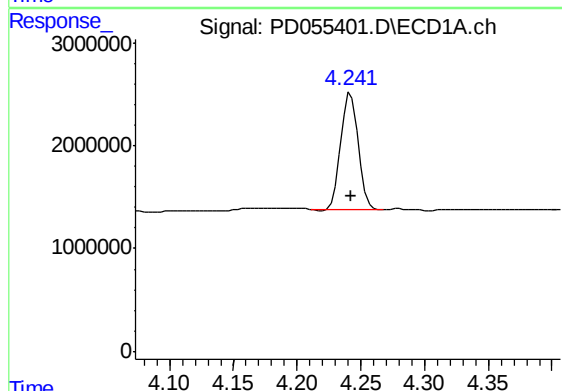
R.T.: 4.518 min  
Delta R.T.: 0.000 min  
Response: 21581278  
Conc: 20.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



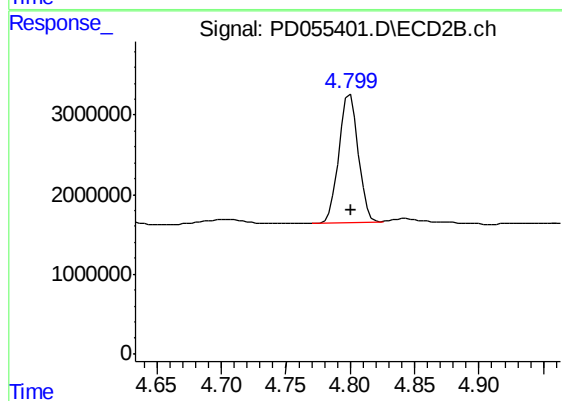
#5 Aldrin

R.T.: 5.442 min  
Delta R.T.: 0.000 min  
Response: 34009821  
Conc: 19.56 ng/ml



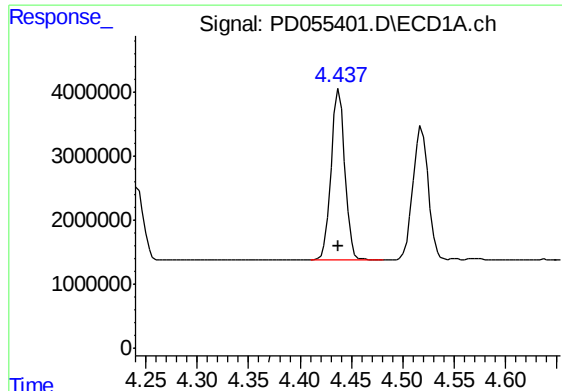
#6 beta-BHC

R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 10699987  
Conc: 20.13 ng/ml



#6 beta-BHC

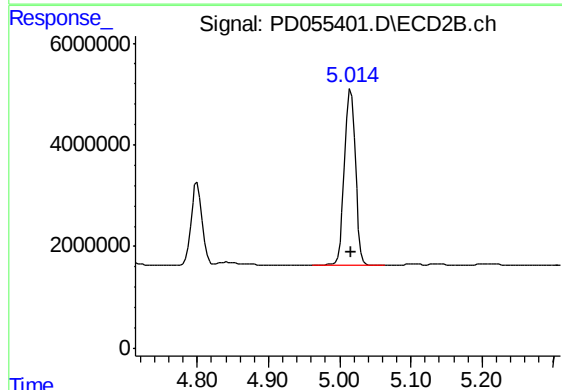
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 17031449  
Conc: 19.26 ng/ml



#7 delta-BHC

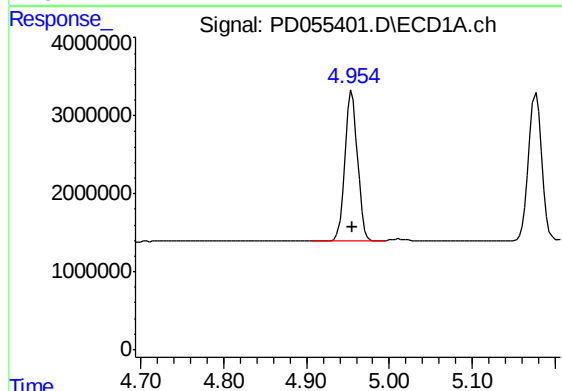
R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 24721308  
Conc: 20.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



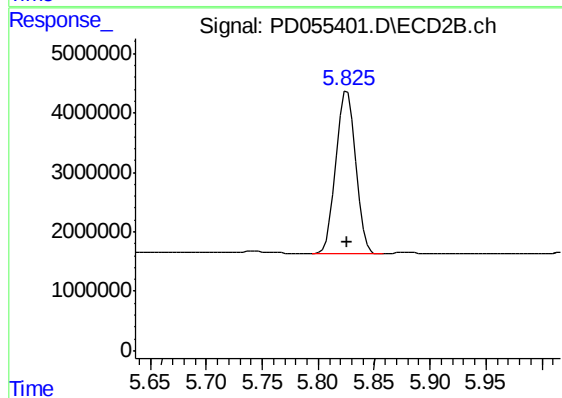
#7 delta-BHC

R.T.: 5.016 min  
Delta R.T.: 0.000 min  
Response: 37039509  
Conc: 19.52 ng/ml



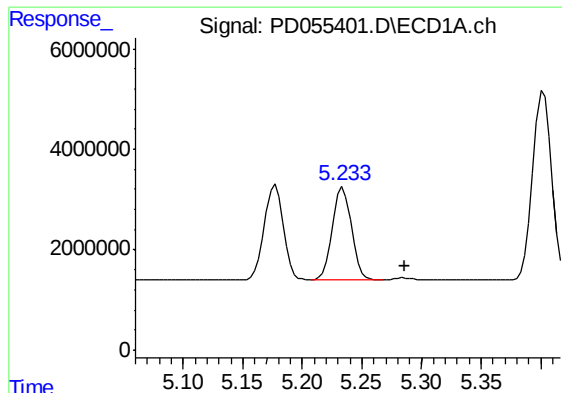
#8 Heptachlor epoxide

R.T.: 4.955 min  
Delta R.T.: 0.000 min  
Response: 20529116  
Conc: 20.35 ng/ml



#8 Heptachlor epoxide

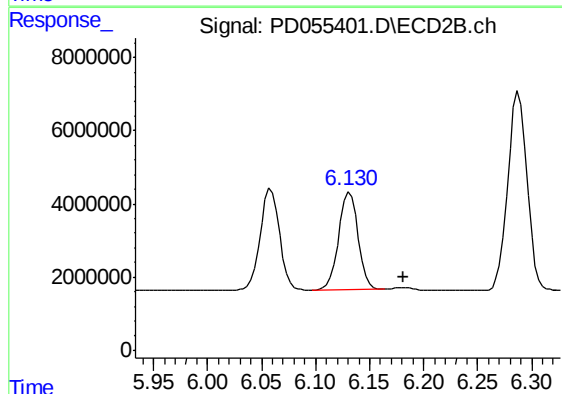
R.T.: 5.826 min  
Delta R.T.: 0.000 min  
Response: 33216281  
Conc: 19.45 ng/ml



#9 Endosulfan I

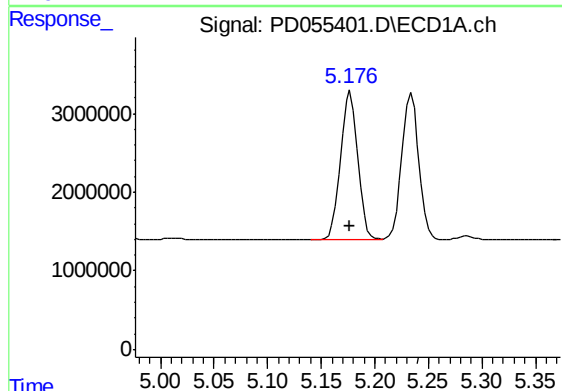
R.T.: 5.235 min  
Delta R.T.: -0.051 min  
Response: 20351034  
Conc: 21.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



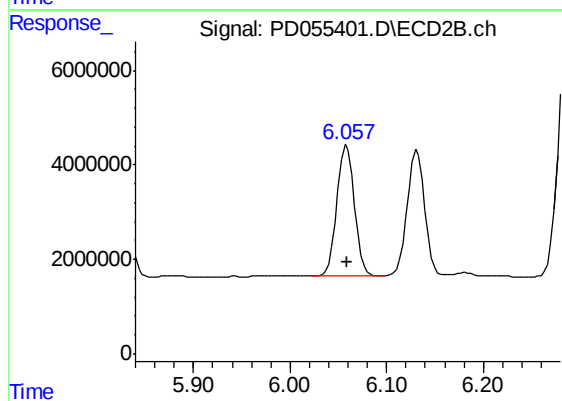
#9 Endosulfan I

R.T.: 6.132 min  
Delta R.T.: -0.050 min  
Response: 33287990  
Conc: 20.31 ng/ml



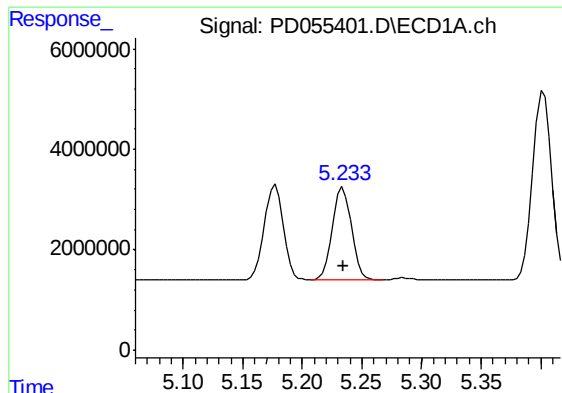
#10 trans-Chlordane

R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 20820798  
Conc: 20.14 ng/ml



#10 trans-Chlordane

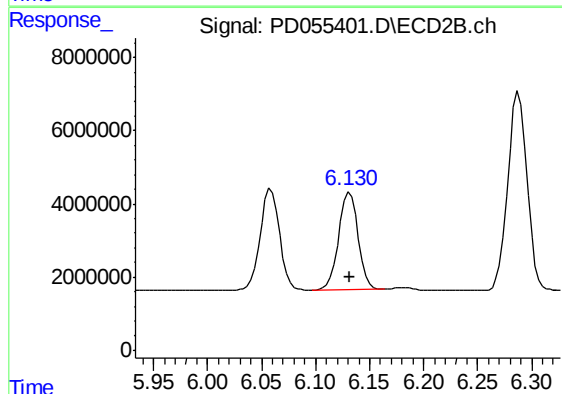
R.T.: 6.059 min  
Delta R.T.: 0.000 min  
Response: 34176311  
Conc: 19.40 ng/ml



#11 cis-Chlordane

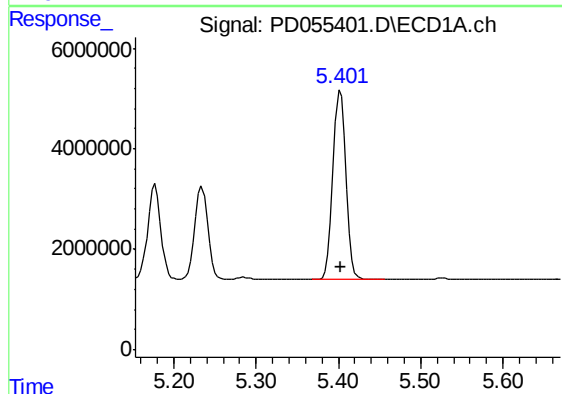
R.T.: 5.235 min  
Delta R.T.: 0.000 min  
Response: 20351034  
Conc: 20.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



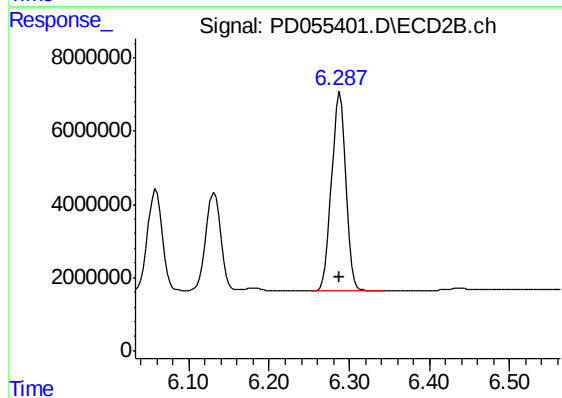
#11 cis-Chlordane

R.T.: 6.132 min  
Delta R.T.: 0.000 min  
Response: 33287990  
Conc: 19.36 ng/ml



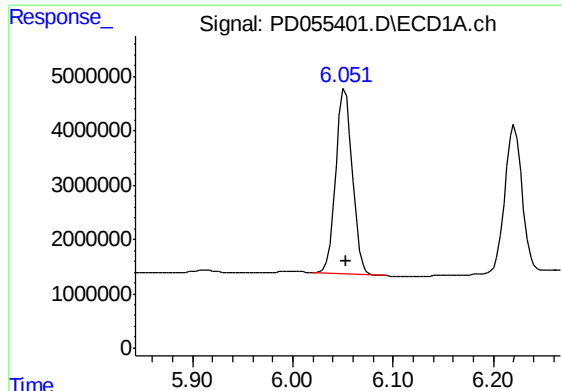
#12 4,4'-DDE

R.T.: 5.402 min  
Delta R.T.: 0.000 min  
Response: 41544658  
Conc: 40.76 ng/ml



#12 4,4'-DDE

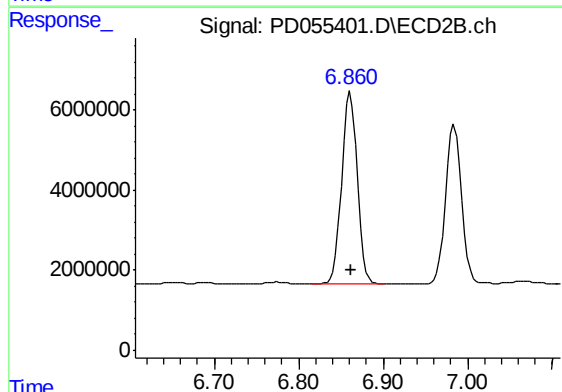
R.T.: 6.288 min  
Delta R.T.: 0.000 min  
Response: 66836531  
Conc: 39.64 ng/ml



#15 Endosulfan II

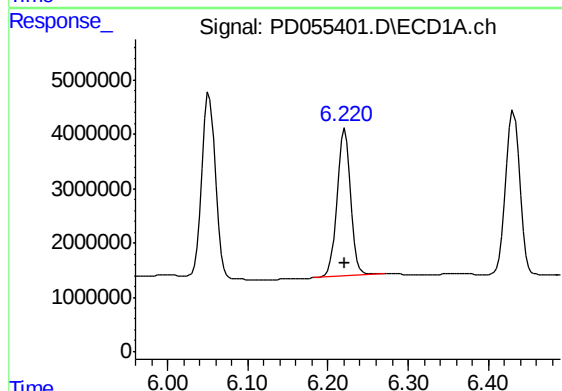
R.T.: 6.052 min  
Delta R.T.: 0.000 min  
Response: 38845958  
Conc: 40.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



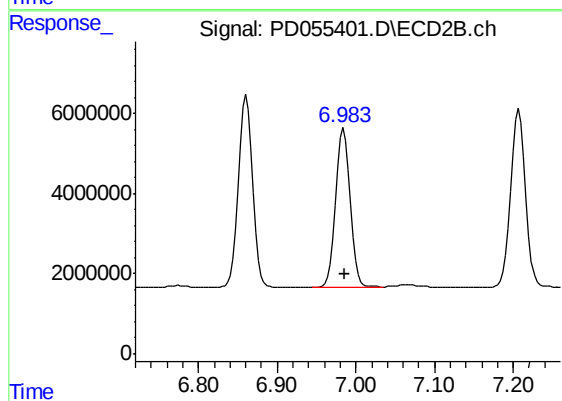
#15 Endosulfan II

R.T.: 6.861 min  
Delta R.T.: 0.000 min  
Response: 61230446  
Conc: 39.38 ng/ml



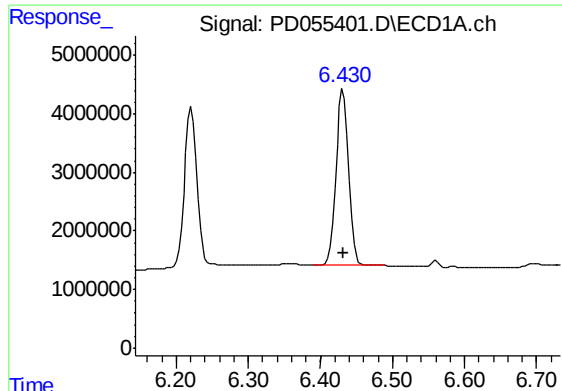
#18 Endrin aldehyde

R.T.: 6.221 min  
Delta R.T.: 0.000 min  
Response: 32647351  
Conc: 40.24 ng/ml



#18 Endrin aldehyde

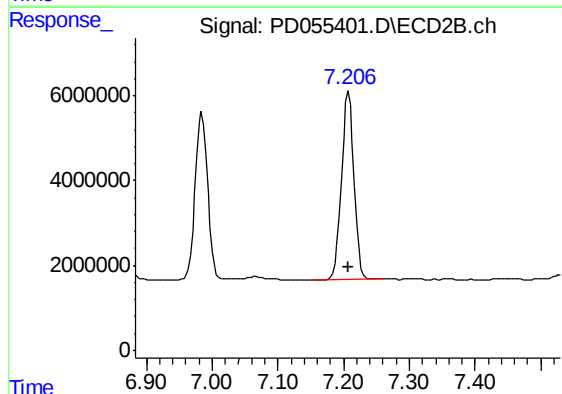
R.T.: 6.985 min  
Delta R.T.: 0.000 min  
Response: 51756887  
Conc: 39.10 ng/ml



#19 Endosulfan Sulfate

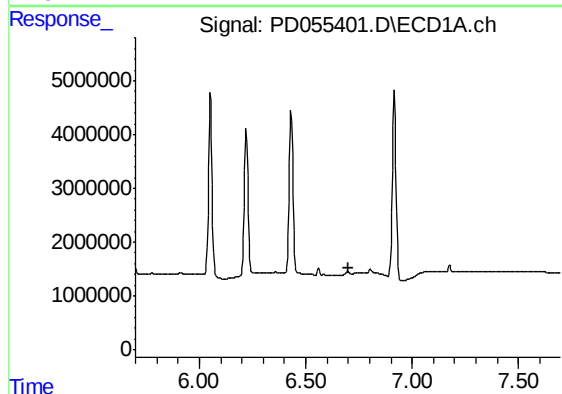
R.T.: 6.432 min  
Delta R.T.: 0.000 min  
Response: 36376207  
Conc: 40.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



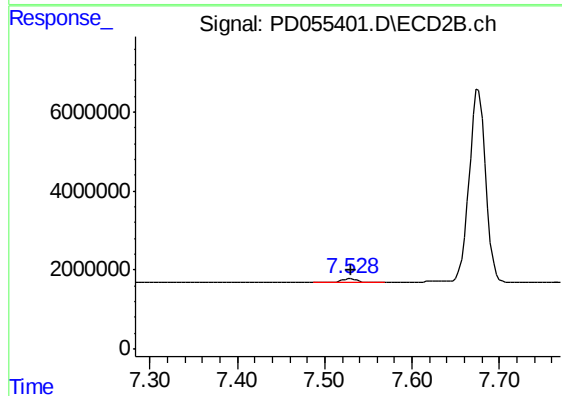
#19 Endosulfan Sulfate

R.T.: 7.208 min  
Delta R.T.: 0.000 min  
Response: 58340486  
Conc: 39.13 ng/ml



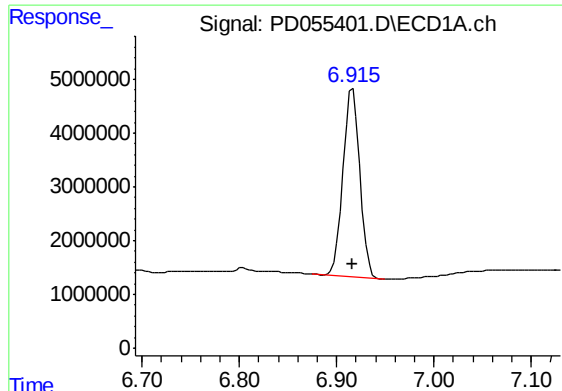
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.699 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

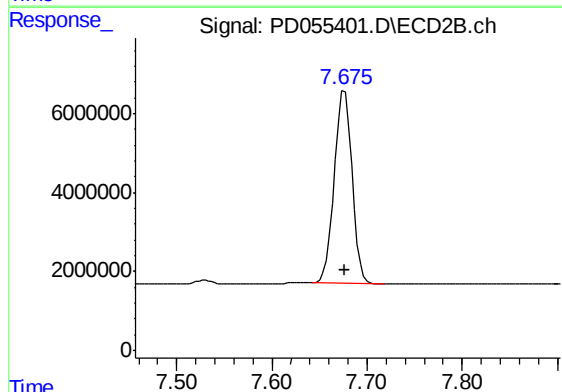
R.T.: 7.530 min  
Delta R.T.: 0.000 min  
Response: 1498107  
Conc: 1.94 ng/ml



#21 Endrin ketone

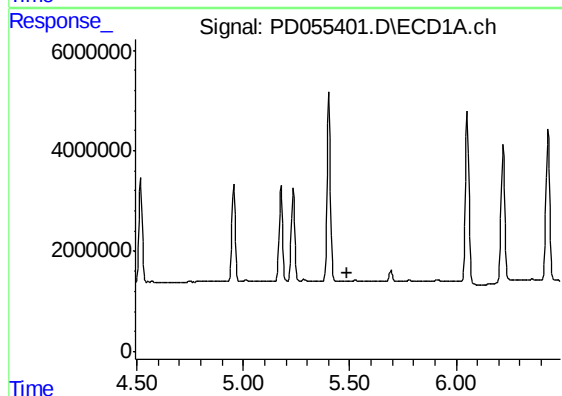
R.T.: 6.917 min  
Delta R.T.: 0.000 min  
Response: 42543930  
Conc: 43.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



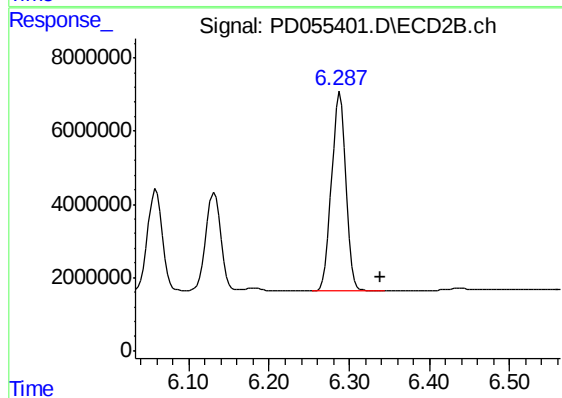
#21 Endrin ketone

R.T.: 7.676 min  
Delta R.T.: 0.000 min  
Response: 63962696  
Conc: 39.94 ng/ml



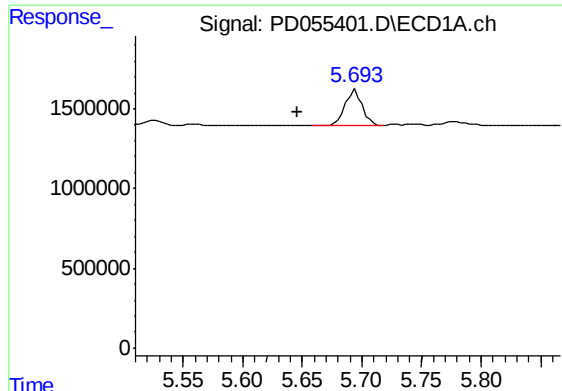
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.491 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

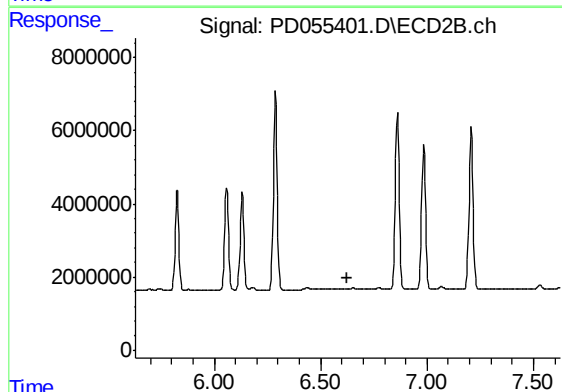
R.T.: 6.288 min  
Delta R.T.: -0.050 min  
Response: 66836531  
Conc: 8559.27 ng/ml



#23 Toxaphene-2

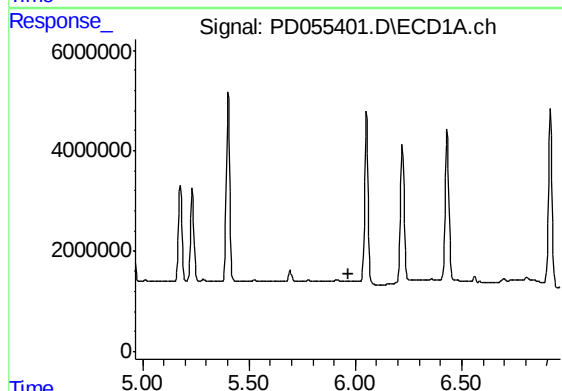
R.T.: 5.694 min  
Delta R.T.: 0.048 min  
Response: 2159626  
Conc: 370.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



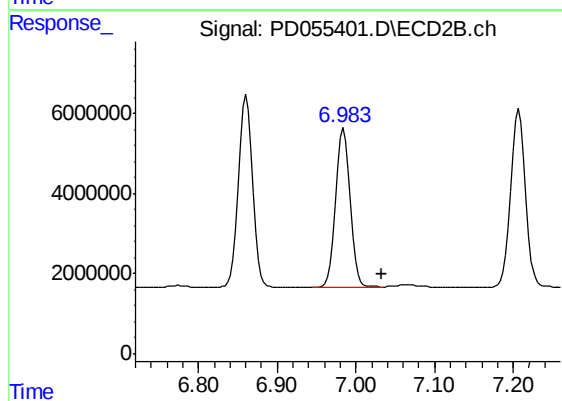
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 6.627 min  
Response: 0  
Conc: N.D.



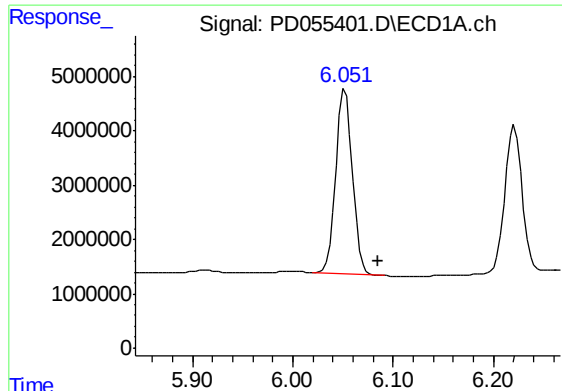
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T. : 5.966 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

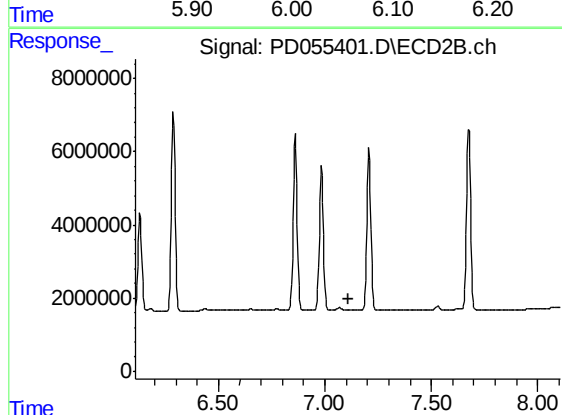
R.T.: 6.985 min  
Delta R.T.: -0.048 min  
Response: 51756887  
Conc: 3816.00 ng/ml



#25 Toxaphene-4

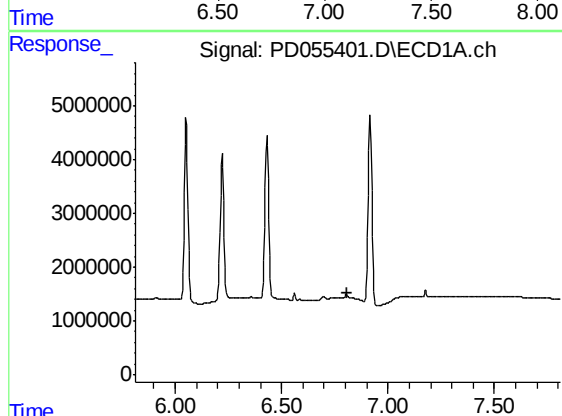
R.T.: 6.052 min  
Delta R.T.: -0.033 min  
Response: 38845958  
Conc: 2543.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



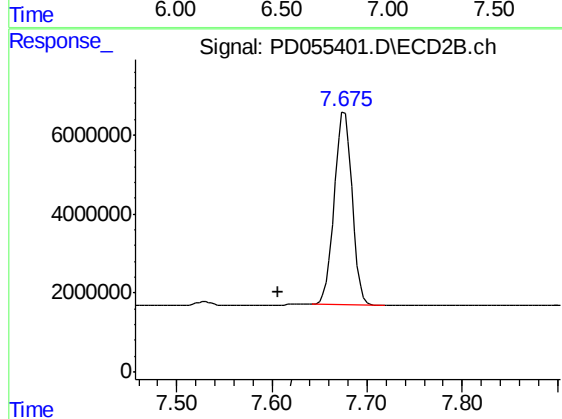
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.109 min  
Response: 0  
Conc: N.D.



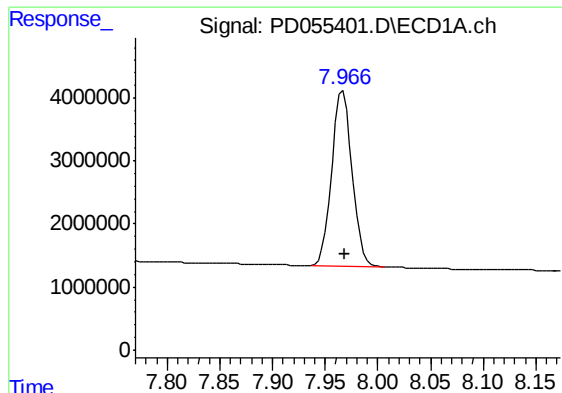
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 6.810 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

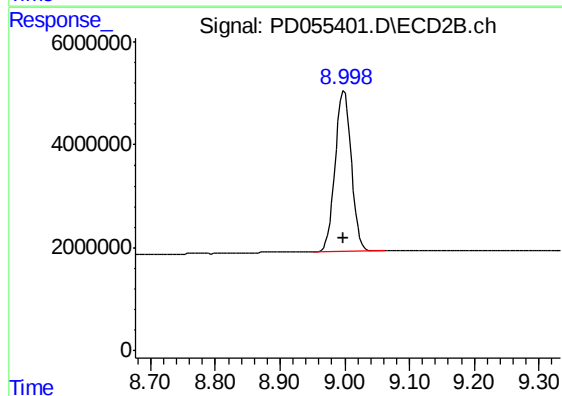
R.T.: 7.676 min  
Delta R.T.: 0.070 min  
Response: 63962696  
Conc: 3524.95 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.967 min  
Delta R.T.: -0.002 min  
Response: 37285186  
Conc: 40.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



#27 Decachlorobiphenyl

R.T.: 8.999 min  
Delta R.T.: 0.000 min  
Response: 53534292  
Conc: 41.03 ng/ml