Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022324\
Data File : PD081600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2024 16:26
Operator : AR\AJ
Sample : PEM113
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM123

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 22:04:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021224CLP.M
Quant Title : GC Extractables
QLast Update : Mon Feb 12 17:06:05 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.565	2.794	27722962	50121599	20.278	20.445	
27)	SA Decachlor...	9.109	7.928	38831339	54861047	20.127	22.115	
	Target Compounds							
2)	A alpha-BHC	4.021	3.295	21589538	38189244	9.245	9.933	
3)	MA gamma-BHC...	4.355	3.624	21928471	35643212	9.492	9.841	
4)	MA Heptachlor	0.000	3.919f	0	17331594	N.D.	4.886	
5)	MB Aldrin	0.000	4.255	0	107762	N.D.	<MDL	
6)	B beta-BHC	4.549	3.919	10685673	17331594	10.282	10.257	
8)	B Heptachlo...	0.000	4.785f	0	87610	N.D.	<MDL	
9)	A Endosulfan I	0.000	5.145	0	51198	N.D.	<MDL	
10)	B trans-Chl...	0.000	5.001	0	919791	N.D.	0.295	
11)	B cis-Chlor...	0.000	5.001f	0	919791	N.D.	0.287	
12)	B 4,4'-DDE	0.000	5.250	0	847600	N.D.	0.287	
14)	MA Endrin	6.609	5.654	75617232	126.4E6	40.293	43.980	
15)	B Endosulfa...	6.844	5.963	1671519	1671180	0.866	0.592	#
16)	A 4,4'-DDD	6.740	5.801	4264649	7216788	2.568	2.864	
17)	MA 4,4'-DDT	7.055	6.052	155.7E6	248.8E6	89.599	96.351	
18)	B Endrin al...	6.957	6.127	3725362	6445765	2.494	2.975	
19)	B Endosulfa...	0.000	6.337	0	210727	N.D.	<MDL	
20)	A Methoxychlor	7.530	6.626	209.3E6	313.2E6	228.225	234.394	
21)	B Endrin ke...	7.678	6.854	7885007	13786441	4.078	4.598	
22)	Toxaphene-1	0.000	5.001	0	919791	N.D.	56.180	
24)	Toxaphene-3	7.055f	6.626	155.7E6	313.2E6	2943.463	5350.293	#
25)	Toxaphene-4	0.000	6.701f	0	1324019	N.D.	16.638	
26)	Toxaphene-5	7.625	0.000	2298079	0	77.485	N.D.	#

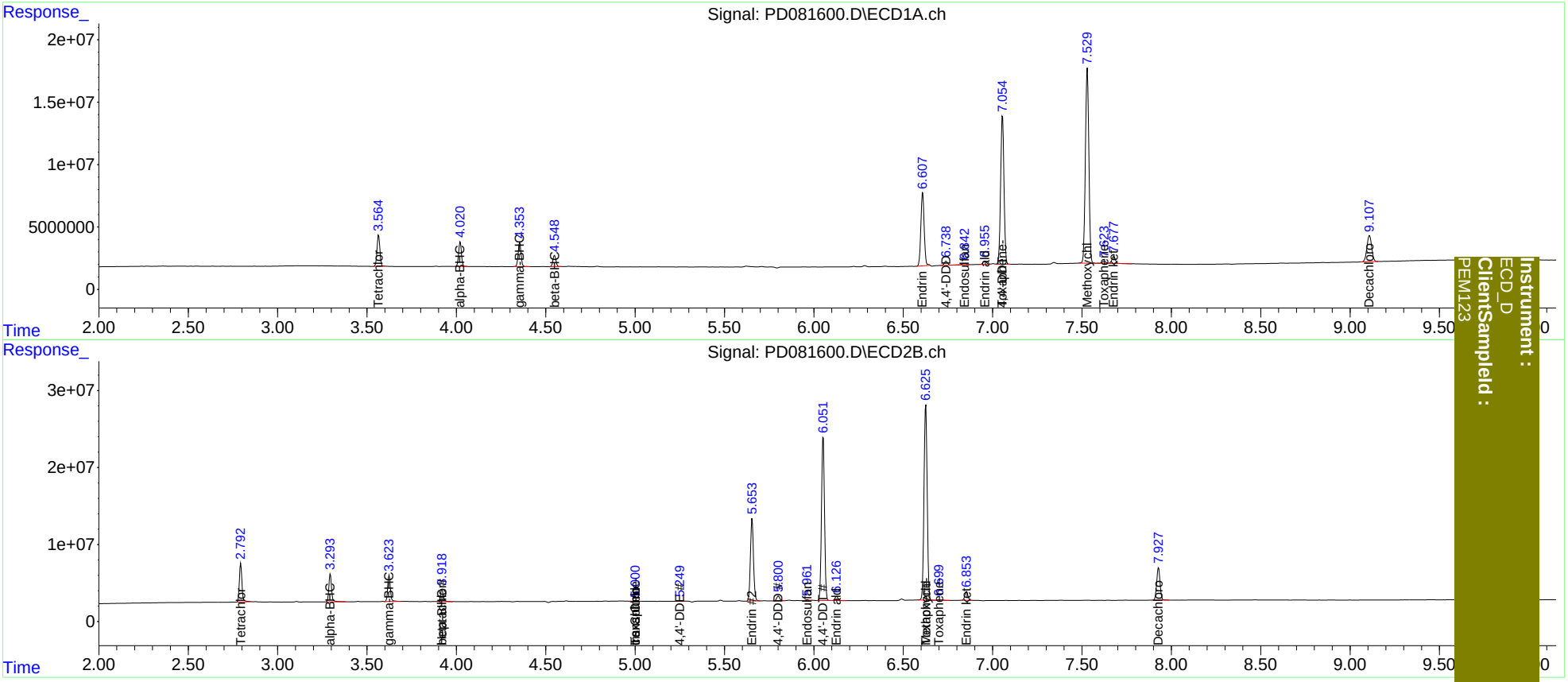
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

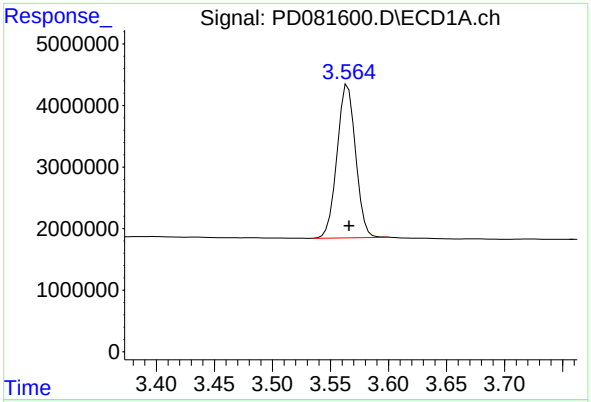
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022324\
Data File : PD081600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2024 16:26
Operator : AR\AJ
Sample : PEM113
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 22:04:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021224CLP.M
Quant Title : GC Extractables
QLast Update : Mon Feb 12 17:06:05 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

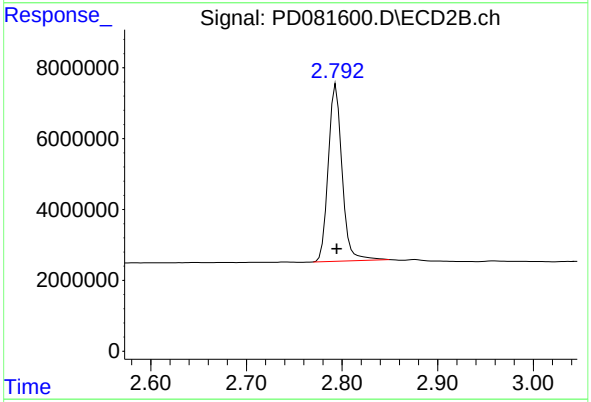




#1 Tetrachloro-m-xylene

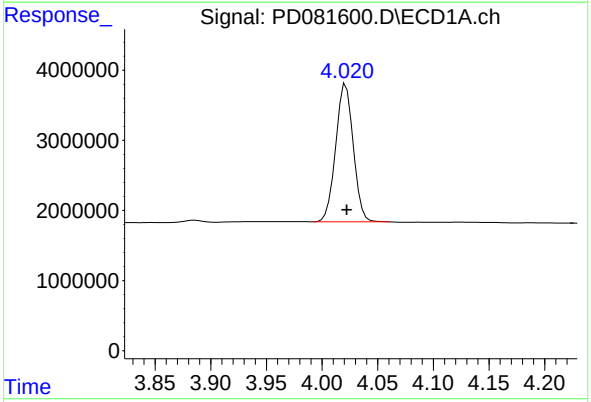
R.T.: 3.565 min
Delta R.T.: -0.001 min
Response: 27722962
Conc: 20.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM123



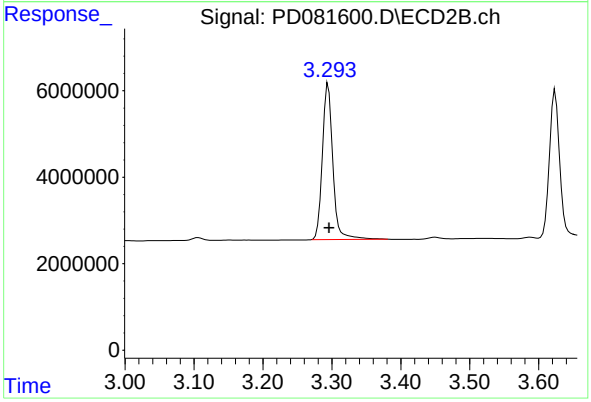
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: 0.000 min
Response: 50121599
Conc: 20.44 ng/ml



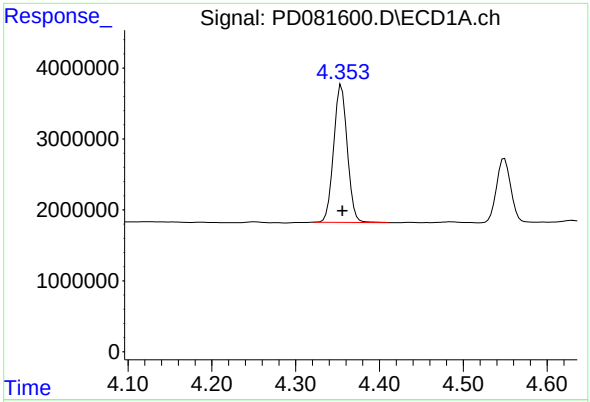
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 21589538
Conc: 9.24 ng/ml



#2 alpha-BHC

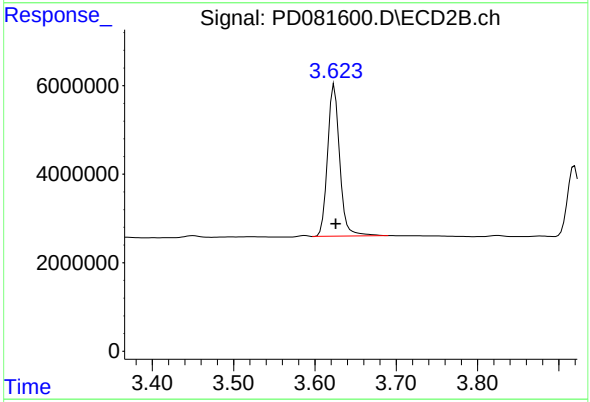
R.T.: 3.295 min
Delta R.T.: -0.001 min
Response: 38189244
Conc: 9.93 ng/ml



#3 gamma-BHC (Lindane)

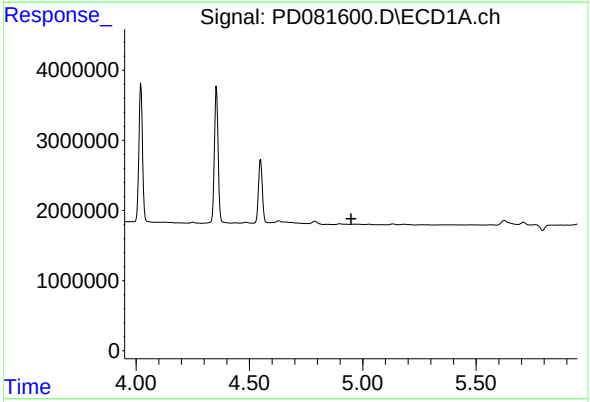
R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 21928471
Conc: 9.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM123



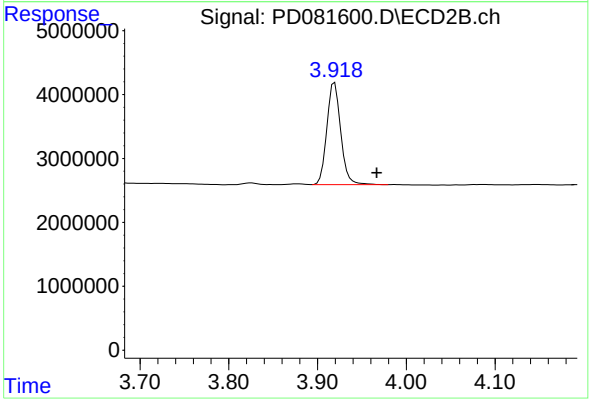
#3 gamma-BHC (Lindane)

R.T.: 3.624 min
Delta R.T.: -0.001 min
Response: 35643212
Conc: 9.84 ng/ml



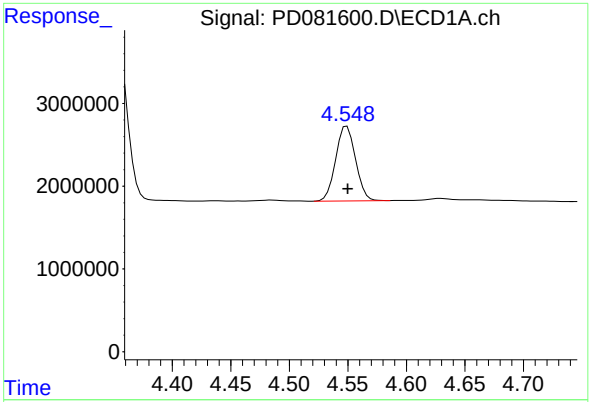
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.949 min
Response: 0
Conc: N.D.



#4 Heptachlor

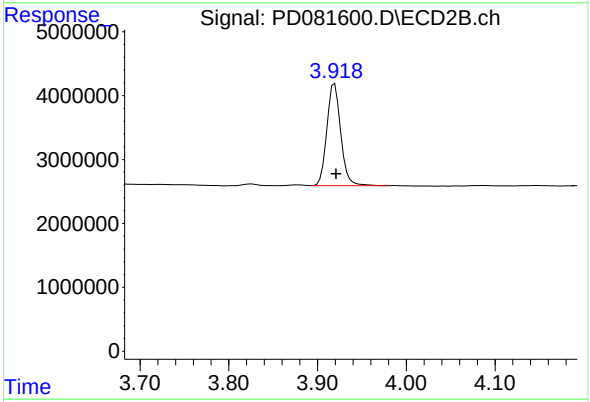
R.T.: 3.919 min
Delta R.T.: -0.047 min
Response: 17331594
Conc: 4.89 ng/ml



#6 beta-BHC

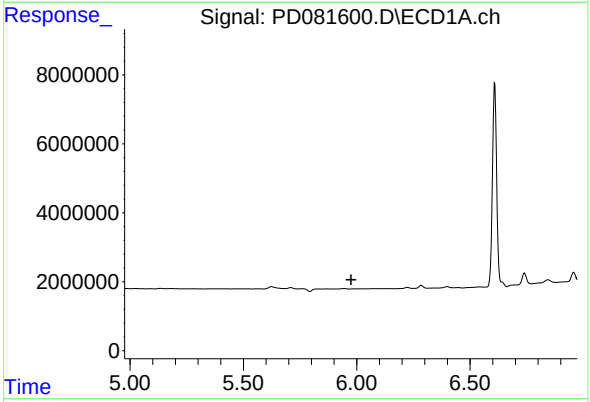
R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 10685673
Conc: 10.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM123



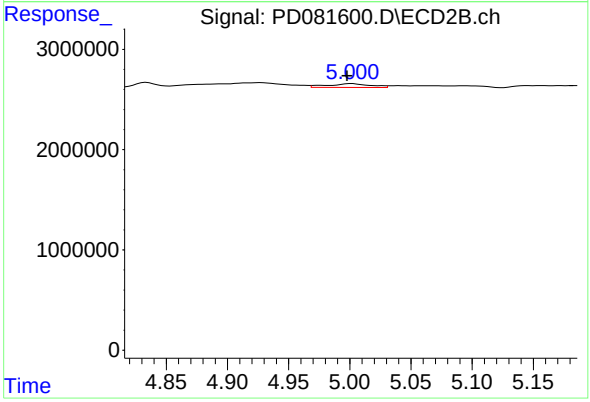
#6 beta-BHC

R.T.: 3.919 min
Delta R.T.: -0.002 min
Response: 17331594
Conc: 10.26 ng/ml



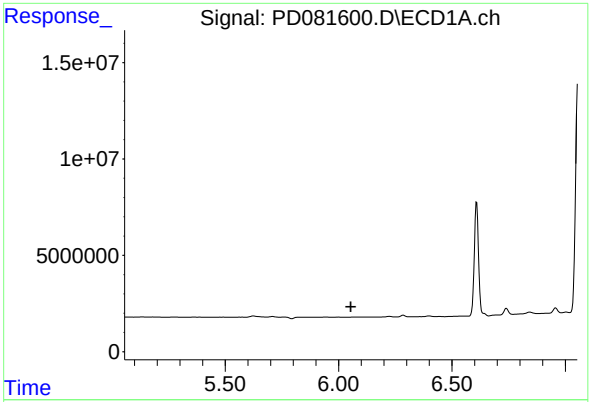
#10 trans-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.975 min
Response: 0
Conc: N.D.



#10 trans-Chlordane

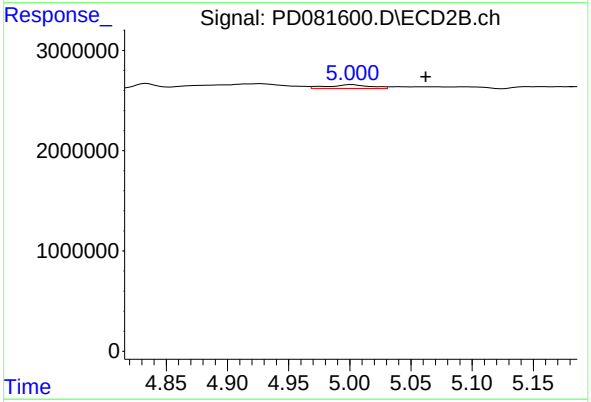
R.T.: 5.001 min
Delta R.T.: 0.004 min
Response: 919791
Conc: 0.29 ng/ml



#11 cis-Chlordane

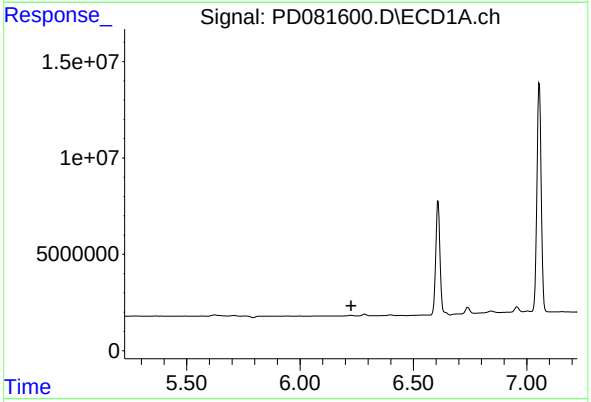
R.T.: 0.000 min
Exp R.T. : 6.054 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM123



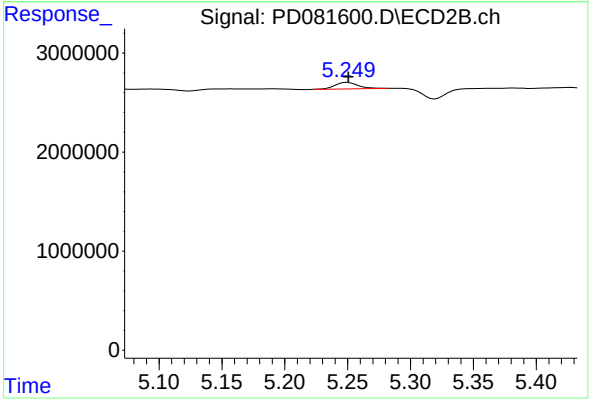
#11 cis-Chlordane

R.T.: 5.001 min
Delta R.T.: -0.061 min
Response: 919791
Conc: 0.29 ng/ml



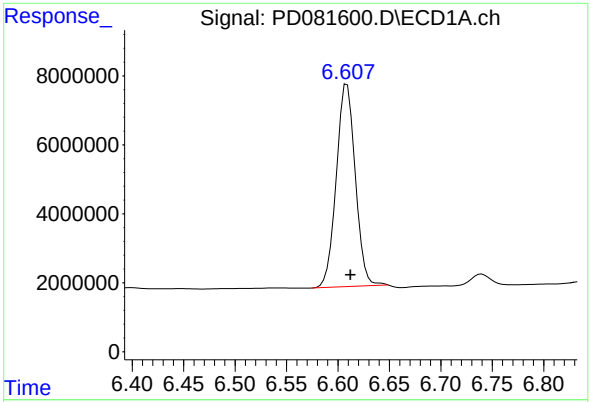
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.225 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

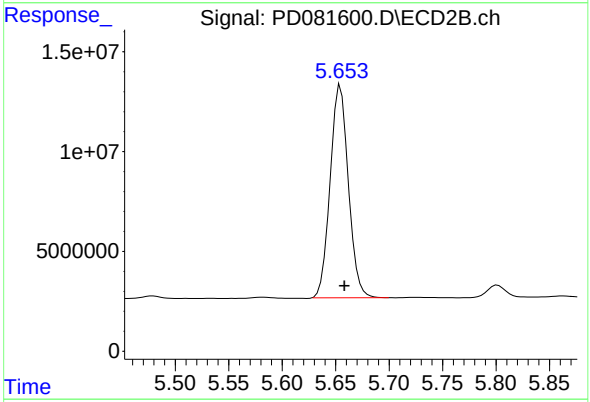
R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 847600
Conc: 0.29 ng/ml



#14 Endrin

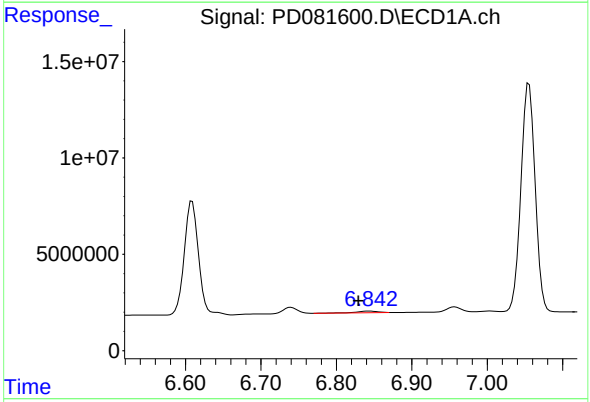
R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 75617232
Conc: 40.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM123



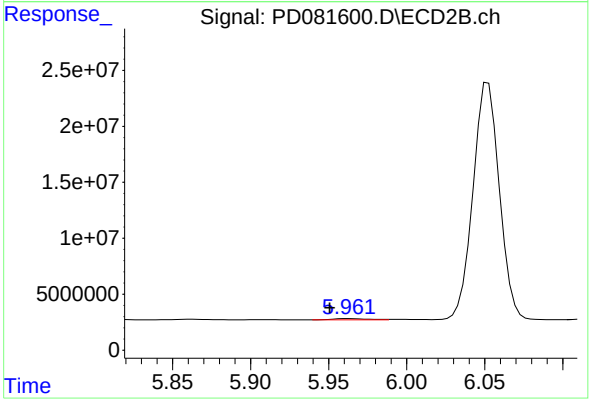
#14 Endrin

R.T.: 5.654 min
Delta R.T.: -0.004 min
Response: 126358932
Conc: 43.98 ng/ml



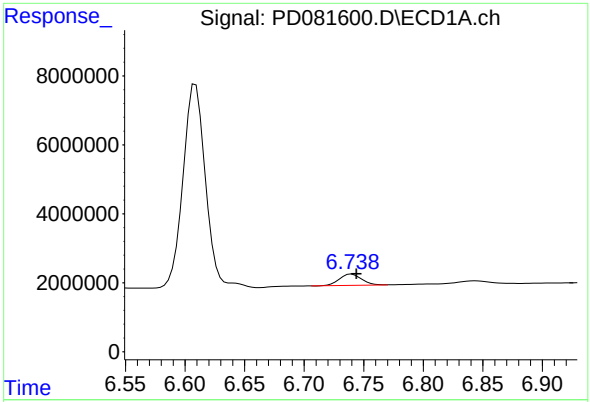
#15 Endosulfan II

R.T.: 6.844 min
Delta R.T.: 0.014 min
Response: 1671519
Conc: 0.87 ng/ml



#15 Endosulfan II

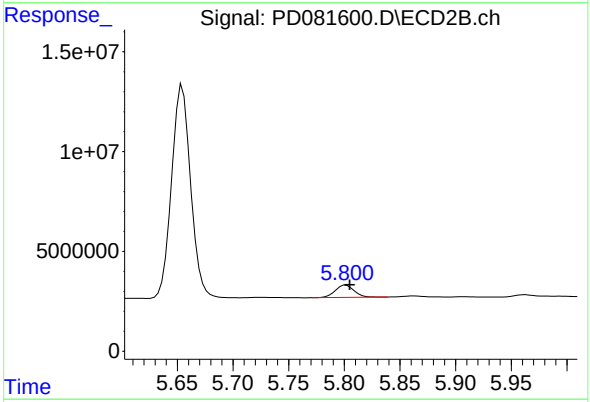
R.T.: 5.963 min
Delta R.T.: 0.012 min
Response: 1671180
Conc: 0.59 ng/ml



#16 4,4'-DDD

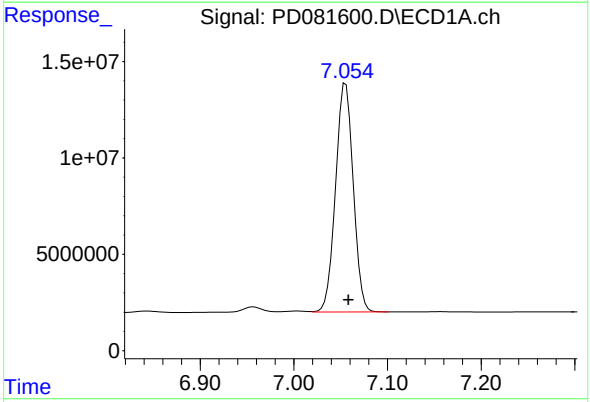
R.T.: 6.740 min
Delta R.T.: -0.004 min
Response: 4264649
Conc: 2.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM123



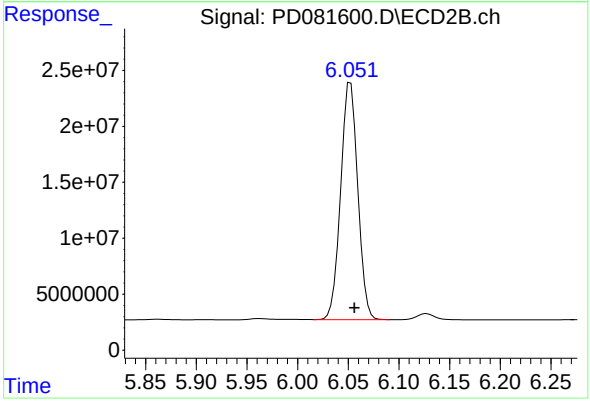
#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: -0.003 min
Response: 7216788
Conc: 2.86 ng/ml



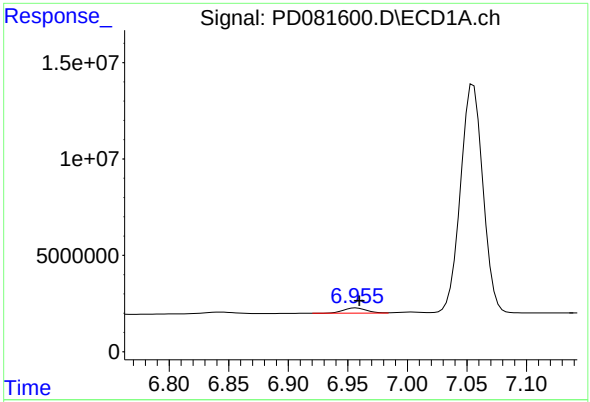
#17 4,4'-DDT

R.T.: 7.055 min
Delta R.T.: -0.003 min
Response: 155664317
Conc: 89.60 ng/ml



#17 4,4'-DDT

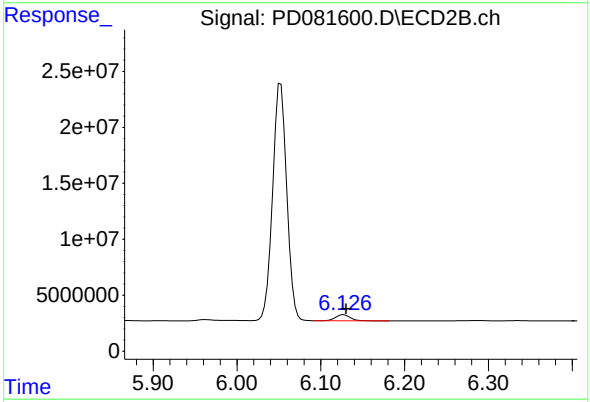
R.T.: 6.052 min
Delta R.T.: -0.004 min
Response: 248809415
Conc: 96.35 ng/ml



#18 Endrin aldehyde

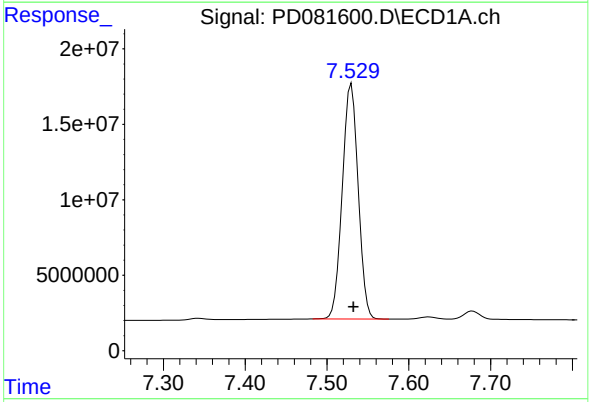
R.T.: 6.957 min
Delta R.T.: -0.003 min
Response: 3725362
Conc: 2.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM123



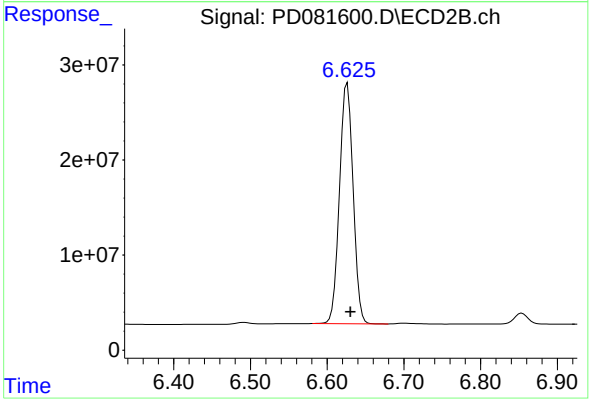
#18 Endrin aldehyde

R.T.: 6.127 min
Delta R.T.: -0.003 min
Response: 6445765
Conc: 2.97 ng/ml



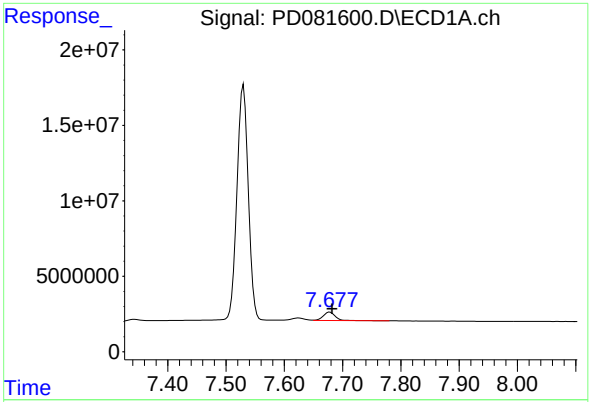
#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: -0.002 min
Response: 209345012
Conc: 228.22 ng/ml



#20 Methoxychlor

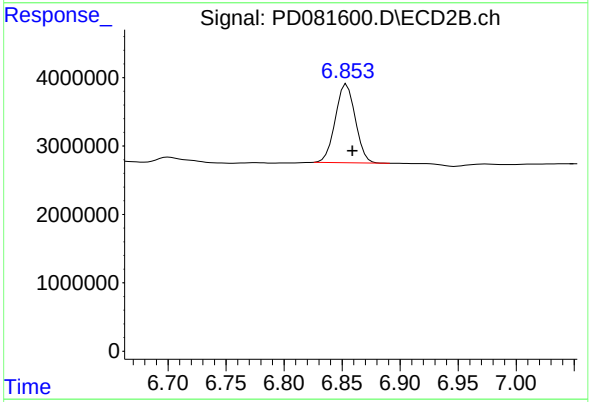
R.T.: 6.626 min
Delta R.T.: -0.004 min
Response: 313161936
Conc: 234.39 ng/ml



#21 Endrin ketone

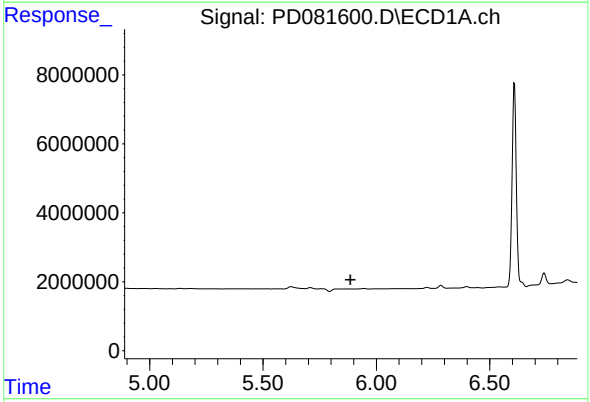
R.T.: 7.678 min
Delta R.T.: -0.004 min
Response: 7885007
Conc: 4.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM123



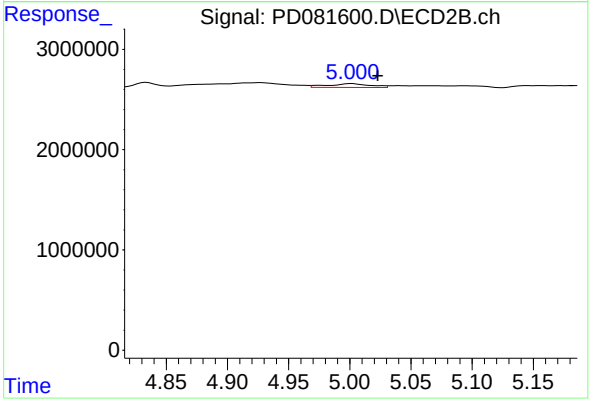
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: -0.005 min
Response: 13786441
Conc: 4.60 ng/ml



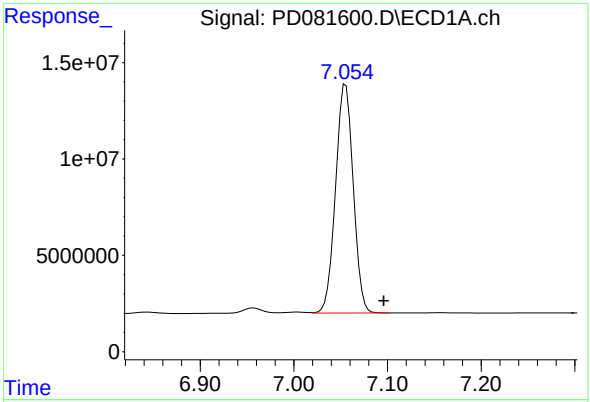
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.886 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

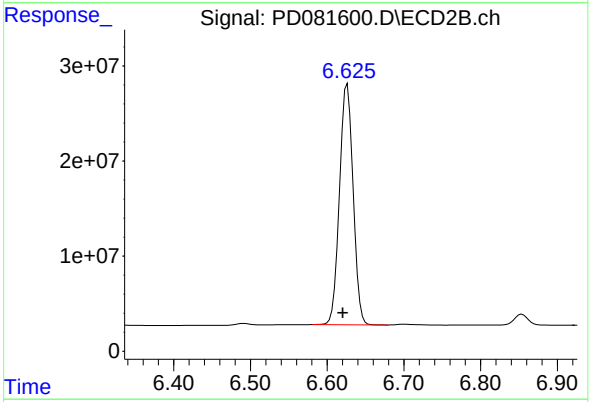
R.T.: 5.001 min
Delta R.T.: -0.022 min
Response: 919791
Conc: 56.18 ng/ml



#24 Toxaphene-3

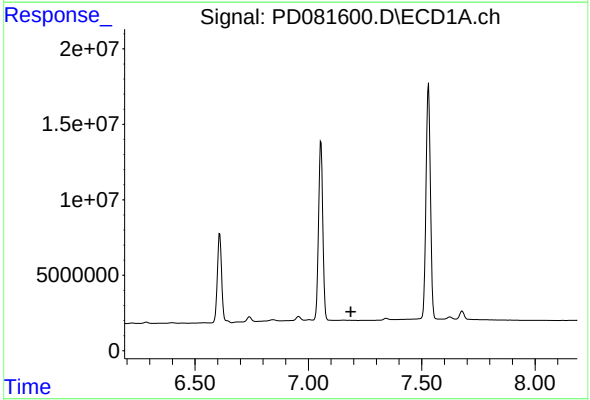
R.T.: 7.055 min
Delta R.T.: -0.040 min
Response: 155664317
Conc: 2943.46 ng/m

Instrument :
ECD_D
ClientSampleId :
PEM123



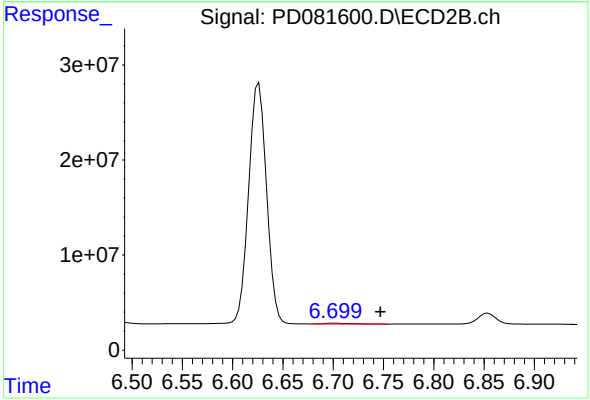
#24 Toxaphene-3

R.T.: 6.626 min
Delta R.T.: 0.006 min
Response: 313161936
Conc: 5350.29 ng/ml



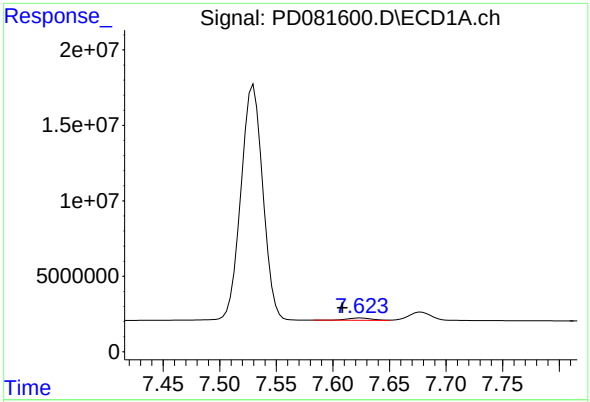
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 7.187 min
Response: 0
Conc: N.D.



#25 Toxaphene-4

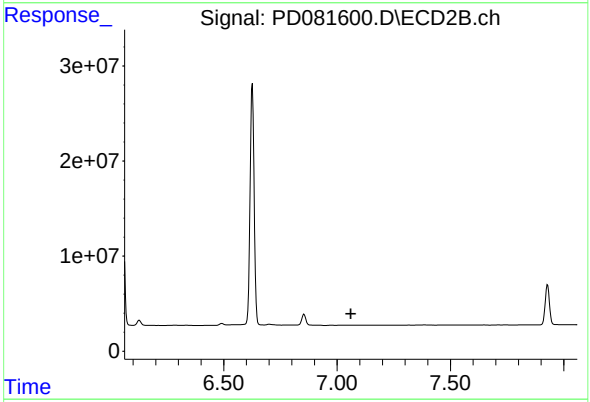
R.T.: 6.701 min
Delta R.T.: -0.046 min
Response: 1324019
Conc: 16.64 ng/ml



#26 Toxaphene-5

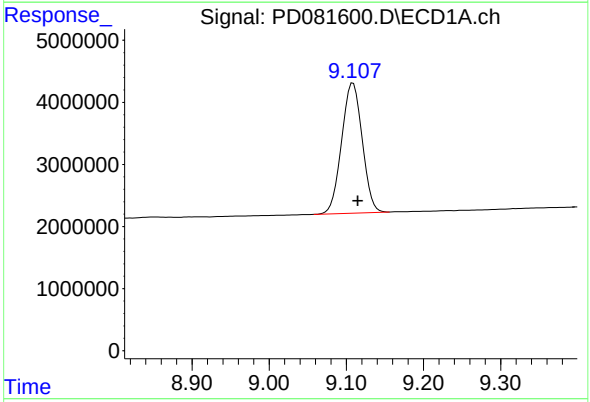
R.T.: 7.625 min
Delta R.T.: 0.016 min
Response: 2298079
Conc: 77.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM123



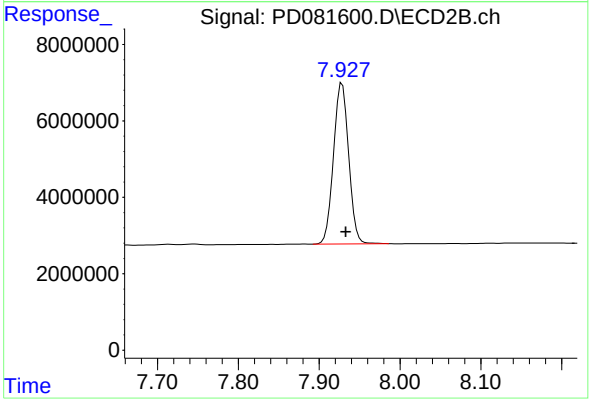
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 7.061 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: -0.006 min
Response: 38831339
Conc: 20.13 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.928 min
Delta R.T.: -0.004 min
Response: 54861047
Conc: 22.12 ng/ml