Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071420\
Data File : PD058602.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2020 09:11
Operator : AJ\MA
Sample : PEM22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : PEM022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 15 00:58:48 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070220CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jul 02 16:12:43 2020
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...	3.210	3.866	33043826	46200652	19.660	20.275	
27)	SA	Decachlor...	7.847	8.861	33812579	39710307	19.126	18.691	
		Target Compounds							
2)	A	alpha-BHC	3.632	4.249	23912846	34125072	9.610	10.082	
3)	MA	gamma-BHC...	3.904	4.529	22433924	29553819	9.620	9.535	
4)	MA	Heptachlor	4.153f	5.035	10085172	-137076	6.371	N.D.	#
5)	MB	Aldrin	4.431	0.000	283904	0	0.133	N.D.	#
6)	B	beta-BHC	4.153	4.701	10085172	15409028	10.641	11.146	
7)	B	delta-BHC	4.344	4.891	141764	1943968	<MDL	0.878	#
8)	B	Heptachlo...	4.814f	5.711	51377	1169495	<MDL	0.452	#
9)	A	Endosulfan I	5.180	6.088	176589	334901	<MDL	0.137	#
10)	B	trans-Chl...	5.077	5.928	202891	198407	0.103	<MDL	#
11)	B	cis-Chlor...	5.116	6.000	148461	73013	<MDL	<MDL	#
12)	B	4,4'-DDE	5.296	6.177	619506	709623	0.308	0.276	
13)	MA	Dieldrin	5.415	6.318	782248	125463	0.454	<MDL	#
14)	MA	Endrin	5.666	6.536	82979500	113.2E6	56.173	49.557	
15)	B	Endosulfa...	5.955	6.762	1194932	813307	0.737	0.360	#
16)	A	4,4'-DDD	5.805	6.666	2607966	960391	2.158	0.442	#
17)	MA	4,4'-DDT	6.037	6.961	154.3E6	220.5E6	108.725	97.787	
18)	B	Endrin al...	6.108	6.870	340615	751977	0.279	0.395	#
19)	B	Endosulfa...	6.317	7.088	151359	653086	<MDL	0.290	#
20)	A	Methoxychlor	6.585	7.422	157.5E6	269.9E6	288.784	230.677	
22)		Toxaphene-1	5.391	6.211	421316	56765	46.747	4.559	#
23)		Toxaphene-2	5.508	6.536	815748	113.2E6	81.340	6834.115	#
24)		Toxaphene-3	5.857	6.870	1677384	751977	226.013	36.387	#
25)		Toxaphene-4	5.955	6.961	1194932	220.5E6	45.032	3684.971	#
26)		Toxaphene-5	6.658	7.507	538873	1448836	17.808	52.138	#

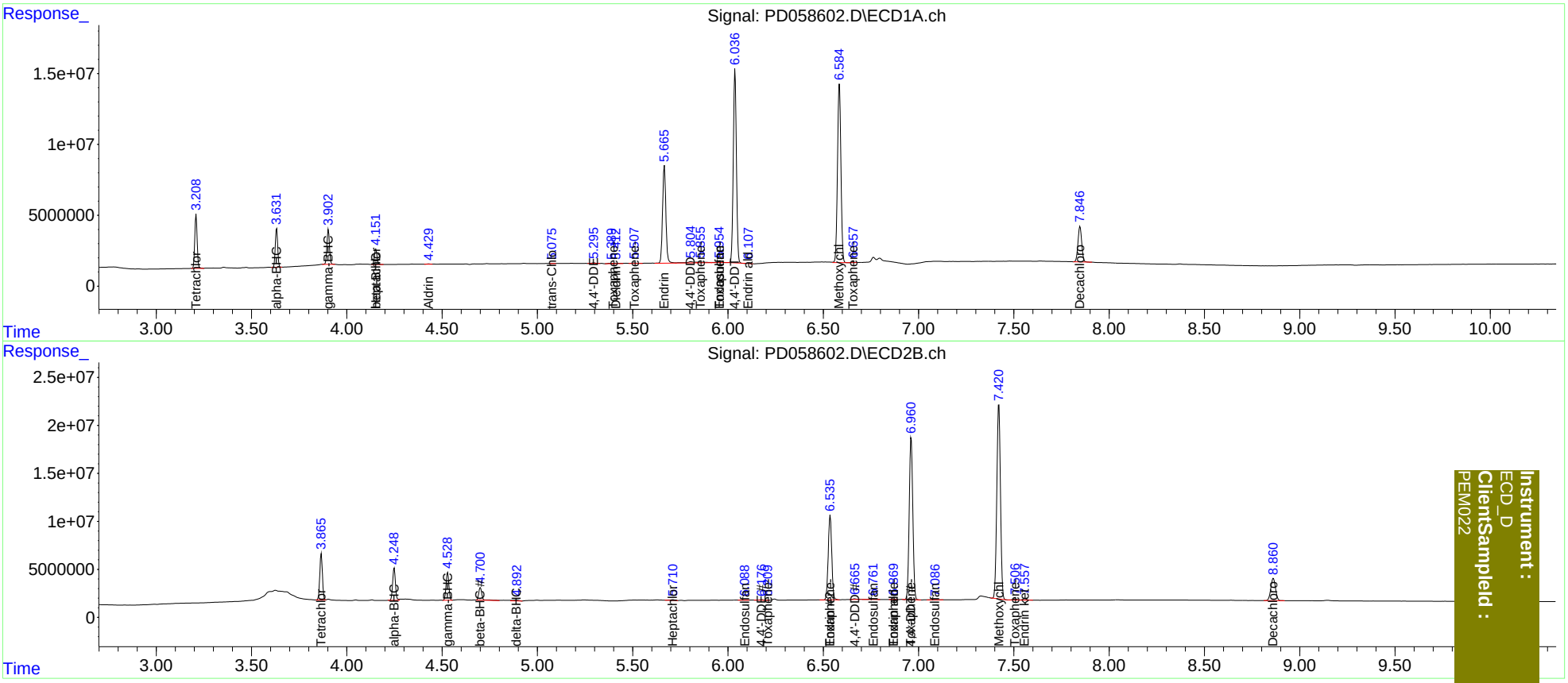
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

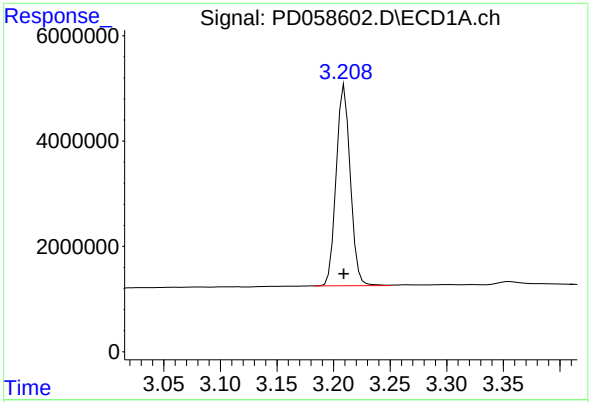
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071420\
Data File : PD058602.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2020 09:11
Operator : AJ\MA
Sample : PEM22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 15 00:58:48 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070220CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jul 02 16:12:43 2020
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

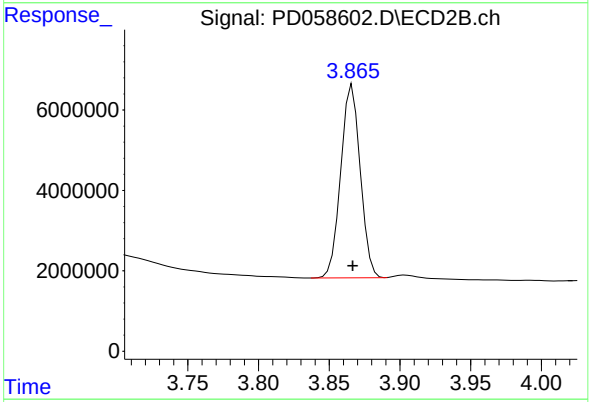




#1 Tetrachloro-m-xylene

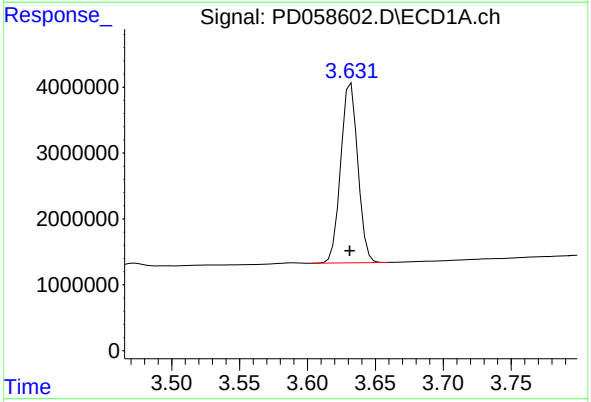
R.T.: 3.210 min
Delta R.T.: 0.000 min
Response: 33043826
Conc: 19.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM022



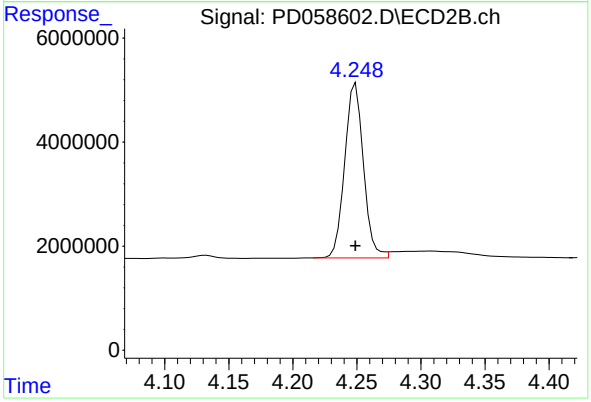
#1 Tetrachloro-m-xylene

R.T.: 3.866 min
Delta R.T.: 0.000 min
Response: 46200652
Conc: 20.27 ng/ml



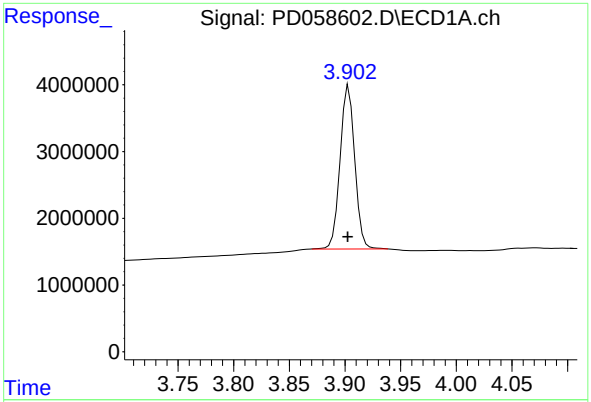
#2 alpha-BHC

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 23912846
Conc: 9.61 ng/ml



#2 alpha-BHC

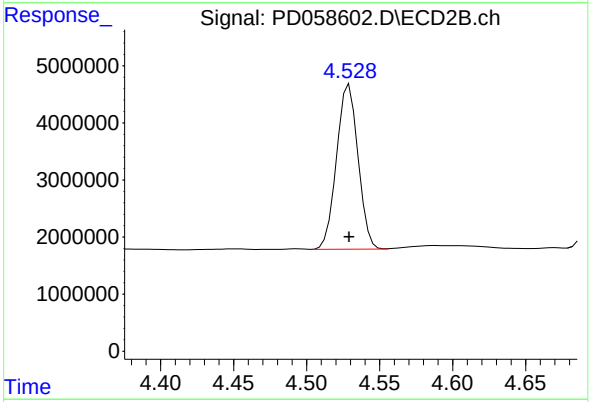
R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 34125072
Conc: 10.08 ng/ml



#3 gamma-BHC (Lindane)

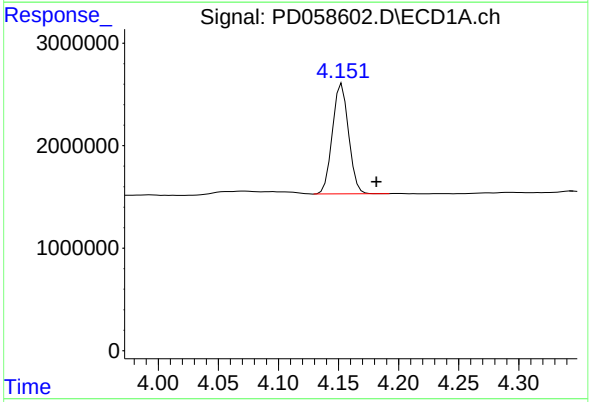
R.T.: 3.904 min
Delta R.T.: 0.000 min
Response: 22433924
Conc: 9.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM022



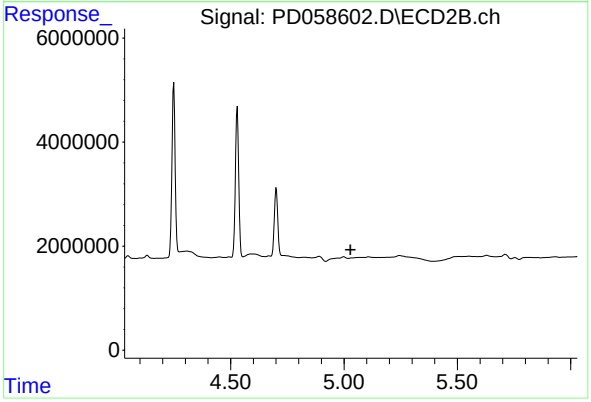
#3 gamma-BHC (Lindane)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 29553819
Conc: 9.54 ng/ml



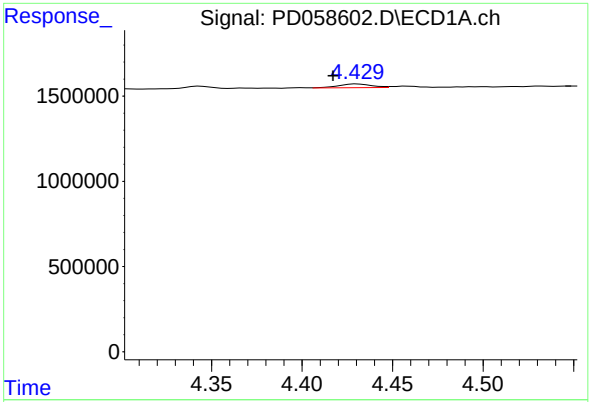
#4 Heptachlor

R.T.: 4.153 min
Delta R.T.: -0.029 min
Response: 10085172
Conc: 6.37 ng/ml



#4 Heptachlor

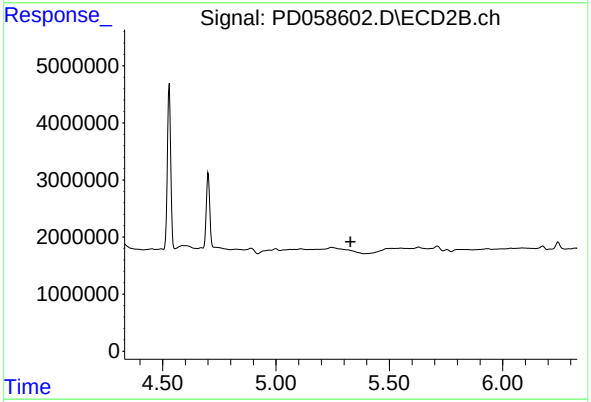
R.T.: 5.035 min
Delta R.T.: 0.006 min
Response: -137076
Conc: N.D.



#5 Aldrin

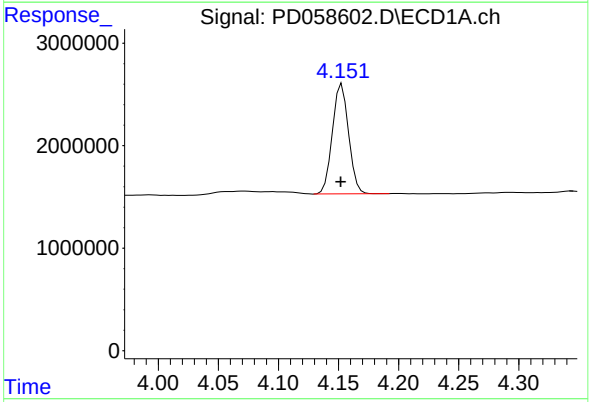
R.T.: 4.431 min
Delta R.T.: 0.013 min
Response: 283904
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM022



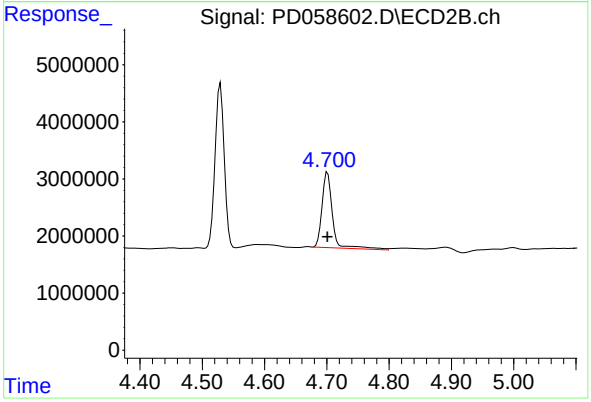
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.329 min
Response: 0
Conc: N.D.



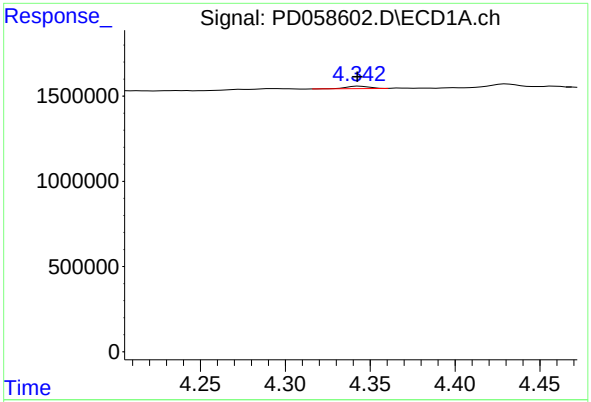
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 10085172
Conc: 10.64 ng/ml



#6 beta-BHC

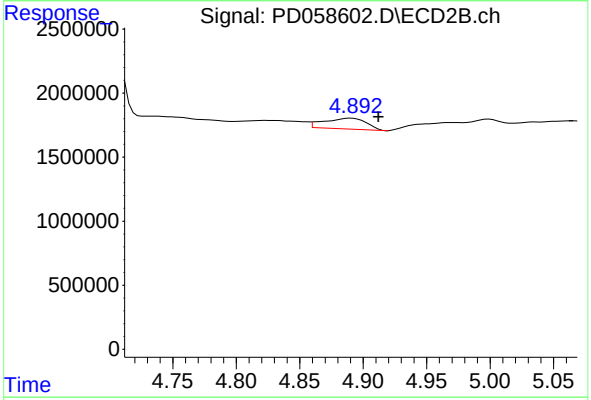
R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 15409028
Conc: 11.15 ng/ml



#7 delta-BHC

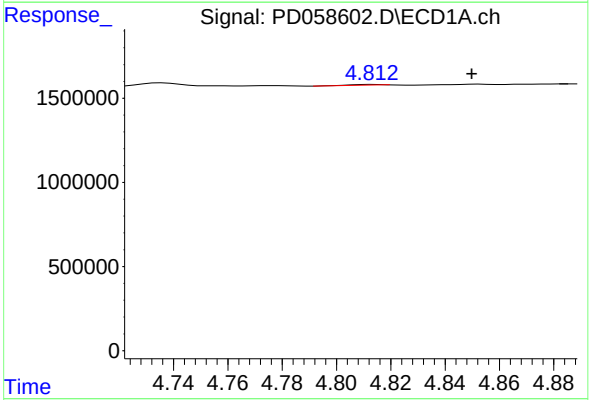
R.T.: 4.344 min
Delta R.T.: 0.001 min
Response: 141764
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM022



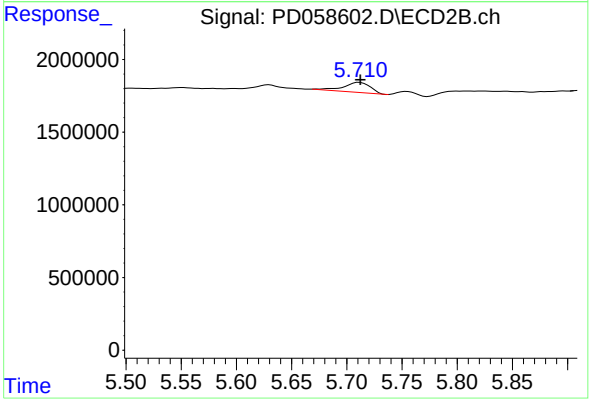
#7 delta-BHC

R.T.: 4.891 min
Delta R.T.: -0.021 min
Response: 1943968
Conc: 0.88 ng/ml



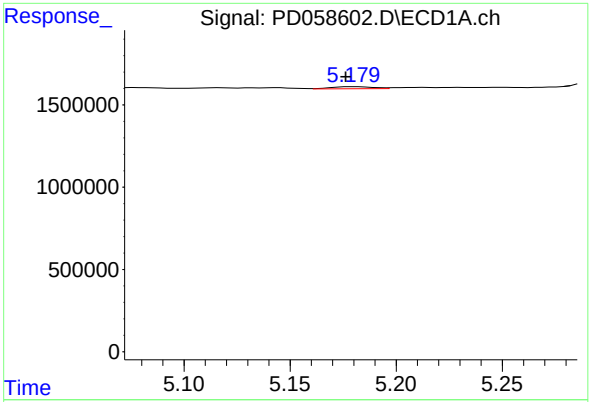
#8 Heptachlor epoxide

R.T.: 4.814 min
Delta R.T.: -0.036 min
Response: 51377
Conc: N.D.



#8 Heptachlor epoxide

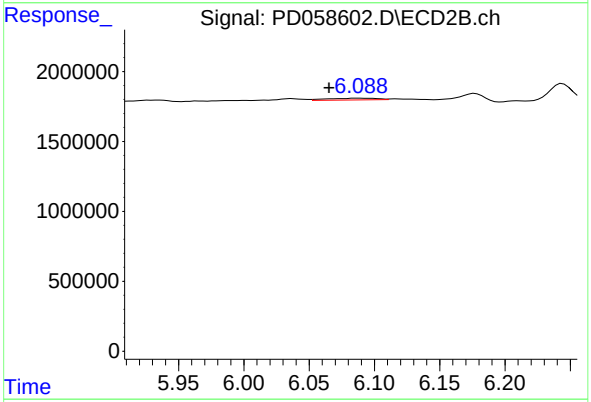
R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 1169495
Conc: 0.45 ng/ml



#9 Endosulfan I

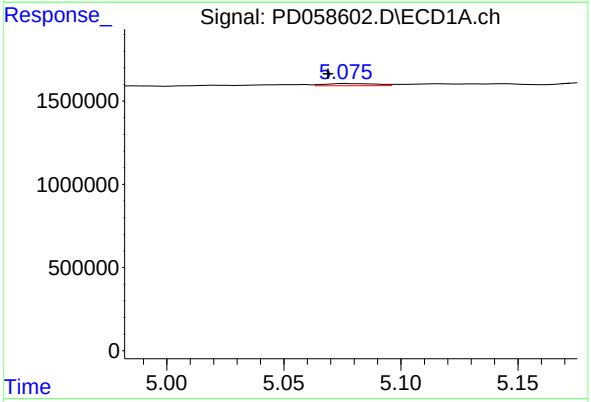
R.T.: 5.180 min
Delta R.T.: 0.004 min
Response: 176589
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM022



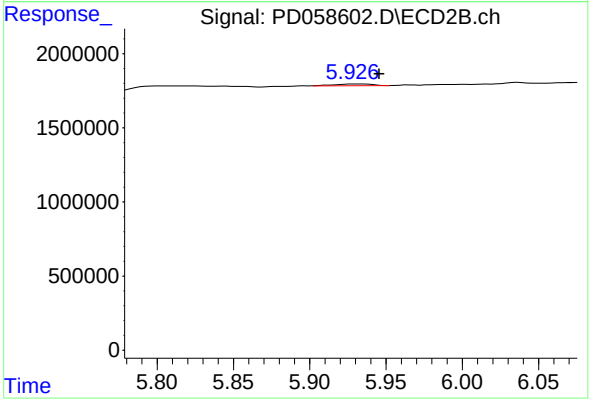
#9 Endosulfan I

R.T.: 6.088 min
Delta R.T.: 0.023 min
Response: 334901
Conc: 0.14 ng/ml



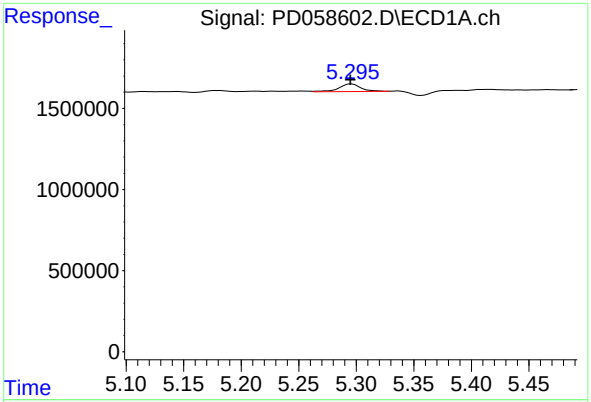
#10 trans-Chlordane

R.T.: 5.077 min
Delta R.T.: 0.008 min
Response: 202891
Conc: 0.10 ng/ml



#10 trans-Chlordane

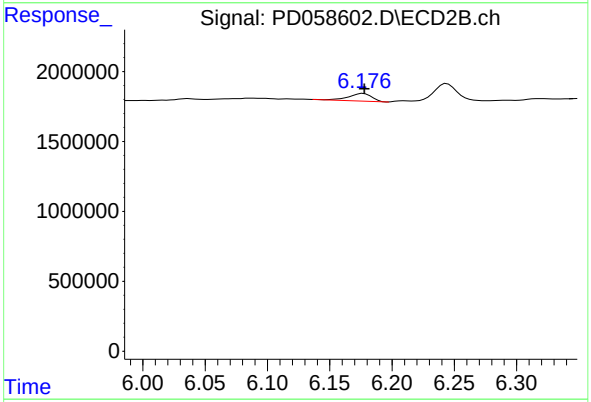
R.T.: 5.928 min
Delta R.T.: -0.017 min
Response: 198407
Conc: N.D.



#12 4,4'-DDE

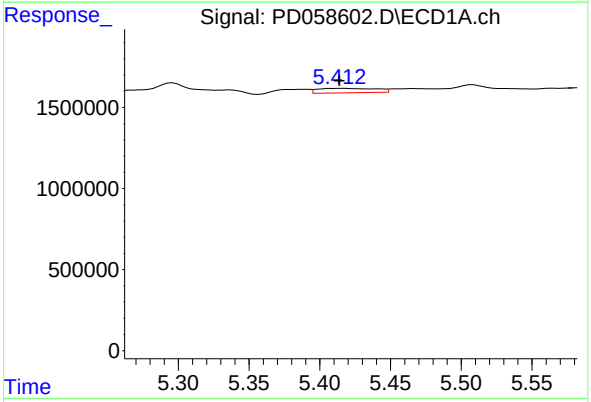
R.T.: 5.296 min
Delta R.T.: 0.001 min
Response: 619506
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM022



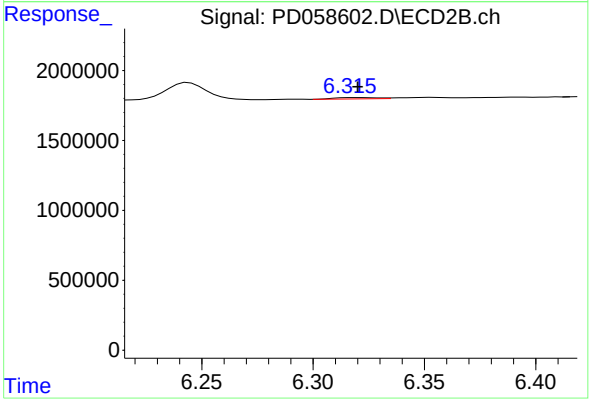
#12 4,4'-DDE

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 709623
Conc: 0.28 ng/ml



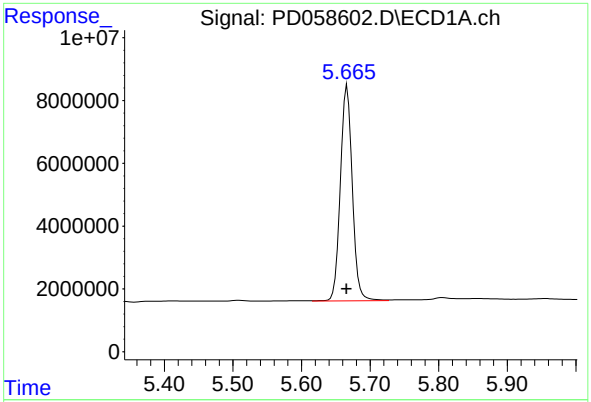
#13 Dieldrin

R.T.: 5.415 min
Delta R.T.: 0.000 min
Response: 782248
Conc: 0.45 ng/ml



#13 Dieldrin

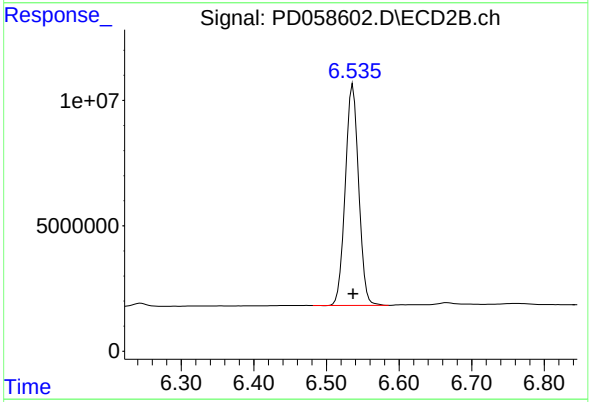
R.T.: 6.318 min
Delta R.T.: -0.002 min
Response: 125463
Conc: N.D.



#14 Endrin

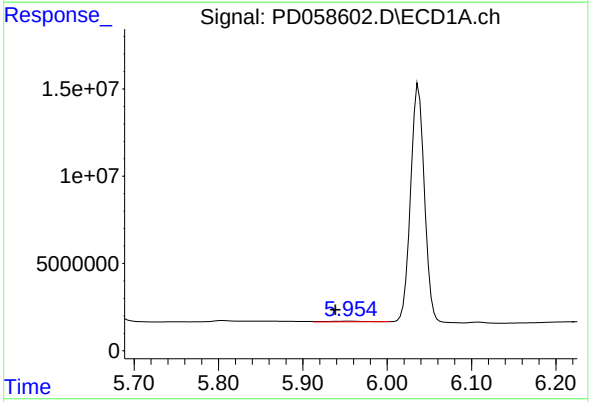
R.T.: 5.666 min
Delta R.T.: 0.001 min
Response: 82979500
Conc: 56.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM022



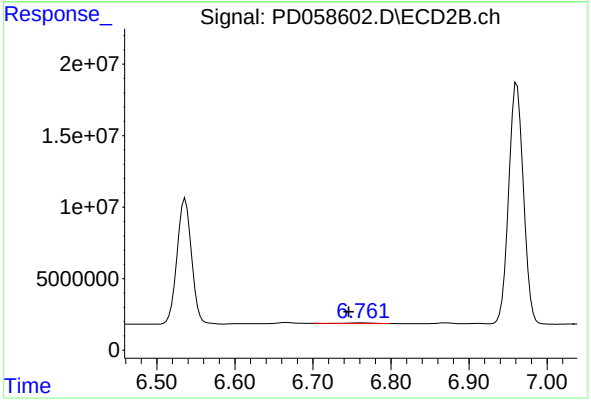
#14 Endrin

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 113192168
Conc: 49.56 ng/ml



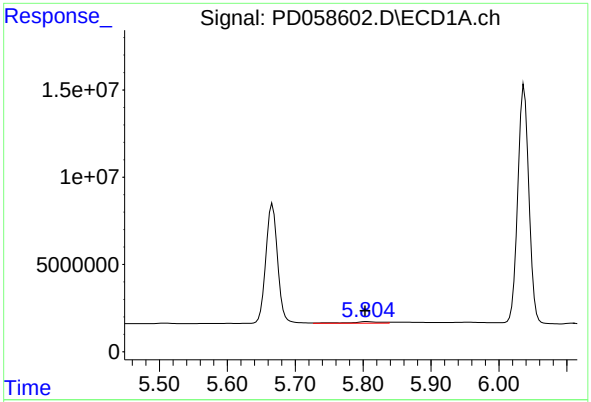
#15 Endosulfan II

R.T.: 5.955 min
Delta R.T.: 0.016 min
Response: 1194932
Conc: 0.74 ng/ml



#15 Endosulfan II

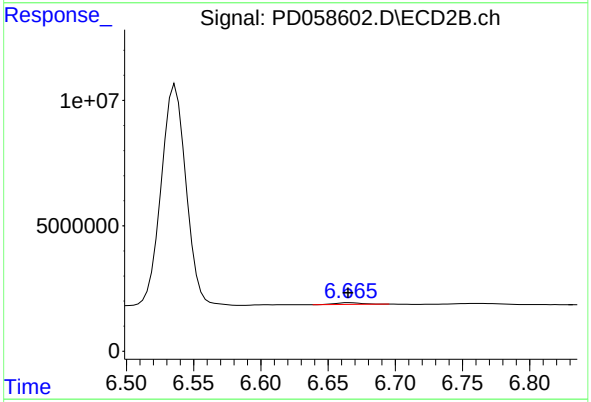
R.T.: 6.762 min
Delta R.T.: 0.016 min
Response: 813307
Conc: 0.36 ng/ml



#16 4,4'-DDD

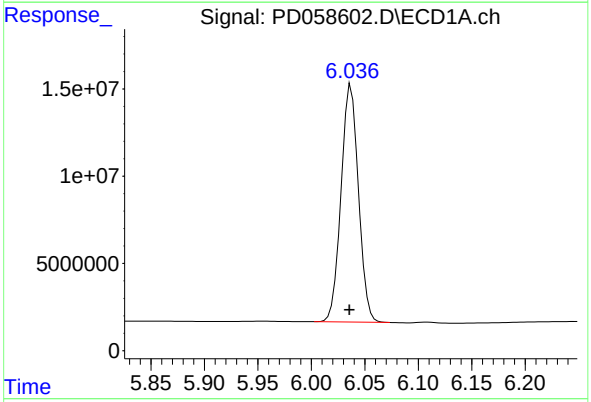
R.T.: 5.805 min
Delta R.T.: 0.003 min
Response: 2607966
Conc: 2.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM022



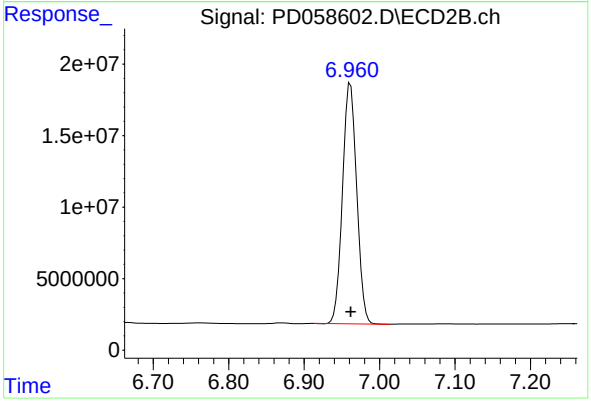
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.001 min
Response: 960391
Conc: 0.44 ng/ml



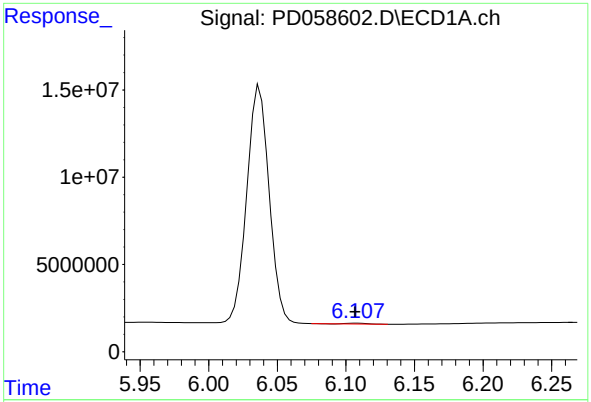
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.001 min
Response: 154308486
Conc: 108.72 ng/ml



#17 4,4'-DDT

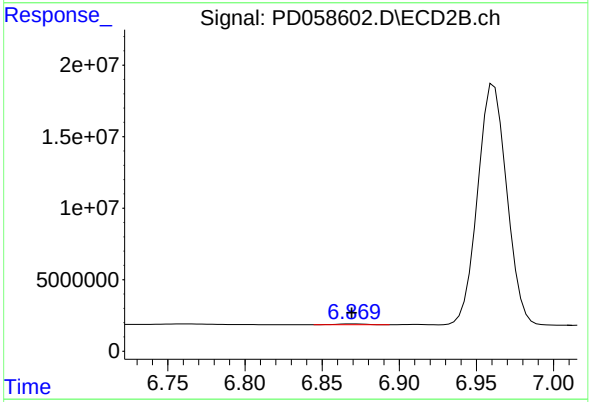
R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 220463237
Conc: 97.79 ng/ml



#18 Endrin aldehyde

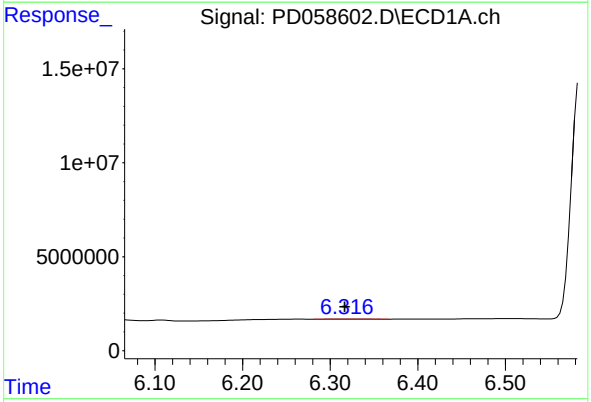
R.T.: 6.108 min
Delta R.T.: 0.001 min
Response: 340615
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM022



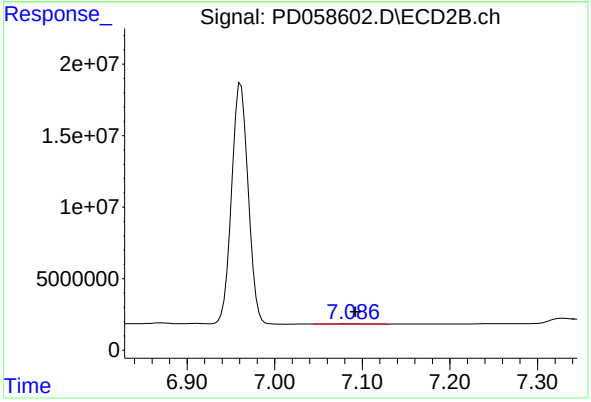
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: 0.001 min
Response: 751977
Conc: 0.39 ng/ml



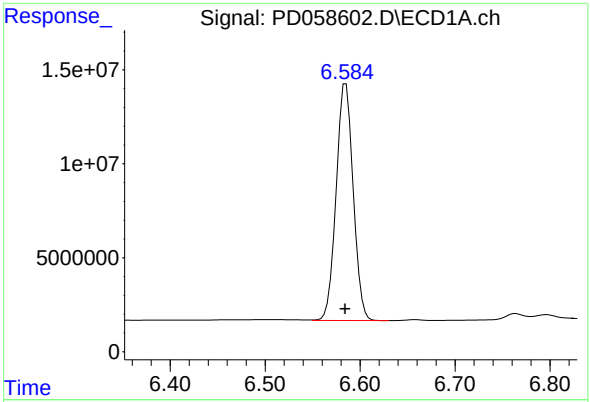
#19 Endosulfan Sulfate

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 151359
Conc: N.D.



#19 Endosulfan Sulfate

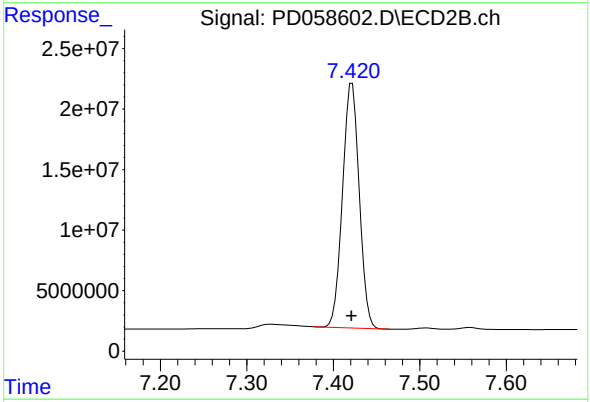
R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 653086
Conc: 0.29 ng/ml



#20 Methoxychlor

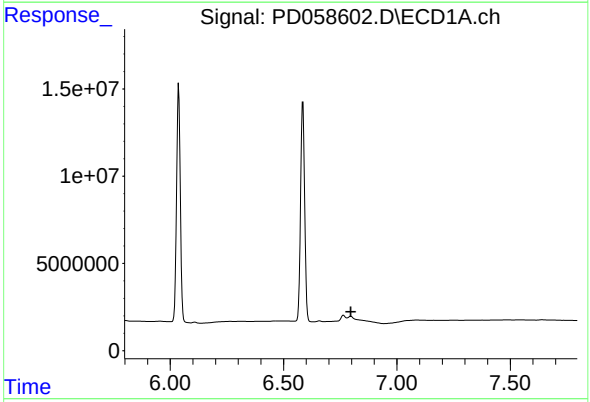
R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 157500937
Conc: 288.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM022



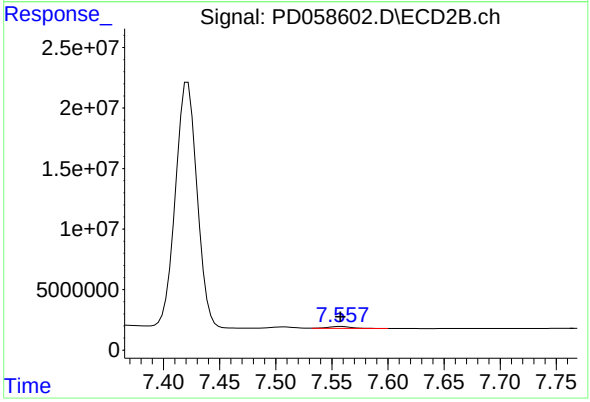
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 269854120
Conc: 230.68 ng/ml



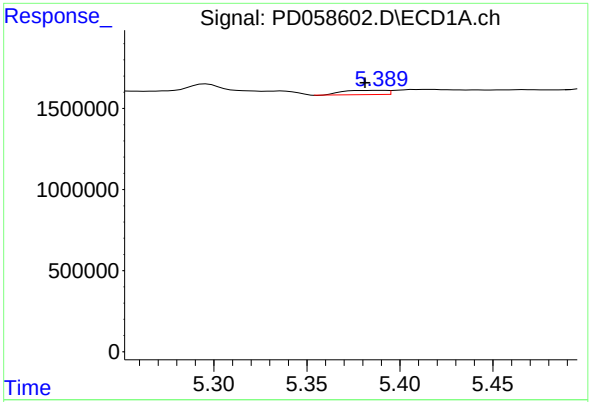
#21 Endrin ketone

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: -1597721
Conc: N.D.



#21 Endrin ketone

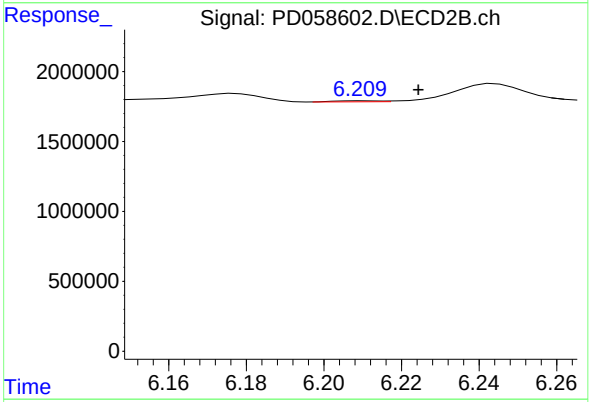
R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 2065705
Conc: 0.86 ng/ml



#22 Toxaphene-1

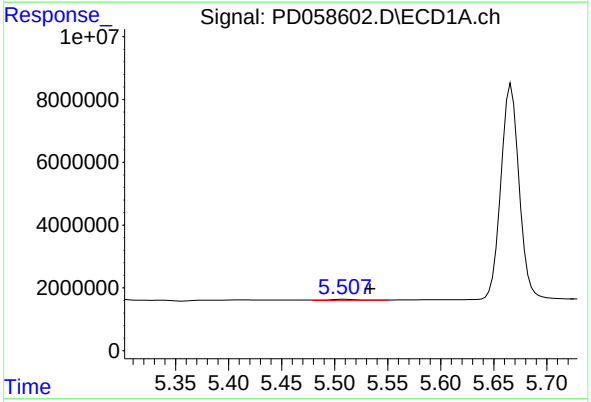
R.T.: 5.391 min
Delta R.T.: 0.010 min
Response: 421316
Conc: 46.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM022



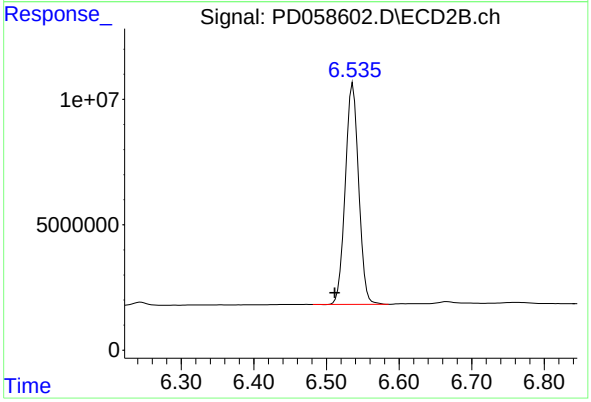
#22 Toxaphene-1

R.T.: 6.211 min
Delta R.T.: -0.013 min
Response: 56765
Conc: 4.56 ng/ml



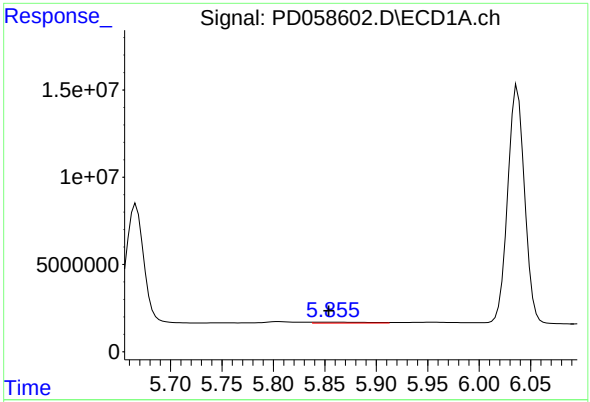
#23 Toxaphene-2

R.T.: 5.508 min
Delta R.T.: -0.025 min
Response: 815748
Conc: 81.34 ng/ml



#23 Toxaphene-2

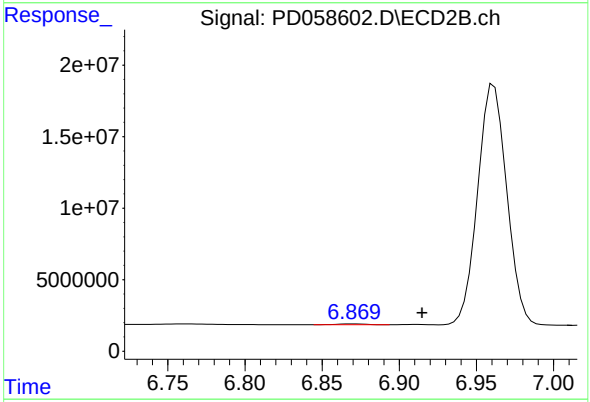
R.T.: 6.536 min
Delta R.T.: 0.025 min
Response: 113192168
Conc: 6834.12 ng/ml



#24 Toxaphene-3

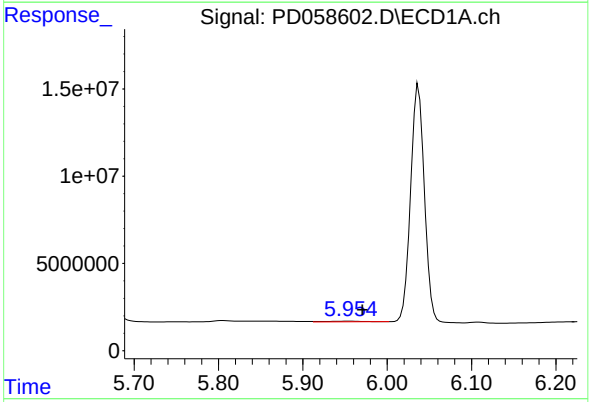
R.T.: 5.857 min
Delta R.T.: 0.003 min
Response: 1677384
Conc: 226.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM022



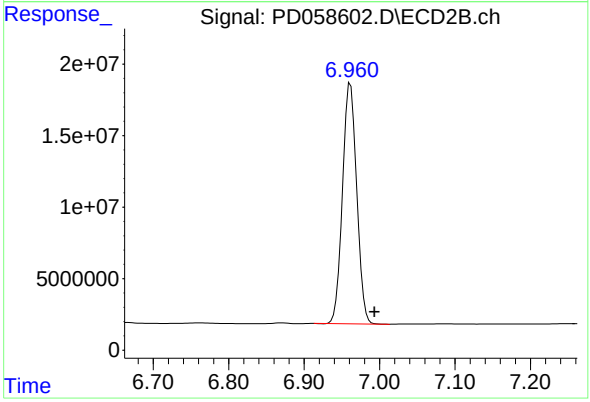
#24 Toxaphene-3

R.T.: 6.870 min
Delta R.T.: -0.044 min
Response: 751977
Conc: 36.39 ng/ml



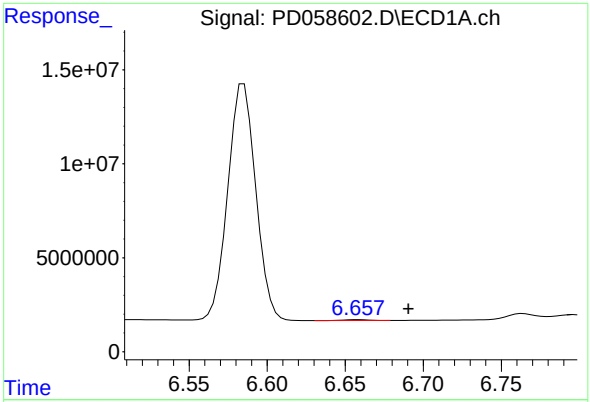
#25 Toxaphene-4

R.T.: 5.955 min
Delta R.T.: -0.016 min
Response: 1194932
Conc: 45.03 ng/ml



#25 Toxaphene-4

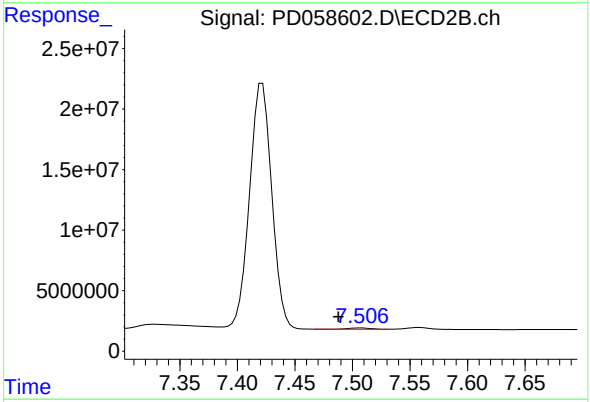
R.T.: 6.961 min
Delta R.T.: -0.032 min
Response: 220463237
Conc: 3684.97 ng/ml



#26 Toxaphene-5

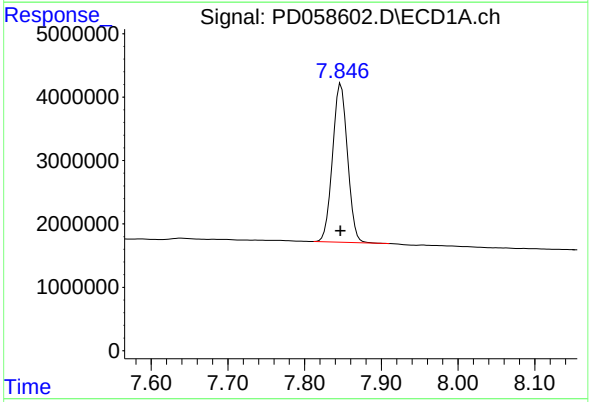
R.T.: 6.658 min
Delta R.T.: -0.032 min
Response: 538873
Conc: 17.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM022



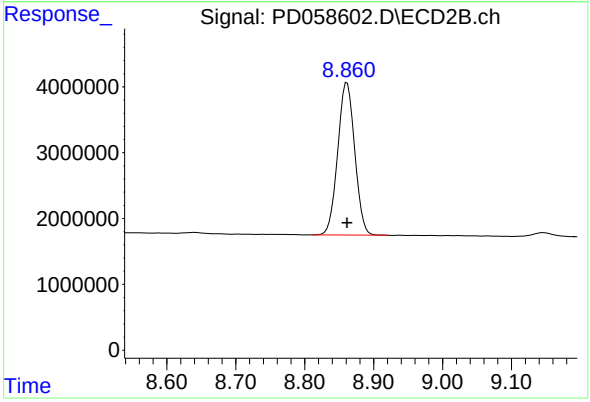
#26 Toxaphene-5

R.T.: 7.507 min
Delta R.T.: 0.020 min
Response: 1448836
Conc: 52.14 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.847 min
Delta R.T.: 0.000 min
Response: 33812579
Conc: 19.13 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 39710307
Conc: 18.69 ng/ml