Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061820\
Data File : PL059320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2020 12:01
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_L
ClientSampleId : PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 17:29:34 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060320.M
Quant Title : GC Extractables
QLast Update : Thu Jun 04 08:16:22 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.518	4.070	37560097	56925715	21.751	21.878	
28)	SA Decachlor...	8.289	9.180	33185496	47326722	20.181	19.965	
	Target Compounds							
2)	A alpha-BHC	3.959	4.462	24976601	36919946	9.977	9.606	
3)	MA gamma-BHC...	4.244	4.750	21143269	34315693	9.641	9.404	
4)	MA Heptachlor	0.000	5.260	0	725660	N.D.	0.210	#
5)	MB Aldrin	4.791	5.566	656268	242616	0.368	0.077	#
6)	B beta-BHC	4.493	4.918	10281766	16341027	10.821	10.806	
7)	B delta-BHC	0.000	5.111f	0	1829983	N.D.	0.652	#
8)	B Heptachlo...	5.250	5.951	8162117	36859650	4.778	13.307	#
9)	A Endosulfan I	5.579	6.311	727791	1410634	0.465	0.504	
10)	B gamma-Chl...	5.491	6.198	1203062	10500711	0.718	3.509	#
11)	B alpha-Chl...	5.559f	6.282	841375	4949401	0.504	1.628	#
12)	B 4,4'-DDE	5.724f	6.423	3725478	393606	2.450	0.141	#
13)	MA Dieldrin	0.000	6.586	0	568837	N.D.	0.195	#
14)	MA Endrin	6.085	6.794	74045400	110.5E6	48.870	44.367	
15)	B Endosulfa...	6.356	7.006	806714	2042188	0.522	0.784	#
16)	A 4,4'-DDD	6.209	6.913	3909980	5238357	2.958	2.257	
17)	MA 4,4'-DDT	6.451	7.214	134.2E6	227.0E6	106.380	99.680	
18)	B Endrin al...	6.524	7.128	923573	842402	0.701	0.368	#
20)	A Methoxychlor	6.997	7.670	233.3E6	378.2E6	303.678	286.801	
21)	B Endrin ke...	7.229	7.824	2548918	3998508	1.468	1.524	
22)	Mirex	7.407f	0.000	377257	0	0.273	N.D.	#
23)	Chlordane-1	4.424f	5.052f	739711	843576	14.705	8.350	#
24)	Chlordane-2	4.919f	5.566f	3237379	242616	62.042	2.543	#
25)	Chlordane-3	5.491	6.198	1203062	10500711	8.142	28.003	#
26)	Chlordane-4	5.559f	6.282	841375	4949401	7.014	10.877	#
27)	Chlordane-5	6.356f	0.000	806714	0	16.211	N.D.	#

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

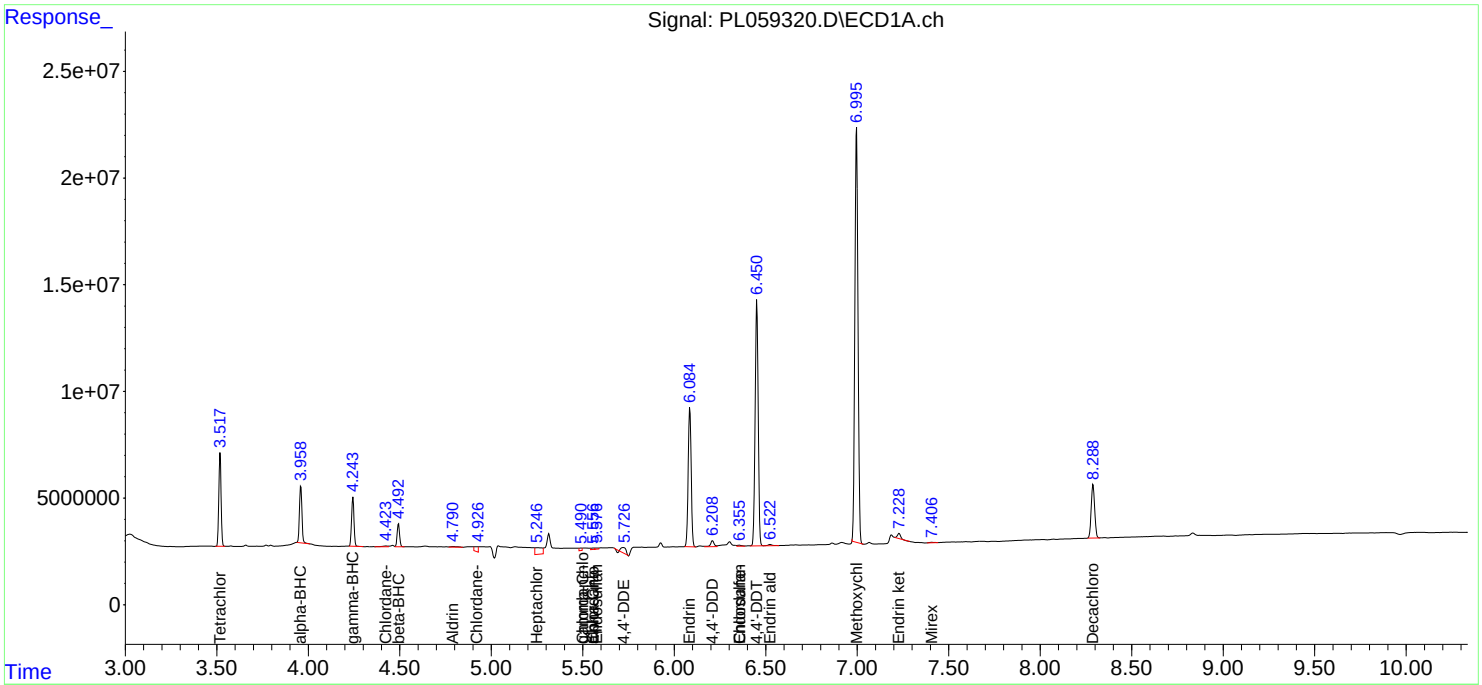
Quantitation Report (Not Reviewed)

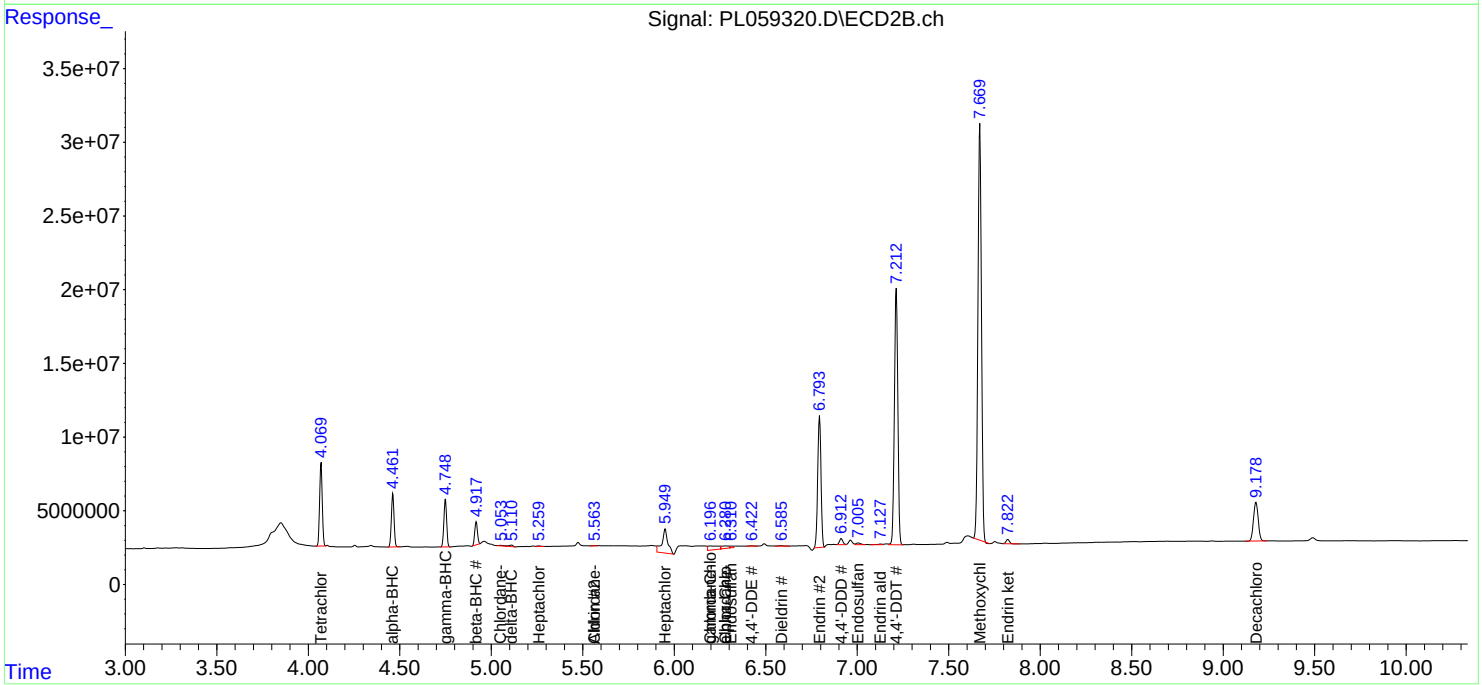
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061820\
Data File : PL059320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2020 12:01
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

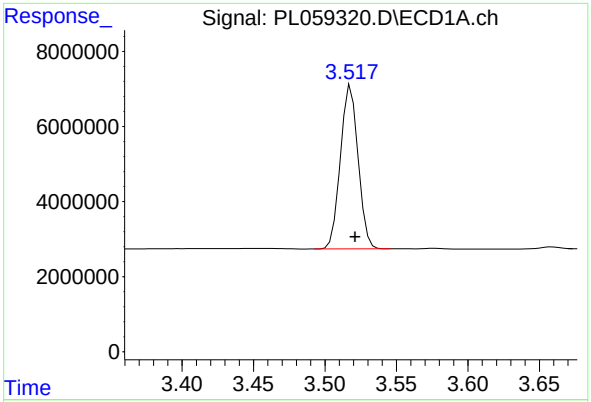
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 17:29:34 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060320.M
Quant Title : GC Extractables
QLast Update : Thu Jun 04 08:16:22 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 x0.5µm



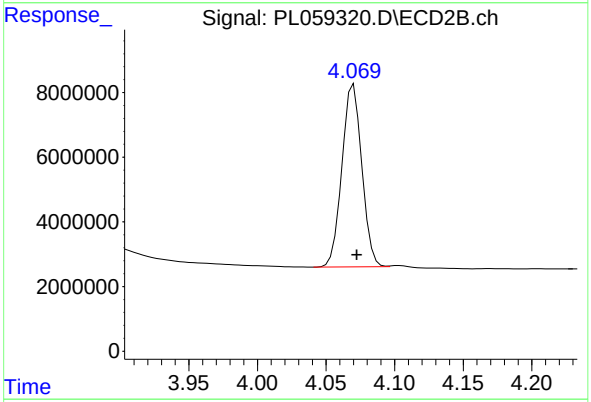




#1 Tetrachloro-m-xylene

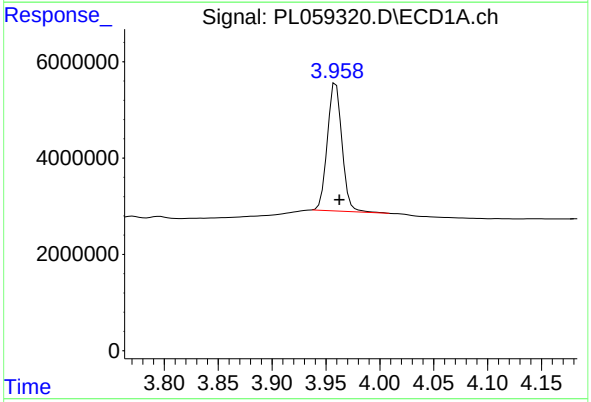
R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 37560097
Conc: 21.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



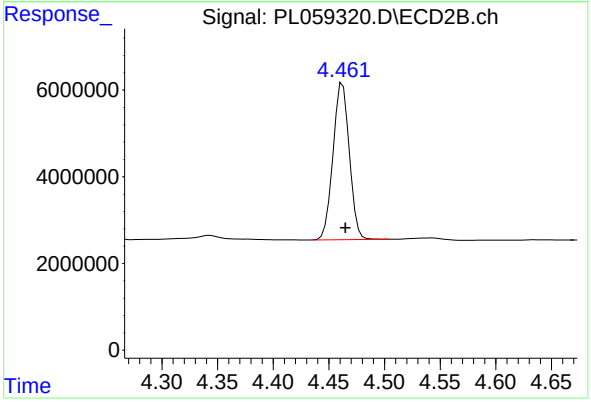
#1 Tetrachloro-m-xylene

R.T.: 4.070 min
Delta R.T.: -0.002 min
Response: 56925715
Conc: 21.88 ng/ml



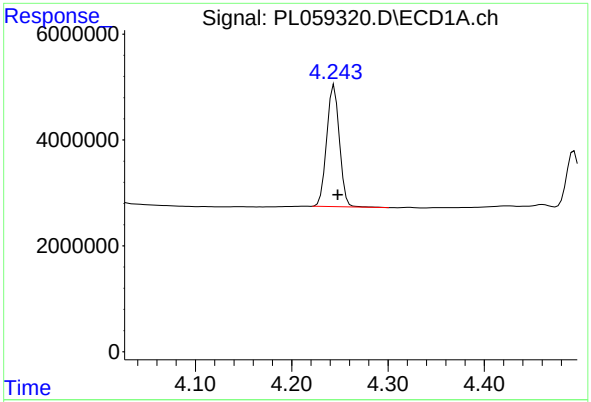
#2 alpha-BHC

R.T.: 3.959 min
Delta R.T.: -0.003 min
Response: 24976601
Conc: 9.98 ng/ml



#2 alpha-BHC

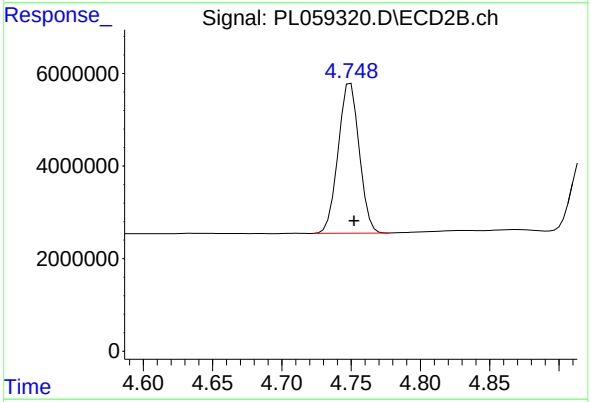
R.T.: 4.462 min
Delta R.T.: -0.002 min
Response: 36919946
Conc: 9.61 ng/ml



#3 gamma-BHC (Lindane)

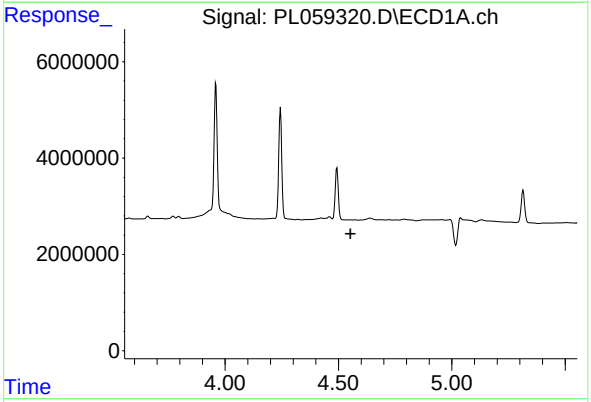
R.T.: 4.244 min
Delta R.T.: -0.004 min
Response: 21143269
Conc: 9.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



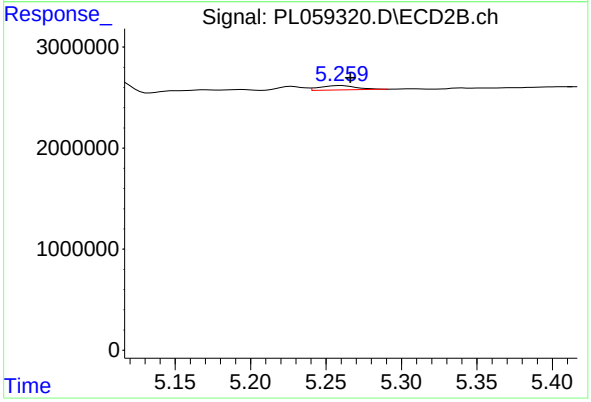
#3 gamma-BHC (Lindane)

R.T.: 4.750 min
Delta R.T.: -0.003 min
Response: 34315693
Conc: 9.40 ng/ml



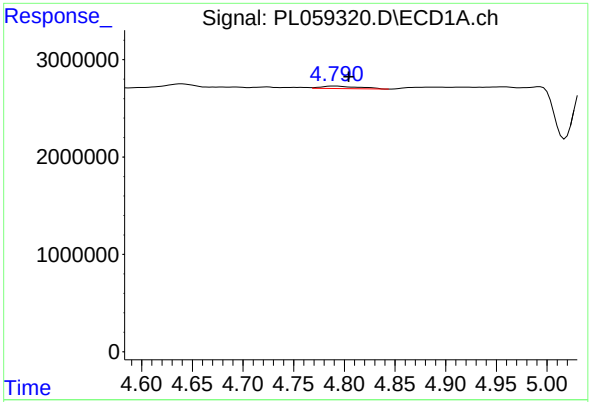
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.554 min
Response: 0
Conc: N.D.



#4 Heptachlor

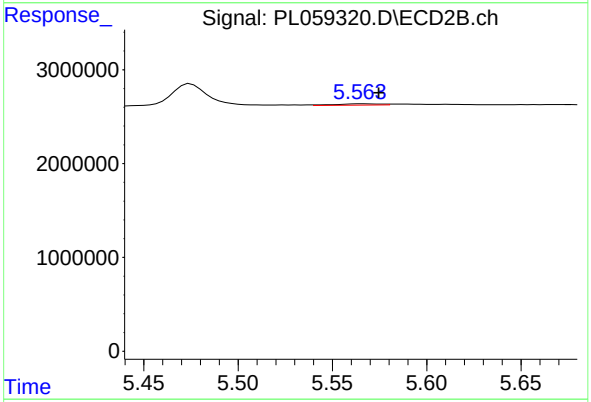
R.T.: 5.260 min
Delta R.T.: -0.006 min
Response: 725660
Conc: 0.21 ng/ml



#5 Aldrin

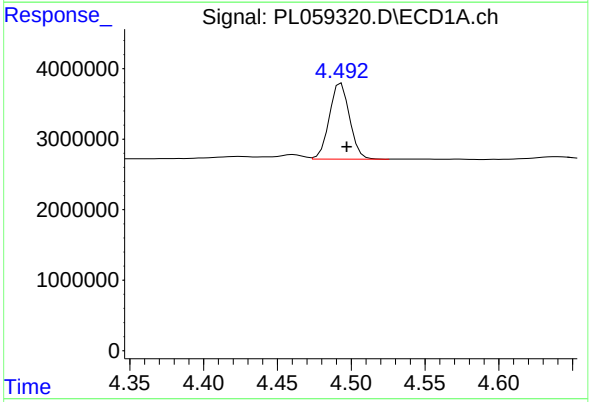
R.T.: 4.791 min
Delta R.T.: -0.014 min
Response: 656268
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



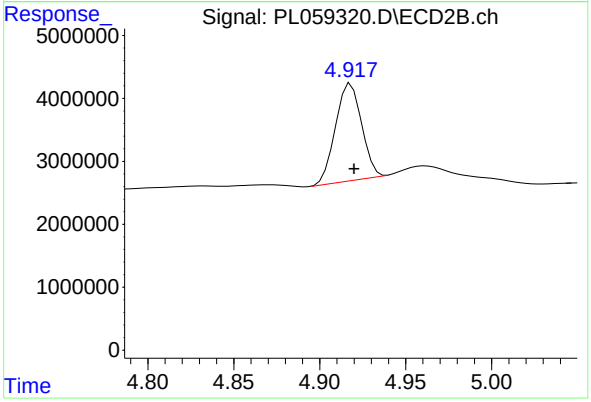
#5 Aldrin

R.T.: 5.566 min
Delta R.T.: -0.009 min
Response: 242616
Conc: 0.08 ng/ml



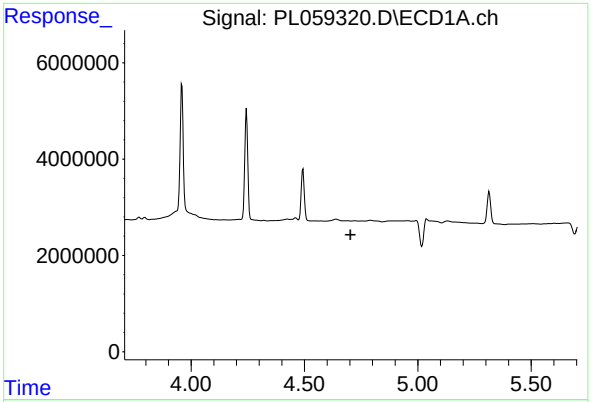
#6 beta-BHC

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 10281766
Conc: 10.82 ng/ml



#6 beta-BHC

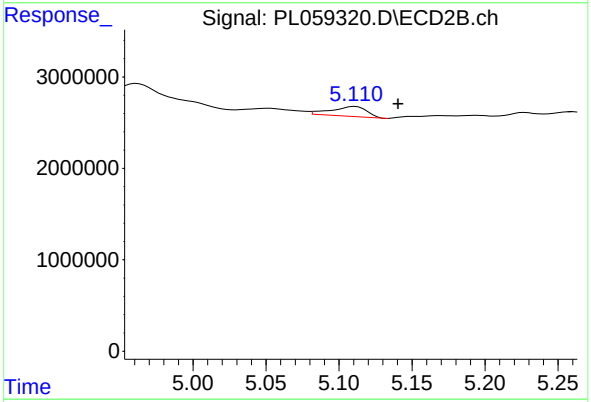
R.T.: 4.918 min
Delta R.T.: -0.002 min
Response: 16341027
Conc: 10.81 ng/ml



#7 delta-BHC

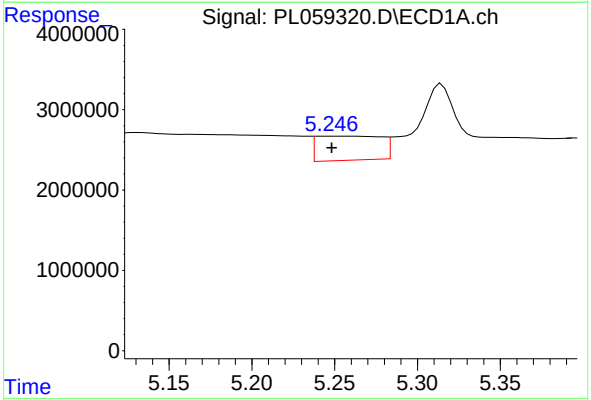
R.T.: 0.000 min
Exp R.T. : 4.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



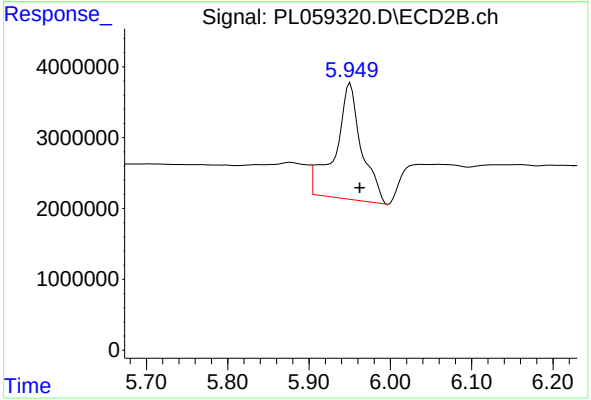
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: -0.029 min
Response: 1829983
Conc: 0.65 ng/ml



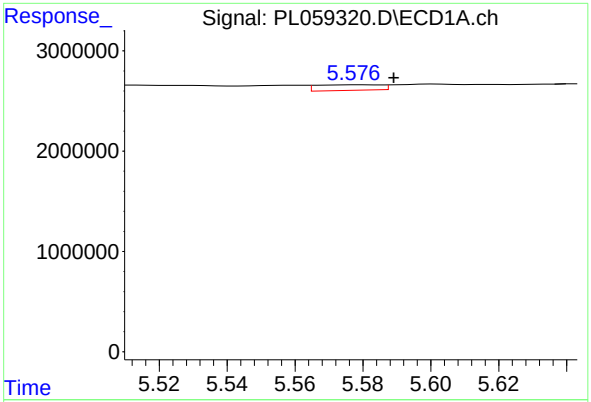
#8 Heptachlor epoxide

R.T.: 5.250 min
Delta R.T.: 0.001 min
Response: 8162117
Conc: 4.78 ng/ml



#8 Heptachlor epoxide

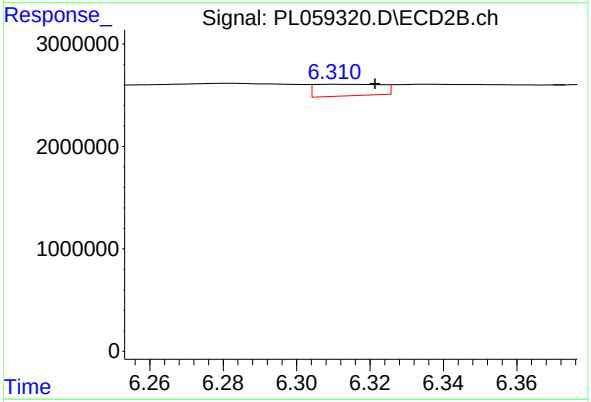
R.T.: 5.951 min
Delta R.T.: -0.012 min
Response: 36859650
Conc: 13.31 ng/ml



#9 Endosulfan I

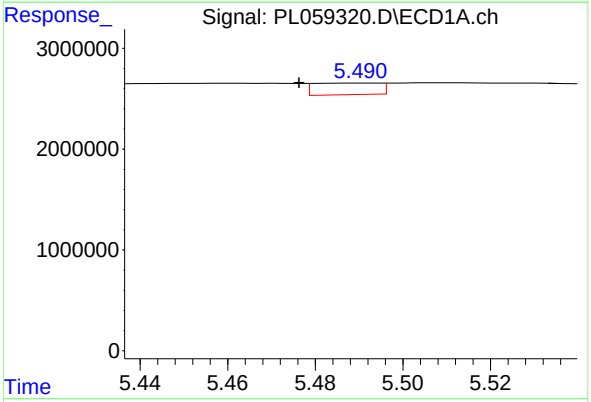
R.T.: 5.579 min
Delta R.T.: -0.010 min
Response: 727791
Conc: 0.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



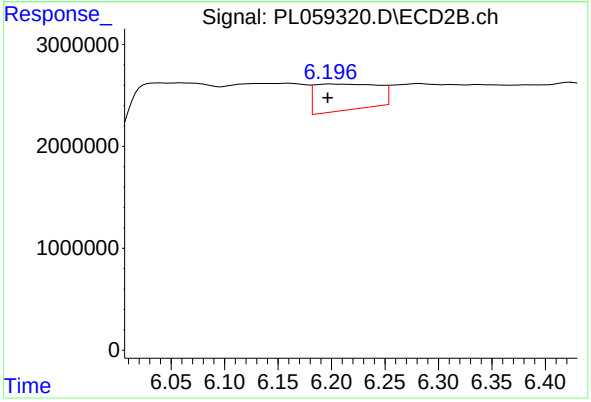
#9 Endosulfan I

R.T.: 6.311 min
Delta R.T.: -0.010 min
Response: 1410634
Conc: 0.50 ng/ml



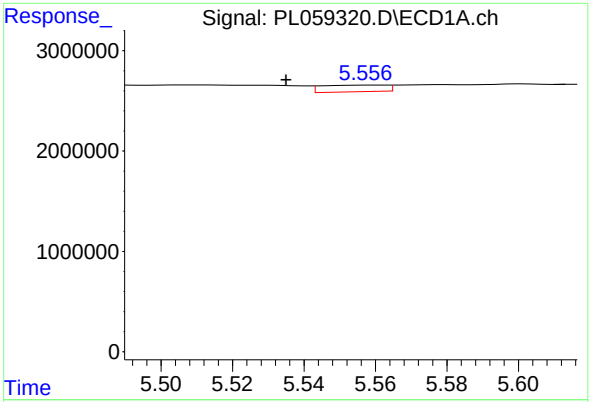
#10 gamma-Chlordane

R.T.: 5.491 min
Delta R.T.: 0.015 min
Response: 1203062
Conc: 0.72 ng/ml



#10 gamma-Chlordane

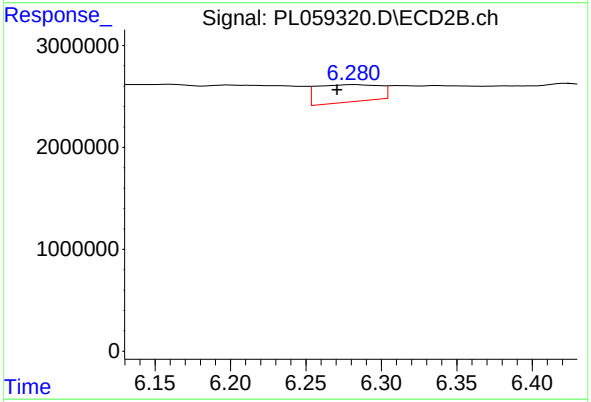
R.T.: 6.198 min
Delta R.T.: 0.001 min
Response: 10500711
Conc: 3.51 ng/ml



#11 alpha-Chlordane

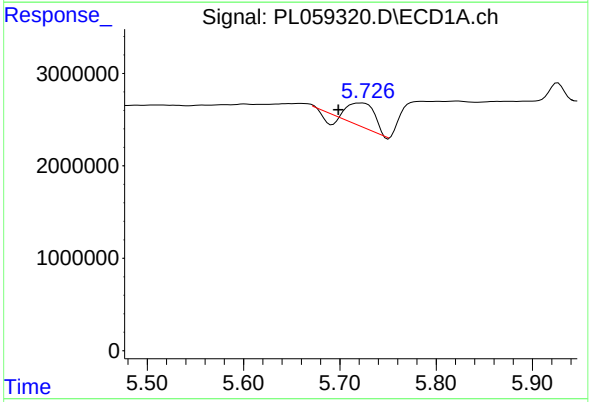
R.T.: 5.559 min
Delta R.T.: 0.023 min
Response: 841375
Conc: 0.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



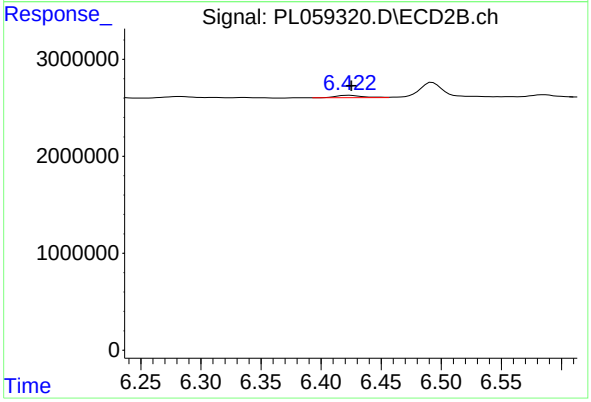
#11 alpha-Chlordane

R.T.: 6.282 min
Delta R.T.: 0.012 min
Response: 4949401
Conc: 1.63 ng/ml



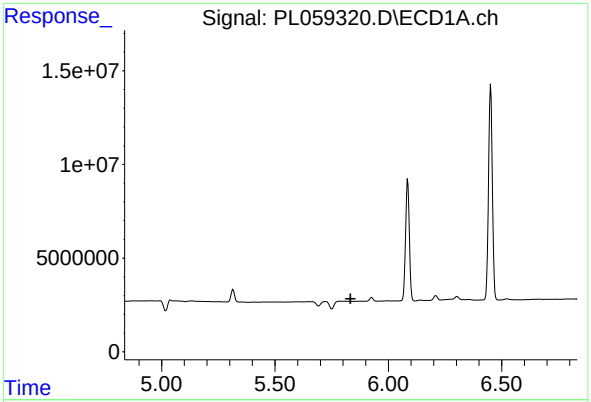
#12 4,4'-DDE

R.T.: 5.724 min
Delta R.T.: 0.025 min
Response: 3725478
Conc: 2.45 ng/ml



#12 4,4'-DDE

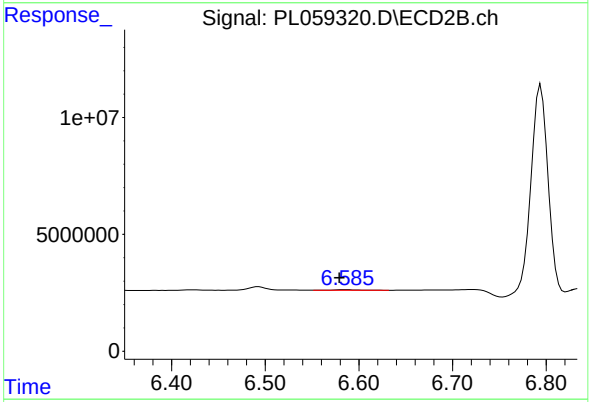
R.T.: 6.423 min
Delta R.T.: -0.002 min
Response: 393606
Conc: 0.14 ng/ml



#13 Dieldrin

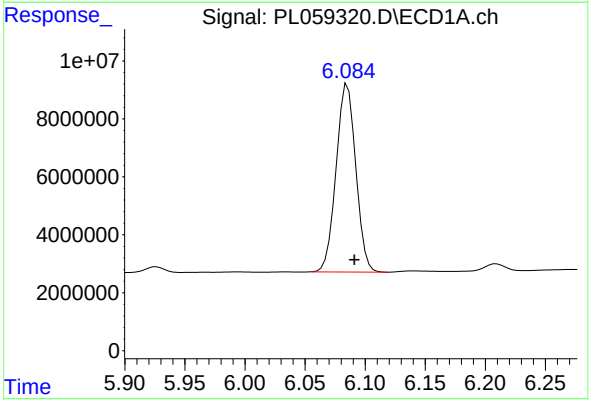
R.T.: 0.000 min
Exp R.T. : 5.833 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



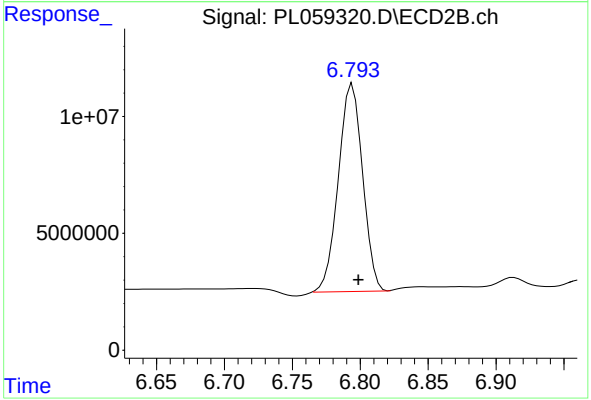
#13 Dieldrin

R.T.: 6.586 min
Delta R.T.: 0.007 min
Response: 568837
Conc: 0.19 ng/ml



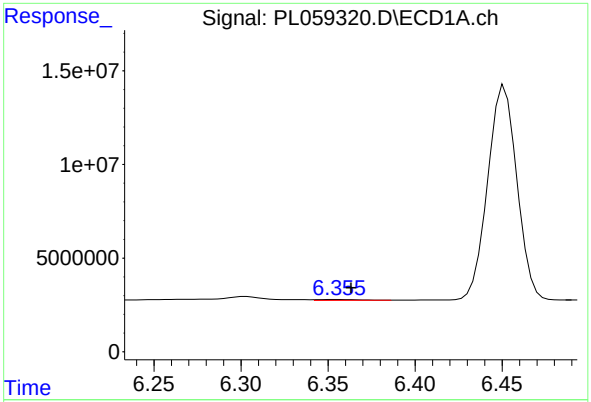
#14 Endrin

R.T.: 6.085 min
Delta R.T.: -0.006 min
Response: 74045400
Conc: 48.87 ng/ml



#14 Endrin

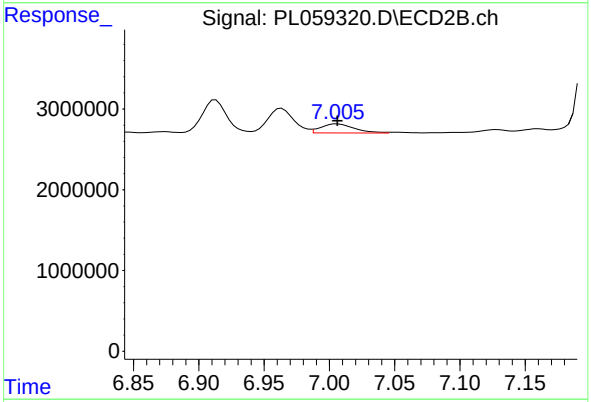
R.T.: 6.794 min
Delta R.T.: -0.004 min
Response: 110489130
Conc: 44.37 ng/ml



#15 Endosulfan II

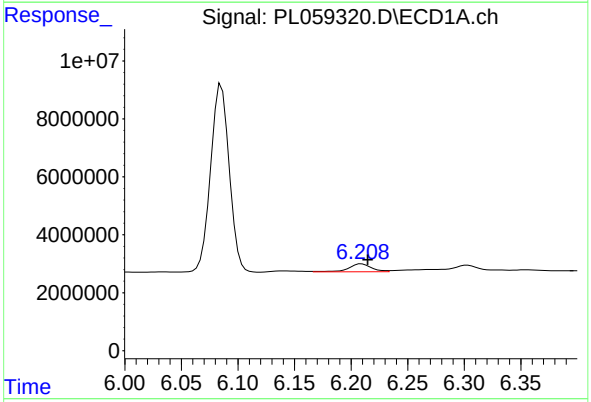
R.T.: 6.356 min
Delta R.T.: -0.008 min
Response: 806714
Conc: 0.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



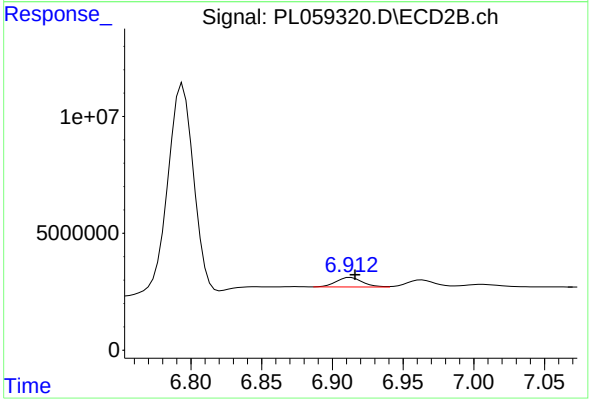
#15 Endosulfan II

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2042188
Conc: 0.78 ng/ml



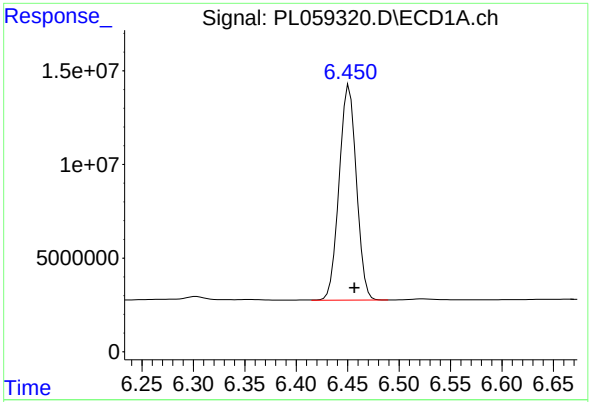
#16 4,4'-DDD

R.T.: 6.209 min
Delta R.T.: -0.005 min
Response: 3909980
Conc: 2.96 ng/ml



#16 4,4'-DDD

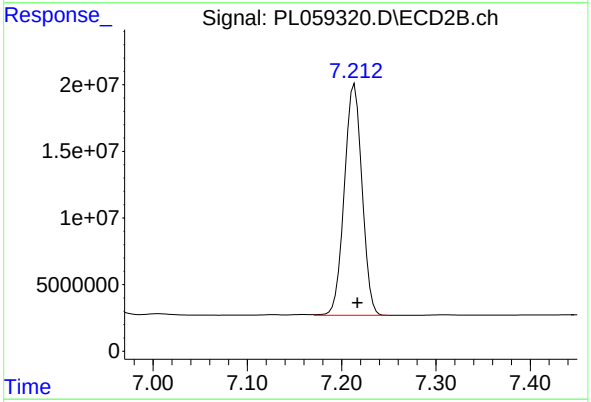
R.T.: 6.913 min
Delta R.T.: -0.003 min
Response: 5238357
Conc: 2.26 ng/ml



#17 4,4'-DDT

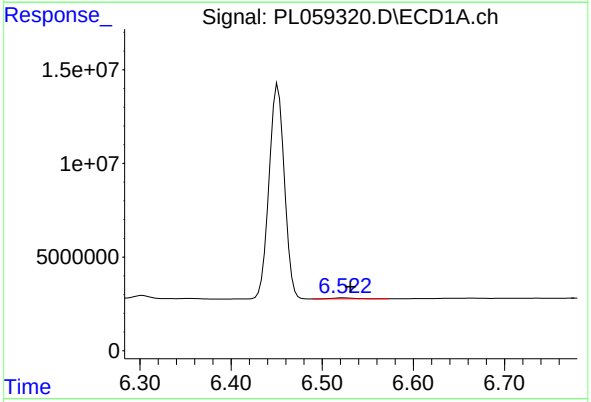
R.T.: 6.451 min
Delta R.T.: -0.005 min
Response: 134191681
Conc: 106.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



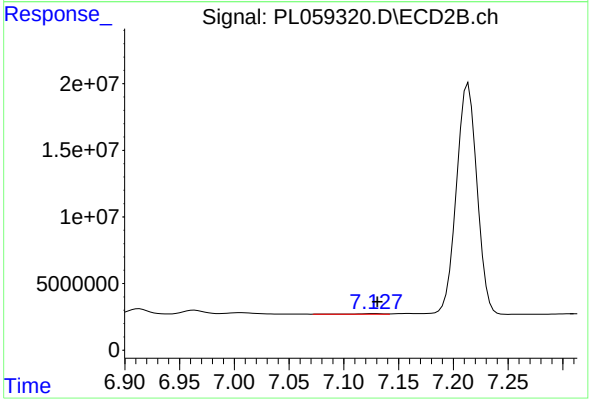
#17 4,4'-DDT

R.T.: 7.214 min
Delta R.T.: -0.003 min
Response: 226989823
Conc: 99.68 ng/ml



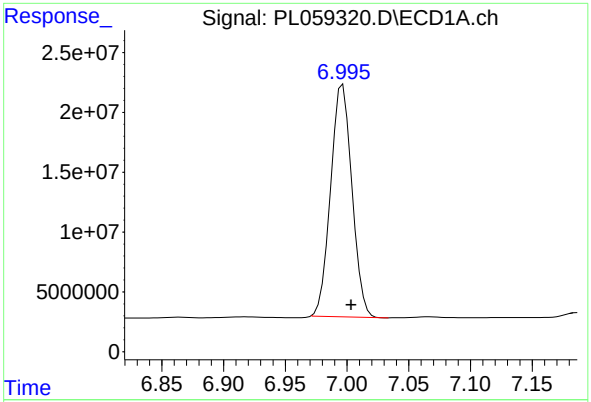
#18 Endrin aldehyde

R.T.: 6.524 min
Delta R.T.: -0.008 min
Response: 923573
Conc: 0.70 ng/ml



#18 Endrin aldehyde

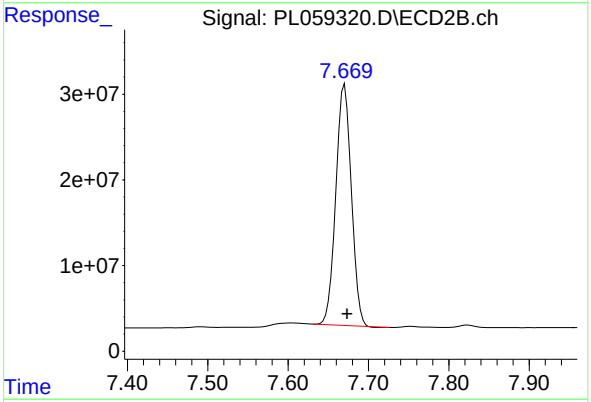
R.T.: 7.128 min
Delta R.T.: -0.002 min
Response: 842402
Conc: 0.37 ng/ml



#20 Methoxychlor

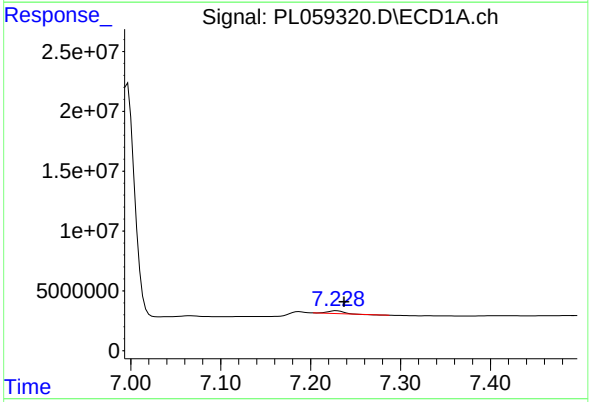
R.T.: 6.997 min
Delta R.T.: -0.007 min
Response: 233265120
Conc: 303.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



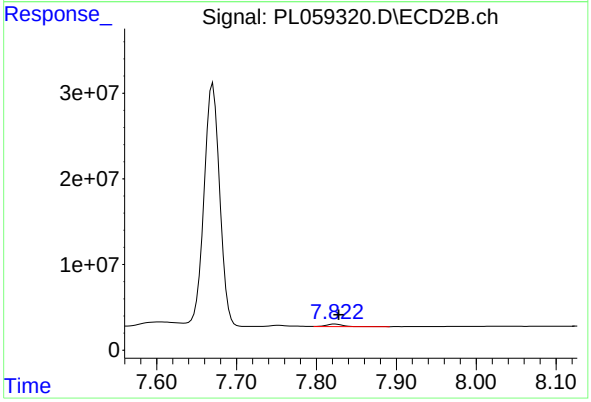
#20 Methoxychlor

R.T.: 7.670 min
Delta R.T.: -0.003 min
Response: 378187115
Conc: 286.80 ng/ml



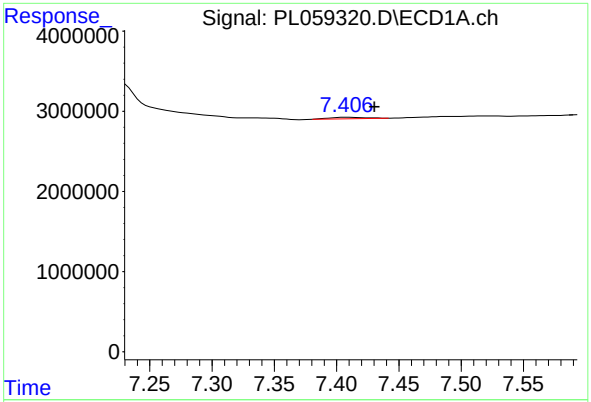
#21 Endrin ketone

R.T.: 7.229 min
Delta R.T.: -0.008 min
Response: 2548918
Conc: 1.47 ng/ml



#21 Endrin ketone

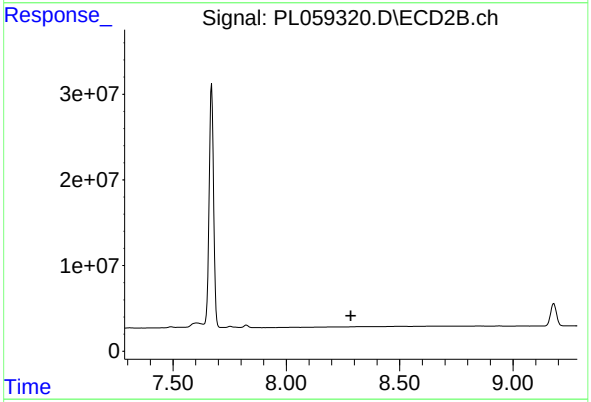
R.T.: 7.824 min
Delta R.T.: -0.004 min
Response: 3998508
Conc: 1.52 ng/ml



#22 Mirex

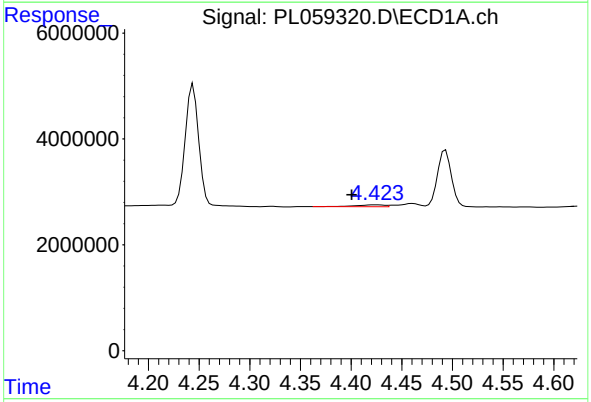
R.T.: 7.407 min
Delta R.T.: -0.023 min
Response: 377257
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



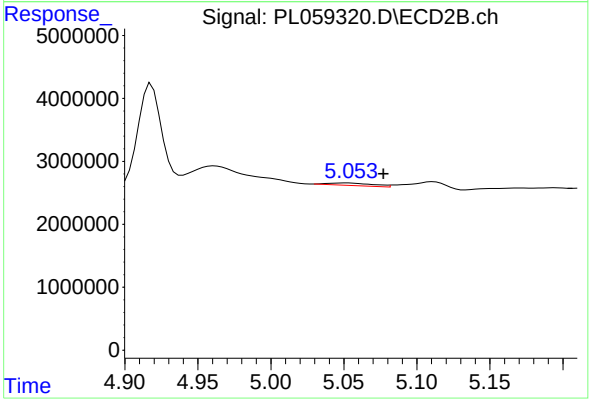
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.285 min
Response: 0
Conc: N.D.



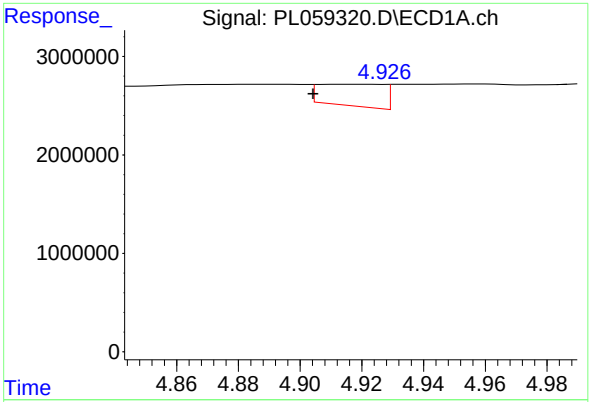
#23 Chlordane-1

R.T.: 4.424 min
Delta R.T.: 0.024 min
Response: 739711
Conc: 14.71 ng/ml



#23 Chlordane-1

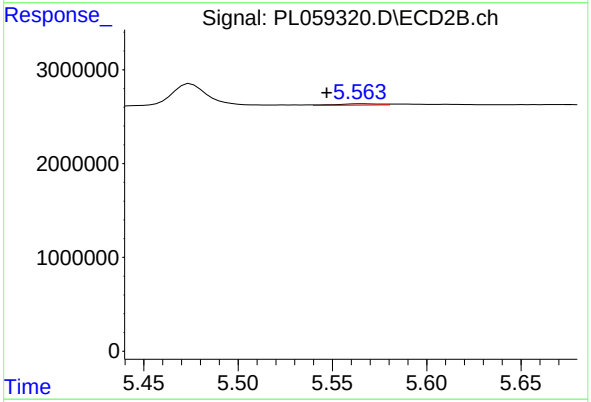
R.T.: 5.052 min
Delta R.T.: -0.025 min
Response: 843576
Conc: 8.35 ng/ml



#24 Chlordane-2

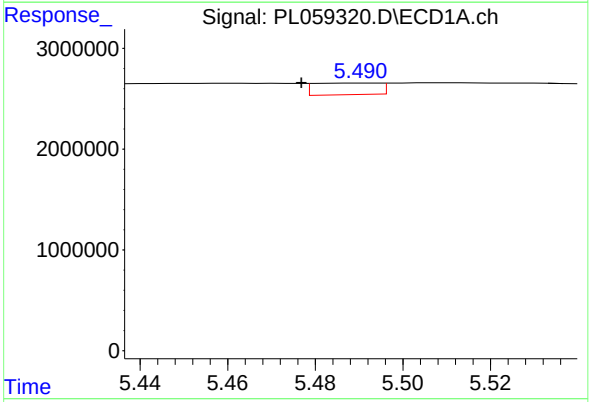
R.T.: 4.919 min
Delta R.T.: 0.015 min
Response: 3237379
Conc: 62.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



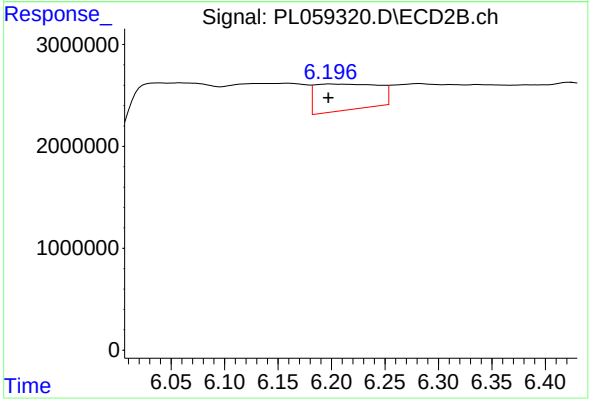
#24 Chlordane-2

R.T.: 5.566 min
Delta R.T.: 0.019 min
Response: 242616
Conc: 2.54 ng/ml



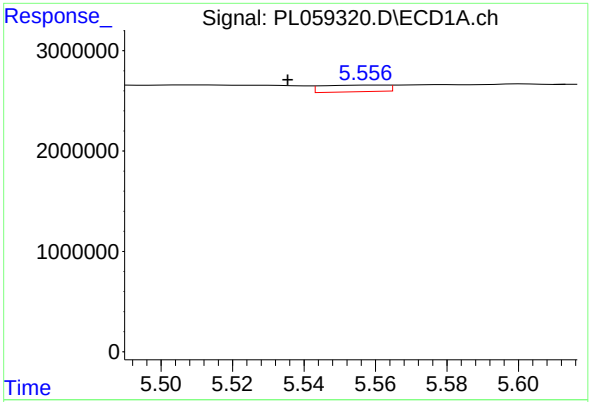
#25 Chlordane-3

R.T.: 5.491 min
Delta R.T.: 0.014 min
Response: 1203062
Conc: 8.14 ng/ml



#25 Chlordane-3

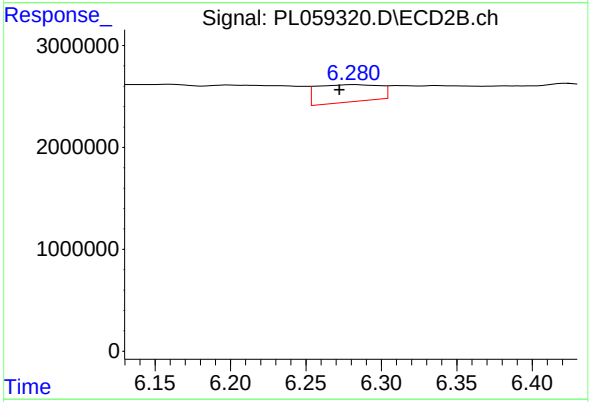
R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 10500711
Conc: 28.00 ng/ml



#26 Chlordane-4

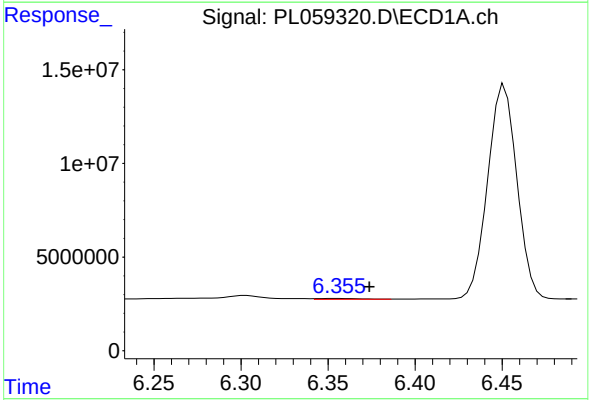
R.T.: 5.559 min
Delta R.T.: 0.023 min
Response: 841375
Conc: 7.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



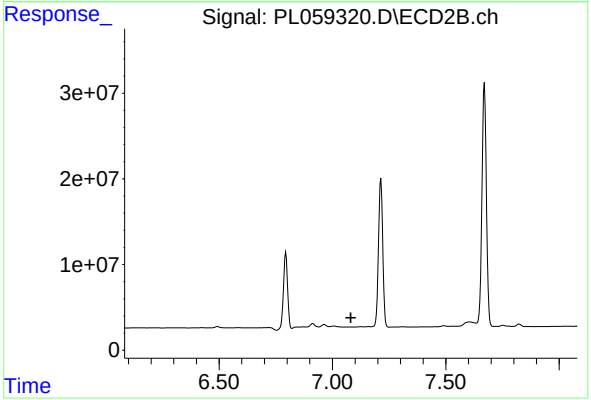
#26 Chlordane-4

R.T.: 6.282 min
Delta R.T.: 0.010 min
Response: 4949401
Conc: 10.88 ng/ml



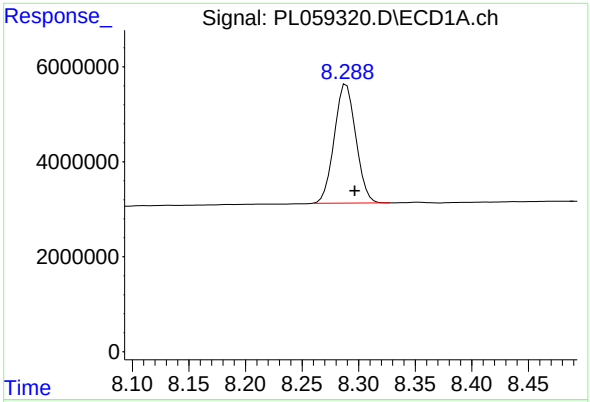
#27 Chlordane-5

R.T.: 6.356 min
Delta R.T.: -0.018 min
Response: 806714
Conc: 16.21 ng/ml



#27 Chlordane-5

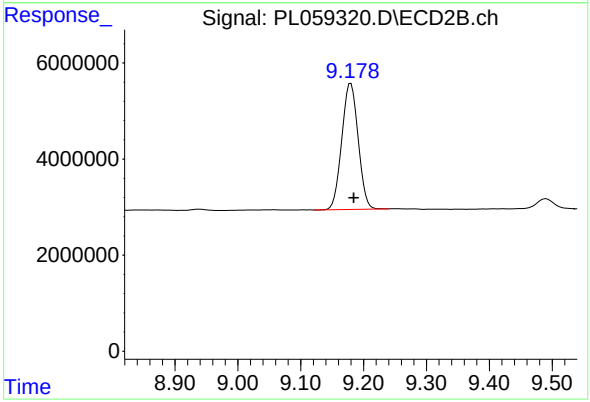
R.T.: 0.000 min
Exp R.T. : 7.080 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.289 min
Delta R.T.: -0.007 min
Response: 33185496
Conc: 20.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.180 min
Delta R.T.: -0.004 min
Response: 47326722
Conc: 19.96 ng/ml