Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061720\
Data File : PL059299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2020 11:56
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 17 14:14:40 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	36648200	53698708	21.223	20.638	
28)	SA Decachlor...	8.288	9.178	33551510	48576095	20.404	20.492	
	Target Compounds							
2)	A alpha-BHC	3.958	4.462	23964185	35038424	9.573	9.116	
3)	MA gamma-BHC...	4.244	4.749	20419215	32908676	9.311	9.018	
4)	MA Heptachlor	0.000	5.260	0	398229	N.D.	0.116	#
5)	MB Aldrin	4.789f	5.560	203893	222688	0.114	0.071	#
6)	B beta-BHC	4.493	4.918	10151205	16123714	10.683	10.662	
7)	B delta-BHC	0.000	5.112f	0	1559228	N.D.	0.556	#
8)	B Heptachlo...	5.267f	5.950	12503500	59573470	7.320	21.507	#
9)	A Endosulfan I	5.573f	0.000	1082480	0	0.692	N.D.	#
10)	B gamma-Chl...	5.465	6.203	4201580	8338056	2.509	2.787	
11)	B alpha-Chl...	5.557f	6.280	1351375	11347977	0.810	3.734	#
12)	B 4,4'-DDE	5.721f	0.000	4669113	0	3.070	N.D.	#
13)	MA Dieldrin	5.861f	6.585	404607	481286	0.248	0.165	#
14)	MA Endrin	6.085	6.793	74447276	103.9E6	49.135	41.735	
15)	B Endosulfa...	6.354	7.004	531169	2974002	0.344	1.142	#
16)	A 4,4'-DDD	6.208	6.912	3613736	4987065	2.734	2.149	
17)	MA 4,4'-DDT	6.451	7.212	134.3E6	225.0E6	106.449	98.804	
18)	B Endrin al...	6.522	7.126	572945	1634968	0.435	0.715	#
20)	A Methoxychlor	6.996	7.669	184.0E6	294.0E6	239.601	222.941	
21)	B Endrin ke...	7.228	7.822	1550232	3555847	0.893	1.355	#
22)	Mirex	7.410f	8.298	294418	14807	0.213	0.008	#
23)	Chlordane-1	4.424f	0.000	803917	0	15.982	N.D.	#
24)	Chlordane-2	4.892	5.560	3337999	222688	63.970	2.334	#
25)	Chlordane-3	5.465	6.203	4201580	8338056	28.434	22.235	
26)	Chlordane-4	5.557f	6.280	1351375	11347977	11.265	24.938	#
27)	Chlordane-5	6.354f	0.000	531169	0	10.674	N.D.	#

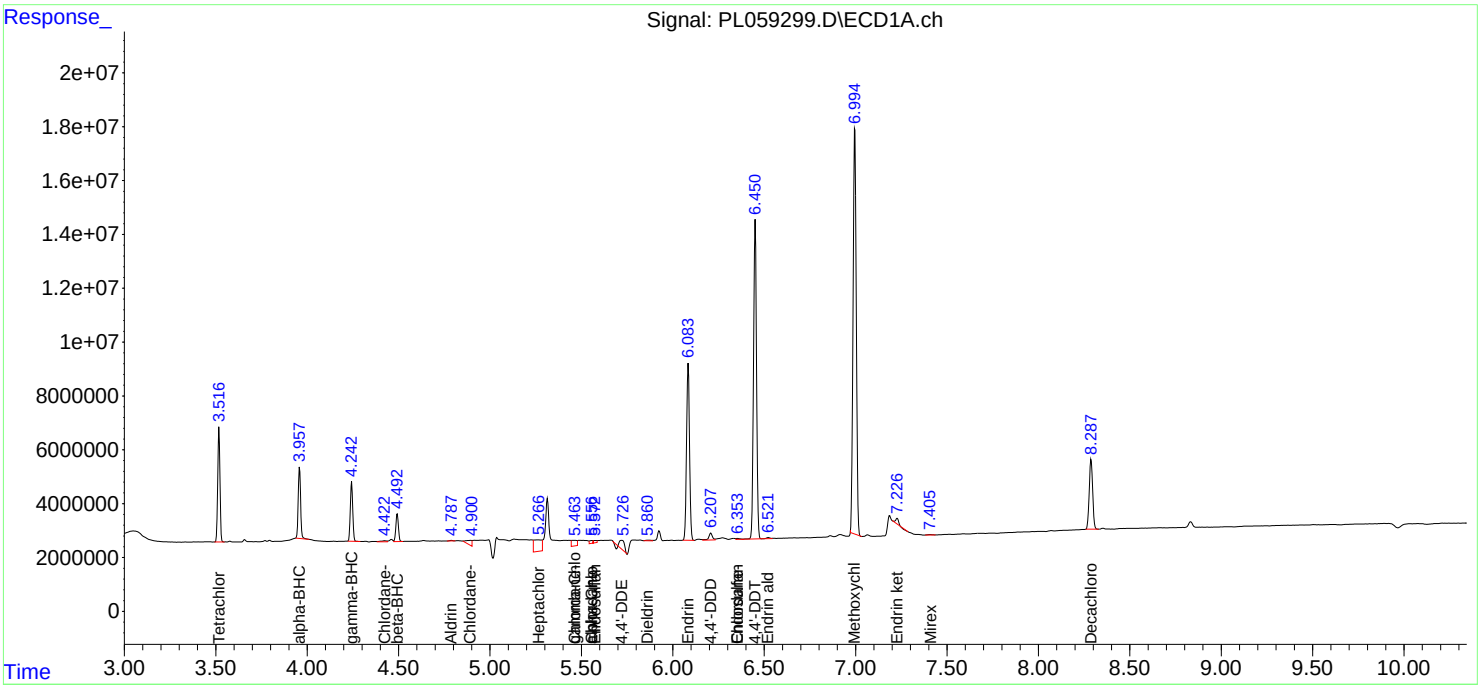
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

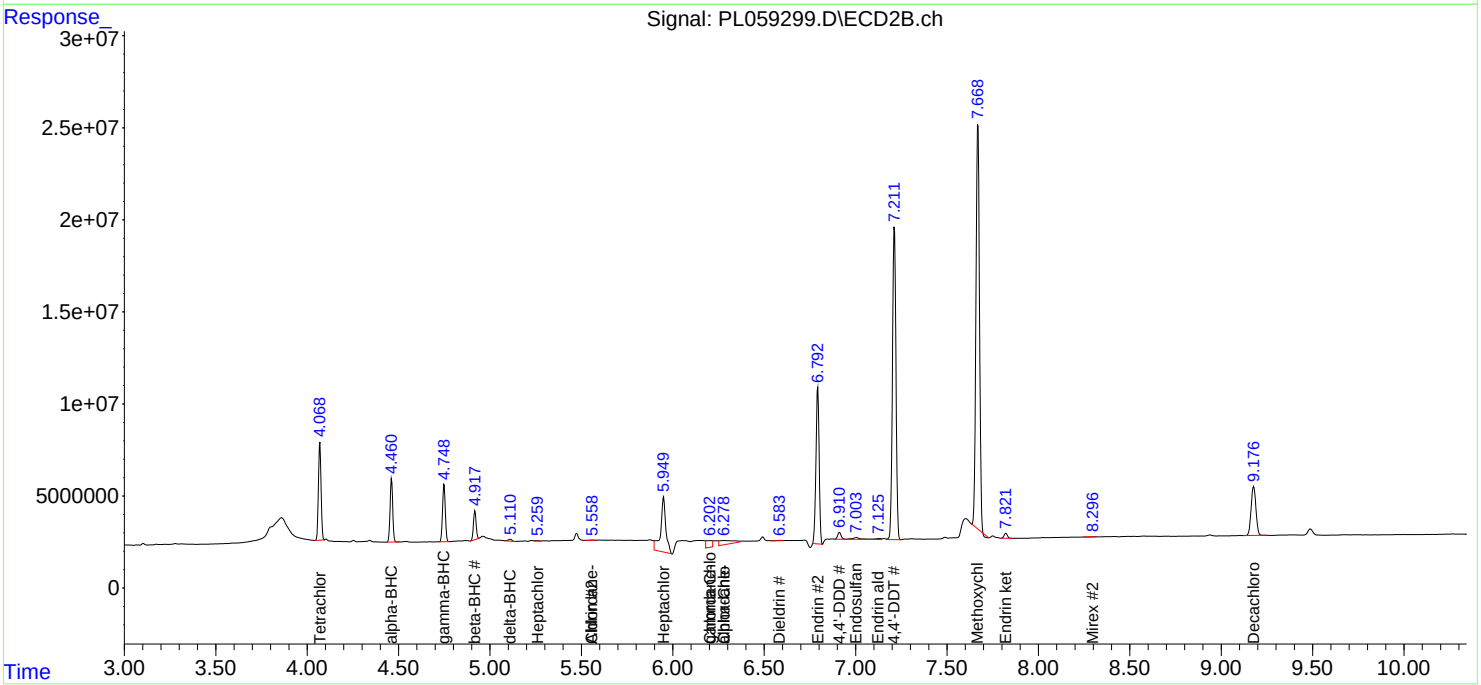
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061720\
Data File : PL059299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2020 11:56
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

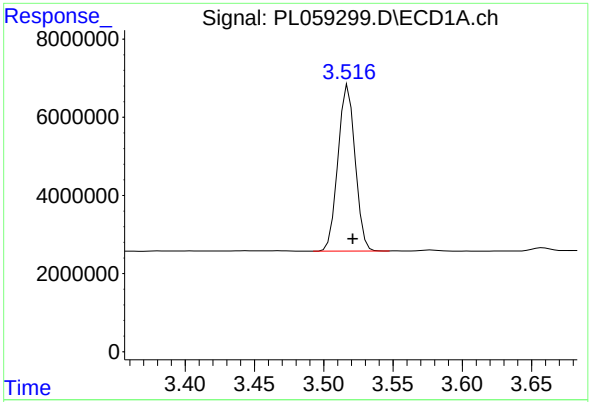
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 14:14:40 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



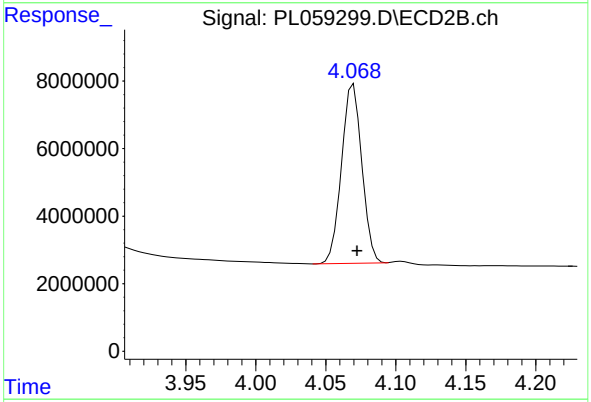




#1 Tetrachloro-m-xylene

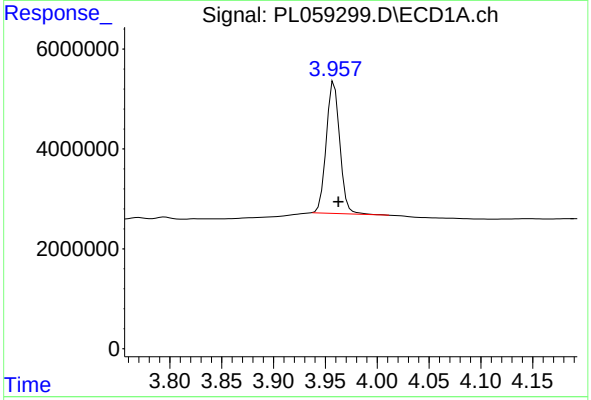
R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 36648200
Conc: 21.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



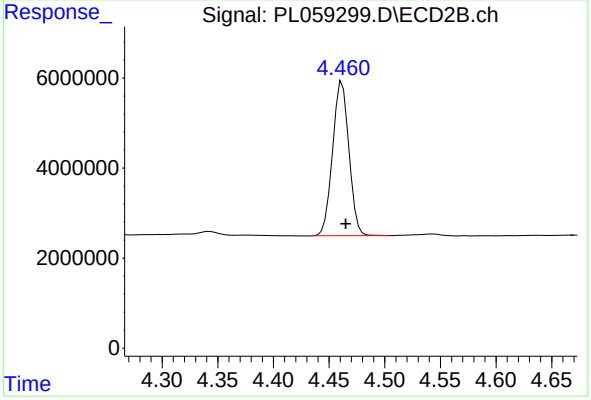
#1 Tetrachloro-m-xylene

R.T.: 4.070 min
Delta R.T.: -0.002 min
Response: 53698708
Conc: 20.64 ng/ml



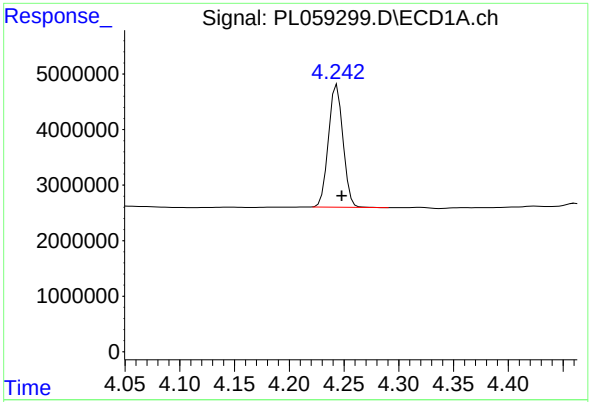
#2 alpha-BHC

R.T.: 3.958 min
Delta R.T.: -0.004 min
Response: 23964185
Conc: 9.57 ng/ml



#2 alpha-BHC

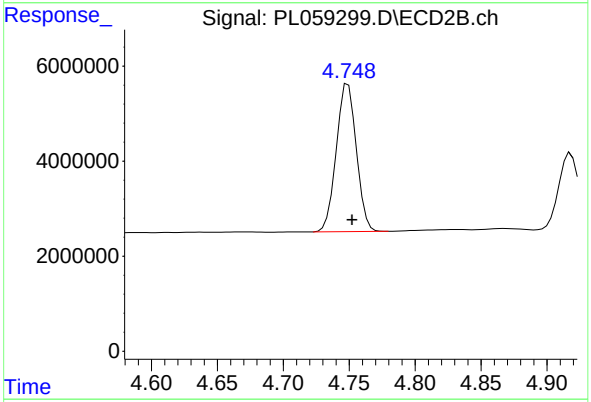
R.T.: 4.462 min
Delta R.T.: -0.003 min
Response: 35038424
Conc: 9.12 ng/ml



#3 gamma-BHC (Lindane)

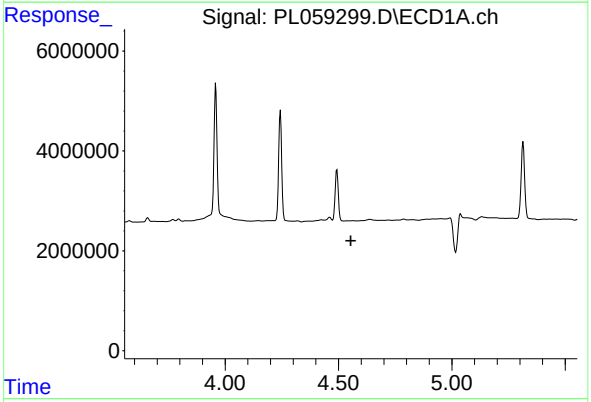
R.T.: 4.244 min
Delta R.T.: -0.004 min
Response: 20419215
Conc: 9.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



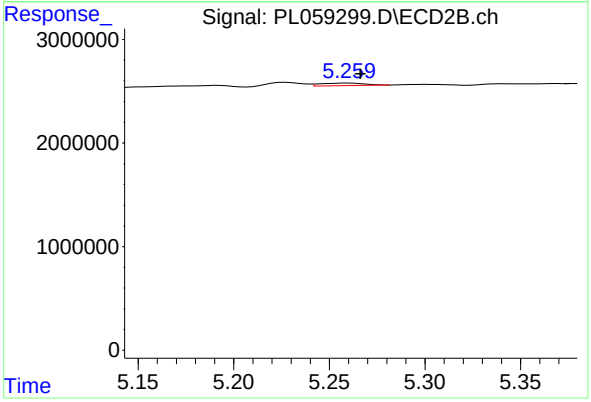
#3 gamma-BHC (Lindane)

R.T.: 4.749 min
Delta R.T.: -0.003 min
Response: 32908676
Conc: 9.02 ng/ml



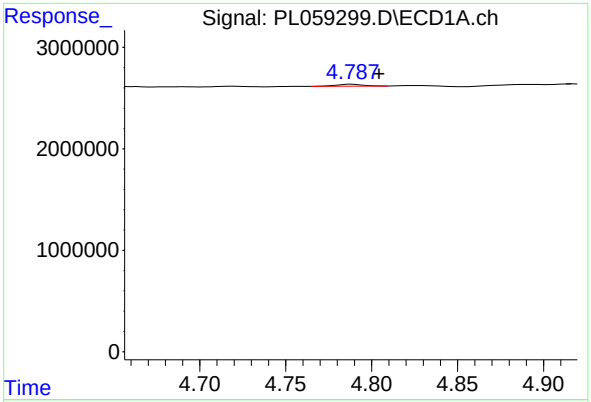
#4 Heptachlor

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



#4 Heptachlor

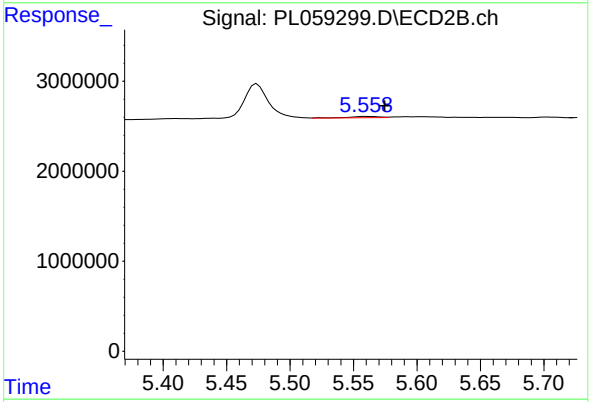
R.T.: 5.260 min
Delta R.T.: -0.006 min
Response: 398229
Conc: 0.12 ng/ml



#5 Aldrin

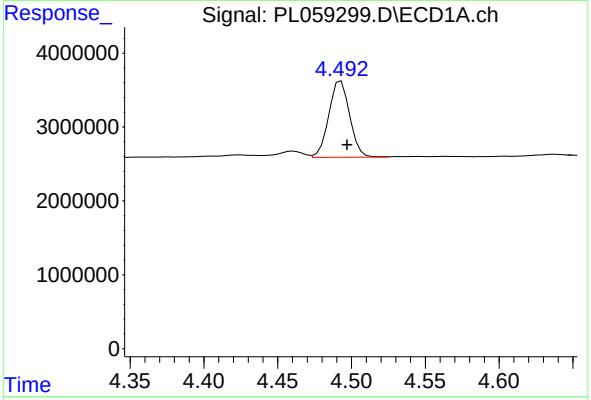
R.T.: 4.789 min
Delta R.T.: -0.016 min
Response: 203893
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



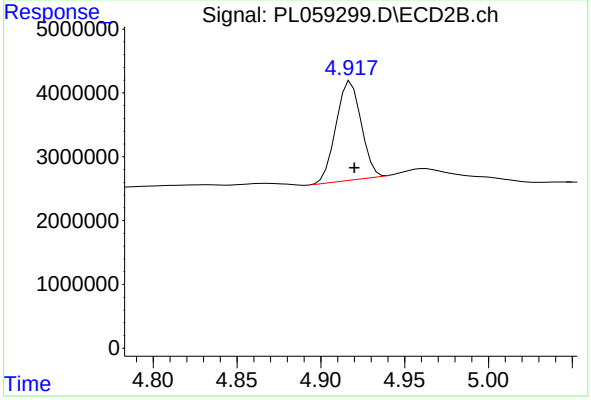
#5 Aldrin

R.T.: 5.560 min
Delta R.T.: -0.014 min
Response: 222688
Conc: 0.07 ng/ml



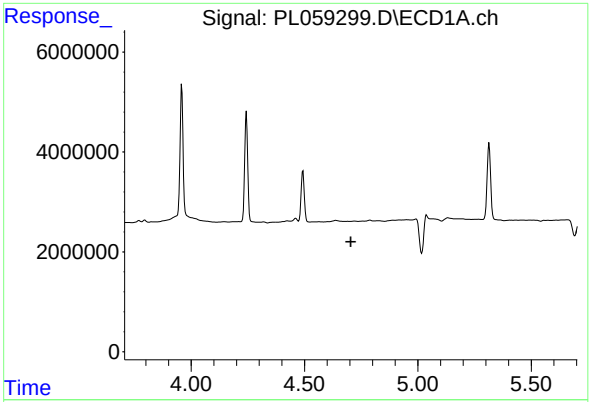
#6 beta-BHC

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 10151205
Conc: 10.68 ng/ml



#6 beta-BHC

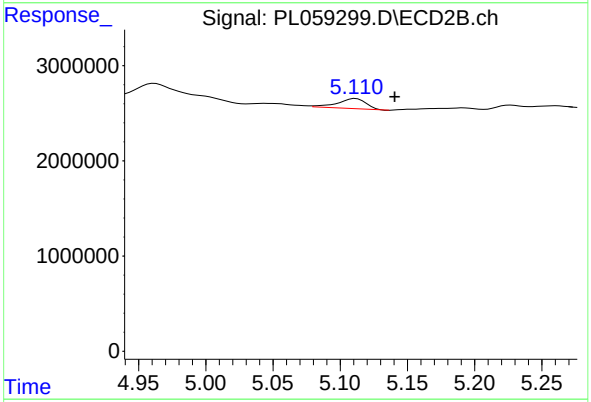
R.T.: 4.918 min
Delta R.T.: -0.002 min
Response: 16123714
Conc: 10.66 ng/ml



#7 delta-BHC

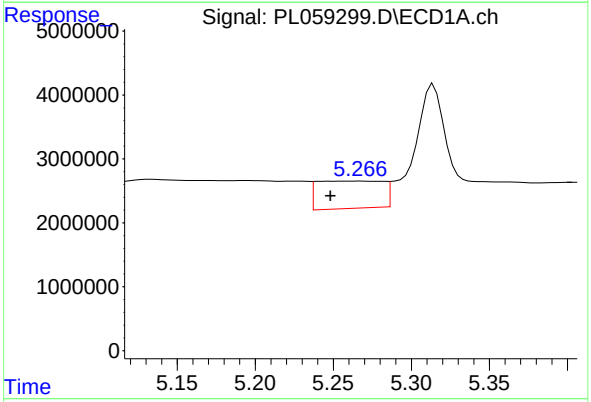
R.T.: 0.000 min
Exp R.T. : 4.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



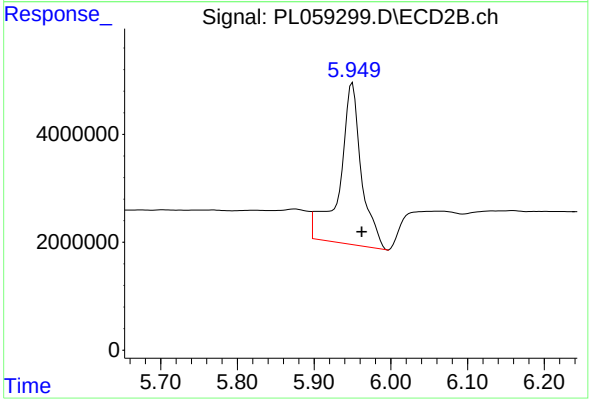
#7 delta-BHC

R.T.: 5.112 min
Delta R.T.: -0.029 min
Response: 1559228
Conc: 0.56 ng/ml



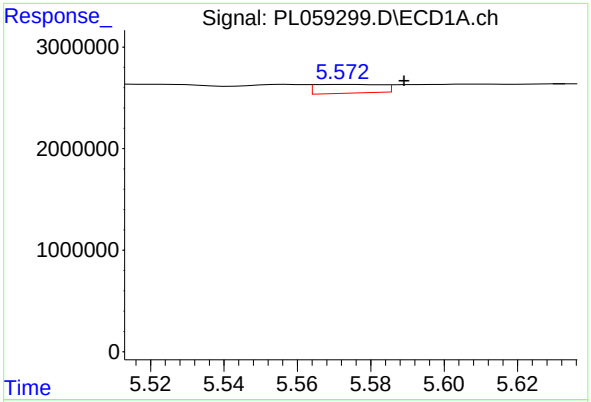
#8 Heptachlor epoxide

R.T.: 5.267 min
Delta R.T.: 0.019 min
Response: 12503500
Conc: 7.32 ng/ml



#8 Heptachlor epoxide

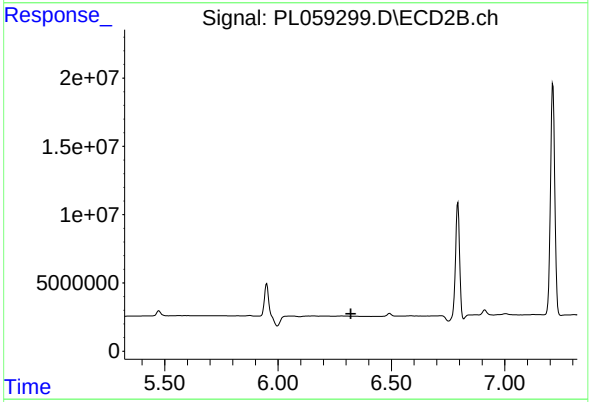
R.T.: 5.950 min
Delta R.T.: -0.012 min
Response: 59573470
Conc: 21.51 ng/ml



#9 Endosulfan I

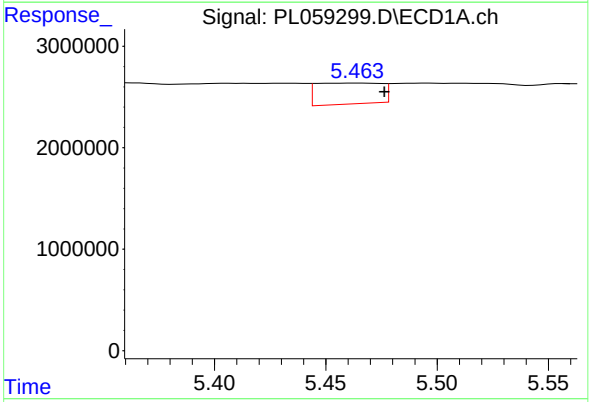
R.T.: 5.573 min
Delta R.T.: -0.016 min
Response: 1082480
Conc: 0.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



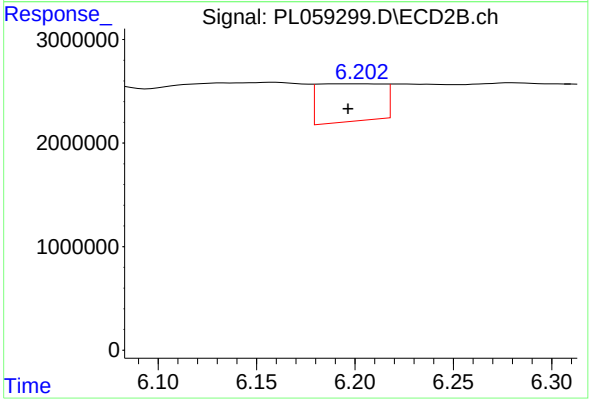
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.321 min
Response: 0
Conc: N.D.



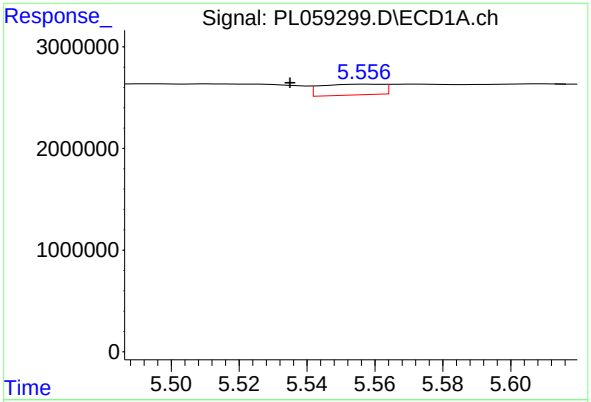
#10 gamma-Chlordane

R.T.: 5.465 min
Delta R.T.: -0.012 min
Response: 4201580
Conc: 2.51 ng/ml



#10 gamma-Chlordane

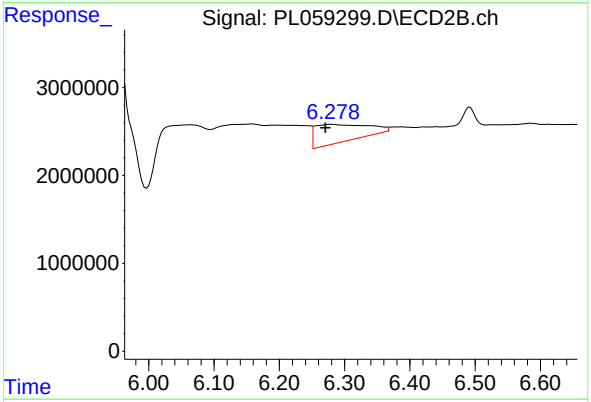
R.T.: 6.203 min
Delta R.T.: 0.007 min
Response: 8338056
Conc: 2.79 ng/ml



#11 alpha-Chlordane

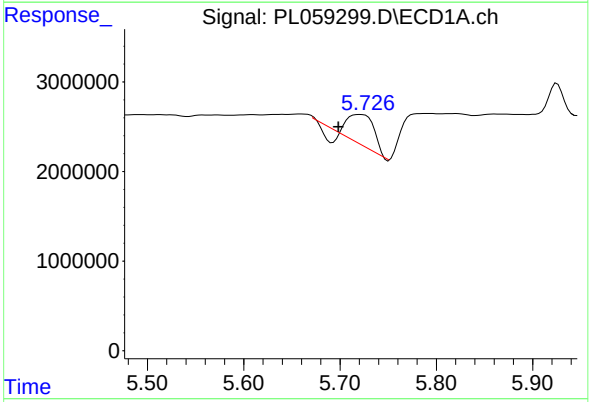
R.T.: 5.557 min
Delta R.T.: 0.022 min
Response: 1351375
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



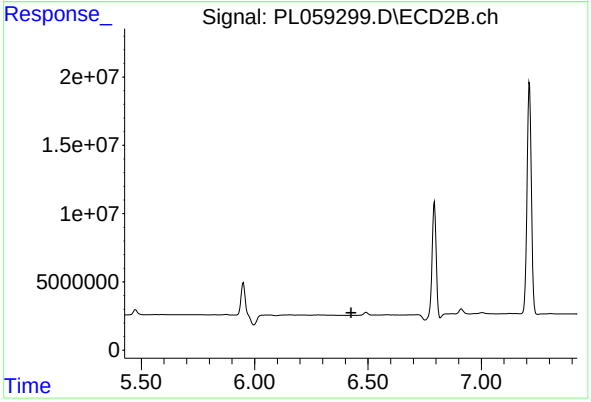
#11 alpha-Chlordane

R.T.: 6.280 min
Delta R.T.: 0.009 min
Response: 11347977
Conc: 3.73 ng/ml



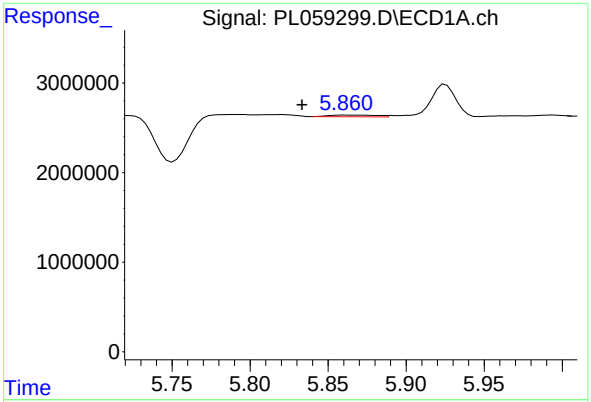
#12 4,4'-DDE

R.T.: 5.721 min
Delta R.T.: 0.022 min
Response: 4669113
Conc: 3.07 ng/ml



#12 4,4'-DDE

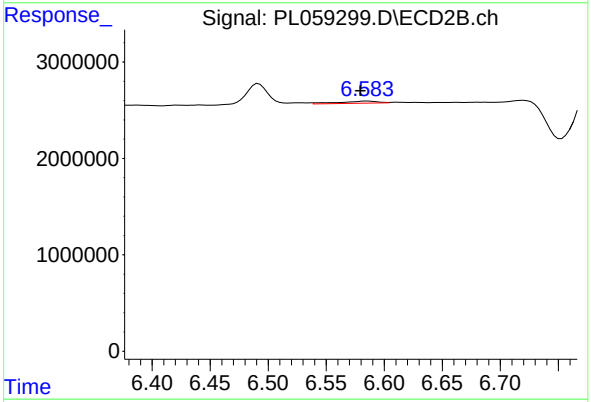
R.T.: 0.000 min
Exp R.T. : 6.425 min
Response: 0
Conc: N.D.



#13 Dieldrin

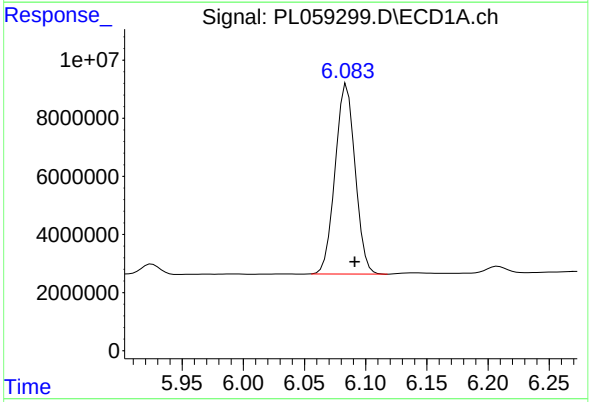
R.T.: 5.861 min
Delta R.T.: 0.028 min
Response: 404607
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



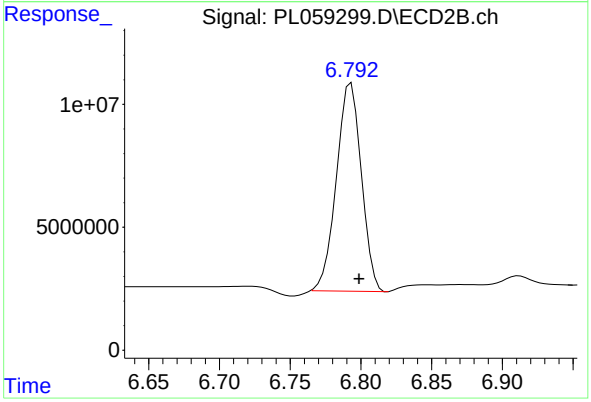
#13 Dieldrin

R.T.: 6.585 min
Delta R.T.: 0.006 min
Response: 481286
Conc: 0.16 ng/ml



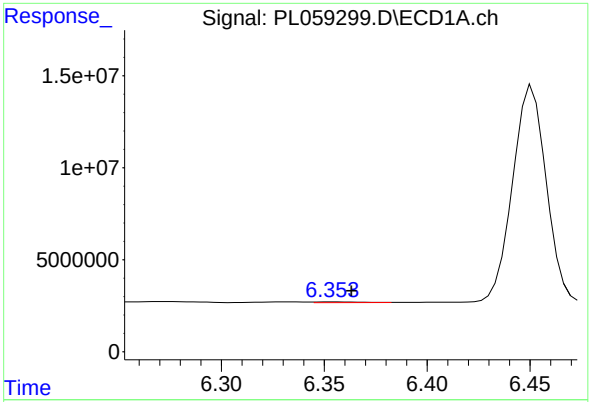
#14 Endrin

R.T.: 6.085 min
Delta R.T.: -0.007 min
Response: 74447276
Conc: 49.14 ng/ml



#14 Endrin

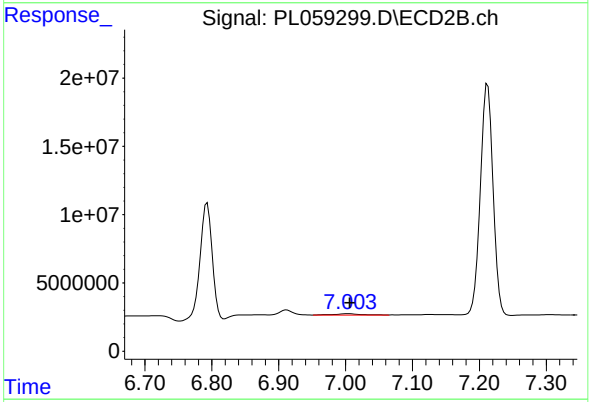
R.T.: 6.793 min
Delta R.T.: -0.006 min
Response: 103936454
Conc: 41.74 ng/ml



#15 Endosulfan II

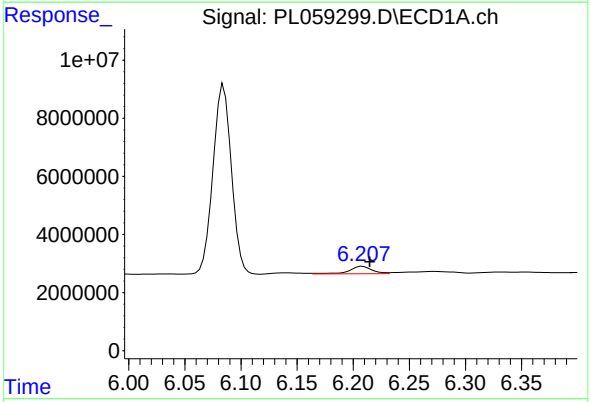
R.T.: 6.354 min
Delta R.T.: -0.009 min
Response: 531169
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



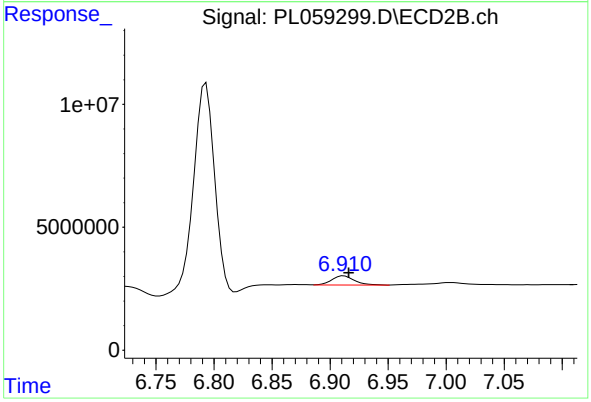
#15 Endosulfan II

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 2974002
Conc: 1.14 ng/ml



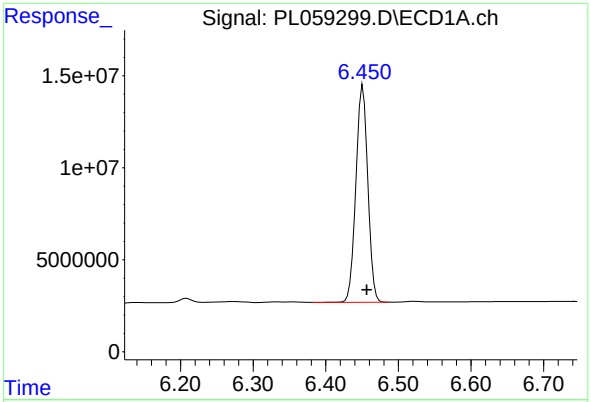
#16 4,4'-DDD

R.T.: 6.208 min
Delta R.T.: -0.006 min
Response: 3613736
Conc: 2.73 ng/ml



#16 4,4'-DDD

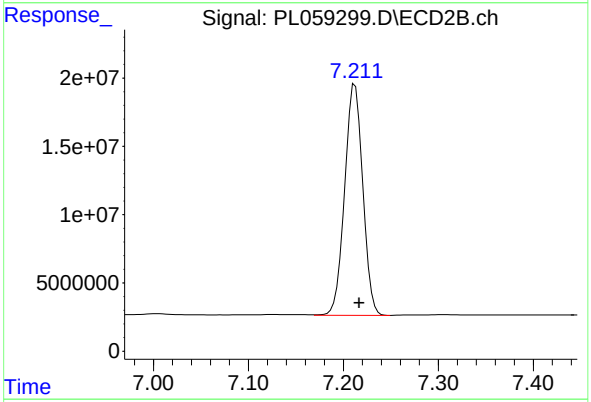
R.T.: 6.912 min
Delta R.T.: -0.004 min
Response: 4987065
Conc: 2.15 ng/ml



#17 4,4'-DDT

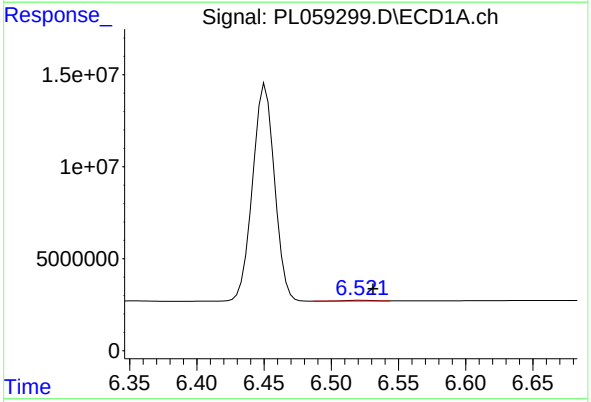
R.T.: 6.451 min
Delta R.T.: -0.006 min
Response: 134278919
Conc: 106.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



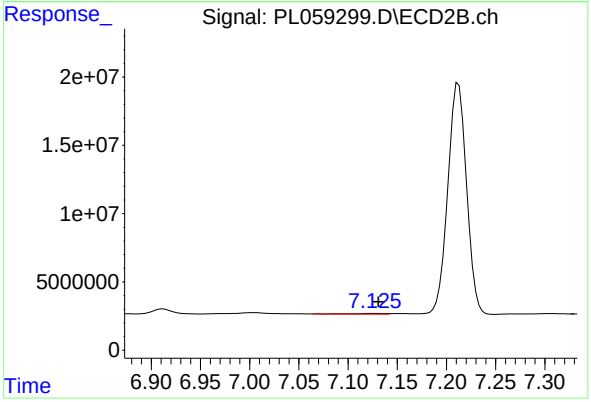
#17 4,4'-DDT

R.T.: 7.212 min
Delta R.T.: -0.004 min
Response: 224996225
Conc: 98.80 ng/ml



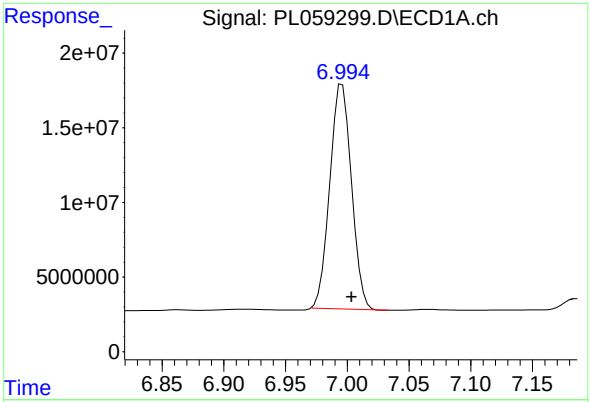
#18 Endrin aldehyde

R.T.: 6.522 min
Delta R.T.: -0.009 min
Response: 572945
Conc: 0.44 ng/ml



#18 Endrin aldehyde

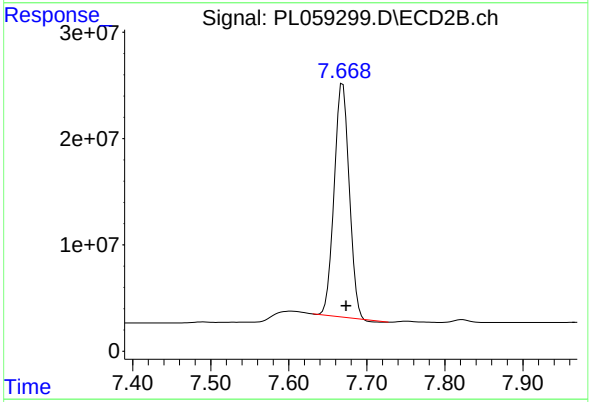
R.T.: 7.126 min
Delta R.T.: -0.005 min
Response: 1634968
Conc: 0.72 ng/ml



#20 Methoxychlor

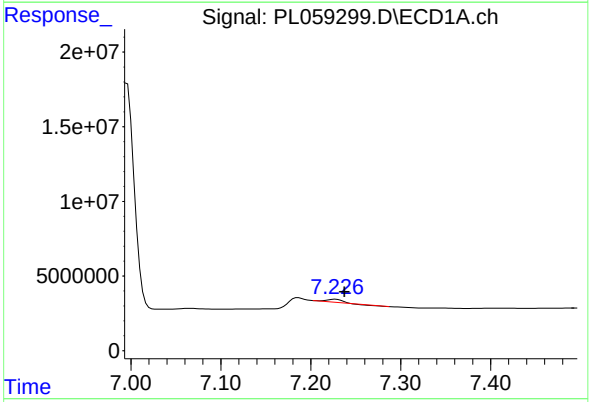
R.T.: 6.996 min
Delta R.T.: -0.008 min
Response: 184045847
Conc: 239.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



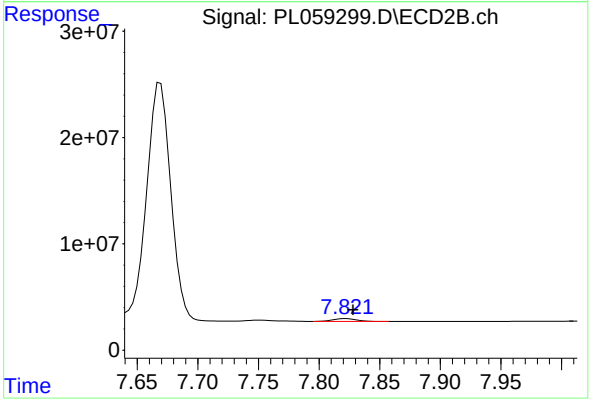
#20 Methoxychlor

R.T.: 7.669 min
Delta R.T.: -0.004 min
Response: 293979082
Conc: 222.94 ng/ml



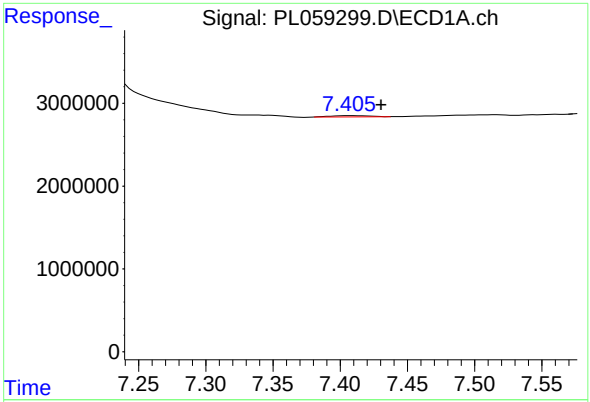
#21 Endrin ketone

R.T.: 7.228 min
Delta R.T.: -0.010 min
Response: 1550232
Conc: 0.89 ng/ml



#21 Endrin ketone

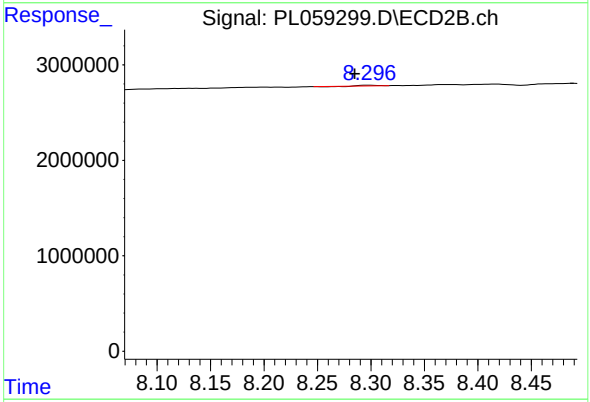
R.T.: 7.822 min
Delta R.T.: -0.006 min
Response: 3555847
Conc: 1.36 ng/ml



#22 Mirex

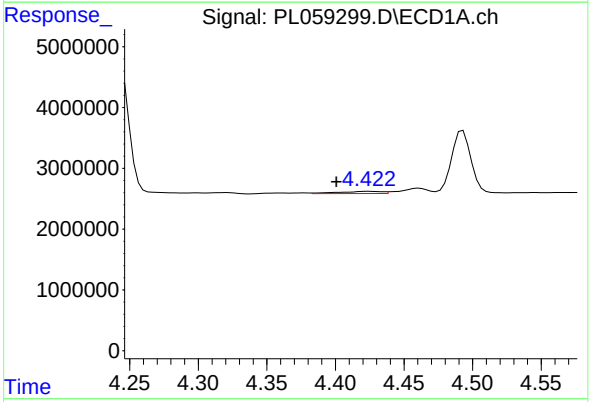
R.T.: 7.410 min
Delta R.T.: -0.020 min
Response: 294418
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



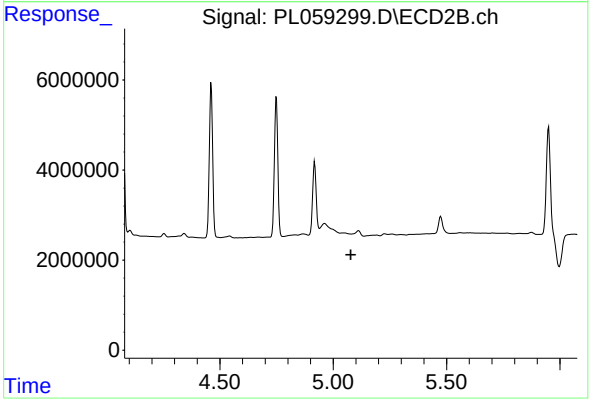
#22 Mirex

R.T.: 8.298 min
Delta R.T.: 0.013 min
Response: 14807
Conc: 0.01 ng/ml



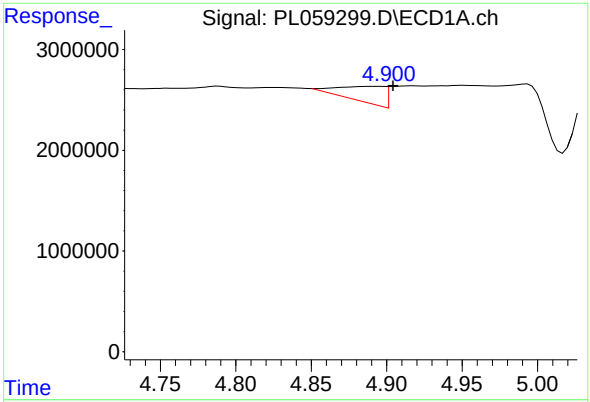
#23 Chlordane-1

R.T.: 4.424 min
Delta R.T.: 0.023 min
Response: 803917
Conc: 15.98 ng/ml



#23 Chlordane-1

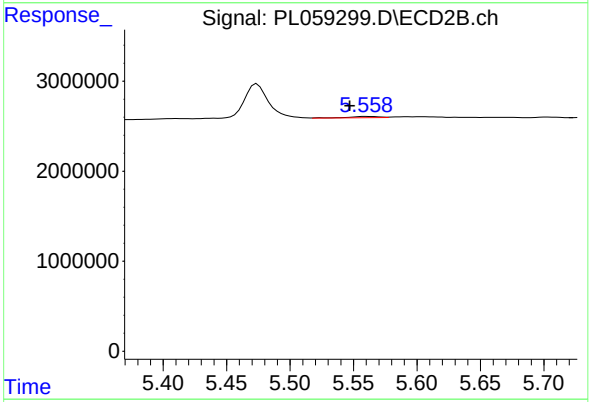
R.T.: 0.000 min
Exp R.T. : 5.077 min
Response: 0
Conc: N.D.



#24 Chlordane-2

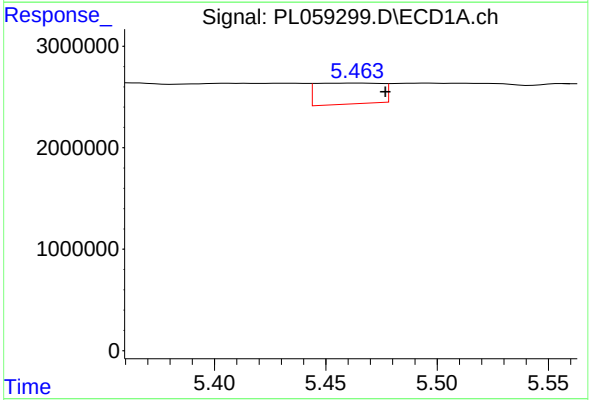
R.T.: 4.892 min
Delta R.T.: -0.012 min
Response: 3337999
Conc: 63.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



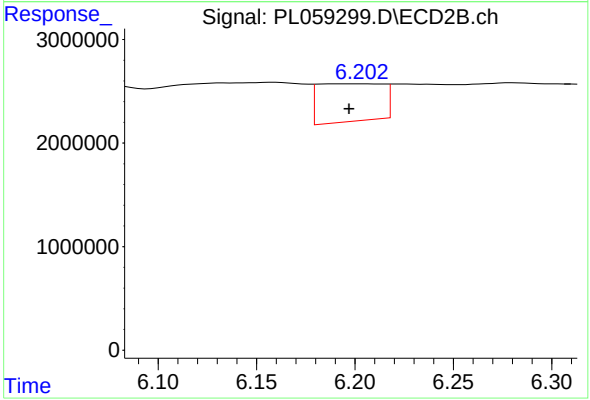
#24 Chlordane-2

R.T.: 5.560 min
Delta R.T.: 0.013 min
Response: 222688
Conc: 2.33 ng/ml



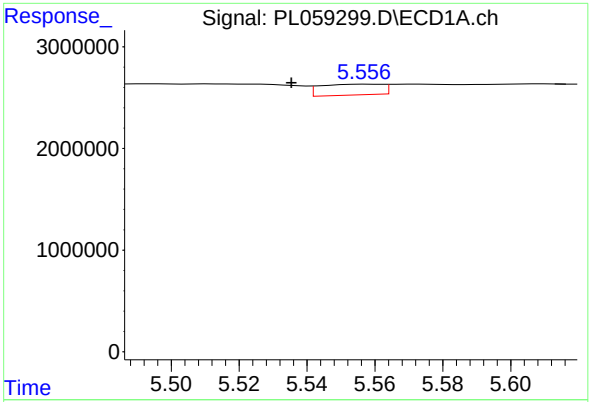
#25 Chlordane-3

R.T.: 5.465 min
Delta R.T.: -0.012 min
Response: 4201580
Conc: 28.43 ng/ml



#25 Chlordane-3

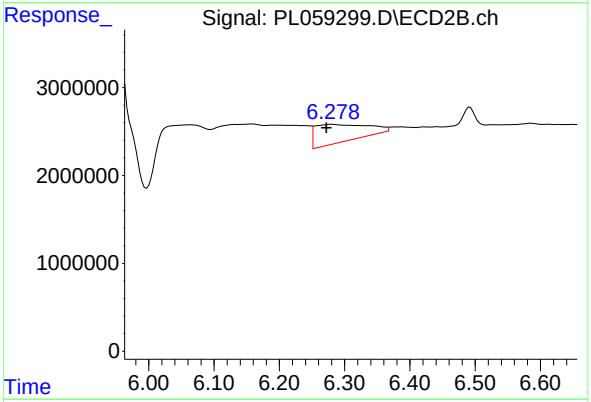
R.T.: 6.203 min
Delta R.T.: 0.006 min
Response: 8338056
Conc: 22.24 ng/ml



#26 Chlordane-4

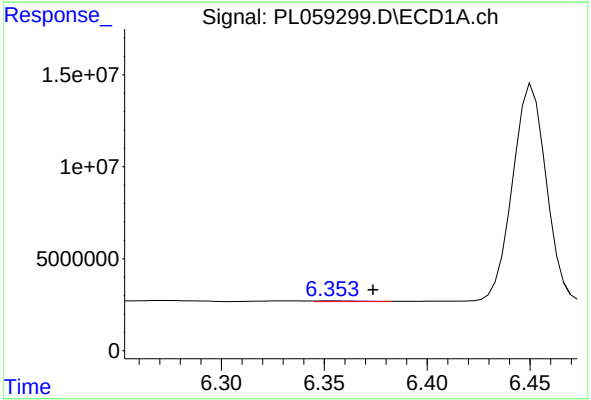
R.T.: 5.557 min
Delta R.T.: 0.022 min
Response: 1351375
Conc: 11.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



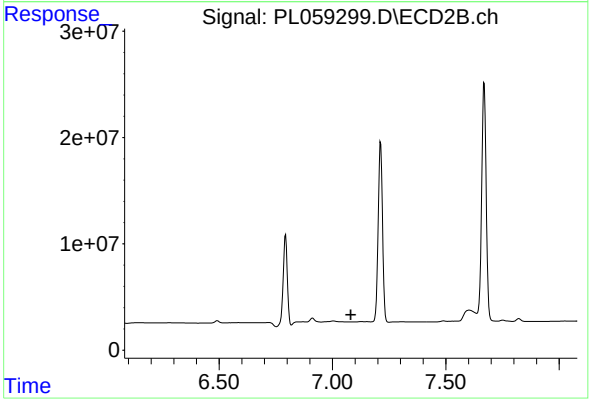
#26 Chlordane-4

R.T.: 6.280 min
Delta R.T.: 0.007 min
Response: 11347977
Conc: 24.94 ng/ml



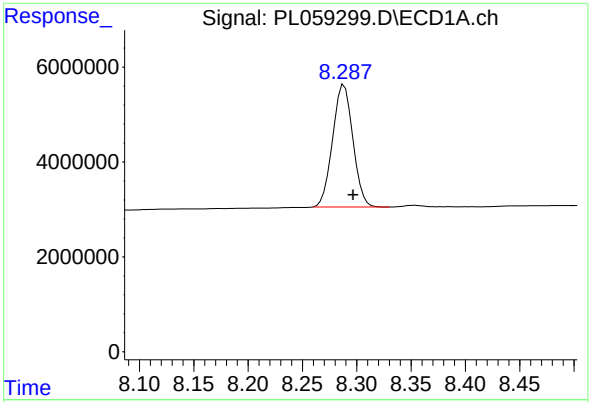
#27 Chlordane-5

R.T.: 6.354 min
Delta R.T.: -0.020 min
Response: 531169
Conc: 10.67 ng/ml



#27 Chlordane-5

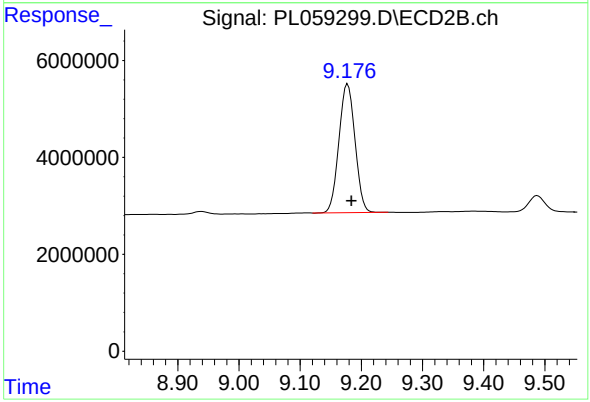
R.T.: 0.000 min
Exp R.T. : 7.080 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.288 min
Delta R.T.: -0.008 min
Response: 33551510
Conc: 20.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.178 min
Delta R.T.: -0.006 min
Response: 48576095
Conc: 20.49 ng/ml