Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061820\
Data File : PL059335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2020 16:21
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 17:48:02 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...	3.519	4.072	37637124	57095841	21.795	21.944	
28)	SA Decachlor...	8.290	9.181	29061471	39222208	17.673	16.546	
	Target Compounds							
2)	A alpha-BHC	3.960	4.464	24791237	36930064	9.903	9.608	
3)	MA gamma-BHC...	4.245	4.751	21131043	34503123	9.635	9.455	
4)	MA Heptachlor	0.000	5.260	0	318369	N.D.	0.092	#
5)	MB Aldrin	4.791	5.560	217766	182291	0.122	0.058	#
6)	B beta-BHC	4.494	4.920	10342144	16889415	10.884	11.169	
7)	B delta-BHC	0.000	5.113f	0	1486417	N.D.	0.530	#
8)	B Heptachlo...	5.272f	5.952	8746143	33631247	5.120	12.141	#
9)	A Endosulfan I	5.576	6.346f	1006614	1823078	0.644	0.652	
10)	B gamma-Chl...	5.464	6.198	2340885	4198123	1.398	1.403	
11)	B alpha-Chl...	5.559f	6.278	1074820	5752434	0.644	1.893	#
12)	B 4,4'-DDE	5.722f	6.422	5262113	322605	3.460	0.116	#
13)	MA Dieldrin	0.000	6.588	0	416443	N.D.	0.143	#
14)	MA Endrin	6.086	6.796	73748714	101.6E6	48.674	40.811	
15)	B Endosulfa...	6.356	7.008	1028278	2276107	0.665	0.874	#
16)	A 4,4'-DDD	6.210	6.914	4168980	5685459	3.154	2.450	
17)	MA 4,4'-DDT	6.452	7.215	131.7E6	210.8E6	104.412	92.566	
18)	B Endrin al...	6.524	7.129	1029570	837813	0.782	0.366	#
20)	A Methoxychlor	6.997	7.672	228.3E6	359.9E6	297.265	272.967	
21)	B Endrin ke...	7.230	7.824	2364285	12762003	1.362	4.864	#
22)	Mirex	7.407f	0.000	291772	0	0.211	N.D.	#
23)	Chlordane-1	4.424f	0.000	591480	0	11.759	N.D.	#
24)	Chlordane-2	4.893	5.560	2263560	182291	43.380	1.911	#
25)	Chlordane-3	5.464	6.198	2340885	4198123	15.842	11.195	#
26)	Chlordane-4	5.559f	6.278	1074820	5752434	8.960	12.641	#
27)	Chlordane-5	6.356f	0.000	1028278	0	20.663	N.D.	#

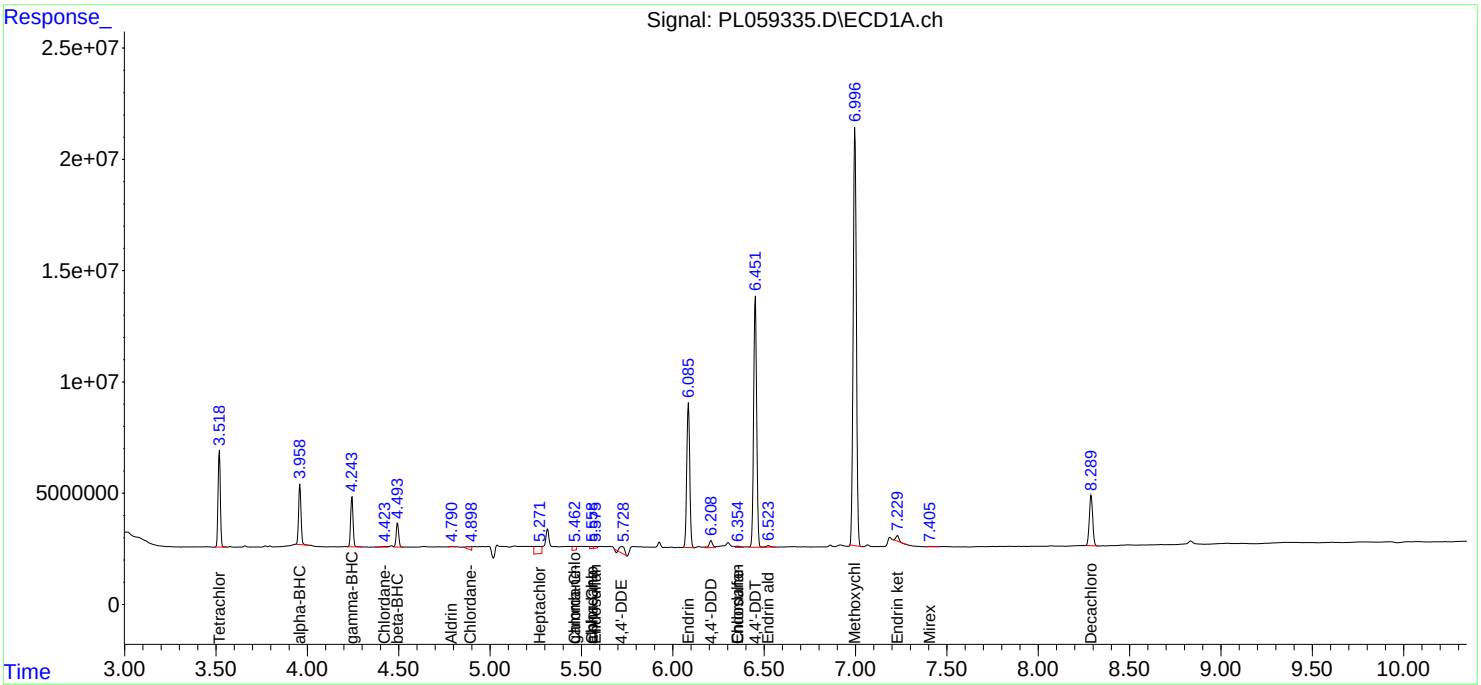
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

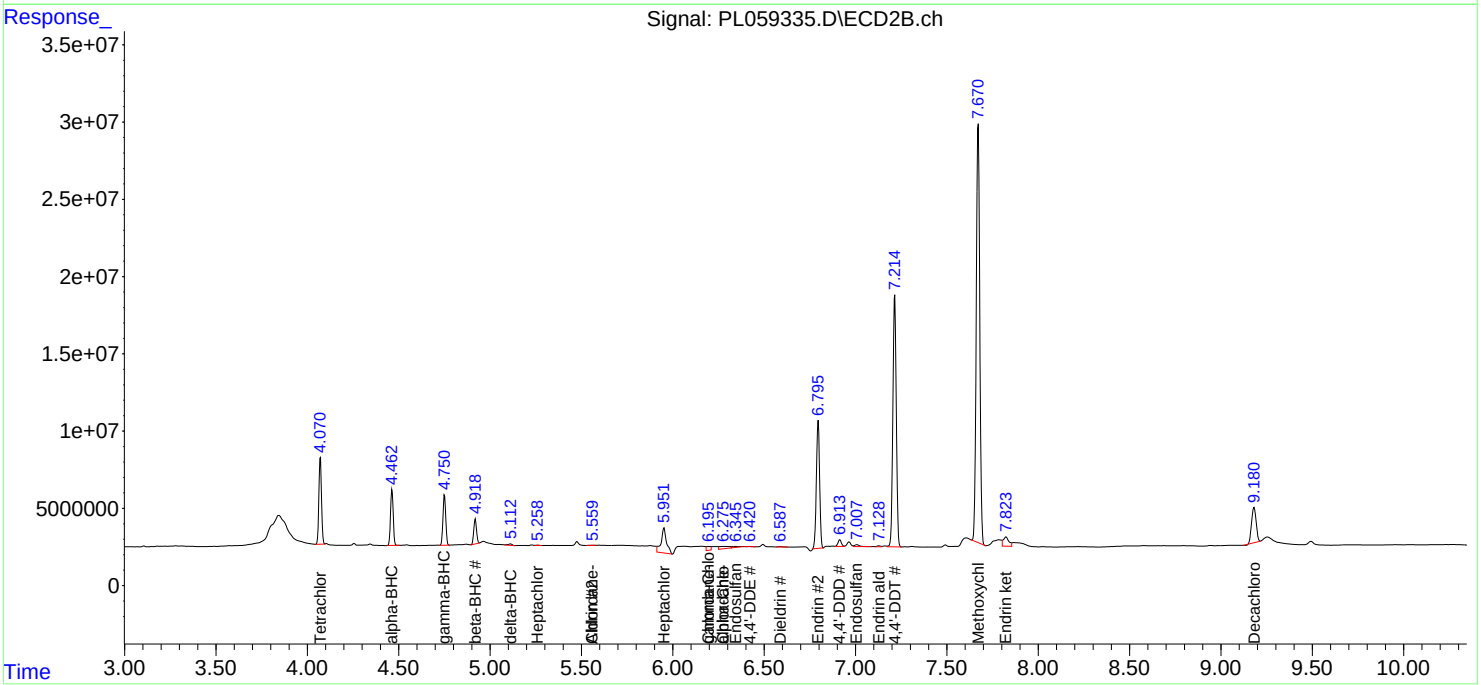
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061820\
Data File : PL059335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2020 16:21
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

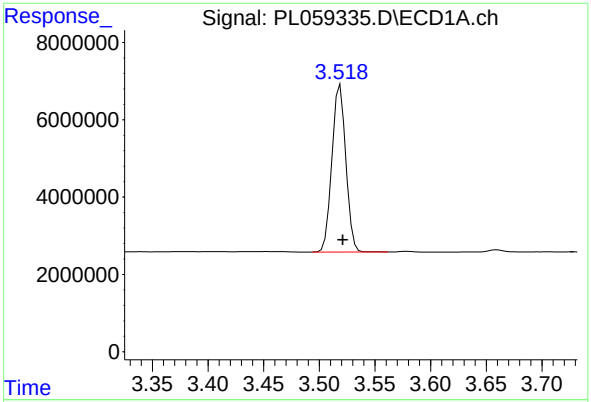
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 17:48:02 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



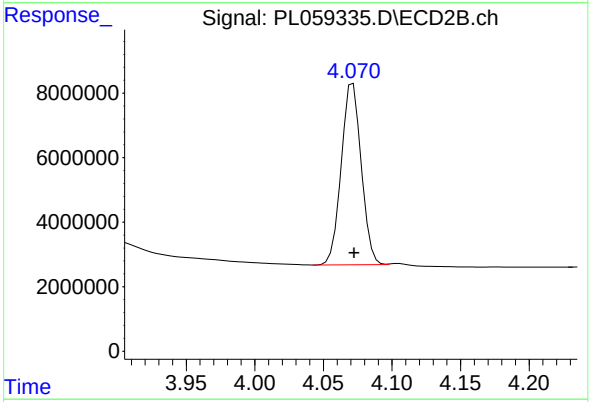




#1 Tetrachloro-m-xylene

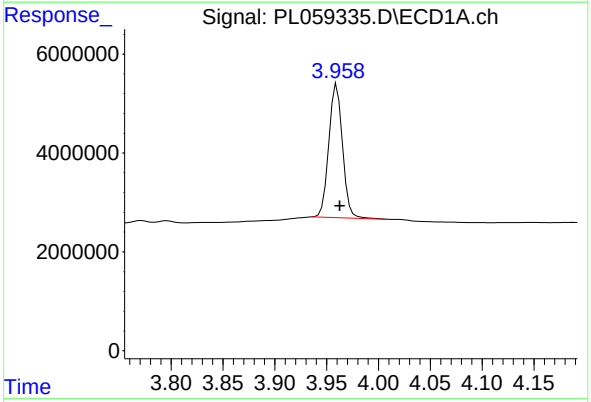
R.T.: 3.519 min
Delta R.T.: -0.002 min
Response: 37637124
Conc: 21.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



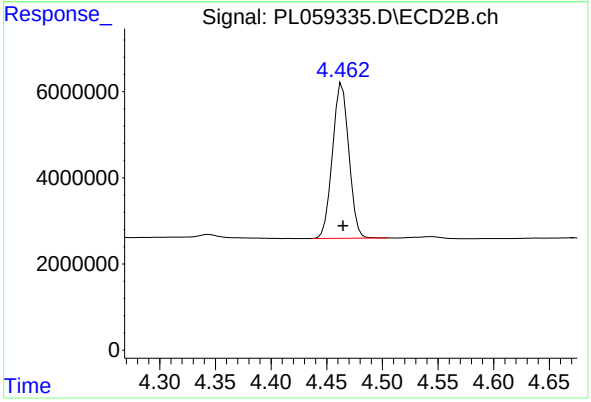
#1 Tetrachloro-m-xylene

R.T.: 4.072 min
Delta R.T.: 0.000 min
Response: 57095841
Conc: 21.94 ng/ml



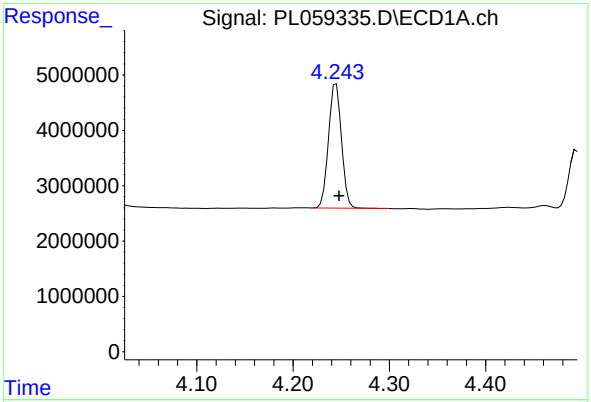
#2 alpha-BHC

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 24791237
Conc: 9.90 ng/ml



#2 alpha-BHC

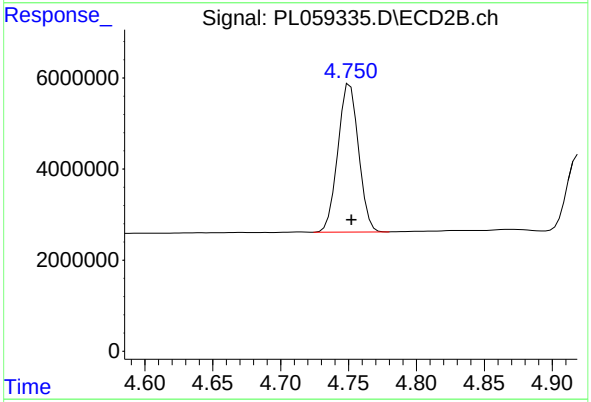
R.T.: 4.464 min
Delta R.T.: -0.001 min
Response: 36930064
Conc: 9.61 ng/ml



#3 gamma-BHC (Lindane)

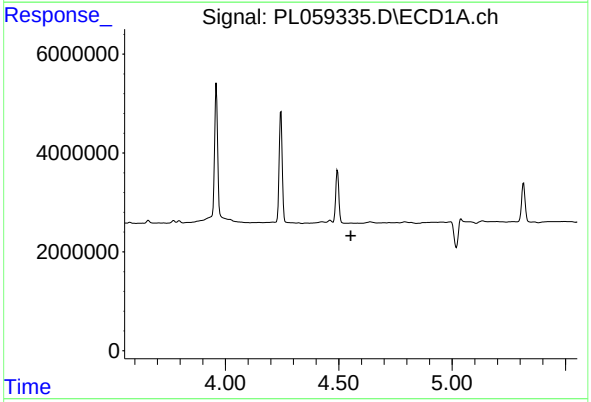
R.T.: 4.245 min
Delta R.T.: -0.003 min
Response: 21131043
Conc: 9.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



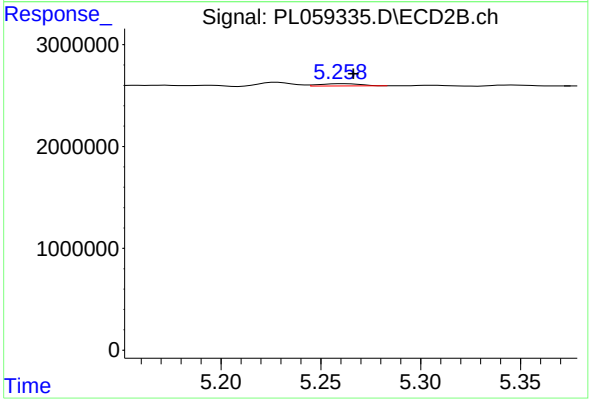
#3 gamma-BHC (Lindane)

R.T.: 4.751 min
Delta R.T.: -0.001 min
Response: 34503123
Conc: 9.45 ng/ml



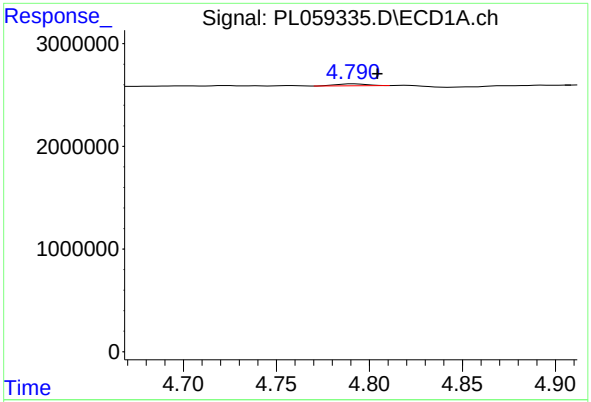
#4 Heptachlor

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



#4 Heptachlor

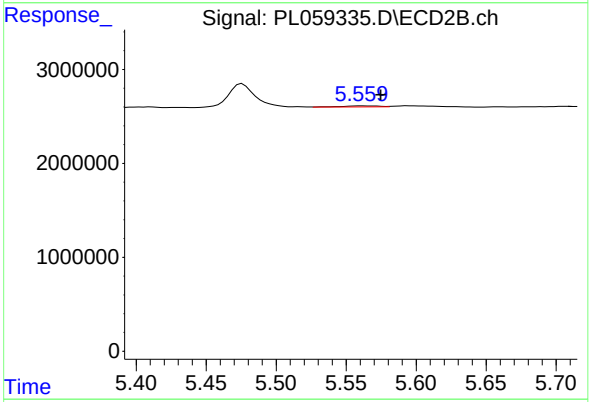
R.T.: 5.260 min
Delta R.T.: -0.006 min
Response: 318369
Conc: 0.09 ng/ml



#5 Aldrin

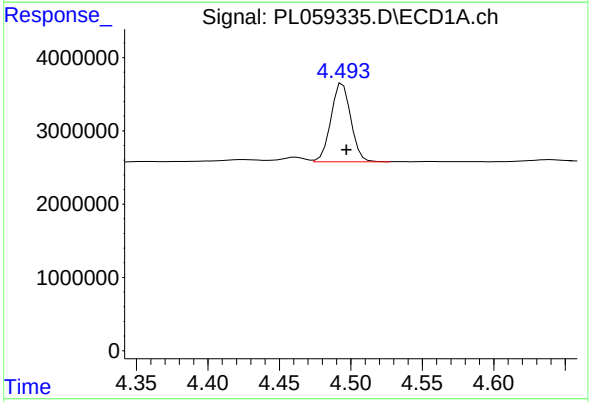
R.T.: 4.791 min
Delta R.T.: -0.013 min
Response: 217766
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



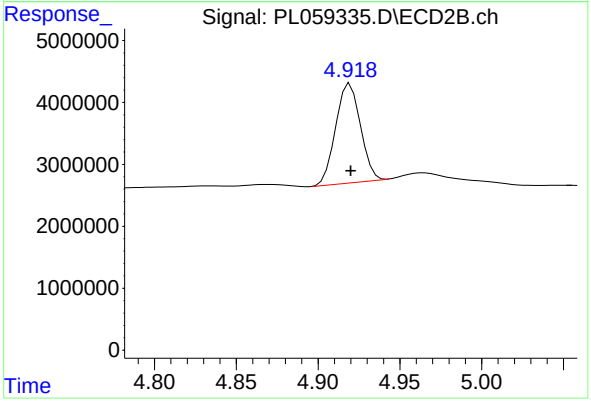
#5 Aldrin

R.T.: 5.560 min
Delta R.T.: -0.014 min
Response: 182291
Conc: 0.06 ng/ml



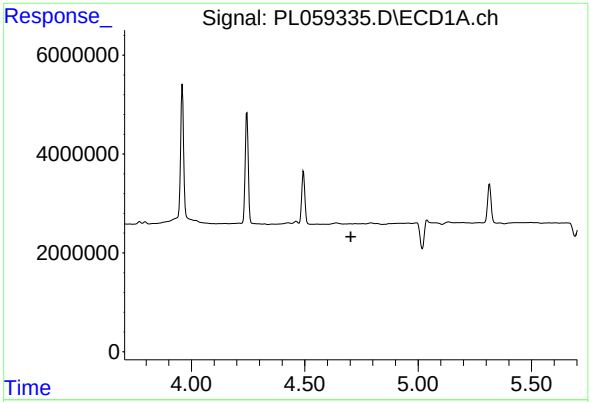
#6 beta-BHC

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 10342144
Conc: 10.88 ng/ml



#6 beta-BHC

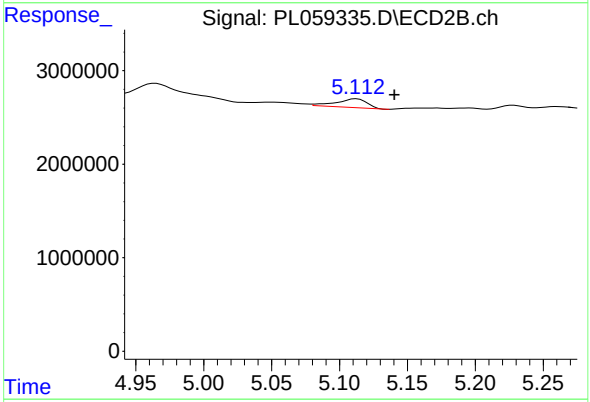
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 16889415
Conc: 11.17 ng/ml



#7 delta-BHC

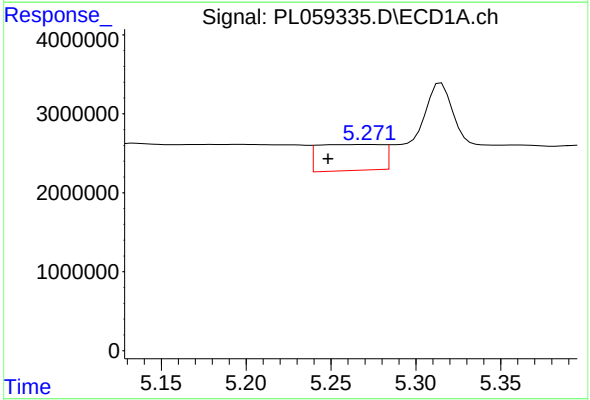
R.T.: 0.000 min
Exp R.T. : 4.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



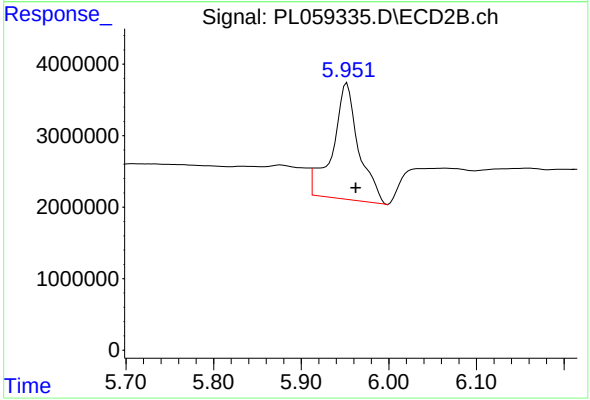
#7 delta-BHC

R.T.: 5.113 min
Delta R.T.: -0.028 min
Response: 1486417
Conc: 0.53 ng/ml



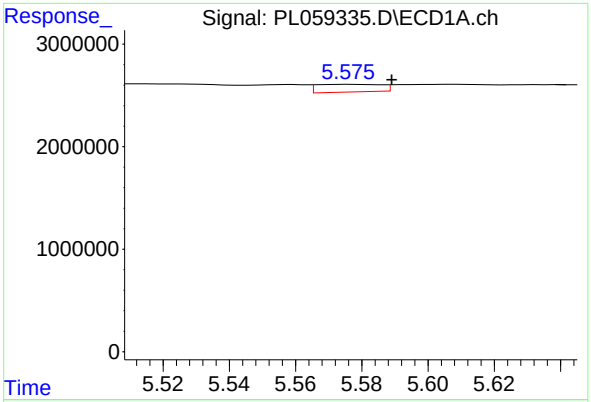
#8 Heptachlor epoxide

R.T.: 5.272 min
Delta R.T.: 0.024 min
Response: 8746143
Conc: 5.12 ng/ml



#8 Heptachlor epoxide

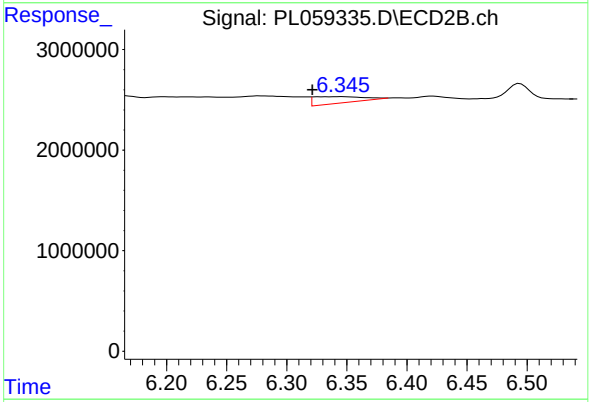
R.T.: 5.952 min
Delta R.T.: -0.010 min
Response: 33631247
Conc: 12.14 ng/ml



#9 Endosulfan I

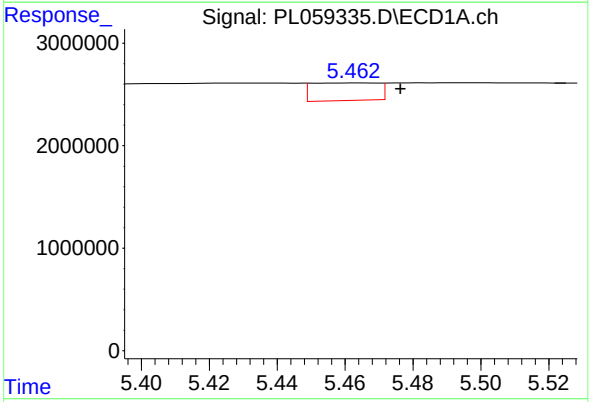
R.T.: 5.576 min
Delta R.T.: -0.013 min
Response: 1006614
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



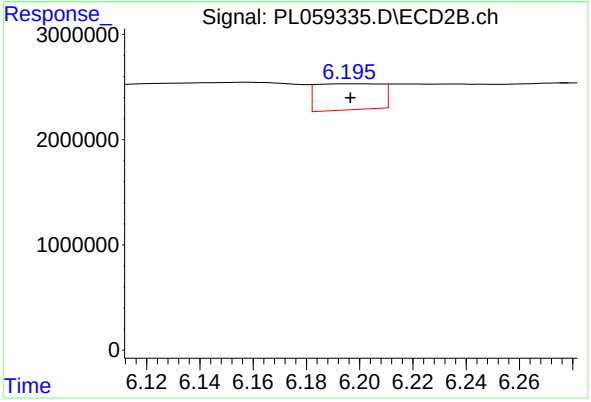
#9 Endosulfan I

R.T.: 6.346 min
Delta R.T.: 0.025 min
Response: 1823078
Conc: 0.65 ng/ml



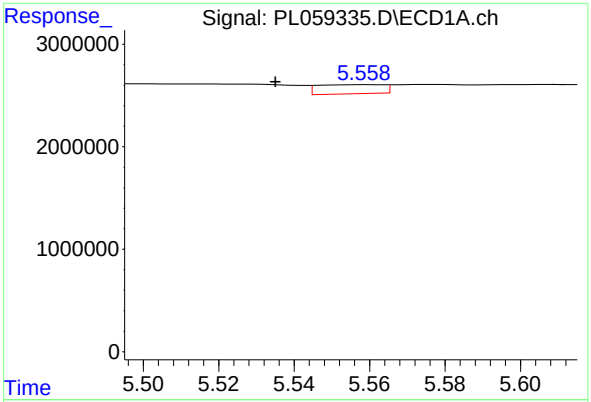
#10 gamma-Chlordane

R.T.: 5.464 min
Delta R.T.: -0.013 min
Response: 2340885
Conc: 1.40 ng/ml



#10 gamma-Chlordane

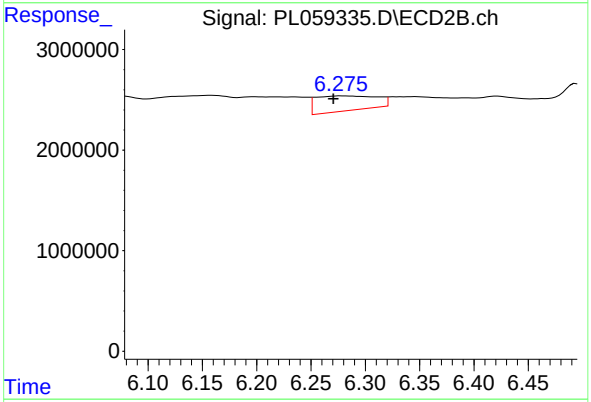
R.T.: 6.198 min
Delta R.T.: 0.001 min
Response: 4198123
Conc: 1.40 ng/ml



#11 alpha-Chlordane

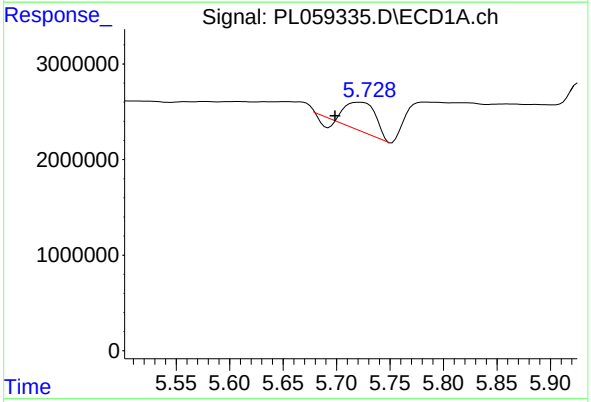
R.T.: 5.559 min
Delta R.T.: 0.024 min
Response: 1074820
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



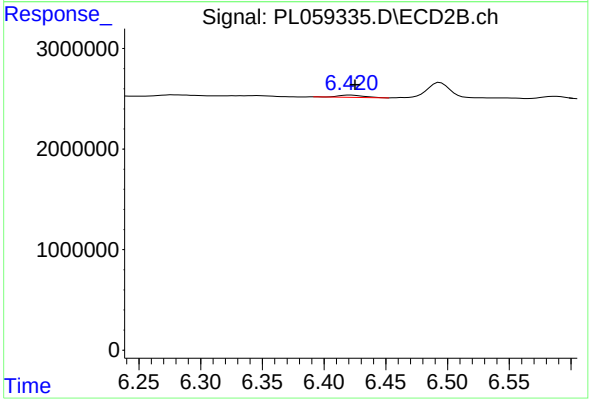
#11 alpha-Chlordane

R.T.: 6.278 min
Delta R.T.: 0.007 min
Response: 5752434
Conc: 1.89 ng/ml



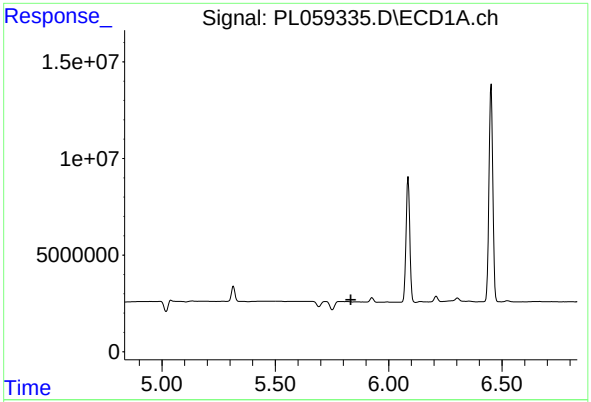
#12 4,4'-DDE

R.T.: 5.722 min
Delta R.T.: 0.023 min
Response: 5262113
Conc: 3.46 ng/ml



#12 4,4'-DDE

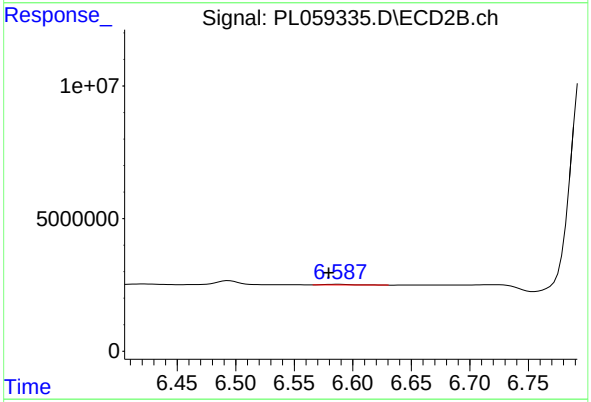
R.T.: 6.422 min
Delta R.T.: -0.004 min
Response: 322605
Conc: 0.12 ng/ml



#13 Dieldrin

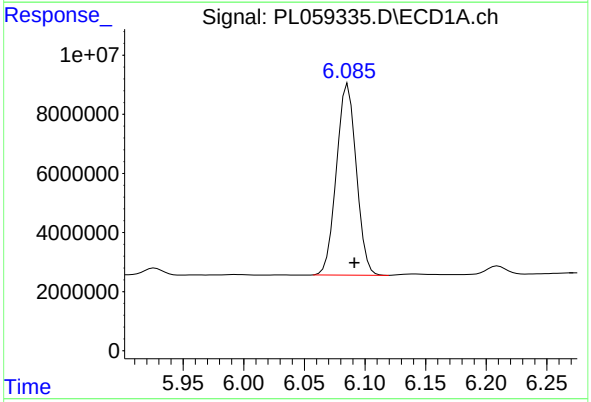
R.T.: 0.000 min
Exp R.T. : 5.833 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



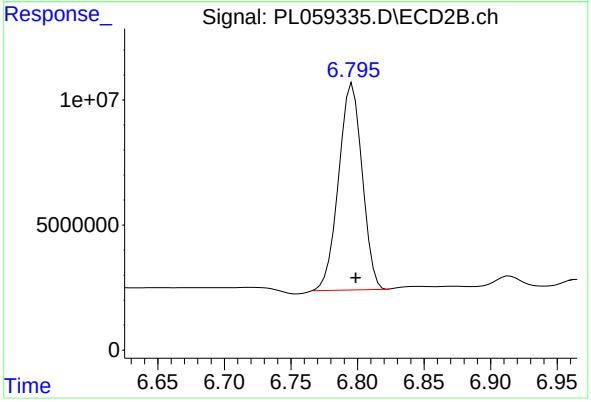
#13 Dieldrin

R.T.: 6.588 min
Delta R.T.: 0.009 min
Response: 416443
Conc: 0.14 ng/ml



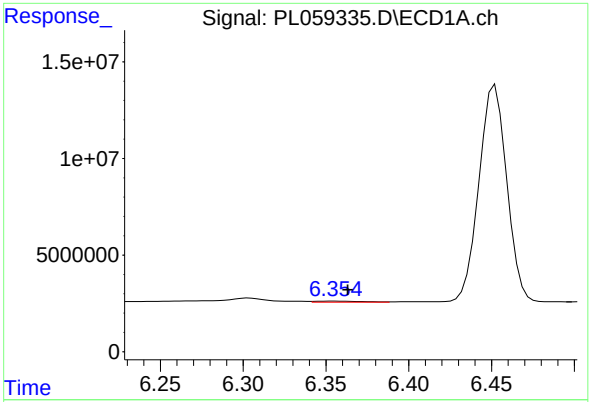
#14 Endrin

R.T.: 6.086 min
Delta R.T.: -0.005 min
Response: 73748714
Conc: 48.67 ng/ml



#14 Endrin

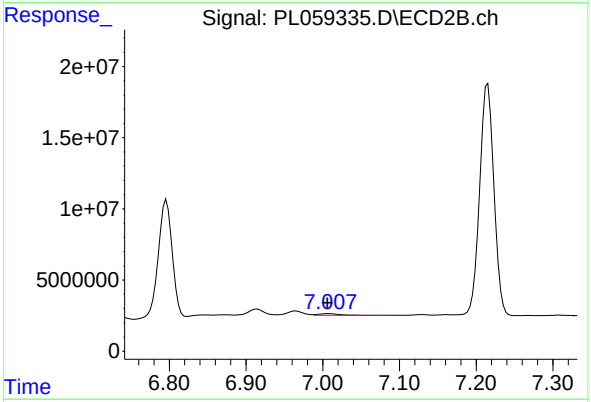
R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 101635447
Conc: 40.81 ng/ml



#15 Endosulfan II

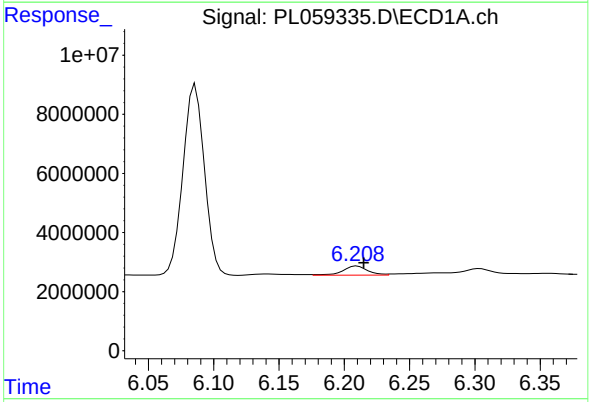
R.T.: 6.356 min
Delta R.T.: -0.008 min
Response: 1028278
Conc: 0.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



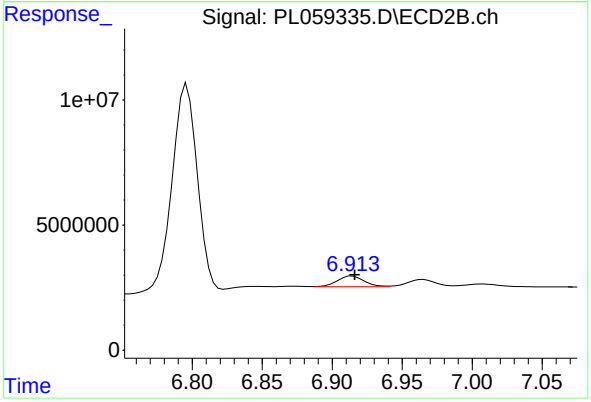
#15 Endosulfan II

R.T.: 7.008 min
Delta R.T.: 0.002 min
Response: 2276107
Conc: 0.87 ng/ml



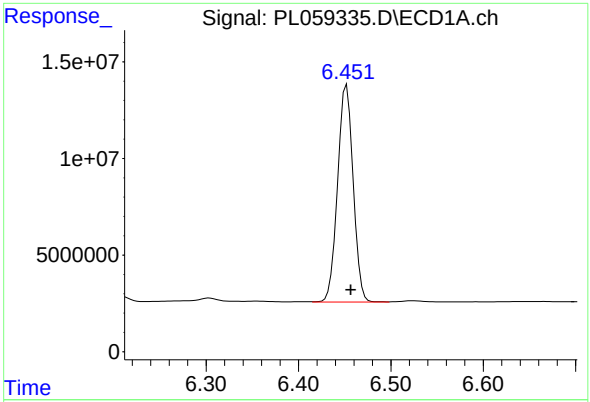
#16 4,4'-DDD

R.T.: 6.210 min
Delta R.T.: -0.005 min
Response: 4168980
Conc: 3.15 ng/ml



#16 4,4'-DDD

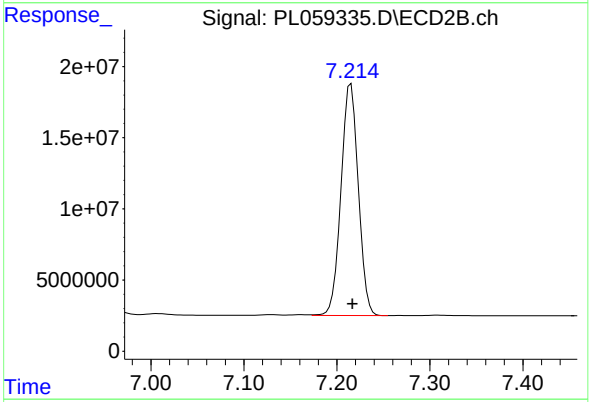
R.T.: 6.914 min
Delta R.T.: -0.002 min
Response: 5685459
Conc: 2.45 ng/ml



#17 4,4'-DDT

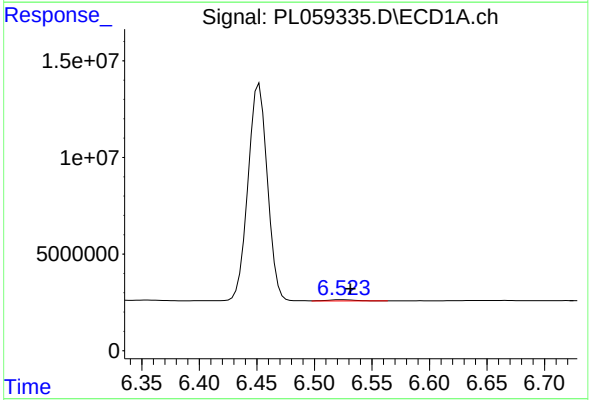
R.T.: 6.452 min
Delta R.T.: -0.004 min
Response: 131708801
Conc: 104.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



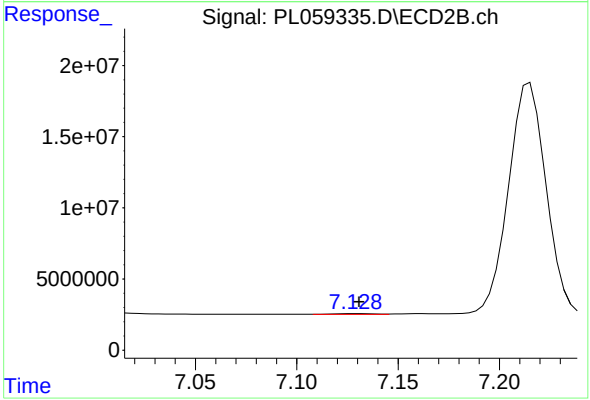
#17 4,4'-DDT

R.T.: 7.215 min
Delta R.T.: -0.002 min
Response: 210789918
Conc: 92.57 ng/ml



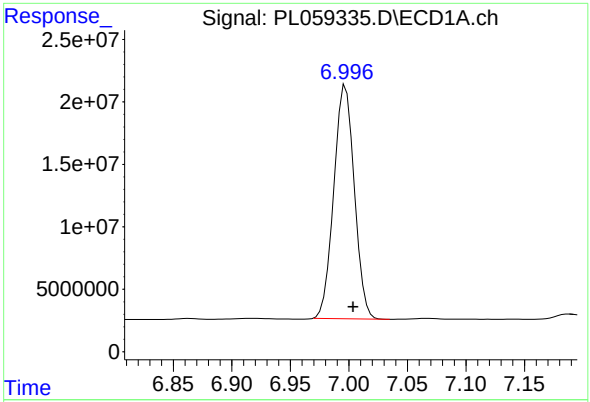
#18 Endrin aldehyde

R.T.: 6.524 min
Delta R.T.: -0.007 min
Response: 1029570
Conc: 0.78 ng/ml



#18 Endrin aldehyde

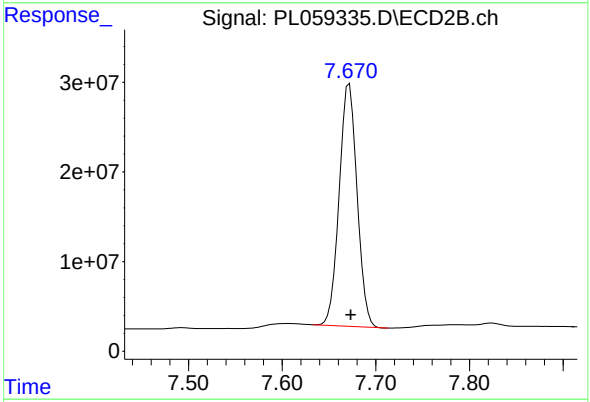
R.T.: 7.129 min
Delta R.T.: -0.002 min
Response: 837813
Conc: 0.37 ng/ml



#20 Methoxychlor

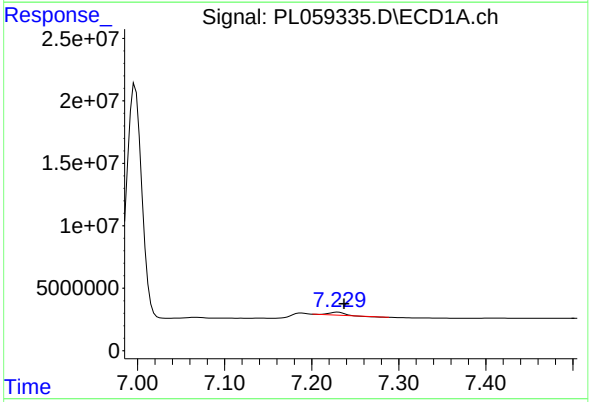
R.T.: 6.997 min
Delta R.T.: -0.006 min
Response: 228339148
Conc: 297.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



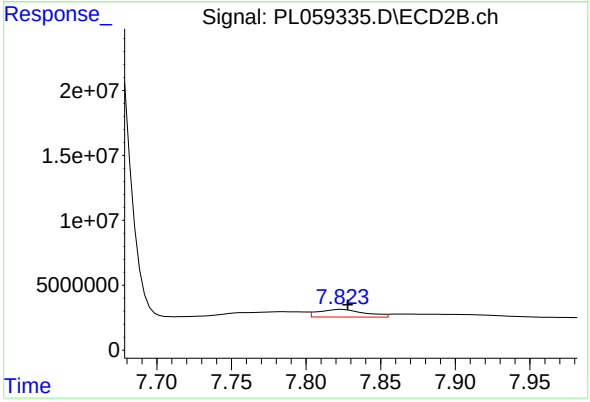
#20 Methoxychlor

R.T.: 7.672 min
Delta R.T.: -0.002 min
Response: 359946080
Conc: 272.97 ng/ml



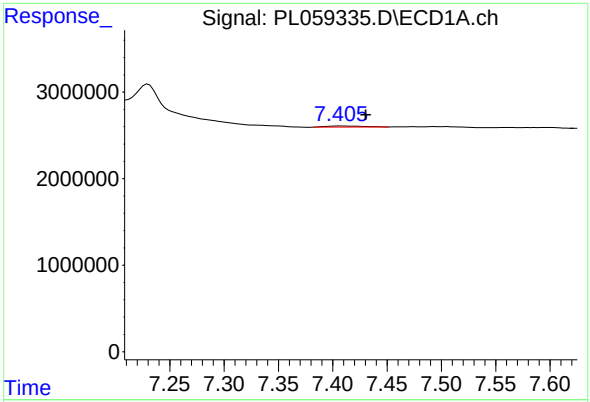
#21 Endrin ketone

R.T.: 7.230 min
Delta R.T.: -0.007 min
Response: 2364285
Conc: 1.36 ng/ml



#21 Endrin ketone

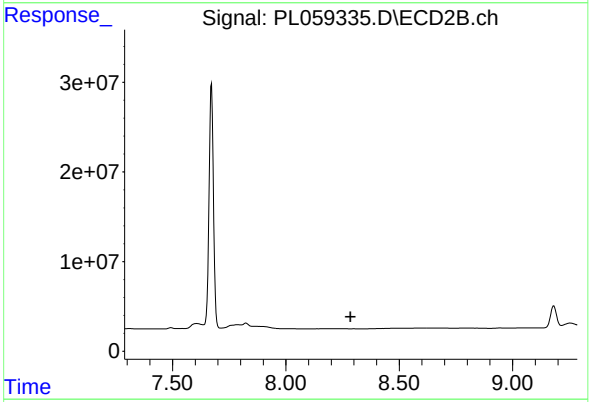
R.T.: 7.824 min
Delta R.T.: -0.004 min
Response: 12762003
Conc: 4.86 ng/ml



#22 Mirex

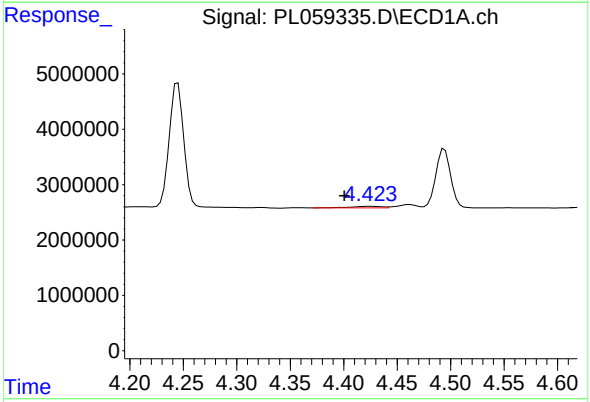
R.T.: 7.407 min
Delta R.T.: -0.023 min
Response: 291772
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



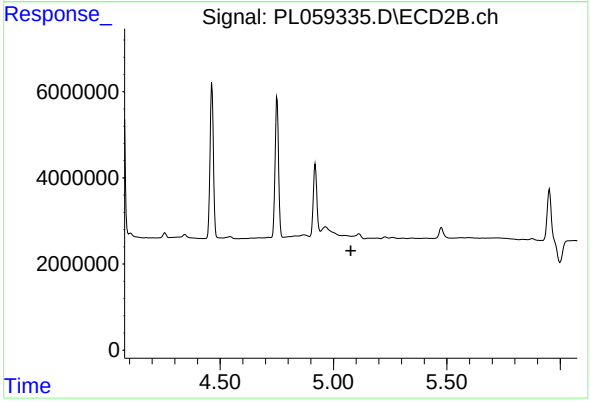
#22 Mirex

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



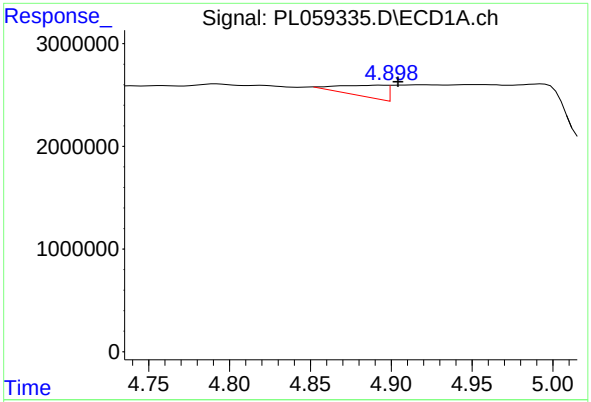
#23 Chlordane-1

R.T.: 4.424 min
Delta R.T.: 0.024 min
Response: 591480
Conc: 11.76 ng/ml



#23 Chlordane-1

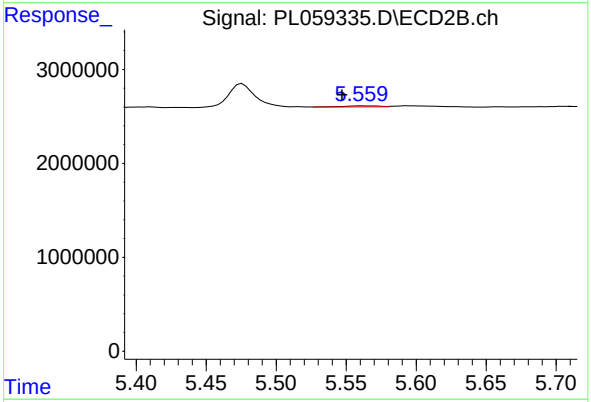
R.T.: 0.000 min
Exp R.T. : 5.077 min
Response: 0
Conc: N.D.



#24 Chlordane-2

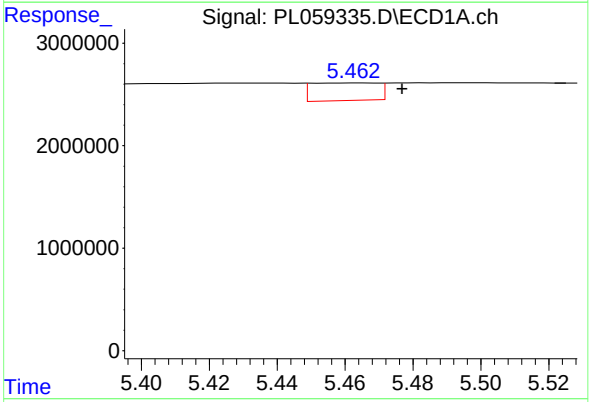
R.T.: 4.893 min
Delta R.T.: -0.011 min
Response: 2263560
Conc: 43.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



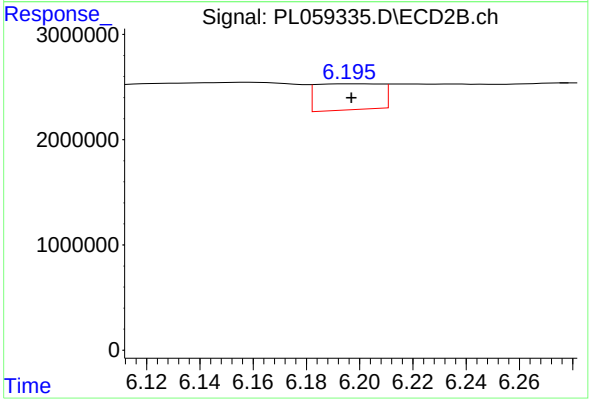
#24 Chlordane-2

R.T.: 5.560 min
Delta R.T.: 0.013 min
Response: 182291
Conc: 1.91 ng/ml



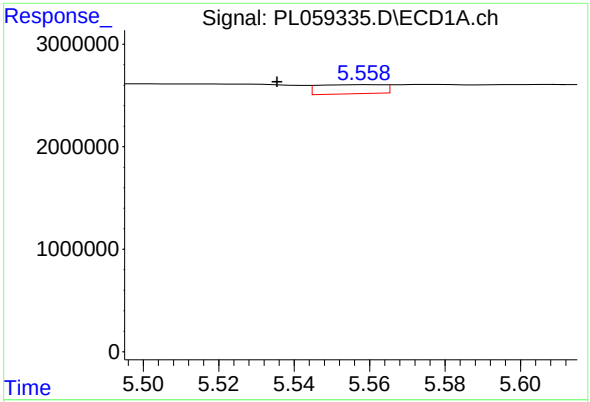
#25 Chlordane-3

R.T.: 5.464 min
Delta R.T.: -0.013 min
Response: 2340885
Conc: 15.84 ng/ml



#25 Chlordane-3

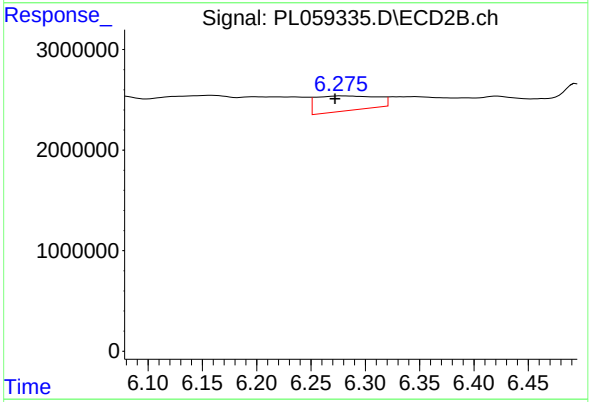
R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 4198123
Conc: 11.20 ng/ml



#26 Chlordane-4

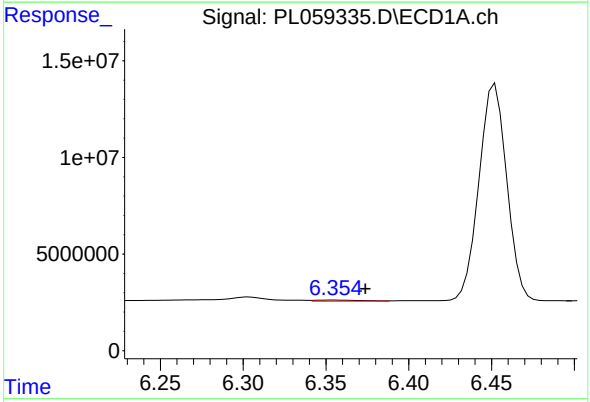
R.T.: 5.559 min
Delta R.T.: 0.024 min
Response: 1074820
Conc: 8.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



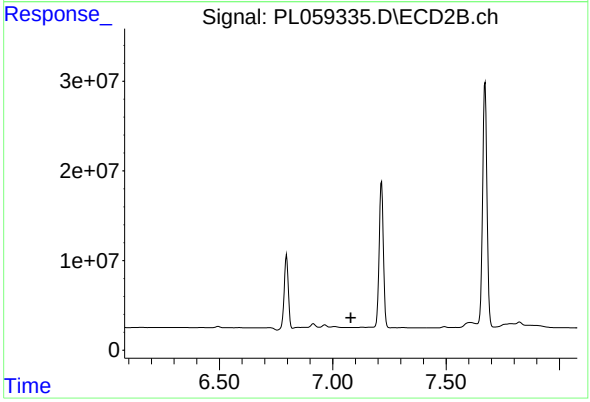
#26 Chlordane-4

R.T.: 6.278 min
Delta R.T.: 0.005 min
Response: 5752434
Conc: 12.64 ng/ml



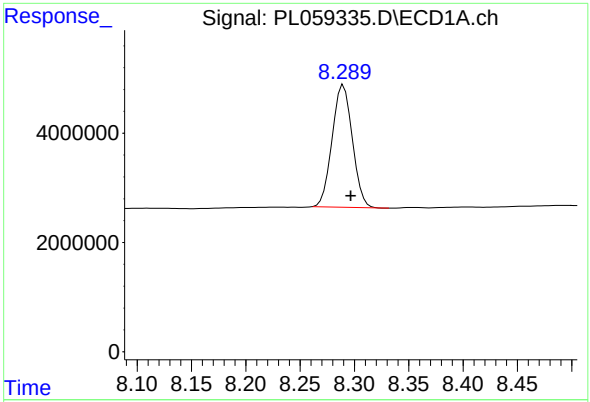
#27 Chlordane-5

R.T.: 6.356 min
Delta R.T.: -0.018 min
Response: 1028278
Conc: 20.66 ng/ml



#27 Chlordane-5

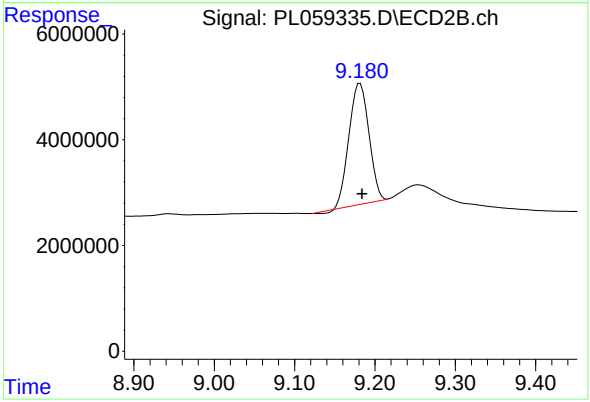
R.T.: 0.000 min
Exp R.T. : 7.080 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.290 min
Delta R.T.: -0.007 min
Response: 29061471
Conc: 17.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.181 min
Delta R.T.: -0.003 min
Response: 39222208
Conc: 16.55 ng/ml