Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 09:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
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...	3.549	2.878	44858826	363.1E6	18.187	22.925	#
28)	SA Decachlor...	9.069	8.066	65545586	444.6E6	17.638	22.146	#
	Target Compounds							
2)	A alpha-BHC	3.998	3.390	43068367	303.0E6	8.694	12.467	#
3)	MA gamma-BHC...	4.329	3.727	43629196	277.5E6	9.181	12.322	#
4)	MA Heptachlor	4.952f	4.076	450719	1670201	0.094	0.072	
5)	MB Aldrin	5.258	4.364	353028	2117509	0.077	0.095	
6)	B beta-BHC	4.515	4.022	18260050	118.4E6	9.899	12.275	
7)	B delta-BHC	4.774	4.263	1327846	1471344	0.290	0.065	#
8)	B Heptachlo...	5.681	4.879	4418310	3957073	1.057	0.193	#
10)	B gamma-Chl...	5.943	5.120	364993	21860659	0.087	1.010	#
11)	B alpha-Chl...	6.031	5.183	843284	50087480	0.201	2.406	#
12)	B 4,4'-DDE	6.196	5.373	271908	6550727	0.073	0.310	#
13)	MA Dieldrin	6.364f	5.503	300319	6431179	0.071	0.297	#
14)	MA Endrin	6.572	5.785	160.3E6	1119.0E6	44.811	56.159	#
15)	B Endosulfa...	6.768f	6.082	3711894	6307838	1.012	0.336	#
16)	A 4,4'-DDD	6.703	5.926	13856915	33503146	4.627	1.900	#
17)	MA 4,4'-DDT	7.019	6.178	278.3E6	1969.1E6	82.832	107.178	#
18)	B Endrin al...	6.914	6.252	1169912	14986496	0.469	1.160	#
19)	B Endosulfa...	0.000	6.463f	0	1523654	N.D.	0.082	#
20)	A Methoxychlor	7.491	6.748	343.4E6	2079.1E6	192.087	212.254	
21)	B Endrin ke...	7.627	6.985	2418685	25812094	0.651	1.286	#
22)	Mirex	8.115	7.171	155071	7674503	0.056	0.504	#
23)	Chlordane-1	0.000	3.900	0	1279474	N.D.	1.749	#
24)	Chlordane-2	5.258	4.494	353028	74219050	2.078	97.100	#
25)	Chlordane-3	5.943	5.120	364993	21860659	0.532	9.446	#
26)	Chlordane-4	6.031	5.183	843284	50087480	1.007	25.175	#
27)	Chlordane-5	0.000	6.082	0	6307838	N.D.	6.972	#

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

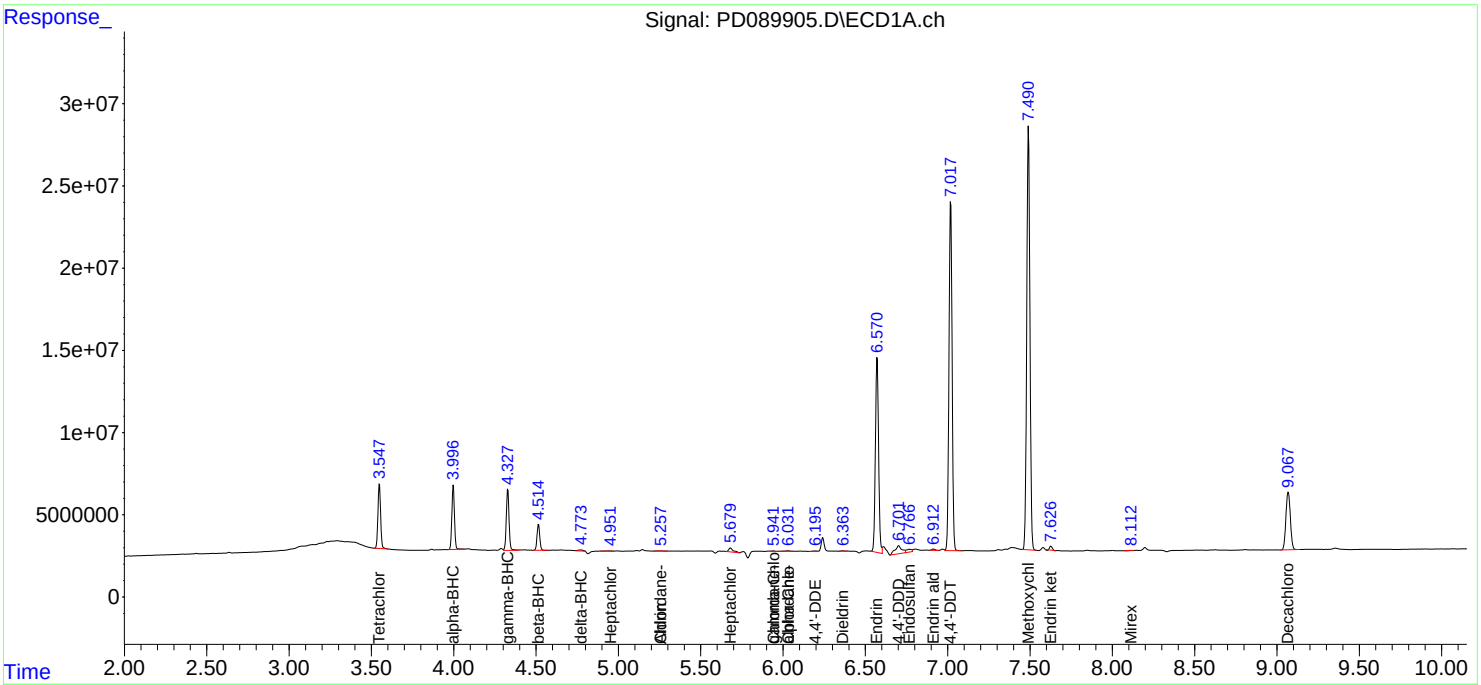
Quantitation Report (Not Reviewed)

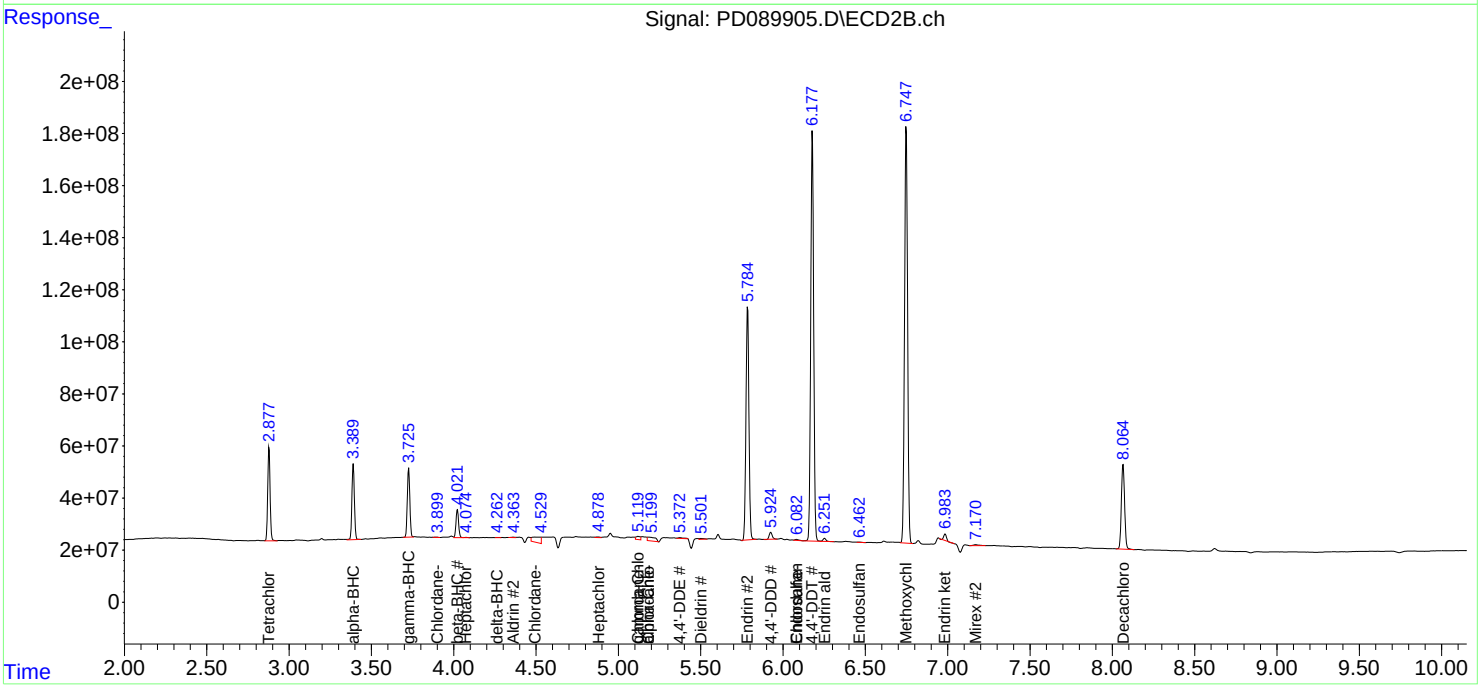
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 09:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

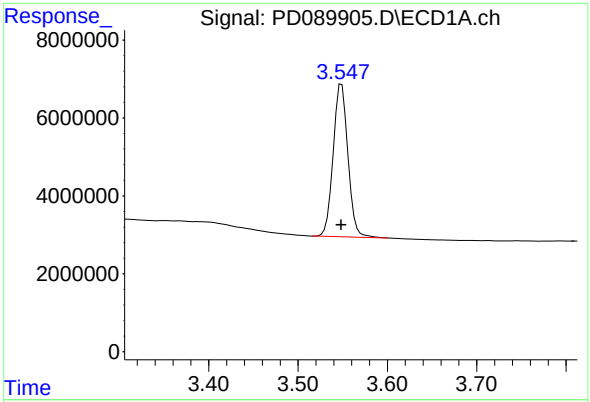
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
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



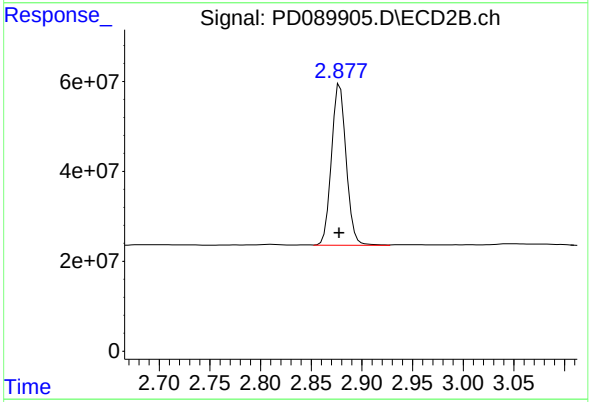




#1 Tetrachloro-m-xylene

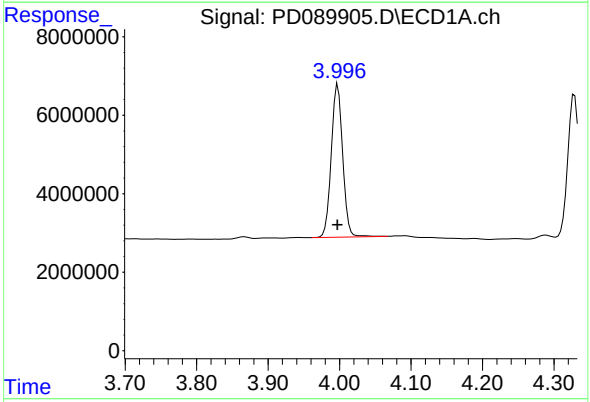
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 44858826
Conc: 18.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



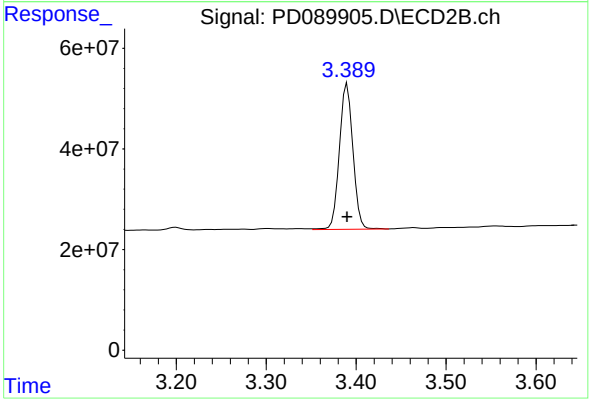
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 363085697
Conc: 22.93 ng/ml



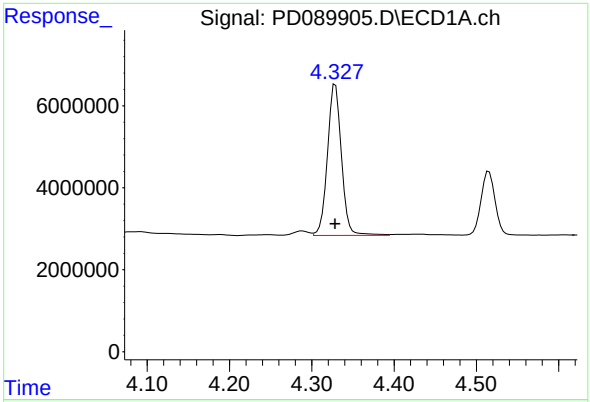
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 43068367
Conc: 8.69 ng/ml



#2 alpha-BHC

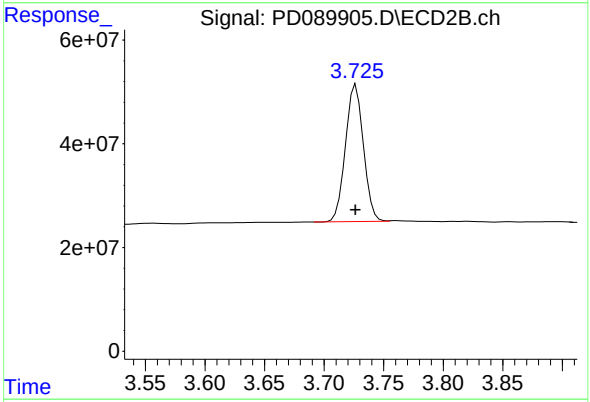
R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 303018960
Conc: 12.47 ng/ml



#3 gamma-BHC (Lindane)

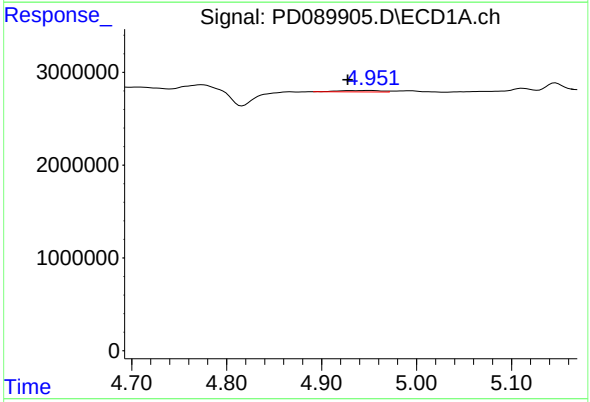
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 43629196
Conc: 9.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



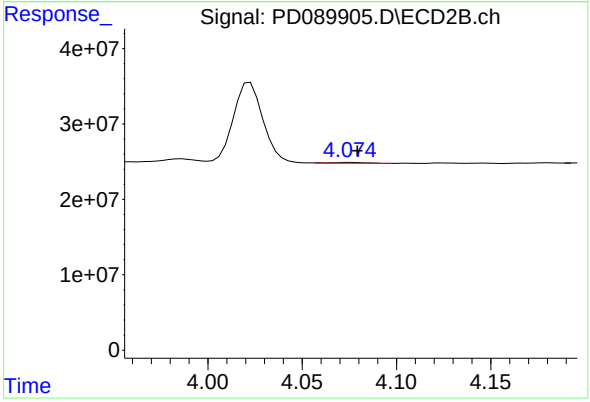
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 277538653
Conc: 12.32 ng/ml



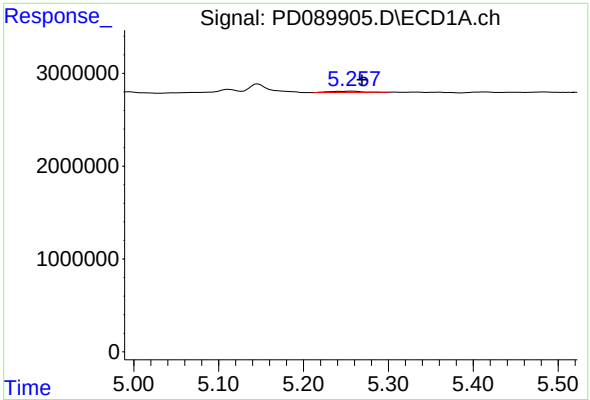
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.024 min
Response: 450719
Conc: 0.09 ng/ml



#4 Heptachlor

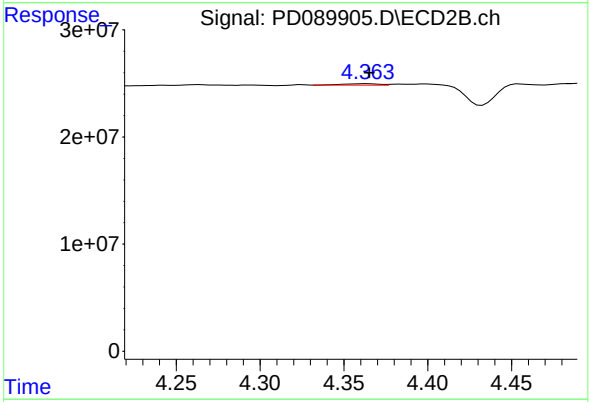
R.T.: 4.076 min
Delta R.T.: -0.004 min
Response: 1670201
Conc: 0.07 ng/ml



#5 Aldrin

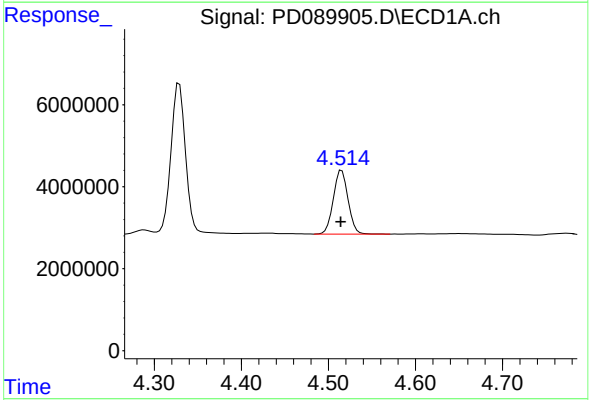
R.T.: 5.258 min
Delta R.T.: -0.011 min
Response: 353028
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



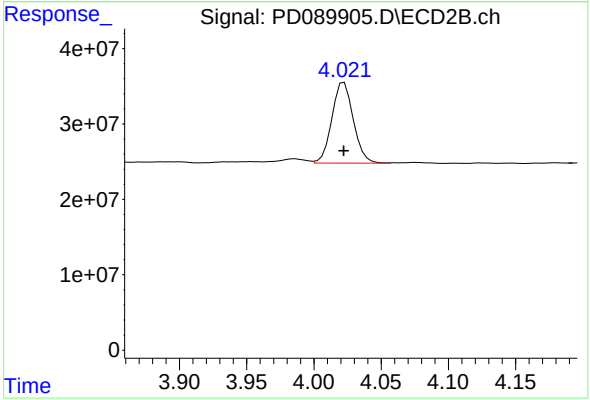
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.001 min
Response: 2117509
Conc: 0.10 ng/ml



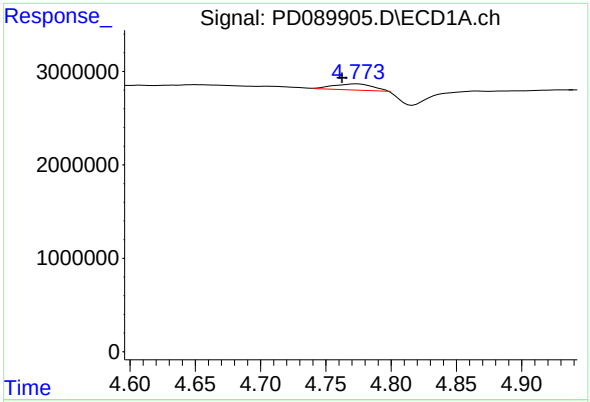
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 18260050
Conc: 9.90 ng/ml



#6 beta-BHC

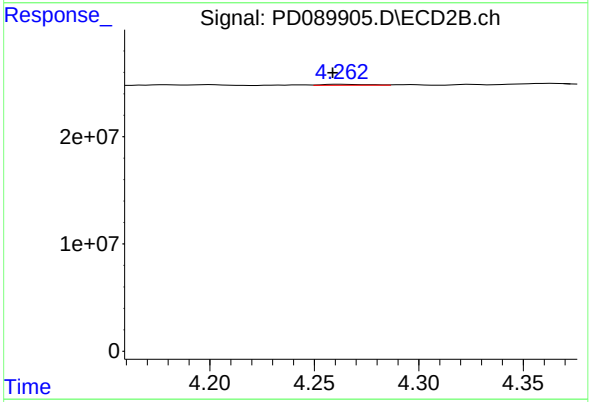
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 118444941
Conc: 12.28 ng/ml



#7 delta-BHC

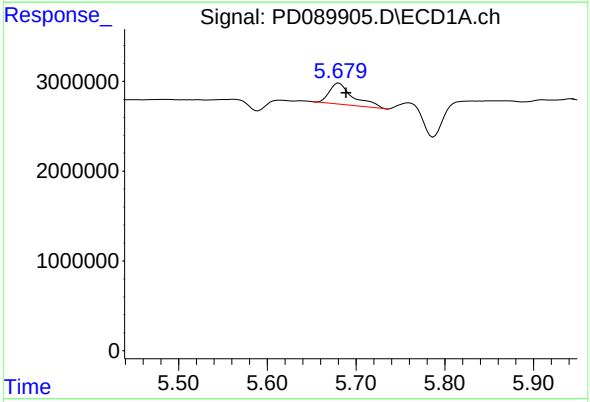
R.T.: 4.774 min
Delta R.T.: 0.011 min
Response: 1327846
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



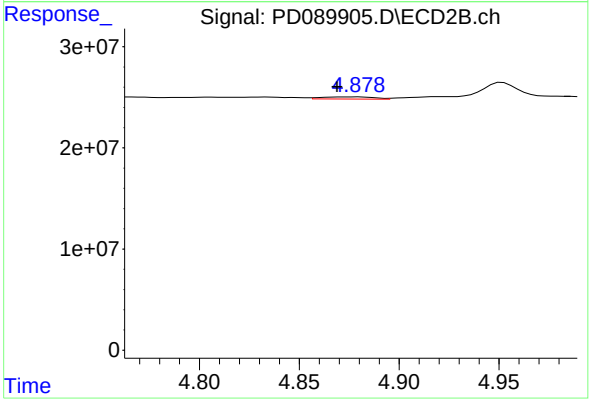
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: 0.004 min
Response: 1471344
Conc: 0.06 ng/ml



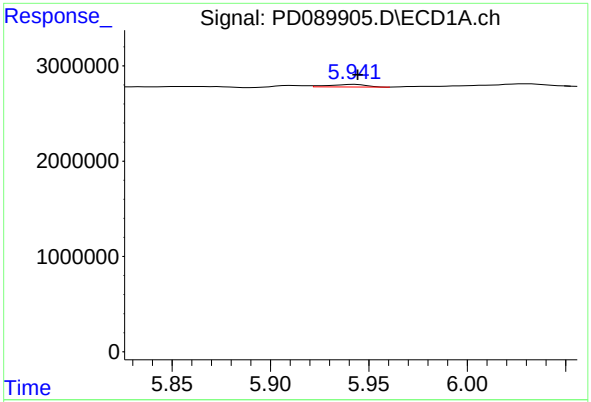
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.008 min
Response: 4418310
Conc: 1.06 ng/ml



#8 Heptachlor epoxide

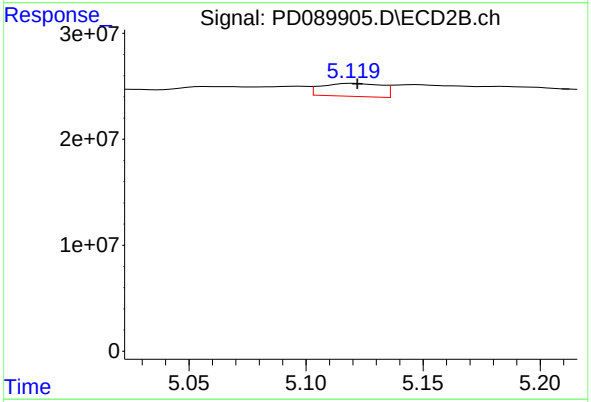
R.T.: 4.879 min
Delta R.T.: 0.010 min
Response: 3957073
Conc: 0.19 ng/ml



#10 gamma-Chlordane

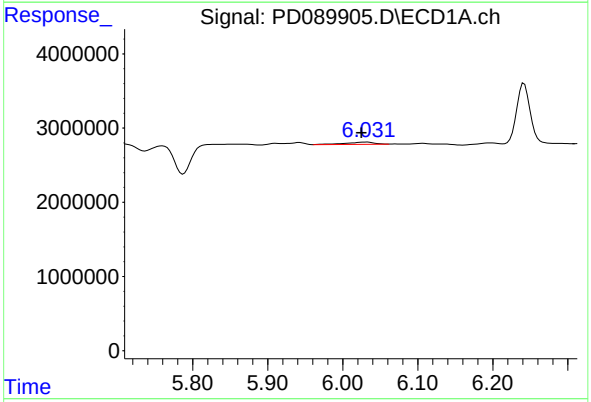
R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 364993
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



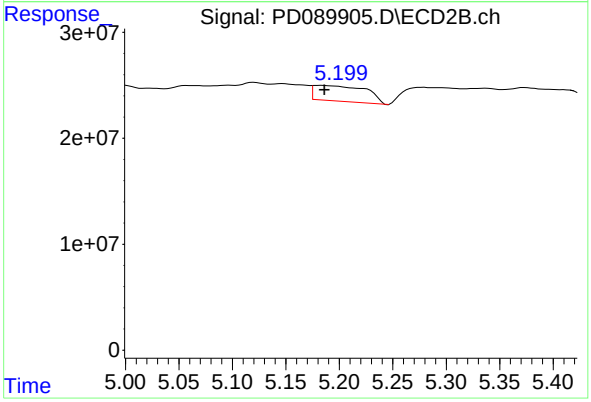
#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 21860659
Conc: 1.01 ng/ml



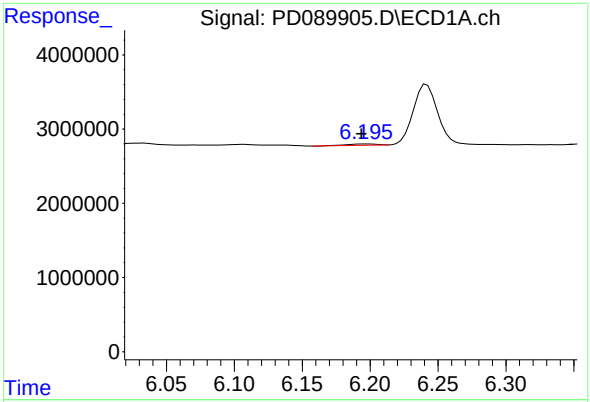
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.006 min
Response: 843284
Conc: 0.20 ng/ml



#11 alpha-Chlordane

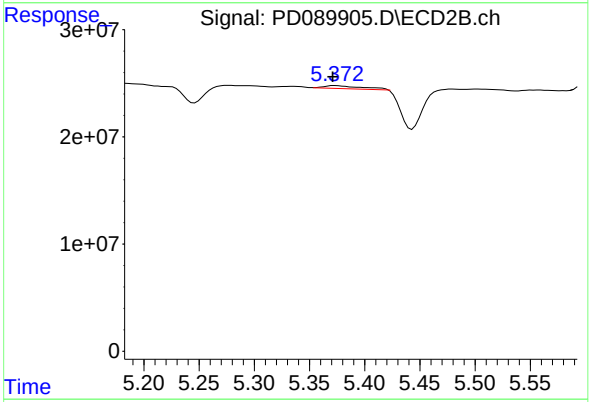
R.T.: 5.183 min
Delta R.T.: -0.003 min
Response: 50087480
Conc: 2.41 ng/ml



#12 4,4'-DDE

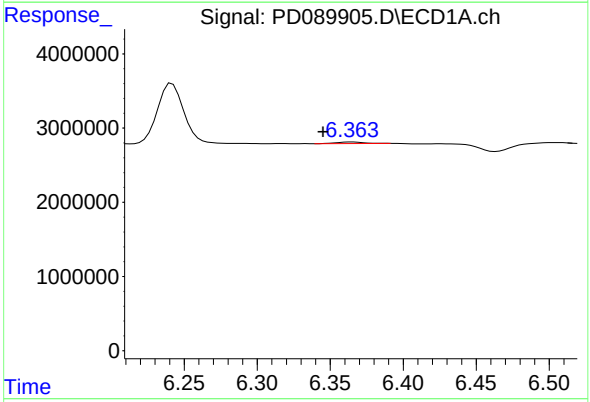
R.T.: 6.196 min
Delta R.T.: 0.003 min
Response: 271908
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



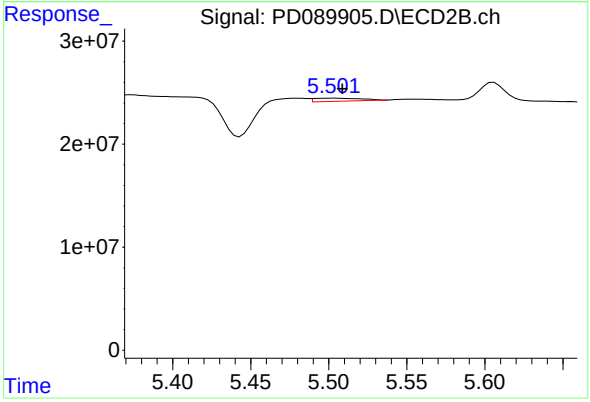
#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: 0.002 min
Response: 6550727
Conc: 0.31 ng/ml



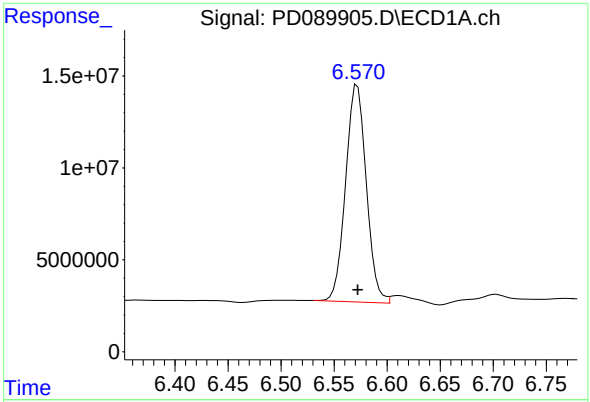
#13 Dieldrin

R.T.: 6.364 min
Delta R.T.: 0.019 min
Response: 300319
Conc: 0.07 ng/ml



#13 Dieldrin

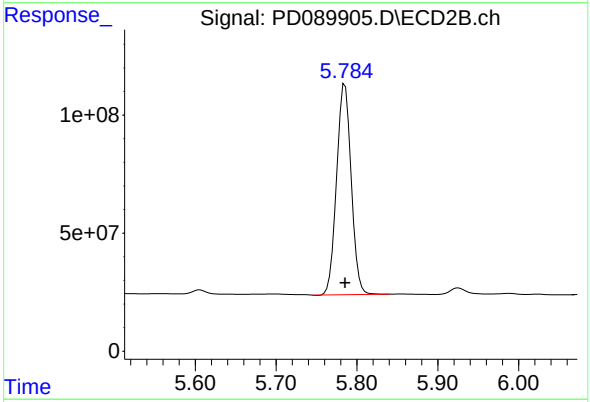
R.T.: 5.503 min
Delta R.T.: -0.006 min
Response: 6431179
Conc: 0.30 ng/ml



#14 Endrin

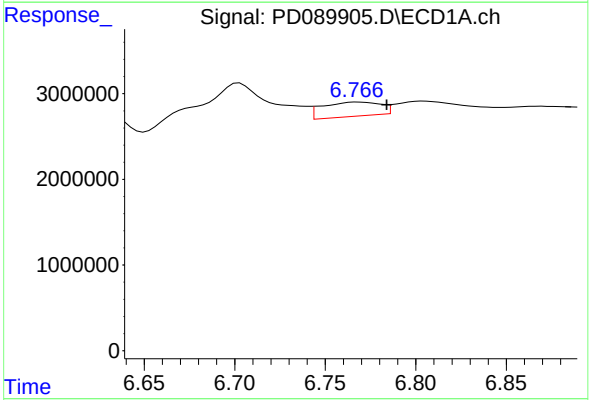
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 160321551
Conc: 44.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



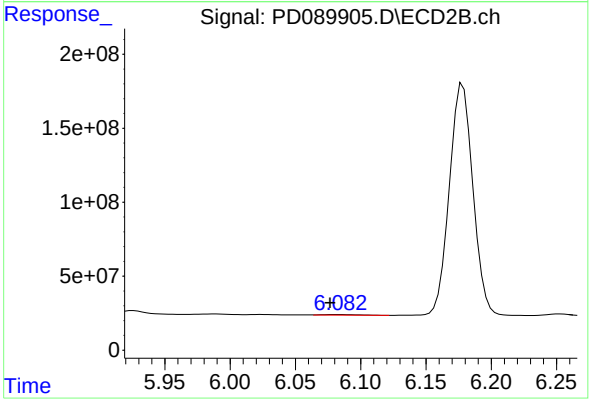
#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1118978425
Conc: 56.16 ng/ml



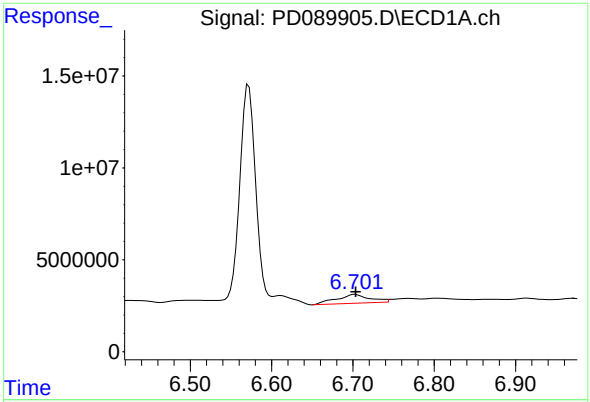
#15 Endosulfan II

R.T.: 6.768 min
Delta R.T.: -0.016 min
Response: 3711894
Conc: 1.01 ng/ml



#15 Endosulfan II

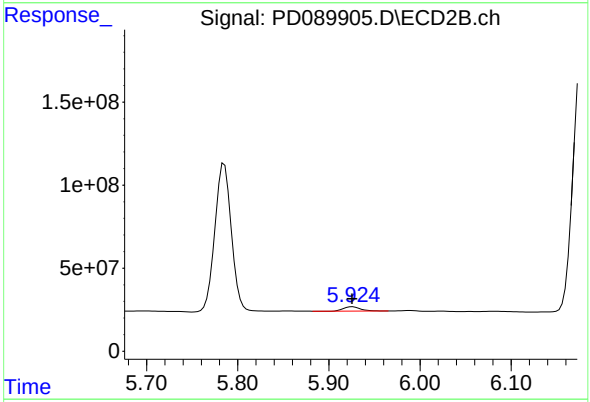
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 6307838
Conc: 0.34 ng/ml



#16 4,4'-DDD

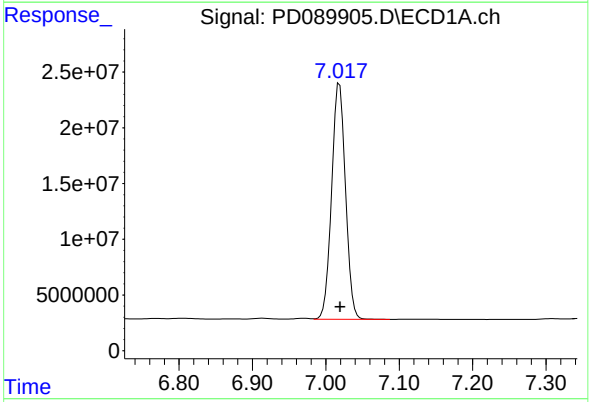
R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 13856915
Conc: 4.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



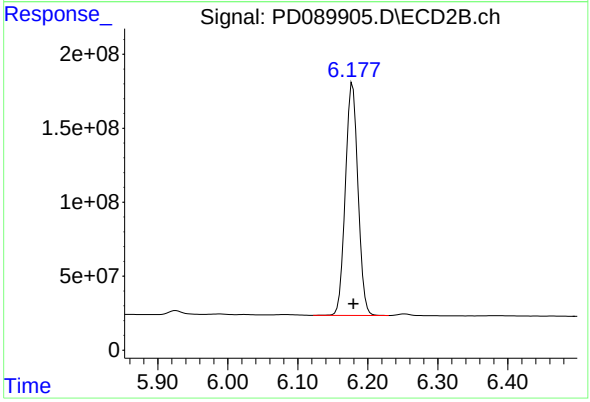
#16 4,4'-DDD

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 33503146
Conc: 1.90 ng/ml



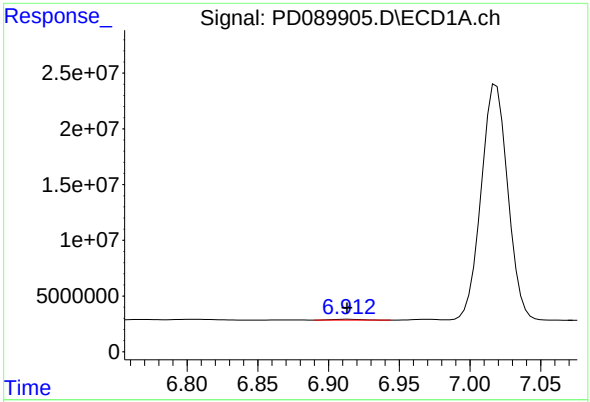
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 278336859
Conc: 82.83 ng/ml



#17 4,4'-DDT

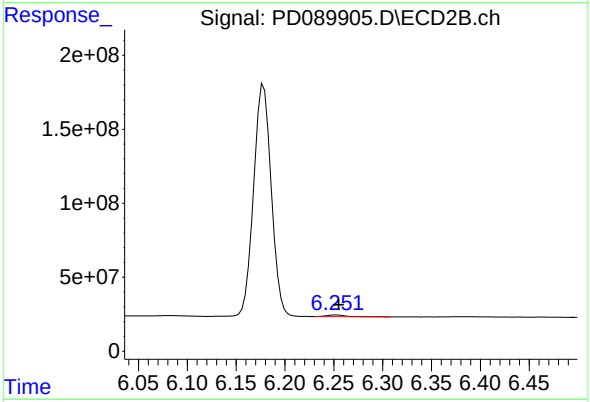
R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 1969146892
Conc: 107.18 ng/ml



#18 Endrin aldehyde

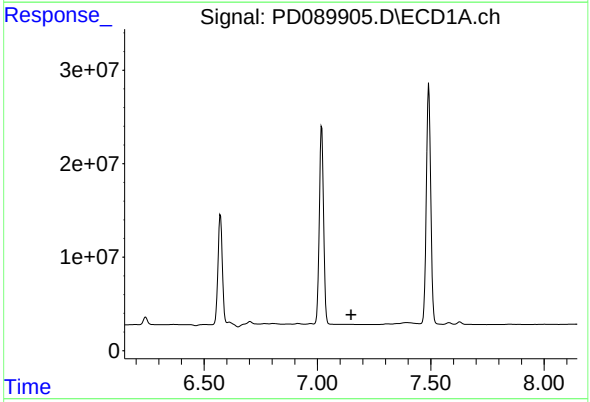
R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 1169912
Conc: 0.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



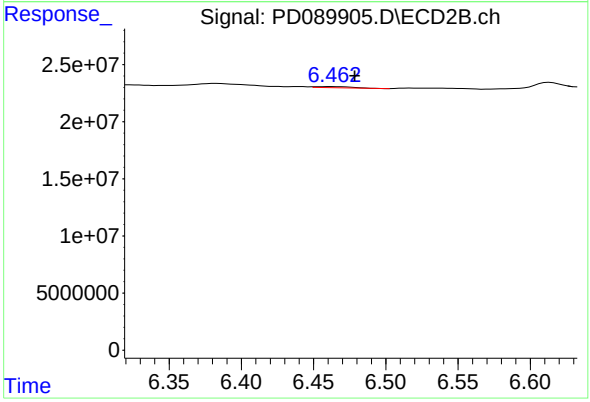
#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 14986496
Conc: 1.16 ng/ml



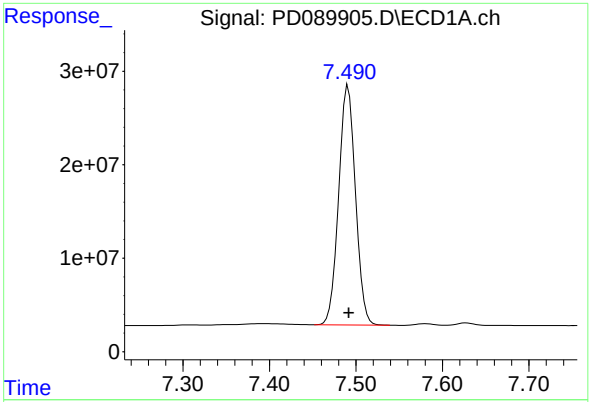
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.148 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

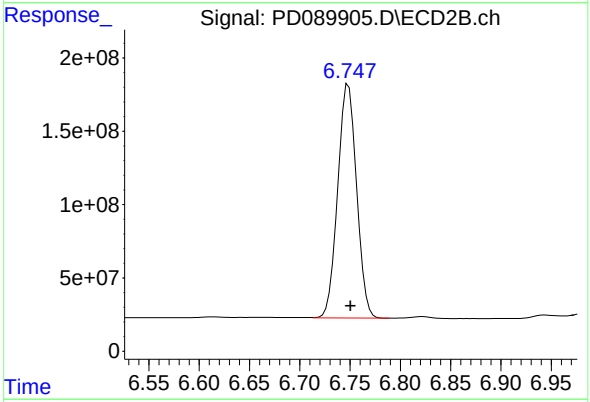
R.T.: 6.463 min
Delta R.T.: -0.015 min
Response: 1523654
Conc: 0.08 ng/ml



#20 Methoxychlor

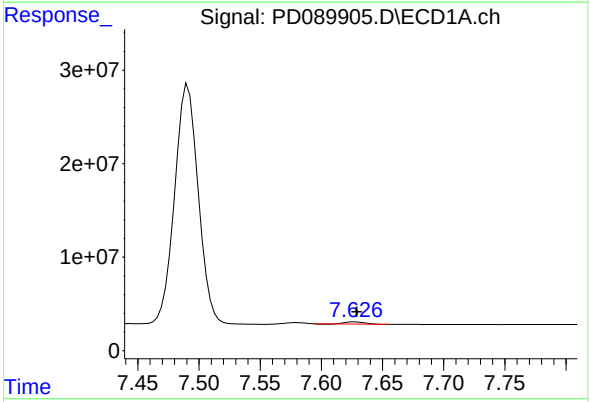
R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 343447536
Conc: 192.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



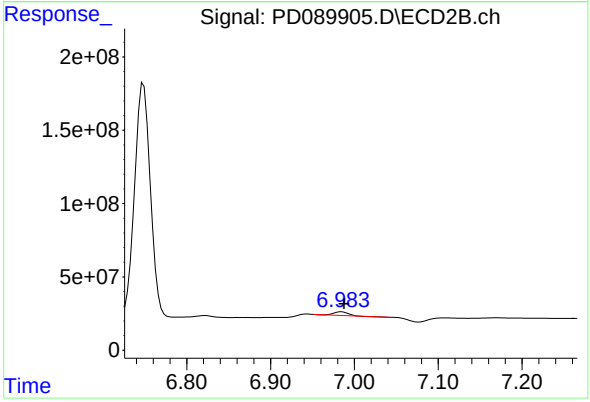
#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 2079134132
Conc: 212.25 ng/ml



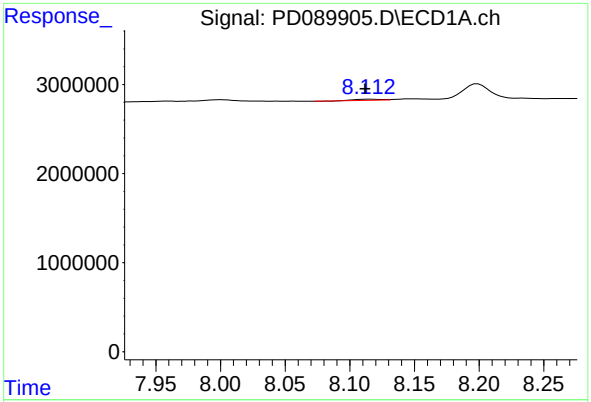
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: -0.001 min
Response: 2418685
Conc: 0.65 ng/ml



#21 Endrin ketone

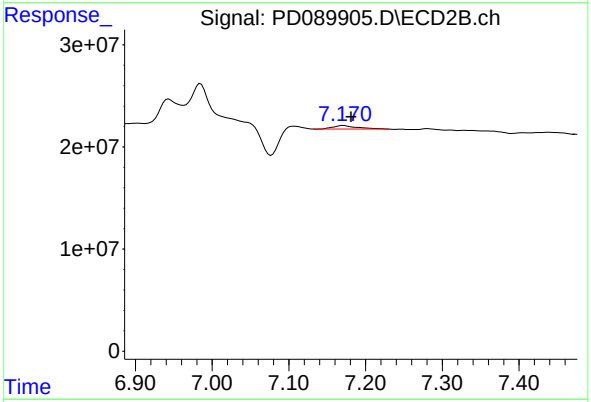
R.T.: 6.985 min
Delta R.T.: -0.003 min
Response: 25812094
Conc: 1.29 ng/ml



#22 Mirex

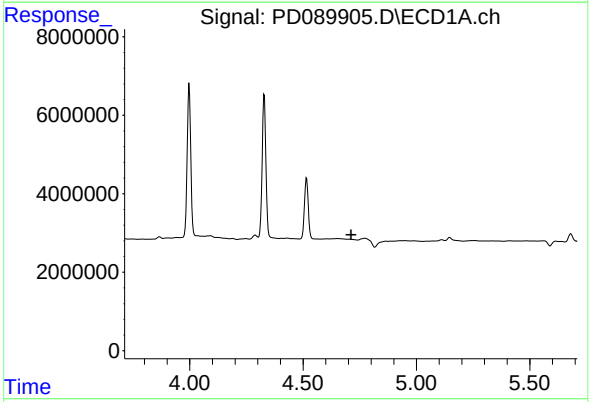
R.T.: 8.115 min
Delta R.T.: 0.003 min
Response: 155071
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



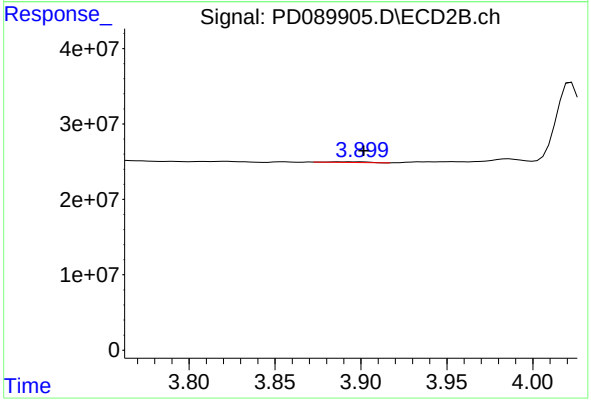
#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.010 min
Response: 7674503
Conc: 0.50 ng/ml



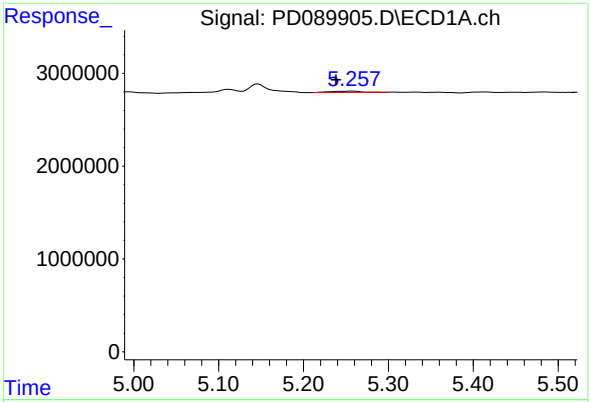
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.712 min
Response: 0
Conc: N.D.



#23 Chlordane-1

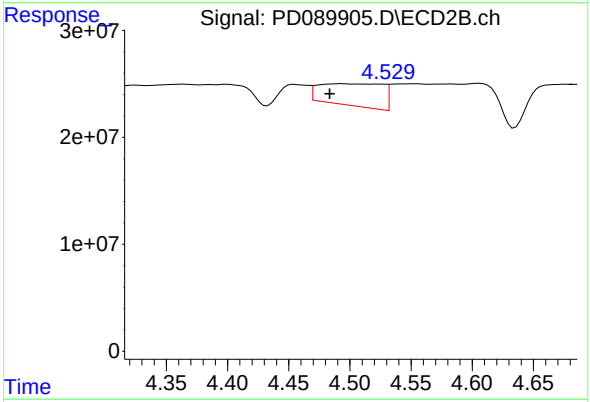
R.T.: 3.900 min
Delta R.T.: -0.002 min
Response: 1279474
Conc: 1.75 ng/ml



#24 Chlordane-2

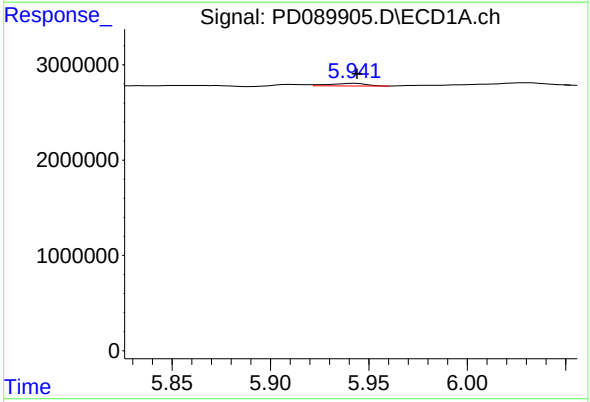
R.T.: 5.258 min
Delta R.T.: 0.019 min
Response: 353028
Conc: 2.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



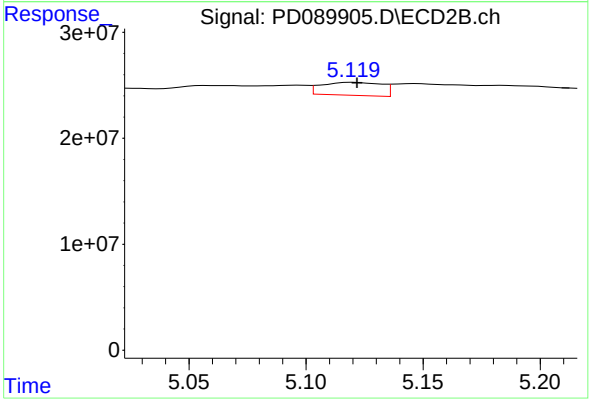
#24 Chlordane-2

R.T.: 4.494 min
Delta R.T.: 0.010 min
Response: 74219050
Conc: 97.10 ng/ml



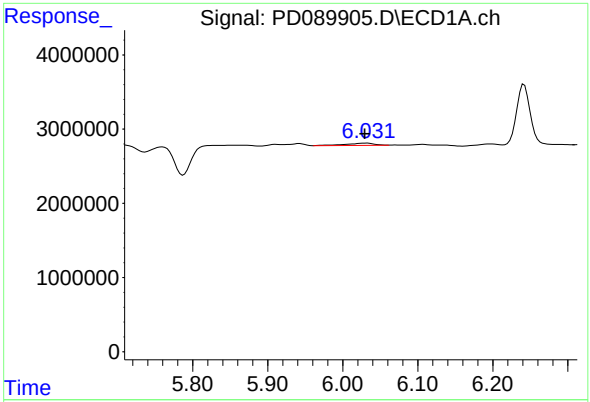
#25 Chlordane-3

R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 364993
Conc: 0.53 ng/ml



#25 Chlordane-3

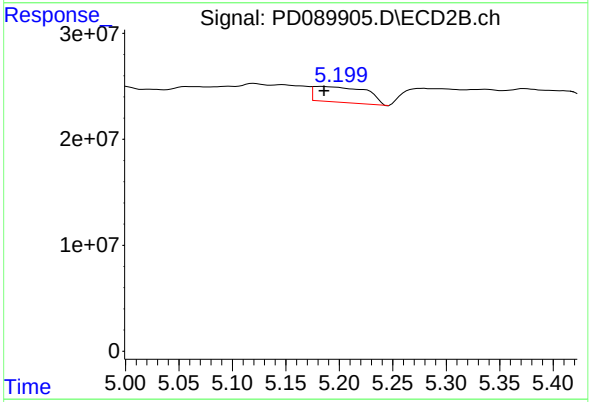
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 21860659
Conc: 9.45 ng/ml



#26 Chlordane-4

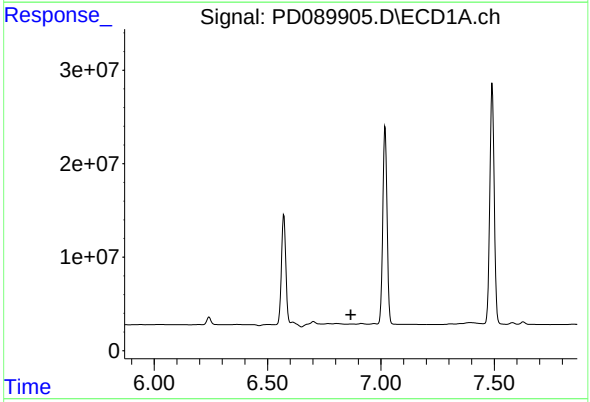
R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 843284
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



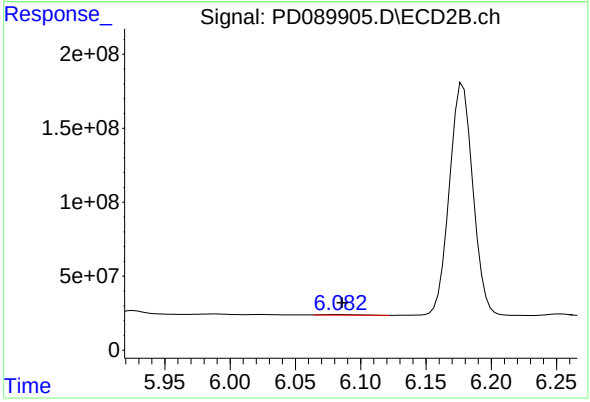
#26 Chlordane-4

R.T.: 5.183 min
Delta R.T.: -0.003 min
Response: 50087480
Conc: 25.18 ng/ml



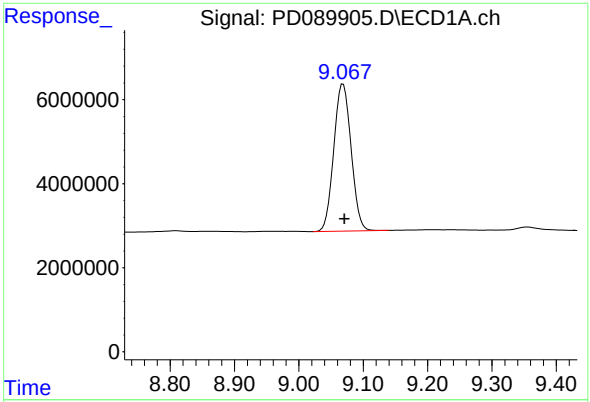
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.868 min
Response: 0
Conc: N.D.



#27 Chlordane-5

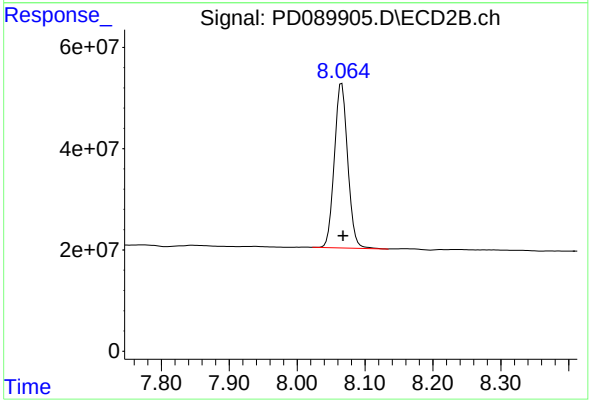
R.T.: 6.082 min
Delta R.T.: -0.004 min
Response: 6307838
Conc: 6.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 65545586
Conc: 17.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 444643015
Conc: 22.15 ng/ml