

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063025\
 Data File : PD089239.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2025 16:21
 Operator : AR\AJ
 Sample : Q2457-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OK-2-062725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 01:34:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.552	2.881	34701248	221.3E6	12.163	13.054
28)	SA Decachlor...	9.075	8.072	57740285	197.9E6	14.701	10.010 #
Target Compounds							
2)	A alpha-BHC	0.000	3.411f	0	981423	N.D.	0.037 #
3)	MA gamma-BHC...	4.340	3.722	4071424	3404642	0.729	0.138 #
4)	MA Heptachlor	4.955f	4.099f	4264189	6340039	0.782	0.253 #
5)	MB Aldrin	0.000	4.362	0	44212141	N.D.	1.826 #
6)	B beta-BHC	0.000	4.035	0	41055855	N.D.	3.820 #
7)	B delta-BHC	4.779f	4.247	1079965	2311580	0.210	0.093 #
8)	B Heptachlo...	5.715f	4.869	367544	12181658	0.076	0.556 #
9)	A Endosulfan I	6.107f	5.261	1995236	40671981	0.443	1.951 #
10)	B gamma-Chl...	5.946	5.127	3045630	88737408	0.636	3.709 #
11)	B alpha-Chl...	6.029	5.190	10257059	152.7E6	2.120	6.668 #
12)	B 4,4'-DDE	6.203	5.376	3121431	35020137	0.716	1.528 #
13)	MA Dieldrin	6.364f	5.514	61851	66508940	0.013	2.866 #
14)	MA Endrin	6.572	5.792	277660	29240637	0.067	1.347 #
15)	B Endosulfa...	6.799	6.089	2341760	32594944	0.580	1.614 #
16)	A 4,4'-DDD	6.696	5.927	994598	4587859	0.290	0.240
17)	MA 4,4'-DDT	7.022	6.180	5018675	22850667	1.325	1.127
18)	B Endrin al...	6.929	6.282f	1104605	8211719	0.361	0.536 #
19)	B Endosulfa...	7.130f	6.472	364795	1002470	0.095	0.051 #
21)	B Endrin ke...	7.619	0.000	1146591	0	0.282	N.D. #
22)	Mirex	0.000	7.187	0	1038766	N.D.	0.062 #
23)	Chlordane-1	4.717	3.899	-318643	77248319	N.D.	82.862
24)	Chlordane-2	5.238	4.489	12102540	28531779	55.436	29.982 #
25)	Chlordane-3	5.946	5.127	3045630	88737408	3.531	29.876 #
26)	Chlordane-4	6.029	5.190	10257059	152.7E6	9.762	60.906 #
27)	Chlordane-5	6.875	6.089	2167730	32594944	11.861	28.803 #

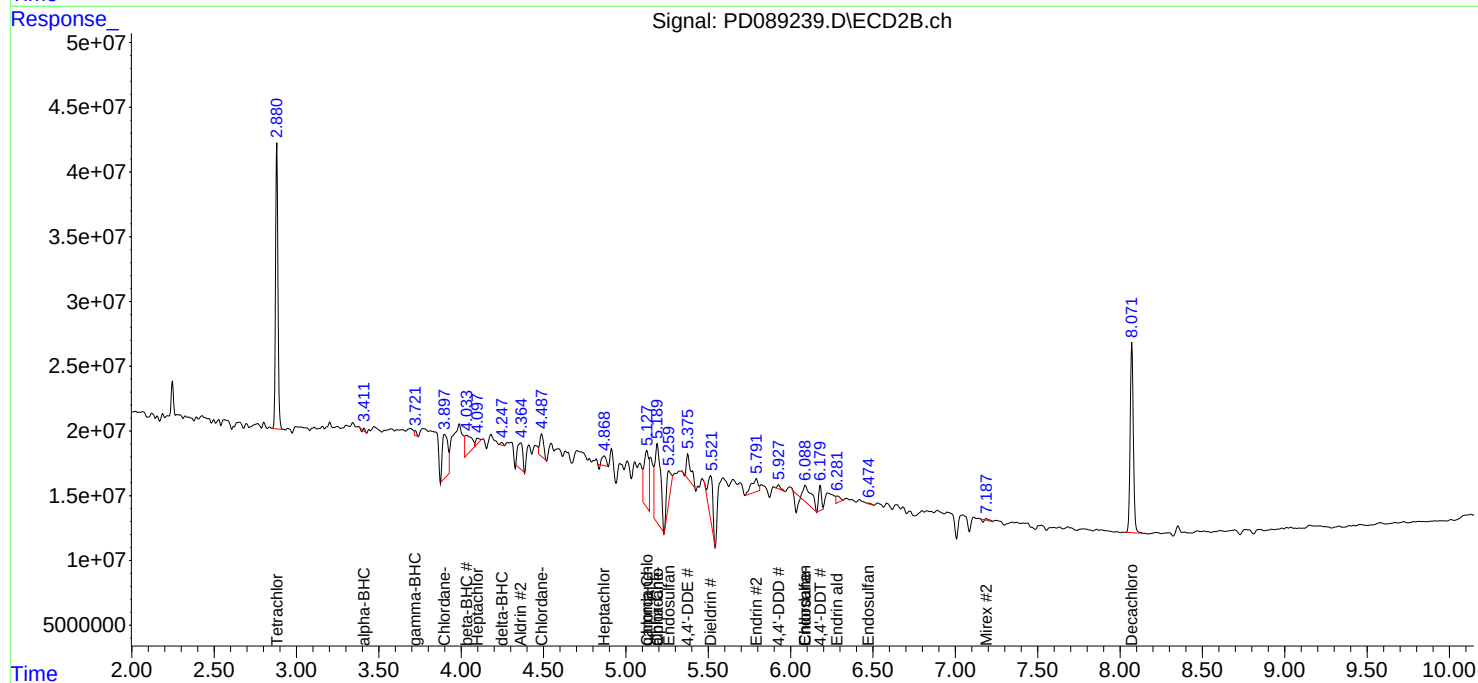
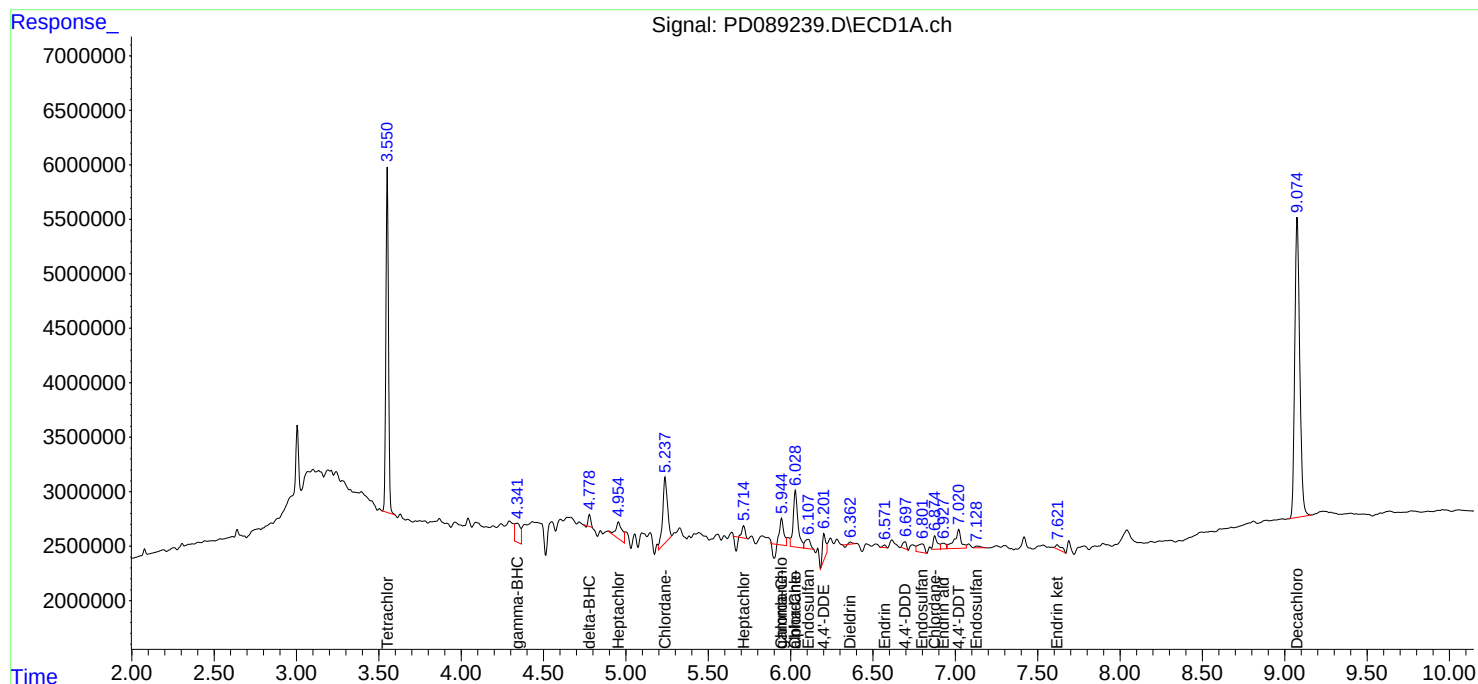
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

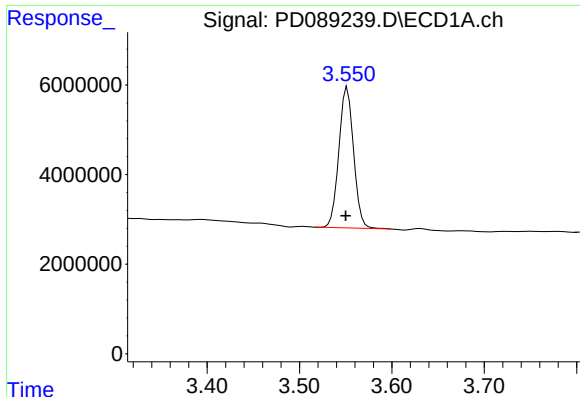
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063025\
Data File : PD089239.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2025 16:21
Operator : AR\AJ
Sample : Q2457-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
OK-2-062725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 01:34:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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

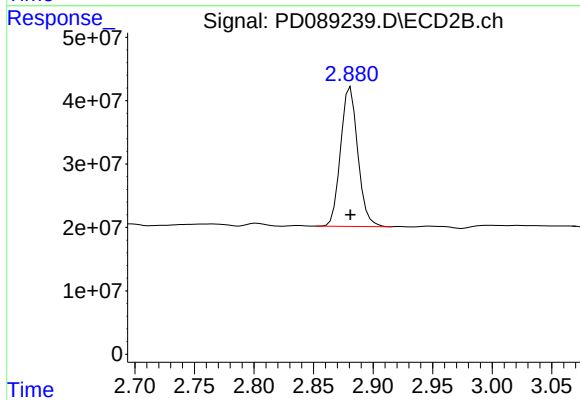




#1 Tetrachloro-m-xylene

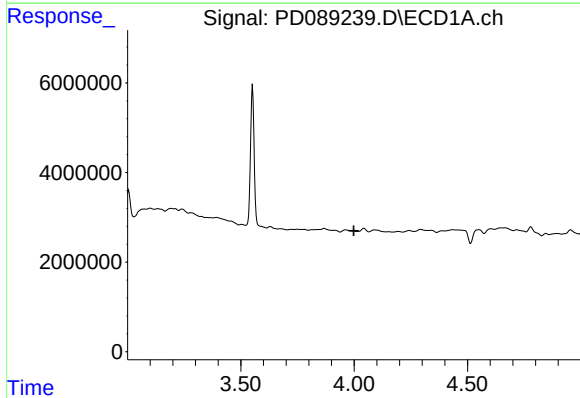
R.T.: 3.552 min
Delta R.T.: 0.002 min
Response: 34701248
Conc: 12.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-2-062725



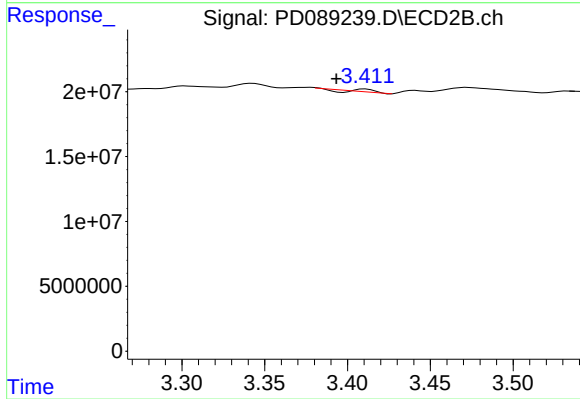
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 221309931
Conc: 13.05 ng/ml



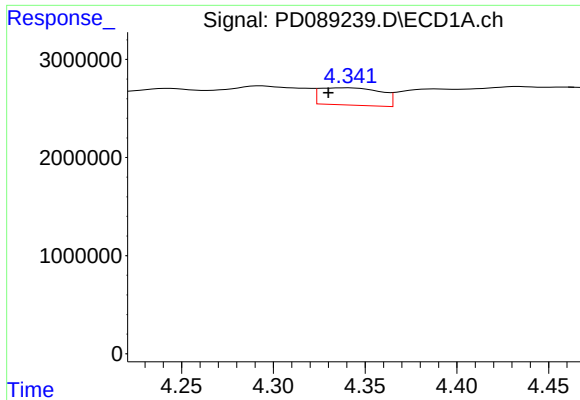
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.999 min
Response: 0
Conc: N.D.



#2 alpha-BHC

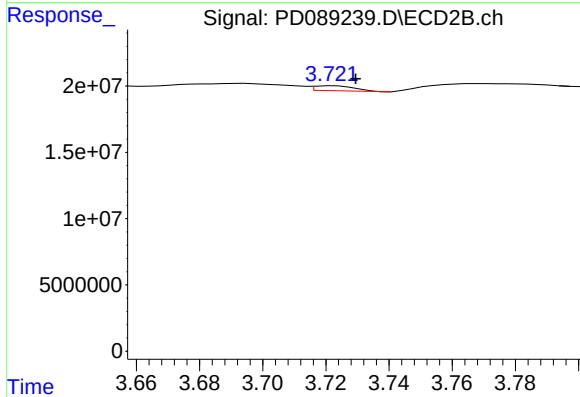
R.T.: 3.411 min
Delta R.T.: 0.017 min
Response: 981423
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

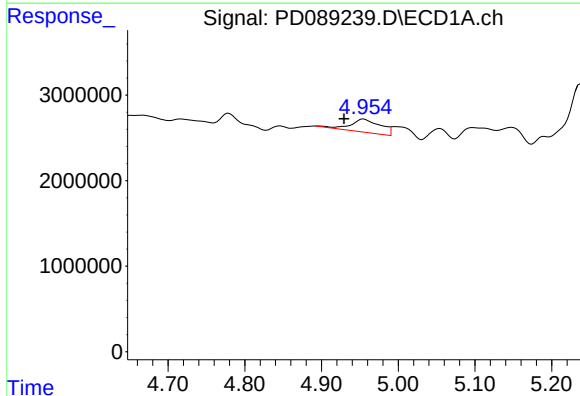
R.T.: 4.340 min
Delta R.T.: 0.010 min
Response: 4071424
Conc: 0.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-2-062725



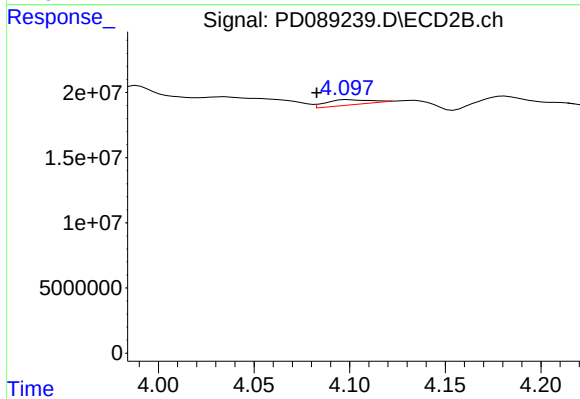
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.007 min
Response: 3404642
Conc: 0.14 ng/ml



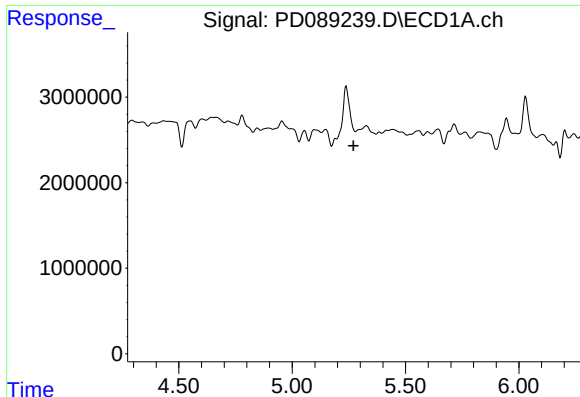
#4 Heptachlor

R.T.: 4.955 min
Delta R.T.: 0.026 min
Response: 4264189
Conc: 0.78 ng/ml



#4 Heptachlor

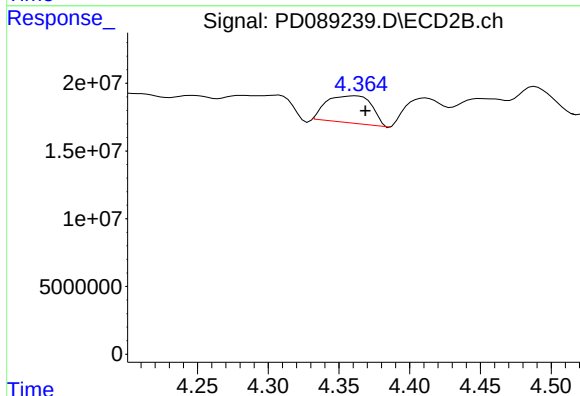
R.T.: 4.099 min
Delta R.T.: 0.016 min
Response: 6340039
Conc: 0.25 ng/ml



#5 Aldrin

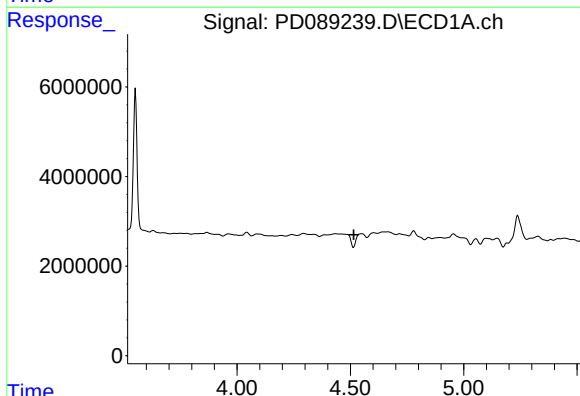
R.T.: 0.000 min
Exp R.T.: 5.271 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OK-2-062725



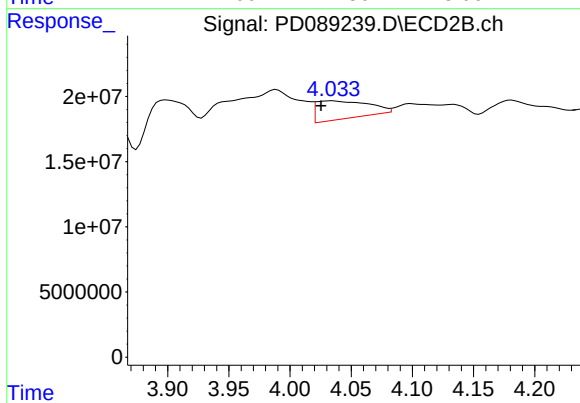
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.007 min
Response: 44212141
Conc: 1.83 ng/ml



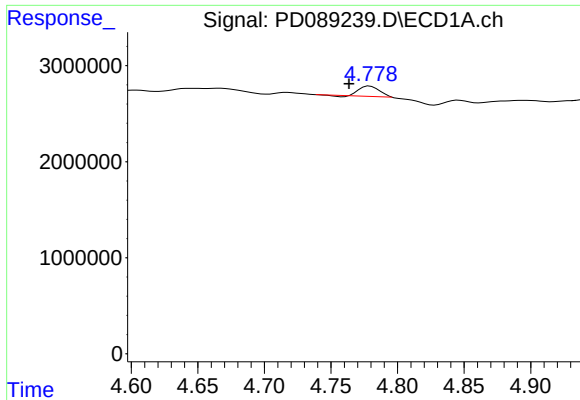
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.515 min
Response: 0
Conc: N.D.



#6 beta-BHC

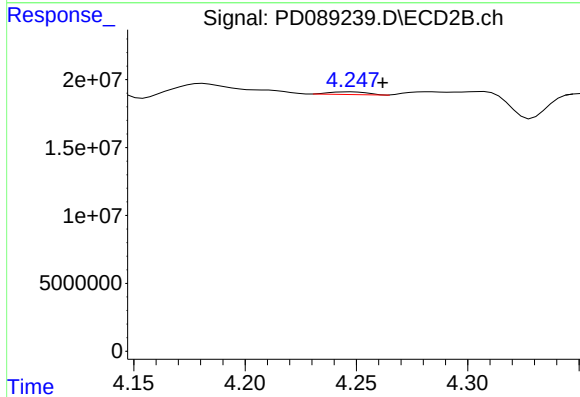
R.T.: 4.035 min
Delta R.T.: 0.009 min
Response: 41055855
Conc: 3.82 ng/ml



#7 delta-BHC

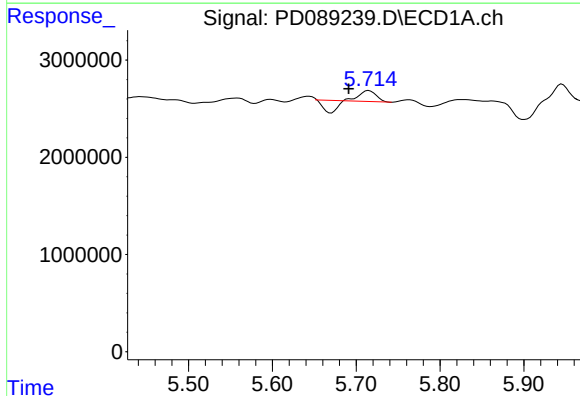
R.T.: 4.779 min
Delta R.T.: 0.016 min
Response: 1079965
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-2-062725



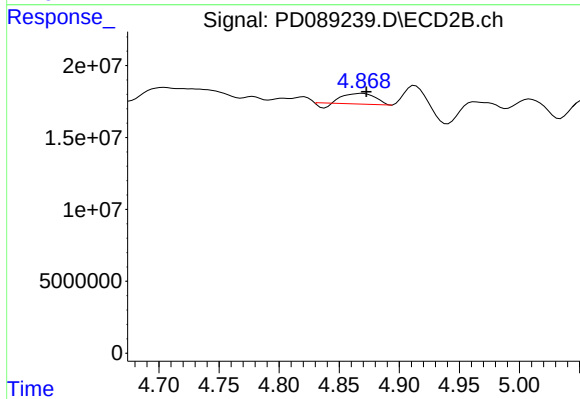
#7 delta-BHC

R.T.: 4.247 min
Delta R.T.: -0.015 min
Response: 2311580
Conc: 0.09 ng/ml



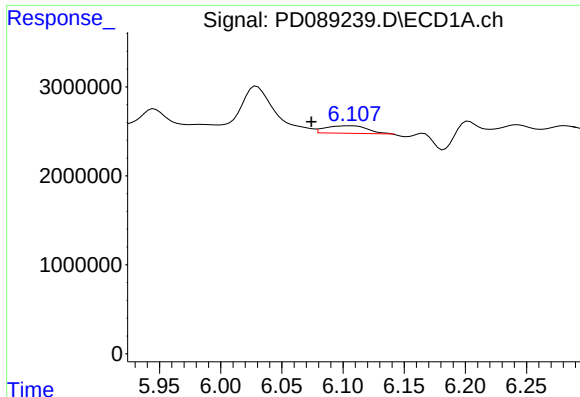
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: 0.024 min
Response: 367544
Conc: 0.08 ng/ml



#8 Heptachlor epoxide

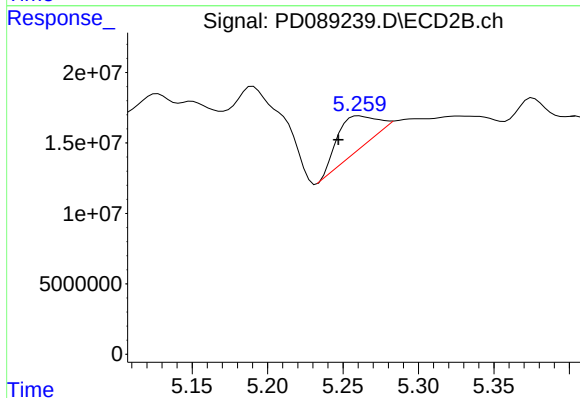
R.T.: 4.869 min
Delta R.T.: -0.003 min
Response: 12181658
Conc: 0.56 ng/ml



#9 Endosulfan I

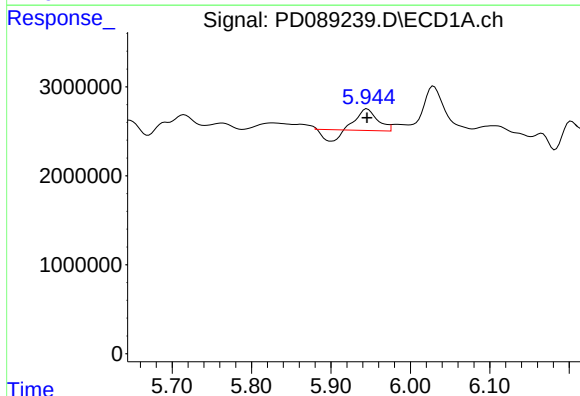
R.T.: 6.107 min
Delta R.T.: 0.033 min
Response: 1995236
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-2-062725



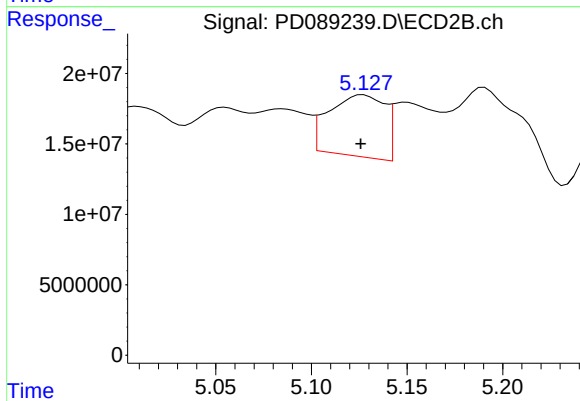
#9 Endosulfan I

R.T.: 5.261 min
Delta R.T.: 0.014 min
Response: 40671981
Conc: 1.95 ng/ml



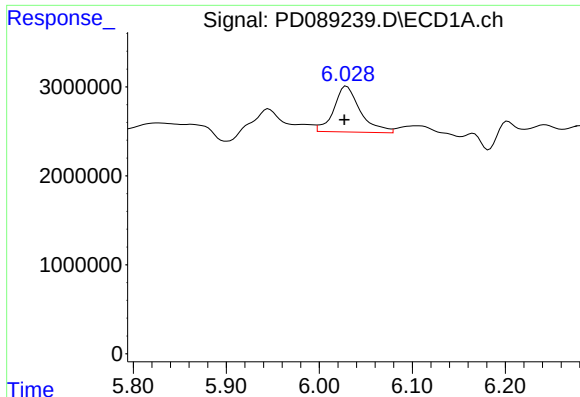
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 3045630
Conc: 0.64 ng/ml



#10 gamma-Chlordane

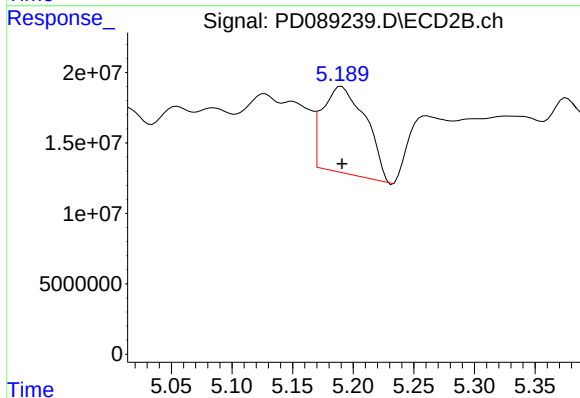
R.T.: 5.127 min
Delta R.T.: 0.001 min
Response: 88737408
Conc: 3.71 ng/ml



#11 alpha-Chlordane

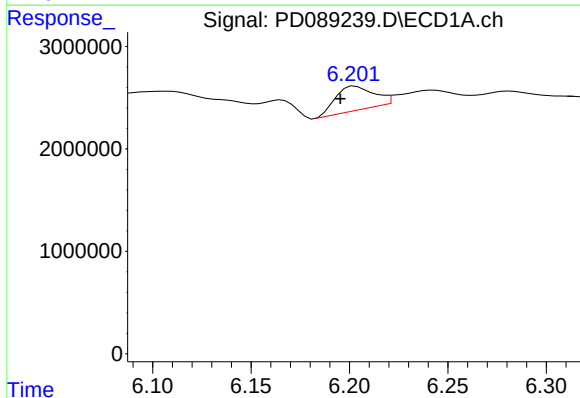
R.T.: 6.029 min
Delta R.T.: 0.003 min
Response: 10257059
Conc: 2.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-2-062725



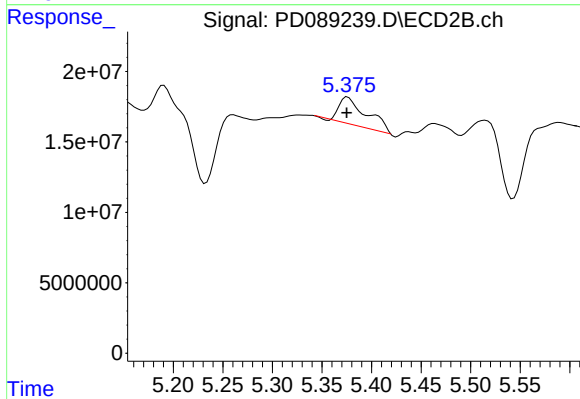
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 152674503
Conc: 6.67 ng/ml



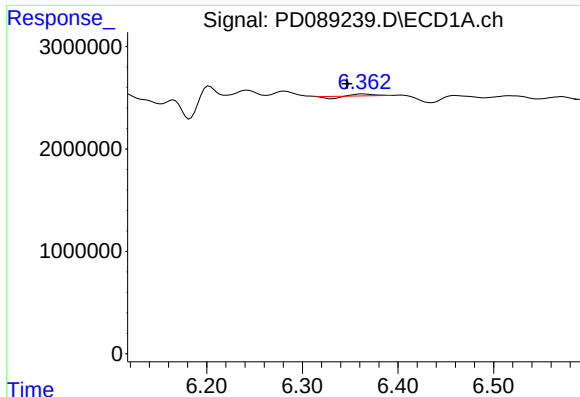
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.008 min
Response: 3121431
Conc: 0.72 ng/ml



#12 4,4'-DDE

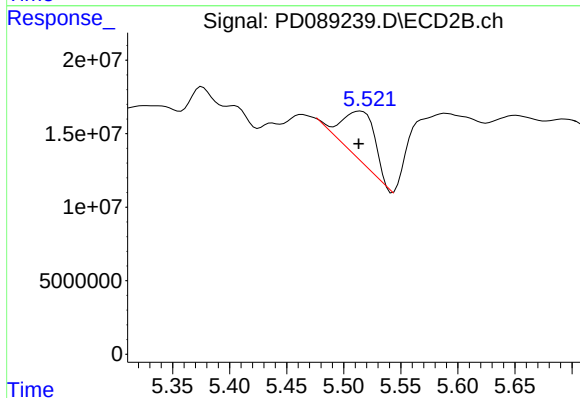
R.T.: 5.376 min
Delta R.T.: 0.001 min
Response: 35020137
Conc: 1.53 ng/ml



#13 Dieldrin

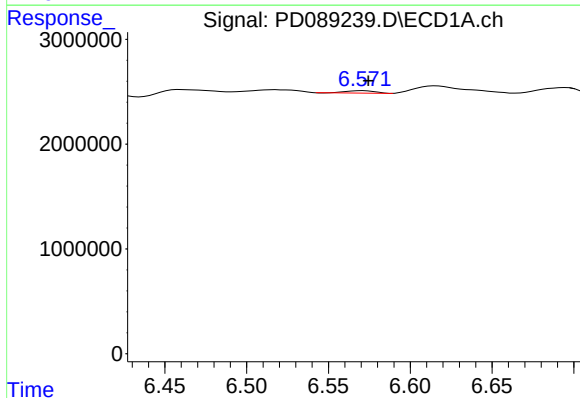
R.T.: 6.364 min
Delta R.T.: 0.017 min
Response: 61851
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-2-062725



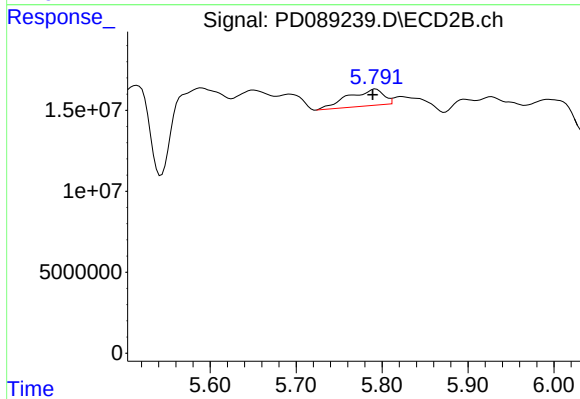
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: 0.001 min
Response: 66508940
Conc: 2.87 ng/ml



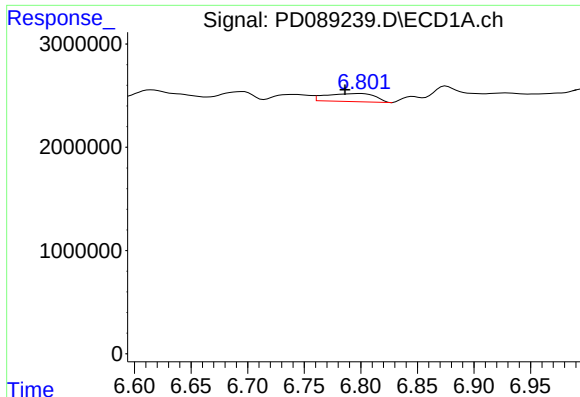
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.003 min
Response: 277660
Conc: 0.07 ng/ml



#14 Endrin

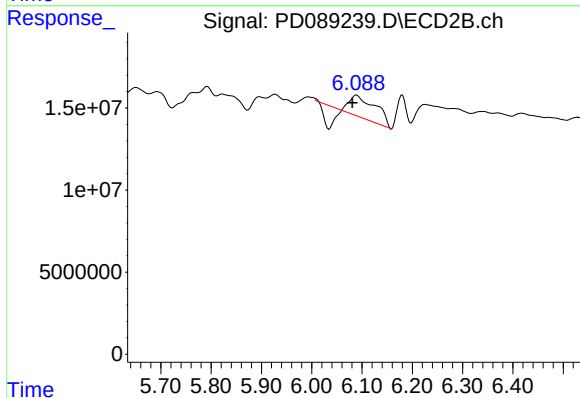
R.T.: 5.792 min
Delta R.T.: 0.003 min
Response: 29240637
Conc: 1.35 ng/ml



#15 Endosulfan II

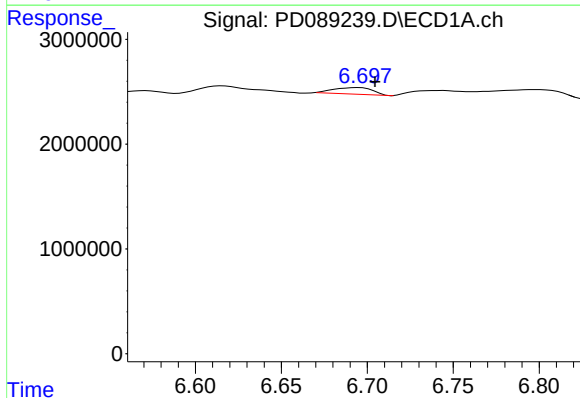
R.T.: 6.799 min
Delta R.T.: 0.013 min
Response: 2341760
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-2-062725



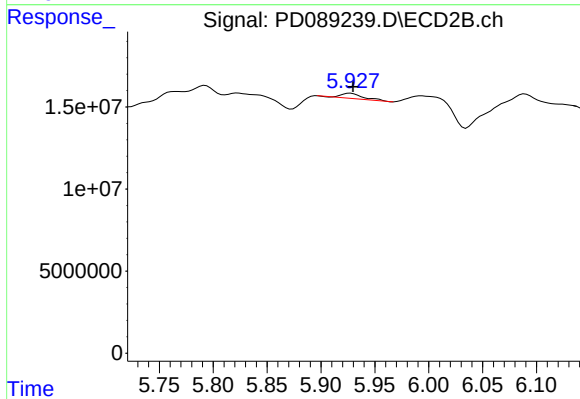
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: 0.008 min
Response: 32594944
Conc: 1.61 ng/ml



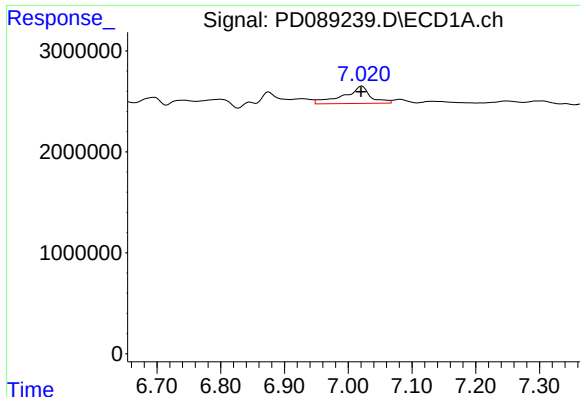
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.009 min
Response: 994598
Conc: 0.29 ng/ml



#16 4,4'-DDD

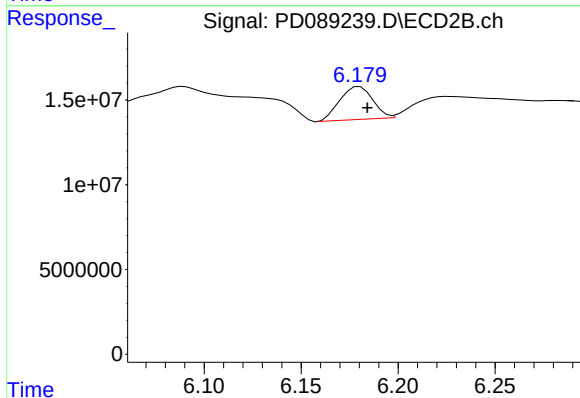
R.T.: 5.927 min
Delta R.T.: -0.002 min
Response: 4587859
Conc: 0.24 ng/ml



#17 4,4'-DDT

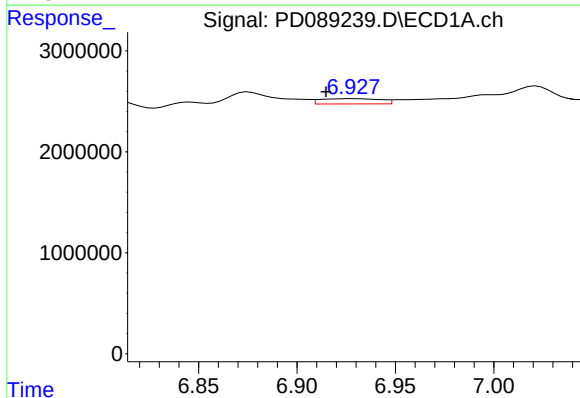
R.T.: 7.022 min
Delta R.T.: 0.001 min
Response: 5018675
Conc: 1.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-2-062725



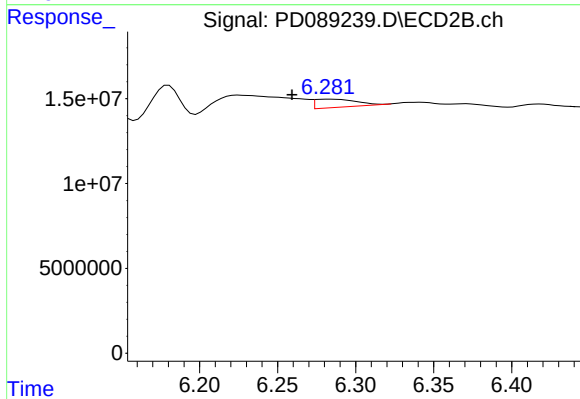
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 22850667
Conc: 1.13 ng/ml



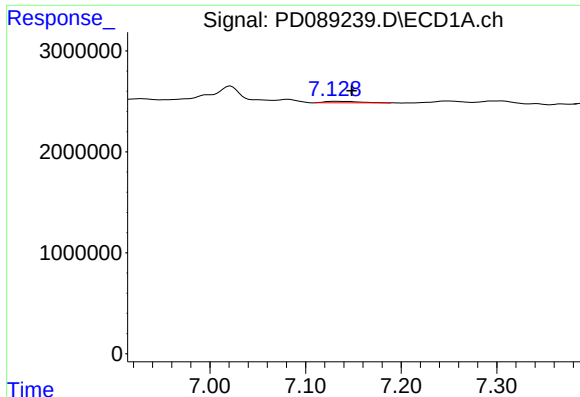
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.014 min
Response: 1104605
Conc: 0.36 ng/ml



#18 Endrin aldehyde

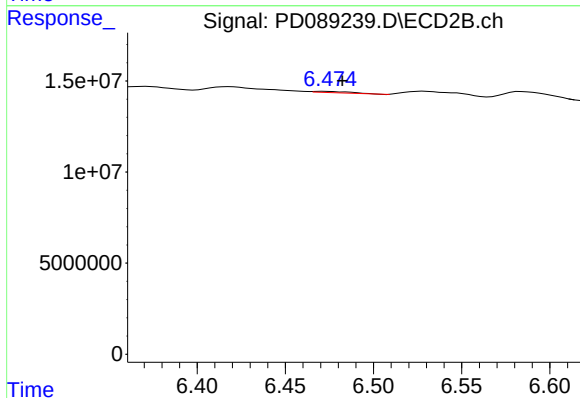
R.T.: 6.282 min
Delta R.T.: 0.023 min
Response: 8211719
Conc: 0.54 ng/ml



#19 Endosulfan Sulfate

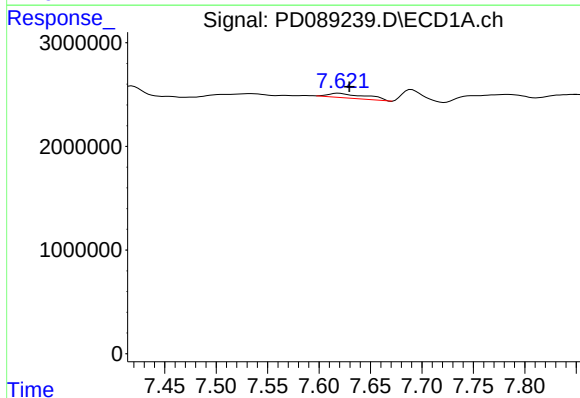
R.T.: 7.130 min
Delta R.T.: -0.019 min
Response: 364795
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-2-062725



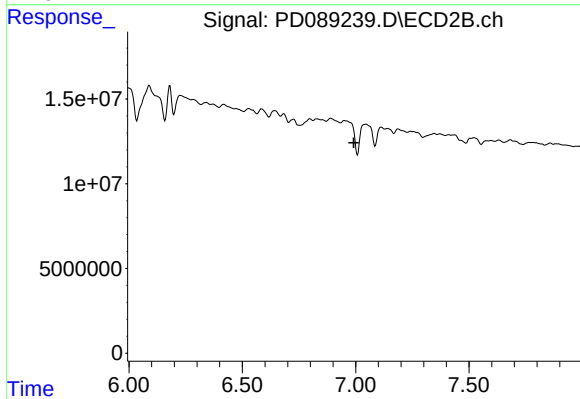
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.010 min
Response: 1002470
Conc: 0.05 ng/ml



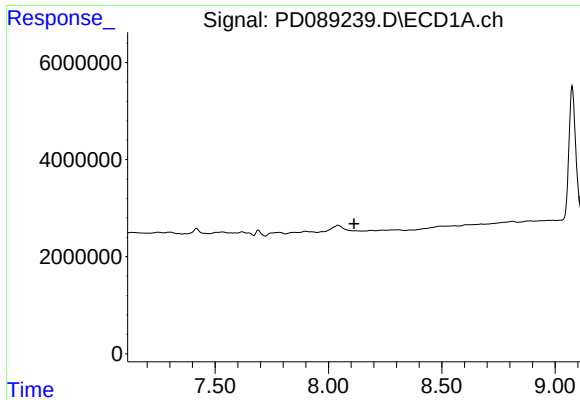
#21 Endrin ketone

R.T.: 7.619 min
Delta R.T.: -0.011 min
Response: 1146591
Conc: 0.28 ng/ml



#21 Endrin ketone

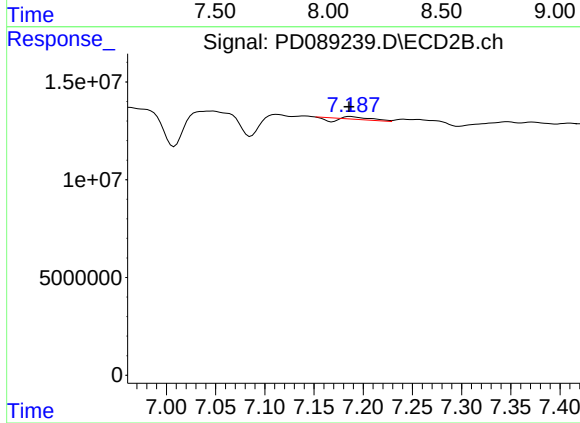
R.T.: 0.000 min
Exp R.T.: 6.992 min
Response: 0
Conc: N.D.



#22 Mirex

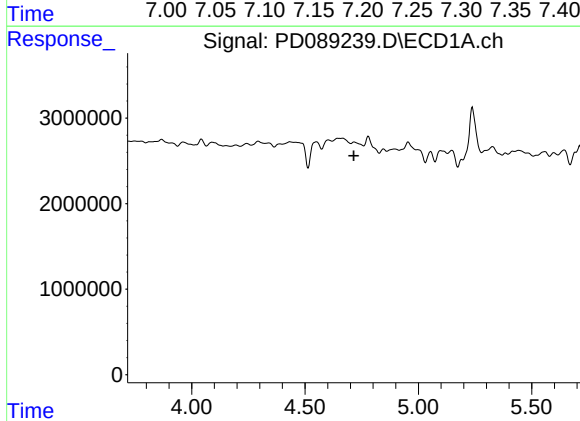
R.T.: 0.000 min
Exp R.T.: 8.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OK-2-062725



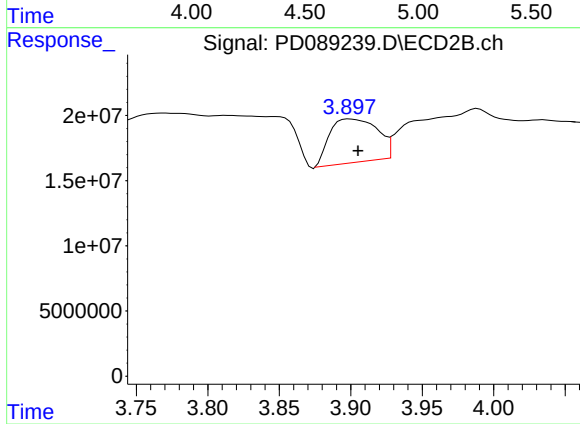
#22 Mirex

R.T.: 7.187 min
Delta R.T.: 0.002 min
Response: 1038766
Conc: 0.06 ng/ml



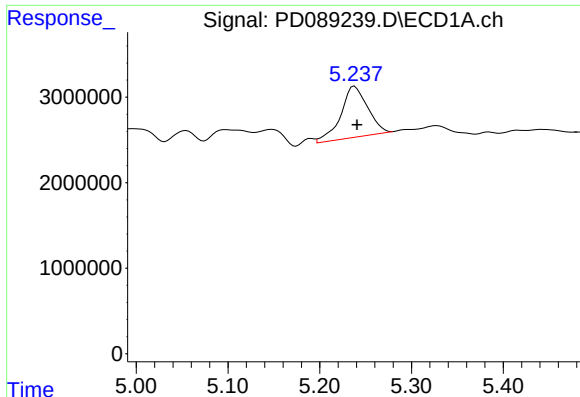
#23 Chlordane-1

R.T.: 4.717 min
Delta R.T.: 0.002 min
Response: -318643
Conc: N.D.



#23 Chlordane-1

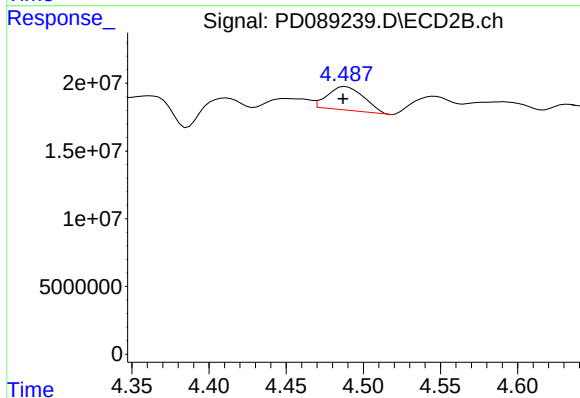
R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 77248319
Conc: 82.86 ng/ml



#24 Chlordane-2

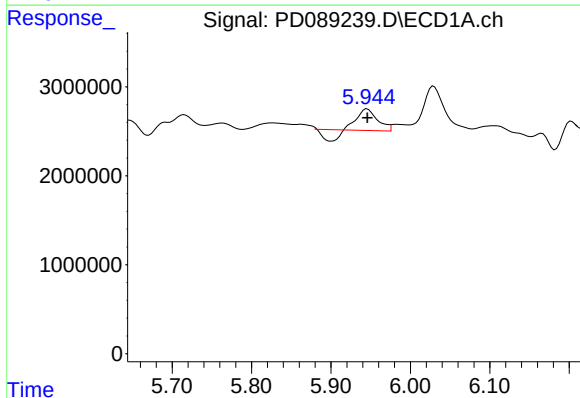
R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 12102540
Conc: 55.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-2-062725



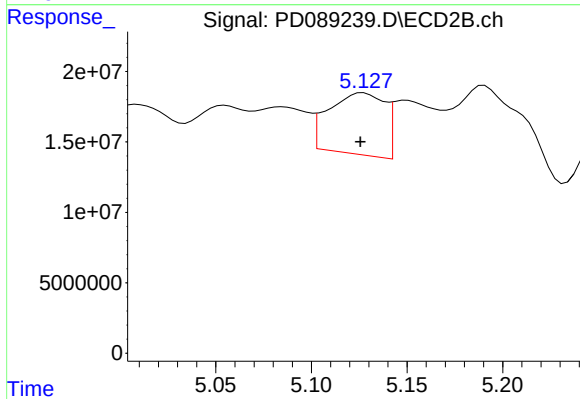
#24 Chlordane-2

R.T.: 4.489 min
Delta R.T.: 0.002 min
Response: 28531779
Conc: 29.98 ng/ml



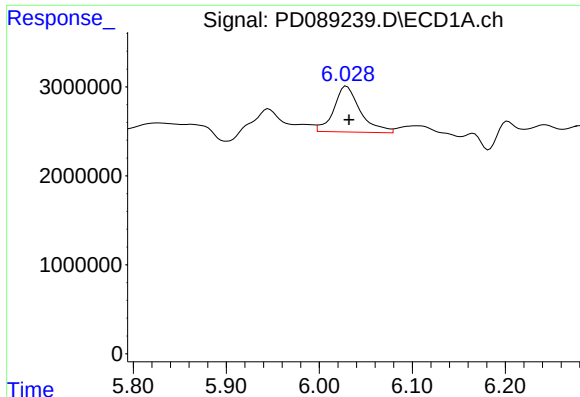
#25 Chlordane-3

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 3045630
Conc: 3.53 ng/ml



#25 Chlordane-3

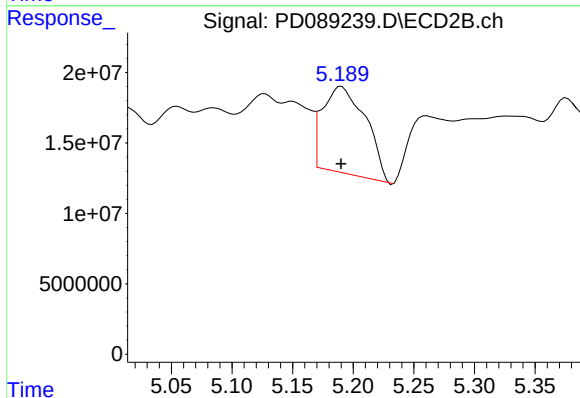
R.T.: 5.127 min
Delta R.T.: 0.002 min
Response: 88737408
Conc: 29.88 ng/ml



#26 Chlordane-4

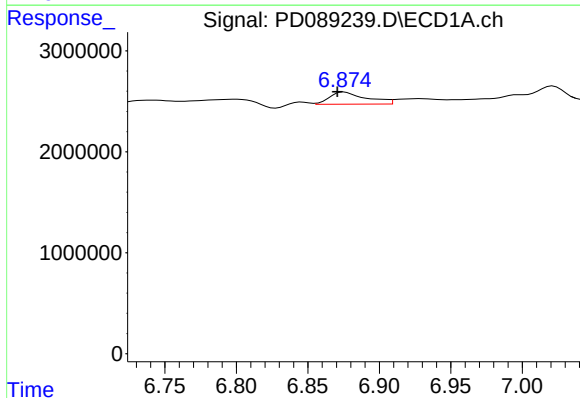
R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 10257059
Conc: 9.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-2-062725



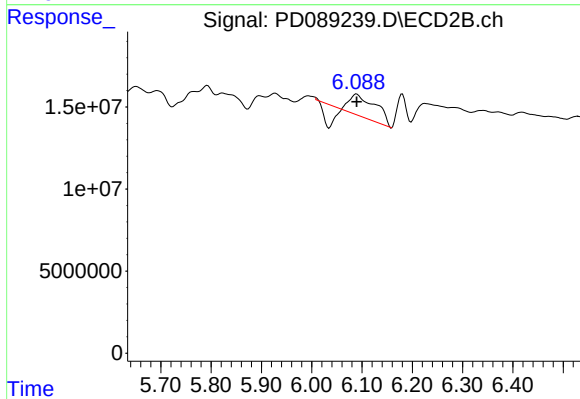
#26 Chlordane-4

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 152674503
Conc: 60.91 ng/ml



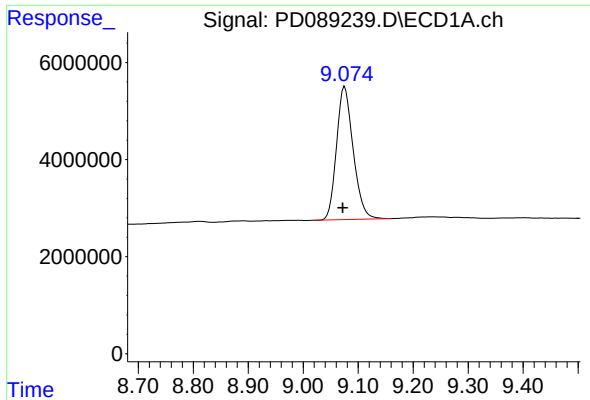
#27 Chlordane-5

R.T.: 6.875 min
Delta R.T.: 0.005 min
Response: 2167730
Conc: 11.86 ng/ml



#27 Chlordane-5

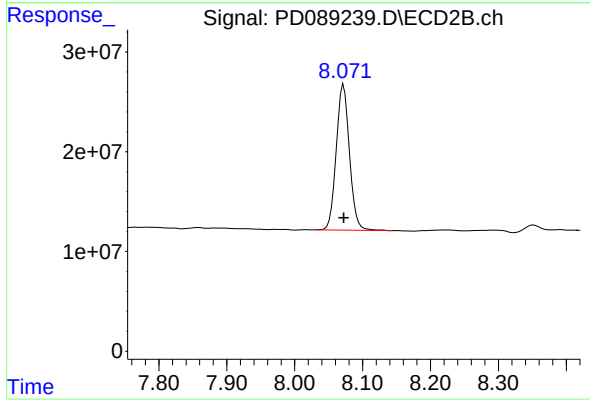
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 32594944
Conc: 28.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.004 min
Response: 57740285
Conc: 14.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-2-062725



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 197902283
Conc: 10.01 ng/ml