

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080825\
 Data File : PD089800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2025 13:30
 Operator : AR\AJ
 Sample : Q2788-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OK-01-08062025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 23:16:40 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...	3.550	2.877	25649217	309.8E6	10.399	19.560 #
2)	SA Decachlor...	9.073	8.066	60993545	137.0E6	16.413	6.824 #
Target Compounds							
2)	A alpha-BHC	0.000	3.406f	0	23998344	N.D.	0.987 #
3)	MA gamma-BHC...	4.338	0.000	4856371	0	1.022	N.D. #
4)	MA Heptachlor	4.952f	4.094f	4065115	9980473	0.845	0.430 #
5)	MB Aldrin	5.240f	4.354	6374666	67893740	1.396	3.051 #
6)	B beta-BHC	4.542f	4.051f	5442187	30735418	2.950	3.185
7)	B delta-BHC	4.778f	4.242f	1508848	8314683	0.329	0.366
8)	B Heptachlo...	5.688	4.862	-1305009	46341503	N.D.	2.255
9)	A Endosulfan I	6.099f	5.255	1760067	31807337	0.444	1.627 #
10)	B gamma-Chl...	5.944	5.118	5263732	67538931	1.260	3.119 #
11)	B alpha-Chl...	6.032	5.184	9745267	98873948	2.318	4.749 #
12)	B 4,4'-DDE	6.202	5.372	-1078232	29016118	N.D.	1.373
13)	MA Dieldrin	6.367f	5.510	-39581	49717666	N.D.	2.298
14)	MA Endrin	0.000	5.788	0	21825289	N.D.	1.095 #
15)	B Endosulfa...	6.792	6.081	1385508	18694890	0.378	0.994 #
16)	A 4,4'-DDD	6.698	5.915	3427847	40559076	1.145	2.300 #
17)	MA 4,4'-DDT	7.019	6.175	3247340	19970871	0.966	1.087
18)	B Endrin al...	6.928	6.279f	419581	8423385	0.168	0.652 #
19)	B Endosulfa...	7.145	0.000	380968	0	0.110	N.D. #
20)	A Methoxychlor	7.505	0.000	23067	0	0.013	N.D. #
21)	B Endrin ke...	7.614f	0.000	368138	0	0.099	N.D. #
22)	Mirex	0.000	7.176	0	133206	N.D.	0.009 #
23)	Chlordane-1	4.731	3.894	48633	114.2E6	0.292	156.183 #
24)	Chlordane-2	5.240	4.513f	6374666	53675606	37.515	70.223 #
25)	Chlordane-3	5.944	5.118	5263732	67538931	7.675	29.184 #
26)	Chlordane-4	6.032	5.184	9745267	98873948	11.641	49.697 #
27)	Chlordane-5	6.874	6.081	1007922	18694890	6.987	20.664 #

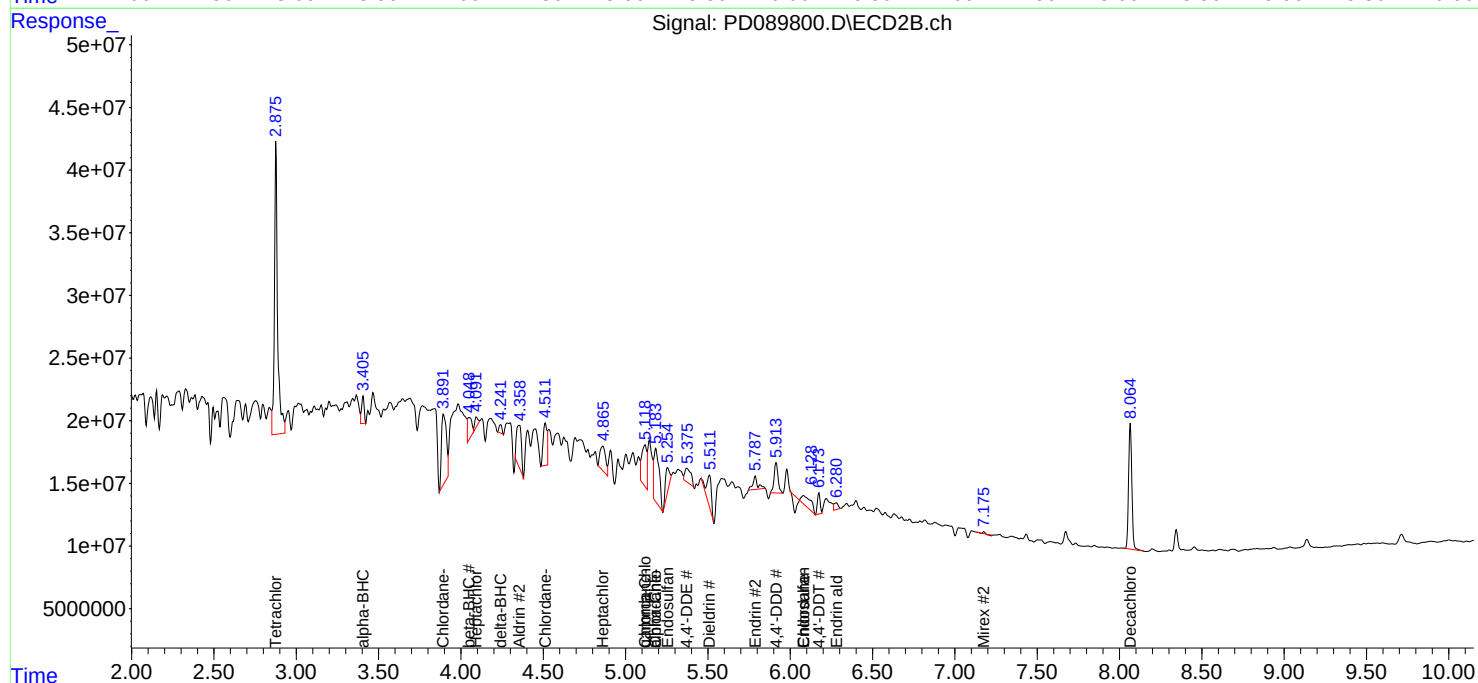
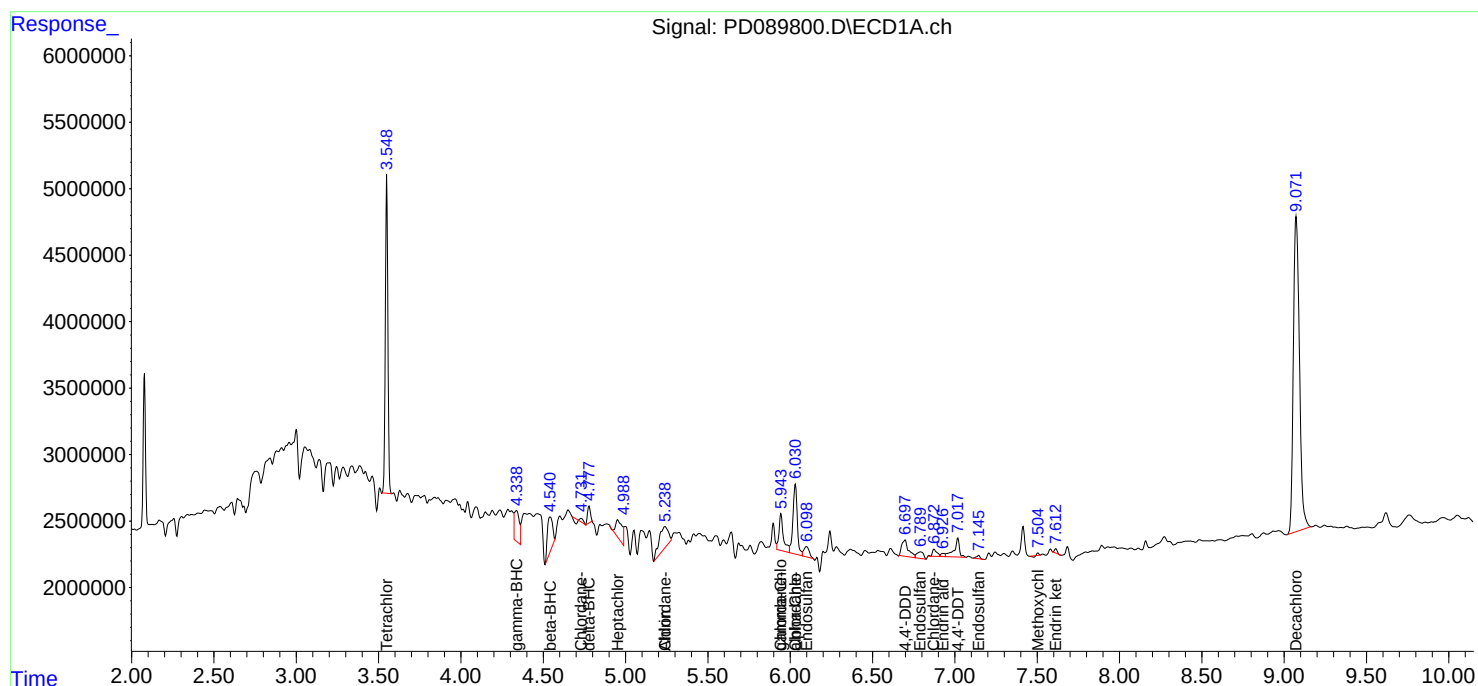
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

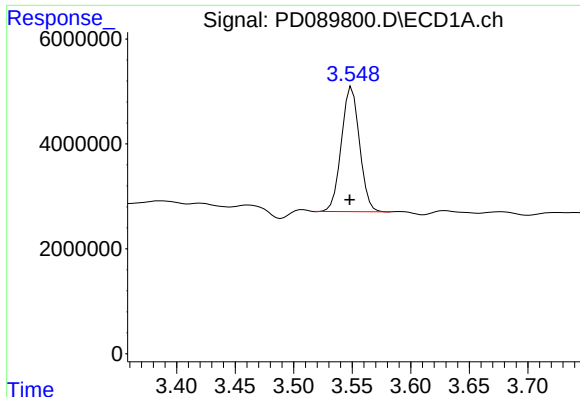
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080825\
Data File : PD089800.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Aug 2025 13:30
Operator : AR\AJ
Sample : Q2788-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 23:16:40 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

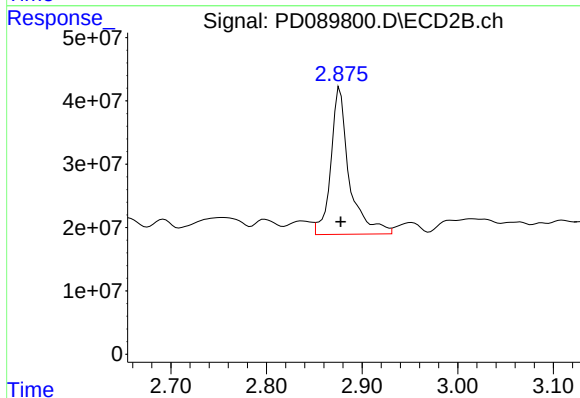




#1 Tetrachloro-m-xylene

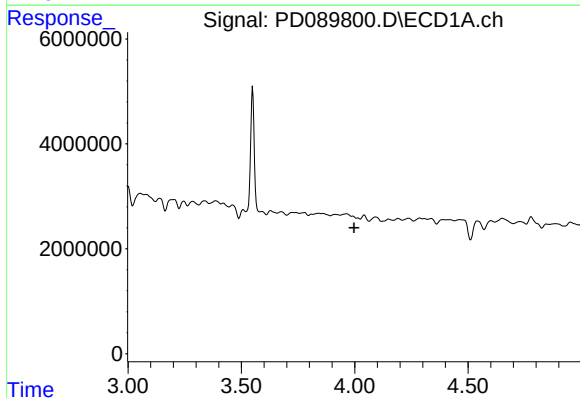
R.T.: 3.550 min
Delta R.T.: 0.002 min
Response: 25649217
Conc: 10.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025



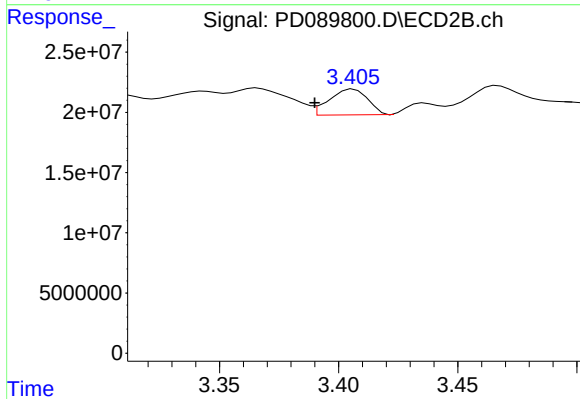
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 309786208
Conc: 19.56 ng/ml



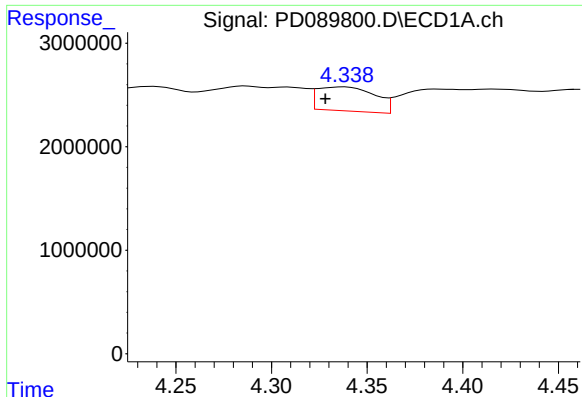
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.997 min
Response: 0
Conc: N.D.



#2 alpha-BHC

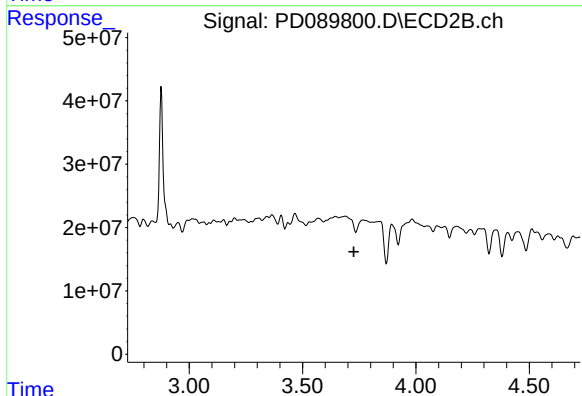
R.T.: 3.406 min
Delta R.T.: 0.016 min
Response: 23998344
Conc: 0.99 ng/ml



#3 gamma-BHC (Lindane)

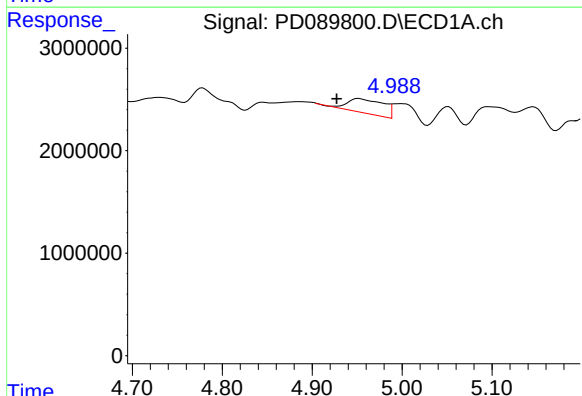
R.T.: 4.338 min
Delta R.T.: 0.010 min
Response: 4856371
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025



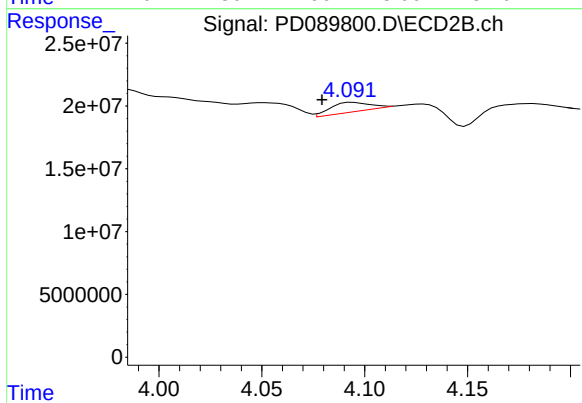
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 3.726 min
Response: 0
Conc: N.D.



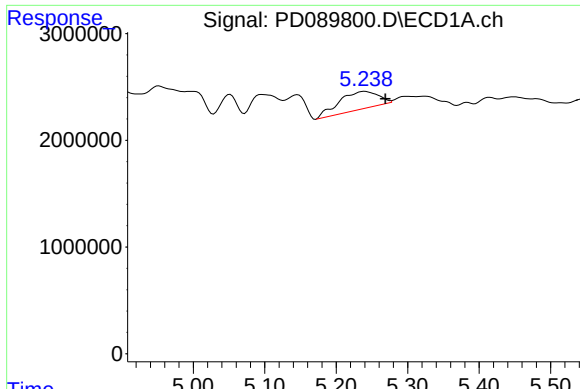
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.025 min
Response: 4065115
Conc: 0.84 ng/ml



#4 Heptachlor

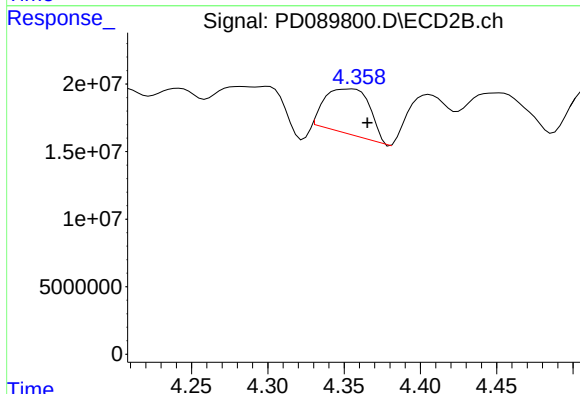
R.T.: 4.094 min
Delta R.T.: 0.015 min
Response: 9980473
Conc: 0.43 ng/ml



#5 Aldrin

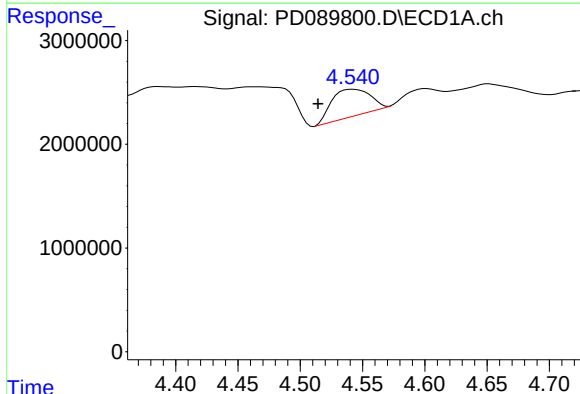
R.T.: 5.240 min
Delta R.T.: -0.029 min
Response: 6374666
Conc: 1.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025



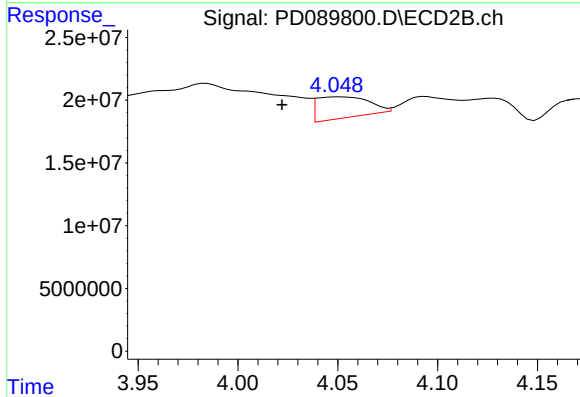
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: -0.011 min
Response: 67893740
Conc: 3.05 ng/ml



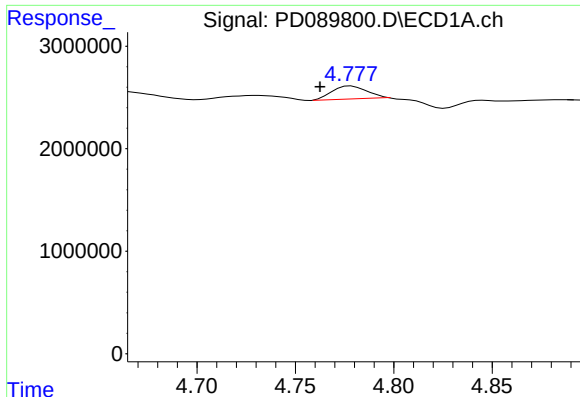
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: 0.028 min
Response: 5442187
Conc: 2.95 ng/ml



#6 beta-BHC

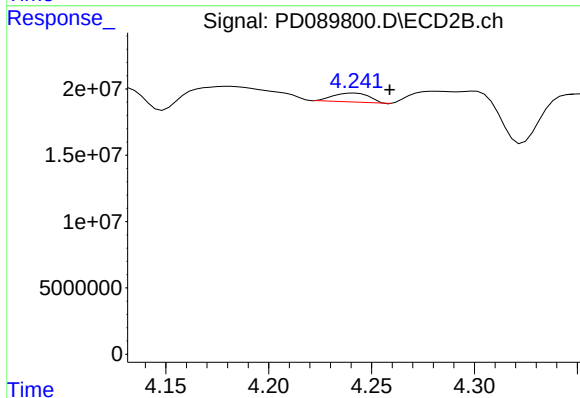
R.T.: 4.051 min
Delta R.T.: 0.029 min
Response: 30735418
Conc: 3.19 ng/ml



#7 delta-BHC

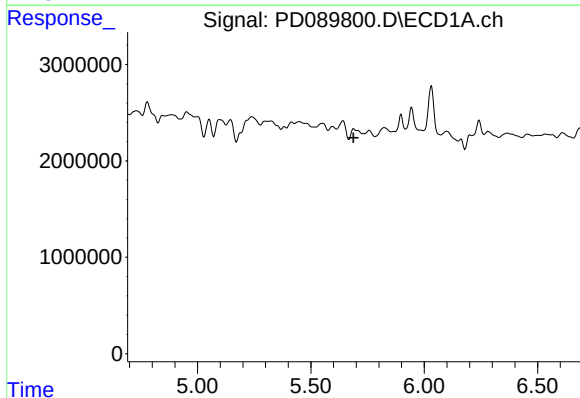
R.T.: 4.778 min
Delta R.T.: 0.016 min
Response: 1508848
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025



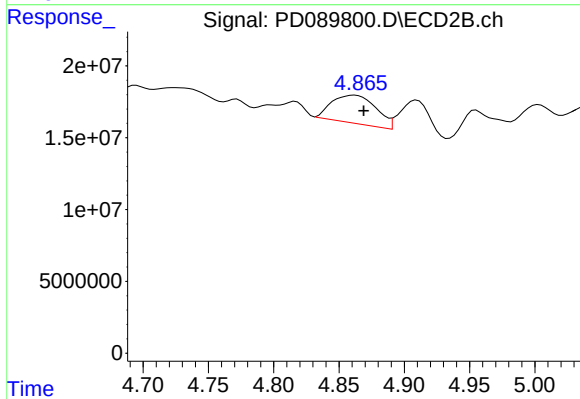
#7 delta-BHC

R.T.: 4.242 min
Delta R.T.: -0.017 min
Response: 8314683
Conc: 0.37 ng/ml



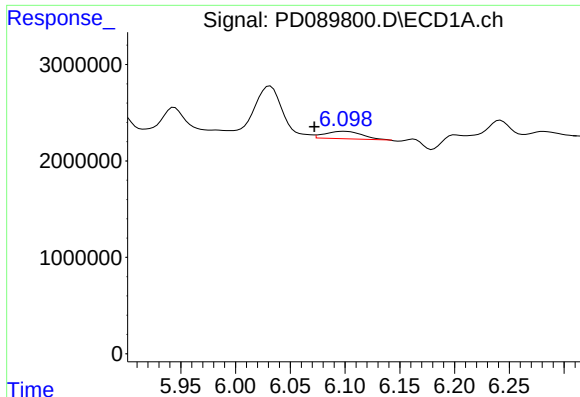
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: -1305009
Conc: N.D.



#8 Heptachlor epoxide

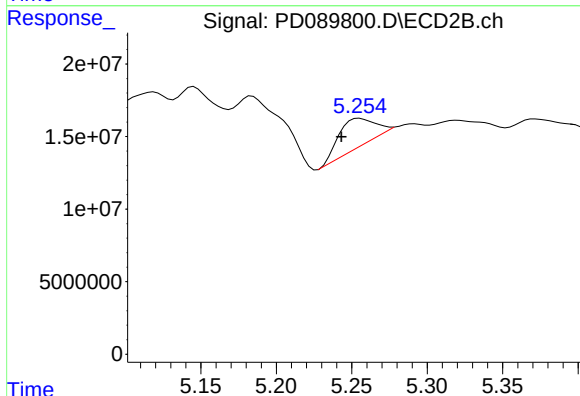
R.T.: 4.862 min
Delta R.T.: -0.007 min
Response: 46341503
Conc: 2.26 ng/ml



#9 Endosulfan I

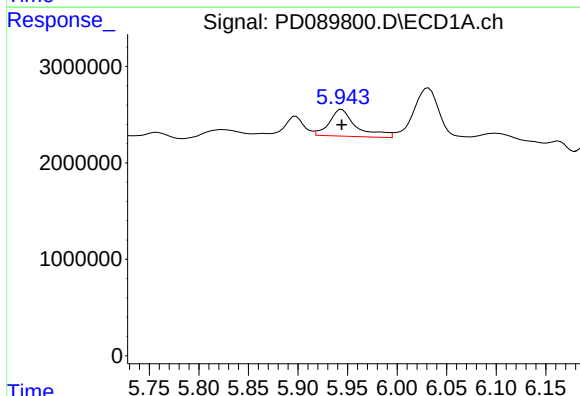
R.T.: 6.099 min
Delta R.T.: 0.027 min
Response: 1760067
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025



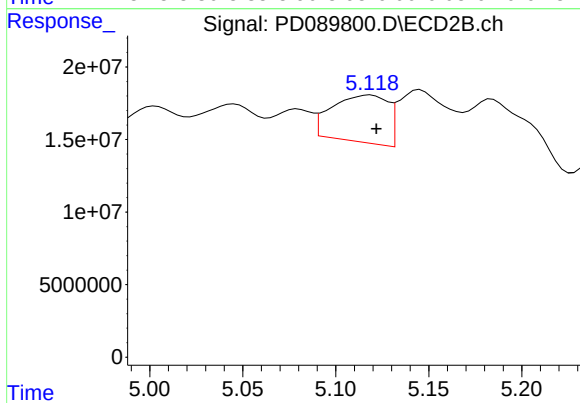
#9 Endosulfan I

R.T.: 5.255 min
Delta R.T.: 0.012 min
Response: 31807337
Conc: 1.63 ng/ml



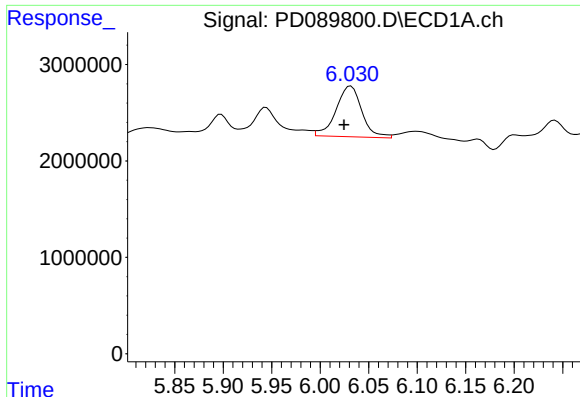
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 5263732
Conc: 1.26 ng/ml



#10 gamma-Chlordane

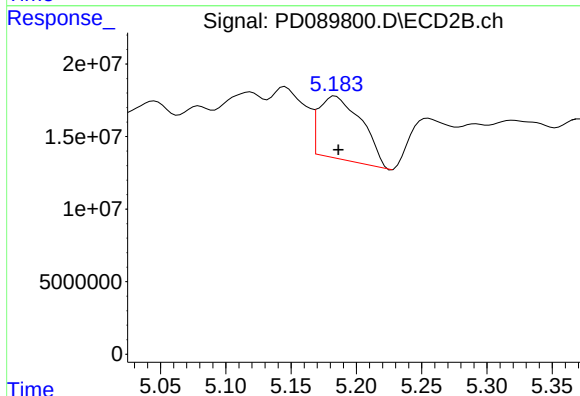
R.T.: 5.118 min
Delta R.T.: -0.003 min
Response: 67538931
Conc: 3.12 ng/ml



#11 alpha-Chlordane

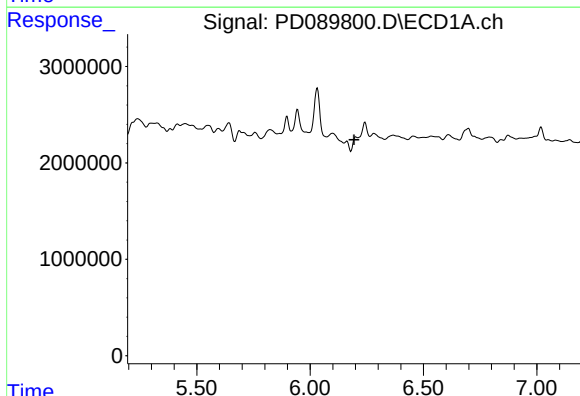
R.T.: 6.032 min
Delta R.T.: 0.007 min
Response: 9745267
Conc: 2.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025



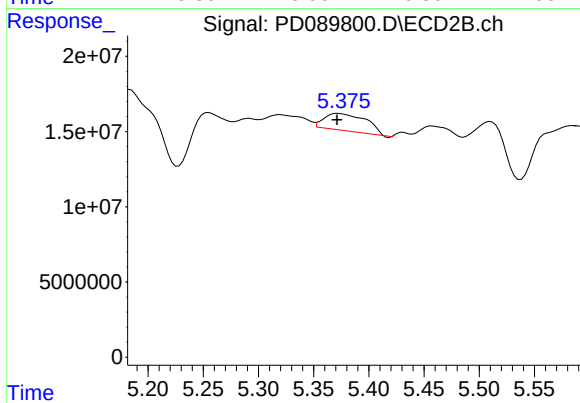
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 98873948
Conc: 4.75 ng/ml



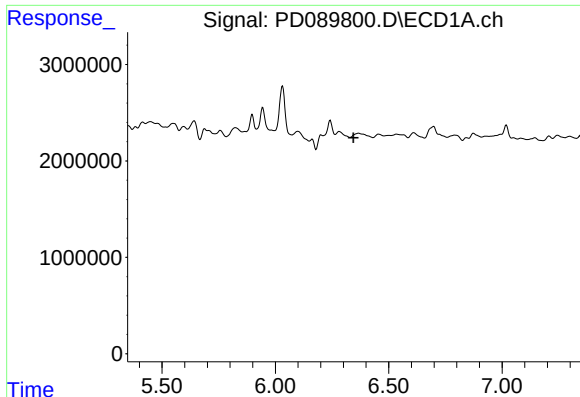
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.008 min
Response: -1078232
Conc: N.D.



#12 4,4'-DDE

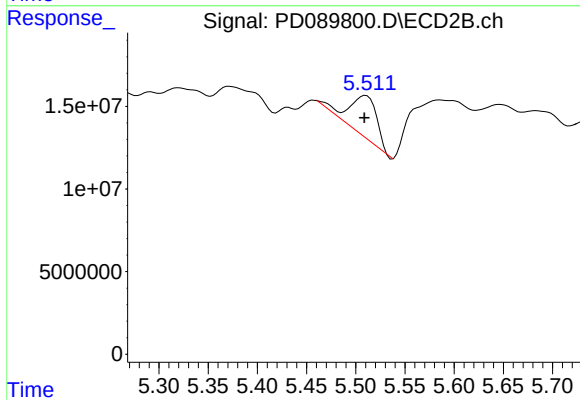
R.T.: 5.372 min
Delta R.T.: 0.001 min
Response: 29016118
Conc: 1.37 ng/ml



#13 Dieldrin

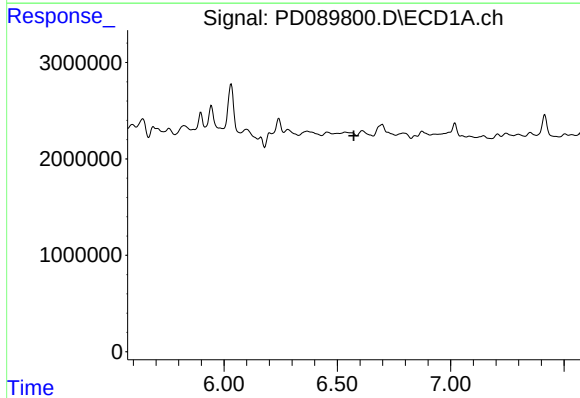
R.T.: 6.367 min
Delta R.T.: 0.022 min
Response: -39581
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025



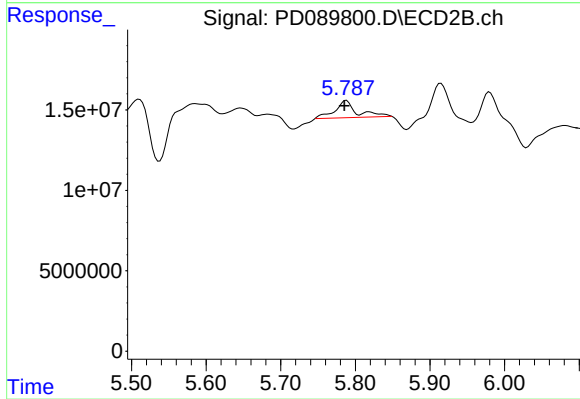
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: 0.001 min
Response: 49717666
Conc: 2.30 ng/ml



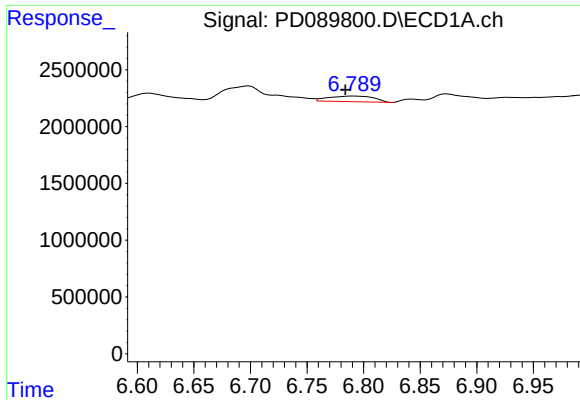
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.572 min
Response: 0
Conc: N.D.



#14 Endrin

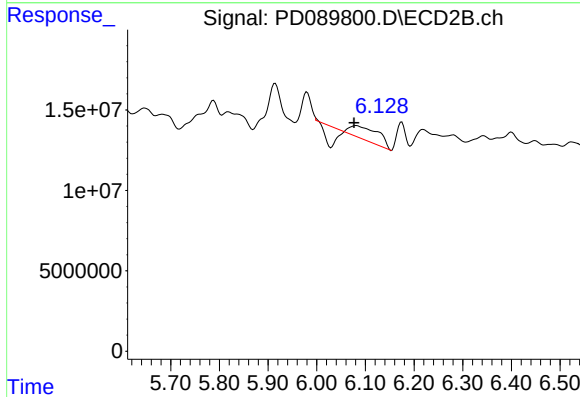
R.T.: 5.788 min
Delta R.T.: 0.003 min
Response: 21825289
Conc: 1.10 ng/ml



#15 Endosulfan II

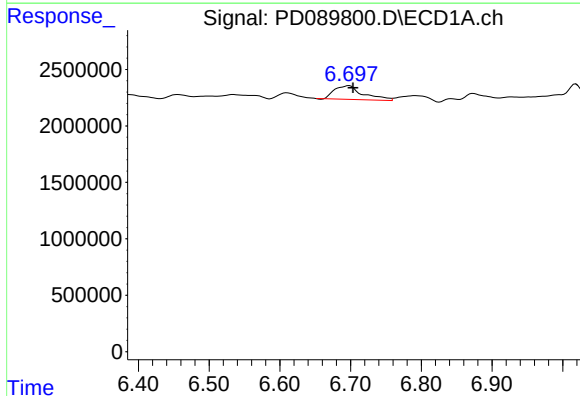
R.T.: 6.792 min
Delta R.T.: 0.008 min
Response: 1385508
Conc: 0.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025



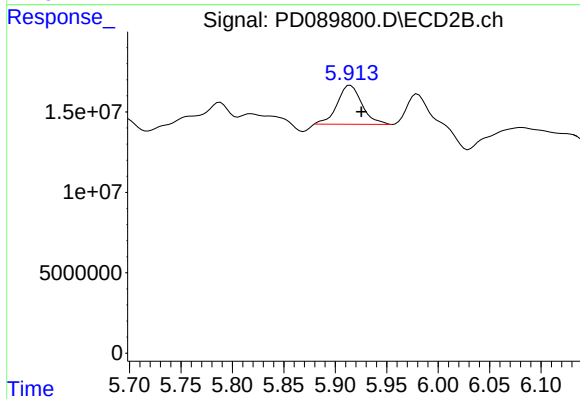
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 18694890
Conc: 0.99 ng/ml



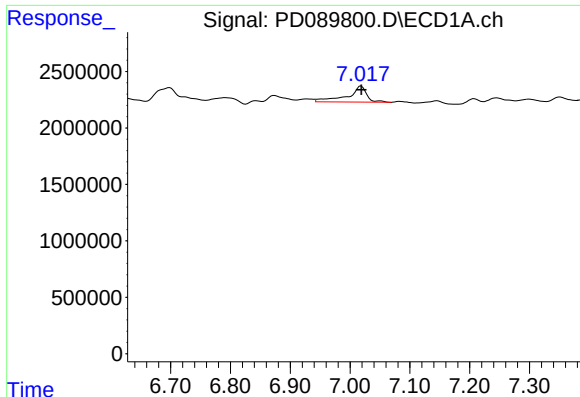
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.005 min
Response: 3427847
Conc: 1.14 ng/ml



#16 4,4'-DDD

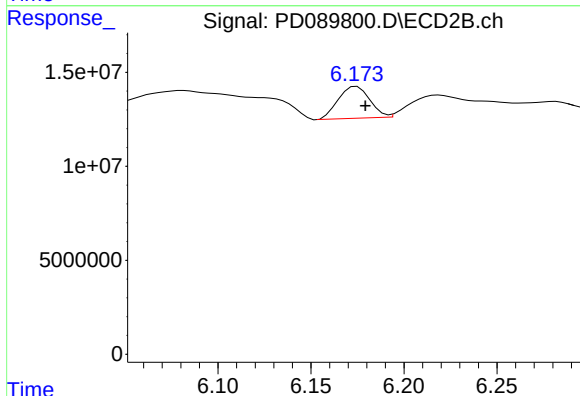
R.T.: 5.915 min
Delta R.T.: -0.010 min
Response: 40559076
Conc: 2.30 ng/ml



#17 4,4'-DDT

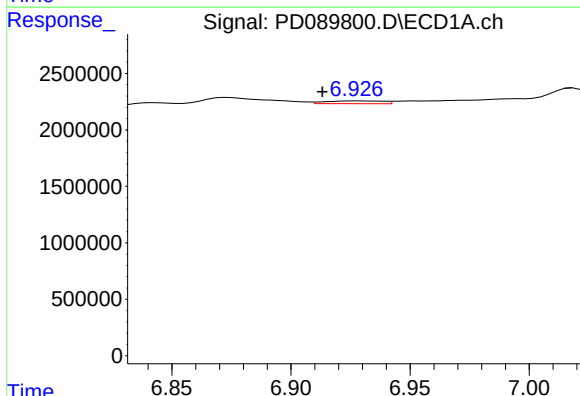
R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 3247340
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025



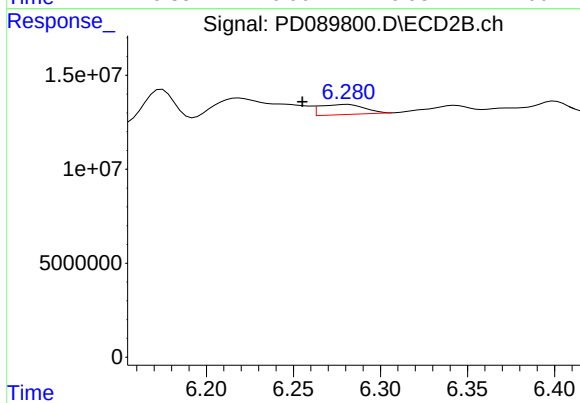
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.005 min
Response: 19970871
Conc: 1.09 ng/ml



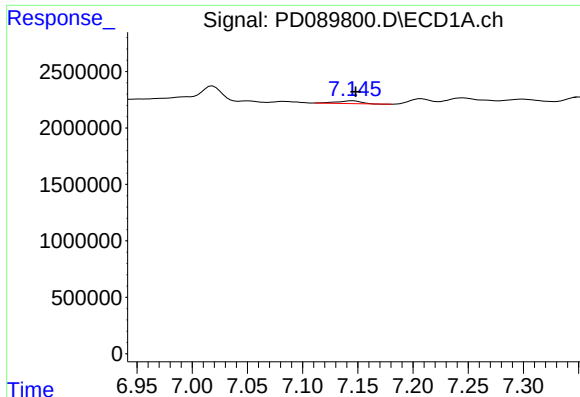
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.015 min
Response: 419581
Conc: 0.17 ng/ml



#18 Endrin aldehyde

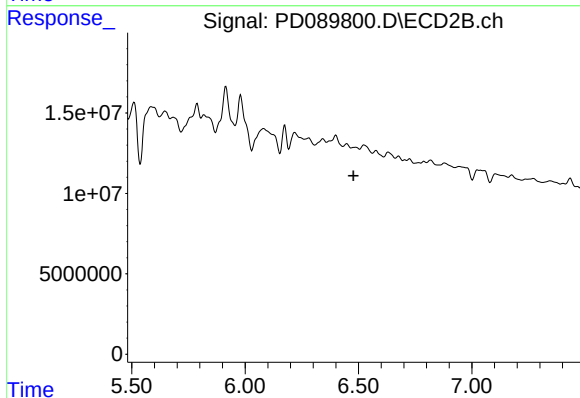
R.T.: 6.279 min
Delta R.T.: 0.024 min
Response: 8423385
Conc: 0.65 ng/ml



#19 Endosulfan Sulfate

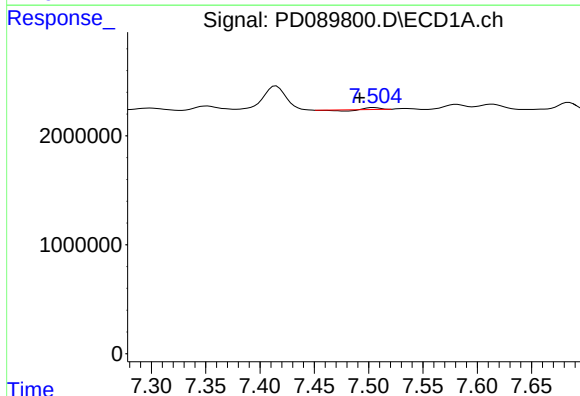
R.T.: 7.145 min
Delta R.T.: -0.003 min
Response: 380968
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025



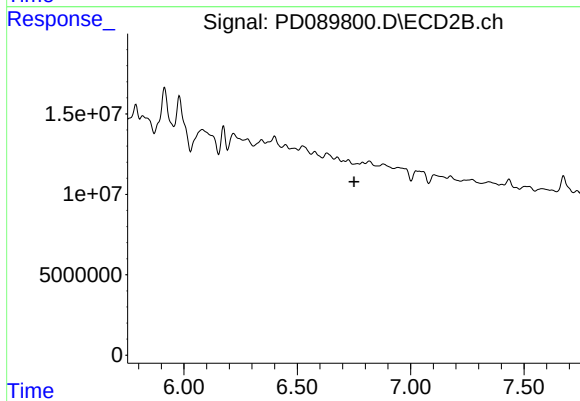
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.478 min
Response: 0
Conc: N.D.



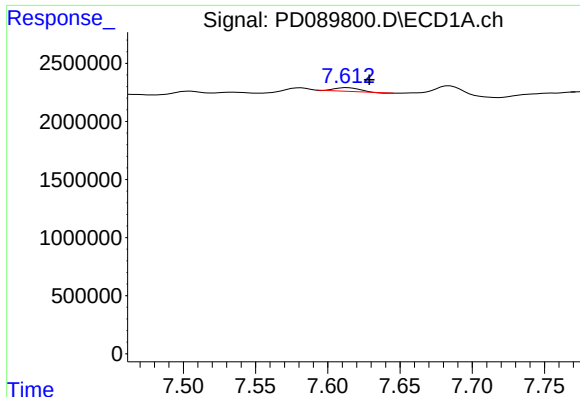
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.013 min
Response: 23067
Conc: 0.01 ng/ml



#20 Methoxychlor

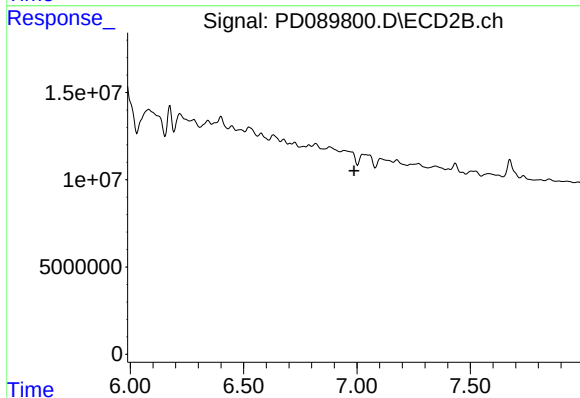
R.T.: 0.000 min
Exp R.T. : 6.750 min
Response: 0
Conc: N.D.



#21 Endrin ketone

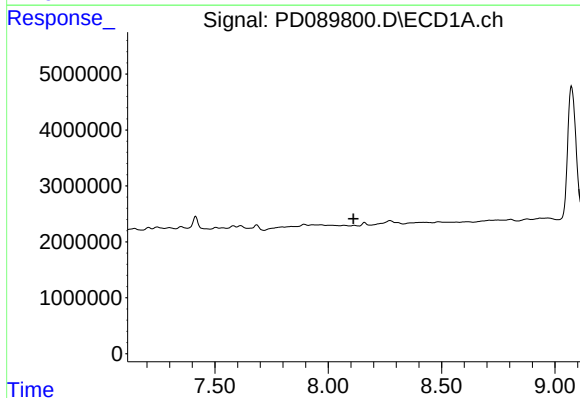
R.T.: 7.614 min
Delta R.T.: -0.015 min
Response: 368138
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025



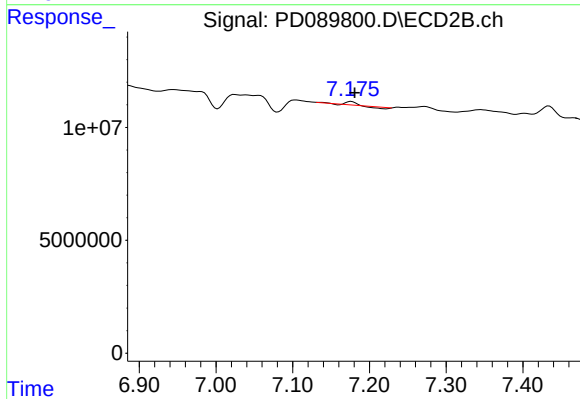
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.988 min
Response: 0
Conc: N.D.



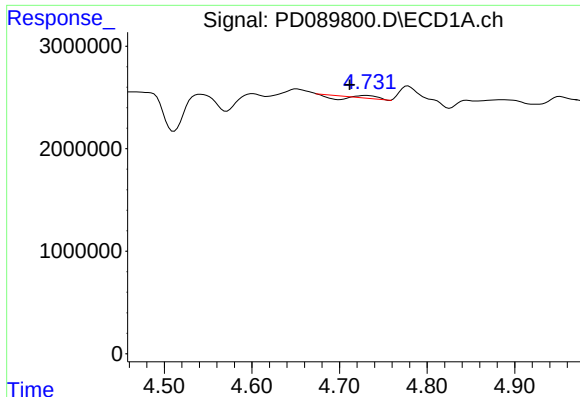
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.112 min
Response: 0
Conc: N.D.



#22 Mirex

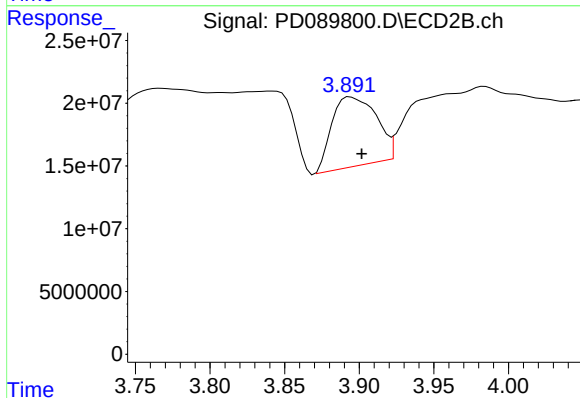
R.T.: 7.176 min
Delta R.T.: -0.005 min
Response: 133206
Conc: 0.01 ng/ml



#23 Chlordane-1

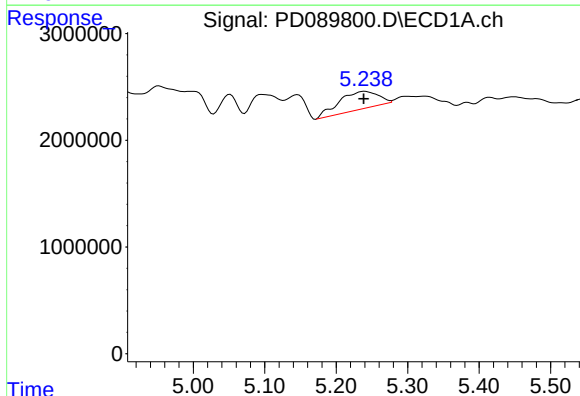
R.T.: 4.731 min
Delta R.T.: 0.019 min
Response: 48633
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025



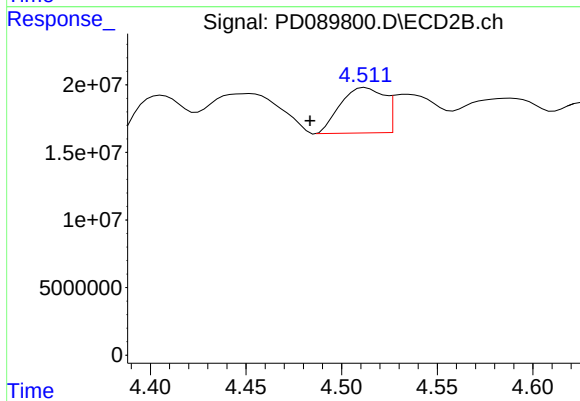
#23 Chlordane-1

R.T.: 3.894 min
Delta R.T.: -0.007 min
Response: 114232084
Conc: 156.18 ng/ml



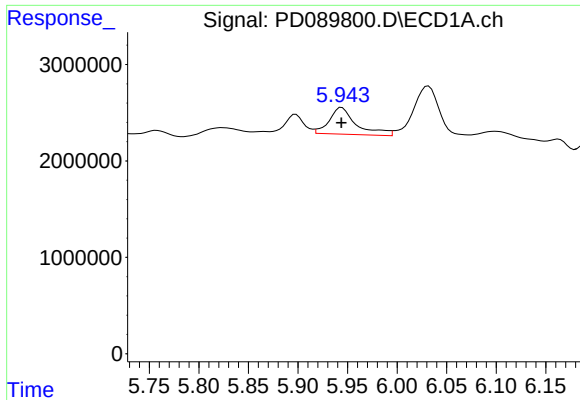
#24 Chlordane-2

R.T.: 5.240 min
Delta R.T.: 0.001 min
Response: 6374666
Conc: 37.52 ng/ml



#24 Chlordane-2

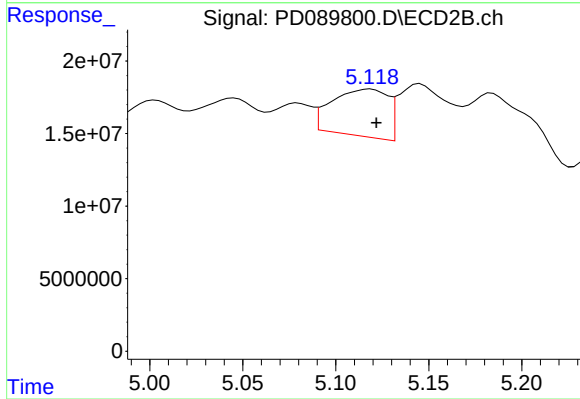
R.T.: 4.513 min
Delta R.T.: 0.029 min
Response: 53675606
Conc: 70.22 ng/ml



#25 Chlordane-3

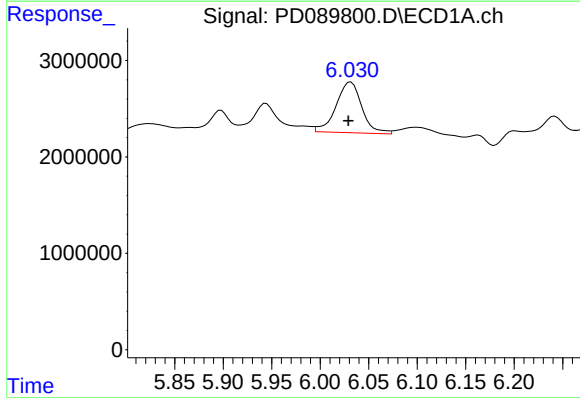
R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 5263732
Conc: 7.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025



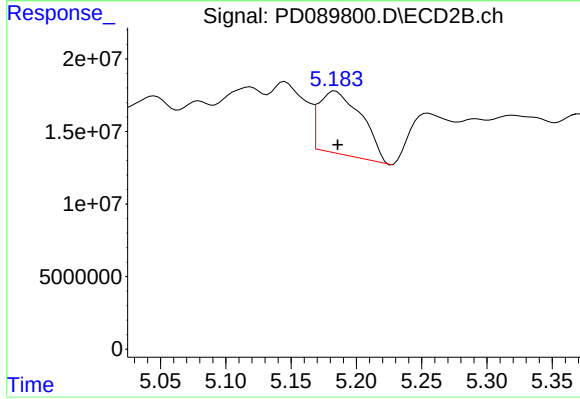
#25 Chlordane-3

R.T.: 5.118 min
Delta R.T.: -0.003 min
Response: 67538931
Conc: 29.18 ng/ml



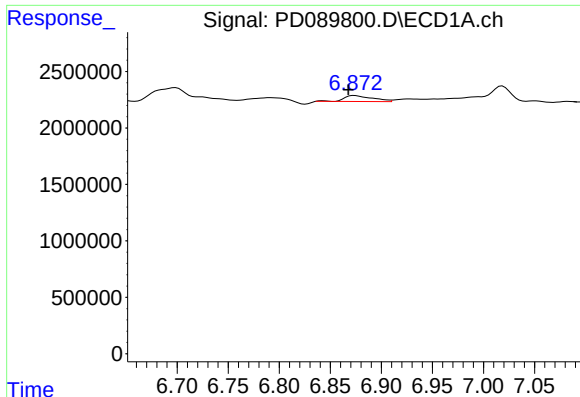
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 9745267
Conc: 11.64 ng/ml



#26 Chlordane-4

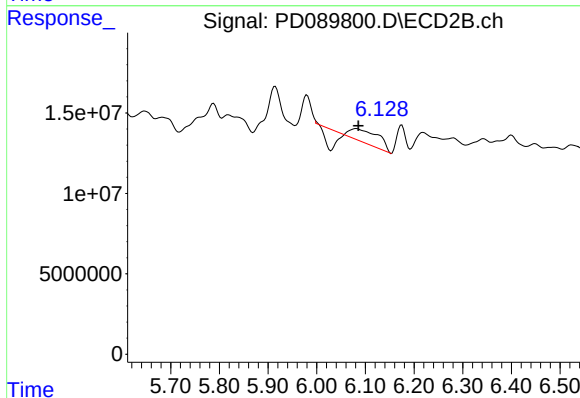
R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 98873948
Conc: 49.70 ng/ml



#27 Chlordane-5

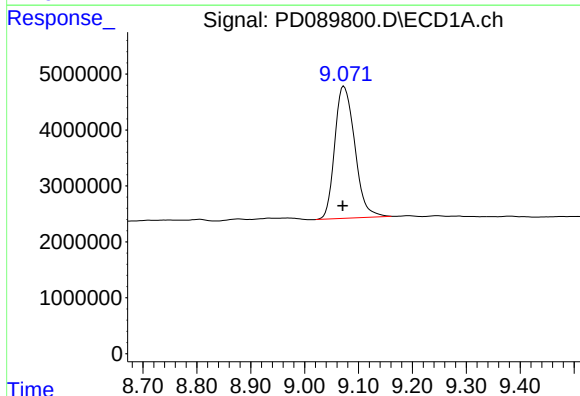
R.T.: 6.874 min
Delta R.T.: 0.006 min
Response: 1007922
Conc: 6.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-08062025



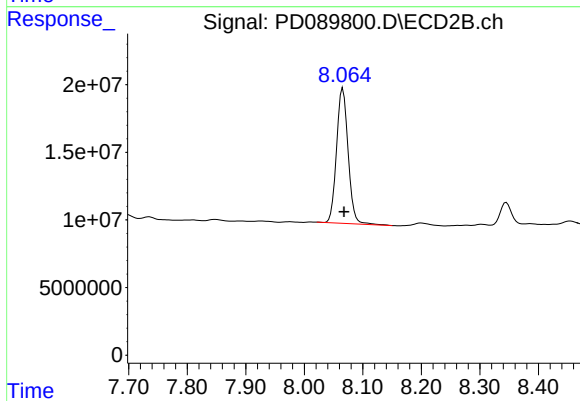
#27 Chlordane-5

R.T.: 6.081 min
Delta R.T.: -0.005 min
Response: 18694890
Conc: 20.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.003 min
Response: 60993545
Conc: 16.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 137009749
Conc: 6.82 ng/ml