

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071025\
 Data File : PD089430.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 12:03
 Operator : AR\AJ
 Sample : Q2526-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LAW-25-0102RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 22:57:19 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...	3.554	2.883	12142976	283.7E6	4.256	16.733 #
28)	SA Decachlor...	9.078	8.072	13472679	164.3E6	3.430	8.311 #
Target Compounds							
2)	A alpha-BHC	3.976f	3.366f	4103377	81468102	0.704	3.040 #
3)	MA gamma-BHC...	0.000	3.738	0	21241972	N.D.	0.858 #
4)	MA Heptachlor	4.921	4.082	620856	741333	0.114	0.030 #
5)	MB Aldrin	5.252f	4.369	687804	-336845	0.129	N.D. #
6)	B beta-BHC	4.538f	4.037	707798	25249753	0.321	2.350 #
7)	B delta-BHC	4.762	4.282f	343421	3184874	0.067	0.128 #
8)	B Heptachlo...	5.688	4.858	-148971	51497076	N.D.	2.352
9)	A Endosulfan I	6.086	5.251	169882	107.7E6	0.038	5.166 #
10)	B gamma-Chl...	5.920f	5.145f	5411525	83125620	1.130	3.475 #
11)	B alpha-Chl...	6.033	5.190	1196377	109.8E6	0.247	4.795 #
12)	B 4,4'-DDE	6.169f	5.397f	1559133	63983706	0.358	2.792 #
13)	MA Dieldrin	0.000	5.516	0	64291479	N.D.	2.770 #
14)	MA Endrin	6.596f	5.793	-486401	76974491	N.D.	3.545
15)	B Endosulfa...	6.792	6.069	2654130	3370128	0.658	0.167 #
16)	A 4,4'-DDD	0.000	5.920	0	4066551	N.D.	0.213 #
17)	MA 4,4'-DDT	7.027	6.185	1147318	4948994	0.303	0.244
18)	B Endrin al...	6.929	6.288f	6129774	6593992	2.001	0.431 #
19)	B Endosulfa...	7.154	6.502f	1126437	32181356	0.294	1.640 #
20)	A Methoxychlor	0.000	6.746	0	18816940	N.D.	1.747 #
21)	B Endrin ke...	0.000	6.981	0	1708383	N.D.	0.079 #
22)	Mirex	8.132f	7.189	-209037	32800019	N.D.	1.967
23)	Chlordane-1	0.000	3.905	0	5902443	N.D.	6.331 #
24)	Chlordane-2	5.252	4.488	687804	13090062	3.151	13.756 #
25)	Chlordane-3	5.920f	5.145	5411525	83125620	6.274	27.987 #
26)	Chlordane-4	6.033	5.190	1196377	109.8E6	1.139	43.796 #
27)	Chlordane-5	0.000	6.069f	0	3370128	N.D.	2.978 #

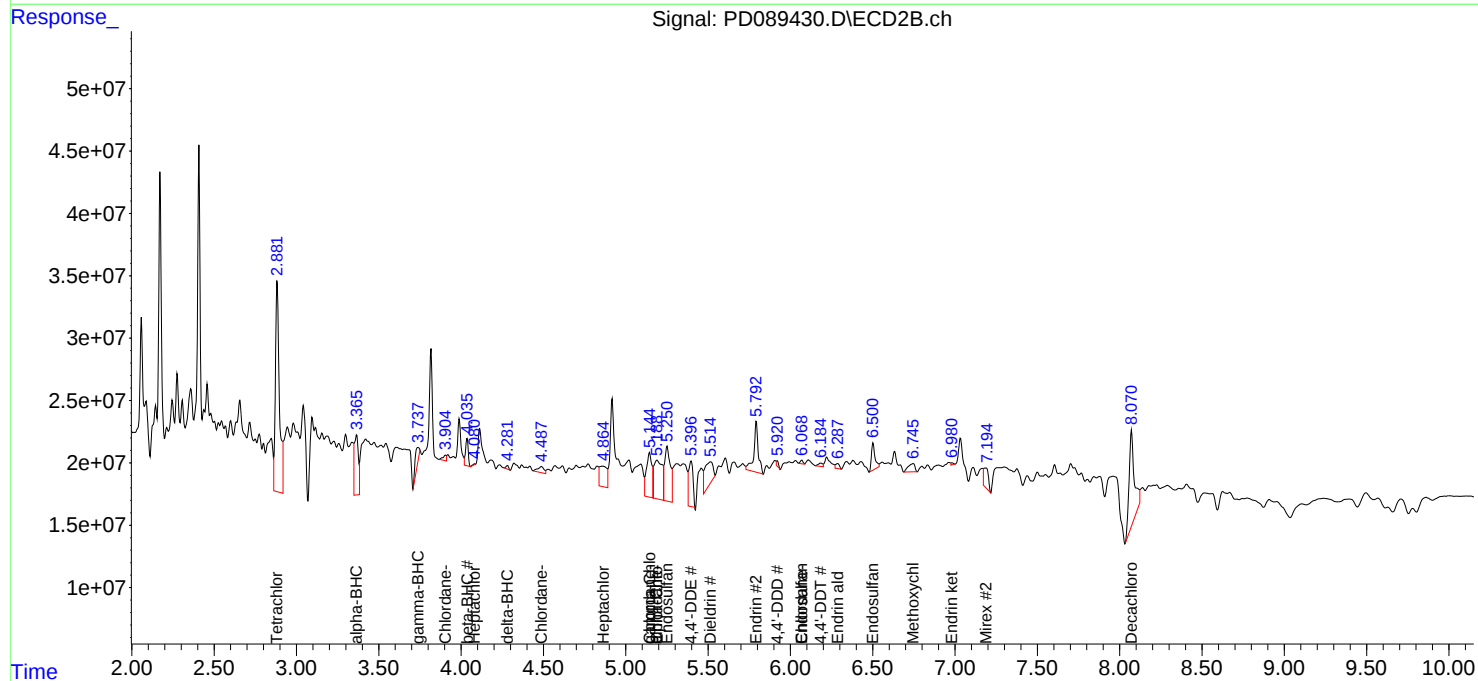
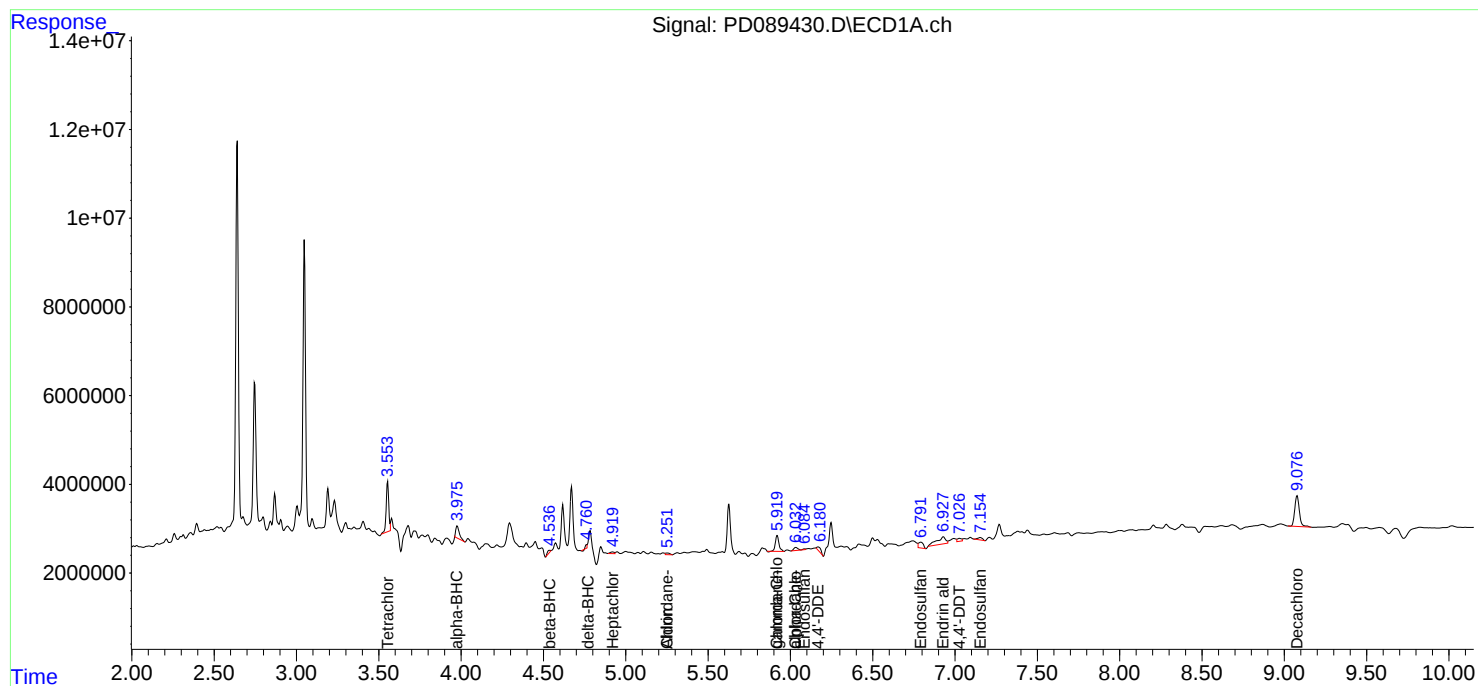
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

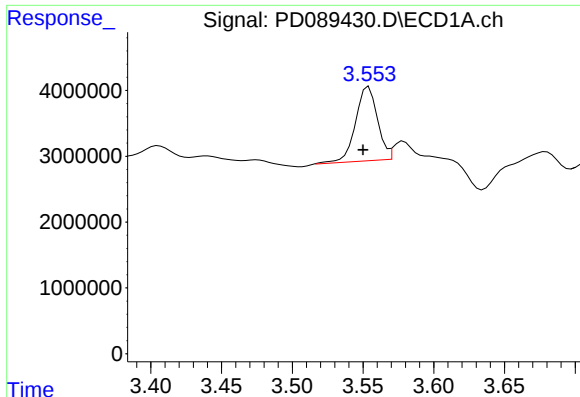
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071025\
Data File : PD089430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 12:03
Operator : AR\AJ
Sample : Q2526-03RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:57:19 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

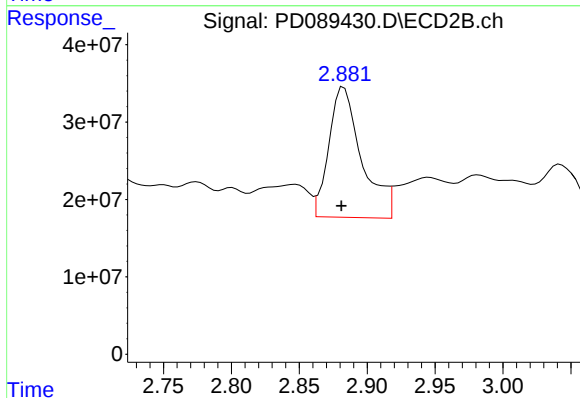




#1 Tetrachloro-m-xylene

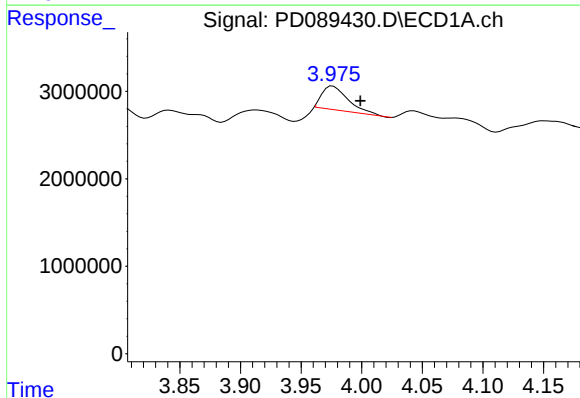
R.T.: 3.554 min
Delta R.T.: 0.004 min
Response: 12142976
Conc: 4.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE



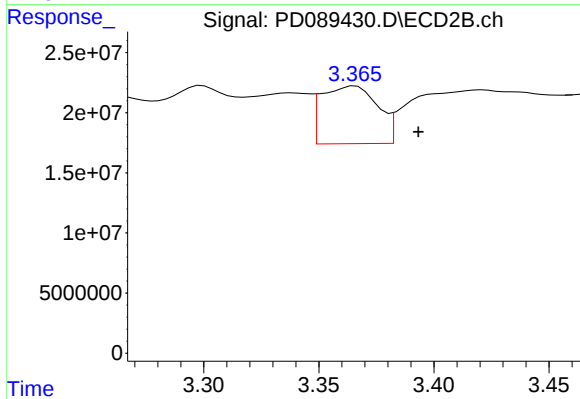
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.002 min
Response: 283670058
Conc: 16.73 ng/ml



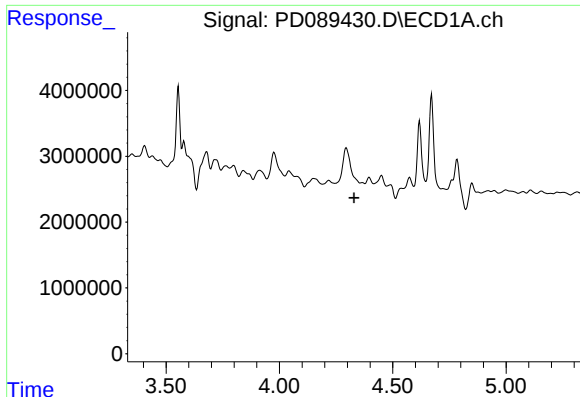
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.023 min
Response: 4103377
Conc: 0.70 ng/ml



#2 alpha-BHC

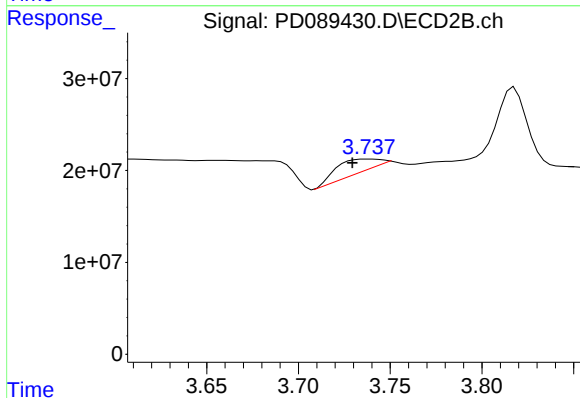
R.T.: 3.366 min
Delta R.T.: -0.028 min
Response: 81468102
Conc: 3.04 ng/ml



#3 gamma-BHC (Lindane)

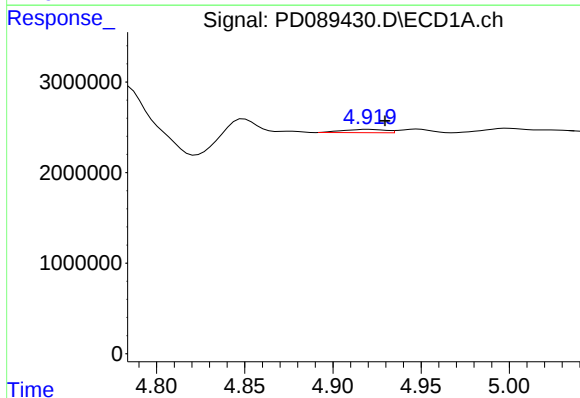
R.T.: 0.000 min
Exp R.T.: 4.330 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE



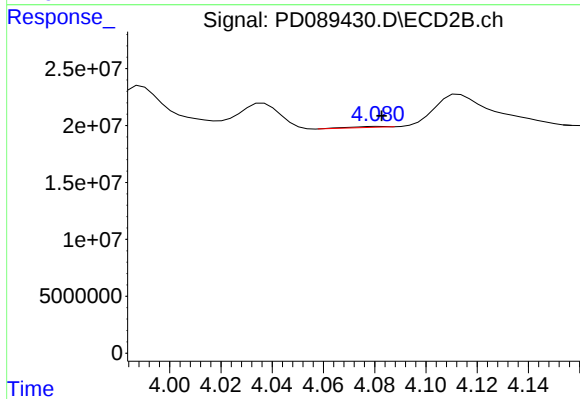
#3 gamma-BHC (Lindane)

R.T.: 3.738 min
Delta R.T.: 0.009 min
Response: 21241972
Conc: 0.86 ng/ml



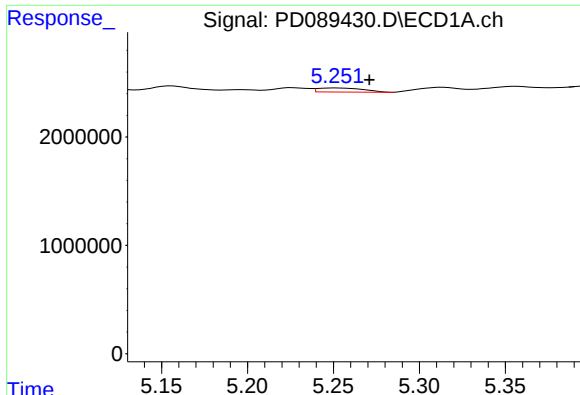
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.009 min
Response: 620856
Conc: 0.11 ng/ml



#4 Heptachlor

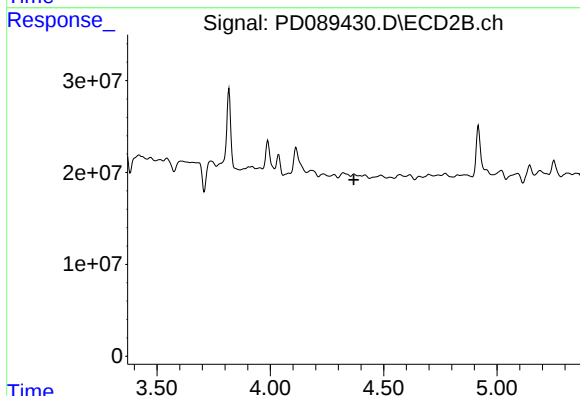
R.T.: 4.082 min
Delta R.T.: -0.001 min
Response: 741333
Conc: 0.03 ng/ml



#5 Aldrin

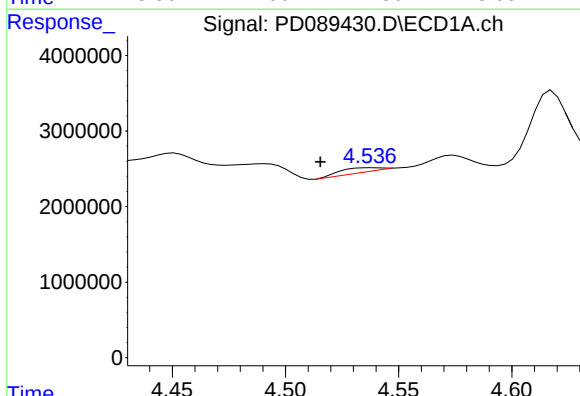
R.T.: 5.252 min
Delta R.T.: -0.019 min
Response: 687804
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE



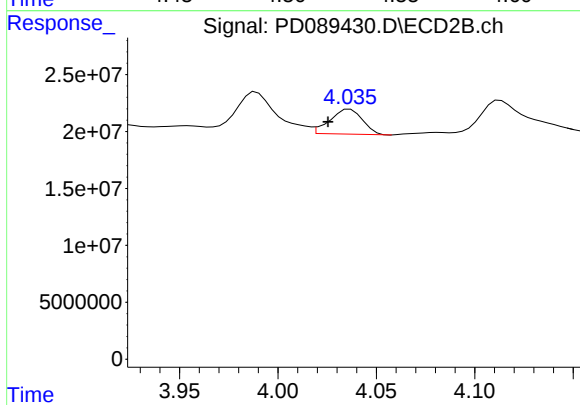
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: -336845
Conc: N.D.



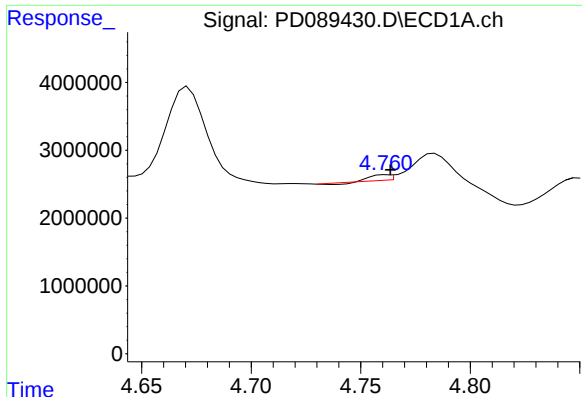
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.022 min
Response: 707798
Conc: 0.32 ng/ml



#6 beta-BHC

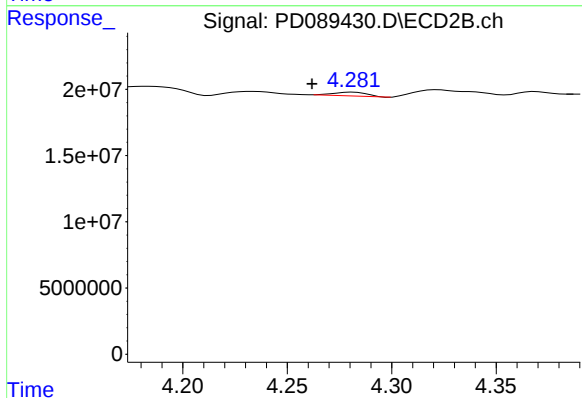
R.T.: 4.037 min
Delta R.T.: 0.011 min
Response: 25249753
Conc: 2.35 ng/ml



#7 delta-BHC

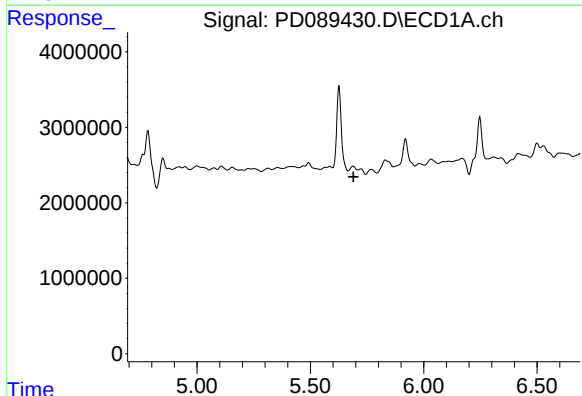
R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 343421
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE



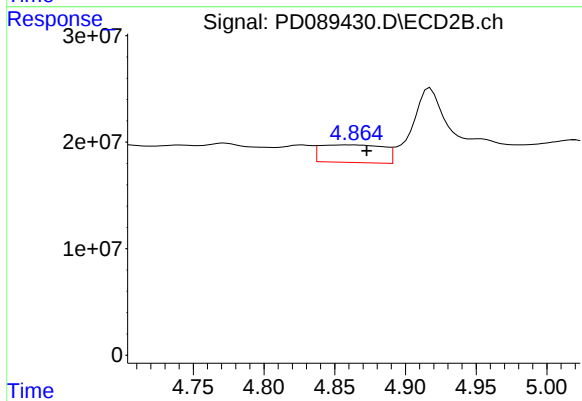
#7 delta-BHC

R.T.: 4.282 min
Delta R.T.: 0.020 min
Response: 3184874
Conc: 0.13 ng/ml



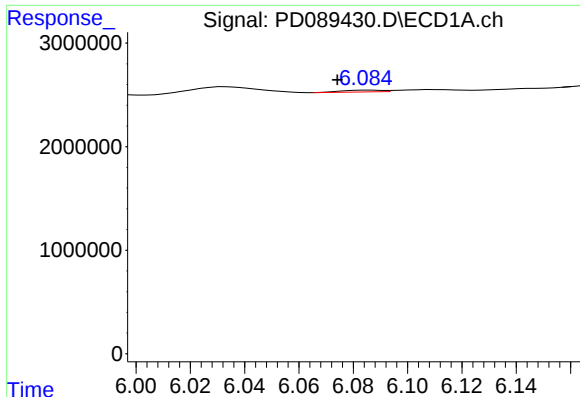
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.003 min
Response: -148971
Conc: N.D.



#8 Heptachlor epoxide

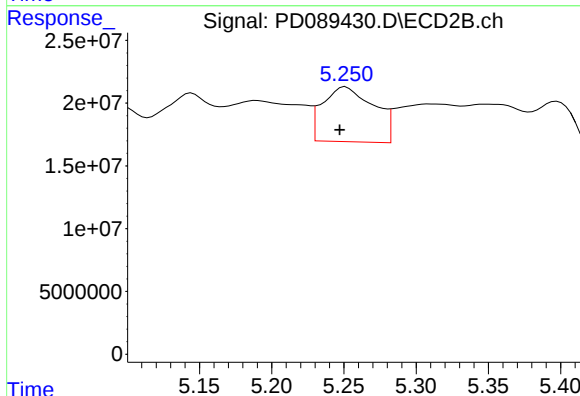
R.T.: 4.858 min
Delta R.T.: -0.015 min
Response: 51497076
Conc: 2.35 ng/ml



#9 Endosulfan I

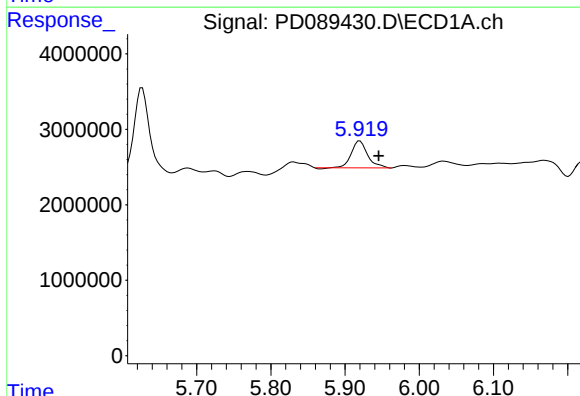
R.T.: 6.086 min
Delta R.T.: 0.012 min
Response: 169882
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE



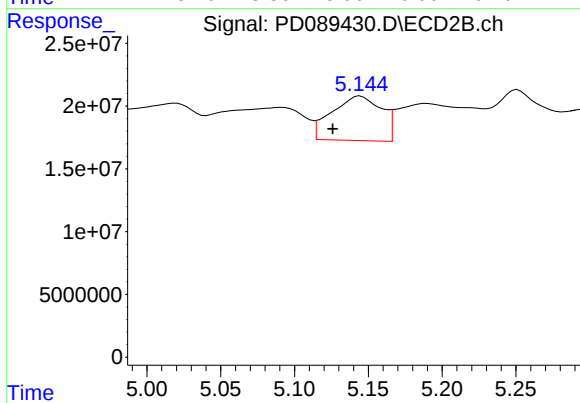
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: 0.004 min
Response: 107669605
Conc: 5.17 ng/ml



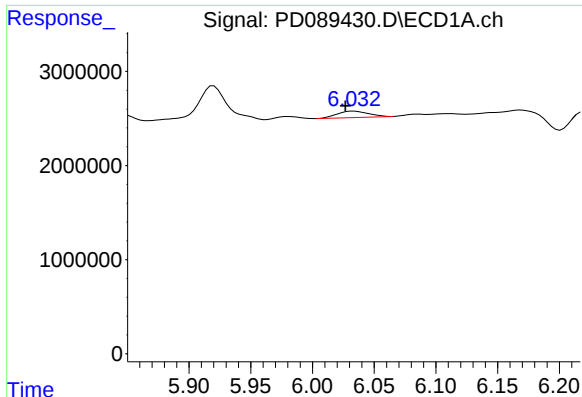
#10 gamma-Chlordane

R.T.: 5.920 min
Delta R.T.: -0.026 min
Response: 5411525
Conc: 1.13 ng/ml



#10 gamma-Chlordane

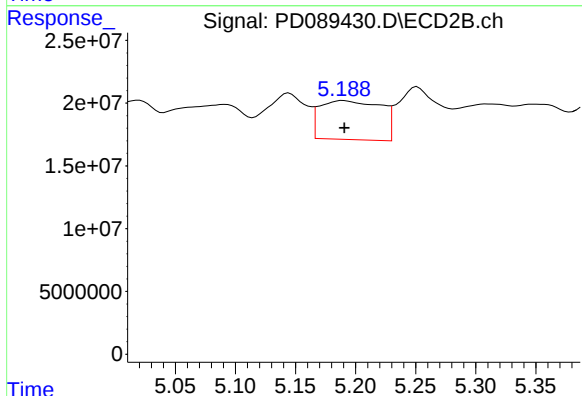
R.T.: 5.145 min
Delta R.T.: 0.019 min
Response: 83125620
Conc: 3.47 ng/ml



#11 alpha-Chlordane

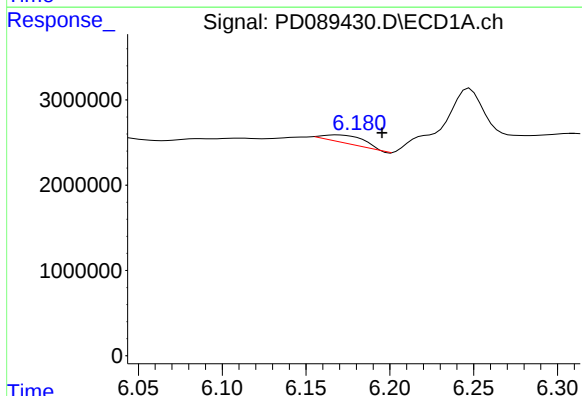
R.T.: 6.033 min
Delta R.T.: 0.006 min
Response: 1196377
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE



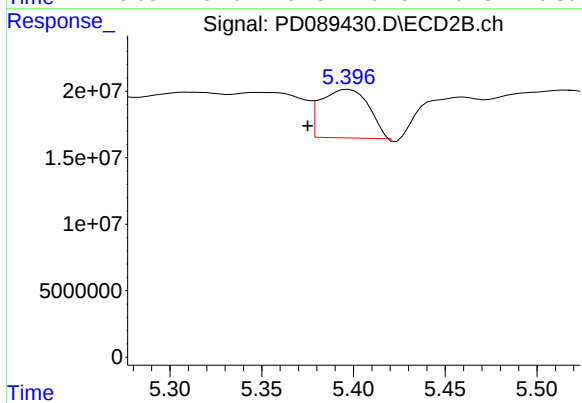
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 109784487
Conc: 4.79 ng/ml



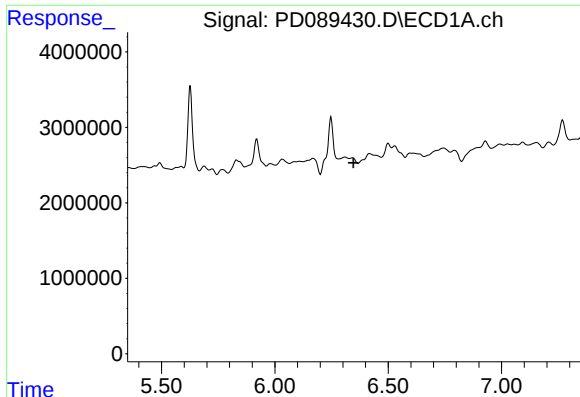
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: -0.027 min
Response: 1559133
Conc: 0.36 ng/ml



#12 4,4'-DDE

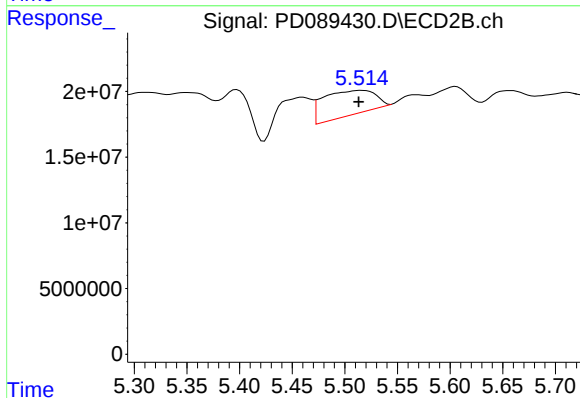
R.T.: 5.397 min
Delta R.T.: 0.022 min
Response: 63983706
Conc: 2.79 ng/ml



#13 Dieldrin

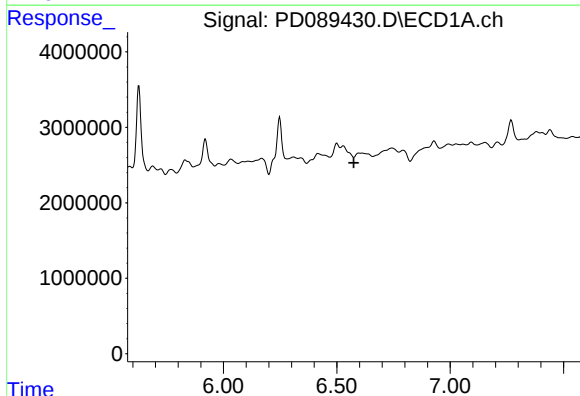
R.T.: 0.000 min
Exp R.T.: 6.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE



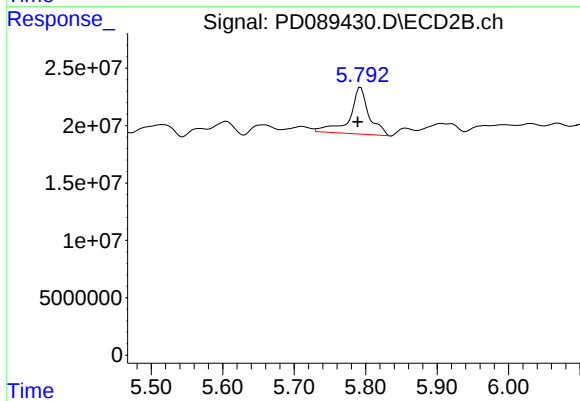
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: 0.003 min
Response: 64291479
Conc: 2.77 ng/ml



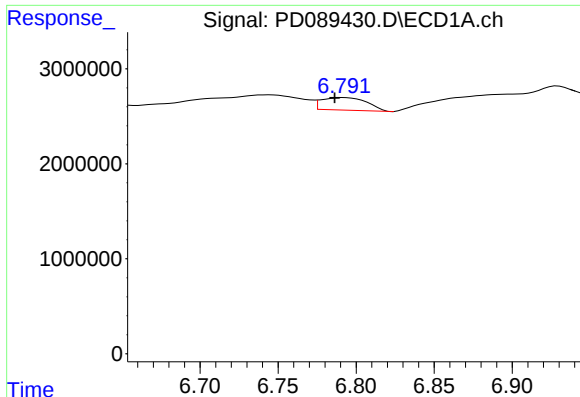
#14 Endrin

R.T.: 6.596 min
Delta R.T.: 0.022 min
Response: -486401
Conc: N.D.



#14 Endrin

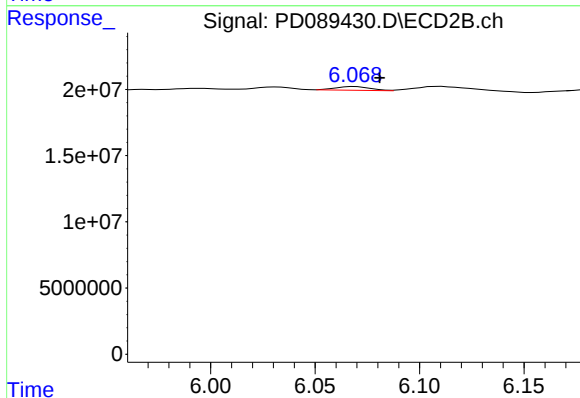
R.T.: 5.793 min
Delta R.T.: 0.004 min
Response: 76974491
Conc: 3.54 ng/ml



#15 Endosulfan II

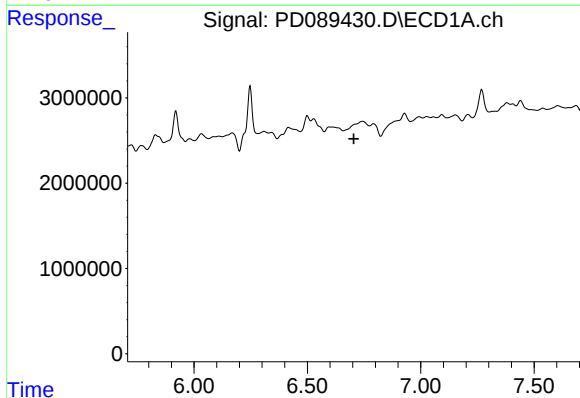
R.T.: 6.792 min
Delta R.T.: 0.006 min
Response: 2654130
Conc: 0.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE



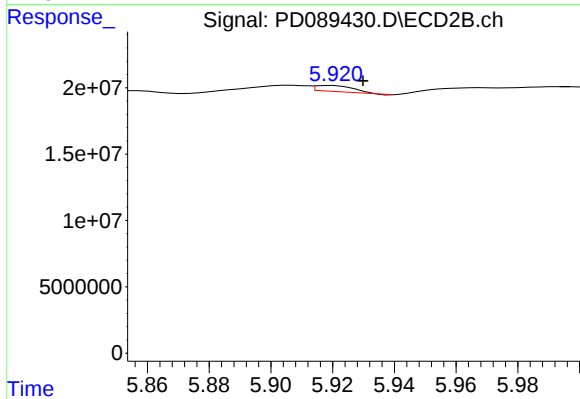
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.012 min
Response: 3370128
Conc: 0.17 ng/ml



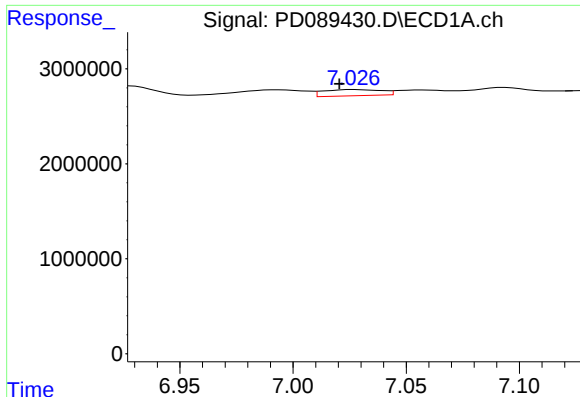
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 6.705 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

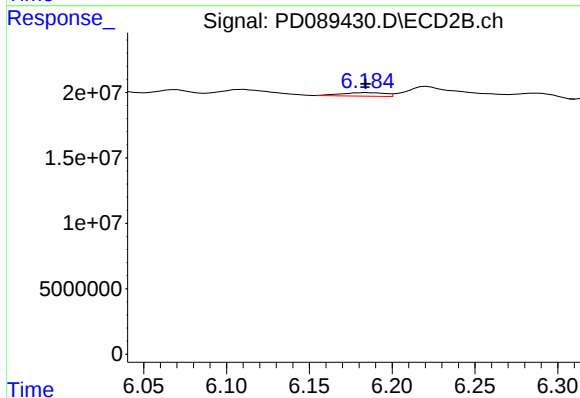
R.T.: 5.920 min
Delta R.T.: -0.010 min
Response: 4066551
Conc: 0.21 ng/ml



#17 4,4'-DDT

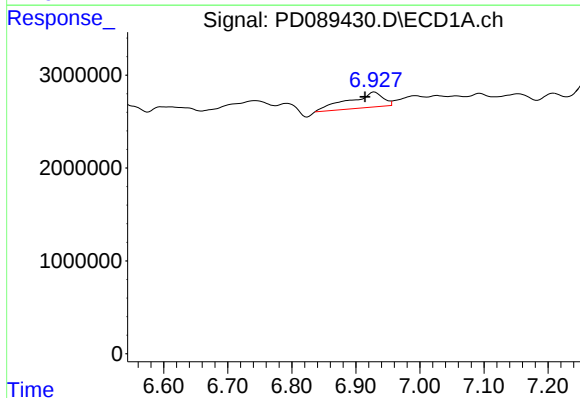
R.T.: 7.027 min
Delta R.T.: 0.006 min
Response: 1147318
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE



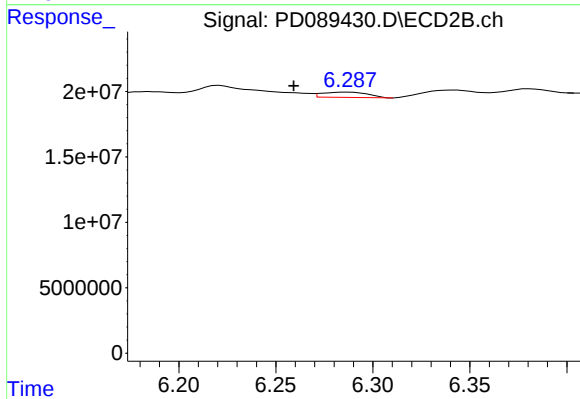
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 4948994
Conc: 0.24 ng/ml



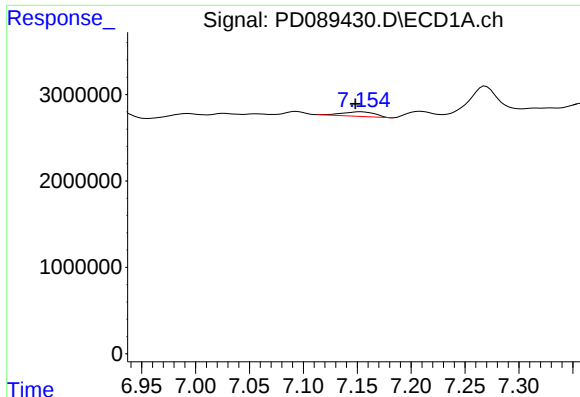
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.014 min
Response: 6129774
Conc: 2.00 ng/ml



#18 Endrin aldehyde

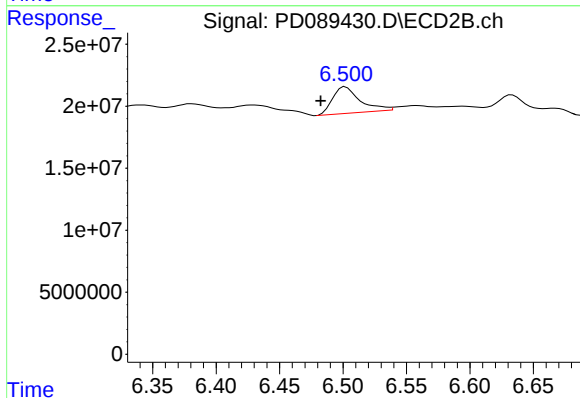
R.T.: 6.288 min
Delta R.T.: 0.029 min
Response: 6593992
Conc: 0.43 ng/ml



#19 Endosulfan Sulfate

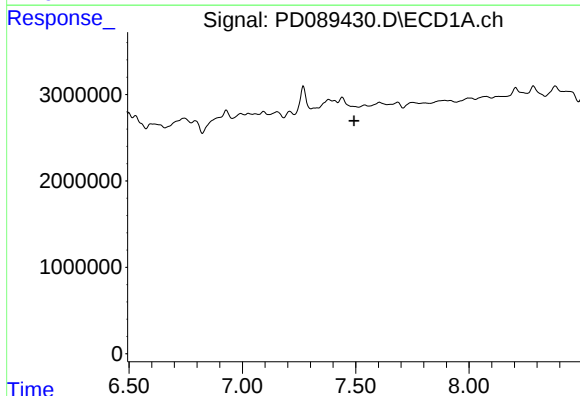
R.T.: 7.154 min
Delta R.T.: 0.005 min
Response: 1126437
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE



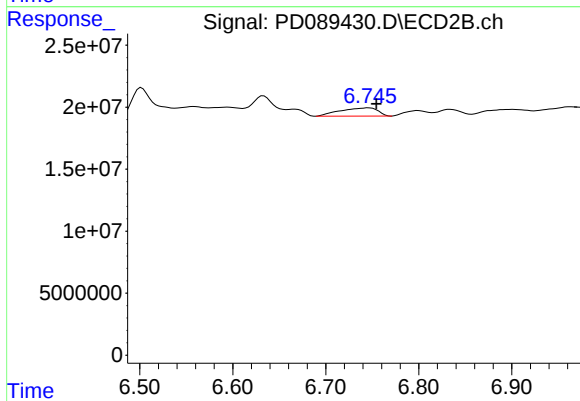
#19 Endosulfan Sulfate

R.T.: 6.502 min
Delta R.T.: 0.020 min
Response: 32181356
Conc: 1.64 ng/ml



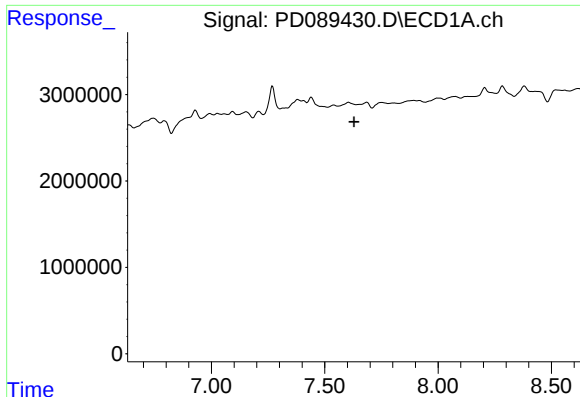
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.493 min
Response: 0
Conc: N.D.



#20 Methoxychlor

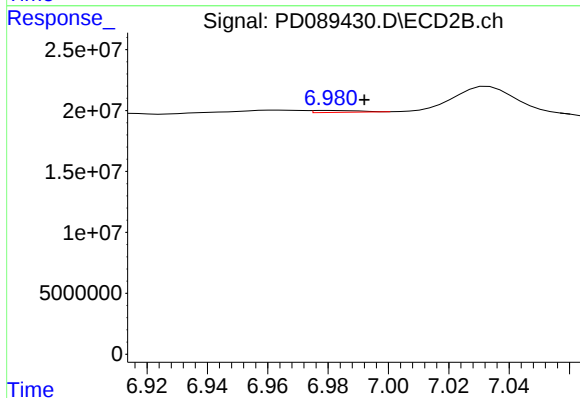
R.T.: 6.746 min
Delta R.T.: -0.008 min
Response: 18816940
Conc: 1.75 ng/ml



#21 Endrin ketone

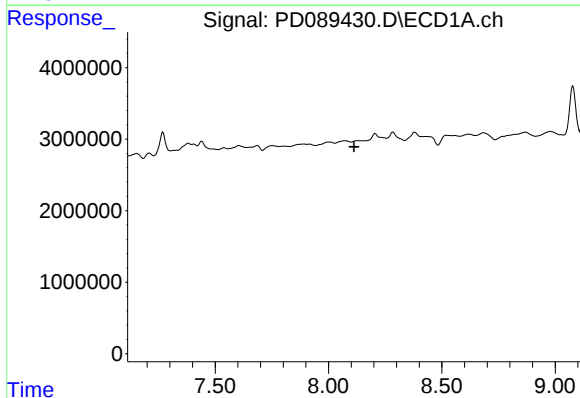
R.T.: 0.000 min
Exp R.T.: 7.629 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE



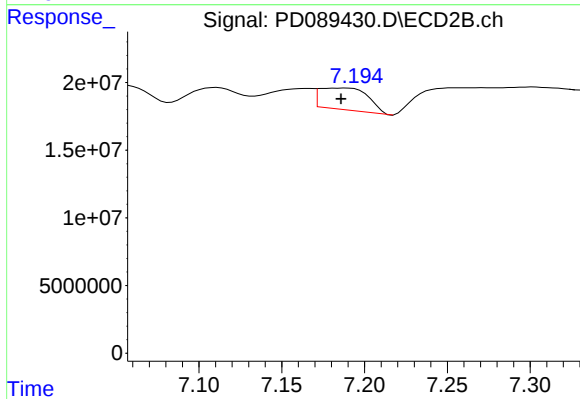
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.011 min
Response: 1708383
Conc: 0.08 ng/ml



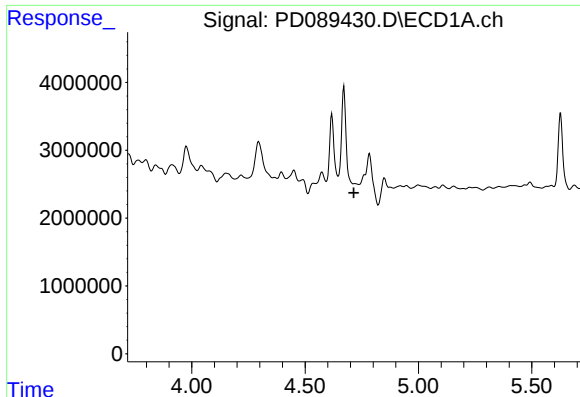
#22 Mirex

R.T.: 8.132 min
Delta R.T.: 0.019 min
Response: -209037
Conc: N.D.



#22 Mirex

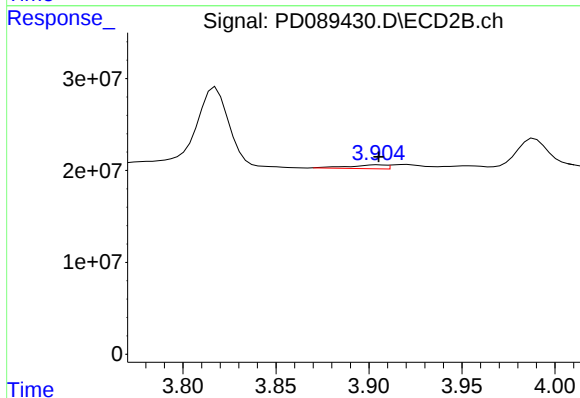
R.T.: 7.189 min
Delta R.T.: 0.003 min
Response: 32800019
Conc: 1.97 ng/ml



#23 Chlordane-1

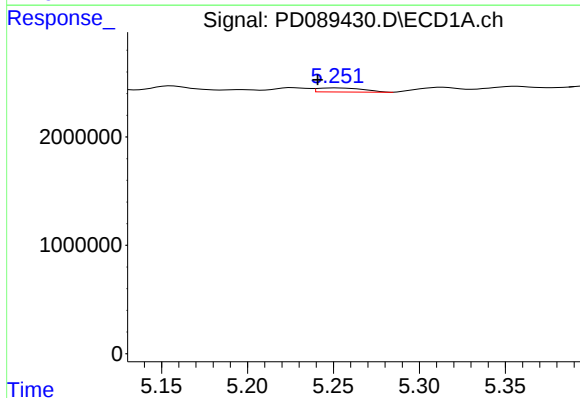
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE



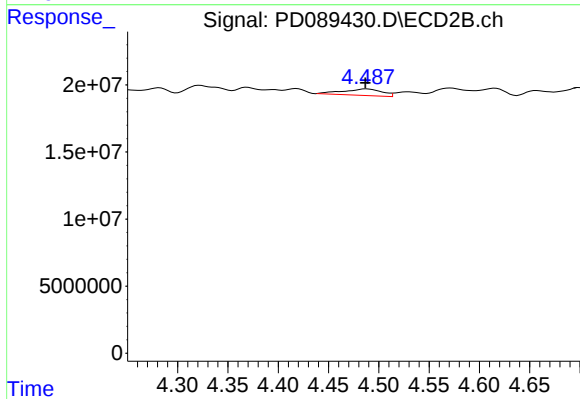
#23 Chlordane-1

R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 5902443
Conc: 6.33 ng/ml



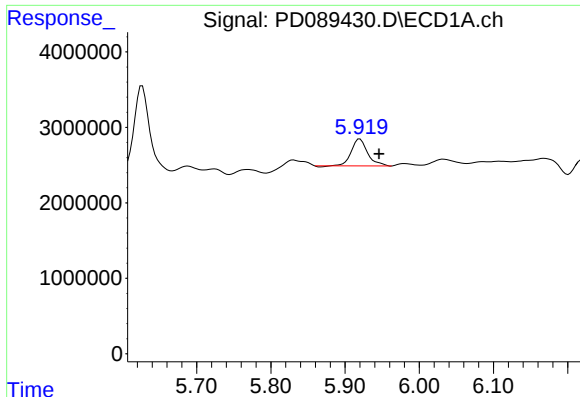
#24 Chlordane-2

R.T.: 5.252 min
Delta R.T.: 0.011 min
Response: 687804
Conc: 3.15 ng/ml



#24 Chlordane-2

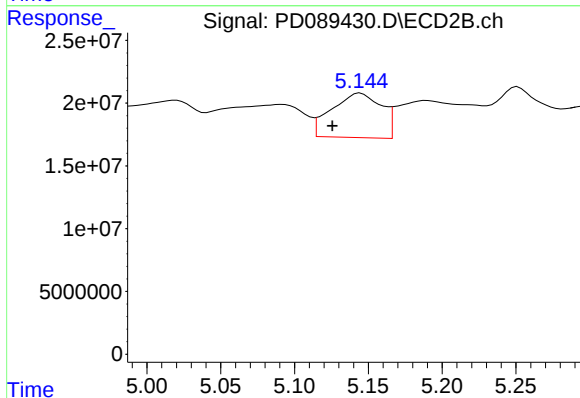
R.T.: 4.488 min
Delta R.T.: 0.001 min
Response: 13090062
Conc: 13.76 ng/ml



#25 Chlordane-3

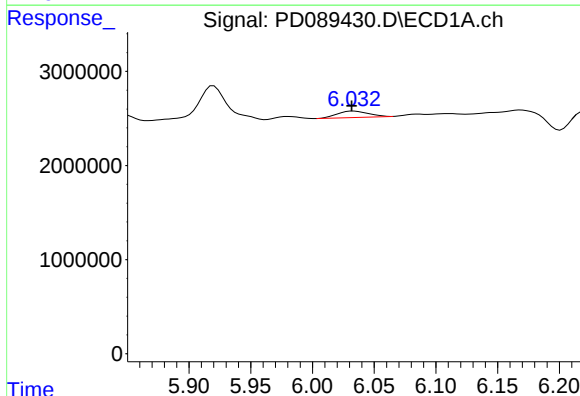
R.T.: 5.920 min
Delta R.T.: -0.026 min
Response: 5411525
Conc: 6.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE



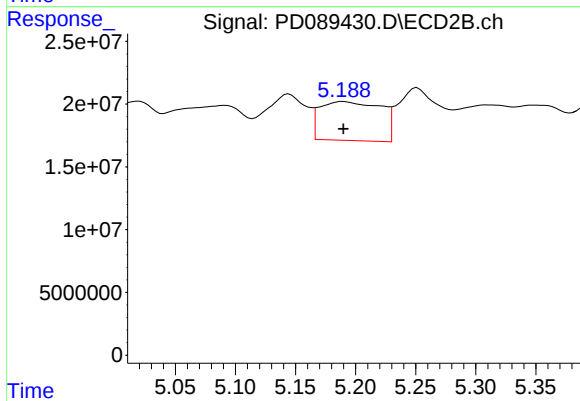
#25 Chlordane-3

R.T.: 5.145 min
Delta R.T.: 0.019 min
Response: 83125620
Conc: 27.99 ng/ml



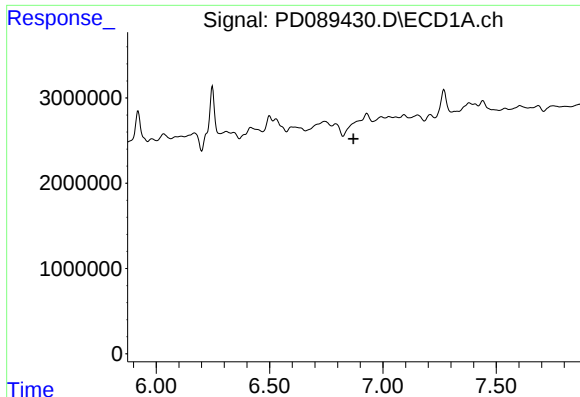
#26 Chlordane-4

R.T.: 6.033 min
Delta R.T.: 0.001 min
Response: 1196377
Conc: 1.14 ng/ml



#26 Chlordane-4

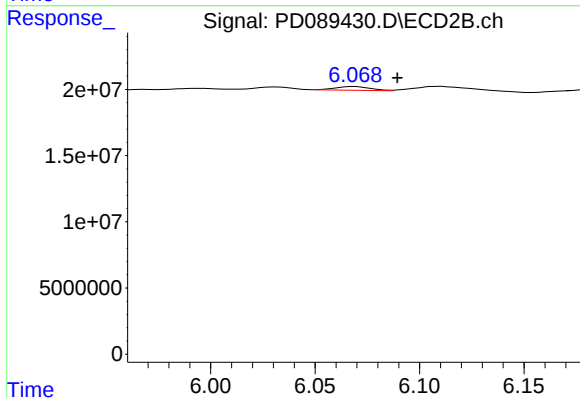
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 109784487
Conc: 43.80 ng/ml



#27 Chlordane-5

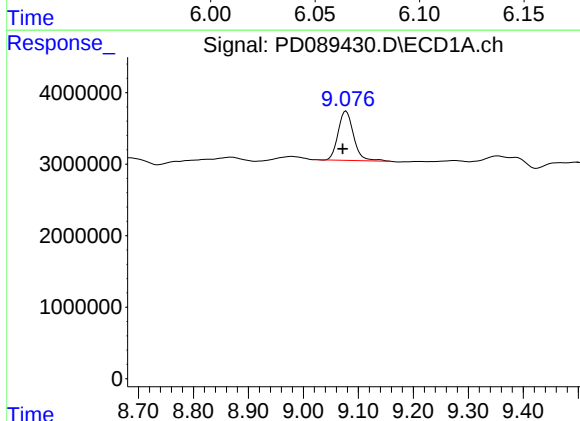
R.T.: 0.000 min
Exp R.T.: 6.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LAW-25-0102RE



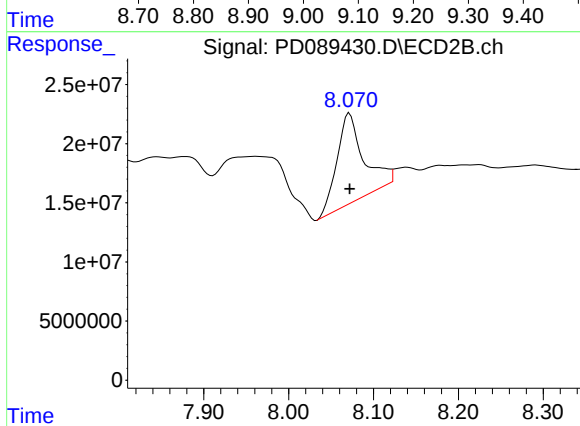
#27 Chlordane-5

R.T.: 6.069 min
Delta R.T.: -0.020 min
Response: 3370128
Conc: 2.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.006 min
Response: 13472679
Conc: 3.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 164315242
Conc: 8.31 ng/ml