

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072425\
 Data File : PD089612.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 18:57
 Operator : AR\AJ
 Sample : Q2639-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OU4-TS-38-071725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 02:13:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 22 04:39:29 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...	3.548	2.879	43936577	596.2E6	15.249	30.473 #
28)	SA Decachlor...	9.070	8.067	32259841	235.3E6	7.855	9.579
Target Compounds							
2)	A alpha-BHC	4.013f	3.383	886806	58382302	0.155	1.943 #
3)	MA gamma-BHC...	4.299f	3.732	25838038	13619907	4.683	0.491 #
4)	MA Heptachlor	4.945f	4.069	5826944	3781433	1.068	0.135 #
5)	MB Aldrin	5.251f	4.370	4103922	9298957	0.784	0.340 #
6)	B beta-BHC	4.488f	0.000	1782160	0	0.827	N.D. #
7)	B delta-BHC	4.776	4.253	7761973	3856024	1.469	0.138 #
8)	B Heptachlo...	5.681	4.869	2817730	13798892	0.597	0.555
9)	A Endosulfan I	6.095f	5.264f	13770220	150.3E6	3.097	6.329 #
10)	B gamma-Chl...	5.941	5.121	3382364	75116357	0.713	2.808 #
11)	B alpha-Chl...	6.026	5.187	9546625	134.2E6	2.003	5.203 #
12)	B 4,4'-DDE	6.195	5.373	1531827	36239625	0.357	1.380 #
13)	MA Dieldrin	6.348	5.508	-1060104	141.8E6	N.D.	5.365
14)	MA Endrin	6.572	5.791	7729913	234.9E6	1.898	9.715 #
15)	B Endosulfa...	6.776	6.077	2210605	70346825	0.543	3.063 #
16)	A 4,4'-DDD	6.699	5.926	22219340	54242735	6.557	2.474 #
17)	MA 4,4'-DDT	7.018	6.179	55713529	334.3E6	14.767	14.281
18)	B Endrin al...	6.918	6.239f	5758402	76609530	1.975	4.616 #
19)	B Endosulfa...	7.147	6.497f	4426732	2047946	1.173	0.092 #
20)	A Methoxychlor	0.000	6.732f	0	23064573	N.D.	1.892 #
21)	B Endrin ke...	0.000	6.963f	0	22143413	N.D.	0.904 #
22)	Mirex	8.104	7.162f	3516567	1280032	1.143	0.066 #
23)	Chlordane-1	4.711	3.901	-2312033	59986262	N.D.	64.594
24)	Chlordane-2	5.251	4.481	4103922	3531713	20.409	3.603 #
25)	Chlordane-3	5.941	5.121	3382364	75116357	4.341	26.019 #
26)	Chlordane-4	6.026	5.187	9546625	134.2E6	10.057	55.636 #
27)	Chlordane-5	6.862	6.077	5164698	70346825	31.316	60.205 #

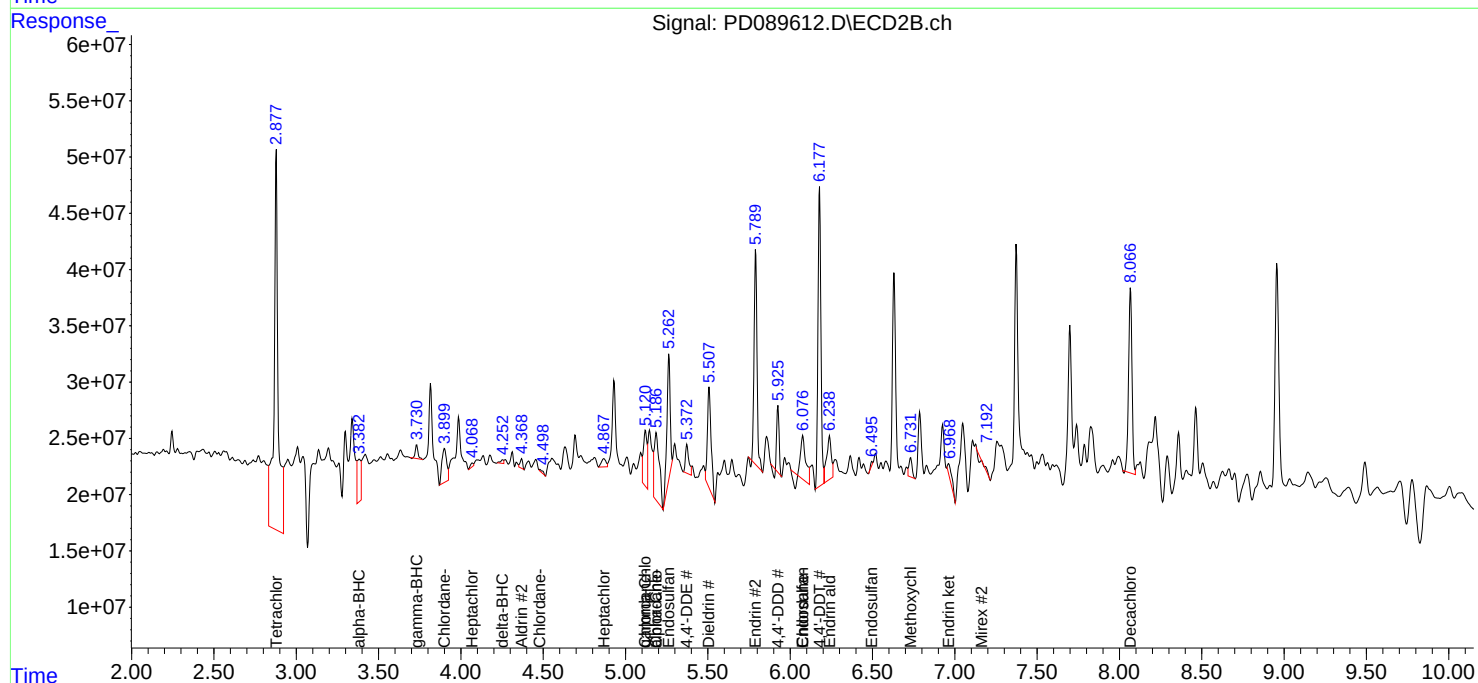
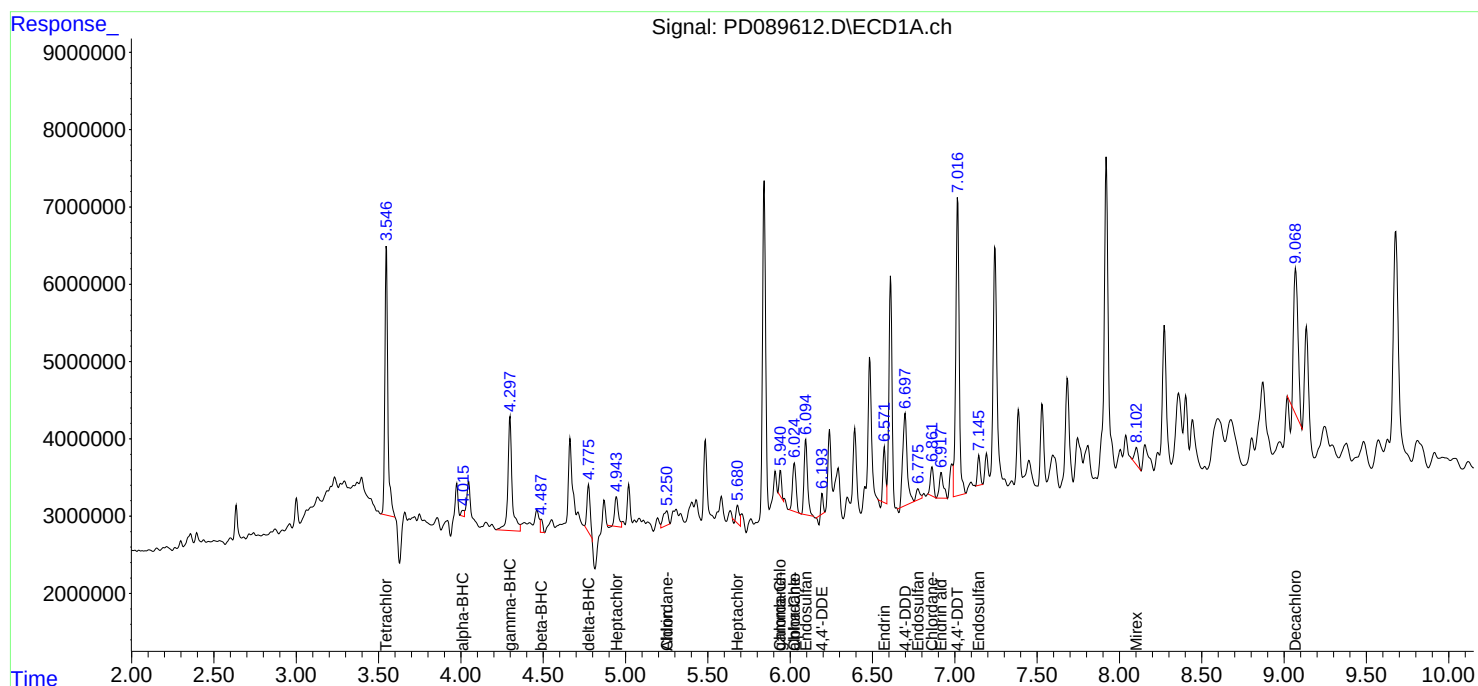
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

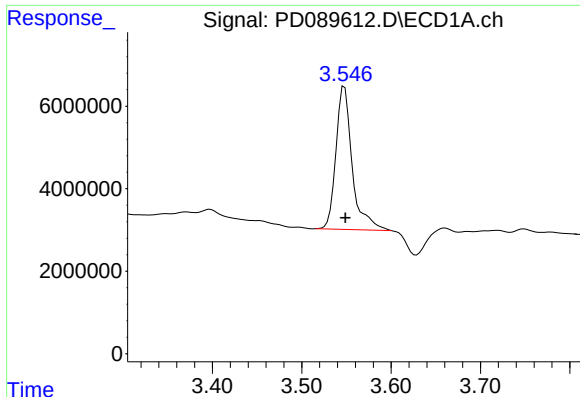
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072425\
Data File : PD089612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 18:57
Operator : AR\AJ
Sample : Q2639-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 02:13:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 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

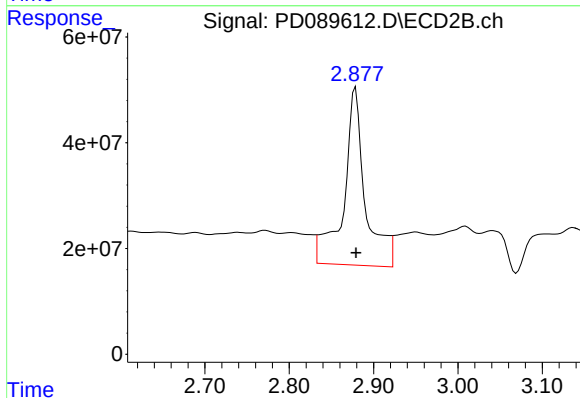




#1 Tetrachloro-m-xylene

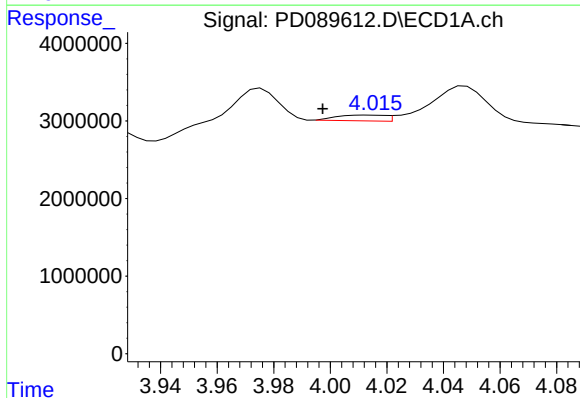
R.T.: 3.548 min
Delta R.T.: -0.001 min
Response: 43936577
Conc: 15.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725



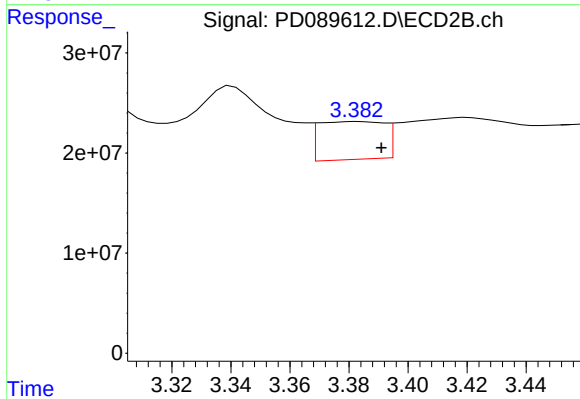
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: 0.000 min
Response: 596237528
Conc: 30.47 ng/ml



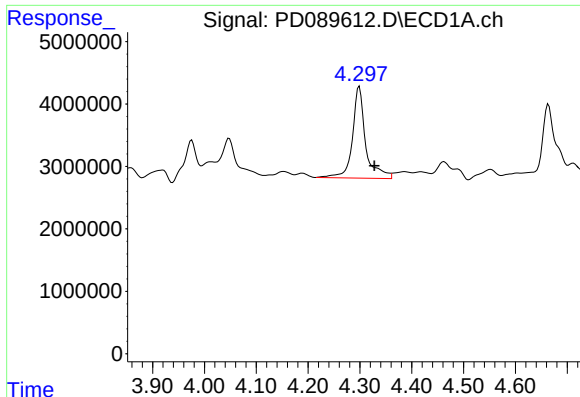
#2 alpha-BHC

R.T.: 4.013 min
Delta R.T.: 0.016 min
Response: 886806
Conc: 0.16 ng/ml



#2 alpha-BHC

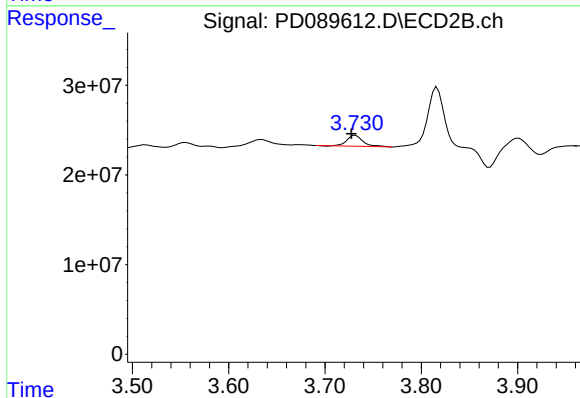
R.T.: 3.383 min
Delta R.T.: -0.008 min
Response: 58382302
Conc: 1.94 ng/ml



#3 gamma-BHC (Lindane)

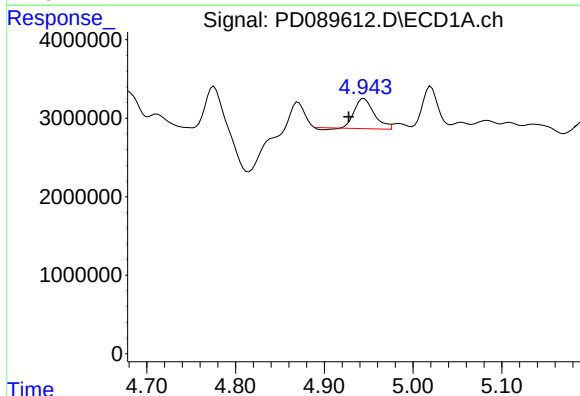
R.T.: 4.299 min
Delta R.T.: -0.029 min
Response: 25838038
Conc: 4.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725



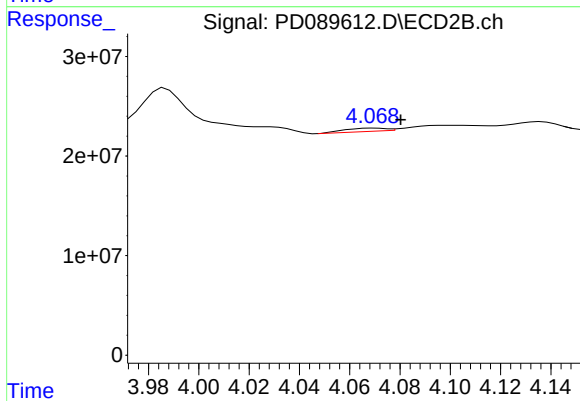
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.004 min
Response: 13619907
Conc: 0.49 ng/ml



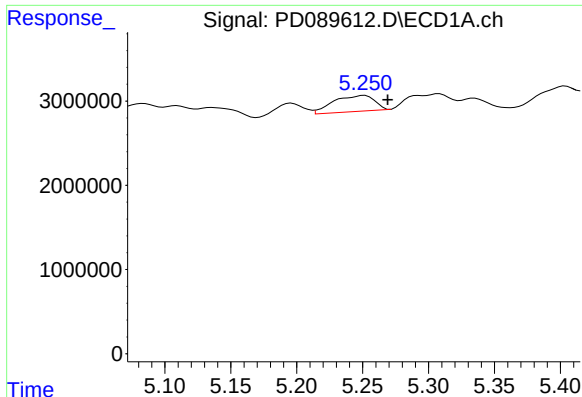
#4 Heptachlor

R.T.: 4.945 min
Delta R.T.: 0.017 min
Response: 5826944
Conc: 1.07 ng/ml



#4 Heptachlor

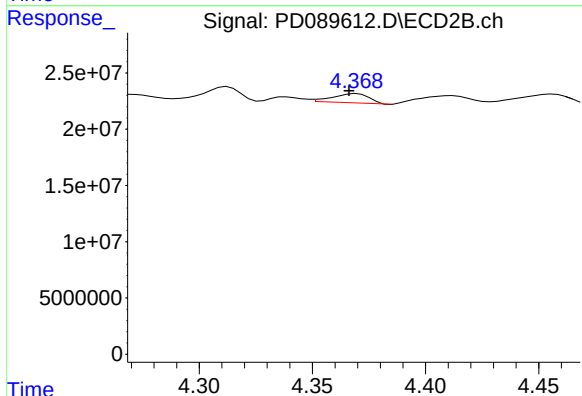
R.T.: 4.069 min
Delta R.T.: -0.011 min
Response: 3781433
Conc: 0.13 ng/ml



#5 Aldrin

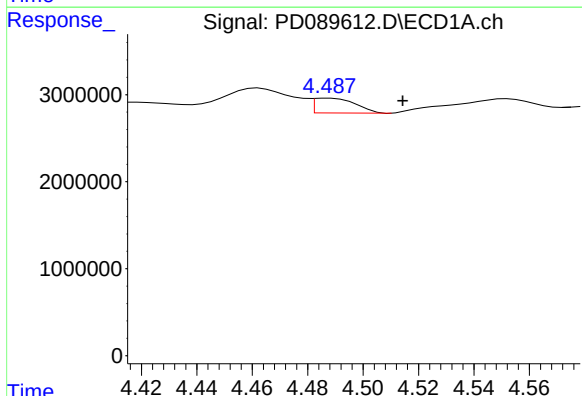
R.T.: 5.251 min
Delta R.T.: -0.018 min
Response: 4103922
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725



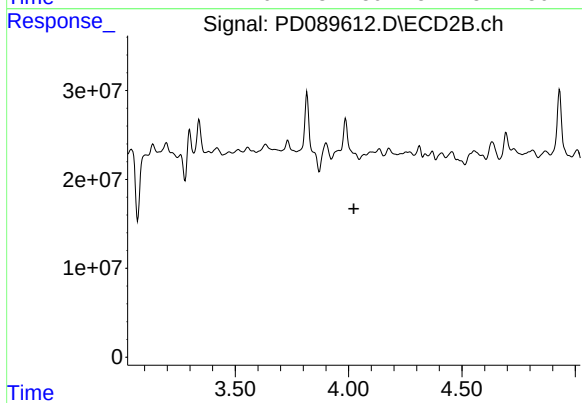
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: 0.003 min
Response: 9298957
Conc: 0.34 ng/ml



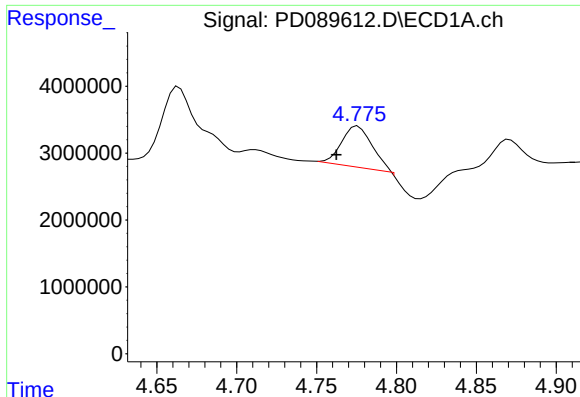
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.026 min
Response: 1782160
Conc: 0.83 ng/ml



#6 beta-BHC

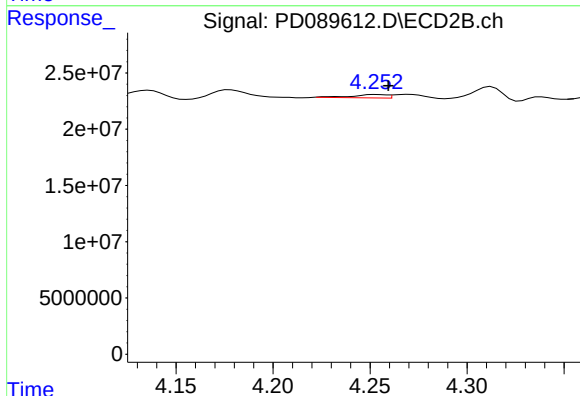
R.T.: 0.000 min
Exp R.T.: 4.023 min
Response: 0
Conc: N.D.



#7 delta-BHC

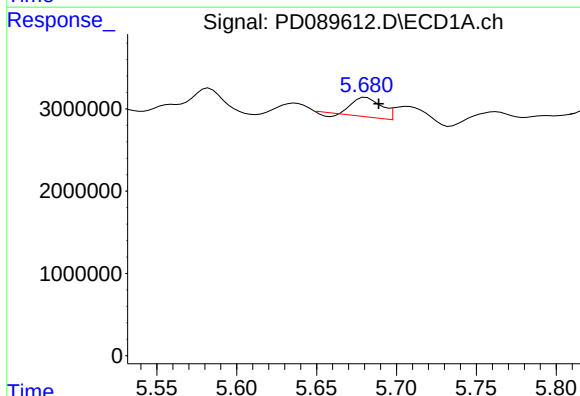
R.T.: 4.776 min
Delta R.T.: 0.013 min
Response: 7761973
Conc: 1.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725



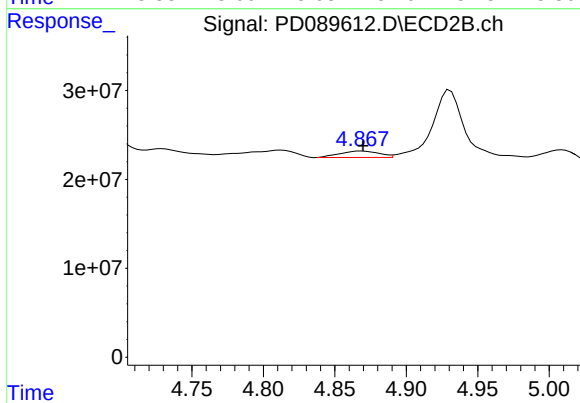
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.006 min
Response: 3856024
Conc: 0.14 ng/ml



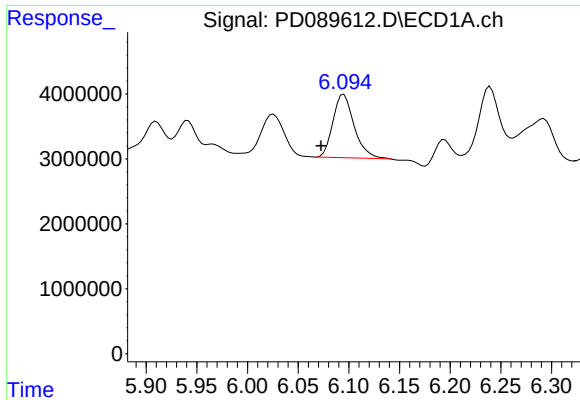
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.008 min
Response: 2817730
Conc: 0.60 ng/ml



#8 Heptachlor epoxide

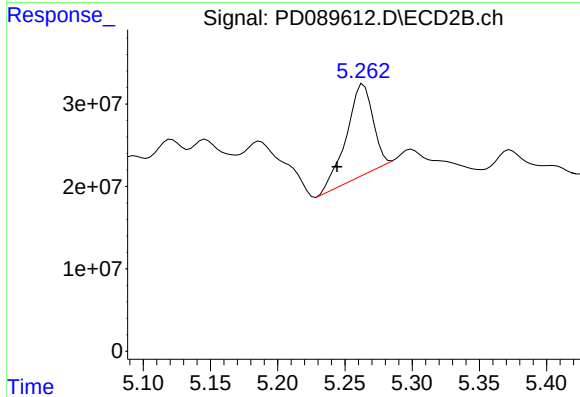
R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 13798892
Conc: 0.56 ng/ml



#9 Endosulfan I

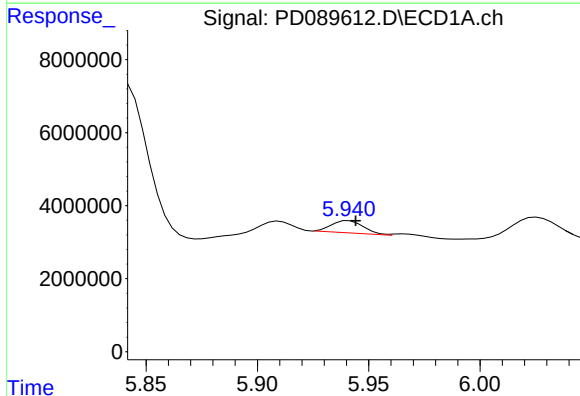
R.T.: 6.095 min
Delta R.T.: 0.022 min
Response: 13770220
Conc: 3.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725



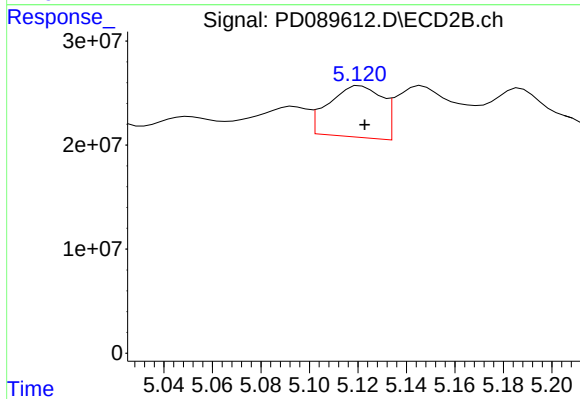
#9 Endosulfan I

R.T.: 5.264 min
Delta R.T.: 0.020 min
Response: 150294214
Conc: 6.33 ng/ml



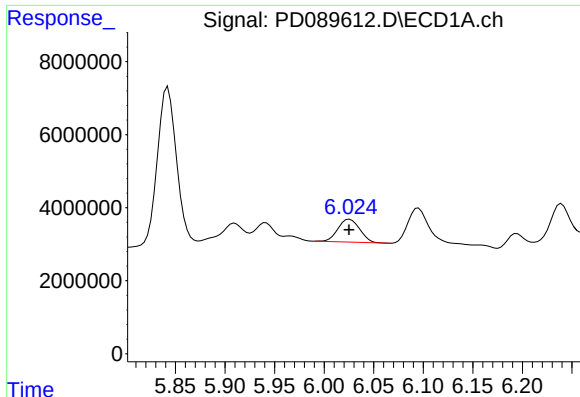
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 3382364
Conc: 0.71 ng/ml



#10 gamma-Chlordane

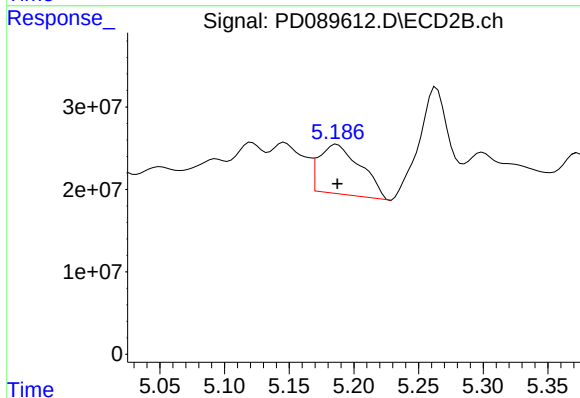
R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 75116357
Conc: 2.81 ng/ml



#11 alpha-Chlordane

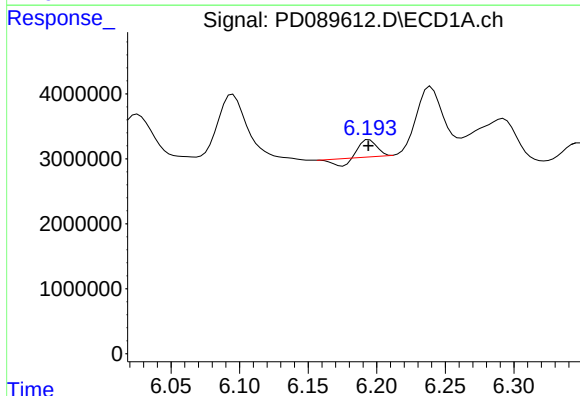
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 9546625
Conc: 2.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725



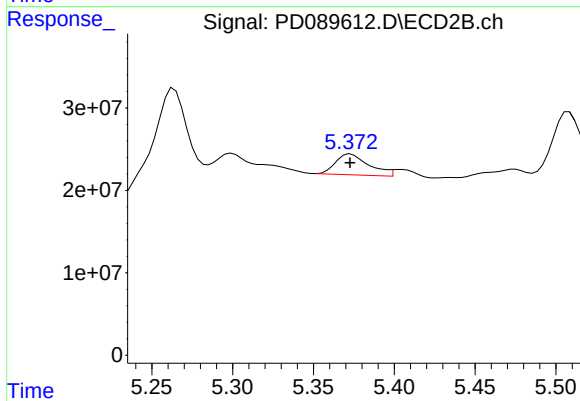
#11 alpha-Chlordane

R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 134204911
Conc: 5.20 ng/ml



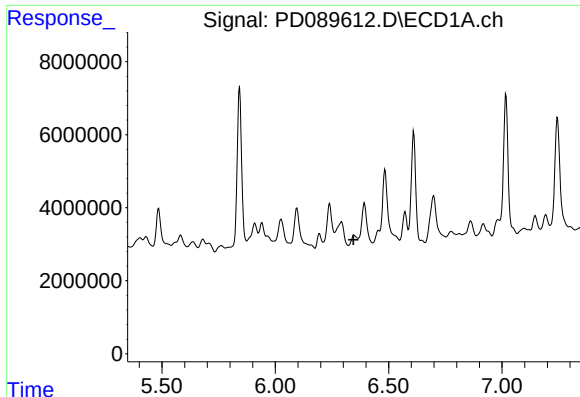
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 1531827
Conc: 0.36 ng/ml



#12 4,4'-DDE

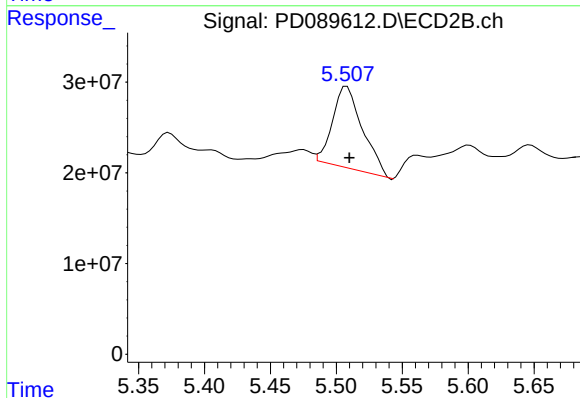
R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 36239625
Conc: 1.38 ng/ml



#13 Dieldrin

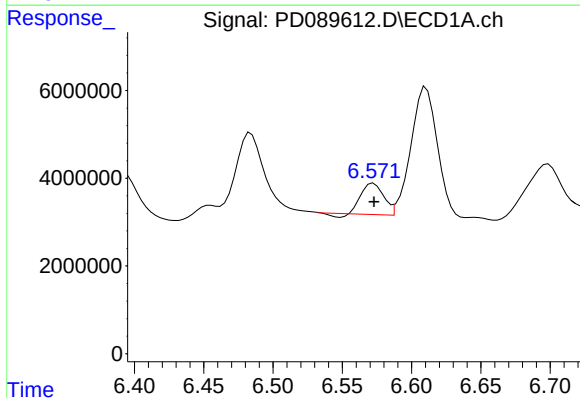
R.T.: 6.348 min
Delta R.T.: 0.003 min
Response: -1060104
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725



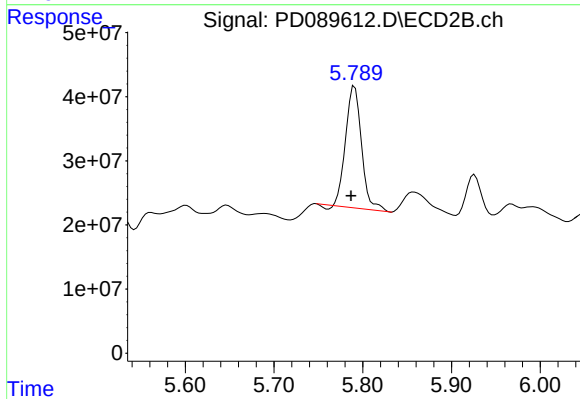
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: -0.002 min
Response: 141791933
Conc: 5.37 ng/ml



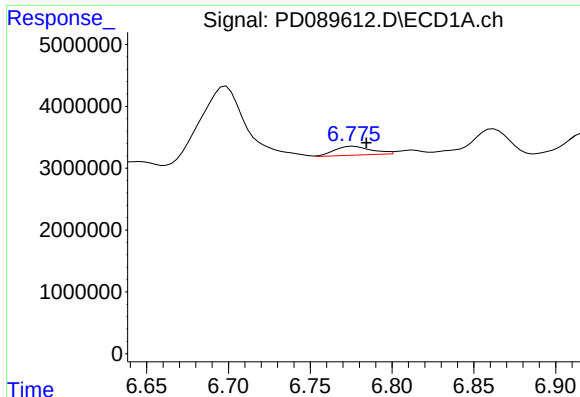
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 7729913
Conc: 1.90 ng/ml



#14 Endrin

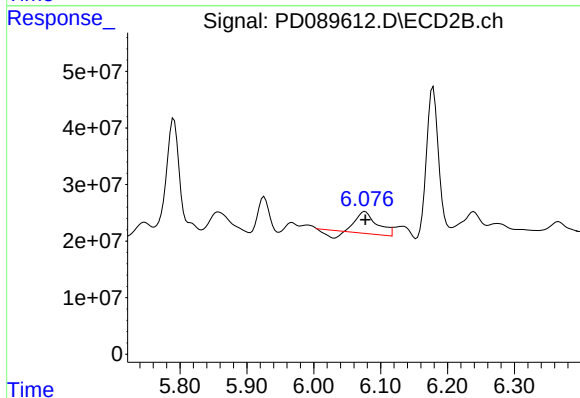
R.T.: 5.791 min
Delta R.T.: 0.004 min
Response: 234934885
Conc: 9.72 ng/ml



#15 Endosulfan II

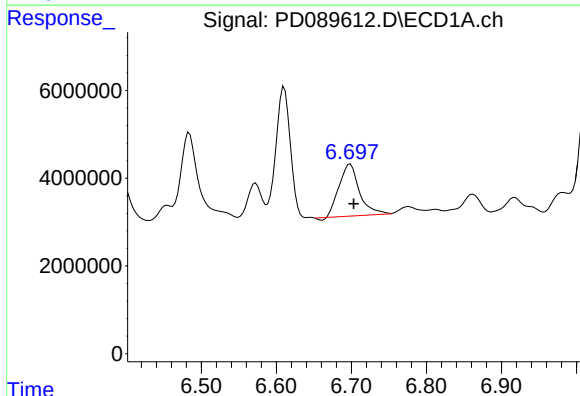
R.T.: 6.776 min
Delta R.T.: -0.008 min
Response: 2210605
Conc: 0.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725



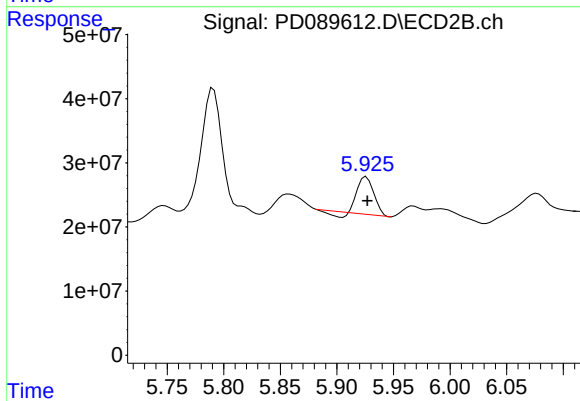
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 70346825
Conc: 3.06 ng/ml



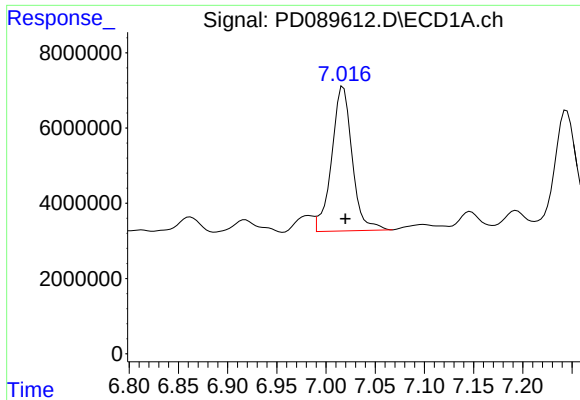
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.005 min
Response: 22219340
Conc: 6.56 ng/ml



#16 4,4'-DDD

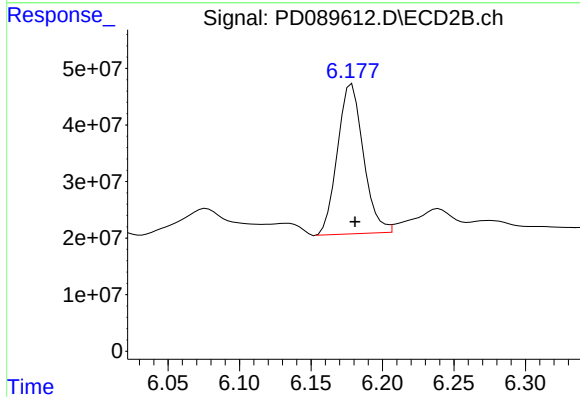
R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 54242735
Conc: 2.47 ng/ml



#17 4,4'-DDT

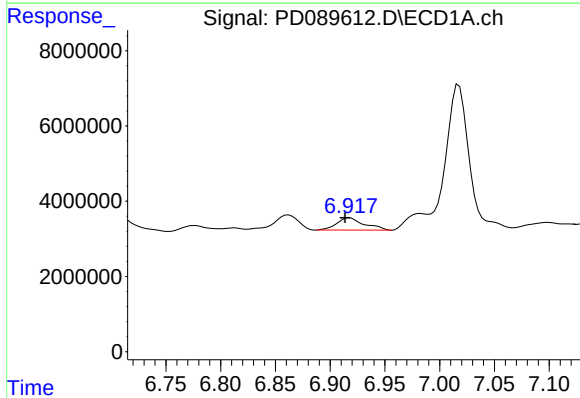
R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 55713529
Conc: 14.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725



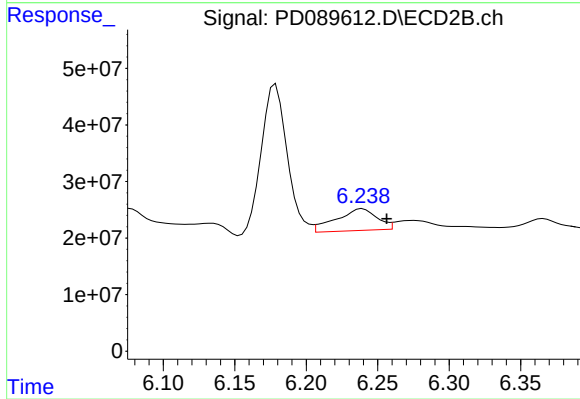
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 334284823
Conc: 14.28 ng/ml



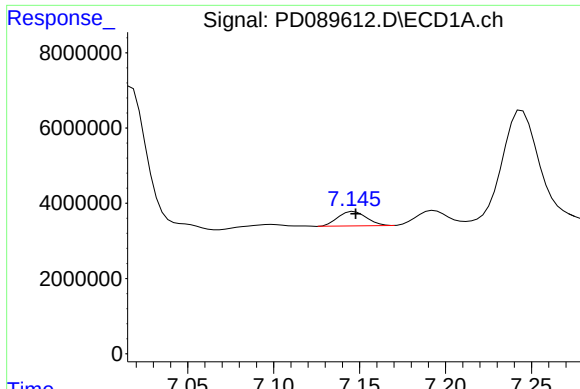
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.004 min
Response: 5758402
Conc: 1.98 ng/ml



#18 Endrin aldehyde

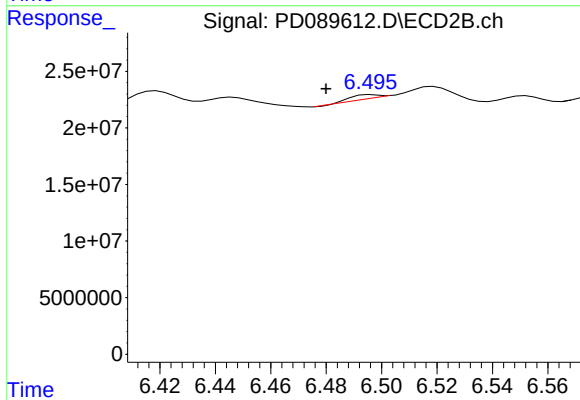
R.T.: 6.239 min
Delta R.T.: -0.017 min
Response: 76609530
Conc: 4.62 ng/ml



#19 Endosulfan Sulfate

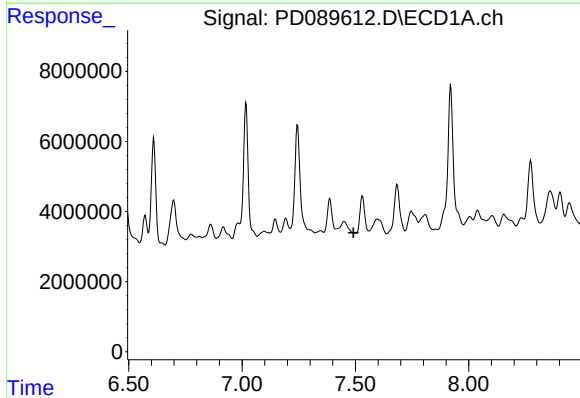
R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 4426732
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725



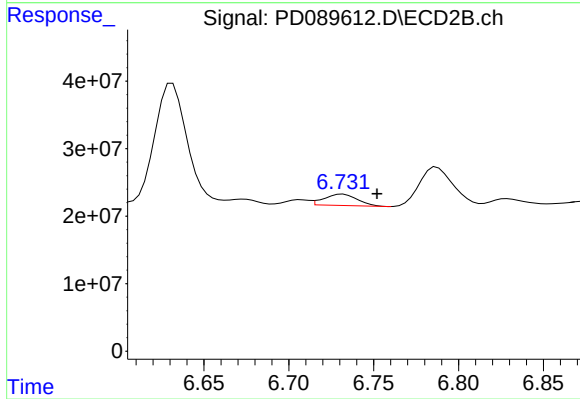
#19 Endosulfan Sulfate

R.T.: 6.497 min
Delta R.T.: 0.017 min
Response: 2047946
Conc: 0.09 ng/ml



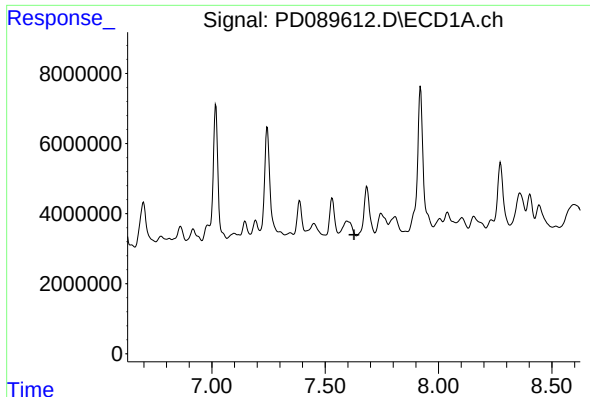
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.492 min
Response: 0
Conc: N.D.



#20 Methoxychlor

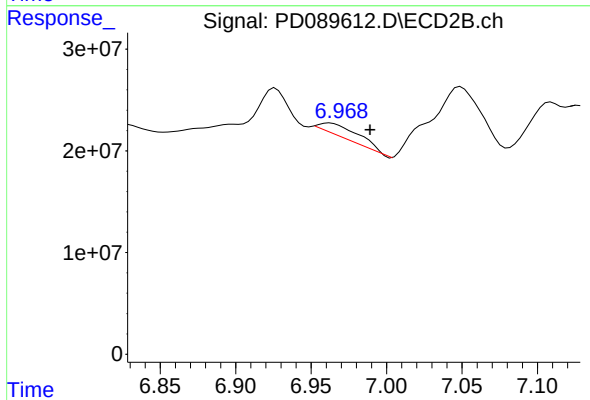
R.T.: 6.732 min
Delta R.T.: -0.020 min
Response: 23064573
Conc: 1.89 ng/ml



#21 Endrin ketone

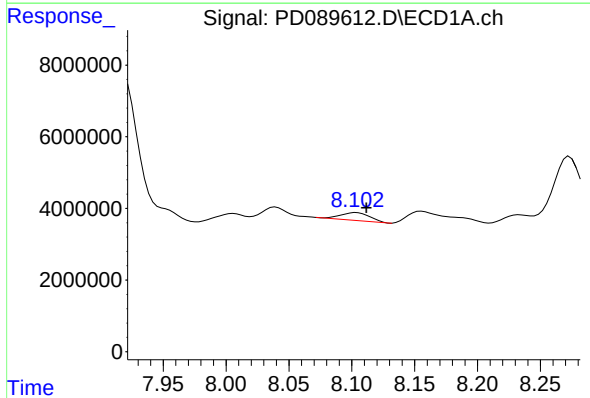
R.T.: 0.000 min
Exp R.T.: 7.628 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725



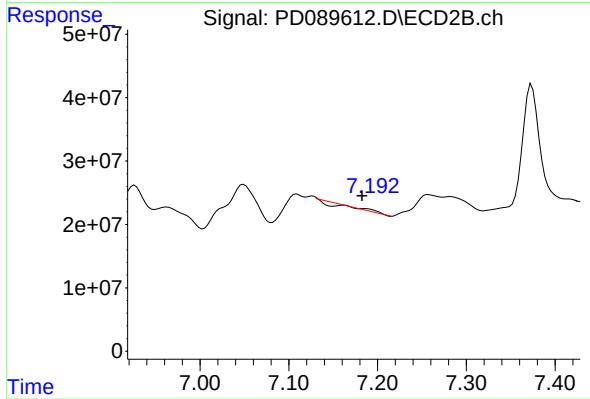
#21 Endrin ketone

R.T.: 6.963 min
Delta R.T.: -0.026 min
Response: 22143413
Conc: 0.90 ng/ml



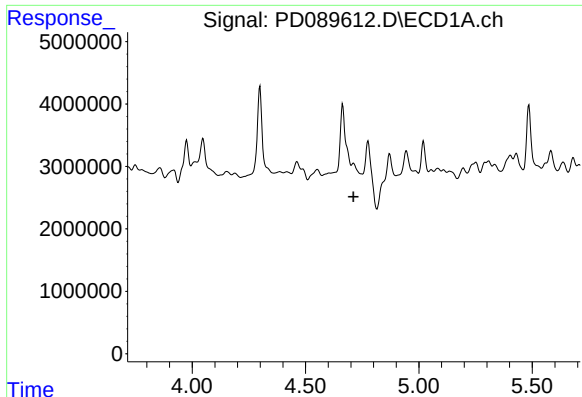
#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.008 min
Response: 3516567
Conc: 1.14 ng/ml



#22 Mirex

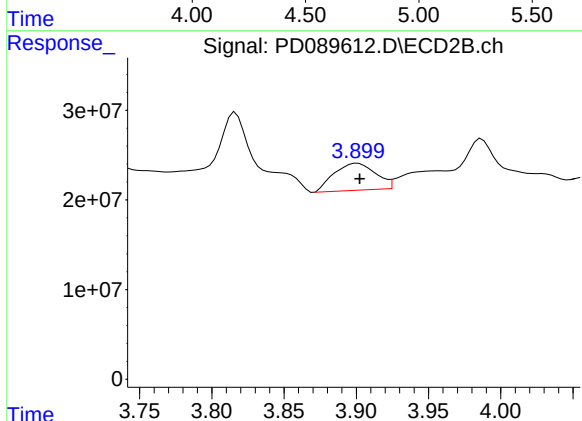
R.T.: 7.162 min
Delta R.T.: -0.020 min
Response: 1280032
Conc: 0.07 ng/ml



#23 Chlordane-1

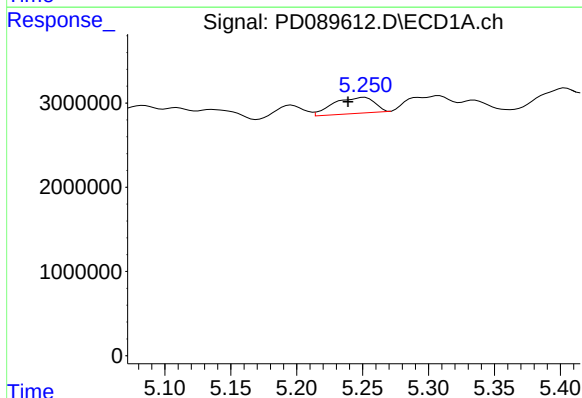
R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: -2312033
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725



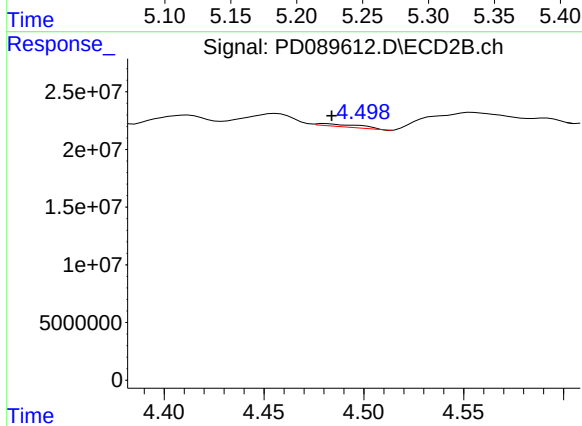
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: -0.002 min
Response: 59986262
Conc: 64.59 ng/ml



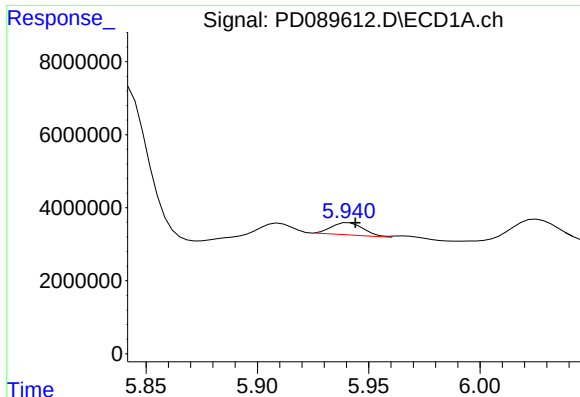
#24 Chlordane-2

R.T.: 5.251 min
Delta R.T.: 0.013 min
Response: 4103922
Conc: 20.41 ng/ml



#24 Chlordane-2

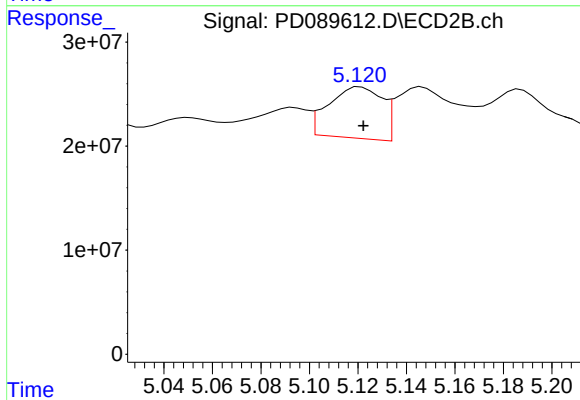
R.T.: 4.481 min
Delta R.T.: -0.003 min
Response: 3531713
Conc: 3.60 ng/ml



#25 Chlordane-3

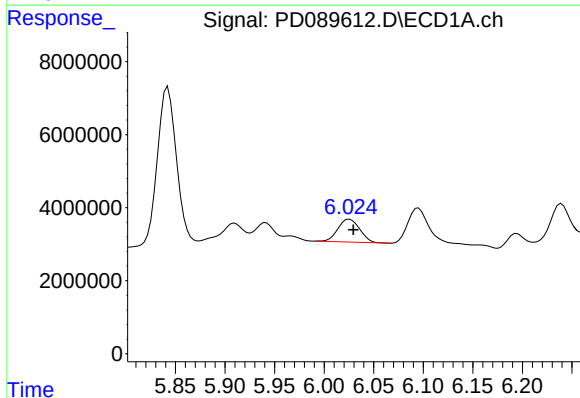
R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 3382364
Conc: 4.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725



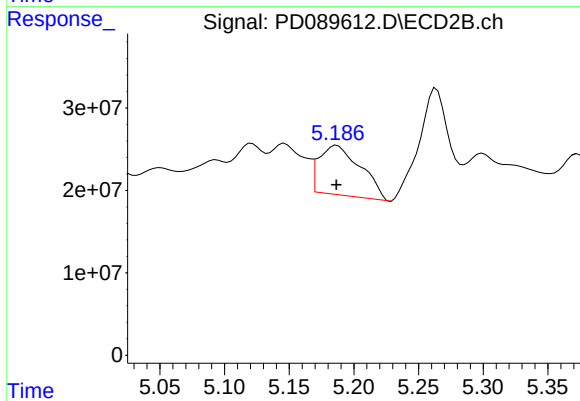
#25 Chlordane-3

R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 75116357
Conc: 26.02 ng/ml



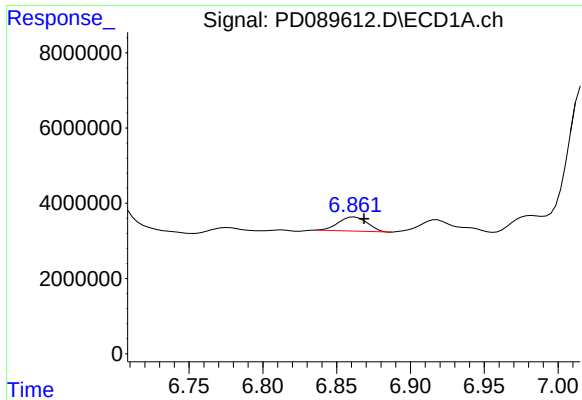
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 9546625
Conc: 10.06 ng/ml



#26 Chlordane-4

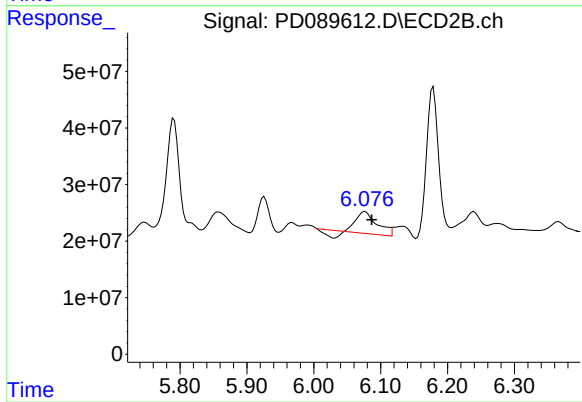
R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 134204911
Conc: 55.64 ng/ml



#27 Chlordane-5

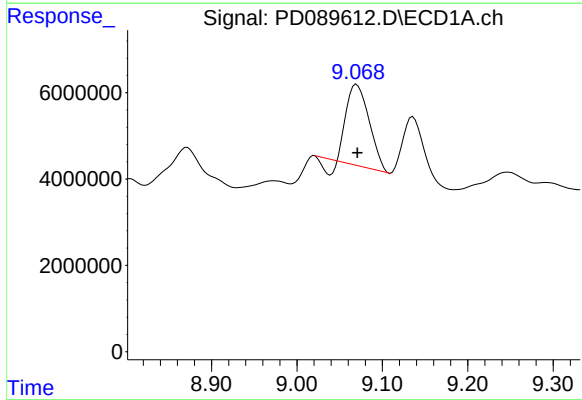
R.T.: 6.862 min
Delta R.T.: -0.006 min
Response: 5164698
Conc: 31.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-38-071725



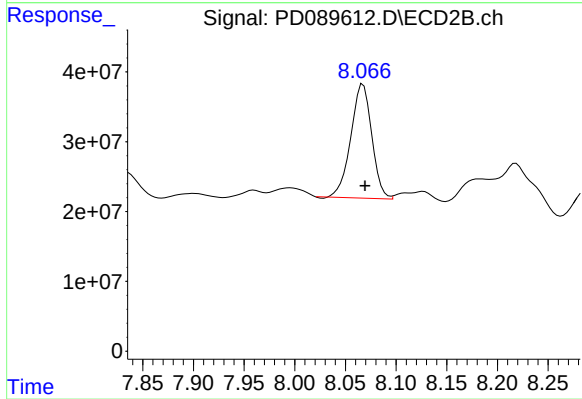
#27 Chlordane-5

R.T.: 6.077 min
Delta R.T.: -0.010 min
Response: 70346825
Conc: 60.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 32259841
Conc: 7.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 235332115
Conc: 9.58 ng/ml