

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052225\
 Data File : PD088689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2025 13:36
 Operator : AR\AJ
 Sample : Q2068-03RE 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LAW-25-0074RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 14:24:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.545	2.895	-1222912	40246241	N.D.	2.661
Target Compounds							
2)	A alpha-BHC	4.024f	3.395	62041553	17917996	12.989	0.750 #
3)	MA gamma-BHC...	4.331	3.706f	111.3E6	184.2E6	24.175	8.311 #
4)	MA Heptachlor	4.941	4.074	3371483	103.9E6	0.754	4.625 #
5)	MB Aldrin	5.260	4.359	15731158	54373024	3.580	2.479 #
6)	B beta-BHC	0.000	4.025	0	10869224	N.D.	1.116 #
7)	B delta-BHC	4.772	4.255	3557534	114.1E6	0.842	5.119 #
8)	B Heptachlo...	5.694	4.892f	-6345375	51466685	N.D.	2.590
9)	A Endosulfan I	6.083	5.251	98936781	191.7E6	26.293	10.102 #
10)	B gamma-Chl...	5.931f	5.134	209.6E6	331.3E6	52.553	15.530 #
11)	B alpha-Chl...	6.034	5.193	126.4E6	159.2E6	31.541	7.719 #
12)	B 4,4'-DDE	6.213f	5.388	71736286	119.0E6	19.986	5.693 #
13)	MA Dieldrin	6.351	5.525	97713088	253.9E6	24.357	12.067 #
14)	MA Endrin	6.570	5.778	1242005	211.4E6	0.364	10.960 #
15)	B Endosulfa...	6.773f	6.068f	141.2E6	714.1E6	40.995	38.974
16)	A 4,4'-DDD	6.737f	5.949f	6734242	308.5E6	2.418	17.737 #
17)	MA 4,4'-DDT	7.028	6.168f	79881008	345.4E6	25.586	19.045 #
18)	B Endrin al...	6.922	6.263	212.0E6	302.5E6	82.326	21.715 #
19)	B Endosulfa...	7.142	6.464f	-4133253	343.7E6	N.D.	19.357
20)	A Methoxychlor	7.462f	6.750	11616183	23921215	6.953	2.498 #
21)	B Endrin ke...	7.642	6.991	58853464	33661043	17.193	1.740 #
22)	Mirex	8.146f	7.185	21872526	238.0E6	8.418	15.657 #
23)	Chlordane-1	4.712	3.912	146.3E6	23205976	811.613	28.083 #
24)	Chlordane-2	5.260	4.483	15731158	97533125	85.726	115.560 #
25)	Chlordane-3	5.967	5.134	98449431	331.3E6	133.057	125.634
26)	Chlordane-4	6.034	5.193	126.4E6	159.2E6	141.001	71.952 #
27)	Chlordane-5	6.883	6.068f	-37318416	714.1E6	N.D.	713.457

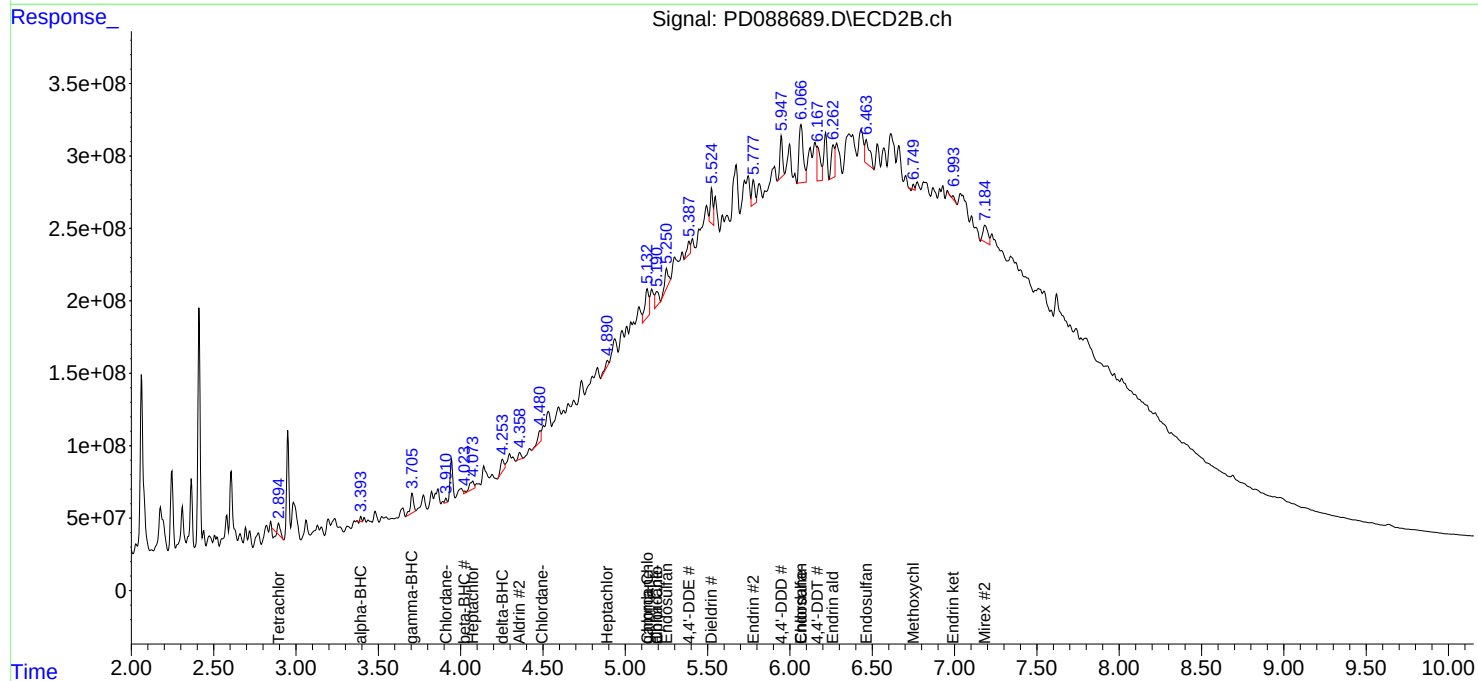
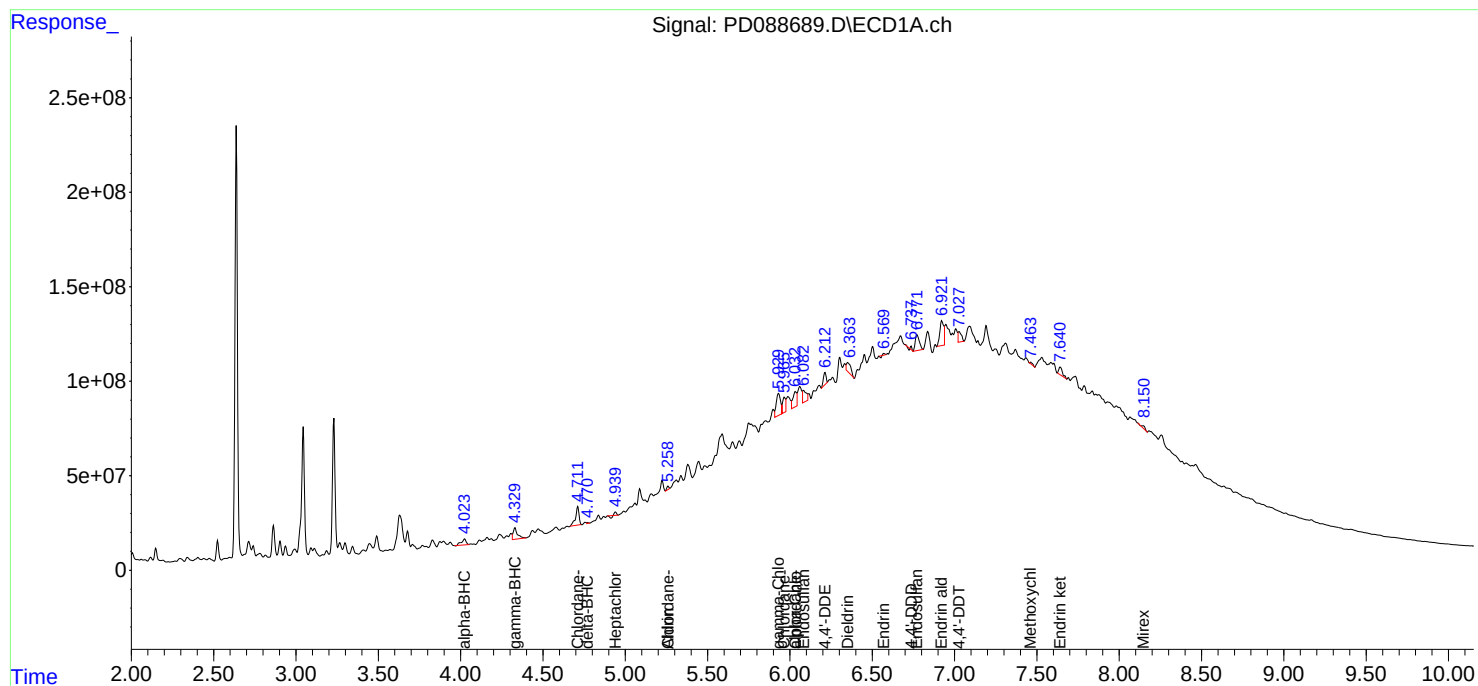
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

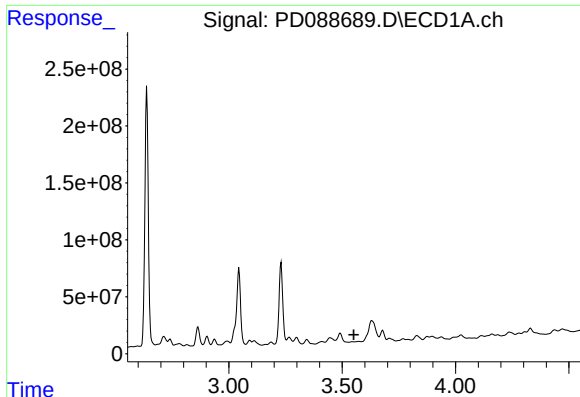
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052225\
Data File : PD088689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 May 2025 13:36
Operator : AR\AJ
Sample : Q2068-03RE 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 14:24:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

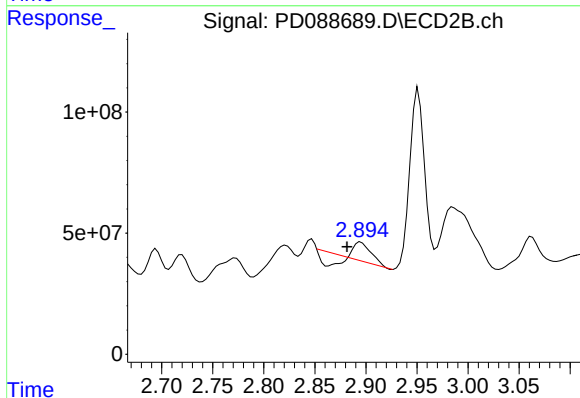




#1 Tetrachloro-m-xylene

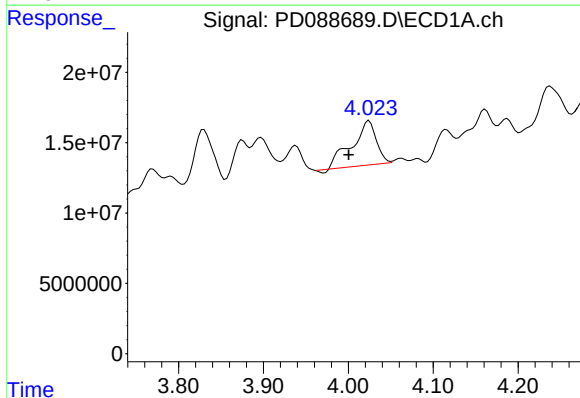
R.T.: 3.545 min
Delta R.T.: -0.006 min
Response: -1222912
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE



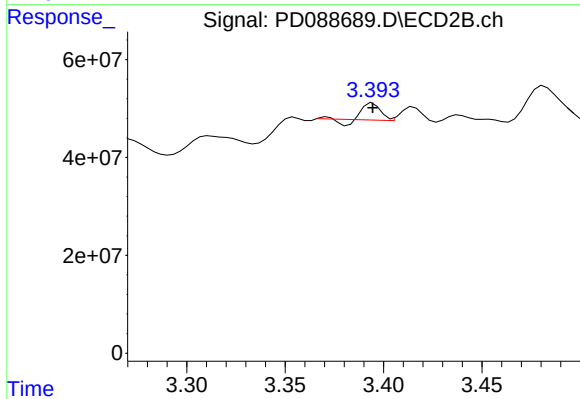
#1 Tetrachloro-m-xylene

R.T.: 2.895 min
Delta R.T.: 0.013 min
Response: 40246241
Conc: 2.66 ng/ml



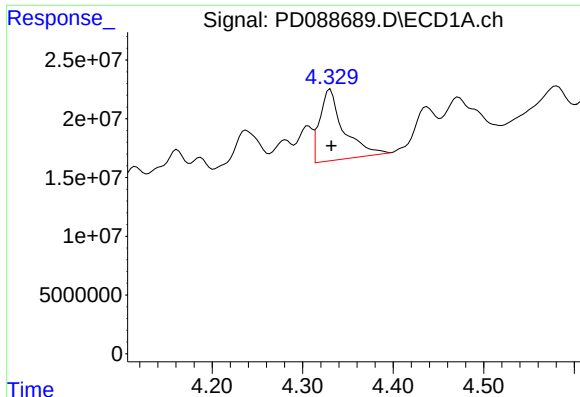
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.024 min
Response: 62041553
Conc: 12.99 ng/ml



#2 alpha-BHC

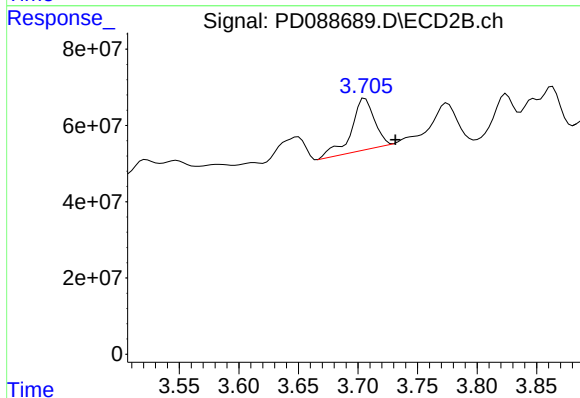
R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 17917996
Conc: 0.75 ng/ml



#3 gamma-BHC (Lindane)

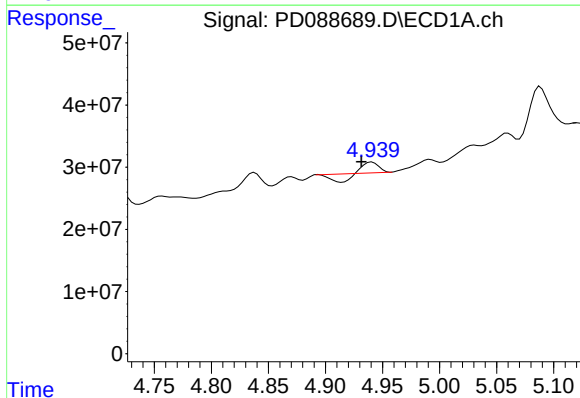
R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 111268895
Conc: 24.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE



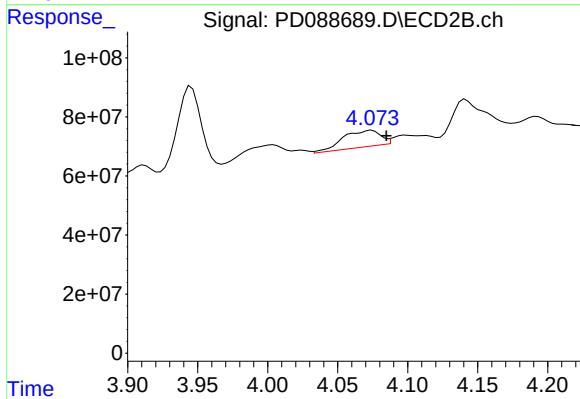
#3 gamma-BHC (Lindane)

R.T.: 3.706 min
Delta R.T.: -0.025 min
Response: 184214147
Conc: 8.31 ng/ml



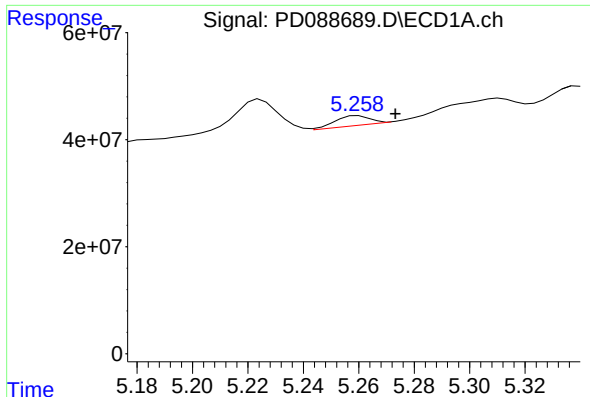
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.009 min
Response: 3371483
Conc: 0.75 ng/ml



#4 Heptachlor

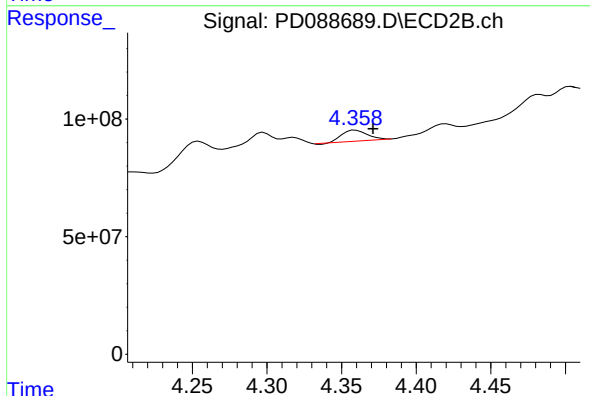
R.T.: 4.074 min
Delta R.T.: -0.011 min
Response: 103857033
Conc: 4.63 ng/ml



#5 Aldrin

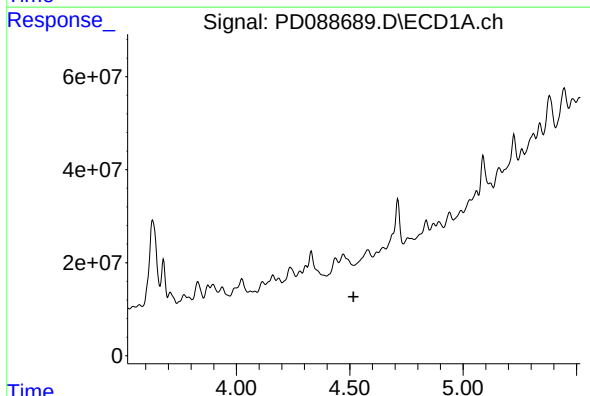
R.T.: 5.260 min
Delta R.T.: -0.013 min
Response: 15731158
Conc: 3.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE



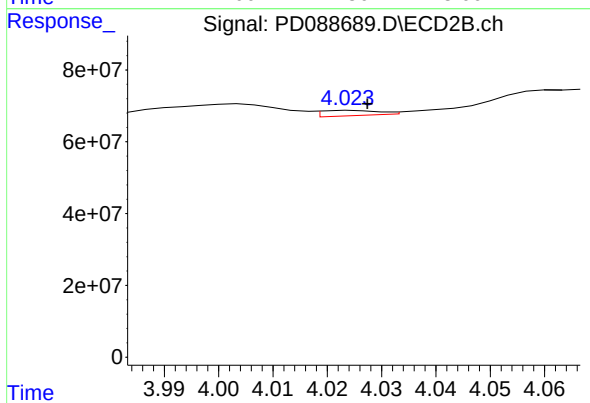
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.012 min
Response: 54373024
Conc: 2.48 ng/ml



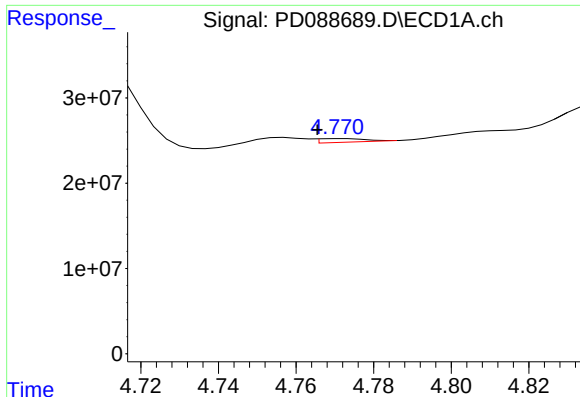
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.517 min
Response: 0
Conc: N.D.



#6 beta-BHC

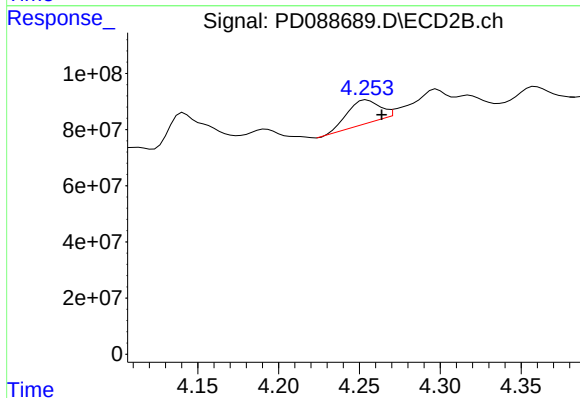
R.T.: 4.025 min
Delta R.T.: -0.003 min
Response: 10869224
Conc: 1.12 ng/ml



#7 delta-BHC

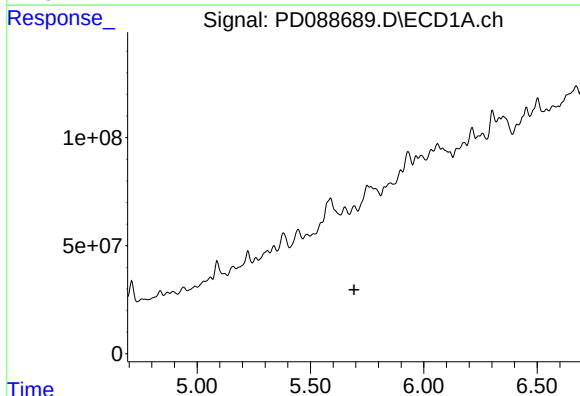
R.T.: 4.772 min
Delta R.T.: 0.006 min
Response: 3557534
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE



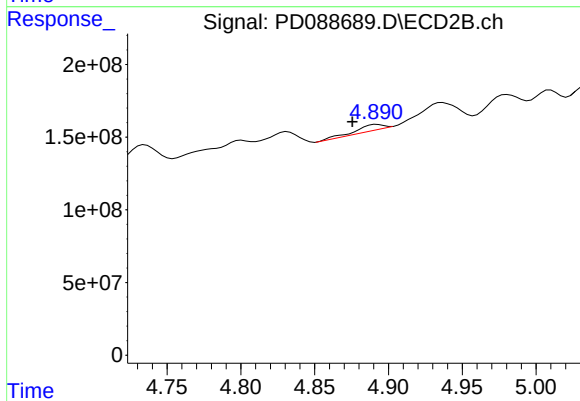
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: -0.009 min
Response: 114130816
Conc: 5.12 ng/ml



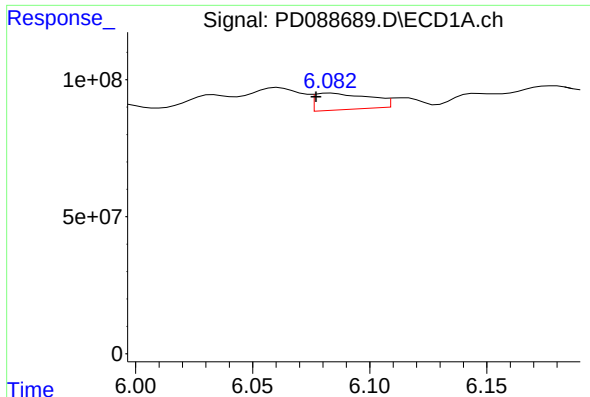
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.001 min
Response: -6345375
Conc: N.D.



#8 Heptachlor epoxide

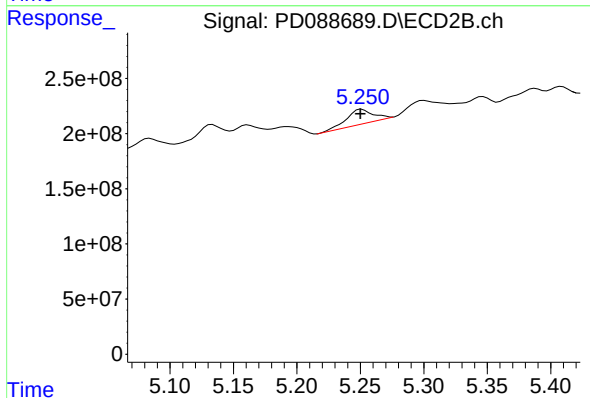
R.T.: 4.892 min
Delta R.T.: 0.017 min
Response: 51466685
Conc: 2.59 ng/ml



#9 Endosulfan I

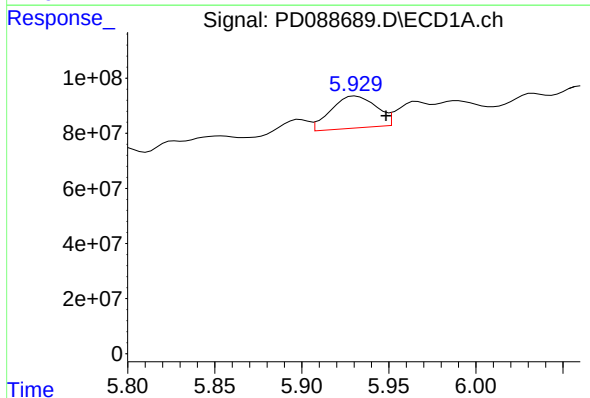
R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 98936781
Conc: 26.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE



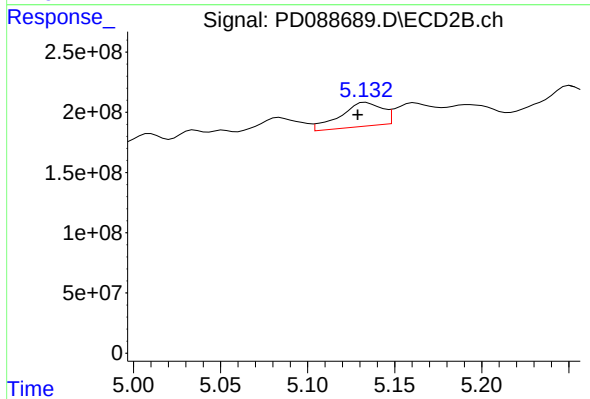
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: 0.001 min
Response: 191725025
Conc: 10.10 ng/ml



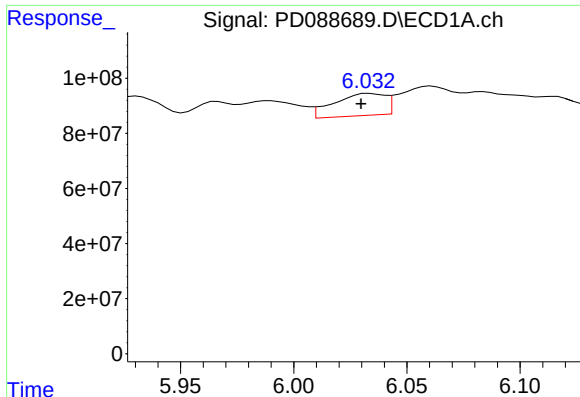
#10 gamma-Chlordane

R.T.: 5.931 min
Delta R.T.: -0.018 min
Response: 209629800
Conc: 52.55 ng/ml



#10 gamma-Chlordane

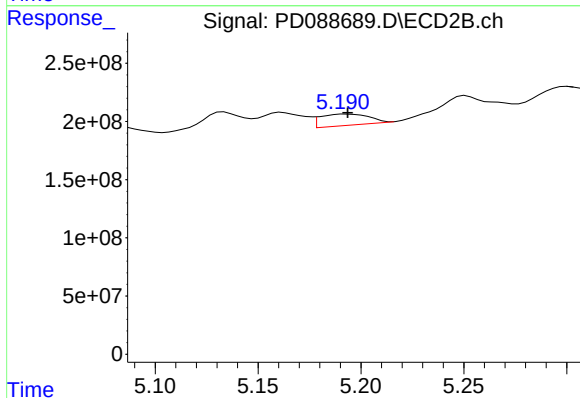
R.T.: 5.134 min
Delta R.T.: 0.005 min
Response: 331276365
Conc: 15.53 ng/ml



#11 alpha-Chlordane

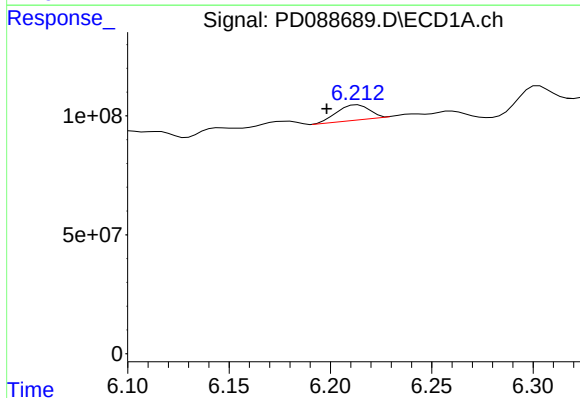
R.T.: 6.034 min
Delta R.T.: 0.004 min
Response: 126362921
Conc: 31.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE



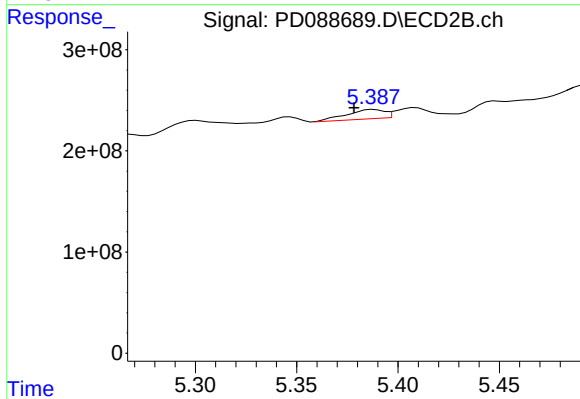
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 159193147
Conc: 7.72 ng/ml



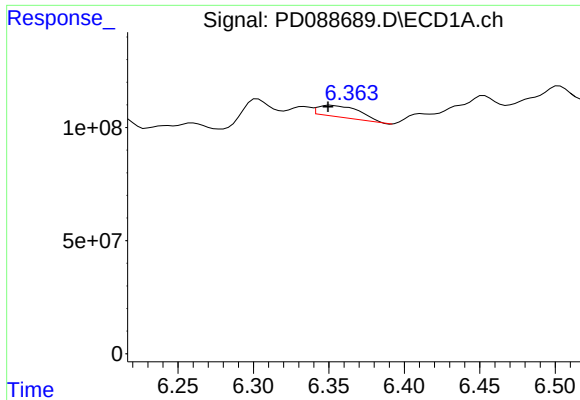
#12 4,4'-DDE

R.T.: 6.213 min
Delta R.T.: 0.015 min
Response: 71736286
Conc: 19.99 ng/ml



#12 4,4'-DDE

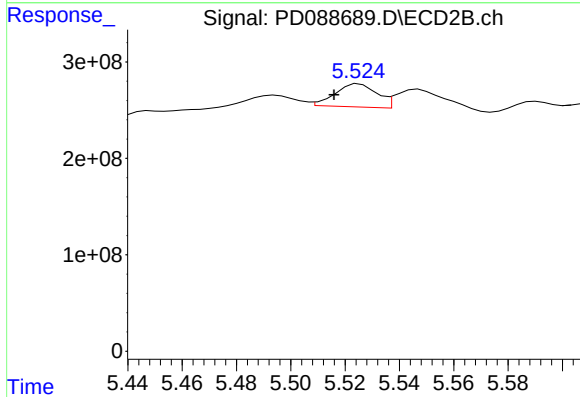
R.T.: 5.388 min
Delta R.T.: 0.010 min
Response: 118991043
Conc: 5.69 ng/ml



#13 Dieldrin

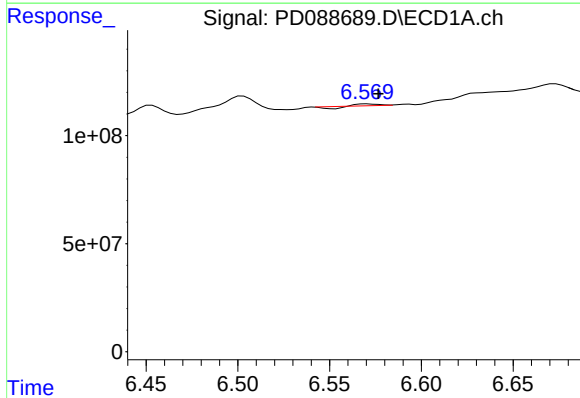
R.T.: 6.351 min
Delta R.T.: 0.002 min
Response: 97713088
Conc: 24.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE



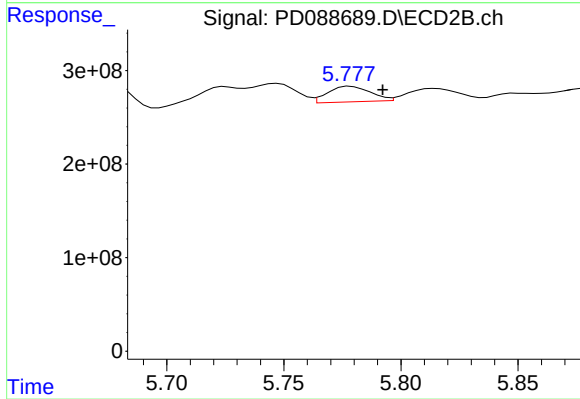
#13 Dieldrin

R.T.: 5.525 min
Delta R.T.: 0.009 min
Response: 253943796
Conc: 12.07 ng/ml



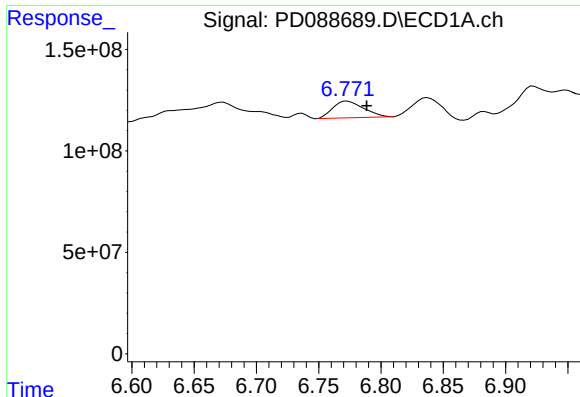
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.006 min
Response: 1242005
Conc: 0.36 ng/ml



#14 Endrin

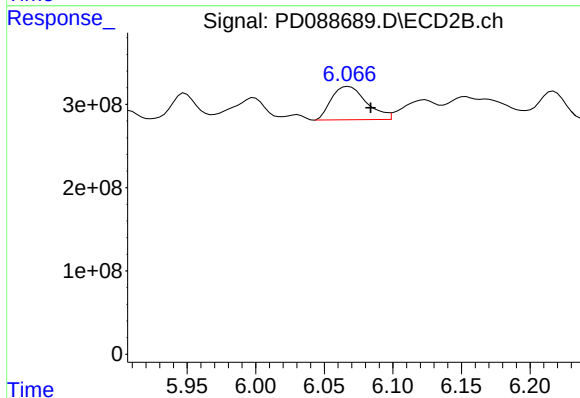
R.T.: 5.778 min
Delta R.T.: -0.014 min
Response: 211359393
Conc: 10.96 ng/ml



#15 Endosulfan II

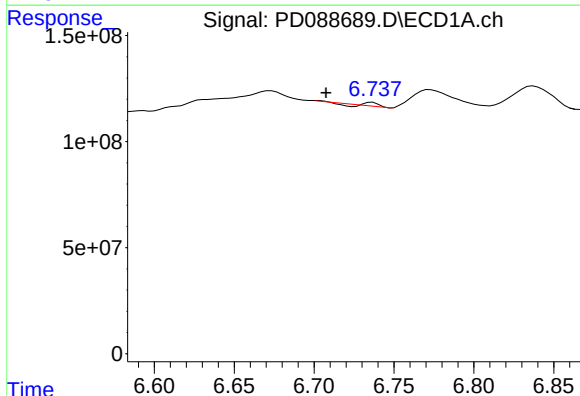
R.T.: 6.773 min
Delta R.T.: -0.016 min
Response: 141170070
Conc: 41.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE



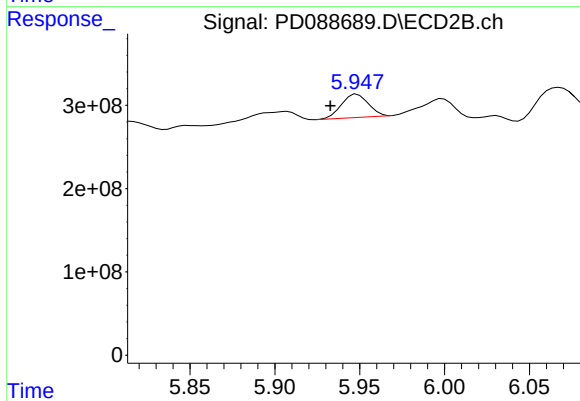
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.016 min
Response: 714065754
Conc: 38.97 ng/ml



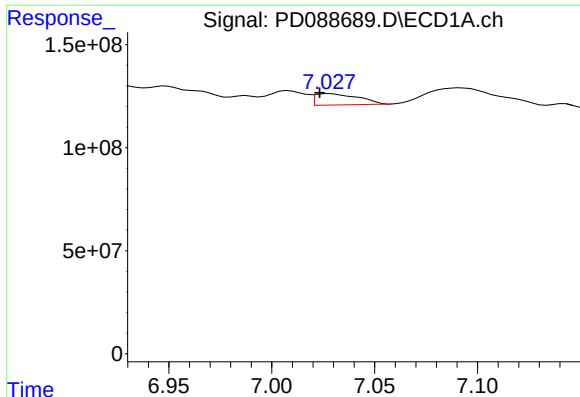
#16 4,4'-DDD

R.T.: 6.737 min
Delta R.T.: 0.029 min
Response: 6734242
Conc: 2.42 ng/ml



#16 4,4'-DDD

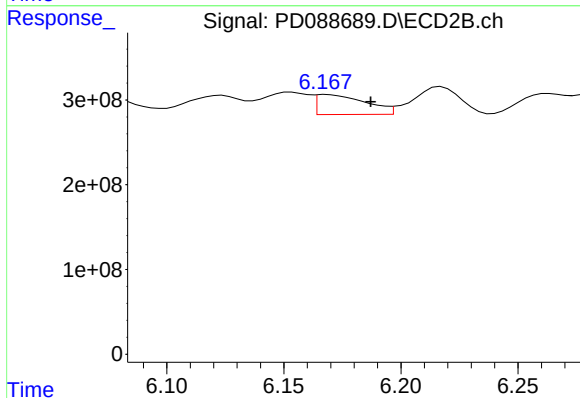
R.T.: 5.949 min
Delta R.T.: 0.016 min
Response: 308485288
Conc: 17.74 ng/ml



#17 4,4'-DDT

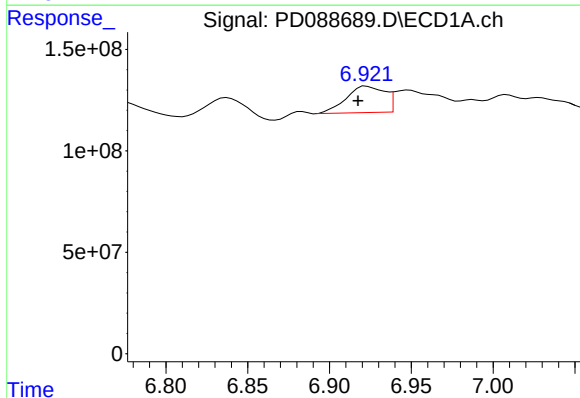
R.T.: 7.028 min
Delta R.T.: 0.005 min
Response: 79881008
Conc: 25.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE



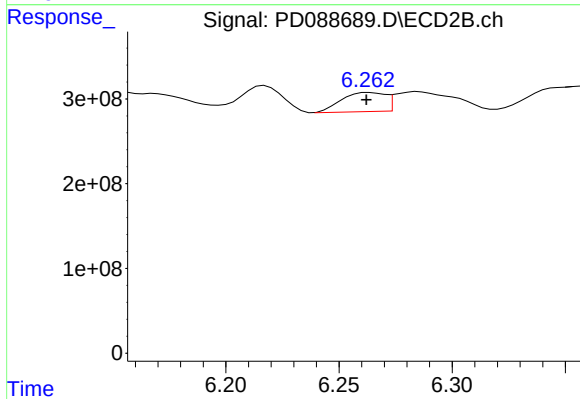
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.019 min
Response: 345427259
Conc: 19.05 ng/ml



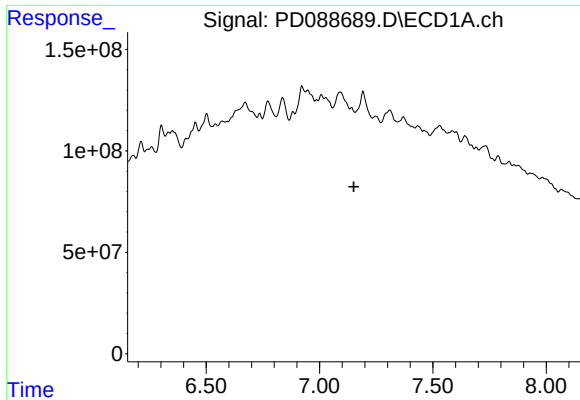
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.005 min
Response: 211956250
Conc: 82.33 ng/ml



#18 Endrin aldehyde

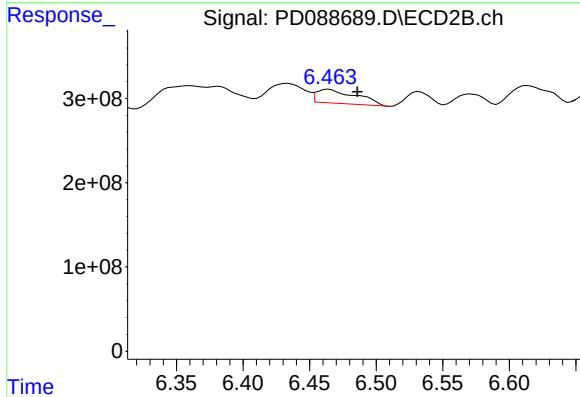
R.T.: 6.263 min
Delta R.T.: 0.001 min
Response: 302465377
Conc: 21.72 ng/ml



#19 Endosulfan Sulfate

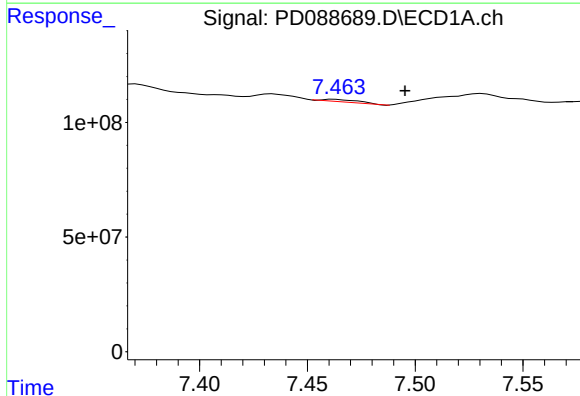
R.T.: 7.142 min
Delta R.T.: -0.009 min
Response: -4133253
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE



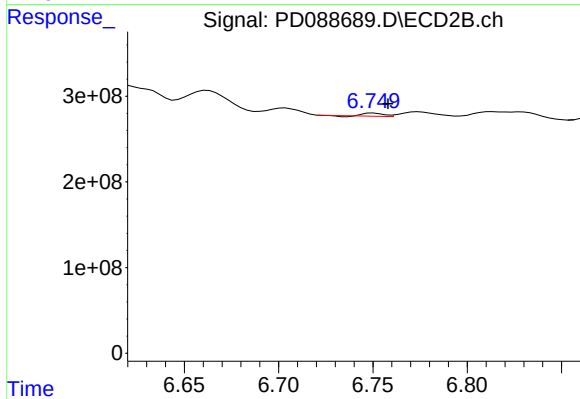
#19 Endosulfan Sulfate

R.T.: 6.464 min
Delta R.T.: -0.021 min
Response: 343708862
Conc: 19.36 ng/ml



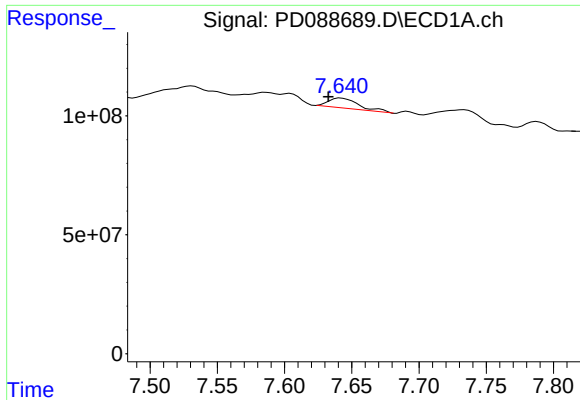
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: -0.033 min
Response: 11616183
Conc: 6.95 ng/ml



#20 Methoxychlor

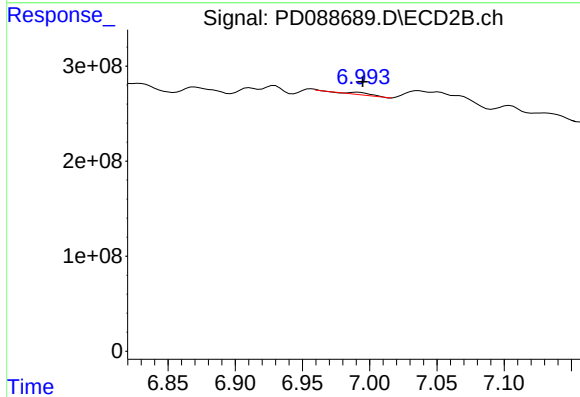
R.T.: 6.750 min
Delta R.T.: -0.008 min
Response: 23921215
Conc: 2.50 ng/ml



#21 Endrin ketone

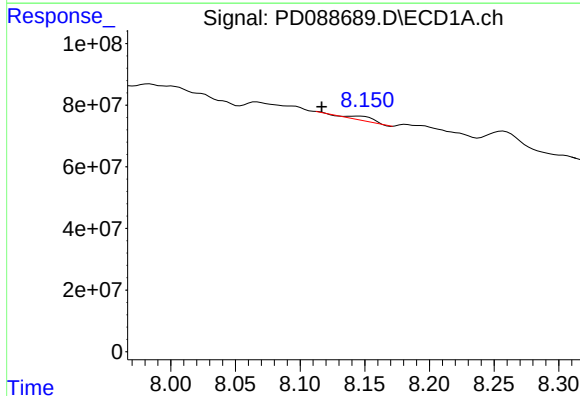
R.T.: 7.642 min
Delta R.T.: 0.009 min
Response: 58853464
Conc: 17.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE



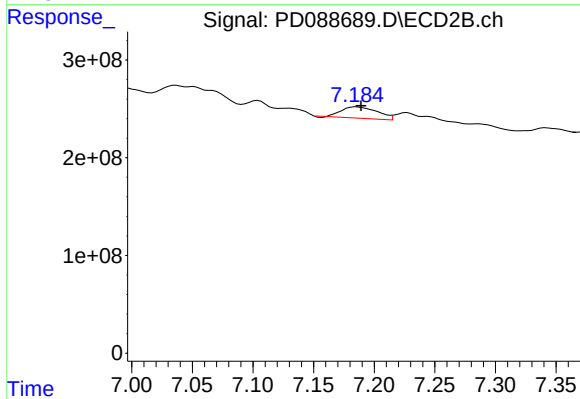
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 33661043
Conc: 1.74 ng/ml



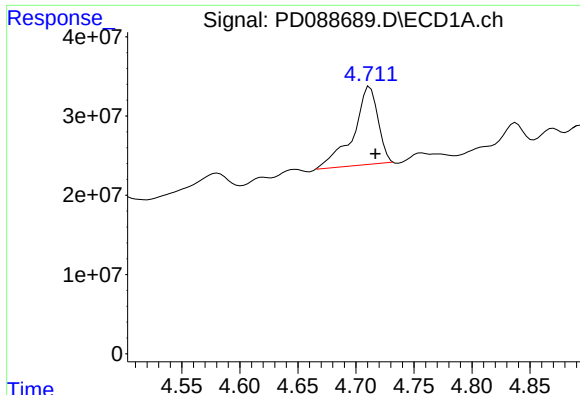
#22 Mirex

R.T.: 8.146 min
Delta R.T.: 0.030 min
Response: 21872526
Conc: 8.42 ng/ml



#22 Mirex

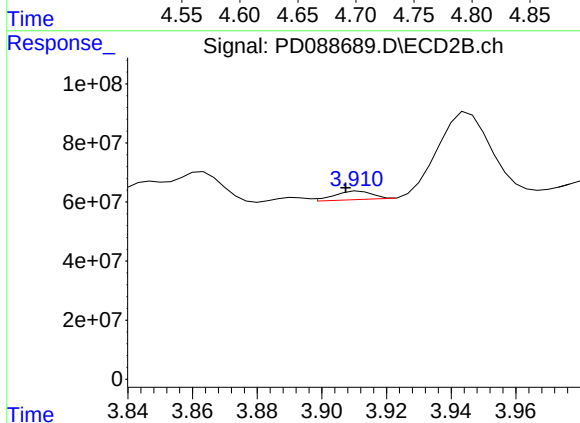
R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 238029508
Conc: 15.66 ng/ml



#23 Chlordane-1

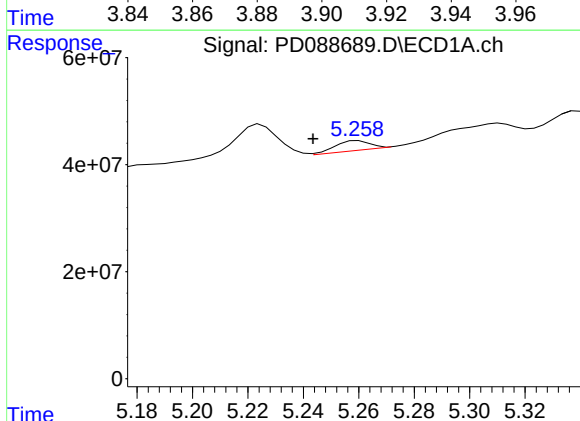
R.T.: 4.712 min
Delta R.T.: -0.005 min
Response: 146257219
Conc: 811.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE



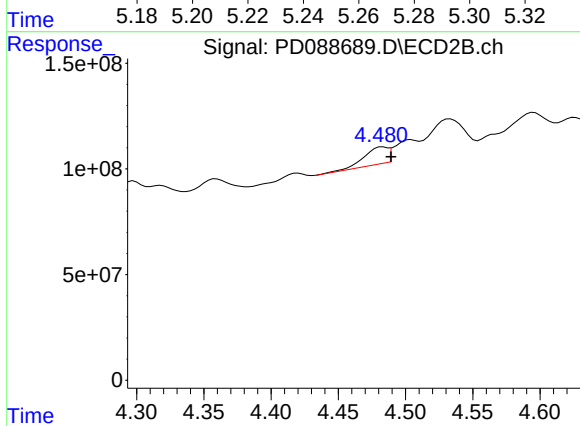
#23 Chlordane-1

R.T.: 3.912 min
Delta R.T.: 0.004 min
Response: 23205976
Conc: 28.08 ng/ml



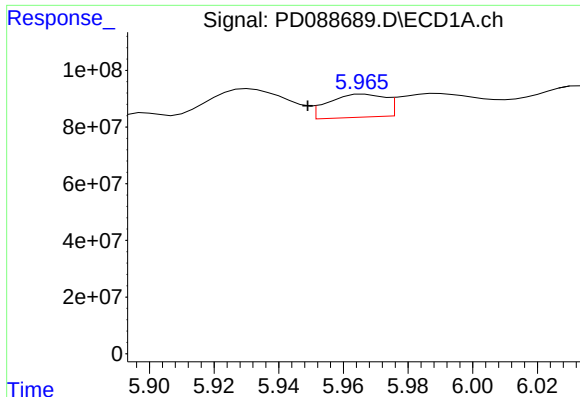
#24 Chlordane-2

R.T.: 5.260 min
Delta R.T.: 0.016 min
Response: 15731158
Conc: 85.73 ng/ml



#24 Chlordane-2

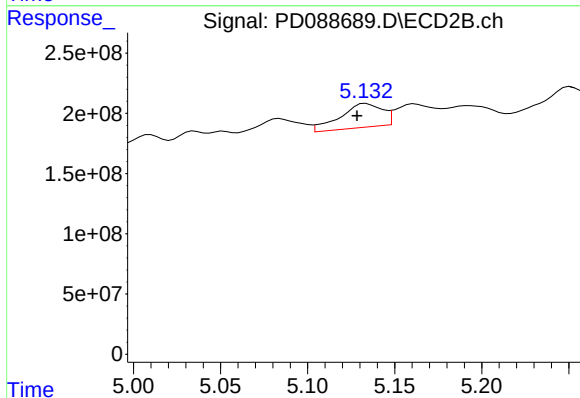
R.T.: 4.483 min
Delta R.T.: -0.006 min
Response: 97533125
Conc: 115.56 ng/ml



#25 Chlordane-3

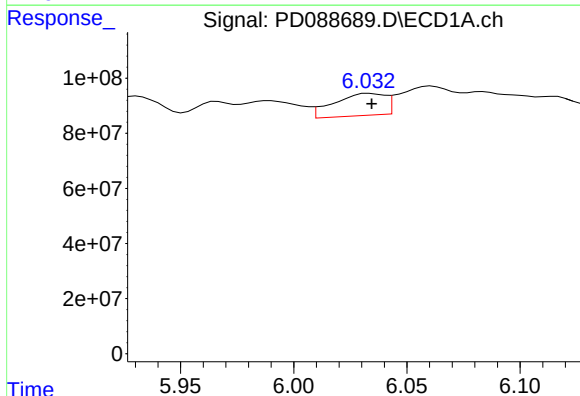
R.T.: 5.967 min
Delta R.T.: 0.018 min
Response: 98449431
Conc: 133.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE



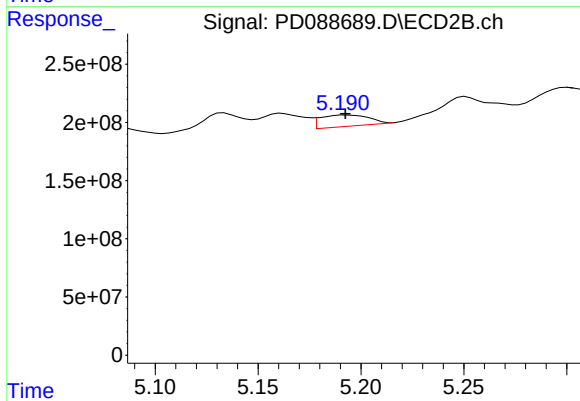
#25 Chlordane-3

R.T.: 5.134 min
Delta R.T.: 0.005 min
Response: 331276365
Conc: 125.63 ng/ml



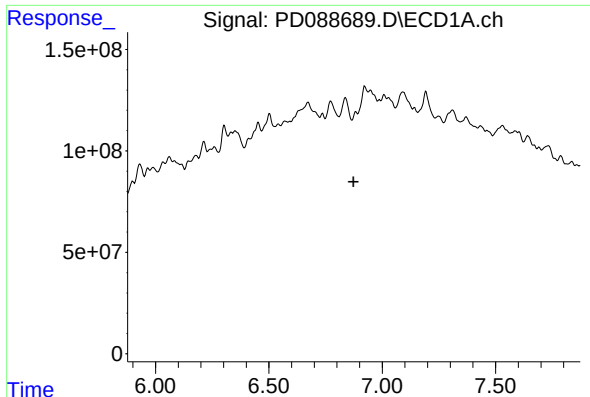
#26 Chlordane-4

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 126362921
Conc: 141.00 ng/ml



#26 Chlordane-4

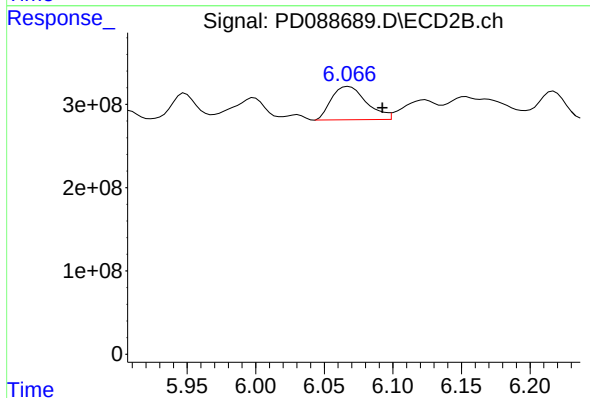
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 159193147
Conc: 71.95 ng/ml



#27 Chlordane-5

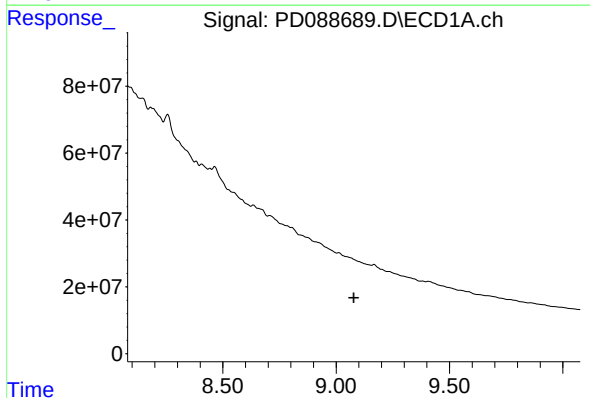
R.T.: 6.883 min
Delta R.T.: 0.010 min
Response: -37318416
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LAW-25-0074RE



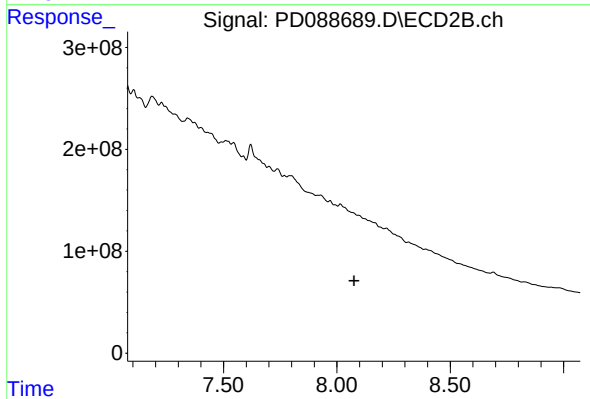
#27 Chlordane-5

R.T.: 6.068 min
Delta R.T.: -0.025 min
Response: 714065754
Conc: 713.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 9.077 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.077 min
Response: 0
Conc: N.D.