

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052325\
 Data File : PD088730.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2025 16:27
 Operator : AR\AJ
 Sample : Q2102-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LAW-25-0077

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 22:46:19 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...	3.555	2.908f	16264432	66505212	7.517	4.396 #
28)	SA Decachlor...	9.080	8.094	56983613	169.7E6	16.651	9.298 #
Target Compounds							
3)	MA gamma-BHC...	4.307f	3.733	4520497	6721386	0.982	0.303 #
4)	MA Heptachlor	4.951f	0.000	430412	0	0.096	N.D. #
5)	MB Aldrin	5.268	4.368	85884	34664248	0.020	1.581 #
6)	B beta-BHC	4.519	4.038	326646	39501356	0.181	4.055 #
7)	B delta-BHC	4.784f	4.271	1112551	22522449	0.263	1.010 #
8)	B Heptachlo...	5.691	4.868	10470272	3354632	2.638	0.169 #
9)	A Endosulfan I	6.066	5.261	896471	5820867	0.238	0.307 #
10)	B gamma-Chl...	5.974f	5.126	4751332	69685392	1.191	3.267 #
11)	B alpha-Chl...	6.035	5.178f	1128926	58121296	0.282	2.818 #
12)	B 4,4'-DDE	6.199	5.400f	9165588	1645494	2.554	0.079 #
13)	MA Dieldrin	6.354	5.499f	5707694	15166038	1.423	0.721 #
14)	MA Endrin	6.580	5.778	14539438	68446400	4.257	3.549
15)	B Endosulfa...	6.799	6.093	2400210	46319262	0.697	2.528 #
16)	A 4,4'-DDD	6.728f	5.945	30043877	-10266836	10.787	N.D. #
17)	MA 4,4'-DDT	7.002f	6.204f	38590866	175.9E6	12.361	9.700
18)	B Endrin al...	6.908	6.251	598351	67882765	0.232	4.874 #
19)	B Endosulfa...	7.147	6.505f	5652062	40588769	1.765	2.286 #
20)	A Methoxychlor	7.496	6.761	-622846	183.4E6	N.D.	19.151
21)	B Endrin ke...	7.621	6.998	34809333	2078485	10.169	0.107 #
22)	Mirex	0.000	7.205f	0	1367566	N.D.	0.090 #
23)	Chlordane-1	4.698	3.897	783261	23975106	4.346	29.014 #
24)	Chlordane-2	5.268f	4.511f	85884	14273787	0.468	16.912 #
25)	Chlordane-3	5.974f	5.126	4751332	69685392	6.422	26.428 #
26)	Chlordane-4	6.035	5.178	1128926	58121296	1.260	26.270 #
27)	Chlordane-5	6.848f	6.093	71715	46319262	0.471	46.280 #

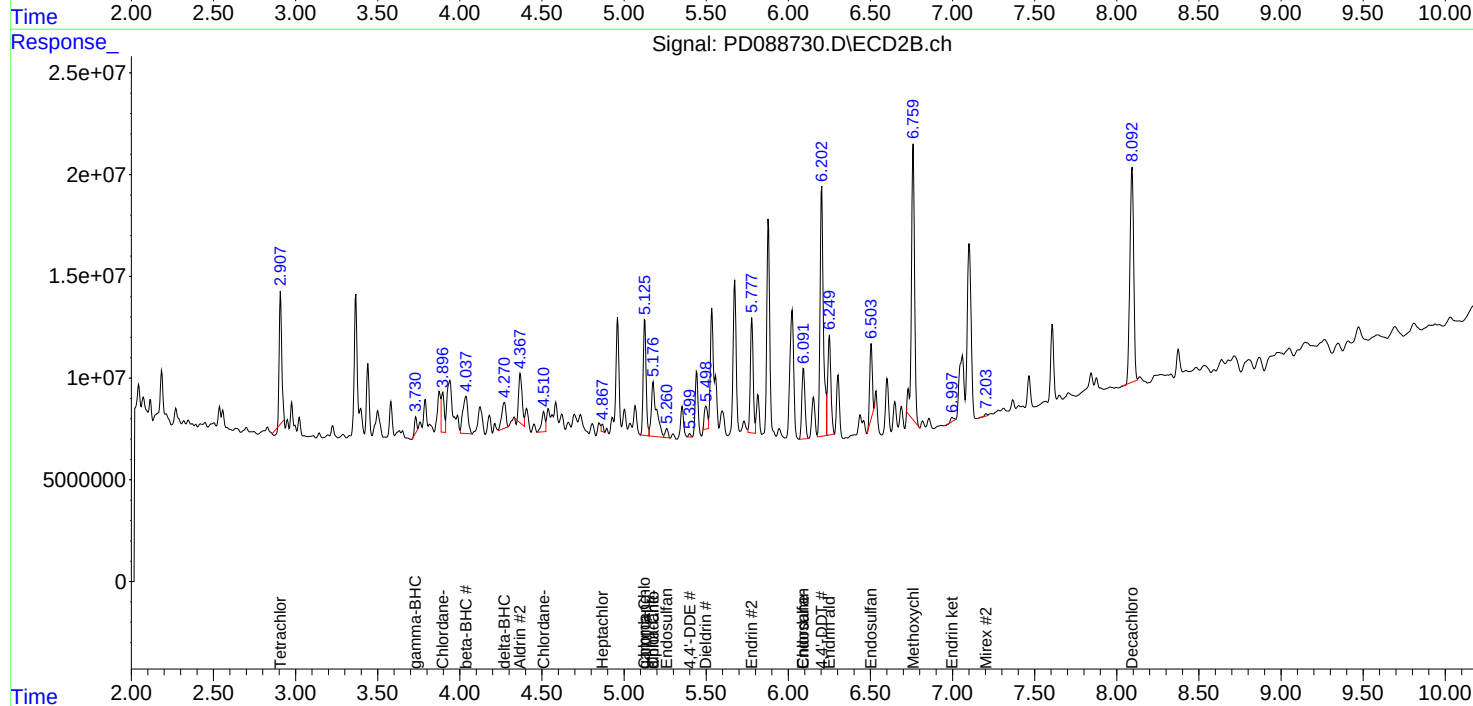
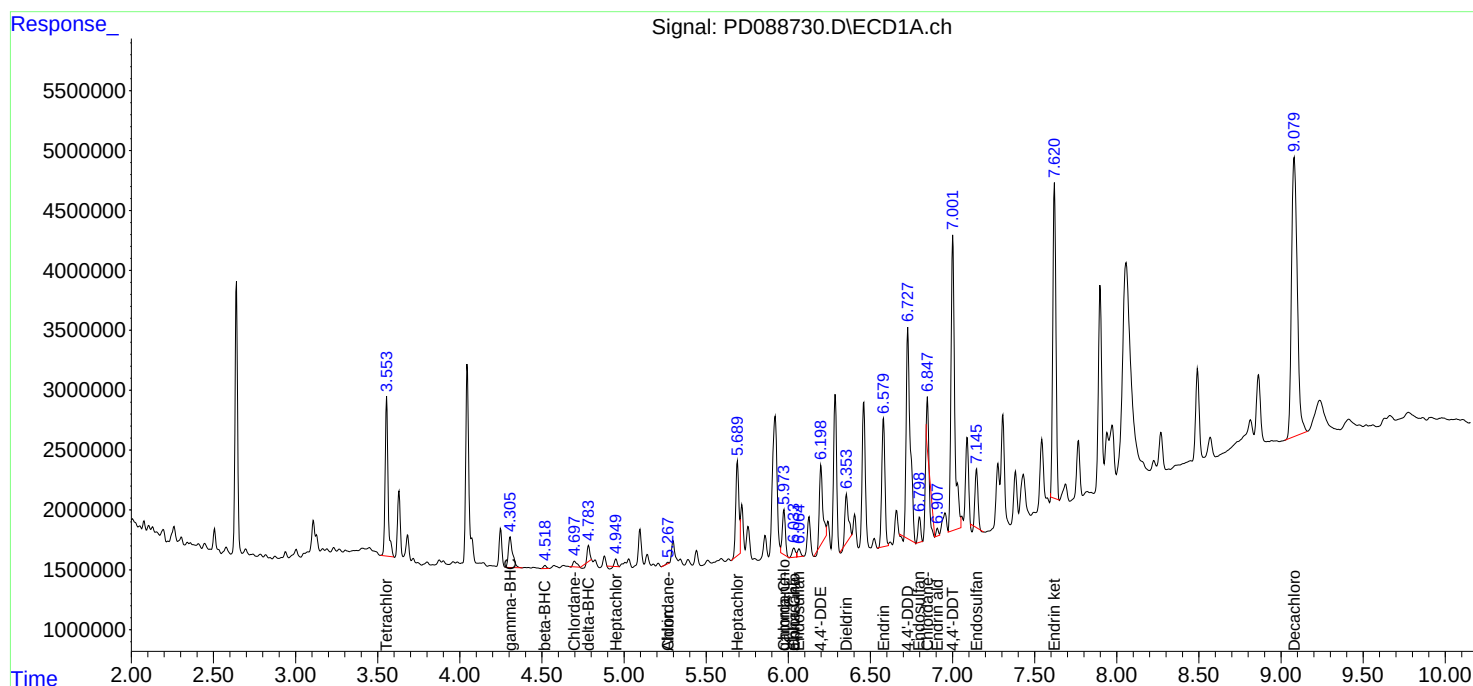
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

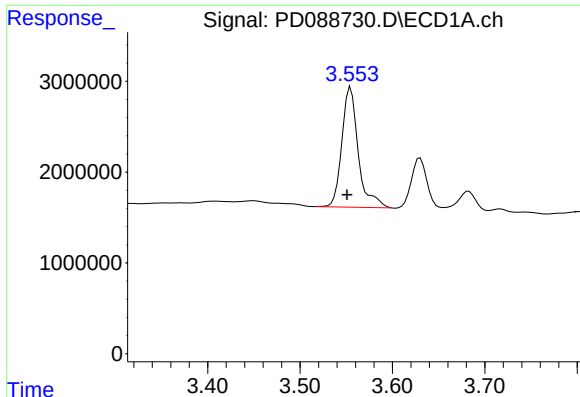
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052325\
Data File : PD088730.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 May 2025 16:27
Operator : AR\AJ
Sample : Q2102-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 22 22:46:19 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

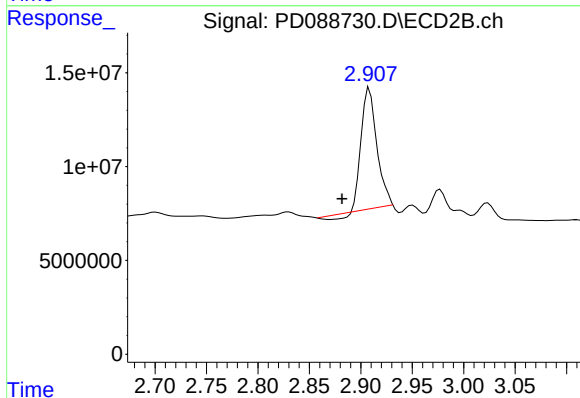




#1 Tetrachloro-m-xylene

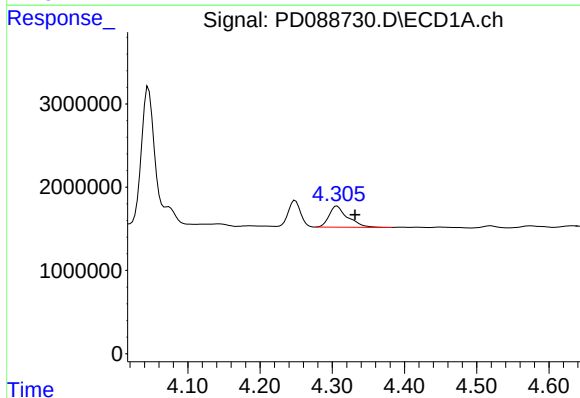
R.T.: 3.555 min
Delta R.T.: 0.004 min
Response: 16264432
Conc: 7.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077



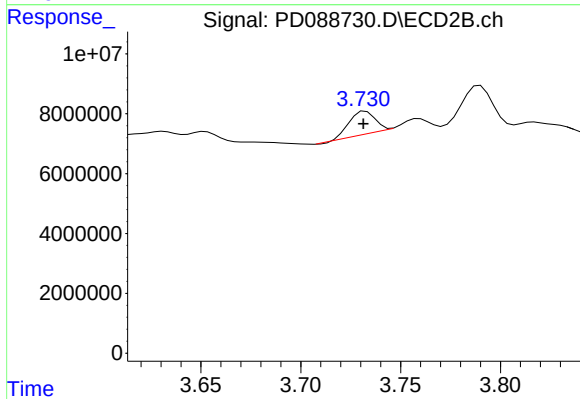
#1 Tetrachloro-m-xylene

R.T.: 2.908 min
Delta R.T.: 0.027 min
Response: 66505212
Conc: 4.40 ng/ml



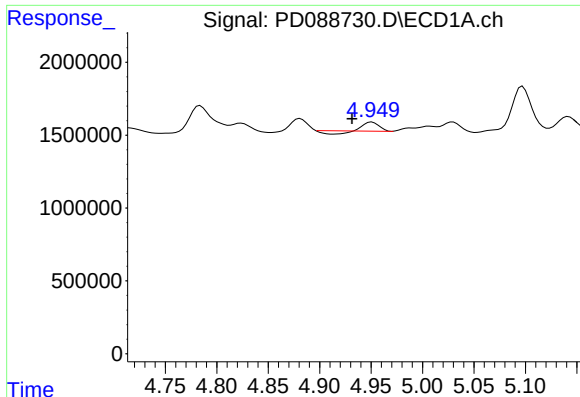
#3 gamma-BHC (Lindane)

R.T.: 4.307 min
Delta R.T.: -0.025 min
Response: 4520497
Conc: 0.98 ng/ml



#3 gamma-BHC (Lindane)

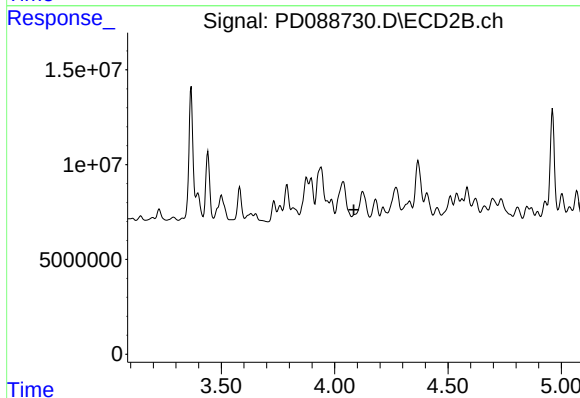
R.T.: 3.733 min
Delta R.T.: 0.001 min
Response: 6721386
Conc: 0.30 ng/ml



#4 Heptachlor

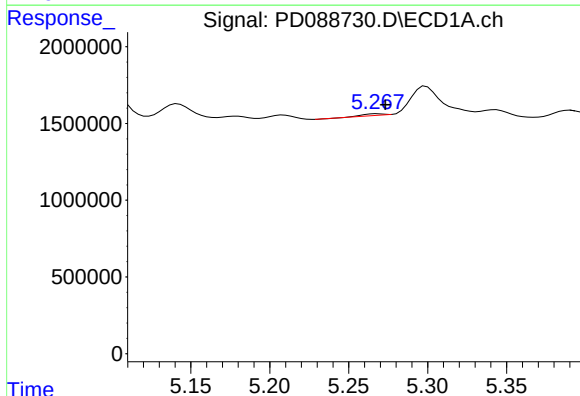
R.T.: 4.951 min
Delta R.T.: 0.019 min
Response: 430412
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077



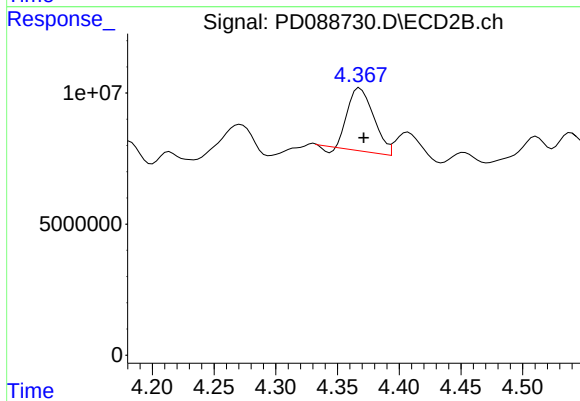
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.085 min
Response: 0
Conc: N.D.



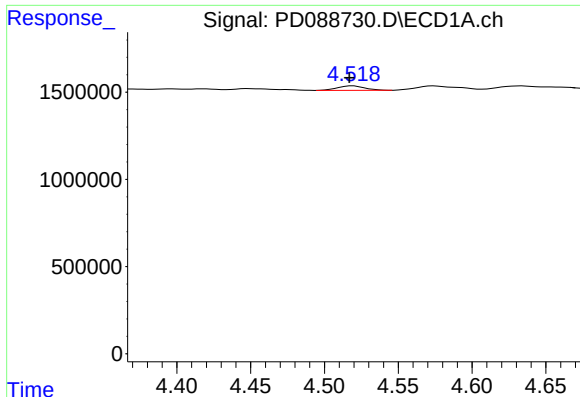
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: -0.005 min
Response: 85884
Conc: 0.02 ng/ml



#5 Aldrin

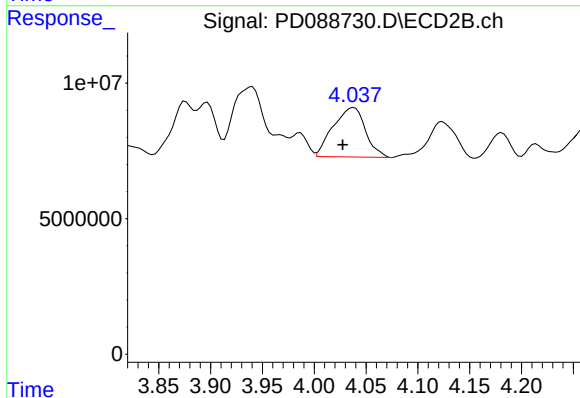
R.T.: 4.368 min
Delta R.T.: -0.003 min
Response: 34664248
Conc: 1.58 ng/ml



#6 beta-BHC

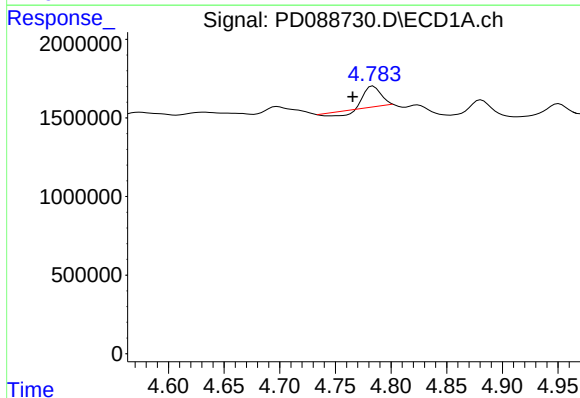
R.T.: 4.519 min
Delta R.T.: 0.003 min
Response: 326646
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077



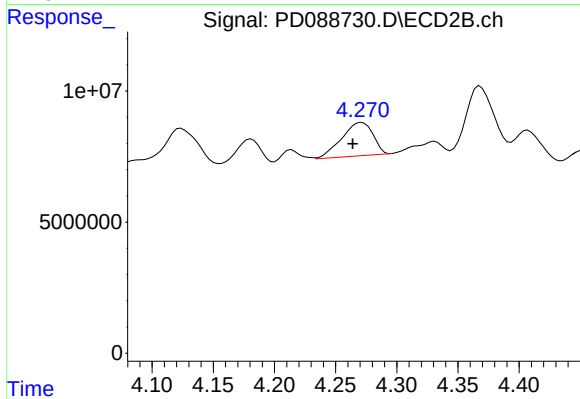
#6 beta-BHC

R.T.: 4.038 min
Delta R.T.: 0.011 min
Response: 39501356
Conc: 4.05 ng/ml



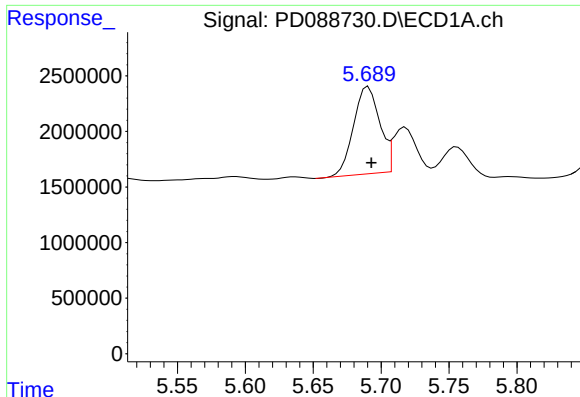
#7 delta-BHC

R.T.: 4.784 min
Delta R.T.: 0.018 min
Response: 1112551
Conc: 0.26 ng/ml



#7 delta-BHC

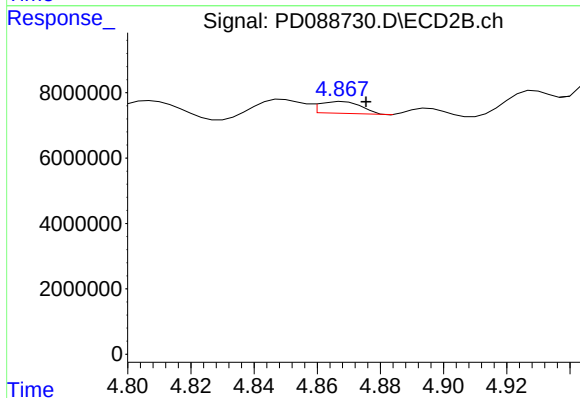
R.T.: 4.271 min
Delta R.T.: 0.008 min
Response: 22522449
Conc: 1.01 ng/ml



#8 Heptachlor epoxide

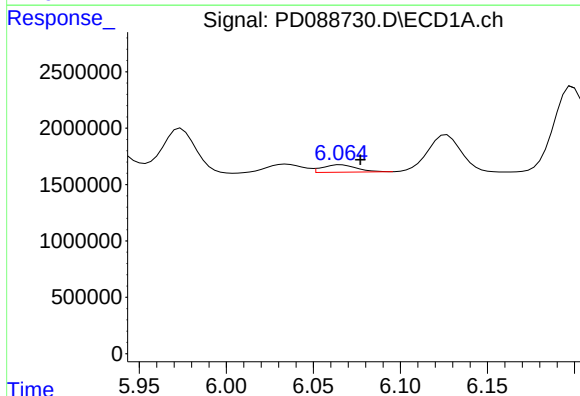
R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 10470272
Conc: 2.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077



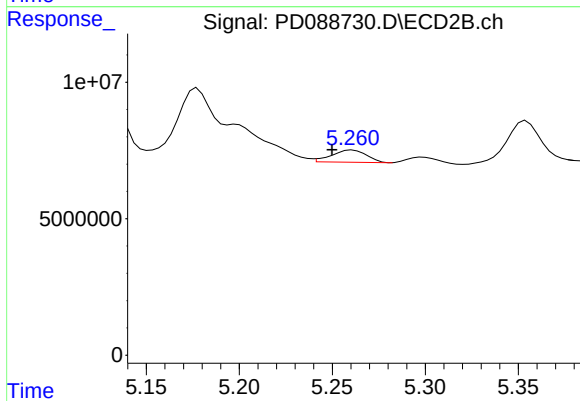
#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: -0.007 min
Response: 3354632
Conc: 0.17 ng/ml



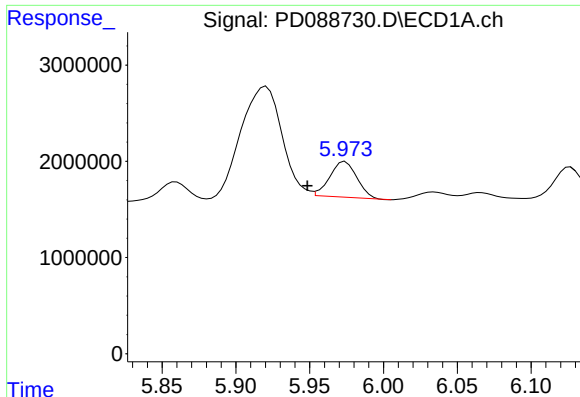
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.011 min
Response: 896471
Conc: 0.24 ng/ml



#9 Endosulfan I

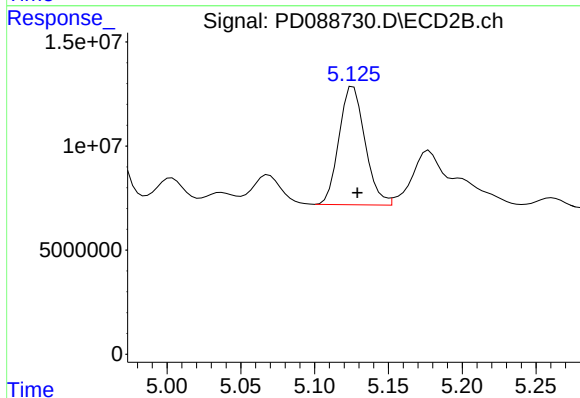
R.T.: 5.261 min
Delta R.T.: 0.011 min
Response: 5820867
Conc: 0.31 ng/ml



#10 gamma-Chlordane

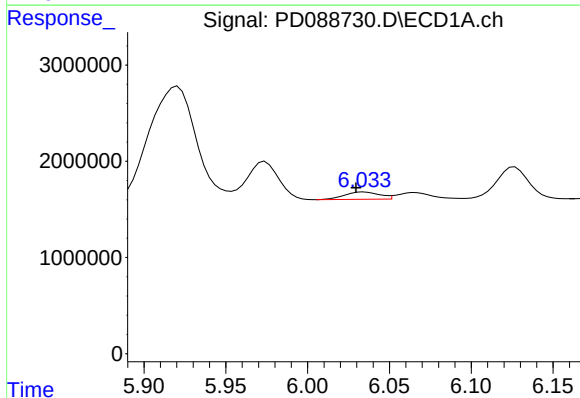
R.T.: 5.974 min
Delta R.T.: 0.026 min
Response: 4751332
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077



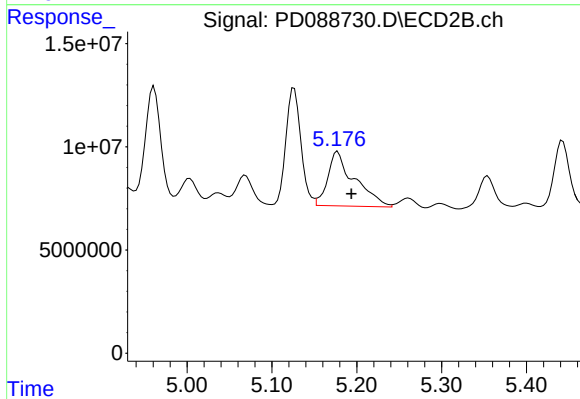
#10 gamma-Chlordane

R.T.: 5.126 min
Delta R.T.: -0.003 min
Response: 69685392
Conc: 3.27 ng/ml



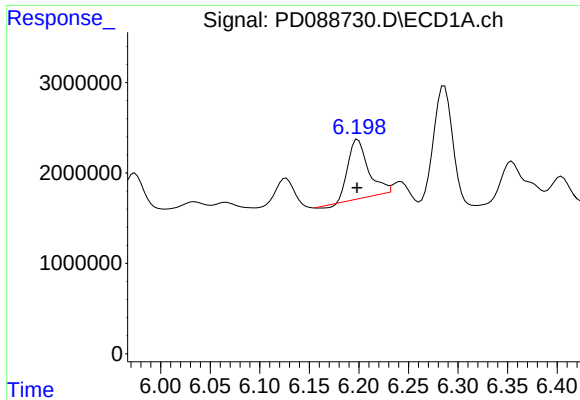
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.005 min
Response: 1128926
Conc: 0.28 ng/ml



#11 alpha-Chlordane

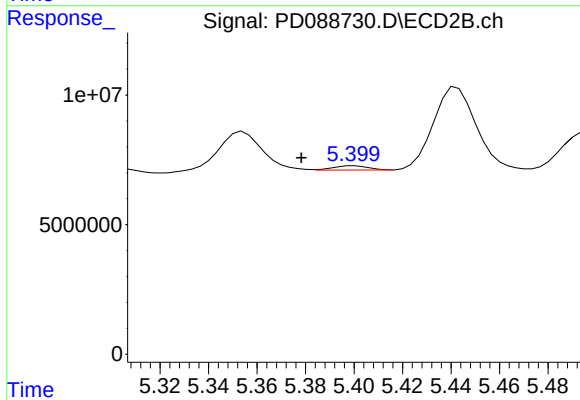
R.T.: 5.178 min
Delta R.T.: -0.016 min
Response: 58121296
Conc: 2.82 ng/ml



#12 4,4'-DDE

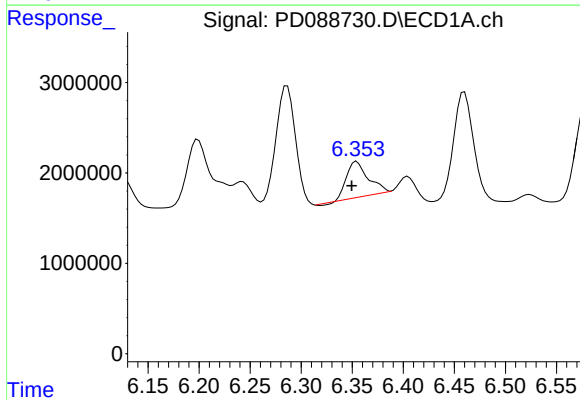
R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 9165588
Conc: 2.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077



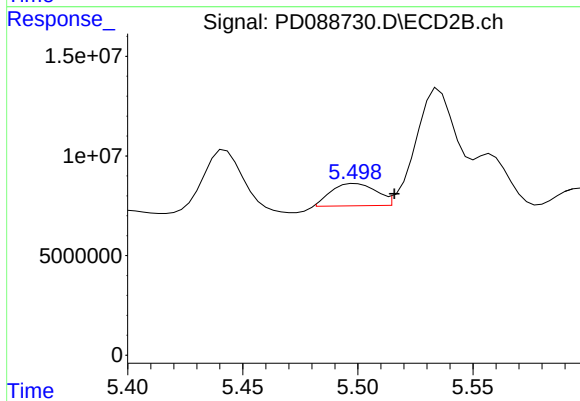
#12 4,4'-DDE

R.T.: 5.400 min
Delta R.T.: 0.022 min
Response: 1645494
Conc: 0.08 ng/ml



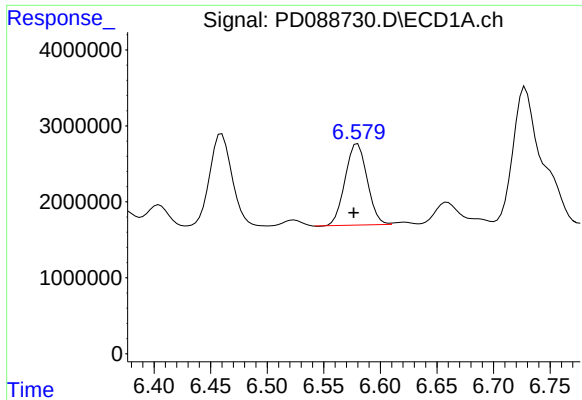
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.005 min
Response: 5707694
Conc: 1.42 ng/ml



#13 Dieldrin

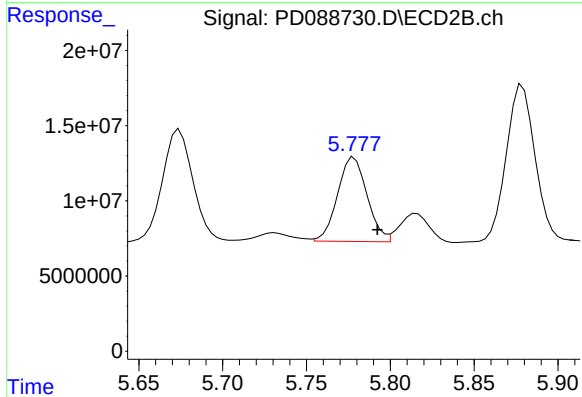
R.T.: 5.499 min
Delta R.T.: -0.017 min
Response: 15166038
Conc: 0.72 ng/ml



#14 Endrin

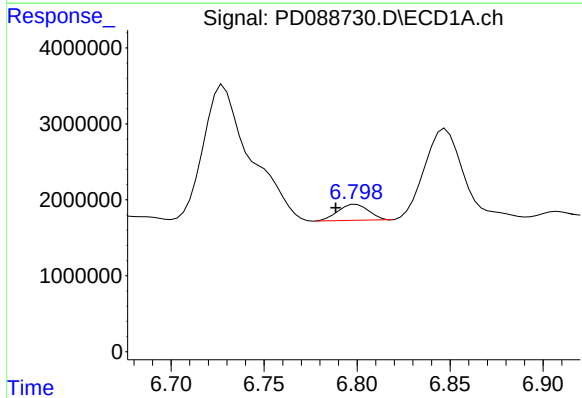
R.T.: 6.580 min
Delta R.T.: 0.003 min
Response: 14539438
Conc: 4.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077



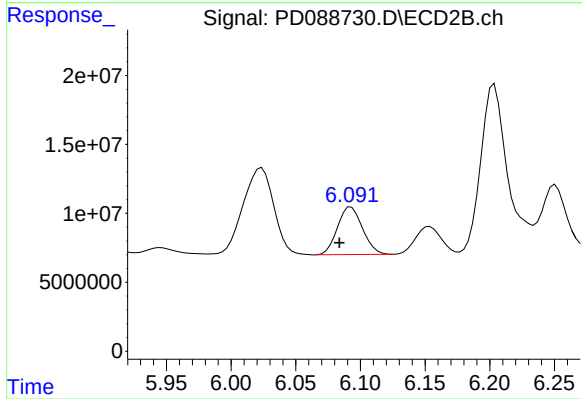
#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.014 min
Response: 68446400
Conc: 3.55 ng/ml



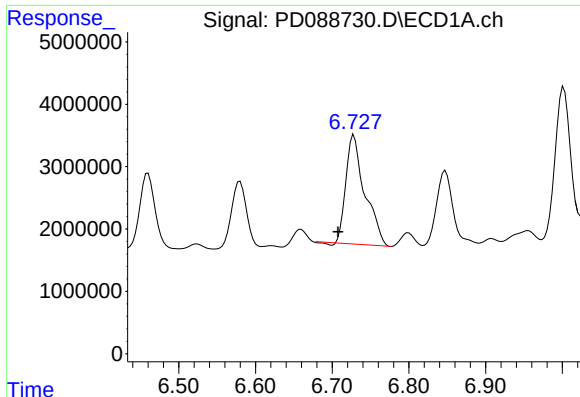
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.011 min
Response: 2400210
Conc: 0.70 ng/ml



#15 Endosulfan II

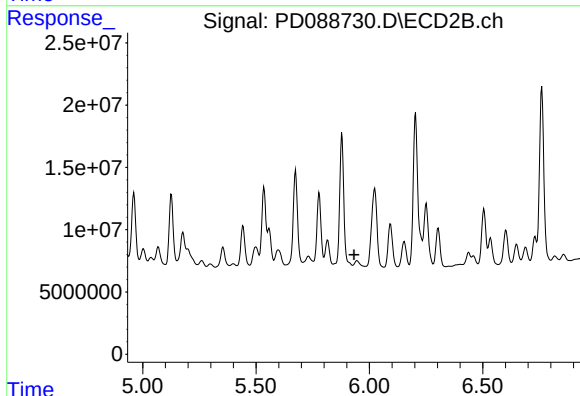
R.T.: 6.093 min
Delta R.T.: 0.009 min
Response: 46319262
Conc: 2.53 ng/ml



#16 4,4'-DDD

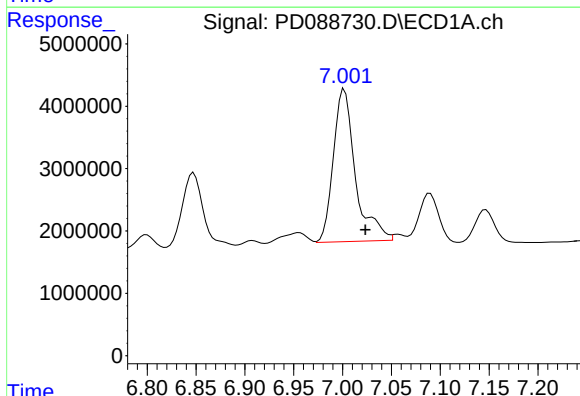
R.T.: 6.728 min
Delta R.T.: 0.021 min
Response: 30043877
Conc: 10.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077



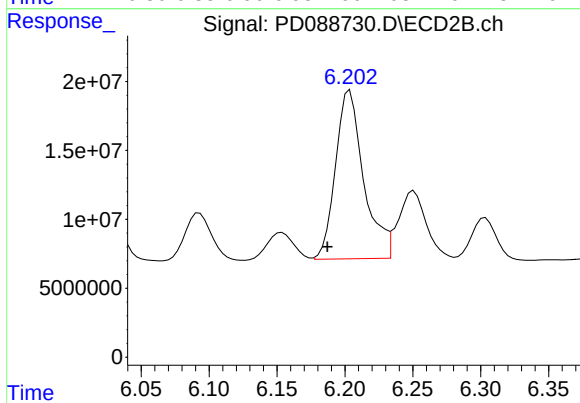
#16 4,4'-DDD

R.T.: 5.945 min
Delta R.T.: 0.013 min
Response: -10266836
Conc: N.D.



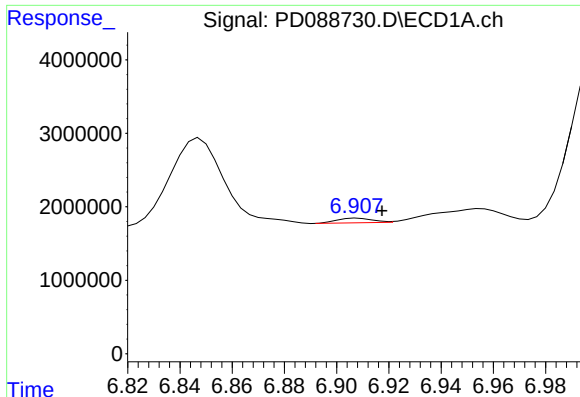
#17 4,4'-DDT

R.T.: 7.002 min
Delta R.T.: -0.021 min
Response: 38590866
Conc: 12.36 ng/ml



#17 4,4'-DDT

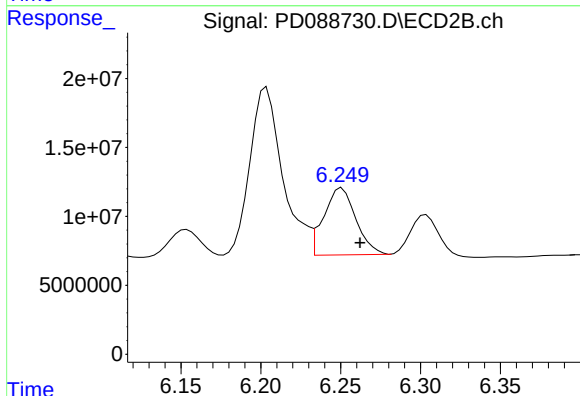
R.T.: 6.204 min
Delta R.T.: 0.017 min
Response: 175924752
Conc: 9.70 ng/ml



#18 Endrin aldehyde

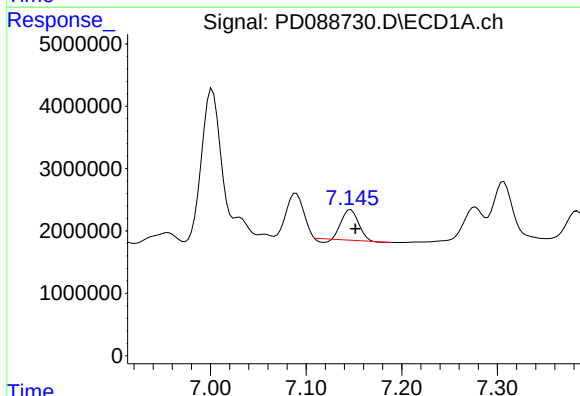
R.T.: 6.908 min
Delta R.T.: -0.009 min
Response: 598351
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077



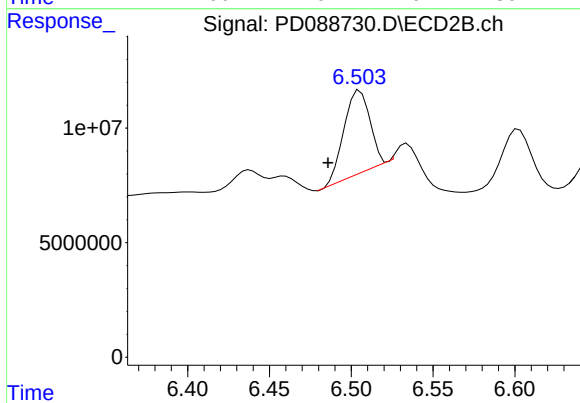
#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: -0.011 min
Response: 67882765
Conc: 4.87 ng/ml



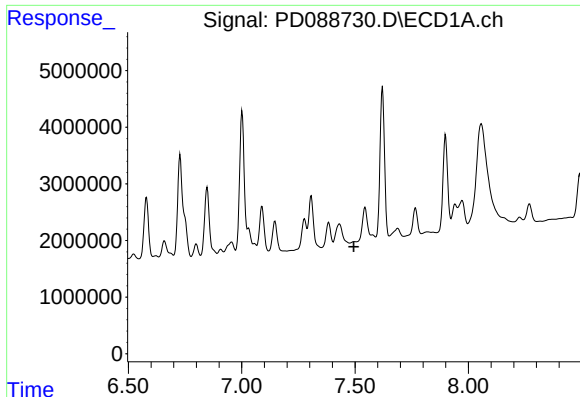
#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: -0.005 min
Response: 5652062
Conc: 1.76 ng/ml



#19 Endosulfan Sulfate

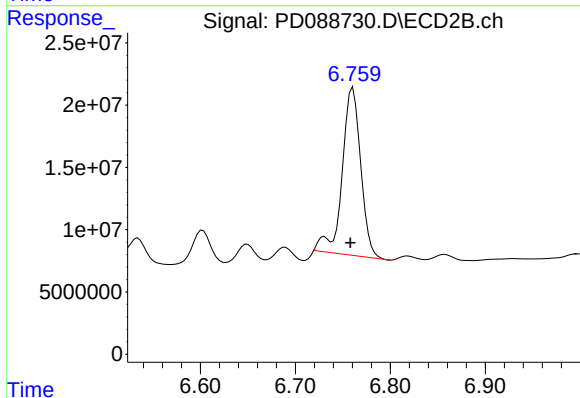
R.T.: 6.505 min
Delta R.T.: 0.020 min
Response: 40588769
Conc: 2.29 ng/ml



#20 Methoxychlor

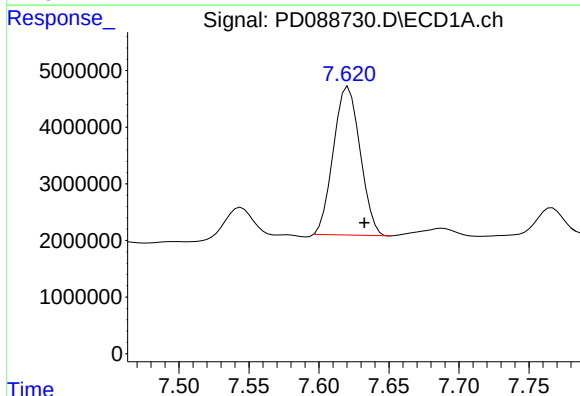
R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: -622846
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077



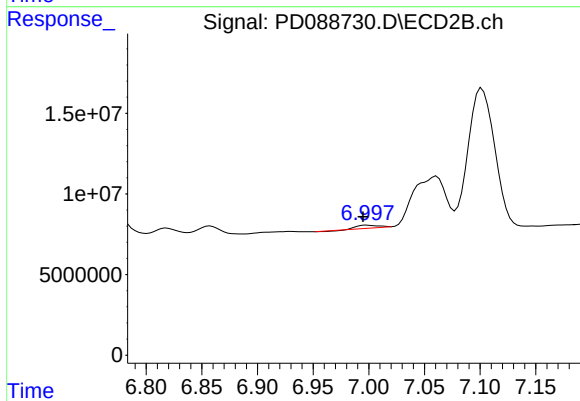
#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: 0.003 min
Response: 183366813
Conc: 19.15 ng/ml



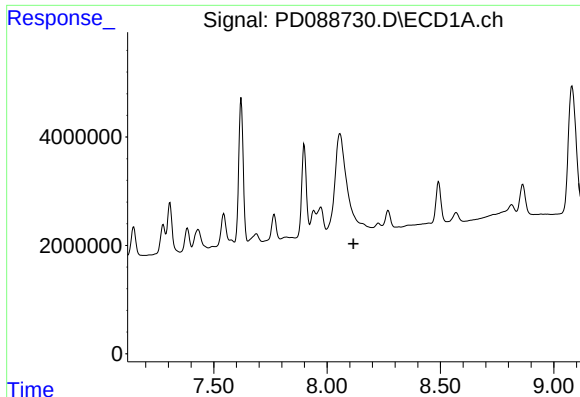
#21 Endrin ketone

R.T.: 7.621 min
Delta R.T.: -0.011 min
Response: 34809333
Conc: 10.17 ng/ml



#21 Endrin ketone

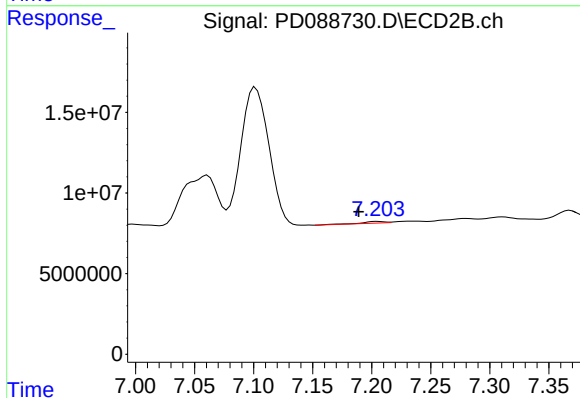
R.T.: 6.998 min
Delta R.T.: 0.003 min
Response: 2078485
Conc: 0.11 ng/ml



#22 Mirex

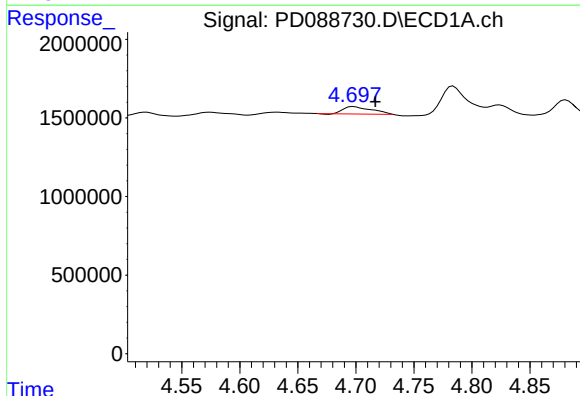
R.T.: 0.000 min
Exp R.T.: 8.117 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077



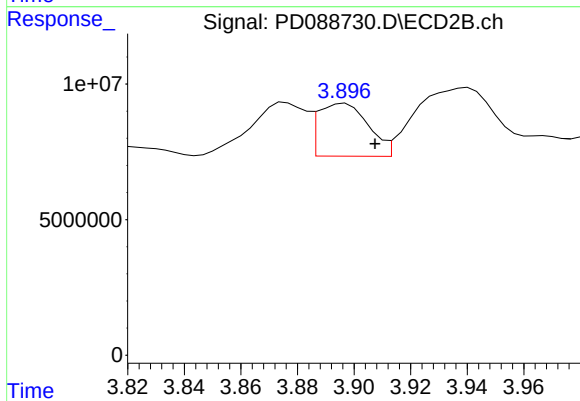
#22 Mirex

R.T.: 7.205 min
Delta R.T.: 0.016 min
Response: 1367566
Conc: 0.09 ng/ml



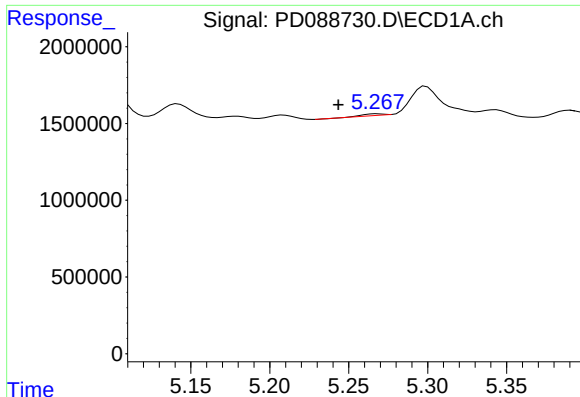
#23 Chlordane-1

R.T.: 4.698 min
Delta R.T.: -0.019 min
Response: 783261
Conc: 4.35 ng/ml



#23 Chlordane-1

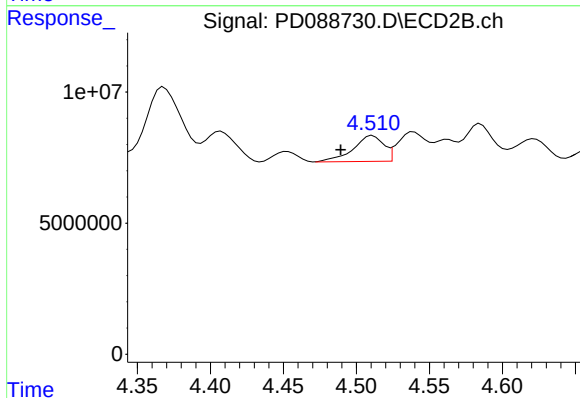
R.T.: 3.897 min
Delta R.T.: -0.011 min
Response: 23975106
Conc: 29.01 ng/ml



#24 Chlordane-2

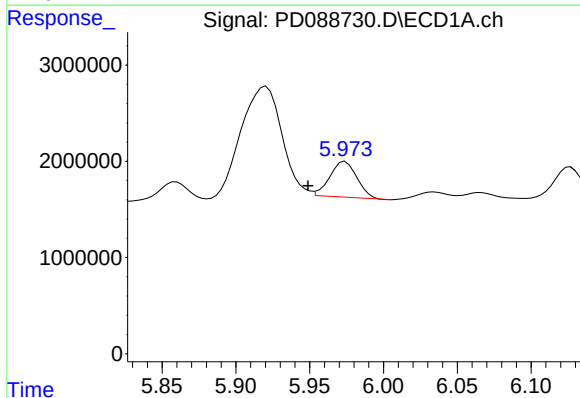
R.T.: 5.268 min
Delta R.T.: 0.025 min
Response: 85884
Conc: 0.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077



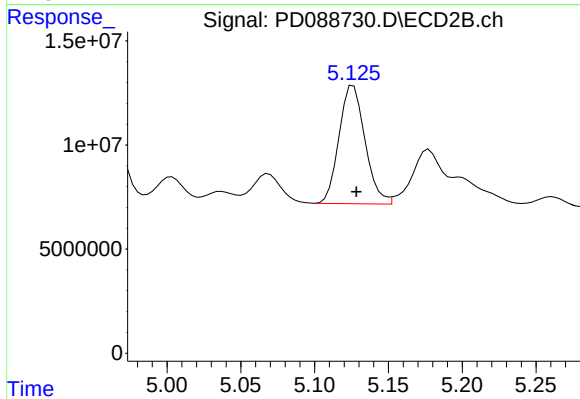
#24 Chlordane-2

R.T.: 4.511 min
Delta R.T.: 0.022 min
Response: 14273787
Conc: 16.91 ng/ml



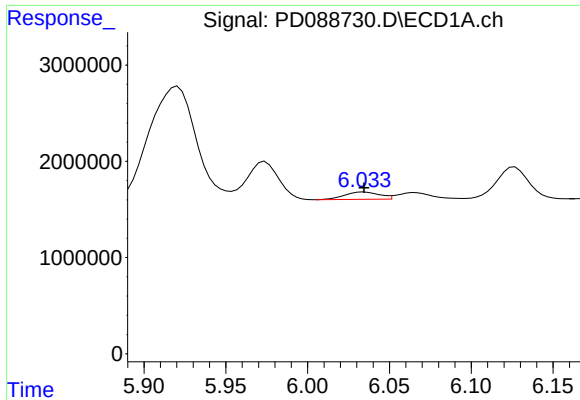
#25 Chlordane-3

R.T.: 5.974 min
Delta R.T.: 0.025 min
Response: 4751332
Conc: 6.42 ng/ml



#25 Chlordane-3

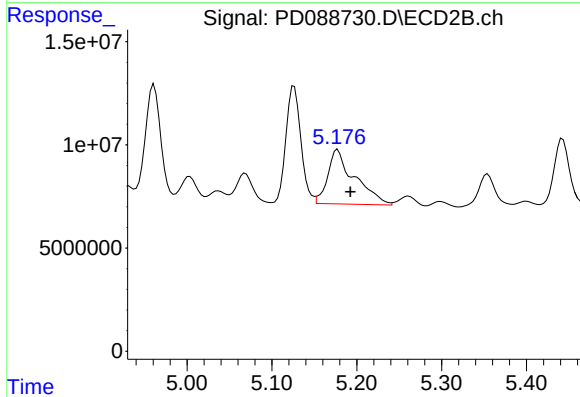
R.T.: 5.126 min
Delta R.T.: -0.002 min
Response: 69685392
Conc: 26.43 ng/ml



#26 Chlordane-4

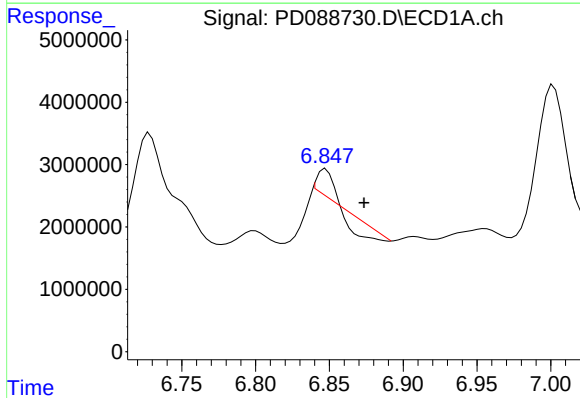
R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 1128926
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077



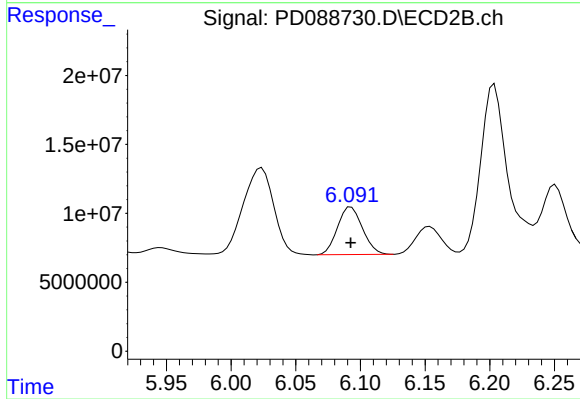
#26 Chlordane-4

R.T.: 5.178 min
Delta R.T.: -0.015 min
Response: 58121296
Conc: 26.27 ng/ml



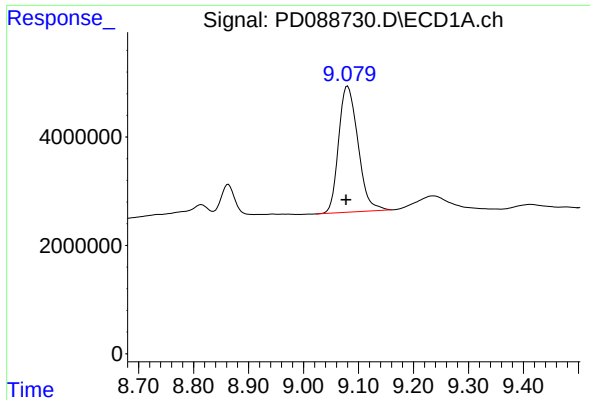
#27 Chlordane-5

R.T.: 6.848 min
Delta R.T.: -0.026 min
Response: 71715
Conc: 0.47 ng/ml



#27 Chlordane-5

R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 46319262
Conc: 46.28 ng/ml



#28 Decachlorobiphenyl

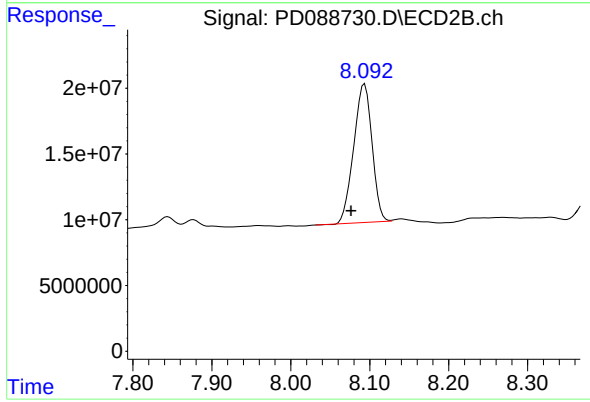
R.T.: 9.080 min

Delta R.T.: 0.003 min

Response: 56983613

Conc: 16.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAW-25-0077



#28 Decachlorobiphenyl

R.T.: 8.094 min

Delta R.T.: 0.017 min

Response: 169747376

Conc: 9.30 ng/ml