

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070725\
 Data File : PD089352.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 14:51
 Operator : AR\AJ
 Sample : Q2493-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-11MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 02:24:52 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...	3.557	2.880	46827358	543.6E6	16.413	32.067 #
28)	SA Decachlor...	9.081	8.073	52121621	224.5E6	13.271	11.356
Target Compounds							
2)	A alpha-BHC	4.006	3.392	251.8E6	1518.4E6	43.203	56.662 #
3)	MA gamma-BHC...	4.338	3.729	253.1E6	1186.0E6	45.350	47.905
4)	MA Heptachlor	4.937	4.082	248.6E6	1187.8E6	45.595	47.441
5)	MB Aldrin	5.278	4.368	230.7E6	1166.0E6	43.413	48.147
6)	B beta-BHC	4.523	4.024	95685206	532.1E6	43.353	49.511
7)	B delta-BHC	4.772	4.261	241.9E6	1200.6E6	47.135	48.270
8)	B Heptachlo...	5.698	4.872	198.0E6	1074.4E6	41.038	49.065
9)	A Endosulfan I	6.082	5.247	187.1E6	970.8E6	41.516	46.576
10)	B gamma-Chl...	5.954	5.125	196.9E6	1141.5E6	41.123	47.718
11)	B alpha-Chl...	6.035	5.190	201.1E6	1079.8E6	41.552	47.159
12)	B 4,4'-DDE	6.203	5.375	176.0E6	1048.7E6	40.364	45.761
13)	MA Dieldrin	6.354	5.512	194.5E6	1057.3E6	40.551	45.555
14)	MA Endrin	6.582	5.789	164.2E6	976.0E6	39.801	44.949
15)	B Endosulfa...	6.794	6.080	149.1E6	855.5E6	36.948	42.358
16)	A 4,4'-DDD	6.713	5.929	133.9E6	772.9E6	39.019	40.406
17)	MA 4,4'-DDT	7.029	6.184	146.0E6	867.2E6	38.528	42.762
18)	B Endrin al...	6.922	6.259	120.5E6	649.3E6	39.334	42.408
19)	B Endosulfa...	7.157	6.482	142.3E6	801.8E6	37.072	40.862
20)	A Methoxychlor	7.501	6.754	69761787	405.5E6	34.525	37.657
21)	B Endrin ke...	7.638	6.992	149.3E6	811.2E6	36.646	37.554
22)	Mirex	8.120	7.186	106.7E6	592.9E6	35.088	35.549
23)	Chlordane-1	0.000	3.910	0	11423708	N.D.	12.254 #
24)	Chlordane-2	0.000	4.505	0	6670099	N.D.	7.009 #
25)	Chlordane-3	5.954	5.125	196.9E6	1141.5E6	228.294	384.331 #
26)	Chlordane-4	6.035	5.190	201.1E6	1079.8E6	191.349	430.756 #
27)	Chlordane-5	0.000	6.080	0	855.5E6	N.D.	755.964 #

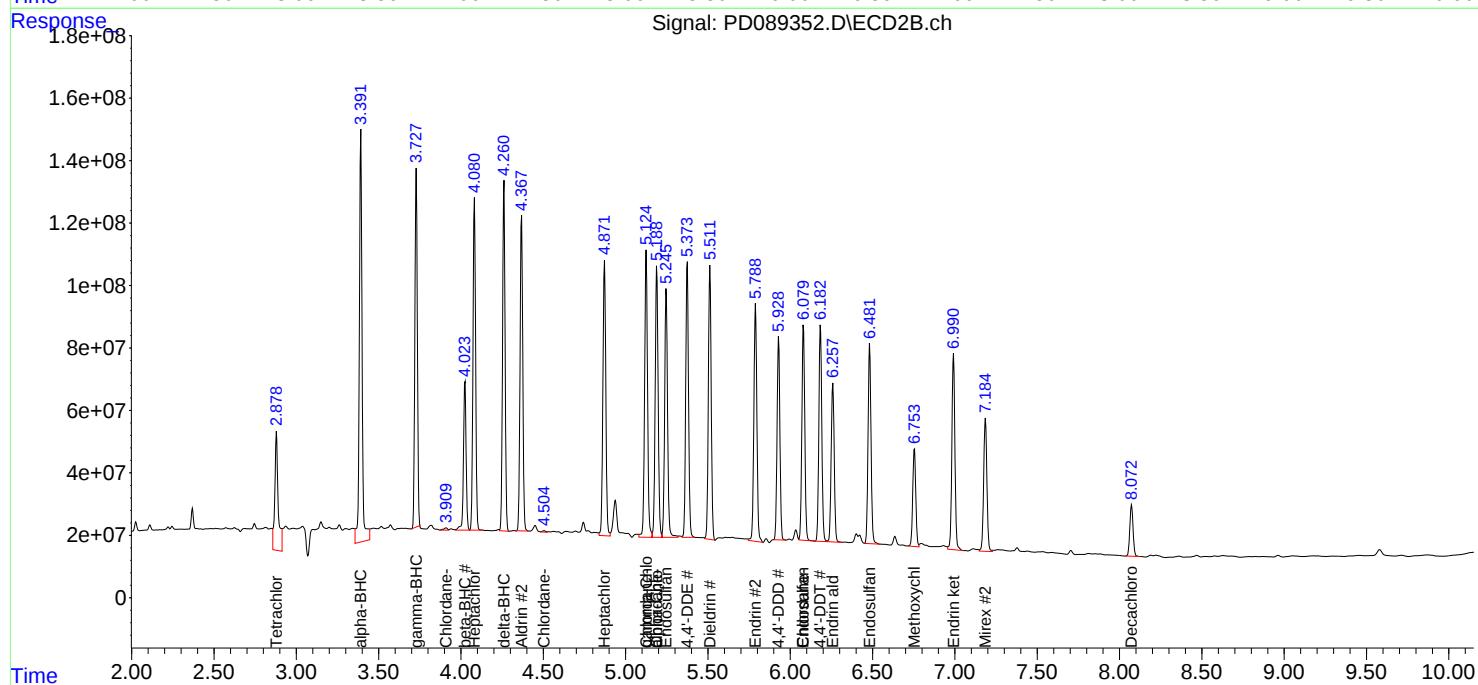
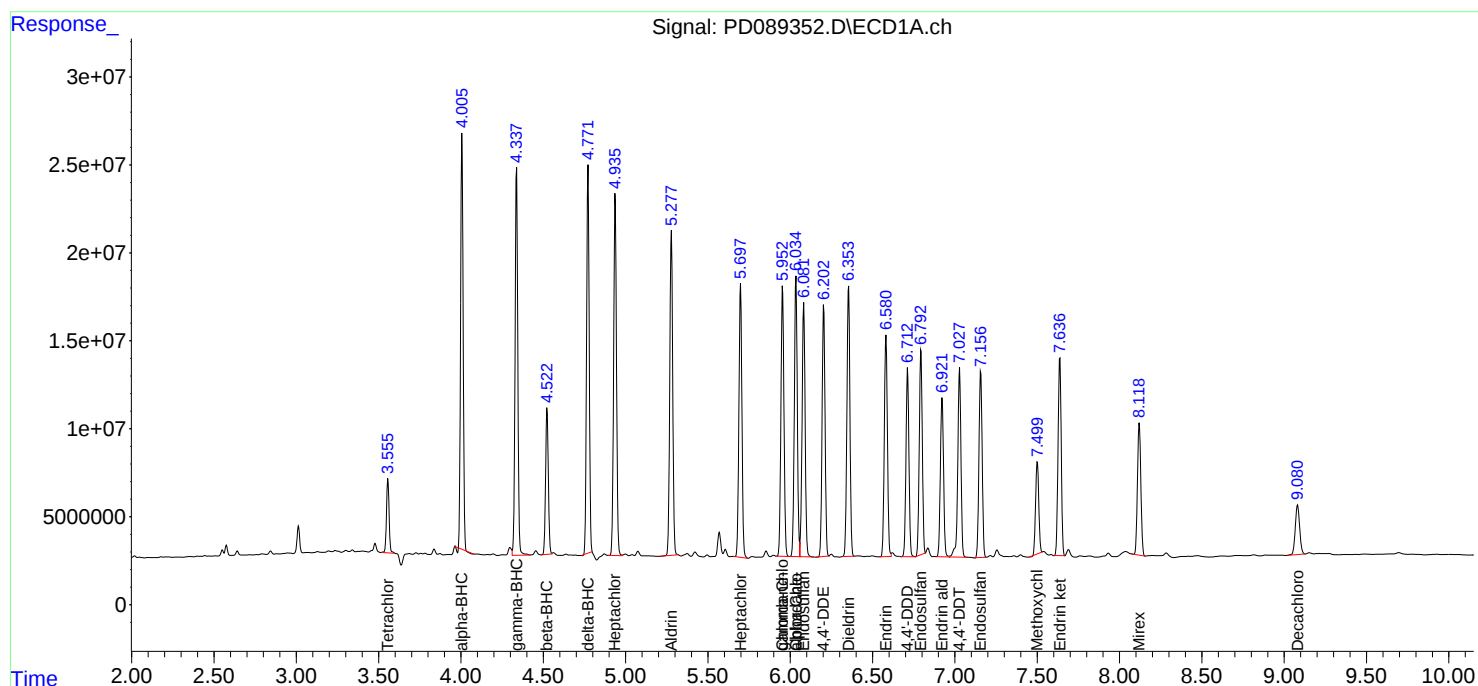
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

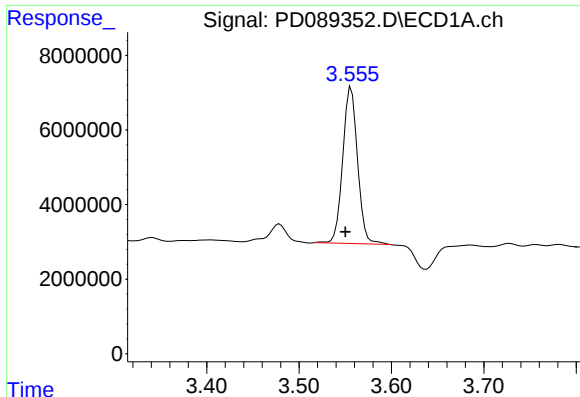
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070725\
Data File : PD089352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 14:51
Operator : AR\AJ
Sample : Q2493-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-11MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:24:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
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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

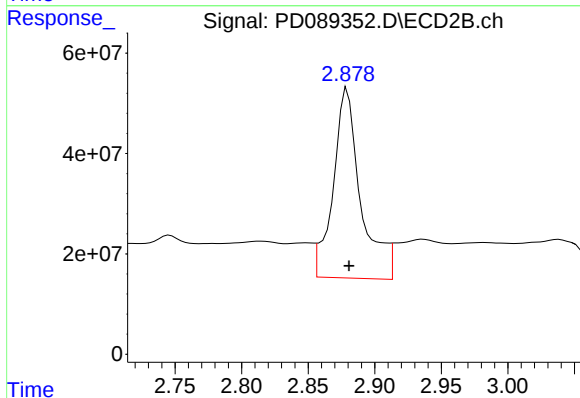




#1 Tetrachloro-m-xylene

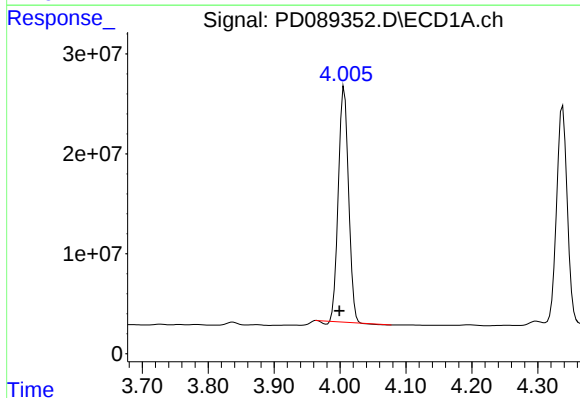
R.T.: 3.557 min
Delta R.T.: 0.007 min
Response: 46827358
Conc: 16.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-11MSD



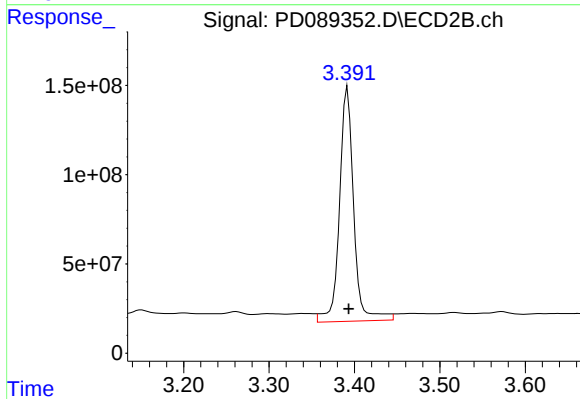
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.001 min
Response: 543634085
Conc: 32.07 ng/ml



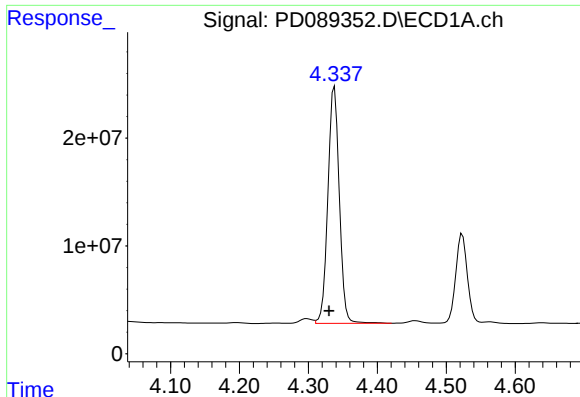
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.007 min
Response: 251832217
Conc: 43.20 ng/ml



#2 alpha-BHC

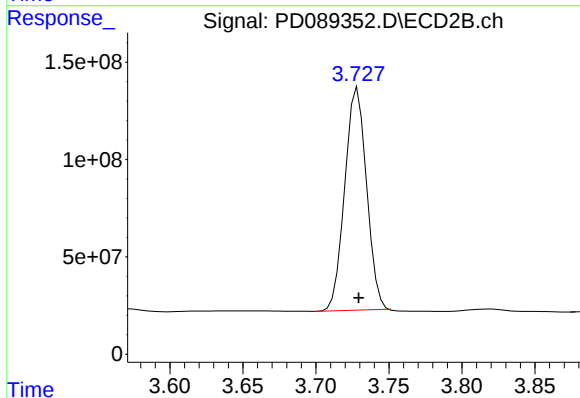
R.T.: 3.392 min
Delta R.T.: -0.001 min
Response: 1518380005
Conc: 56.66 ng/ml



#3 gamma-BHC (Lindane)

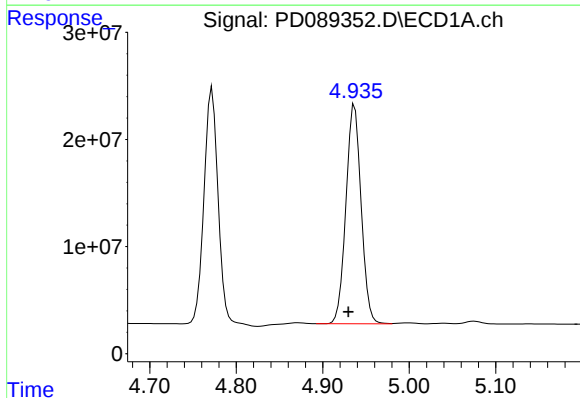
R.T.: 4.338 min
Delta R.T.: 0.008 min
Response: 253130786
Conc: 45.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-11MSD



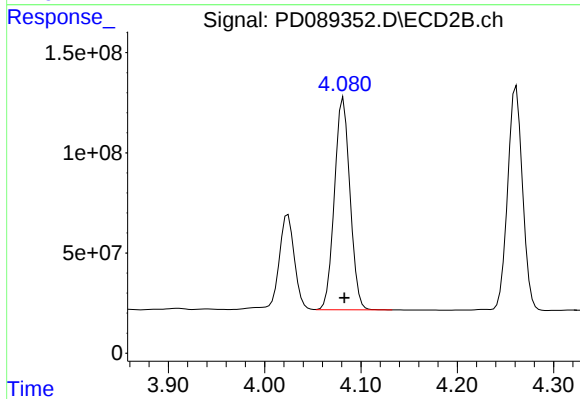
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 1185991173
Conc: 47.91 ng/ml



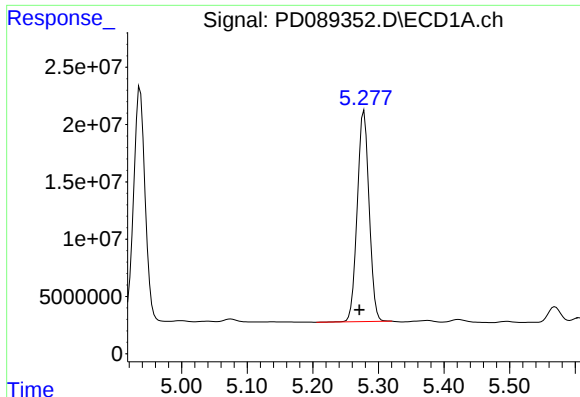
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.007 min
Response: 248583137
Conc: 45.60 ng/ml



#4 Heptachlor

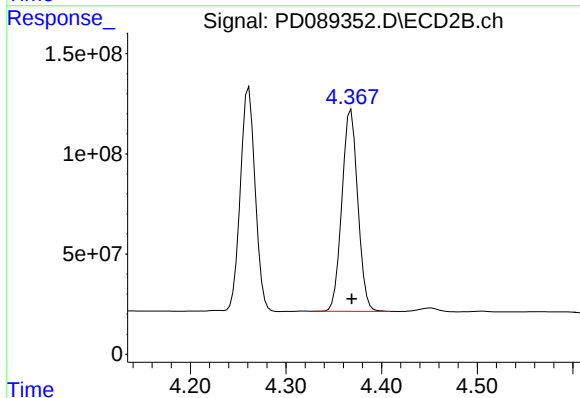
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 1187839289
Conc: 47.44 ng/ml



#5 Aldrin

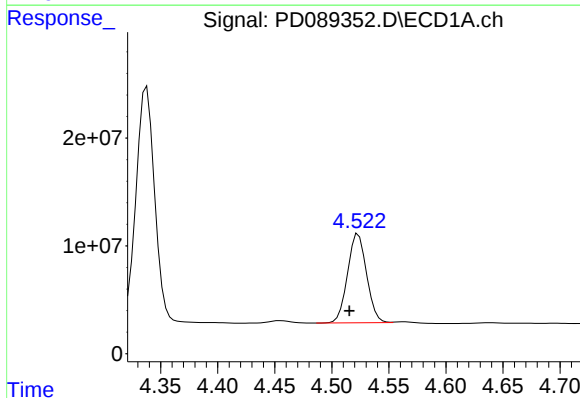
R.T.: 5.278 min
Delta R.T.: 0.007 min
Response: 230654914
Conc: 43.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-11MSD



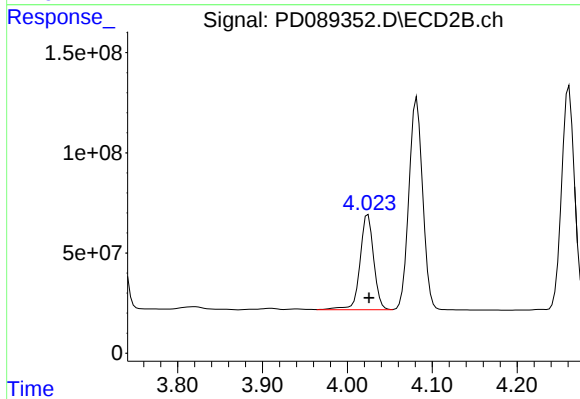
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 1165994988
Conc: 48.15 ng/ml



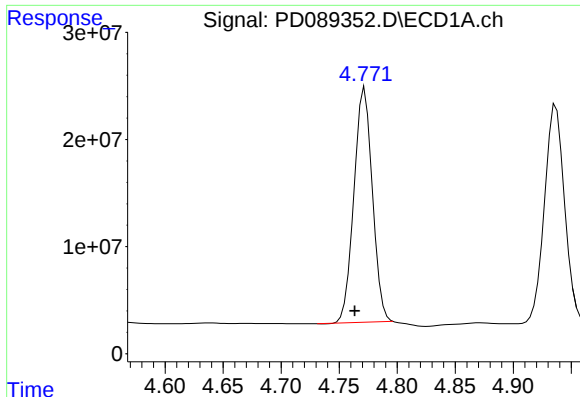
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.008 min
Response: 95685206
Conc: 43.35 ng/ml



#6 beta-BHC

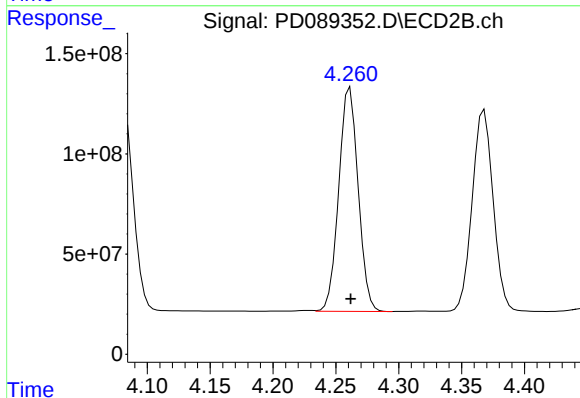
R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 532060248
Conc: 49.51 ng/ml



#7 delta-BHC

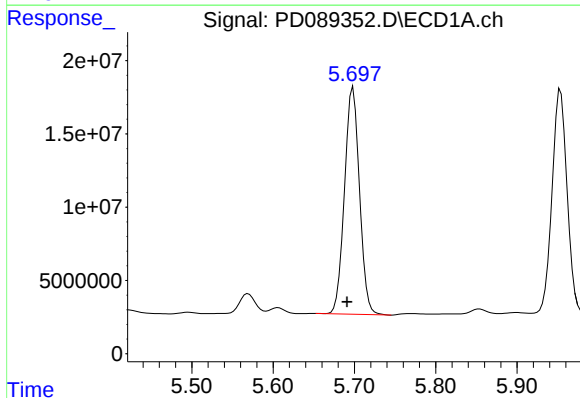
R.T.: 4.772 min
Delta R.T.: 0.009 min
Response: 241937930
Conc: 47.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-11MSD



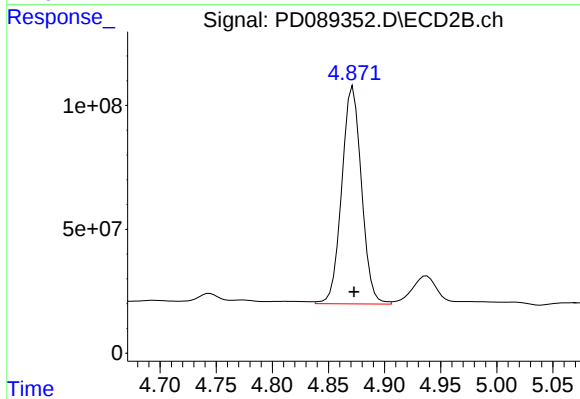
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 1200645013
Conc: 48.27 ng/ml



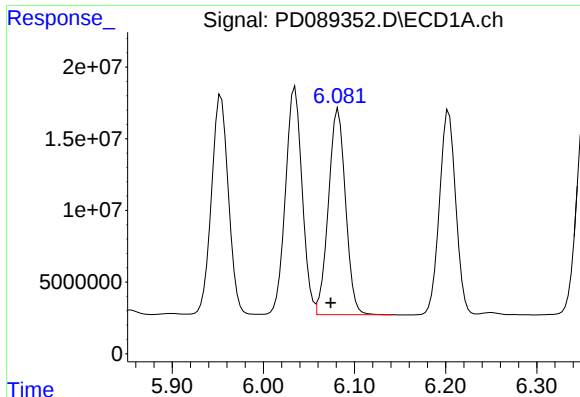
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.008 min
Response: 197966675
Conc: 41.04 ng/ml



#8 Heptachlor epoxide

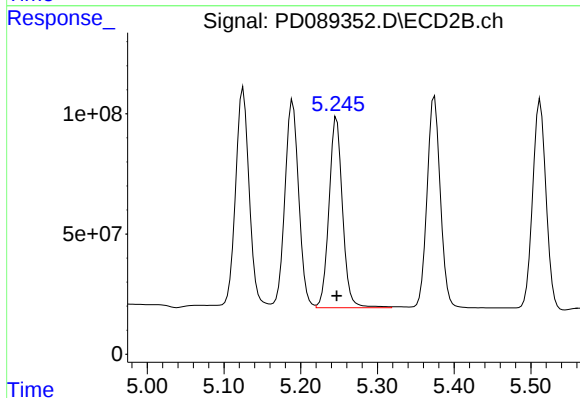
R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 1074436251
Conc: 49.07 ng/ml



#9 Endosulfan I

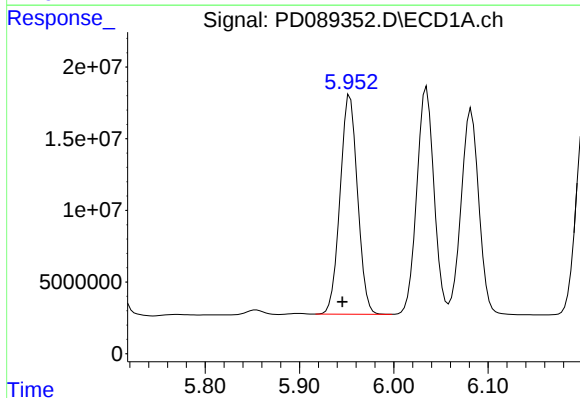
R.T.: 6.082 min
Delta R.T.: 0.008 min
Response: 187132587
Conc: 41.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-11MSD



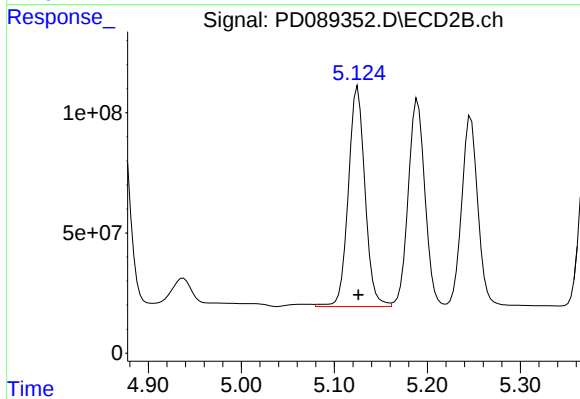
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 970765167
Conc: 46.58 ng/ml



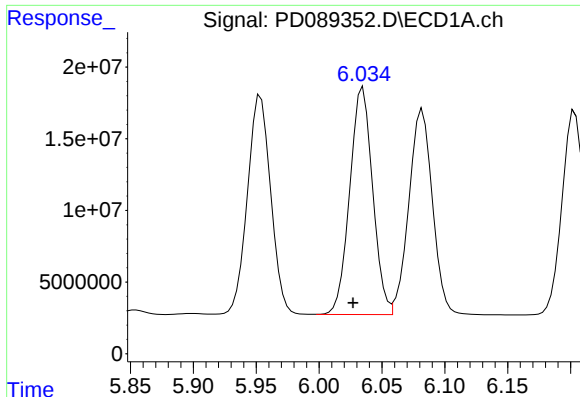
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.008 min
Response: 196899876
Conc: 41.12 ng/ml



#10 gamma-Chlordane

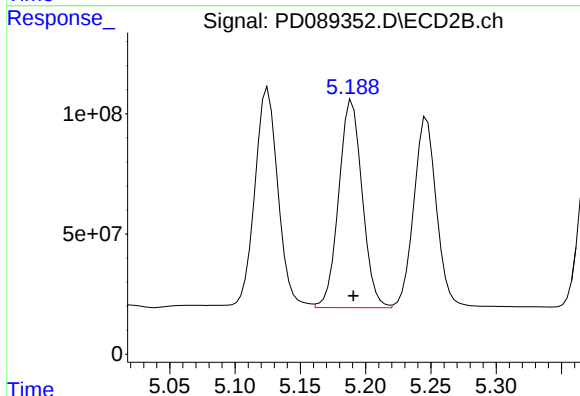
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 1141540324
Conc: 47.72 ng/ml



#11 alpha-Chlordane

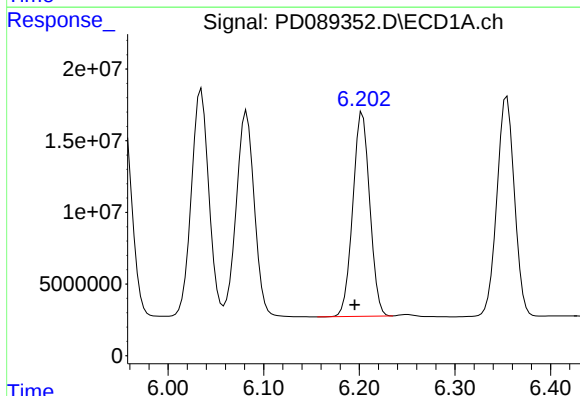
R.T.: 6.035 min
Delta R.T.: 0.008 min
Response: 201051940
Conc: 41.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-11MSD



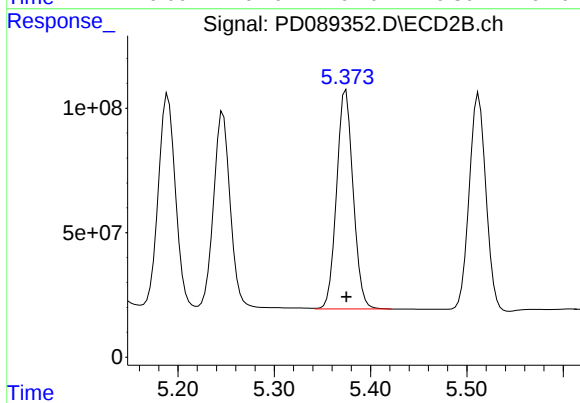
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.001 min
Response: 1079784628
Conc: 47.16 ng/ml



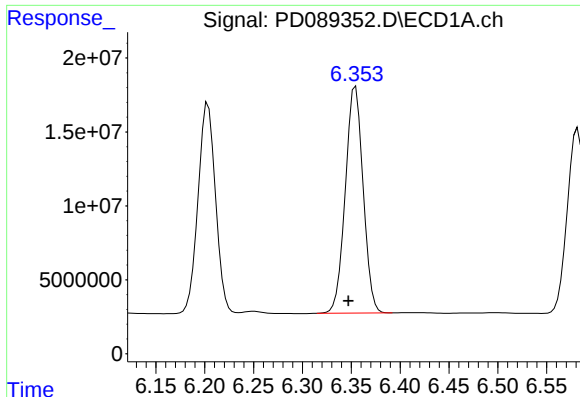
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.008 min
Response: 176030653
Conc: 40.36 ng/ml



#12 4,4'-DDE

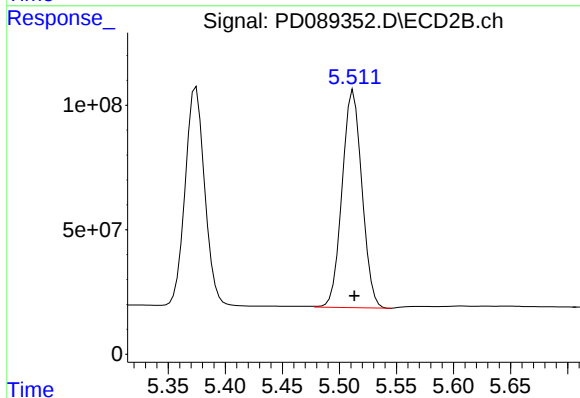
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 1048667232
Conc: 45.76 ng/ml



#13 Dieldrin

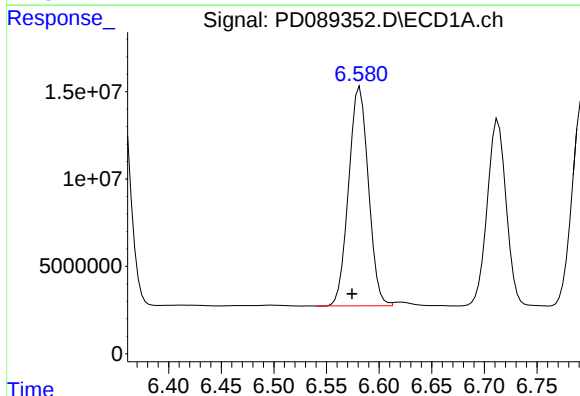
R.T.: 6.354 min
Delta R.T.: 0.008 min
Response: 194542448
Conc: 40.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-11MSD



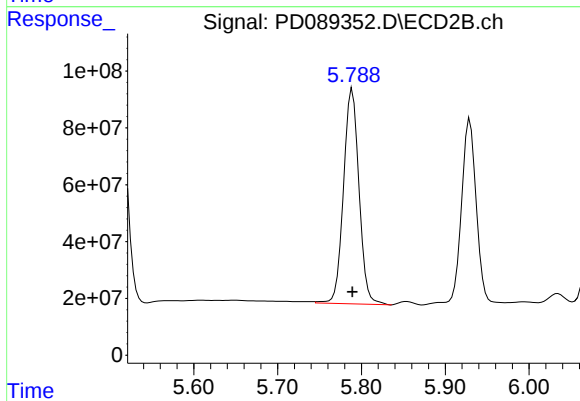
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 1057266974
Conc: 45.56 ng/ml



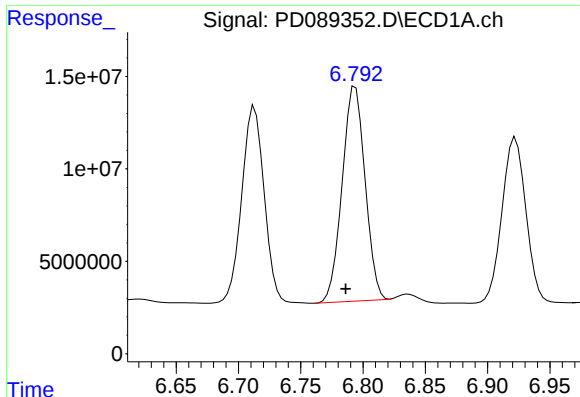
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.007 min
Response: 164203985
Conc: 39.80 ng/ml



#14 Endrin

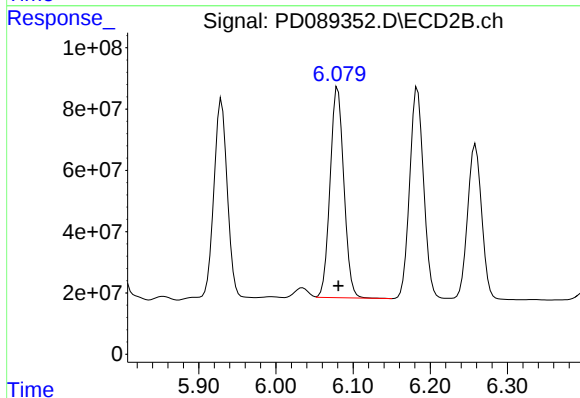
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 976010483
Conc: 44.95 ng/ml



#15 Endosulfan II

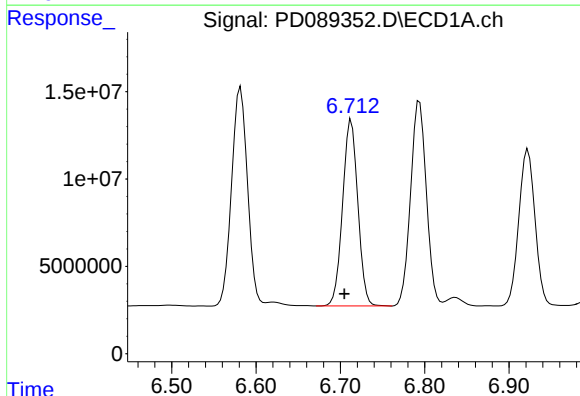
R.T.: 6.794 min
Delta R.T.: 0.008 min
Response: 149146360
Conc: 36.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-11MSD



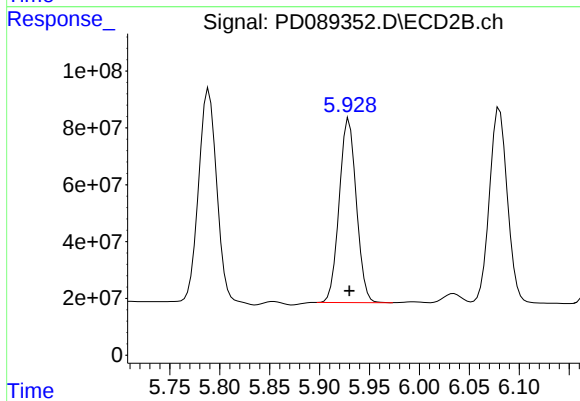
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 855495223
Conc: 42.36 ng/ml



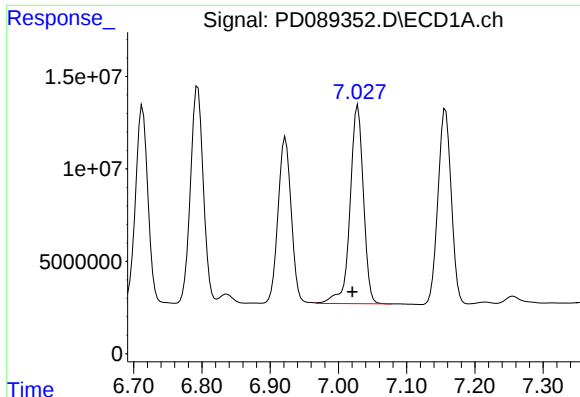
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.008 min
Response: 133914997
Conc: 39.02 ng/ml



#16 4,4'-DDD

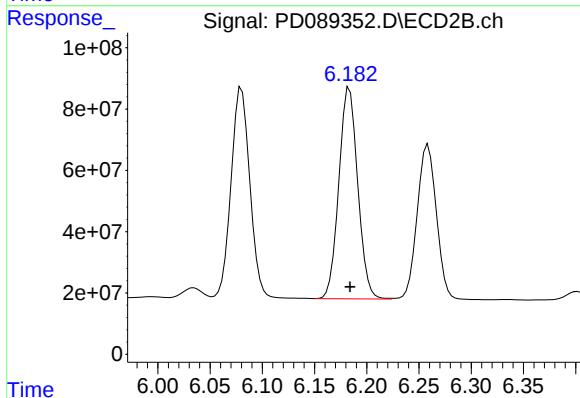
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 772940924
Conc: 40.41 ng/ml



#17 4,4'-DDT

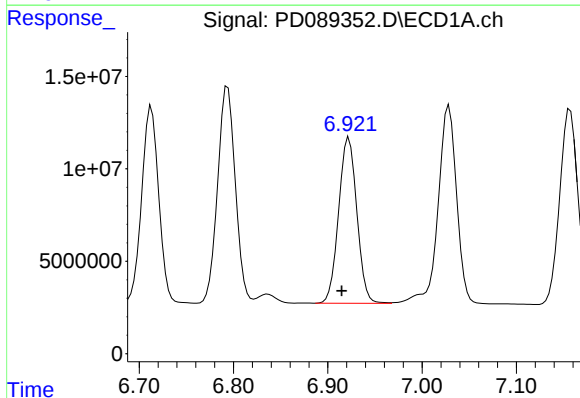
R.T.: 7.029 min
Delta R.T.: 0.008 min
Response: 145952722
Conc: 38.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-11MSD



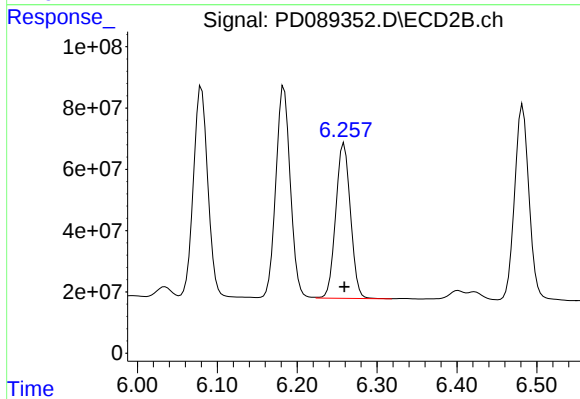
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 867178810
Conc: 42.76 ng/ml



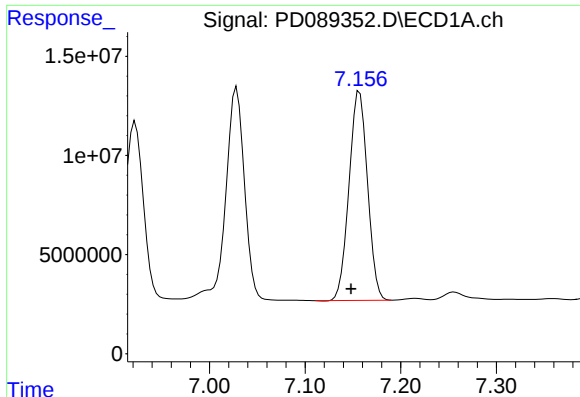
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.008 min
Response: 120516334
Conc: 39.33 ng/ml



#18 Endrin aldehyde

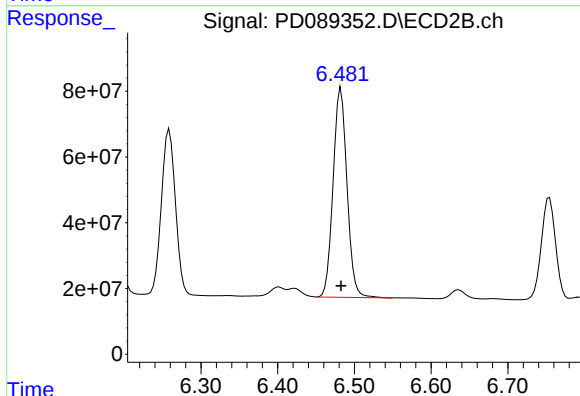
R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 649327802
Conc: 42.41 ng/ml



#19 Endosulfan Sulfate

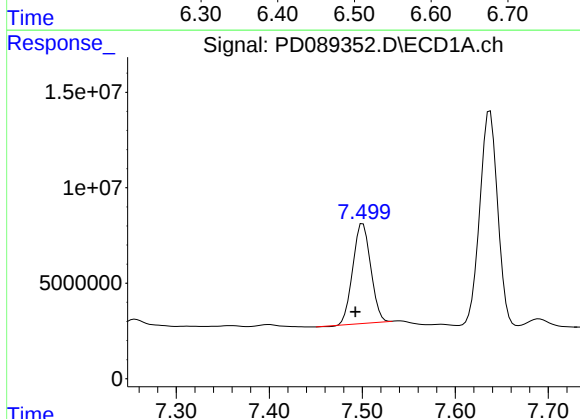
R.T.: 7.157 min
Delta R.T.: 0.009 min
Response: 142252520
Conc: 37.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-11MSD



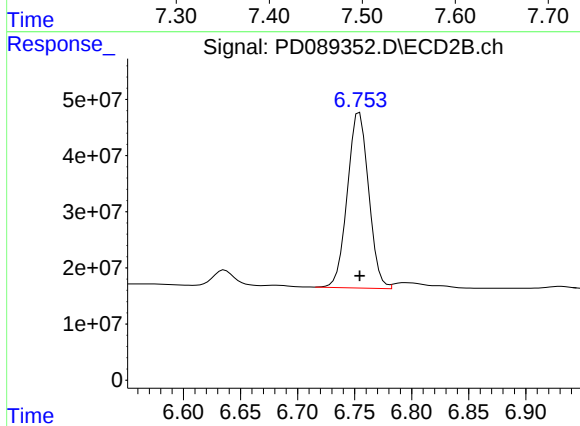
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 801762569
Conc: 40.86 ng/ml



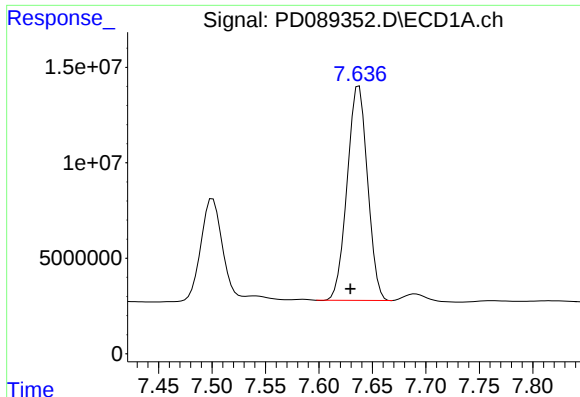
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.008 min
Response: 69761787
Conc: 34.52 ng/ml



#20 Methoxychlor

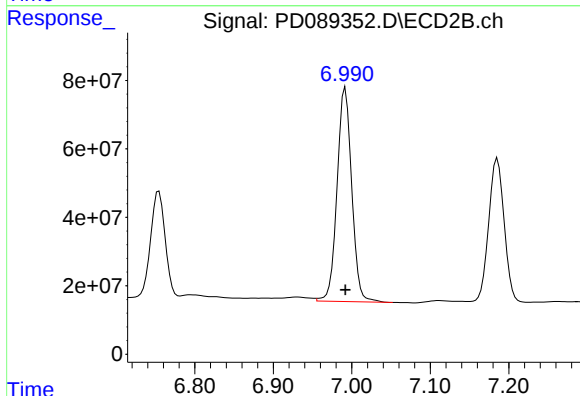
R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 405493111
Conc: 37.66 ng/ml



#21 Endrin ketone

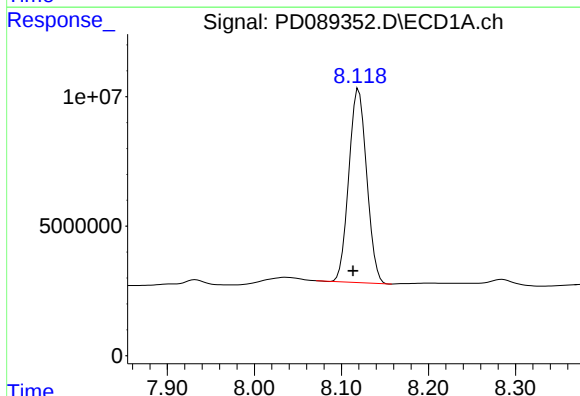
R.T.: 7.638 min
Delta R.T.: 0.008 min
Response: 149260704
Conc: 36.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-11MSD



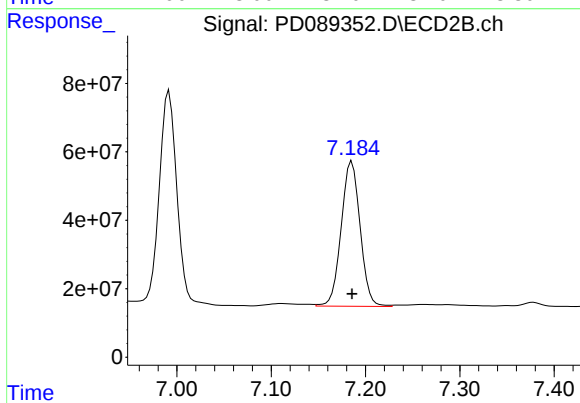
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 811241723
Conc: 37.55 ng/ml



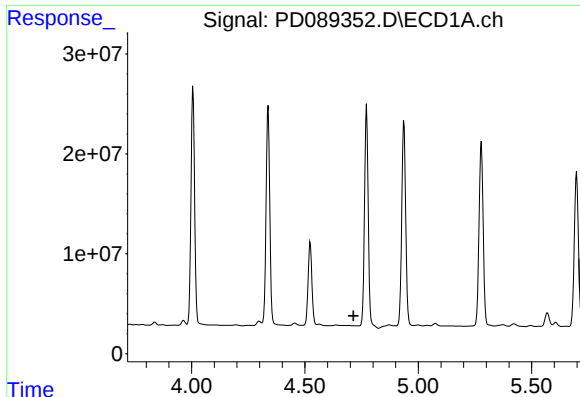
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.006 min
Response: 106673674
Conc: 35.09 ng/ml



#22 Mirex

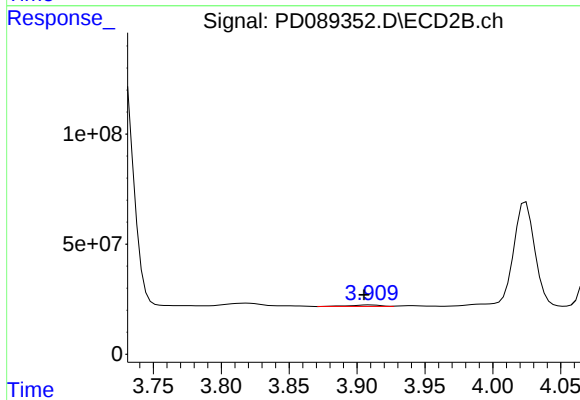
R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 592886078
Conc: 35.55 ng/ml



#23 Chlordane-1

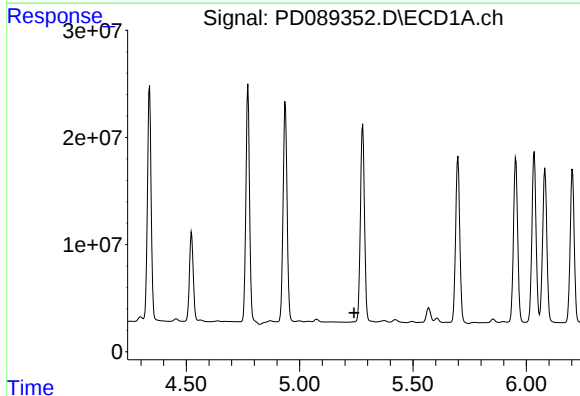
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
WC-11MSD



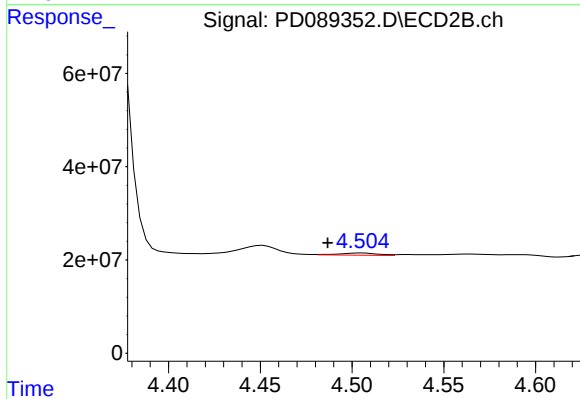
#23 Chlordane-1

R.T.: 3.910 min
Delta R.T.: 0.005 min
Response: 11423708
Conc: 12.25 ng/ml



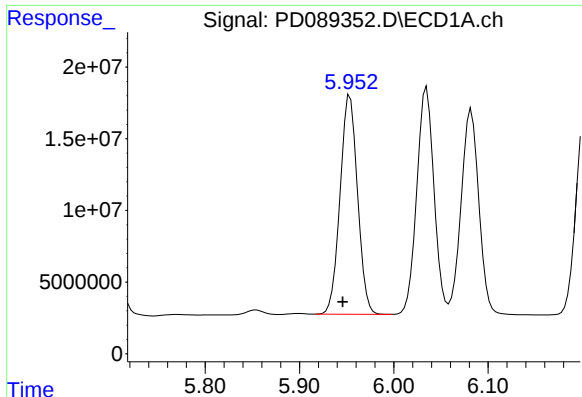
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.241 min
Response: 0
Conc: N.D.



#24 Chlordane-2

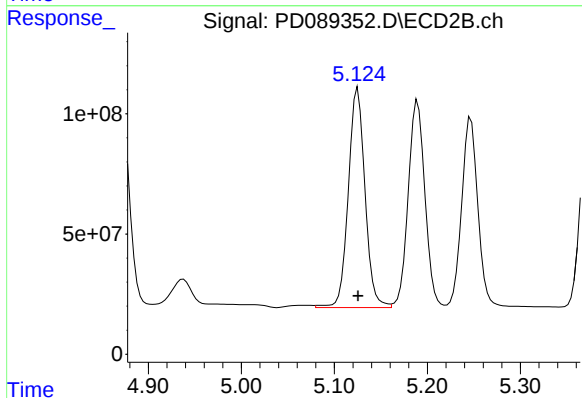
R.T.: 4.505 min
Delta R.T.: 0.018 min
Response: 6670099
Conc: 7.01 ng/ml



#25 Chlordane-3

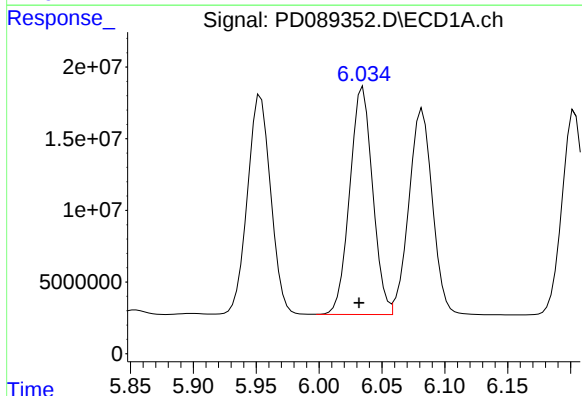
R.T.: 5.954 min
Delta R.T.: 0.008 min
Response: 196899876
Conc: 228.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-11MSD



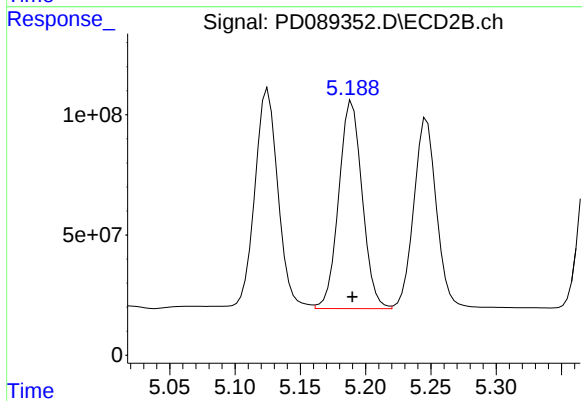
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 1141540324
Conc: 384.33 ng/ml



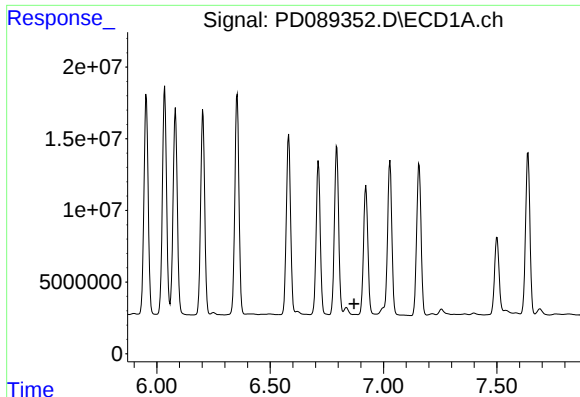
#26 Chlordane-4

R.T.: 6.035 min
Delta R.T.: 0.003 min
Response: 201051940
Conc: 191.35 ng/ml



#26 Chlordane-4

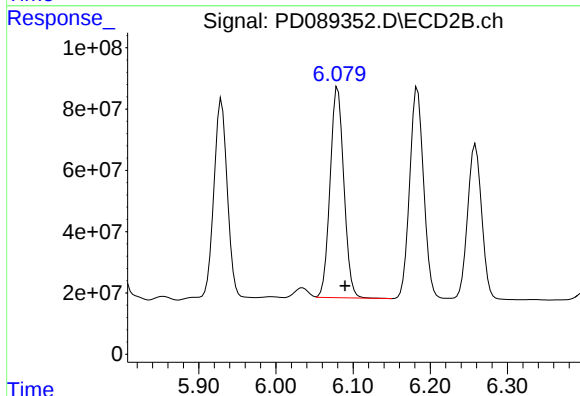
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 1079784628
Conc: 430.76 ng/ml



#27 Chlordane-5

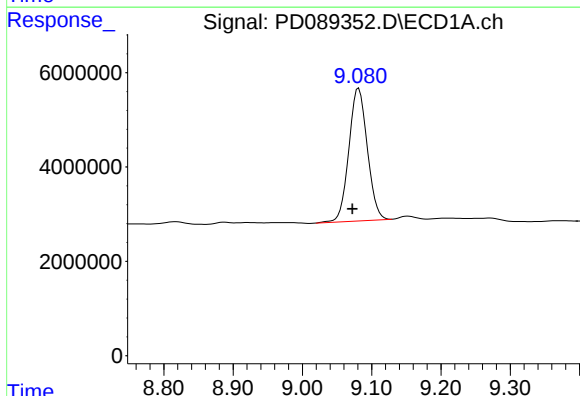
R.T.: 0.000 min
Exp R.T.: 6.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
WC-11MSD



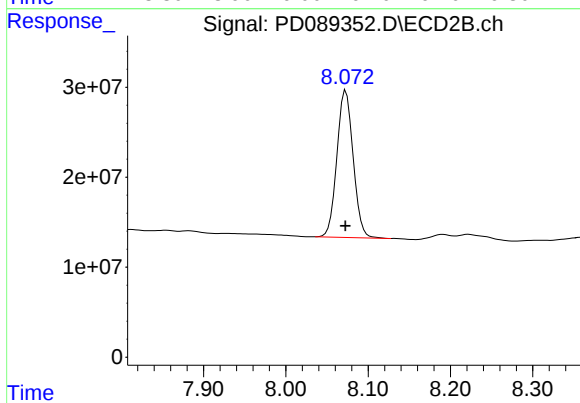
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 855495223
Conc: 755.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: 0.009 min
Response: 52121621
Conc: 13.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 224508291
Conc: 11.36 ng/ml