

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
 Data File : PD090960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2025 09:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 00:11:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	68088528	671.3E6	21.864	22.544
28)	SA Decachlor...	9.064	8.059	96941133	647.8E6	20.723	21.387
Target Compounds							
2)	A alpha-BHC	3.993	3.386	67062252	562.6E6	9.344	11.011
3)	MA gamma-BHC...	4.324	3.722	64959730	522.4E6	9.555	11.056
4)	MA Heptachlor	4.943f	4.068	982281	2366482	0.176	0.053 #
5)	MB Aldrin	0.000	4.358	0	2654530	N.D.	0.057 #
6)	B beta-BHC	4.511	4.017	27570777	223.3E6	10.525	11.261
7)	B delta-BHC	4.769	4.257	1635244	1349979	0.242	0.028 #
8)	B Heptachlo...	0.000	4.845f	0	229732	N.D.	0.005 #
9)	A Endosulfan I	0.000	5.223	0	1939101	N.D.	0.049 #
10)	B gamma-Chl...	0.000	5.114	0	2597222	N.D.	0.058 #
11)	B alpha-Chl...	5.995f	5.174	7411370	1481427	1.199	0.034 #
12)	B 4,4'-DDE	6.189	5.366	437024	5200020	0.082	0.119 #
13)	MA Dieldrin	6.361f	5.505	172633	1943106	0.030	0.044 #
14)	MA Endrin	6.567	5.778	253.8E6	2045.9E6	51.243	50.523
15)	B Endosulfa...	6.796f	6.075	2893798	5757148	0.579	0.153 #
16)	A 4,4'-DDD	6.698	5.919	11278601	112.2E6	2.782	3.080
17)	MA 4,4'-DDT	7.014	6.171	437.2E6	3720.8E6	106.364	106.087
18)	B Endrin al...	6.910	6.245	1654201	28952421	0.452	1.045 #
19)	B Endosulfa...	0.000	6.468	0	516437	N.D.	0.014 #
20)	A Methoxychlor	7.487	6.742	520.5E6	3689.0E6	244.885	211.673
21)	B Endrin ke...	7.624	6.980	5279460	41134711	1.087	1.091
22)	Mirex	0.000	7.164	0	10288087	N.D.	0.400 #
23)	Chlordane-1	0.000	3.882	0	816461	N.D.	0.655 #
24)	Chlordane-2	0.000	4.483	0	2283747	N.D.	1.751 #
25)	Chlordane-3	0.000	5.114	0	2597222	N.D.	0.667 #
26)	Chlordane-4	0.000	5.174	0	1481427	N.D.	0.443 #
27)	Chlordane-5	6.869	6.075	226278	5757148	1.506	3.900 #

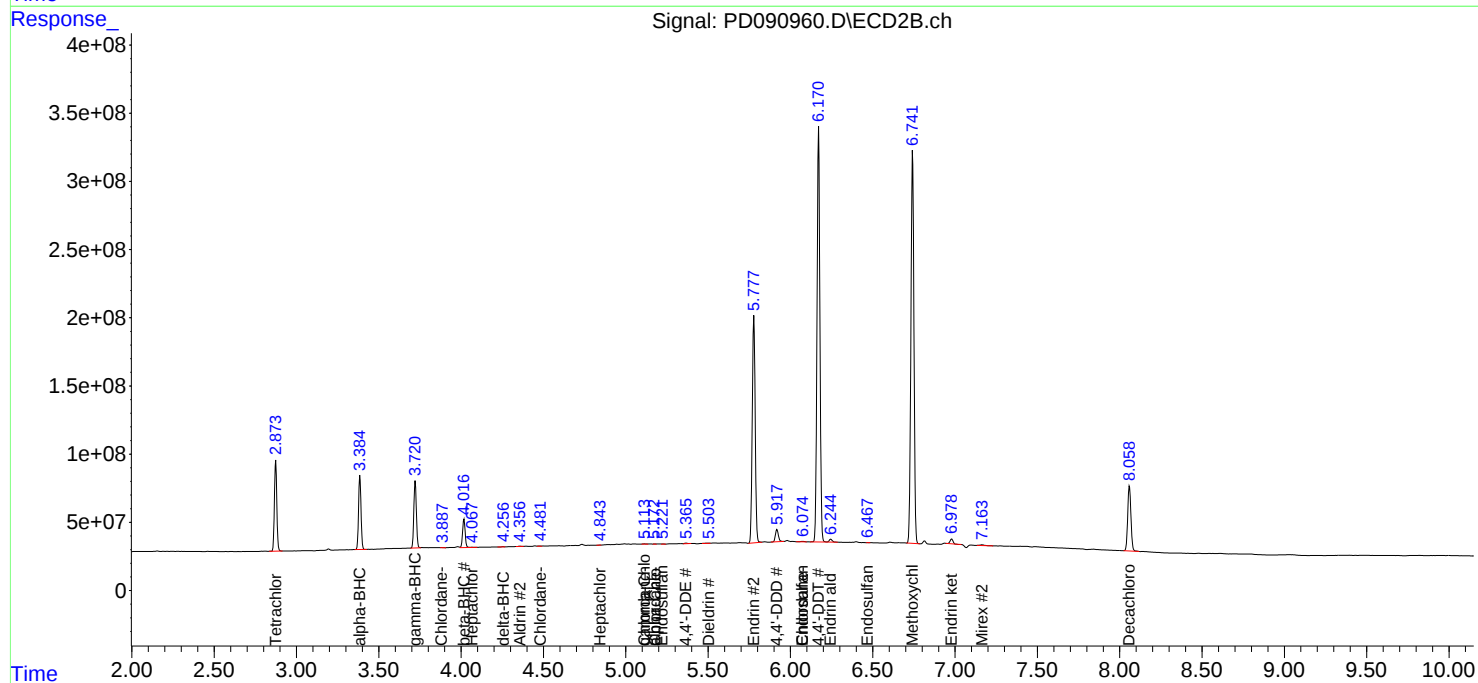
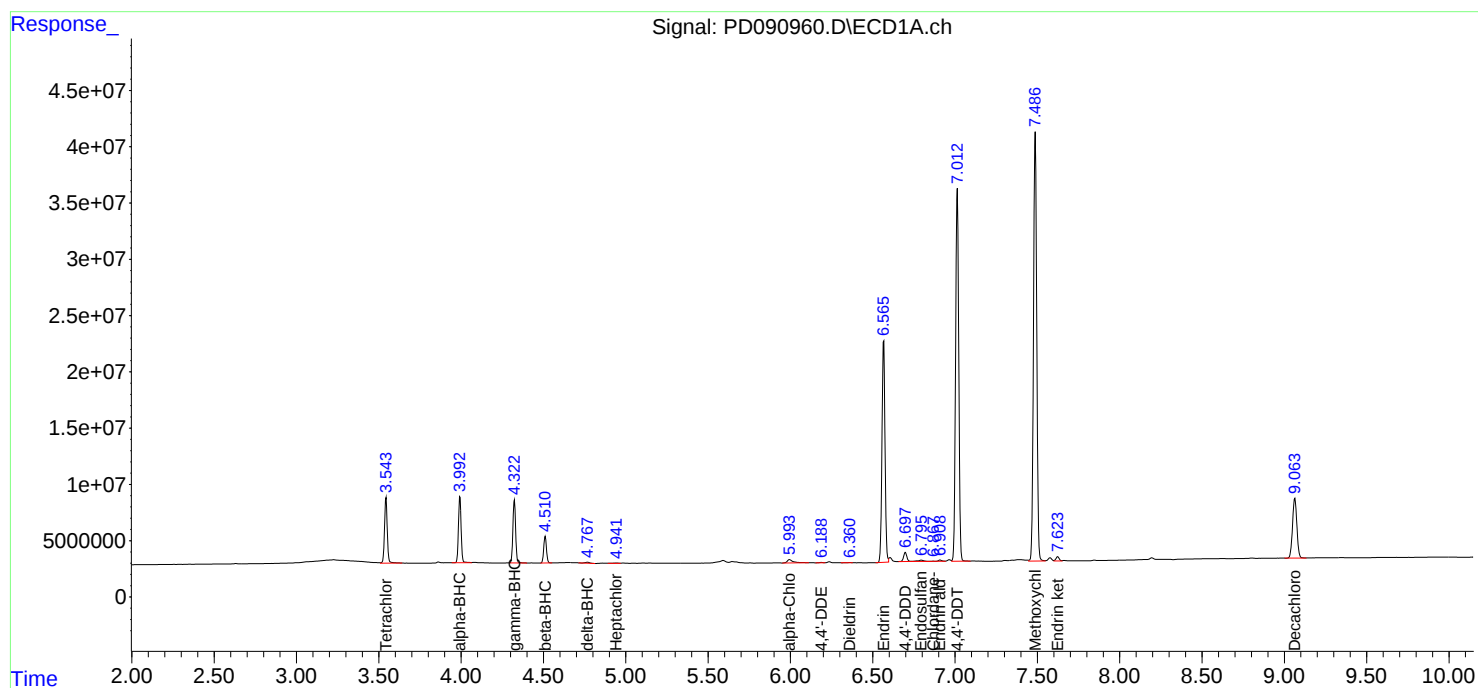
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

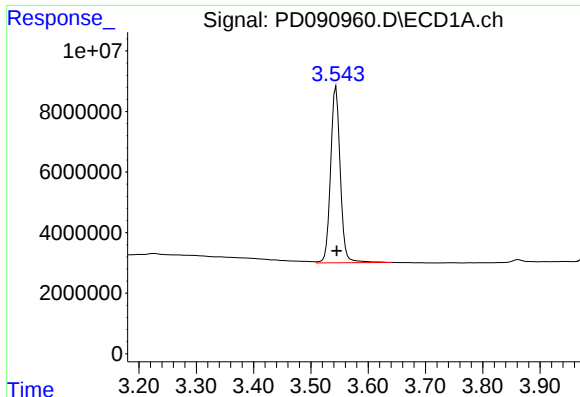
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 09:34
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:11:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
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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

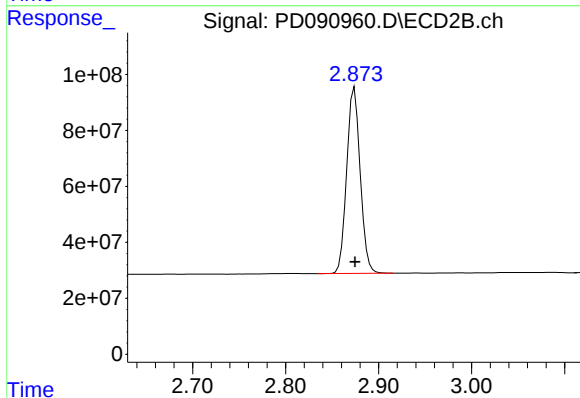




#1 Tetrachloro-m-xylene

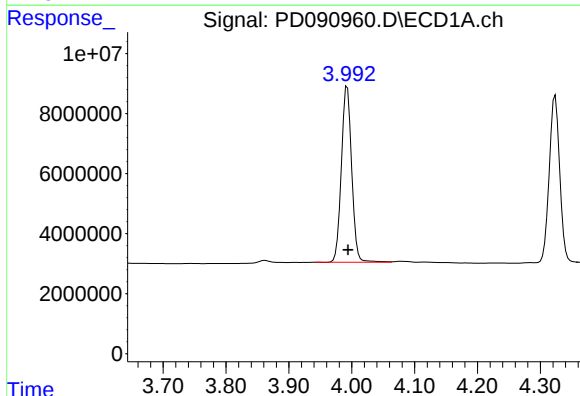
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 68088528
Conc: 21.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



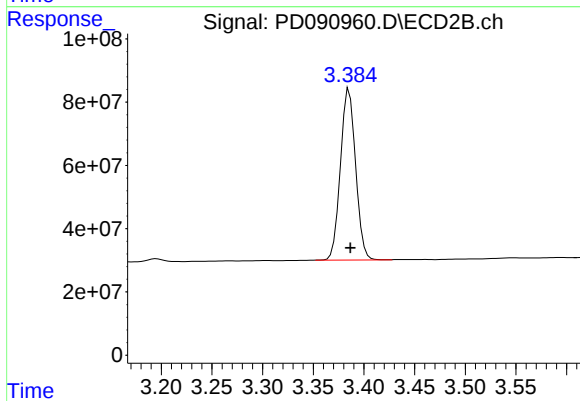
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 671296563
Conc: 22.54 ng/ml



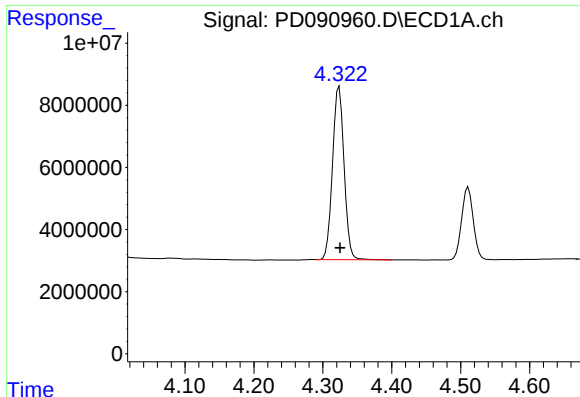
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 67062252
Conc: 9.34 ng/ml



#2 alpha-BHC

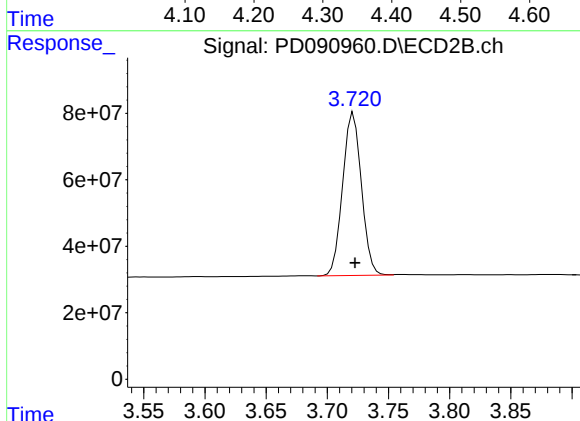
R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 562635703
Conc: 11.01 ng/ml



#3 gamma-BHC (Lindane)

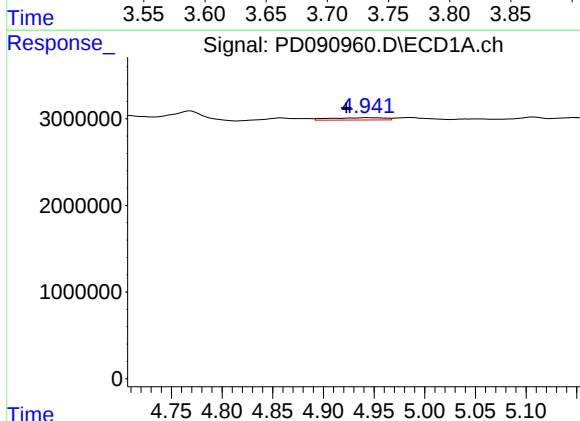
R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 64959730
Conc: 9.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



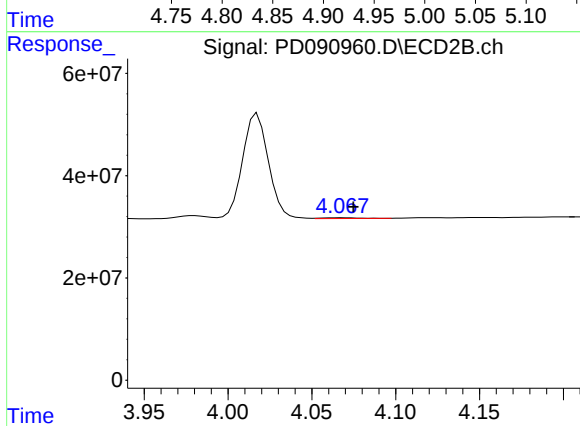
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.001 min
Response: 522385599
Conc: 11.06 ng/ml



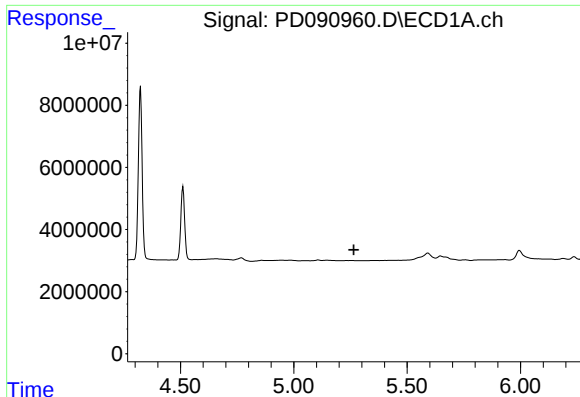
#4 Heptachlor

R.T.: 4.943 min
Delta R.T.: 0.020 min
Response: 982281
Conc: 0.18 ng/ml



#4 Heptachlor

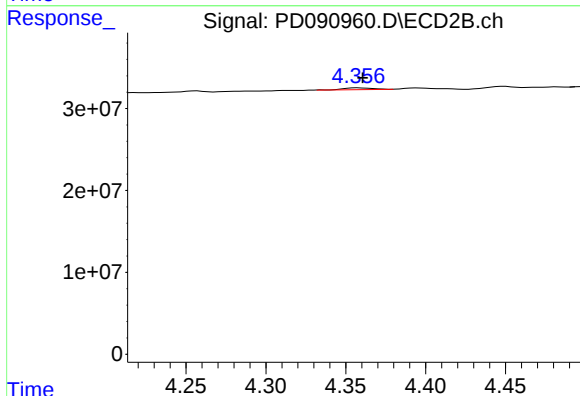
R.T.: 4.068 min
Delta R.T.: -0.007 min
Response: 2366482
Conc: 0.05 ng/ml



#5 Aldrin

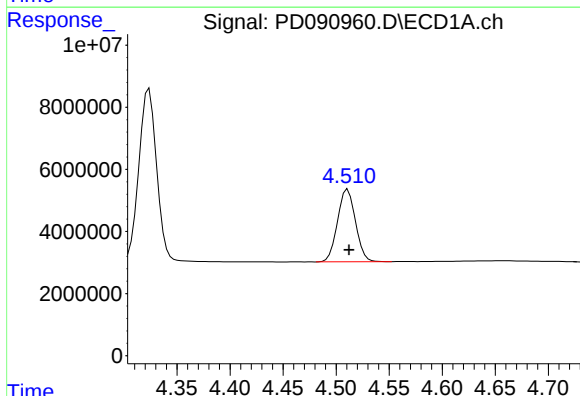
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



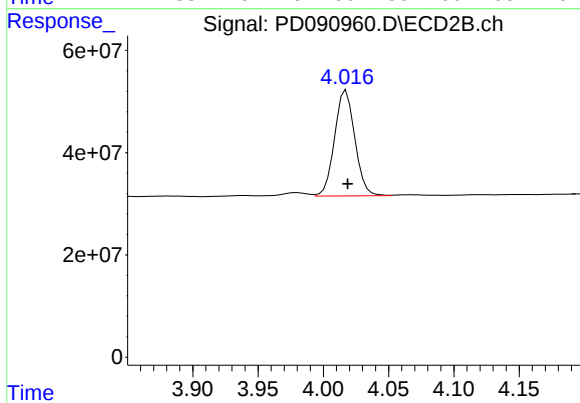
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.003 min
Response: 2654530
Conc: 0.06 ng/ml



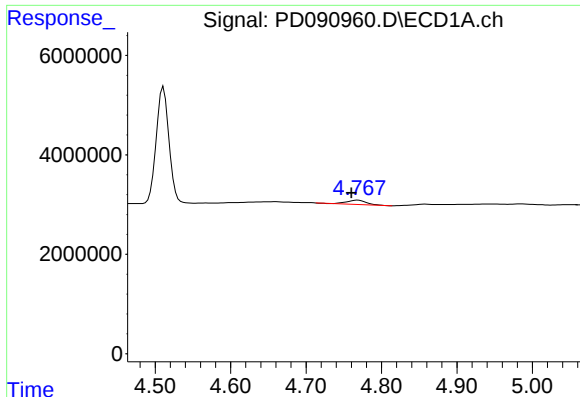
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 27570777
Conc: 10.52 ng/ml



#6 beta-BHC

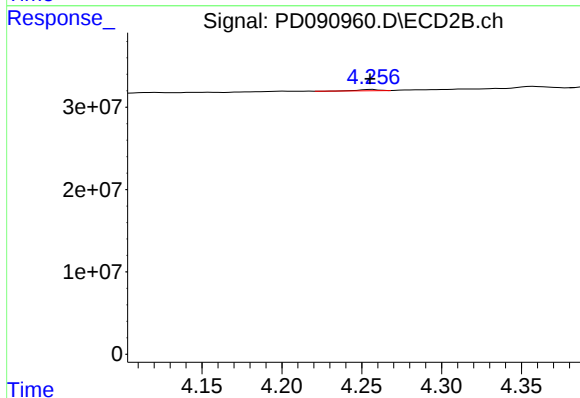
R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 223303060
Conc: 11.26 ng/ml



#7 delta-BHC

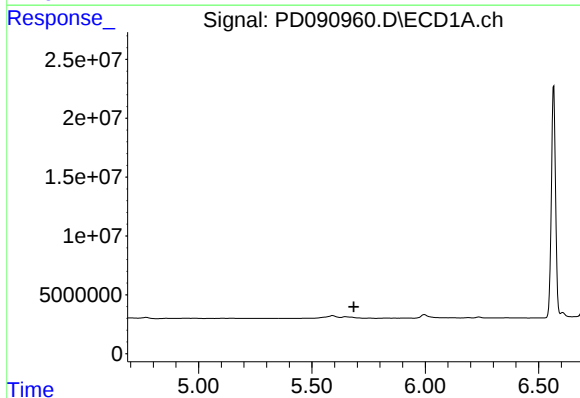
R.T.: 4.769 min
Delta R.T.: 0.008 min
Response: 1635244
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



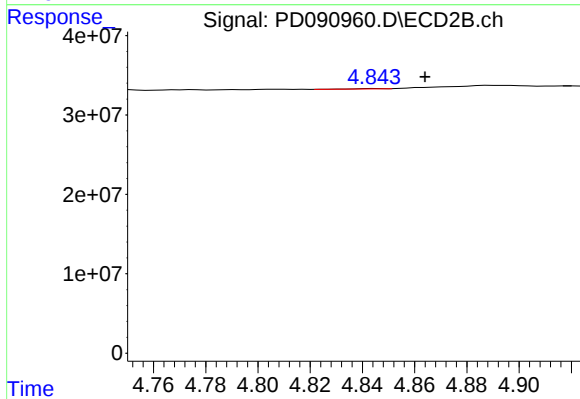
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.001 min
Response: 1349979
Conc: 0.03 ng/ml



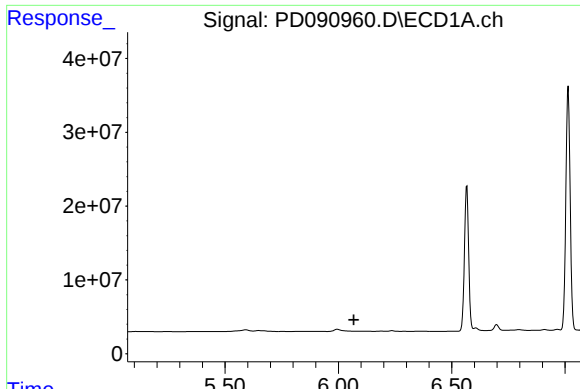
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

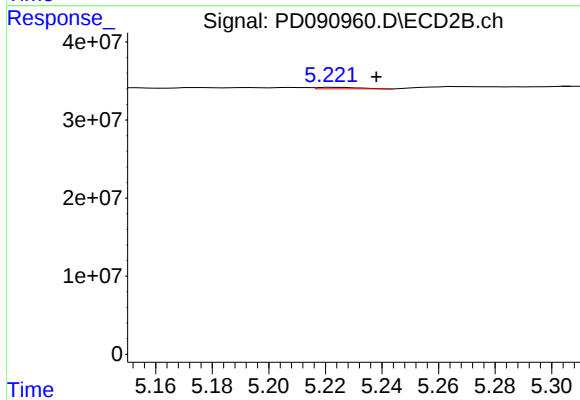
R.T.: 4.845 min
Delta R.T.: -0.019 min
Response: 229732
Conc: 0.01 ng/ml



#9 Endosulfan I

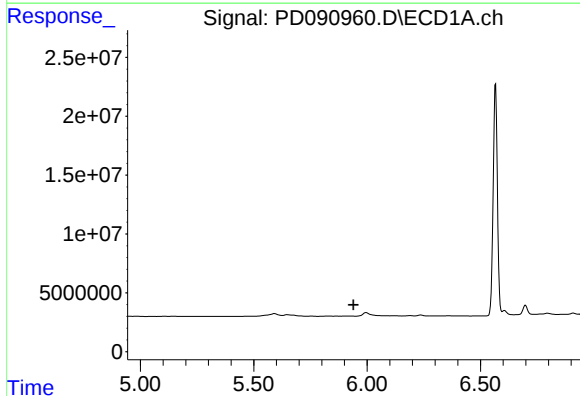
R.T.: 0.000 min
Exp R.T.: 6.068 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



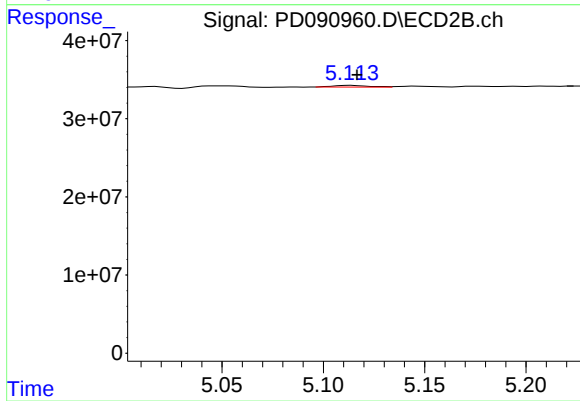
#9 Endosulfan I

R.T.: 5.223 min
Delta R.T.: -0.015 min
Response: 1939101
Conc: 0.05 ng/ml



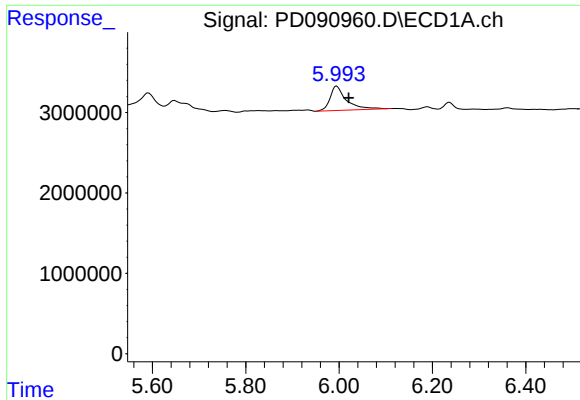
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.940 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

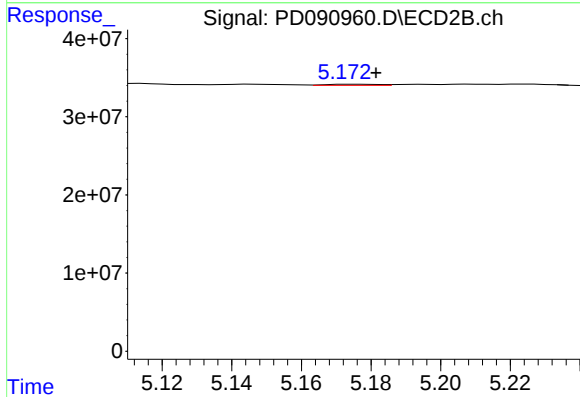
R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 2597222
Conc: 0.06 ng/ml



#11 alpha-Chlordane

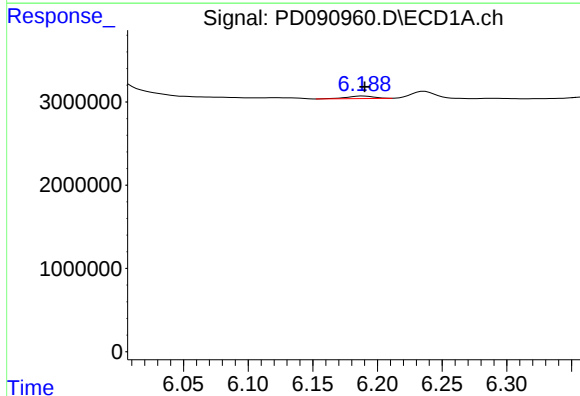
R.T.: 5.995 min
Delta R.T.: -0.026 min
Response: 7411370
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



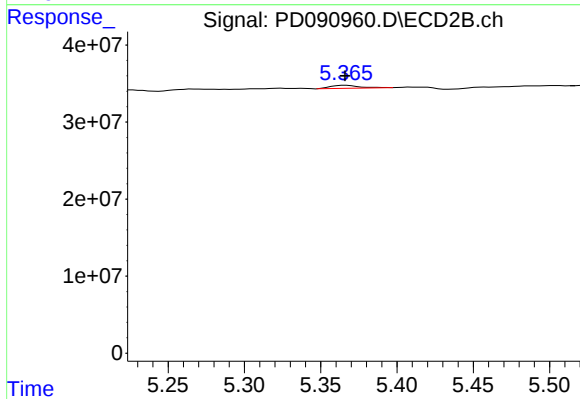
#11 alpha-Chlordane

R.T.: 5.174 min
Delta R.T.: -0.008 min
Response: 1481427
Conc: 0.03 ng/ml



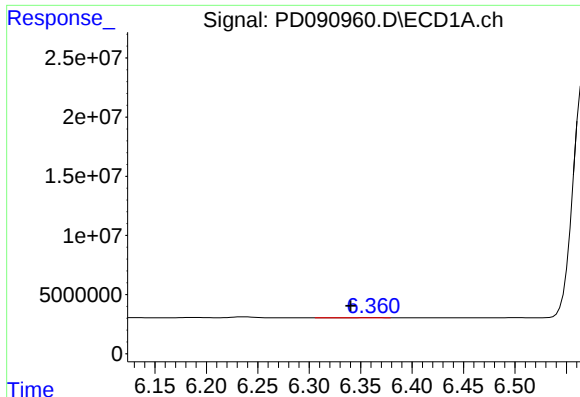
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 437024
Conc: 0.08 ng/ml



#12 4,4'-DDE

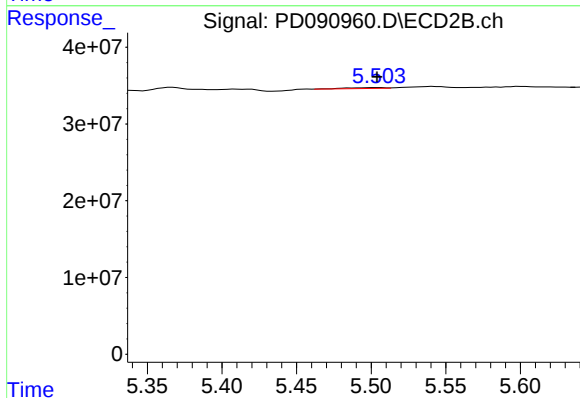
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 5200020
Conc: 0.12 ng/ml



#13 Dieldrin

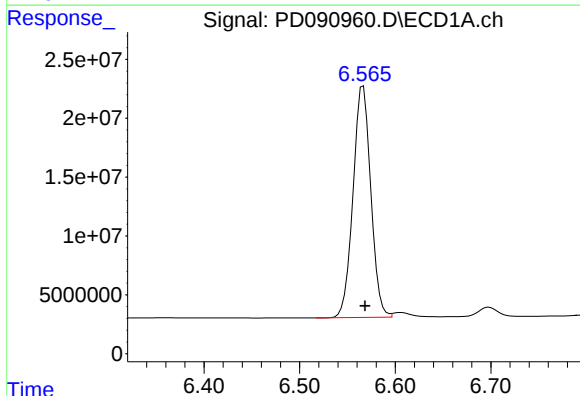
R.T.: 6.361 min
Delta R.T.: 0.021 min
Response: 172633
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



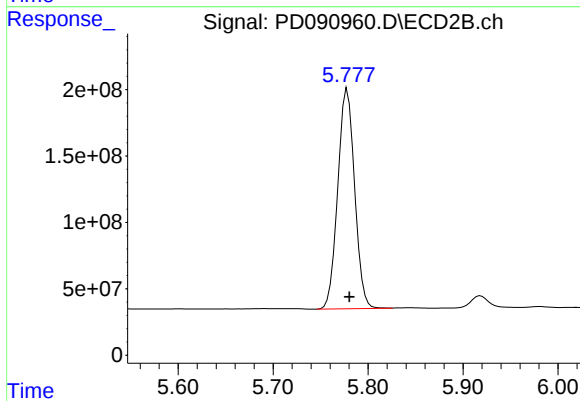
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.001 min
Response: 1943106
Conc: 0.04 ng/ml



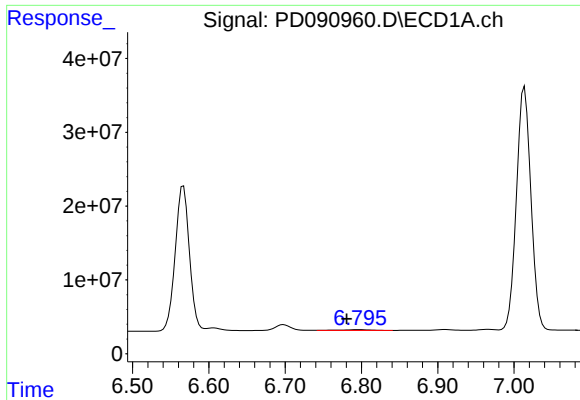
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 253842480
Conc: 51.24 ng/ml



#14 Endrin

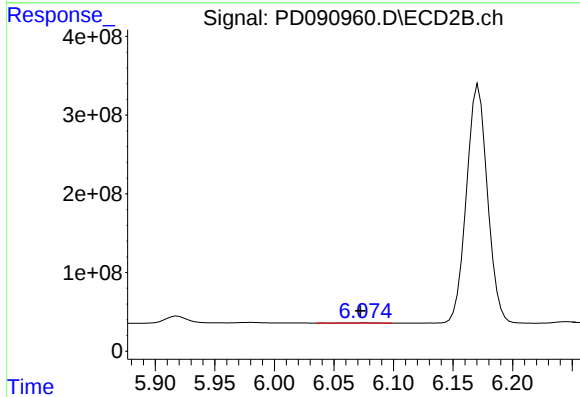
R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 2045856758
Conc: 50.52 ng/ml



#15 Endosulfan II

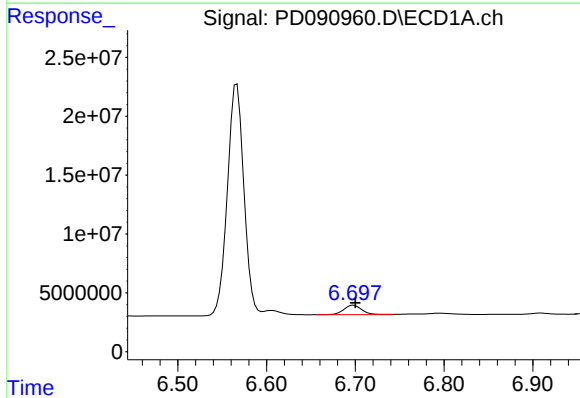
R.T.: 6.796 min
Delta R.T.: 0.015 min
Response: 2893798
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



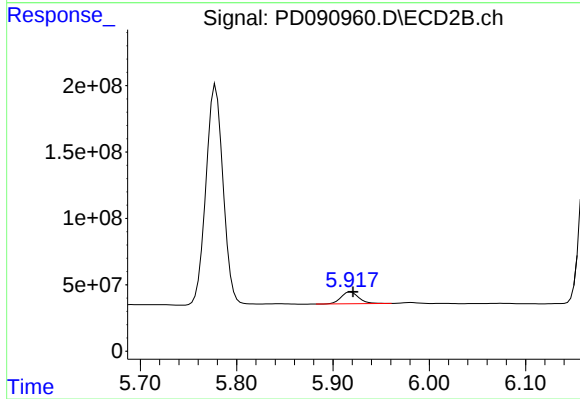
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.003 min
Response: 5757148
Conc: 0.15 ng/ml



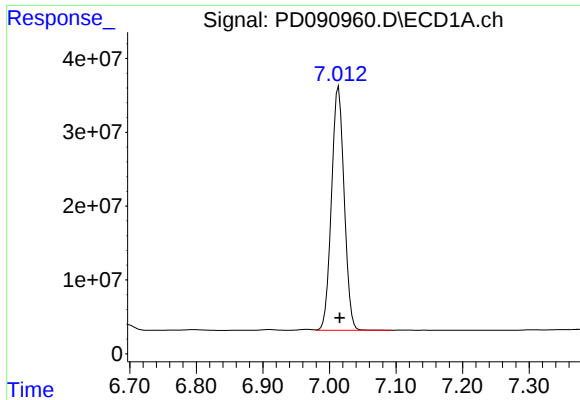
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 11278601
Conc: 2.78 ng/ml



#16 4,4'-DDD

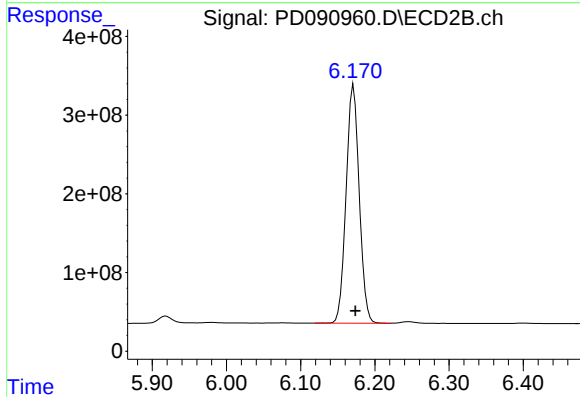
R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 112241271
Conc: 3.08 ng/ml



#17 4,4'-DDT

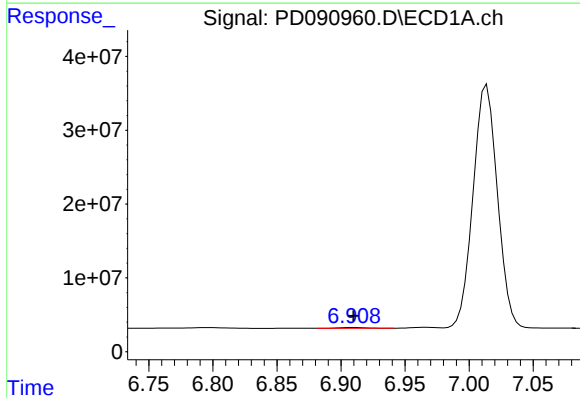
R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 437206868
Conc: 106.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



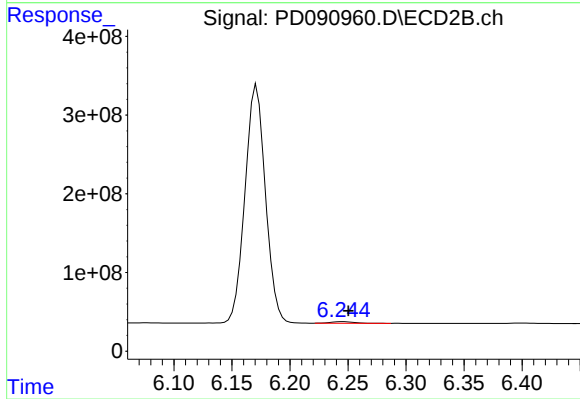
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 3720789661
Conc: 106.09 ng/ml



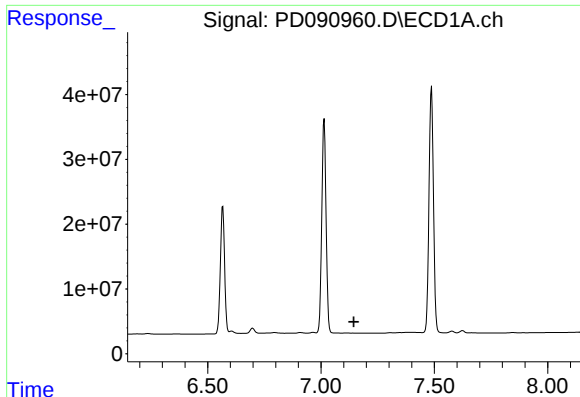
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 1654201
Conc: 0.45 ng/ml



#18 Endrin aldehyde

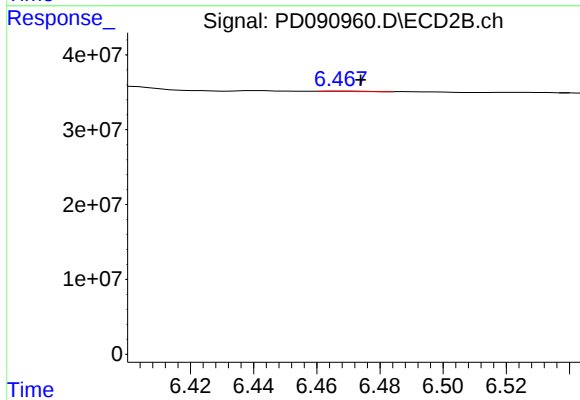
R.T.: 6.245 min
Delta R.T.: -0.005 min
Response: 28952421
Conc: 1.05 ng/ml



#19 Endosulfan Sulfate

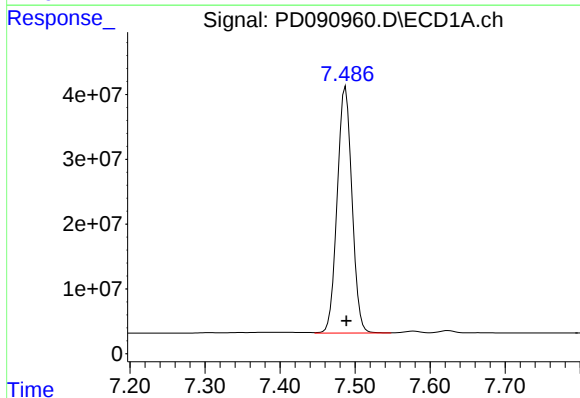
R.T.: 0.000 min
Exp R.T.: 7.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



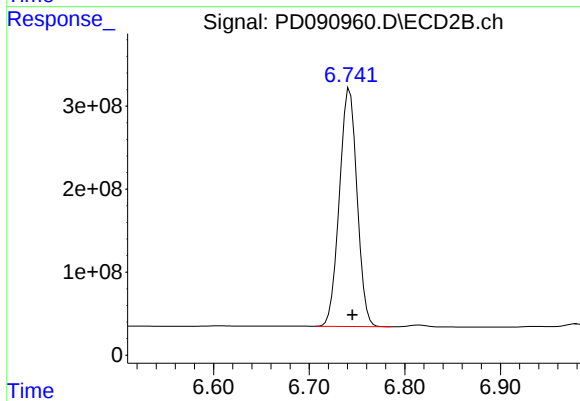
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: -0.006 min
Response: 516437
Conc: 0.01 ng/ml



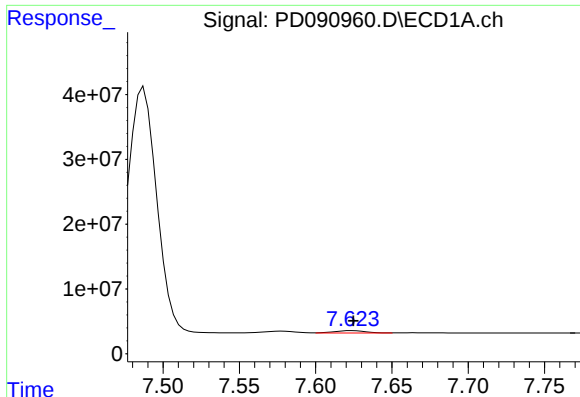
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 520523244
Conc: 244.88 ng/ml



#20 Methoxychlor

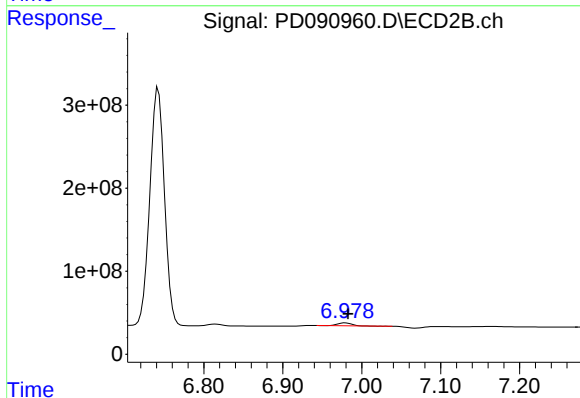
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 3688991084
Conc: 211.67 ng/ml



#21 Endrin ketone

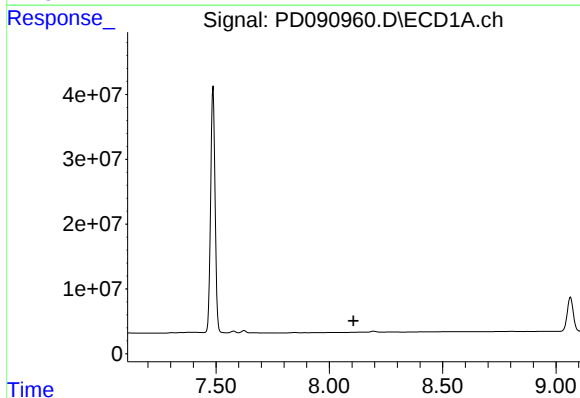
R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 5279460
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



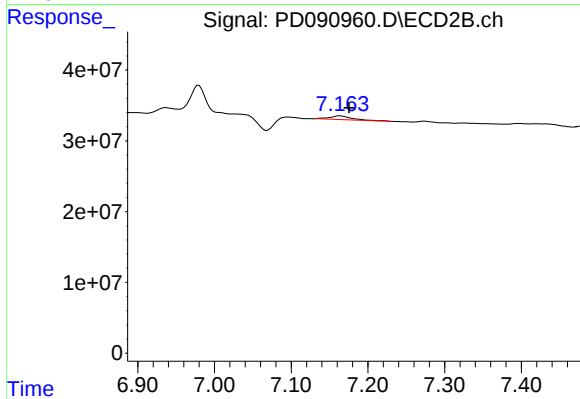
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 41134711
Conc: 1.09 ng/ml



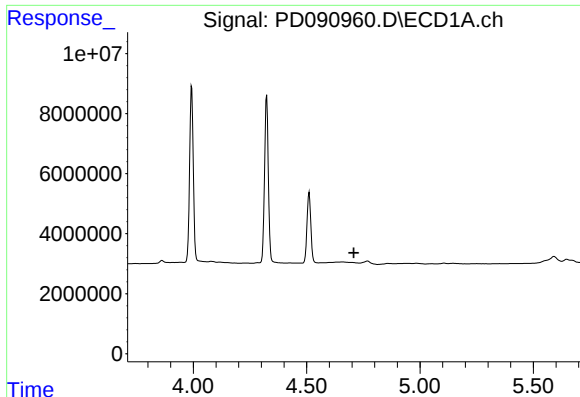
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.107 min
Response: 0
Conc: N.D.



#22 Mirex

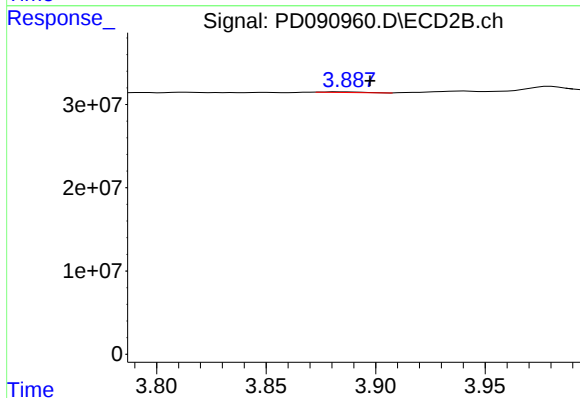
R.T.: 7.164 min
Delta R.T.: -0.011 min
Response: 10288087
Conc: 0.40 ng/ml



#23 Chlordane-1

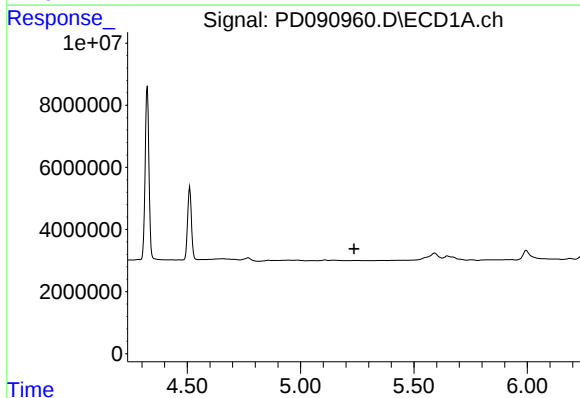
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



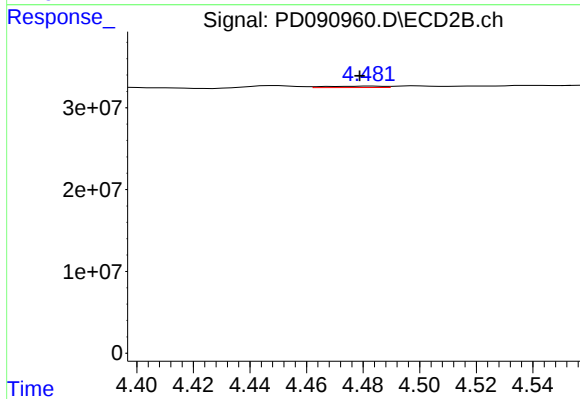
#23 Chlordane-1

R.T.: 3.882 min
Delta R.T.: -0.015 min
Response: 816461
Conc: 0.66 ng/ml



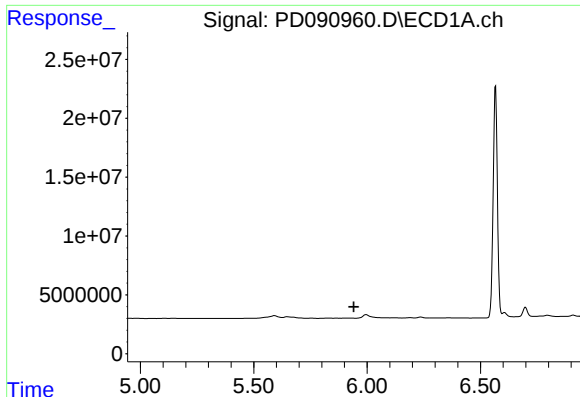
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.236 min
Response: 0
Conc: N.D.



#24 Chlordane-2

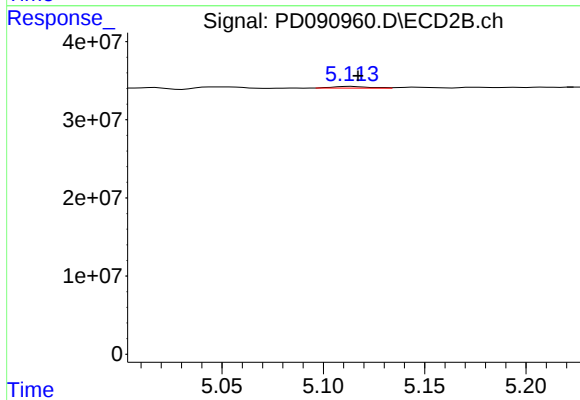
R.T.: 4.483 min
Delta R.T.: 0.004 min
Response: 2283747
Conc: 1.75 ng/ml



#25 Chlordane-3

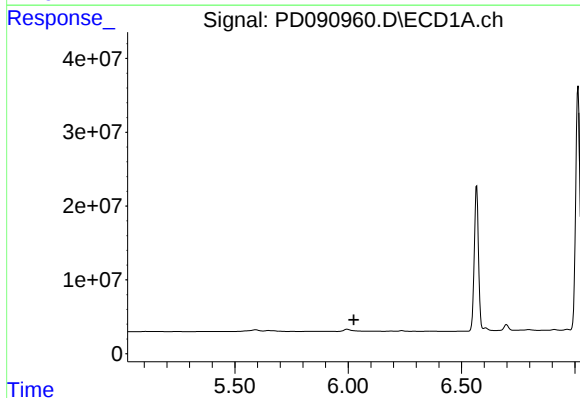
R.T.: 0.000 min
Exp R.T.: 5.941 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



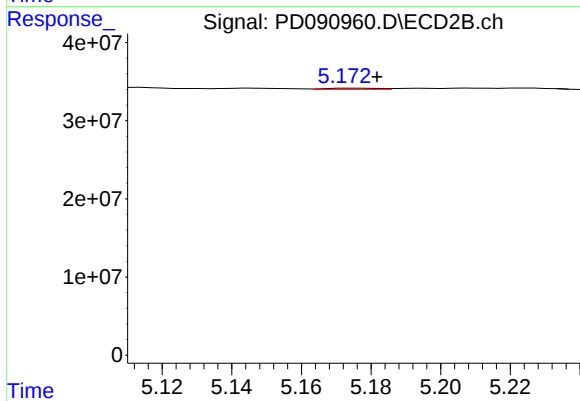
#25 Chlordane-3

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 2597222
Conc: 0.67 ng/ml



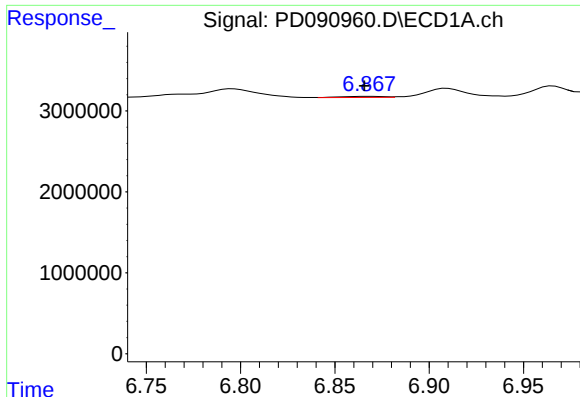
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.025 min
Response: 0
Conc: N.D.



#26 Chlordane-4

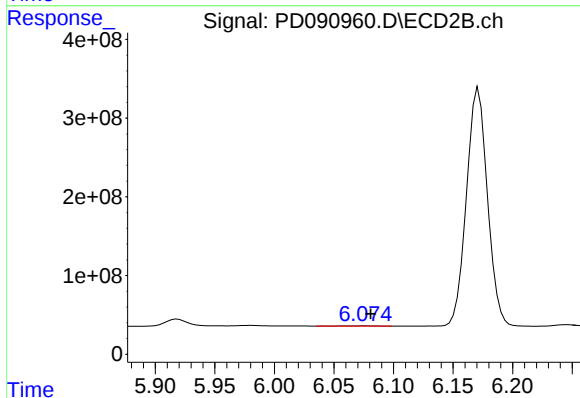
R.T.: 5.174 min
Delta R.T.: -0.008 min
Response: 1481427
Conc: 0.44 ng/ml



#27 Chlordane-5

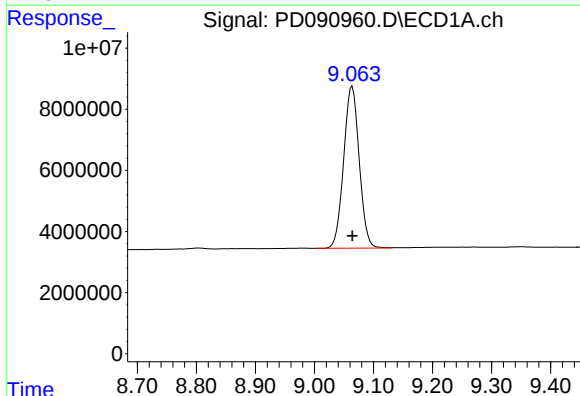
R.T.: 6.869 min
Delta R.T.: 0.003 min
Response: 226278
Conc: 1.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



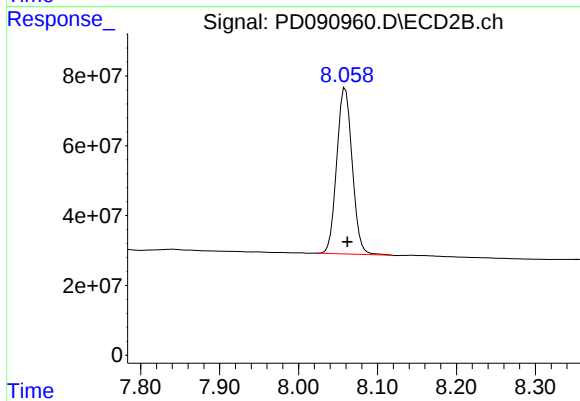
#27 Chlordane-5

R.T.: 6.075 min
Delta R.T.: -0.006 min
Response: 5757148
Conc: 3.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 96941133
Conc: 20.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 647832441
Conc: 21.39 ng/ml