

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070725\
 Data File : PD089357.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 16:27
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 02:25:50 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...	3.550	2.881	152.0E6	964.3E6	53.259	56.878
2)	SA Decachlor...	9.072	8.071	171.2E6	799.4E6	43.585	40.433
Target Compounds							
2)	A alpha-BHC	3.999	3.393	326.9E6	1541.7E6	56.083	57.533
3)	MA gamma-BHC...	4.330	3.729	308.9E6	1398.5E6	55.346	56.488
4)	MA Heptachlor	4.929	4.082	299.3E6	1415.7E6	54.903	56.540
5)	MB Aldrin	5.270	4.368	287.9E6	1381.5E6	54.181	57.047
6)	B beta-BHC	4.516	4.024	117.1E6	604.5E6	53.078	56.257
7)	B delta-BHC	4.764	4.261	298.8E6	1420.9E6	58.216	57.124
8)	B Heptachlo...	5.690	4.872	248.9E6	1357.8E6	51.603	62.003
9)	A Endosulfan I	6.073	5.246	229.6E6	1198.3E6	50.937	57.496
10)	B gamma-Chl...	5.945	5.124	248.2E6	1388.2E6	51.846	58.027
11)	B alpha-Chl...	6.026	5.189	245.9E6	1299.6E6	50.813	56.759
12)	B 4,4'-DDE	6.195	5.374	219.0E6	1264.8E6	50.224	55.191
13)	MA Dieldrin	6.346	5.512	239.9E6	1263.7E6	50.004	54.450
14)	MA Endrin	6.574	5.788	203.0E6	1144.9E6	49.205	52.729
15)	B Endosulfa...	6.785	6.079	200.5E6	1037.1E6	49.673	51.348
16)	A 4,4'-DDD	6.704	5.928	168.0E6	952.5E6	48.938	49.795
17)	MA 4,4'-DDT	7.020	6.183	178.3E6	1036.0E6	47.058	51.087
18)	B Endrin al...	6.914	6.257	144.7E6	767.9E6	47.240	50.156
19)	B Endosulfa...	7.149	6.481	180.2E6	986.9E6	46.966	50.297
20)	A Methoxychlor	7.492	6.753	88558845	509.5E6	43.827	47.315
21)	B Endrin ke...	7.629	6.990	185.7E6	1002.0E6	45.601	46.385
22)	Mirex	8.113	7.184	131.7E6	737.6E6	43.321	44.228
23)	Chlordane-1	0.000	3.942f	0	1031183	N.D.	1.106 #
24)	Chlordane-2	5.270f	4.506	287.9E6	31348762	1318.564	32.943 #
25)	Chlordane-3	5.945	5.124	248.2E6	1388.2E6	287.827	467.366 #
26)	Chlordane-4	6.026	5.189	245.9E6	1299.6E6	233.995	518.446 #
27)	Chlordane-5	0.000	6.079	0	1037.1E6	N.D.	916.404 #

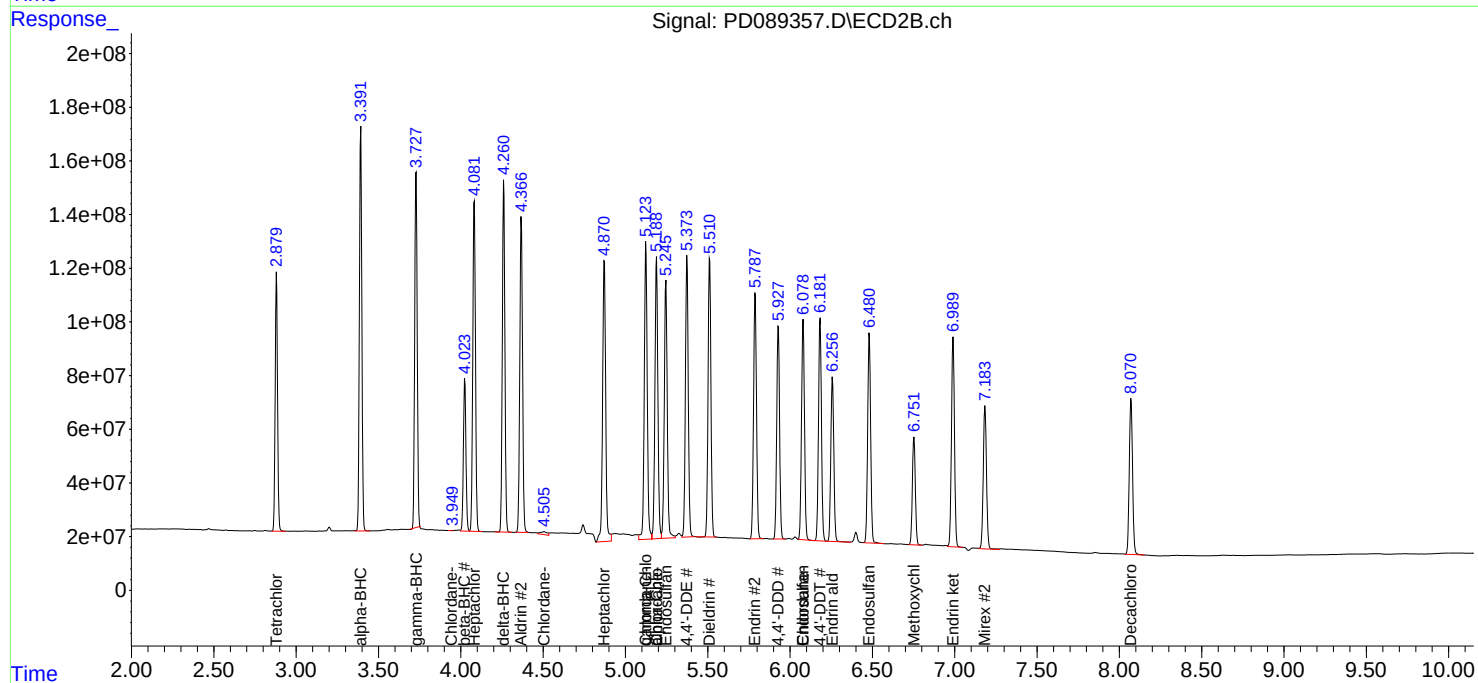
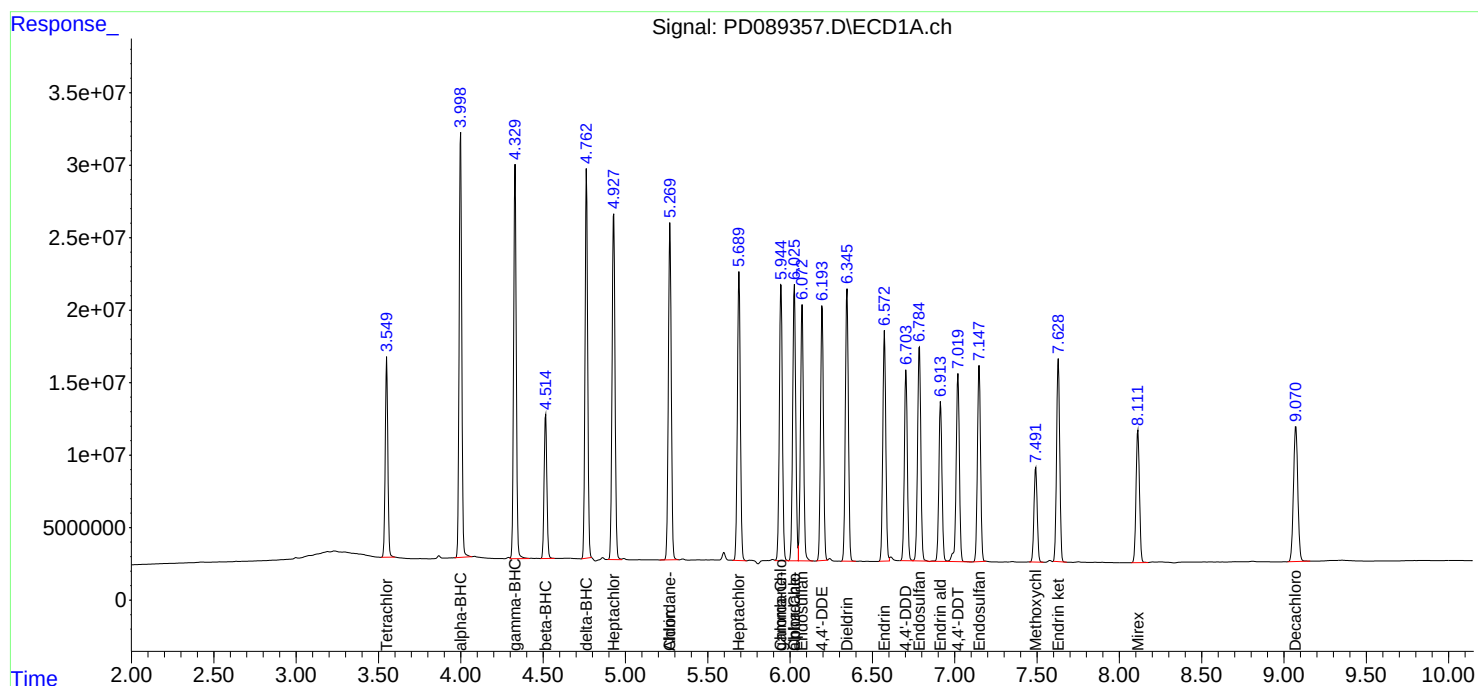
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

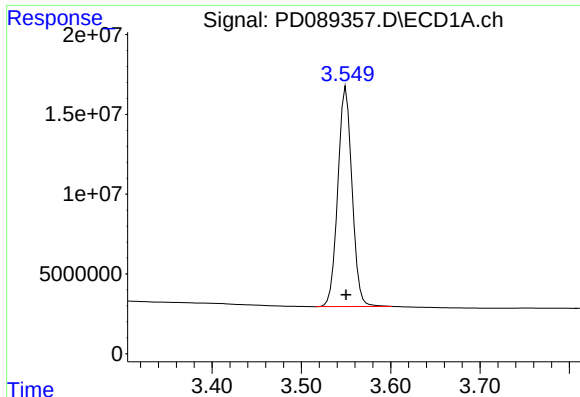
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070725\
Data File : PD089357.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 16:27
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
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Quant Time: Jul 08 02:25:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
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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

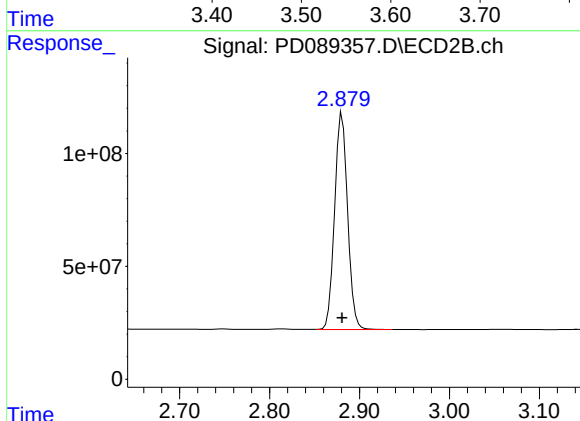




#1 Tetrachloro-m-xylene

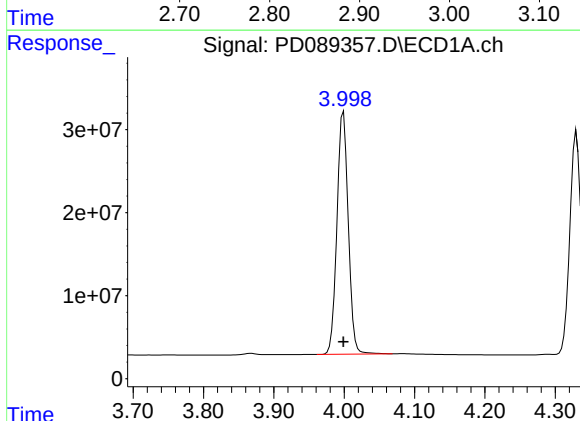
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 151953789
Conc: 53.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



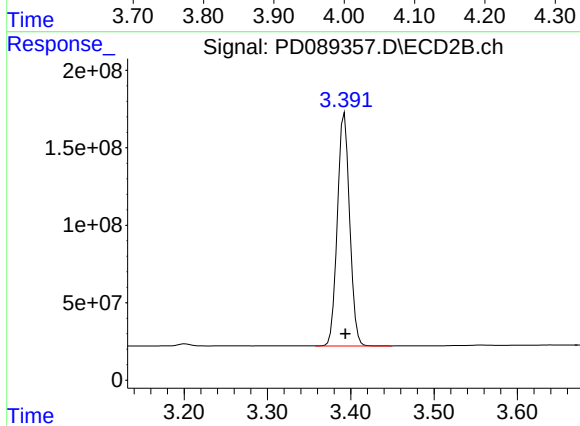
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 964258288
Conc: 56.88 ng/ml



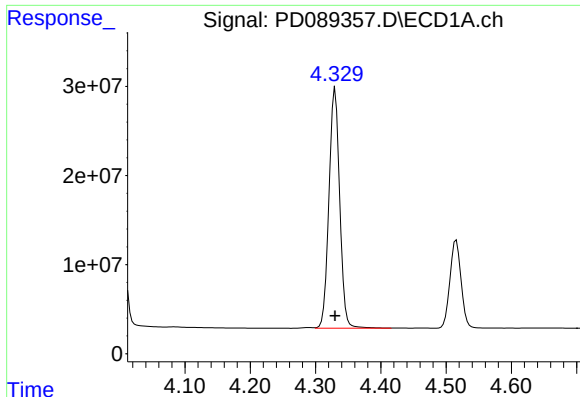
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 326910929
Conc: 56.08 ng/ml



#2 alpha-BHC

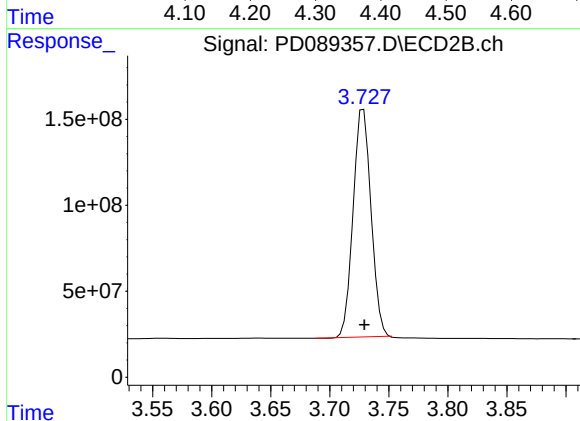
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1541726415
Conc: 57.53 ng/ml



#3 gamma-BHC (Lindane)

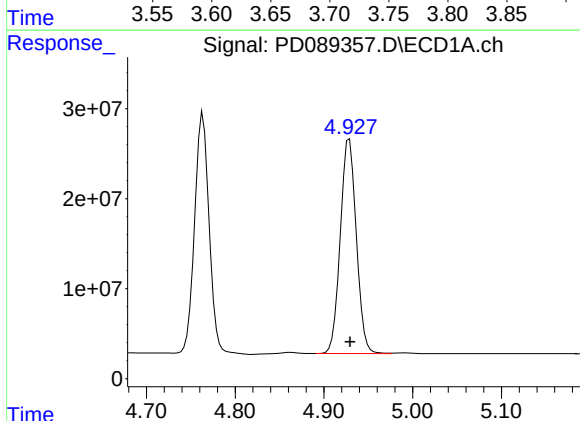
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 308923169
Conc: 55.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



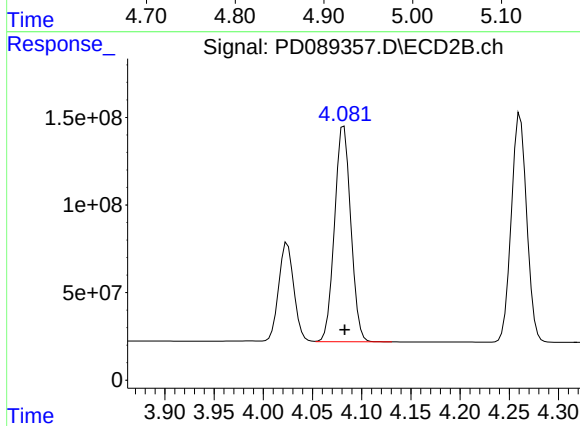
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 1398472350
Conc: 56.49 ng/ml



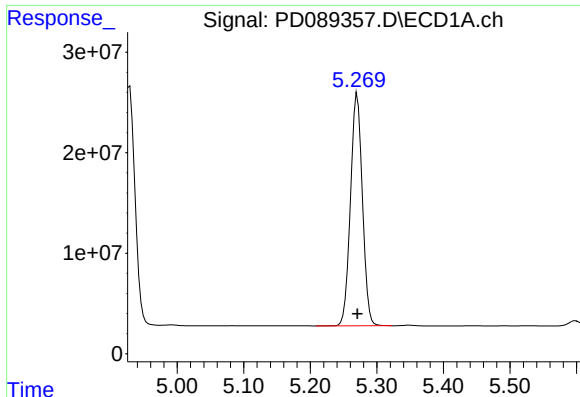
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 299330710
Conc: 54.90 ng/ml



#4 Heptachlor

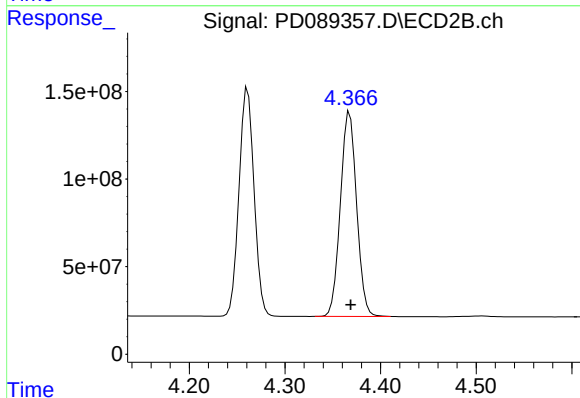
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 1415676571
Conc: 56.54 ng/ml



#5 Aldrin

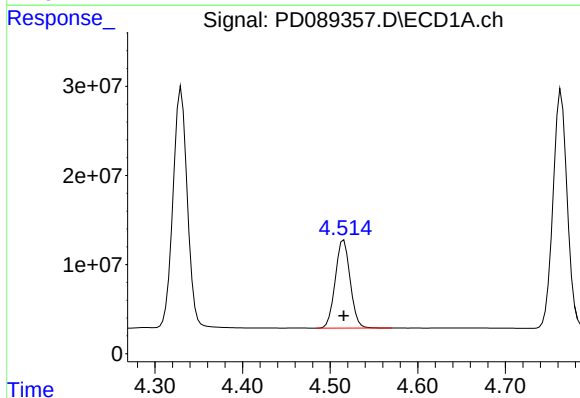
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 287860628
Conc: 54.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



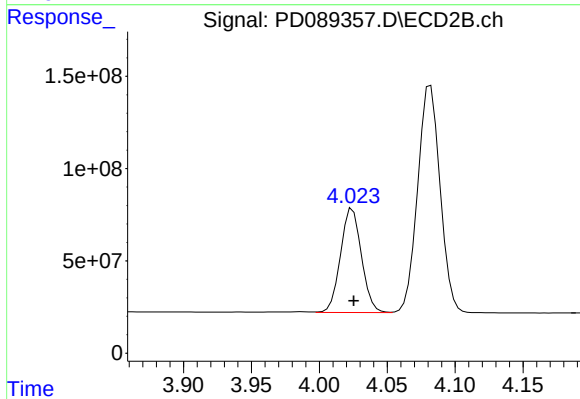
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 1381518836
Conc: 57.05 ng/ml



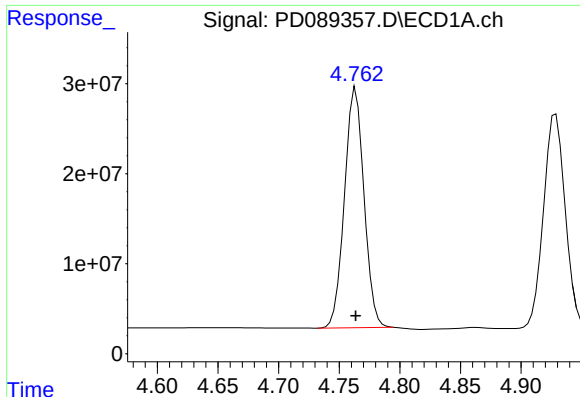
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 117149564
Conc: 53.08 ng/ml



#6 beta-BHC

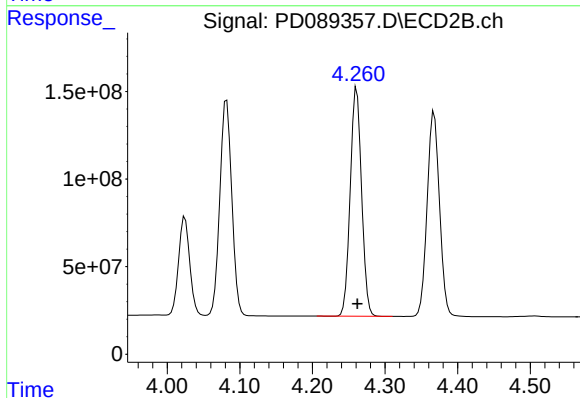
R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 604549309
Conc: 56.26 ng/ml



#7 delta-BHC

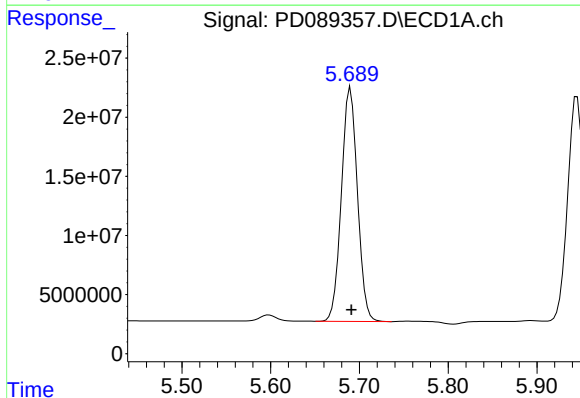
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 298818783
Conc: 58.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



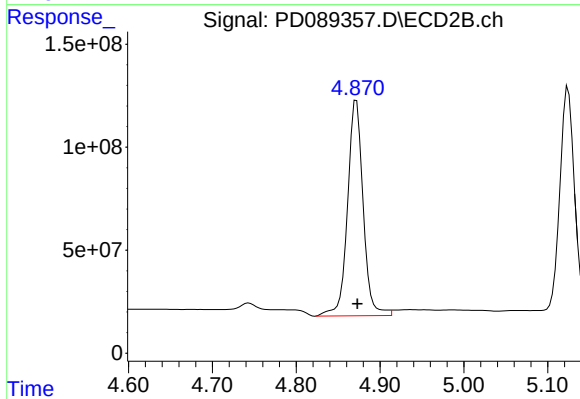
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 1420882492
Conc: 57.12 ng/ml



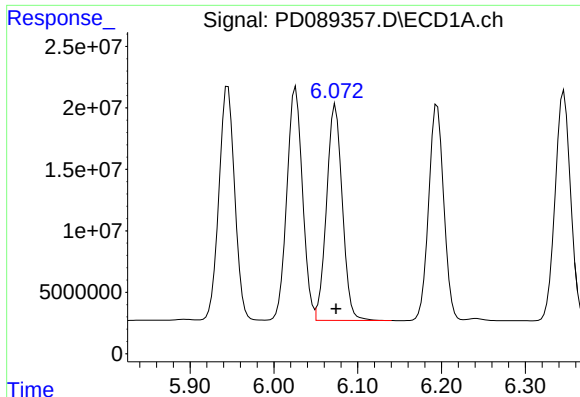
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 248931522
Conc: 51.60 ng/ml



#8 Heptachlor epoxide

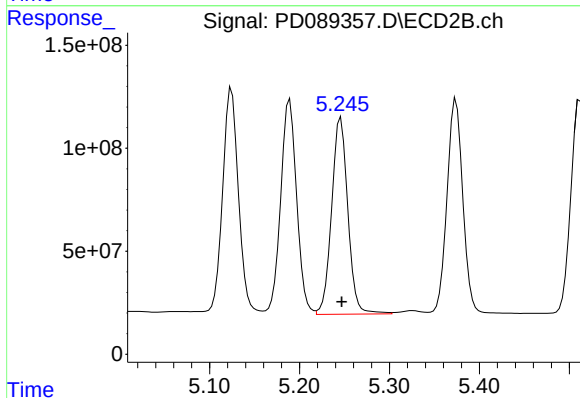
R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 1357751548
Conc: 62.00 ng/ml



#9 Endosulfan I

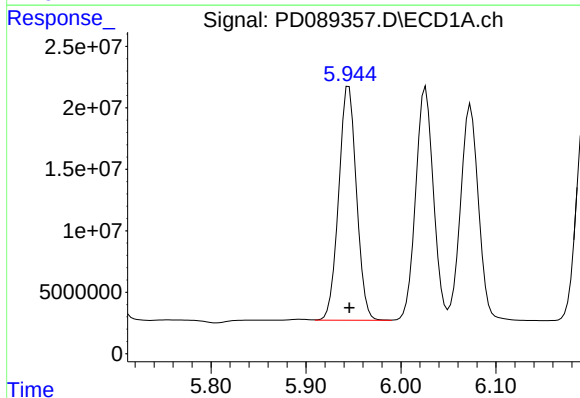
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 229594351
Conc: 50.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



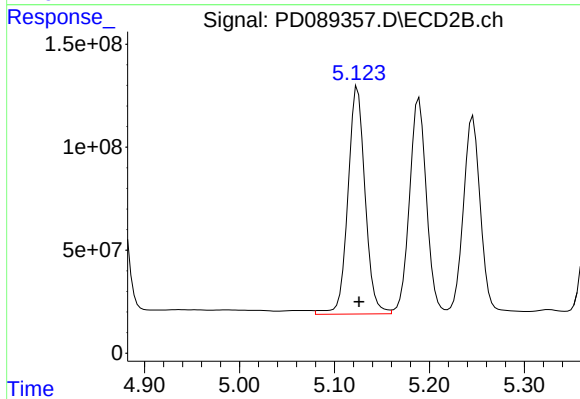
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.001 min
Response: 1198348527
Conc: 57.50 ng/ml



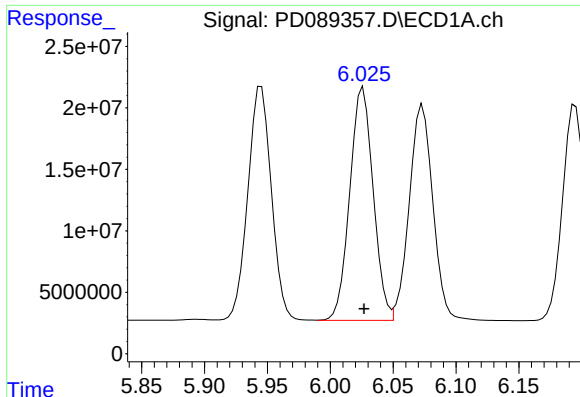
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 248245910
Conc: 51.85 ng/ml



#10 gamma-Chlordane

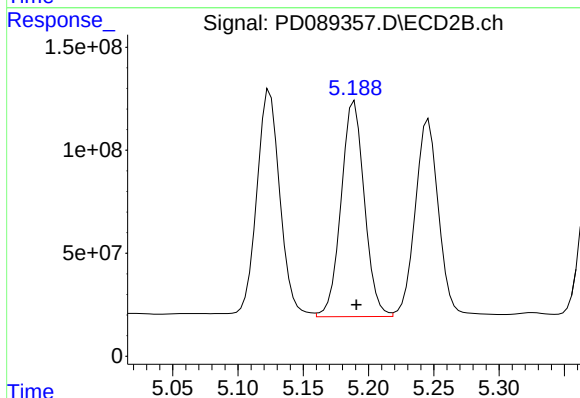
R.T.: 5.124 min
Delta R.T.: -0.001 min
Response: 1388171452
Conc: 58.03 ng/ml



#11 alpha-Chlordane

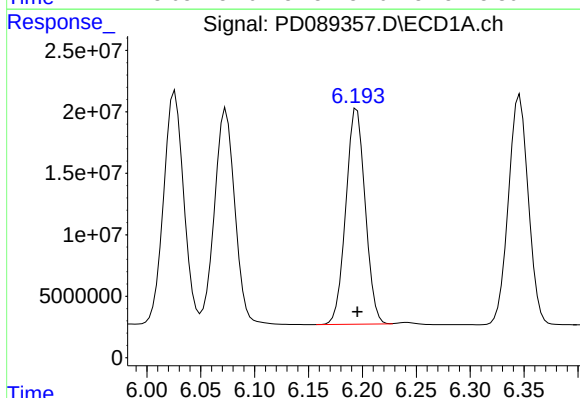
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 245860771
Conc: 50.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



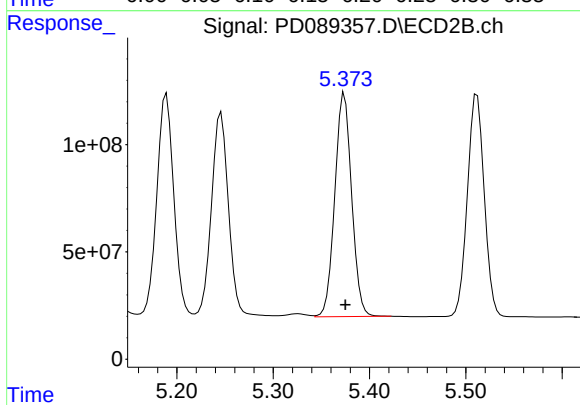
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 1299599358
Conc: 56.76 ng/ml



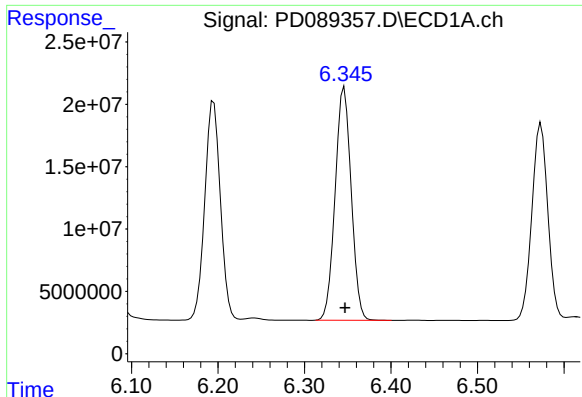
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 219027738
Conc: 50.22 ng/ml



#12 4,4'-DDE

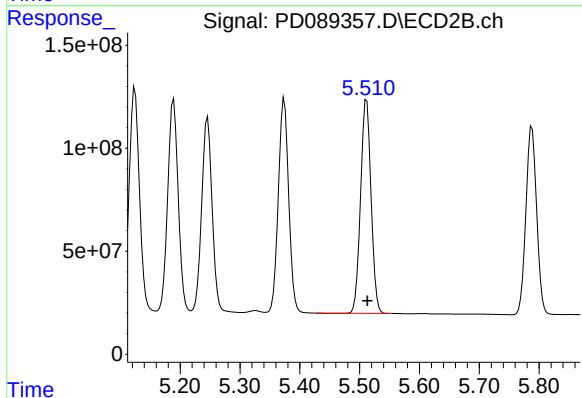
R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 1264763039
Conc: 55.19 ng/ml



#13 Dieldrin

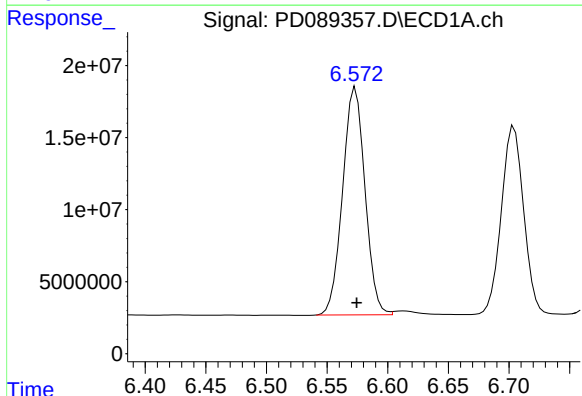
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 239894791
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



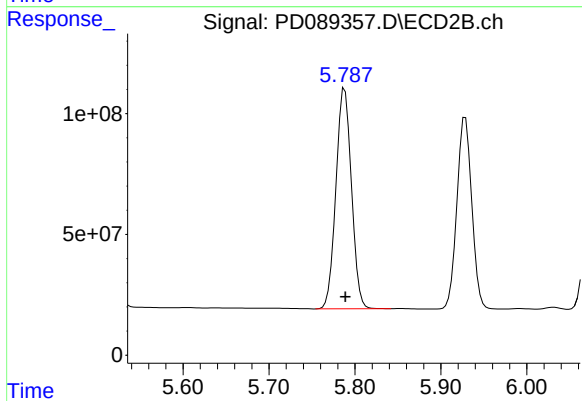
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.001 min
Response: 1263693370
Conc: 54.45 ng/ml



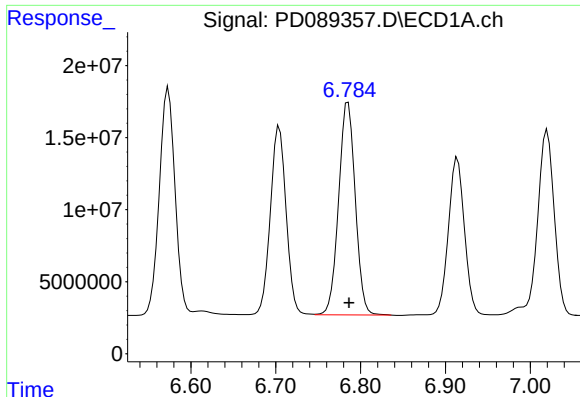
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 202999037
Conc: 49.20 ng/ml



#14 Endrin

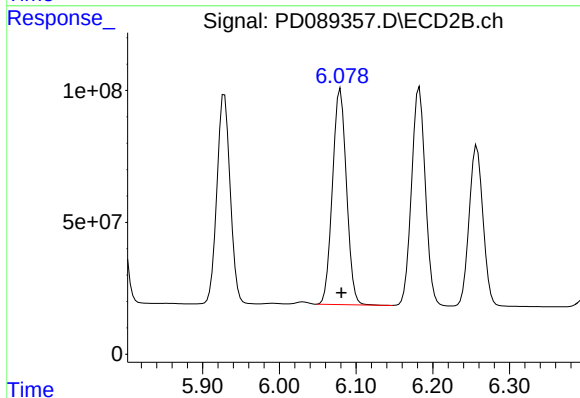
R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 1144946590
Conc: 52.73 ng/ml



#15 Endosulfan II

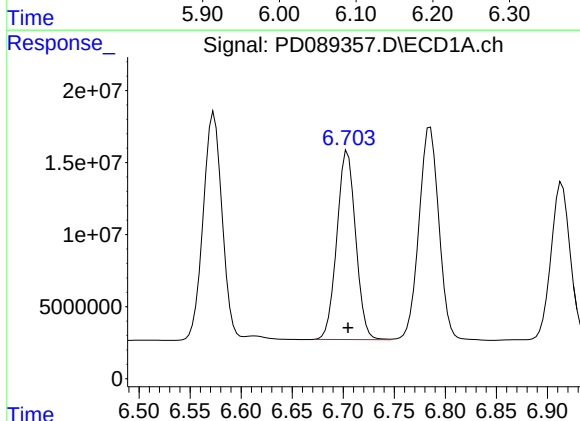
R.T.: 6.785 min
Delta R.T.: 0.000 min
Response: 200510468
Conc: 49.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



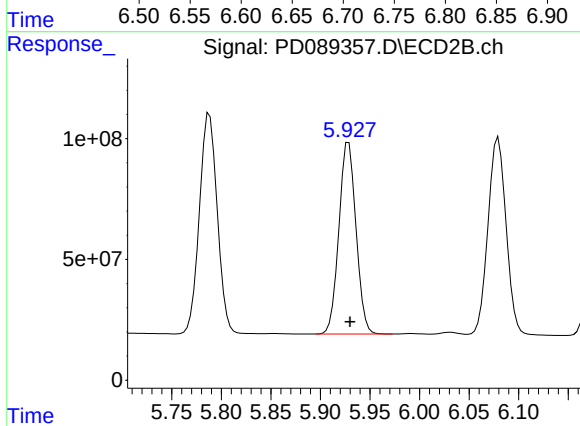
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 1037058653
Conc: 51.35 ng/ml



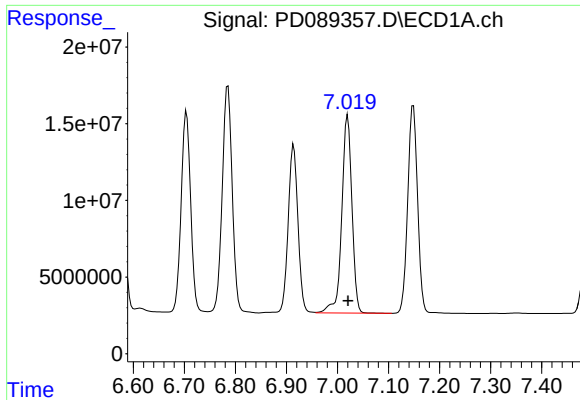
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 167958226
Conc: 48.94 ng/ml



#16 4,4'-DDD

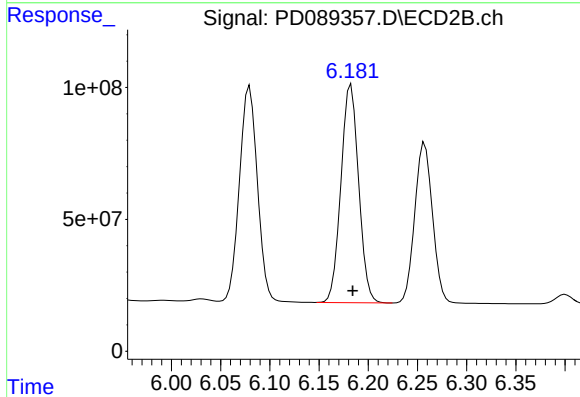
R.T.: 5.928 min
Delta R.T.: -0.001 min
Response: 952541476
Conc: 49.79 ng/ml



#17 4,4'-DDT

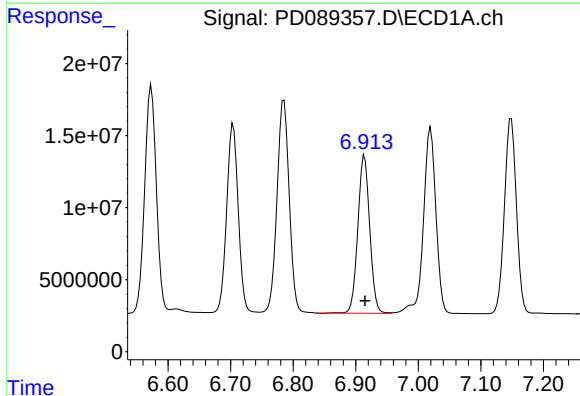
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 178263808
Conc: 47.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



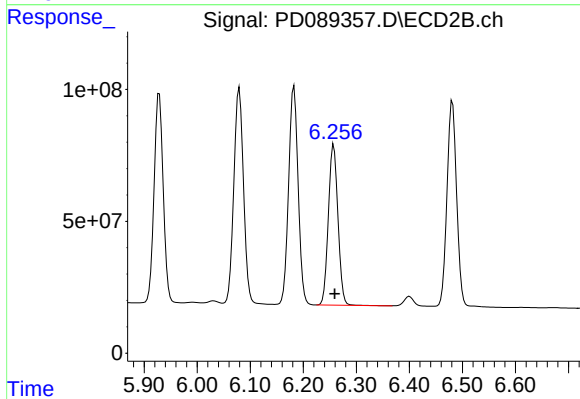
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 1036001041
Conc: 51.09 ng/ml



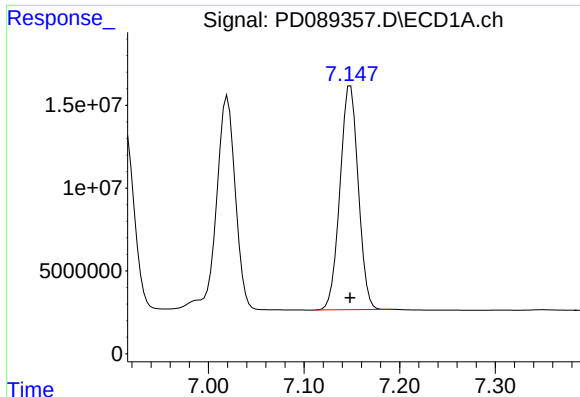
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 144740779
Conc: 47.24 ng/ml



#18 Endrin aldehyde

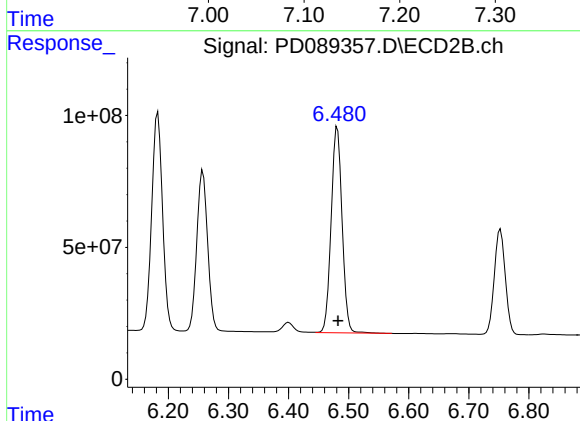
R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 767949334
Conc: 50.16 ng/ml



#19 Endosulfan Sulfate

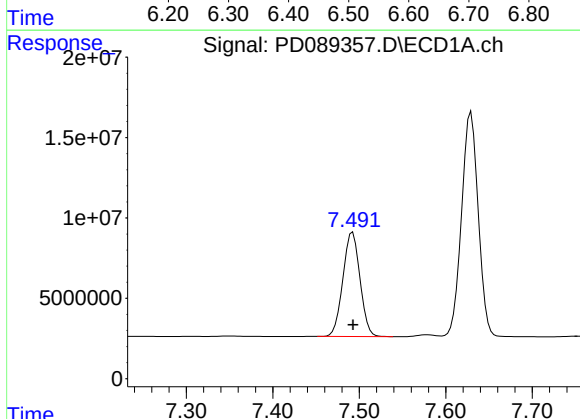
R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 180217472
Conc: 46.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



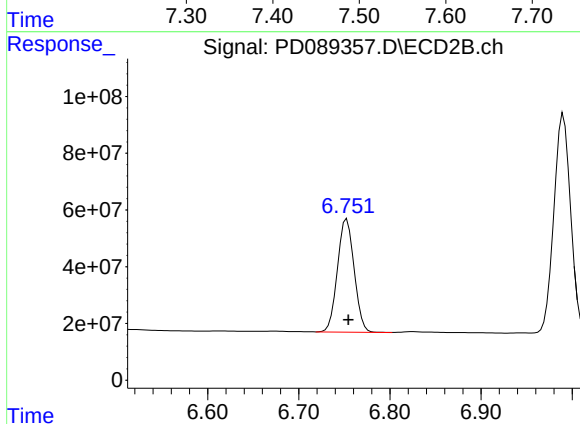
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.001 min
Response: 986885498
Conc: 50.30 ng/ml



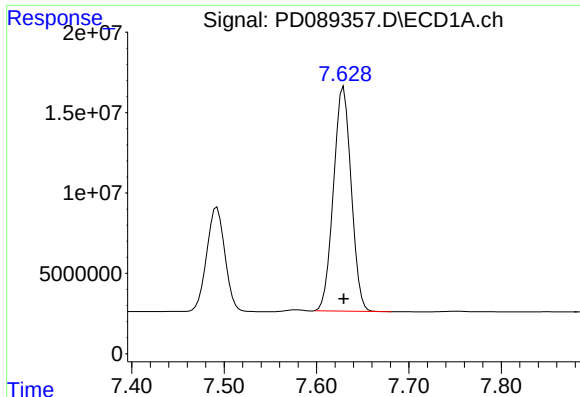
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 88558845
Conc: 43.83 ng/ml



#20 Methoxychlor

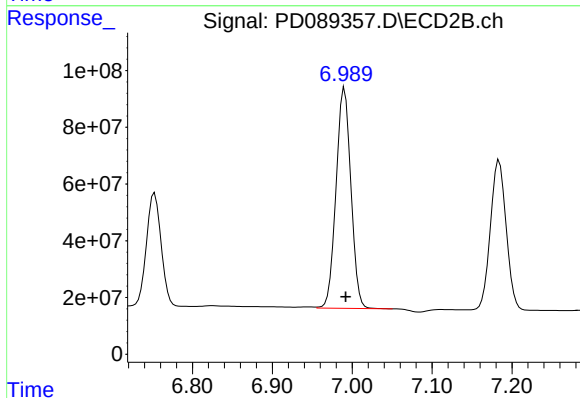
R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 509488259
Conc: 47.31 ng/ml



#21 Endrin ketone

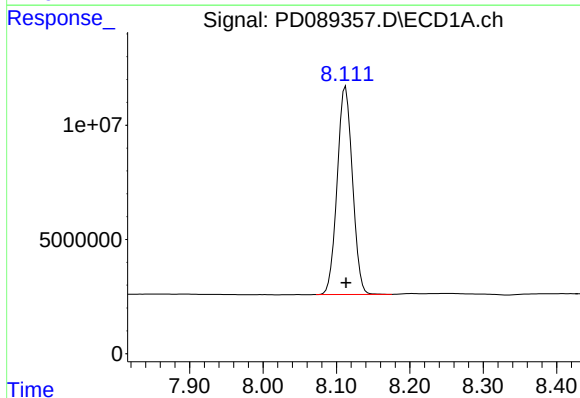
R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 185738090
Conc: 45.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



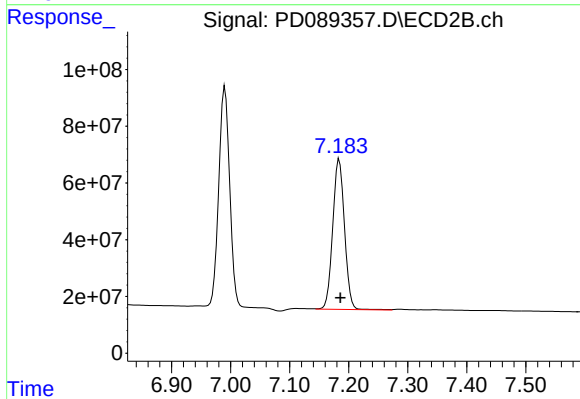
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 1002000769
Conc: 46.39 ng/ml



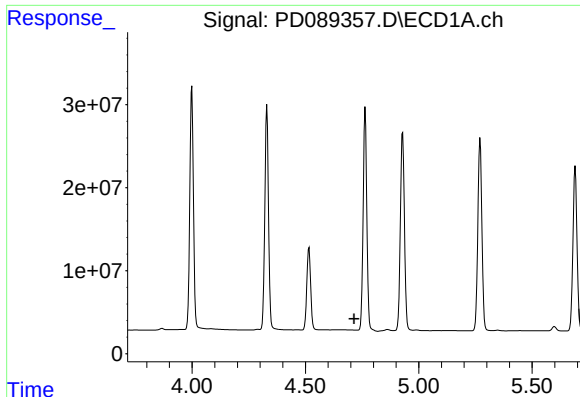
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 131701409
Conc: 43.32 ng/ml



#22 Mirex

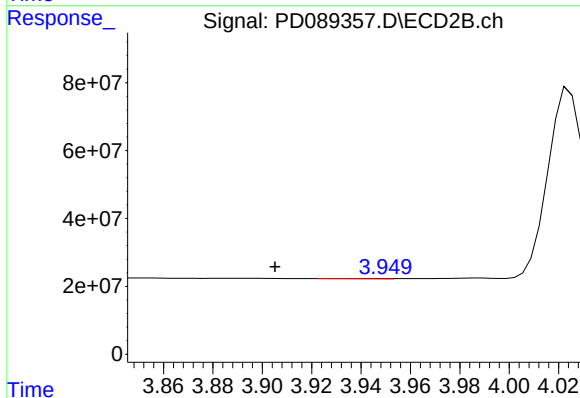
R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 737643716
Conc: 44.23 ng/ml



#23 Chlordane-1

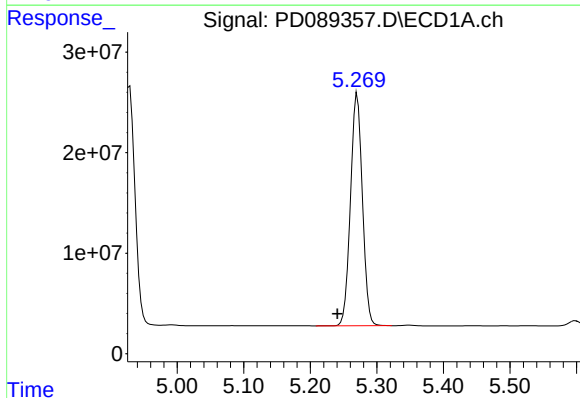
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



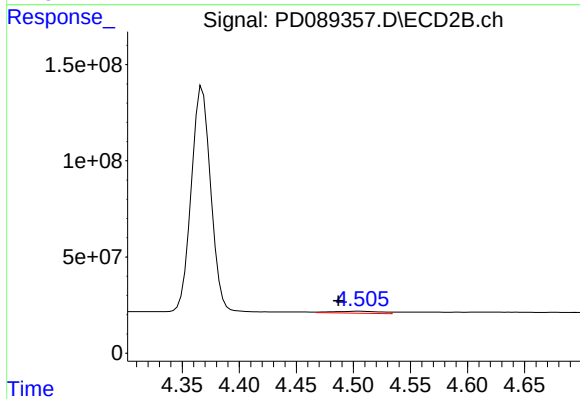
#23 Chlordane-1

R.T.: 3.942 min
Delta R.T.: 0.036 min
Response: 1031183
Conc: 1.11 ng/ml



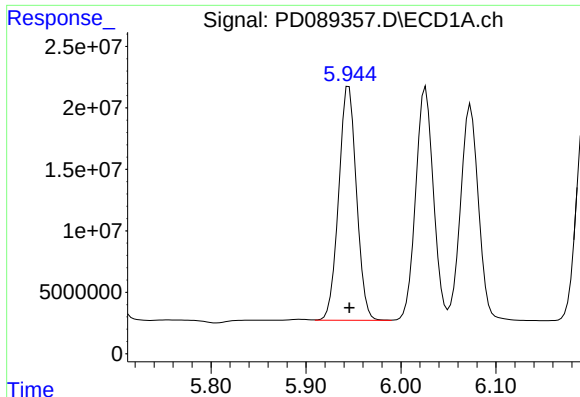
#24 Chlordane-2

R.T.: 5.270 min
Delta R.T.: 0.030 min
Response: 287860628
Conc: 1318.56 ng/ml



#24 Chlordane-2

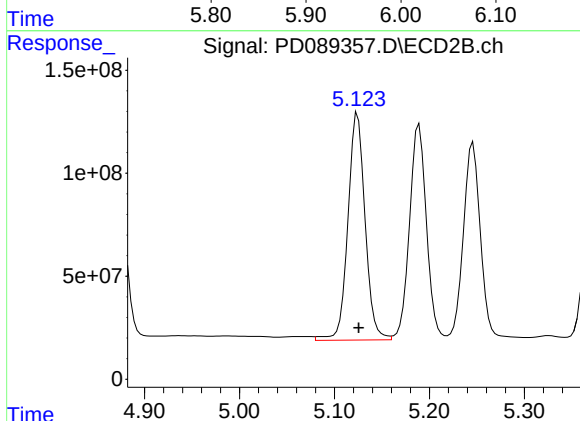
R.T.: 4.506 min
Delta R.T.: 0.019 min
Response: 31348762
Conc: 32.94 ng/ml



#25 Chlordane-3

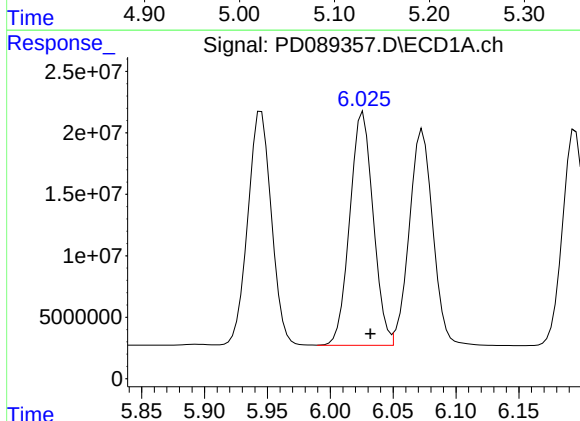
R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 248245910
Conc: 287.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



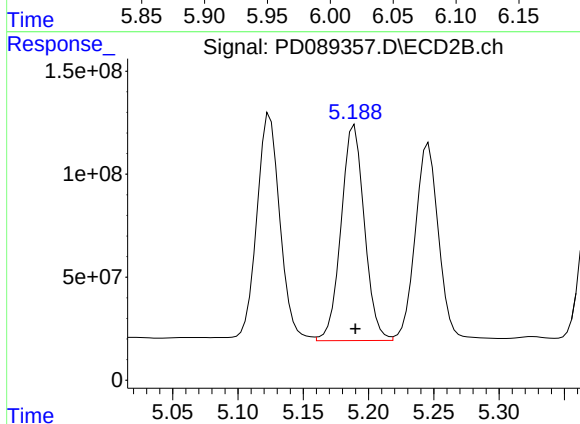
#25 Chlordane-3

R.T.: 5.124 min
Delta R.T.: -0.001 min
Response: 1388171452
Conc: 467.37 ng/ml



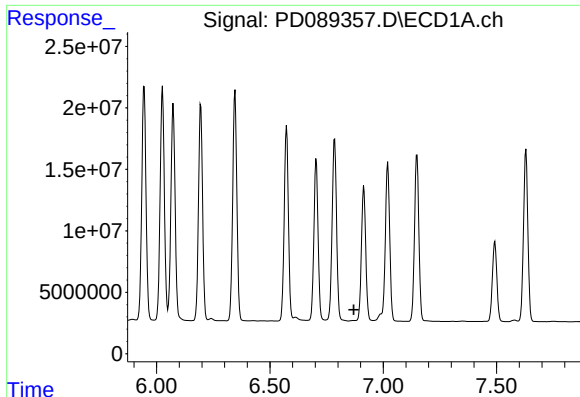
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 245860771
Conc: 234.00 ng/ml



#26 Chlordane-4

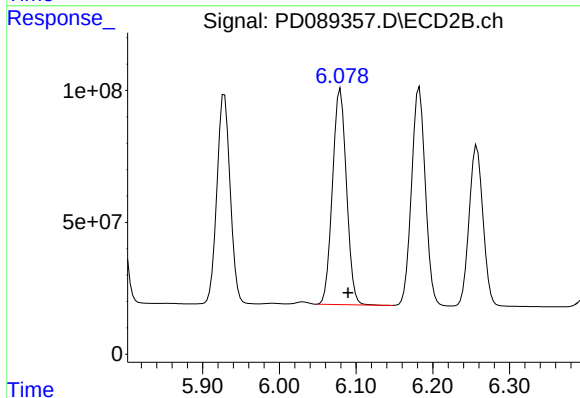
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 1299599358
Conc: 518.45 ng/ml



#27 Chlordane-5

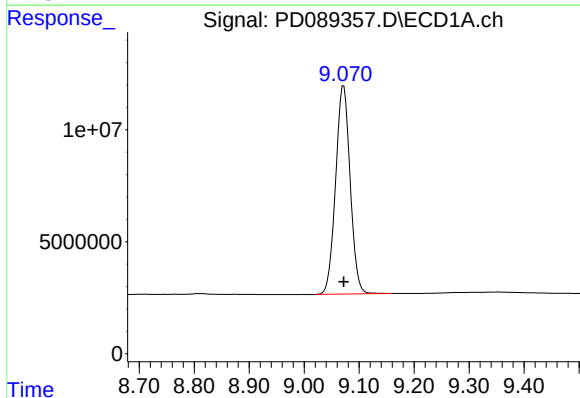
R.T.: 0.000 min
Exp R.T.: 6.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



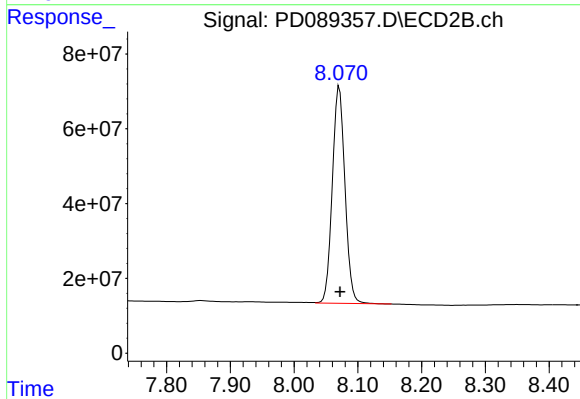
#27 Chlordane-5

R.T.: 6.079 min
Delta R.T.: -0.010 min
Response: 1037058653
Conc: 916.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 171187058
Conc: 43.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.001 min
Response: 799367605
Conc: 40.43 ng/ml