

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071425\
 Data File : PD089491.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 20:23
 Operator : AR\AJ
 Sample : PCHLORCCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORCCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 08:19:59 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...	3.549	2.880	123.8E6	988.2E6	43.408	58.288 #
28)	SA Decachlor...	9.069	8.069	171.0E6	928.6E6	43.528	46.970
Target Compounds							
2)	A alpha-BHC	4.022f	3.385	6531365	7421734	1.120	0.277 #
3)	MA gamma-BHC...	4.357f	3.737	3218731	7461505	0.577	0.301 #
4)	MA Heptachlor	4.927	4.081	150.2E6	664.2E6	27.545	26.527
5)	MB Aldrin	5.240f	4.380	100.4E6	55296572	18.899	2.283 #
6)	B beta-BHC	4.520	4.035	122443	1881467	0.055	0.175 #
7)	B delta-BHC	4.776	4.262	281911	71401337	0.055	2.871 #
8)	B Heptachlo...	5.670f	0.000	59029078	0	12.237	N.D. #
9)	A Endosulfan I	0.000	5.262f	0	2208480	N.D.	0.106 #
10)	B gamma-Chl...	5.944	5.123	400.8E6	1452.6E6	83.703	60.719 #
11)	B alpha-Chl...	6.030	5.187	483.3E6	1204.2E6	99.883	52.591 #
12)	B 4,4'-DDE	6.180	5.372	3066437	19810323	0.703	0.864
13)	MA Dieldrin	6.351	5.533f	13779114	15630081	2.872	0.673 #
14)	MA Endrin	6.600f	5.790	3394788	172.7E6	0.823	7.952 #
15)	B Endosulfa...	6.782	6.087	11284026	520.8E6	2.795	25.786 #
16)	A 4,4'-DDD	6.725f	5.920	17794959	-3886958	5.185	N.D. #
17)	MA 4,4'-DDT	6.990f	6.180	5495378	8664406	1.451	0.427 #
18)	B Endrin al...	6.924	6.265	6649603	7173966	2.170	0.469 #
19)	B Endosulfa...	7.148	6.484	839604	19866310	0.219	1.012 #
20)	A Methoxychlor	7.485	6.757	1593381	5303596	0.789	0.493 #
21)	B Endrin ke...	7.628	6.967f	119	18127459	0.000	0.839 #
22)	Mirex	8.115	7.195	507404	3858833	0.167	0.231 #
23)	Chlordane-1	4.713	3.904	79092245	450.4E6	369.549	483.104 #
24)	Chlordane-2	5.240	4.485	100.4E6	481.5E6	459.939	505.940
25)	Chlordane-3	5.944	5.123	400.8E6	1452.6E6	464.684	489.047
26)	Chlordane-4	6.030	5.187	483.3E6	1204.2E6	459.963	480.373
27)	Chlordane-5	6.869	6.087	79387357	520.8E6	434.382	460.197

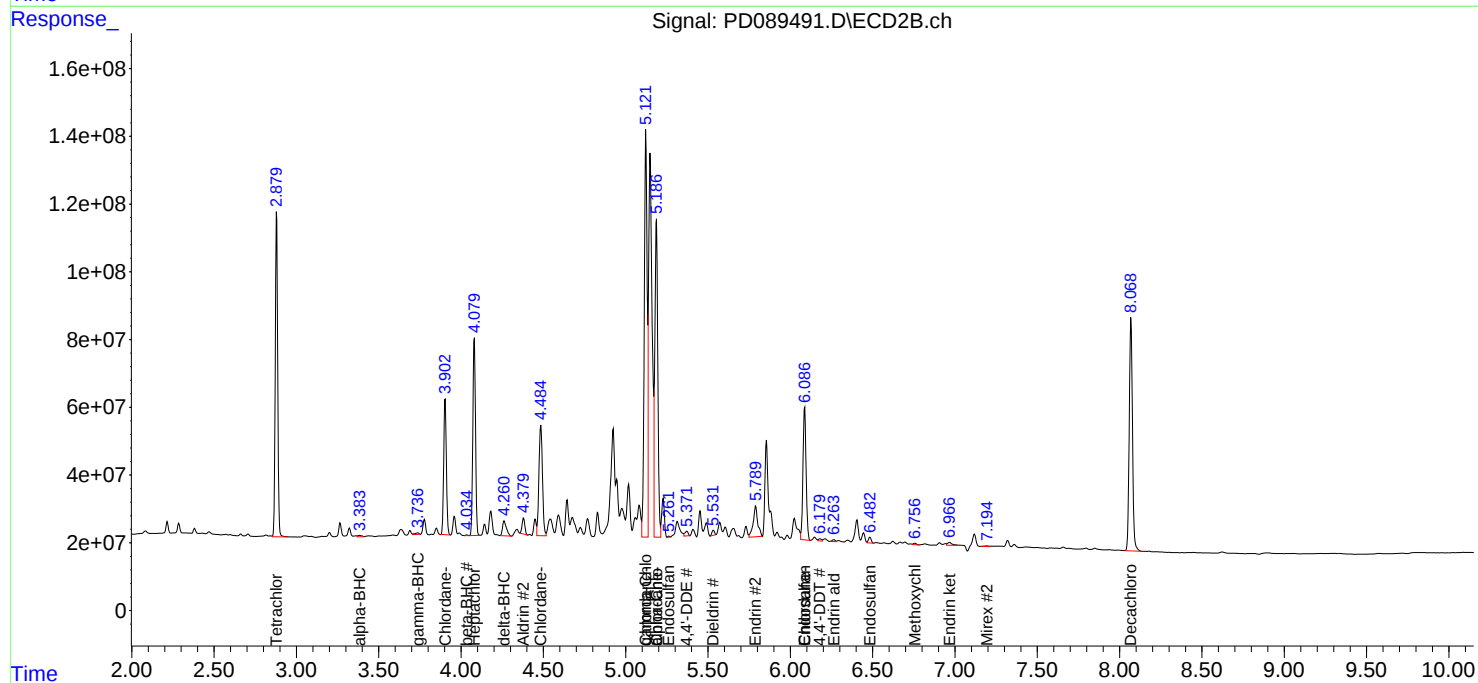
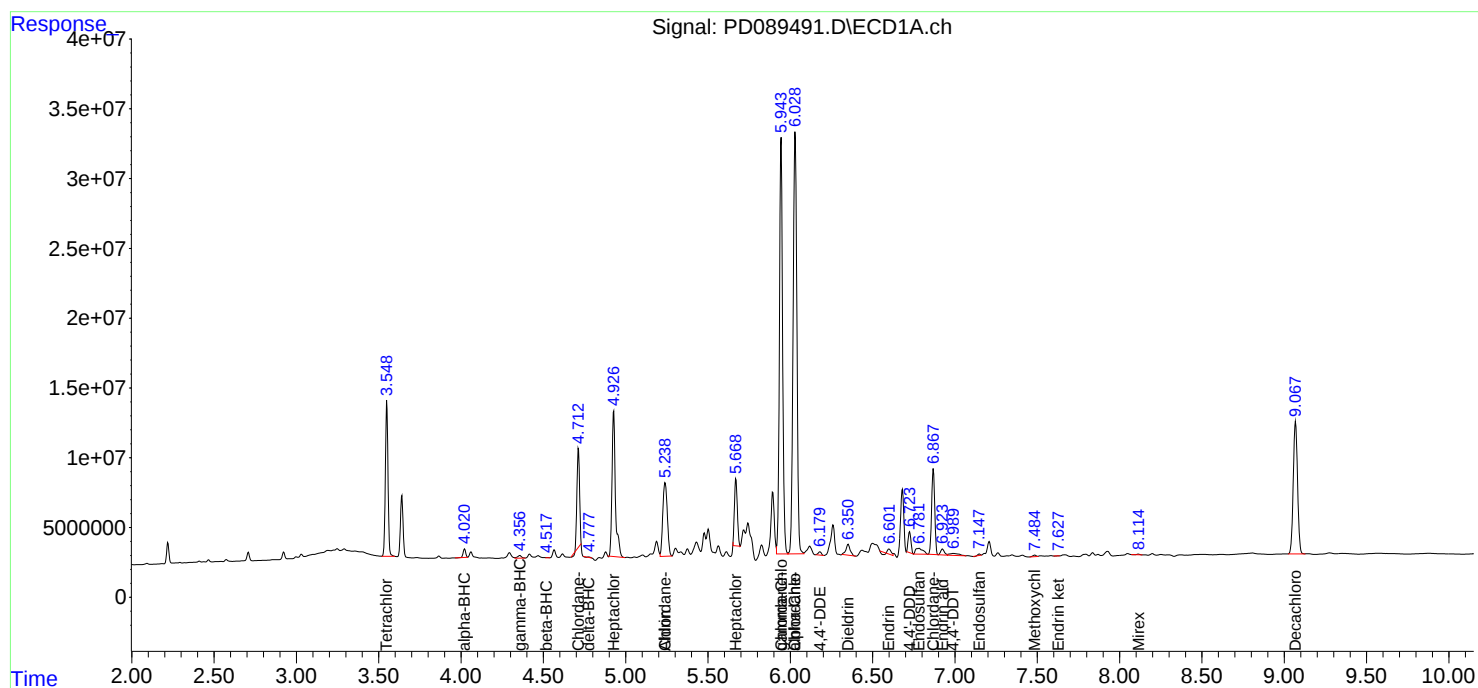
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

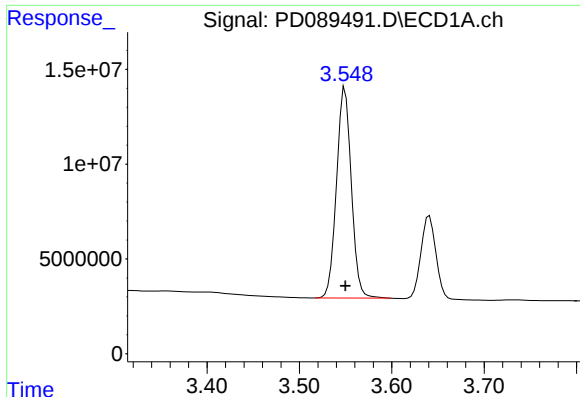
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071425\
Data File : PD089491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 20:23
Operator : AR\AJ
Sample : PCHLORCCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

Integration File signal 1: autoint1.e
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Quant Time: Jul 15 08:19:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
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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

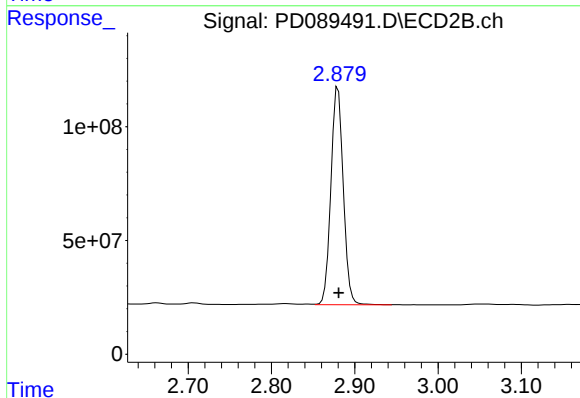




#1 Tetrachloro-m-xylene

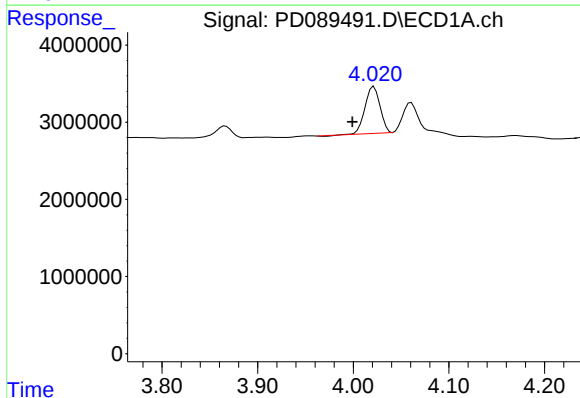
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 123847704
Conc: 43.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



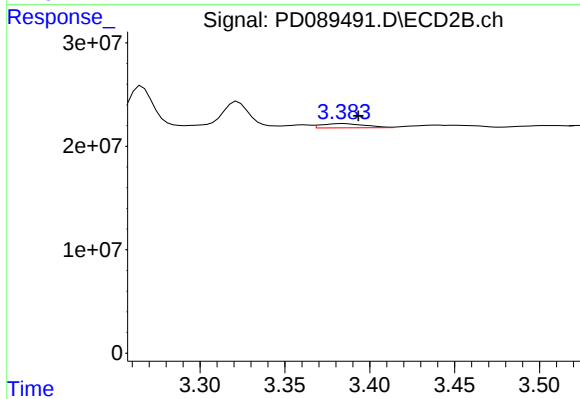
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 988161167
Conc: 58.29 ng/ml



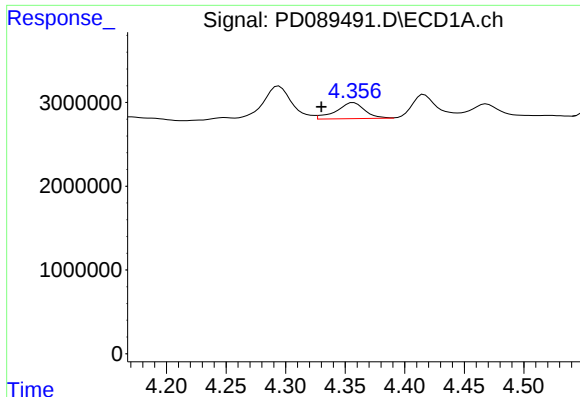
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.023 min
Response: 6531365
Conc: 1.12 ng/ml



#2 alpha-BHC

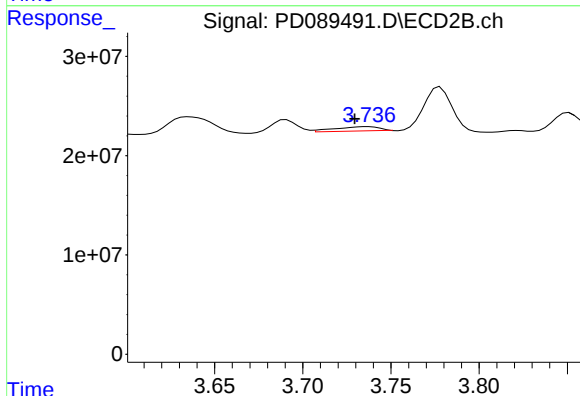
R.T.: 3.385 min
Delta R.T.: -0.009 min
Response: 7421734
Conc: 0.28 ng/ml



#3 gamma-BHC (Lindane)

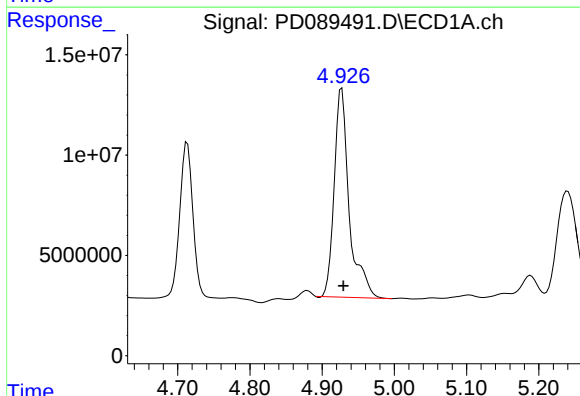
R.T.: 4.357 min
Delta R.T.: 0.027 min
Response: 3218731
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



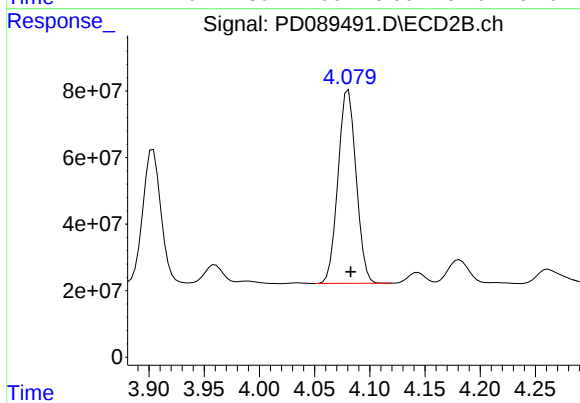
#3 gamma-BHC (Lindane)

R.T.: 3.737 min
Delta R.T.: 0.008 min
Response: 7461505
Conc: 0.30 ng/ml



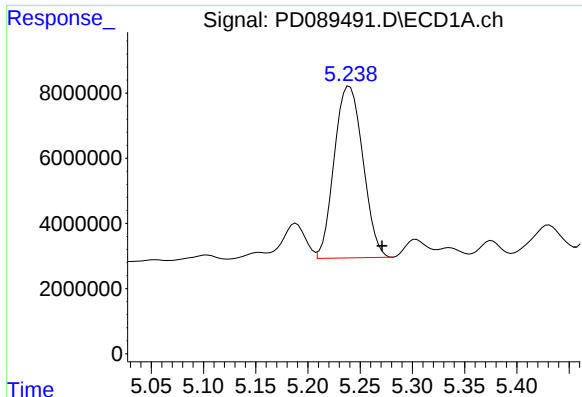
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: -0.002 min
Response: 150176928
Conc: 27.55 ng/ml



#4 Heptachlor

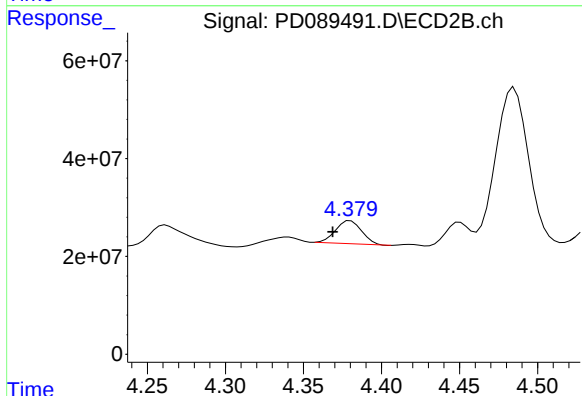
R.T.: 4.081 min
Delta R.T.: -0.002 min
Response: 664191919
Conc: 26.53 ng/ml



#5 Aldrin

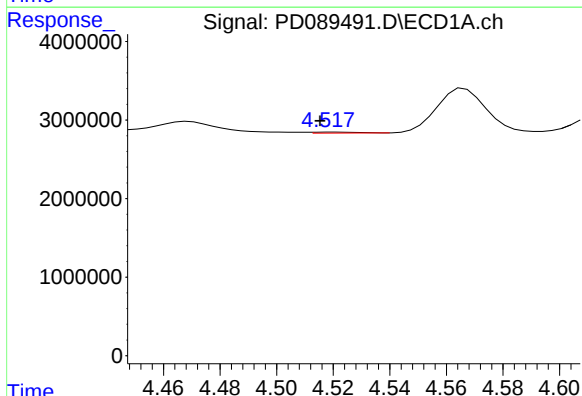
R.T.: 5.240 min
Delta R.T.: -0.031 min
Response: 100411063
Conc: 18.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



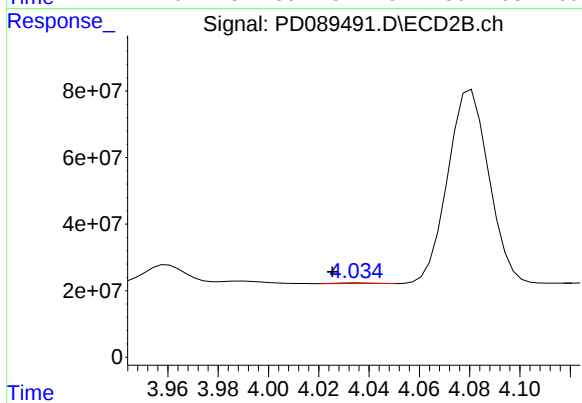
#5 Aldrin

R.T.: 4.380 min
Delta R.T.: 0.011 min
Response: 55296572
Conc: 2.28 ng/ml



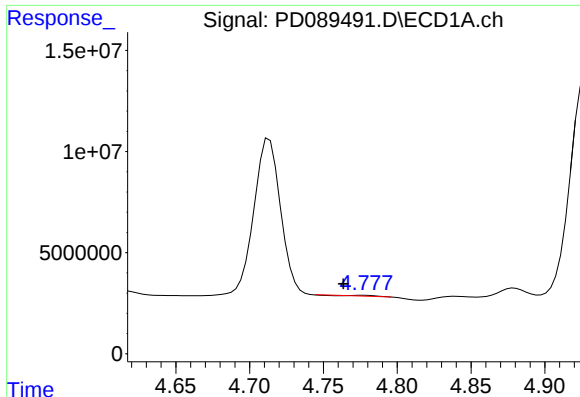
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: 0.005 min
Response: 122443
Conc: 0.06 ng/ml



#6 beta-BHC

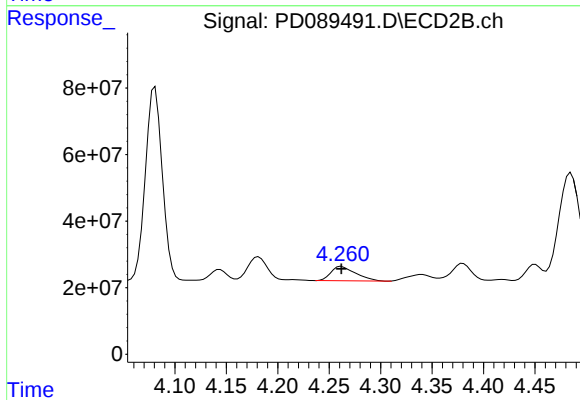
R.T.: 4.035 min
Delta R.T.: 0.010 min
Response: 1881467
Conc: 0.18 ng/ml



#7 delta-BHC

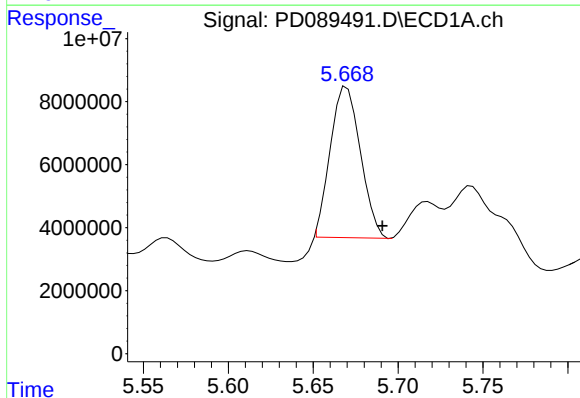
R.T.: 4.776 min
Delta R.T.: 0.013 min
Response: 281911
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



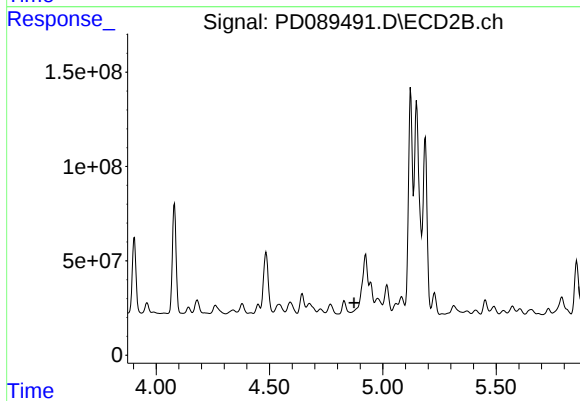
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 71401337
Conc: 2.87 ng/ml



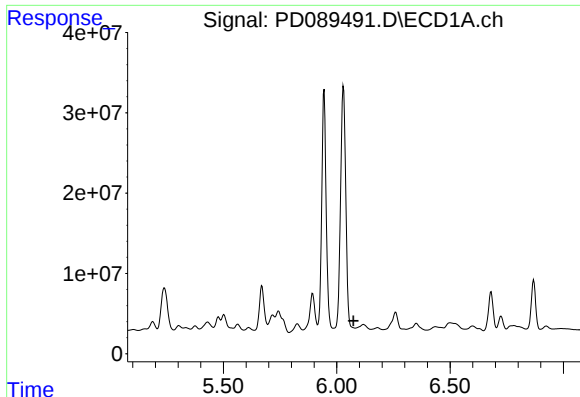
#8 Heptachlor epoxide

R.T.: 5.670 min
Delta R.T.: -0.021 min
Response: 59029078
Conc: 12.24 ng/ml



#8 Heptachlor epoxide

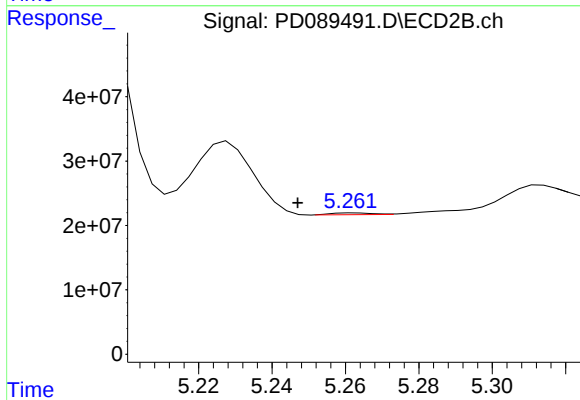
R.T.: 0.000 min
Exp R.T.: 4.873 min
Response: 0
Conc: N.D.



#9 Endosulfan I

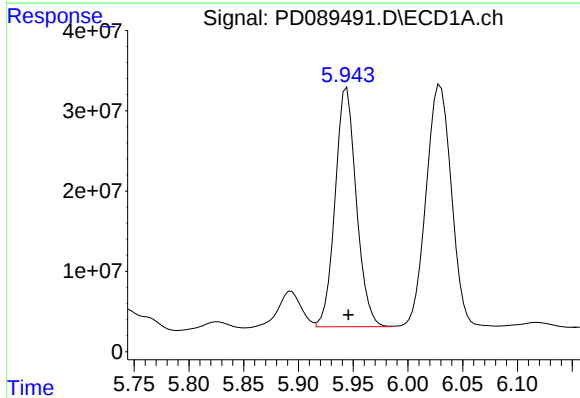
R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



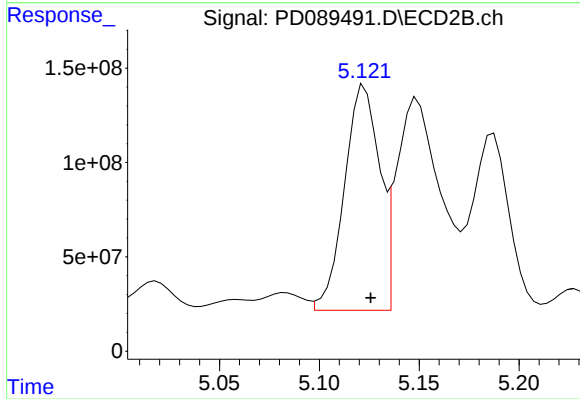
#9 Endosulfan I

R.T.: 5.262 min
Delta R.T.: 0.015 min
Response: 2208480
Conc: 0.11 ng/ml



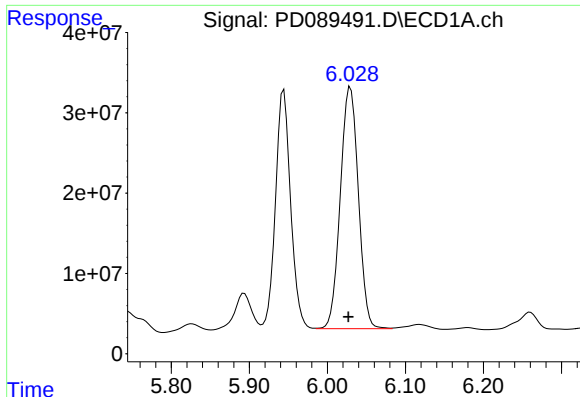
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.001 min
Response: 400781532
Conc: 83.70 ng/ml



#10 gamma-Chlordane

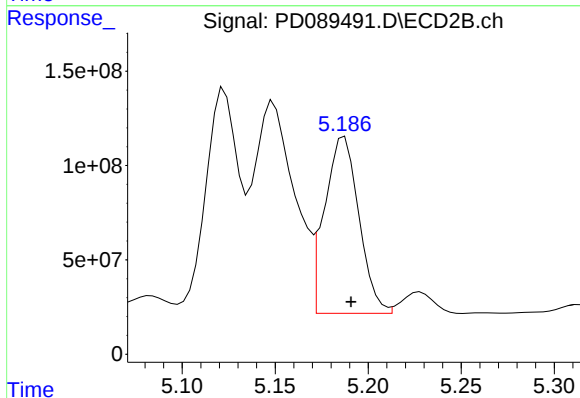
R.T.: 5.123 min
Delta R.T.: -0.003 min
Response: 1452567715
Conc: 60.72 ng/ml



#11 alpha-Chlordane

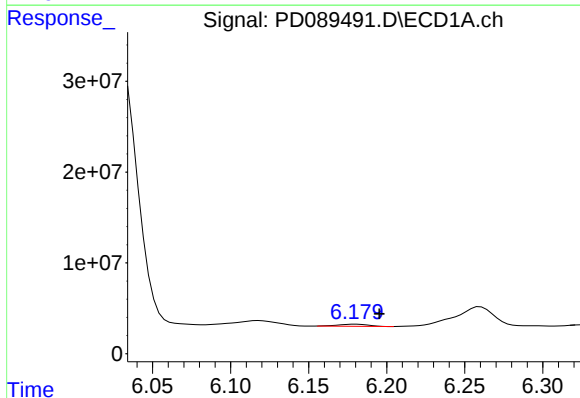
R.T.: 6.030 min
Delta R.T.: 0.003 min
Response: 483287206
Conc: 99.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



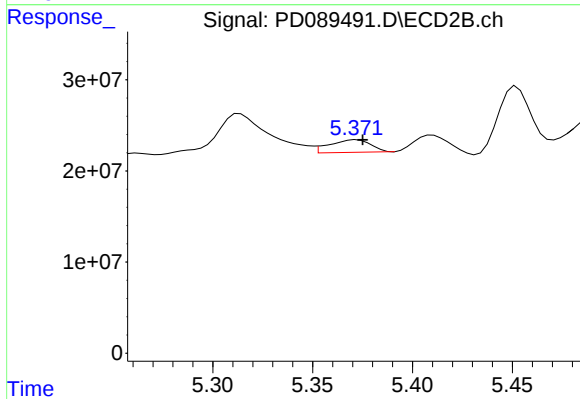
#11 alpha-Chlordane

R.T.: 5.187 min
Delta R.T.: -0.003 min
Response: 1204160607
Conc: 52.59 ng/ml



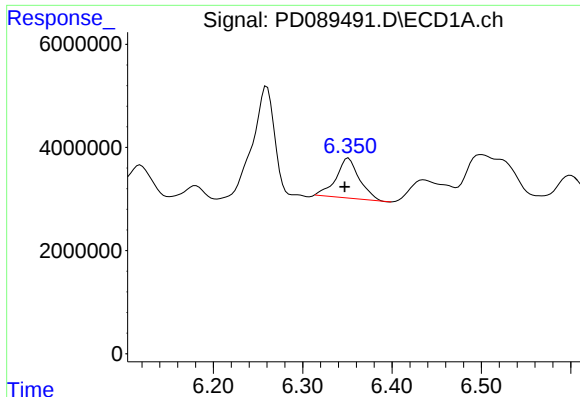
#12 4,4'-DDE

R.T.: 6.180 min
Delta R.T.: -0.015 min
Response: 3066437
Conc: 0.70 ng/ml



#12 4,4'-DDE

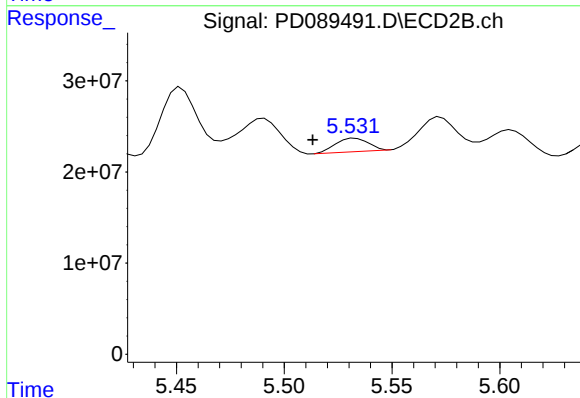
R.T.: 5.372 min
Delta R.T.: -0.003 min
Response: 19810323
Conc: 0.86 ng/ml



#13 Dieldrin

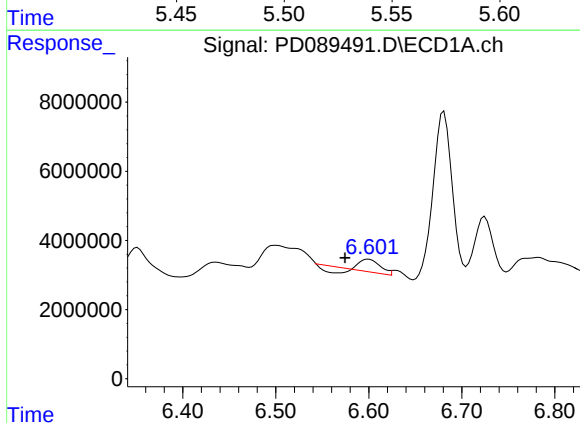
R.T.: 6.351 min
Delta R.T.: 0.004 min
Response: 13779114
Conc: 2.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



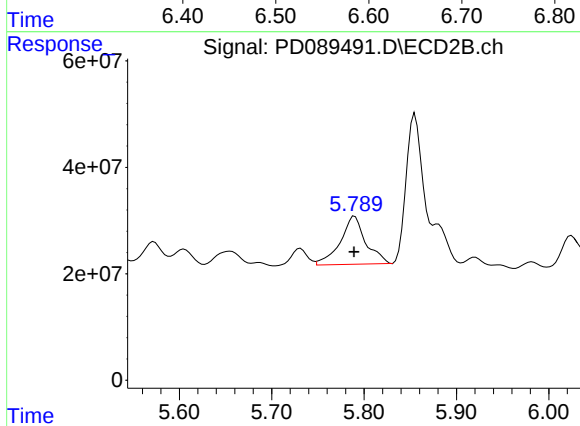
#13 Dieldrin

R.T.: 5.533 min
Delta R.T.: 0.020 min
Response: 15630081
Conc: 0.67 ng/ml



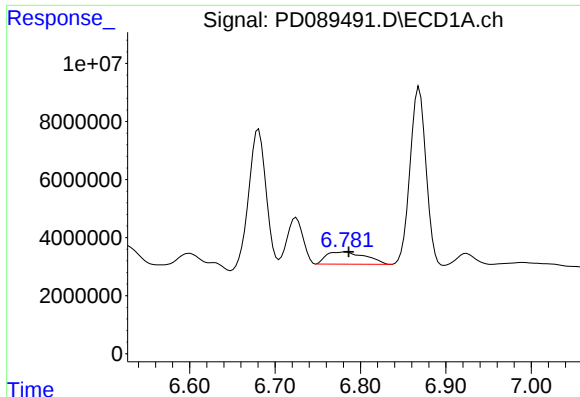
#14 Endrin

R.T.: 6.600 min
Delta R.T.: 0.025 min
Response: 3394788
Conc: 0.82 ng/ml



#14 Endrin

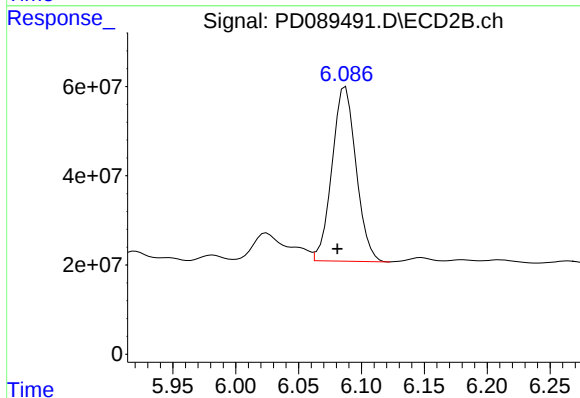
R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 172670001
Conc: 7.95 ng/ml



#15 Endosulfan II

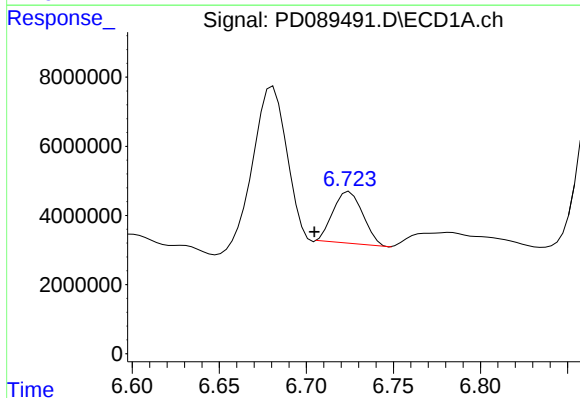
R.T.: 6.782 min
Delta R.T.: -0.004 min
Response: 11284026
Conc: 2.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



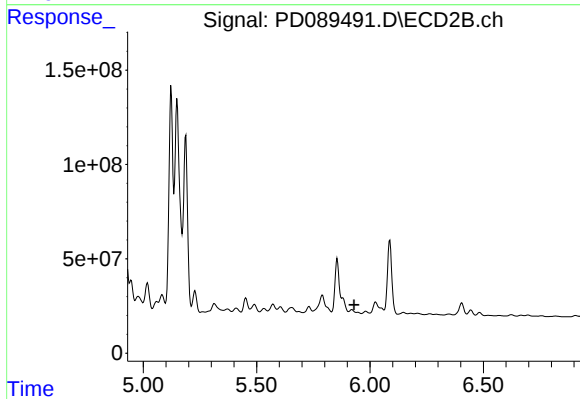
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.006 min
Response: 520787386
Conc: 25.79 ng/ml



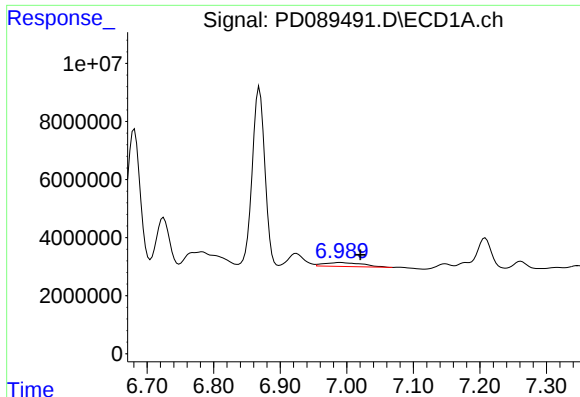
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.020 min
Response: 17794959
Conc: 5.18 ng/ml



#16 4,4'-DDD

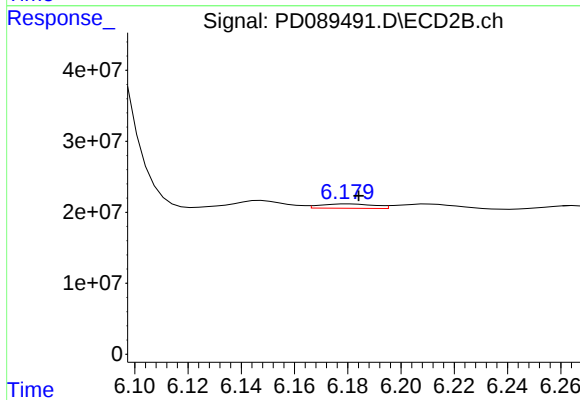
R.T.: 5.920 min
Delta R.T.: -0.010 min
Response: -3886958
Conc: N.D.



#17 4,4'-DDT

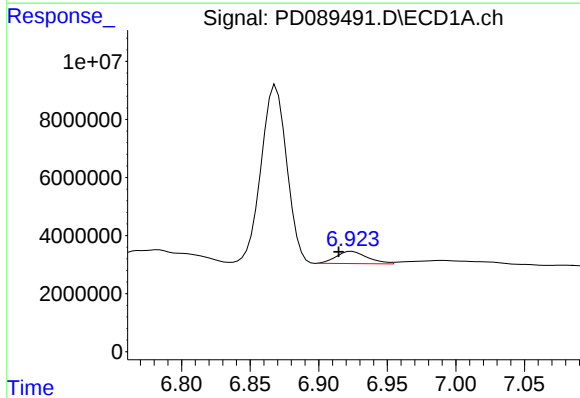
R.T.: 6.990 min
Delta R.T.: -0.030 min
Response: 5495378
Conc: 1.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



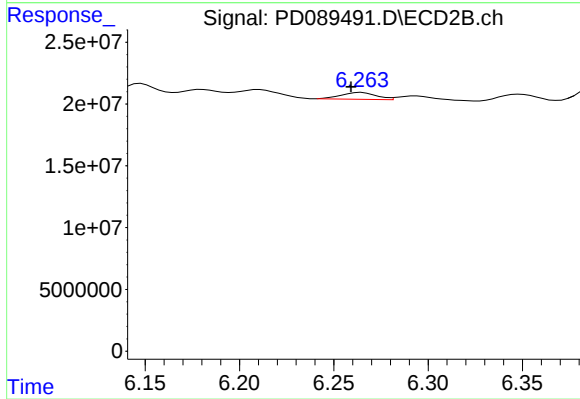
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 8664406
Conc: 0.43 ng/ml



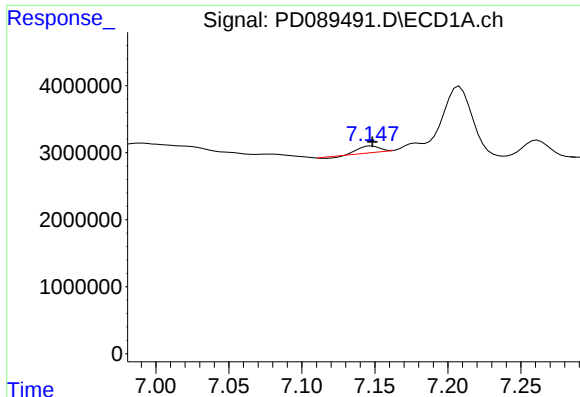
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.010 min
Response: 6649603
Conc: 2.17 ng/ml



#18 Endrin aldehyde

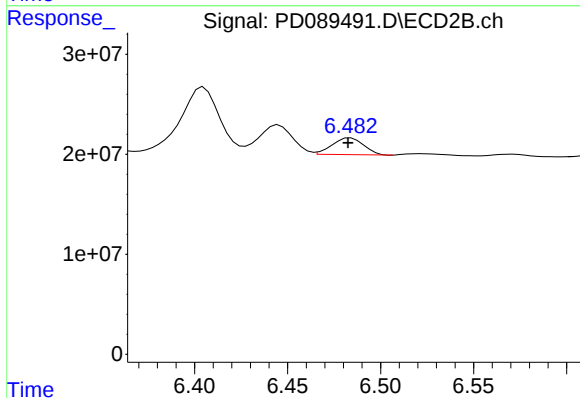
R.T.: 6.265 min
Delta R.T.: 0.006 min
Response: 7173966
Conc: 0.47 ng/ml



#19 Endosulfan Sulfate

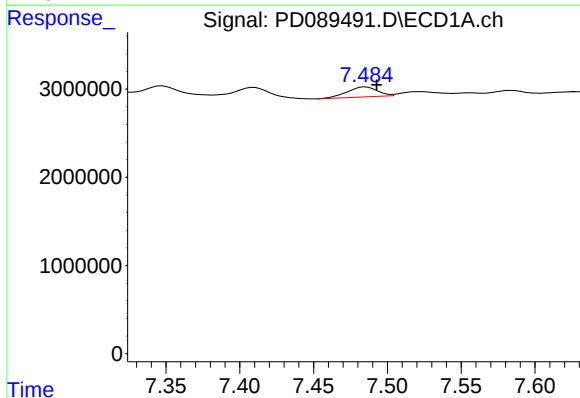
R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 839604
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



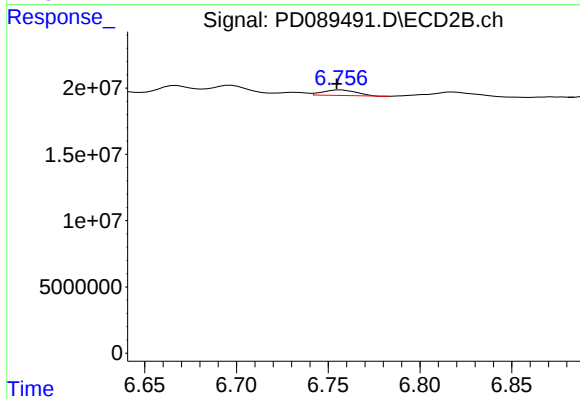
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: 0.001 min
Response: 19866310
Conc: 1.01 ng/ml



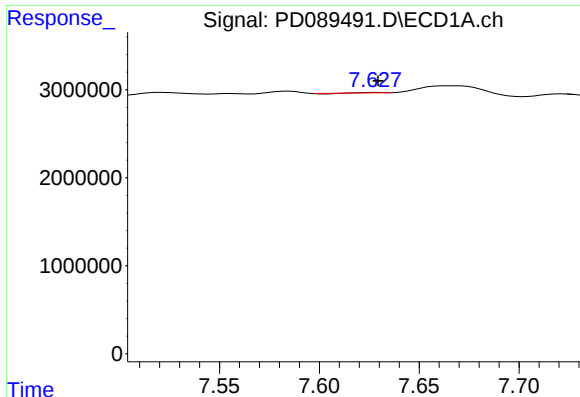
#20 Methoxychlor

R.T.: 7.485 min
Delta R.T.: -0.007 min
Response: 1593381
Conc: 0.79 ng/ml



#20 Methoxychlor

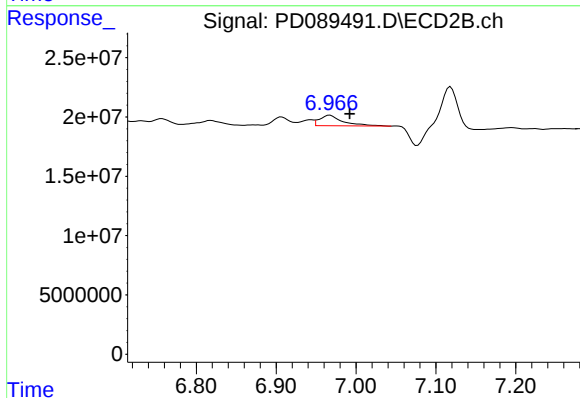
R.T.: 6.757 min
Delta R.T.: 0.002 min
Response: 5303596
Conc: 0.49 ng/ml



#21 Endrin ketone

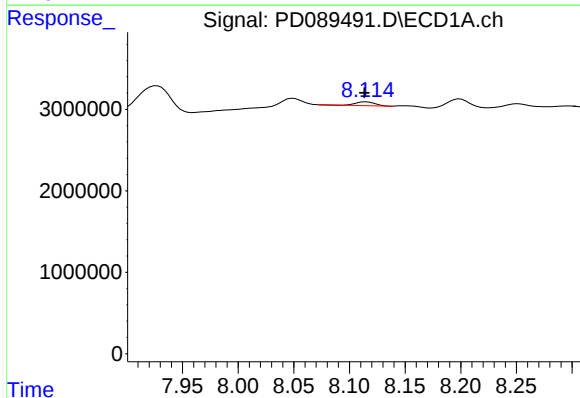
R.T.: 7.628 min
Delta R.T.: -0.002 min
Response: 119
Conc: 0.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



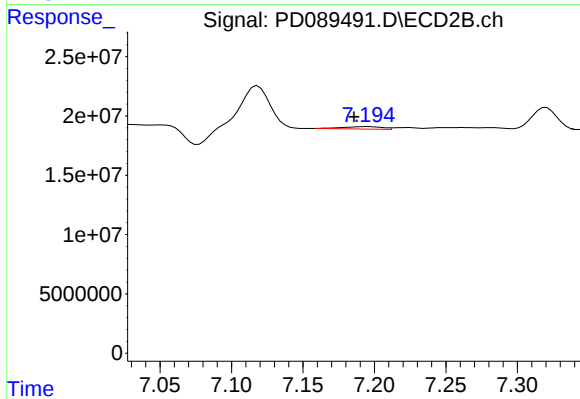
#21 Endrin ketone

R.T.: 6.967 min
Delta R.T.: -0.025 min
Response: 18127459
Conc: 0.84 ng/ml



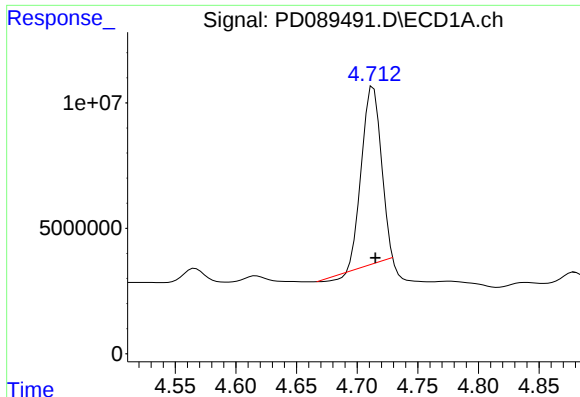
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.001 min
Response: 507404
Conc: 0.17 ng/ml



#22 Mirex

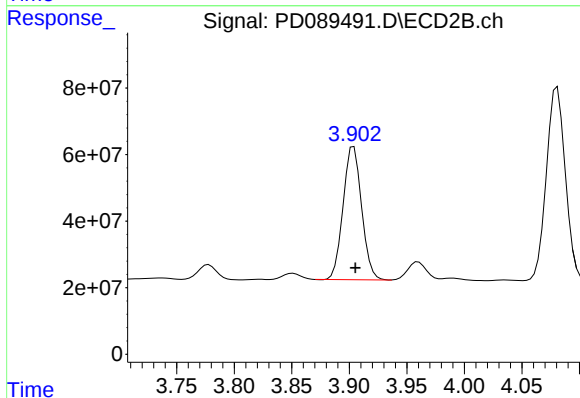
R.T.: 7.195 min
Delta R.T.: 0.009 min
Response: 3858833
Conc: 0.23 ng/ml



#23 Chlordane-1

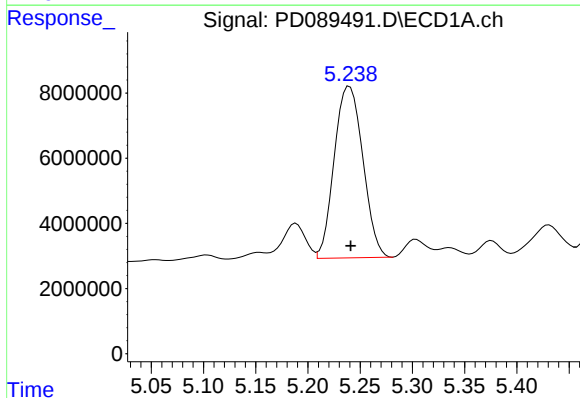
R.T.: 4.713 min
Delta R.T.: -0.002 min
Response: 79092245
Conc: 369.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



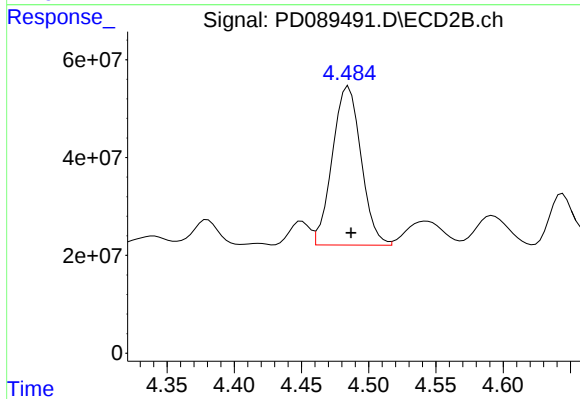
#23 Chlordane-1

R.T.: 3.904 min
Delta R.T.: -0.001 min
Response: 450374005
Conc: 483.10 ng/ml



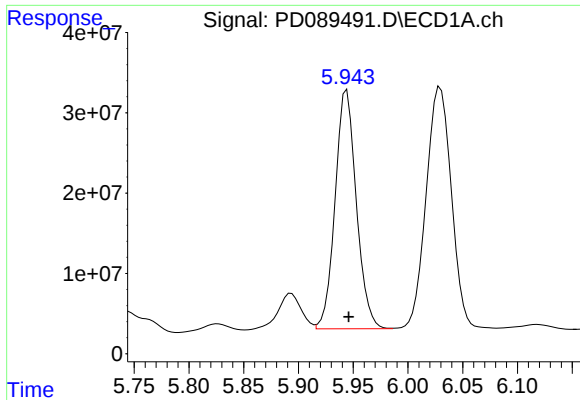
#24 Chlordane-2

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 100411063
Conc: 459.94 ng/ml



#24 Chlordane-2

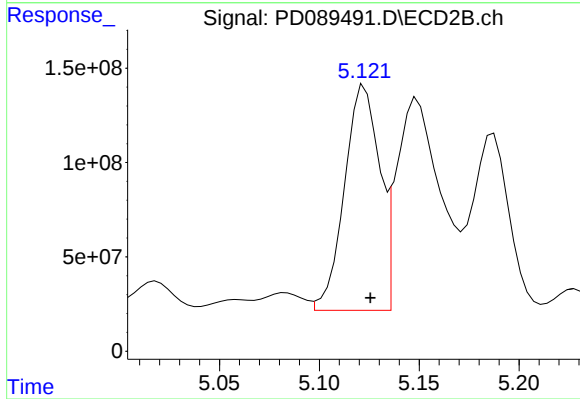
R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 481460565
Conc: 505.94 ng/ml



#25 Chlordane-3

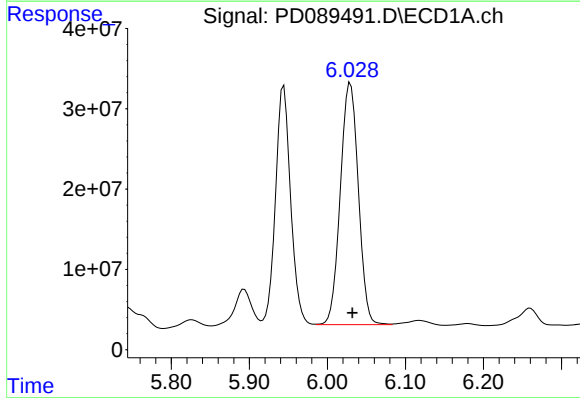
R.T.: 5.944 min
Delta R.T.: -0.002 min
Response: 400781532
Conc: 464.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



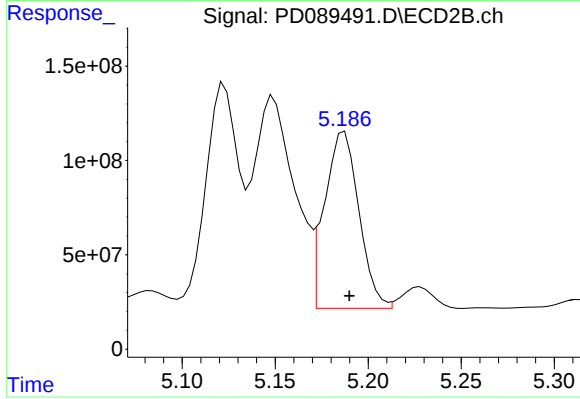
#25 Chlordane-3

R.T.: 5.123 min
Delta R.T.: -0.003 min
Response: 1452567715
Conc: 489.05 ng/ml



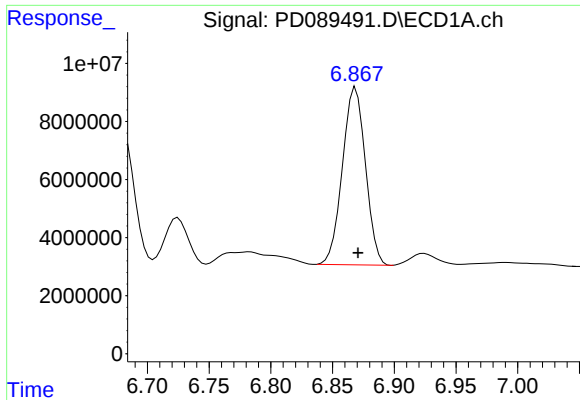
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 483287206
Conc: 459.96 ng/ml



#26 Chlordane-4

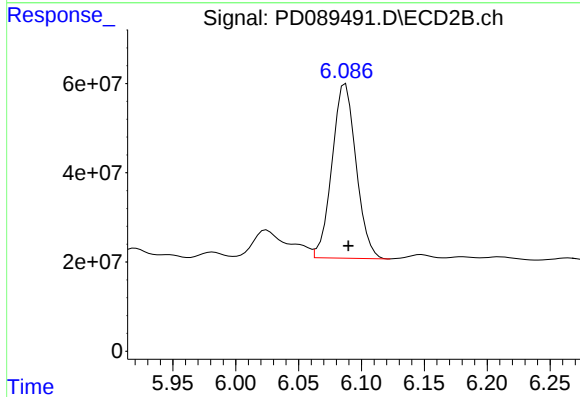
R.T.: 5.187 min
Delta R.T.: -0.003 min
Response: 1204160607
Conc: 480.37 ng/ml



#27 Chlordane-5

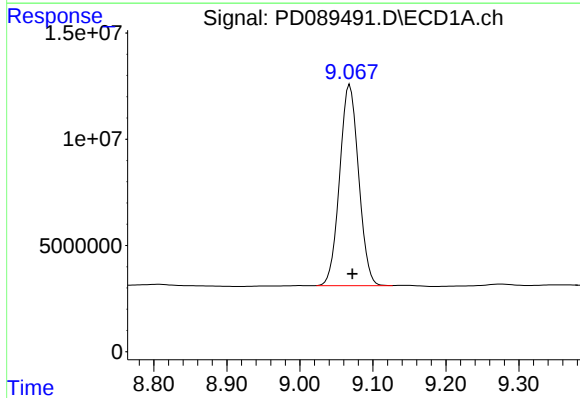
R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 79387357
Conc: 434.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



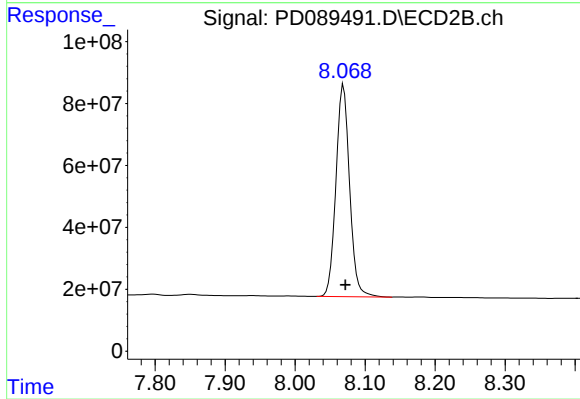
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 520787386
Conc: 460.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.003 min
Response: 170962663
Conc: 43.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: -0.003 min
Response: 928597181
Conc: 46.97 ng/ml