

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
 Data File : PD089704.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2025 15:25
 Operator : AR\AJ
 Sample : PCHLORICV500
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD073125CHLOR

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 06:51:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 06:29:50 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...	3.547	2.877	116.8E6	920.9E6	47.366	58.144
2)	SA Decachlor...	9.068	8.068	173.9E6	968.6E6	46.797	48.241
Target Compounds							
2)	A alpha-BHC	4.020f	3.382	5331896	3750546	1.076	0.154 #
3)	MA gamma-BHC...	4.356f	3.736	2154738	199681	0.453	0.009 #
4)	MA Heptachlor	4.926	4.079	124.8E6	560.3E6	25.933	24.139
5)	MB Aldrin	5.239f	4.379	82083462	45969766	17.981	2.066 #
6)	B beta-BHC	4.526	4.032	129687	1121900	0.070	0.116 #
7)	B delta-BHC	4.776	4.262	410755	44184141	0.090	1.945 #
8)	B Heptachlo...	5.669f	0.000	49263390	0	11.783	N.D. #
9)	A Endosulfan I	0.000	5.227f	0	98349451	N.D.	5.031 #
10)	B gamma-Chl...	5.944	5.122	339.6E6	1127.1E6	81.250	52.053 #
11)	B alpha-Chl...	6.030	5.186	410.6E6	968.1E6	97.673	46.494 #
12)	B 4,4'-DDE	6.180	5.362	2279945	28034660	0.611	1.326 #
13)	MA Dieldrin	6.351	5.491f	22496056	47276914	5.326	2.185 #
14)	MA Endrin	6.595f	5.787	5524795	75952041	1.544	3.812 #
15)	B Endosulfa...	6.767f	6.086	11442580	450.9E6	3.118	23.985 #
16)	A 4,4'-DDD	6.725f	5.918	16028625	-65053209	5.352	N.D. #
17)	MA 4,4'-DDT	7.025	6.180	1334909	5760816	0.397	0.314
18)	B Endrin al...	6.924	6.265	5260180	4258860	2.108	0.330 #
19)	B Endosulfa...	7.148	6.484	821847	16251092	0.237	0.875 #
20)	A Methoxychlor	7.484	6.758	1713827	3947929	0.959	0.403 #
21)	B Endrin ke...	0.000	6.966f	0	5471940	N.D.	0.273 #
23)	Chlordane-1	4.712	3.902	81245774	362.8E6	487.797	495.995
24)	Chlordane-2	5.239	4.484	82083462	377.5E6	483.066	493.864
25)	Chlordane-3	5.944	5.122	339.6E6	1127.1E6	495.100	487.029
26)	Chlordane-4	6.030	5.186	410.6E6	968.1E6	490.532	486.594
27)	Chlordane-5	6.868	6.086	70531851	450.9E6	488.923	498.388

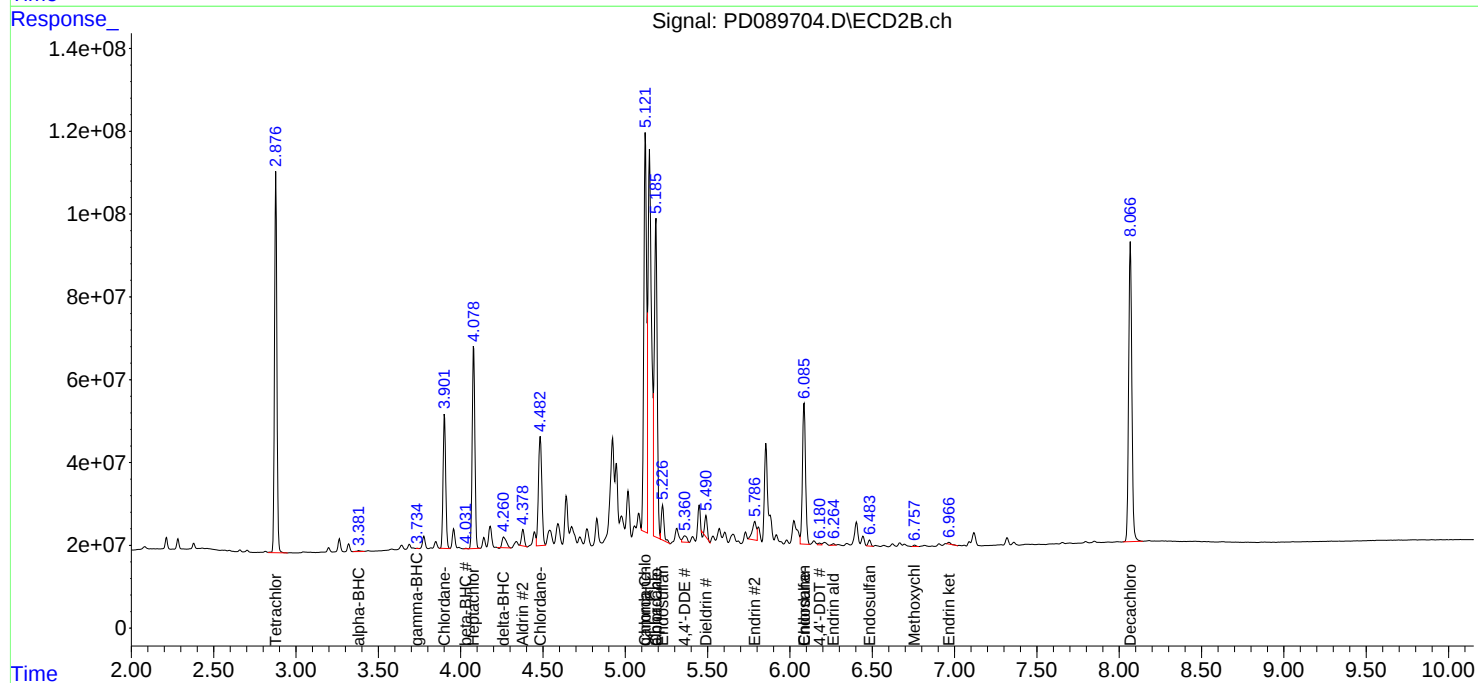
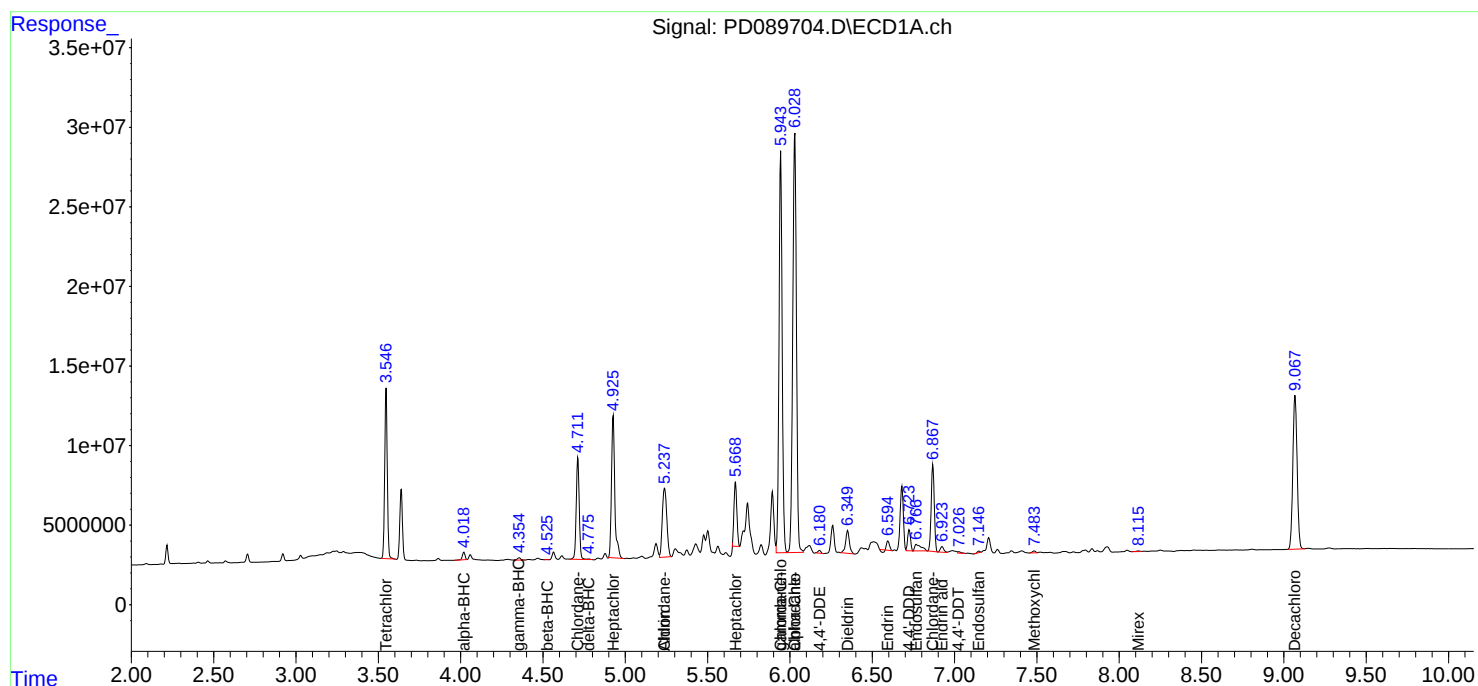
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

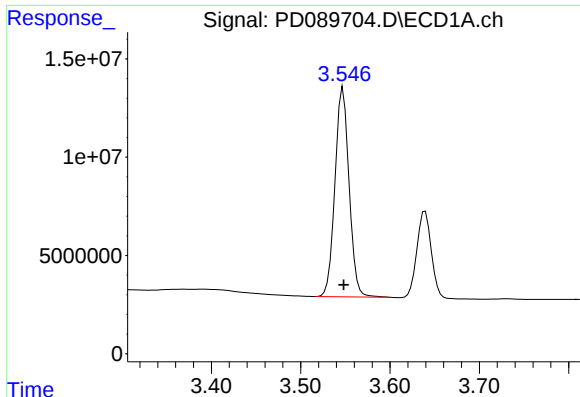
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 15:25
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:51:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:29:50 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

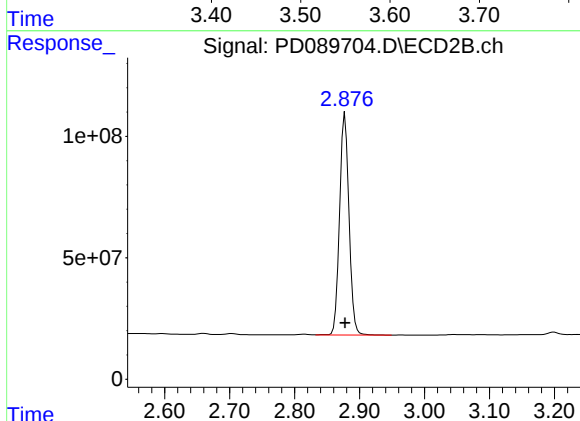




#1 Tetrachloro-m-xylene

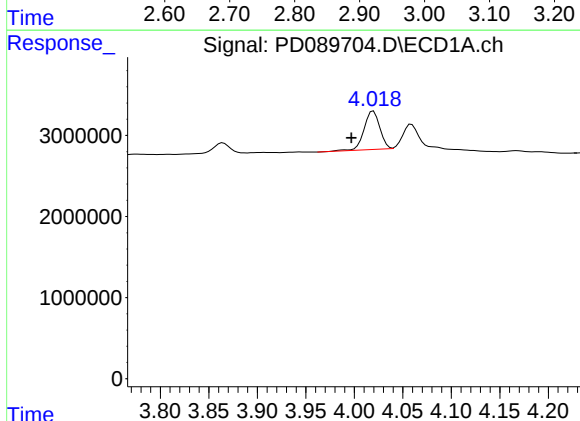
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 116832715
Conc: 47.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR



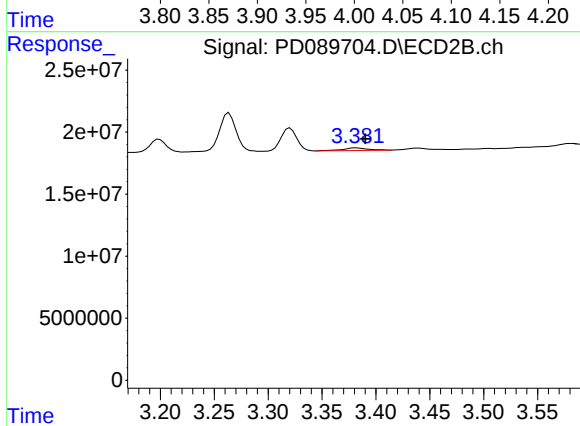
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 920873035
Conc: 58.14 ng/ml



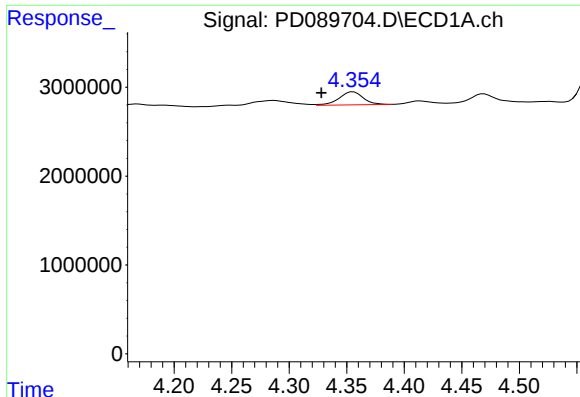
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: 0.023 min
Response: 5331896
Conc: 1.08 ng/ml



#2 alpha-BHC

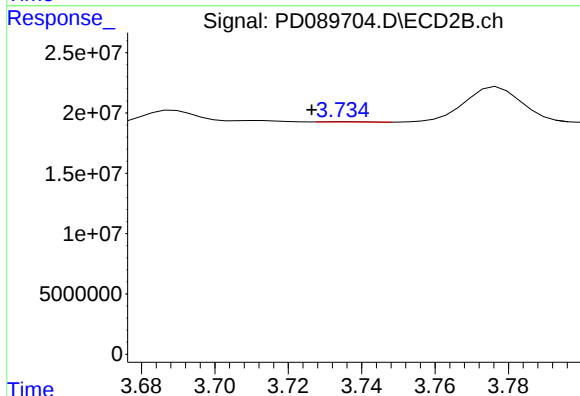
R.T.: 3.382 min
Delta R.T.: -0.008 min
Response: 3750546
Conc: 0.15 ng/ml



#3 gamma-BHC (Lindane)

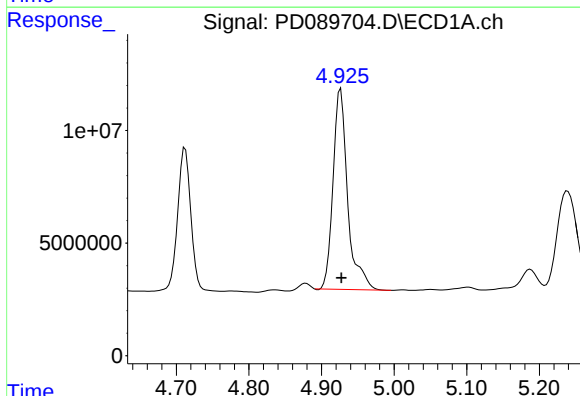
R.T.: 4.356 min
Delta R.T.: 0.027 min
Response: 2154738
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR



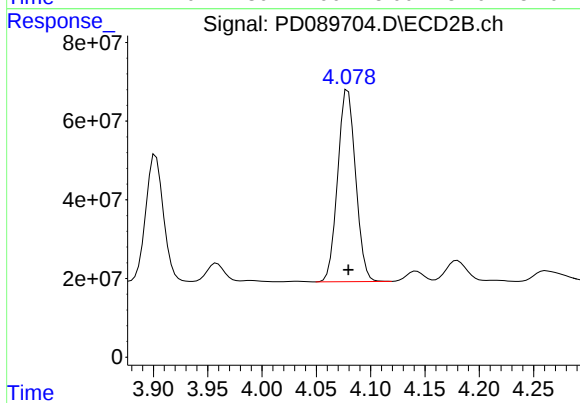
#3 gamma-BHC (Lindane)

R.T.: 3.736 min
Delta R.T.: 0.009 min
Response: 199681
Conc: 0.01 ng/ml



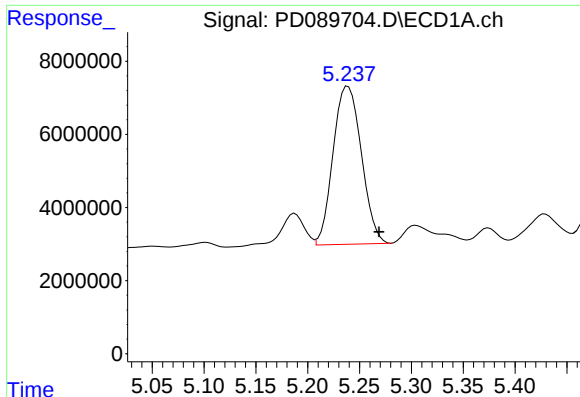
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: -0.001 min
Response: 124777500
Conc: 25.93 ng/ml



#4 Heptachlor

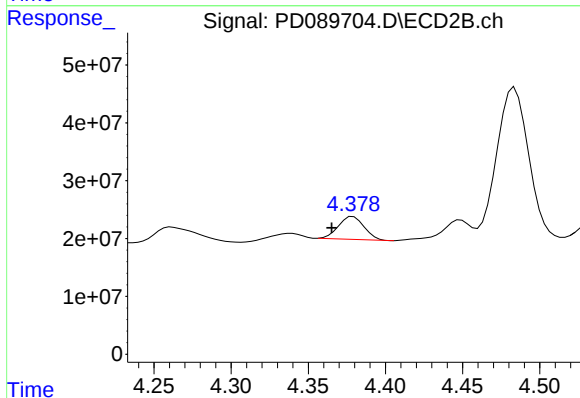
R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 560254255
Conc: 24.14 ng/ml



#5 Aldrin

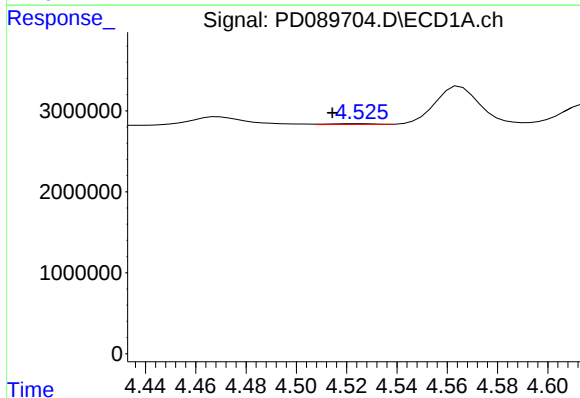
R.T.: 5.239 min
Delta R.T.: -0.030 min
Response: 82083462
Conc: 17.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR



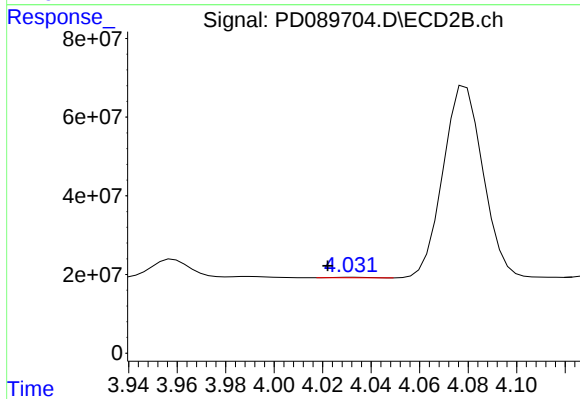
#5 Aldrin

R.T.: 4.379 min
Delta R.T.: 0.014 min
Response: 45969766
Conc: 2.07 ng/ml



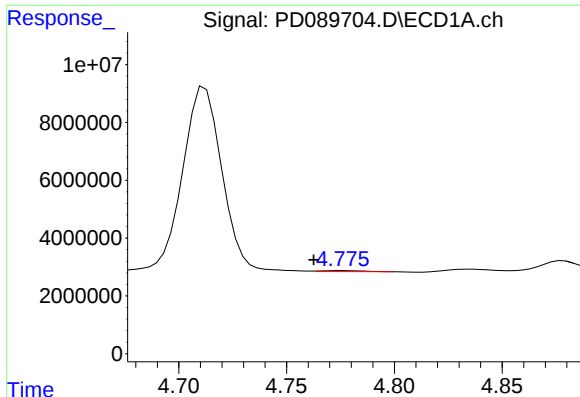
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.012 min
Response: 129687
Conc: 0.07 ng/ml



#6 beta-BHC

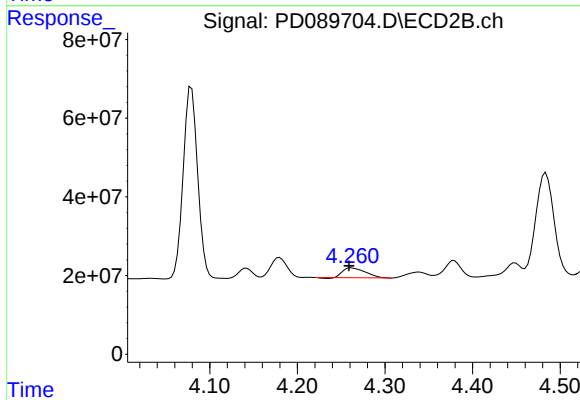
R.T.: 4.032 min
Delta R.T.: 0.010 min
Response: 1121900
Conc: 0.12 ng/ml



#7 delta-BHC

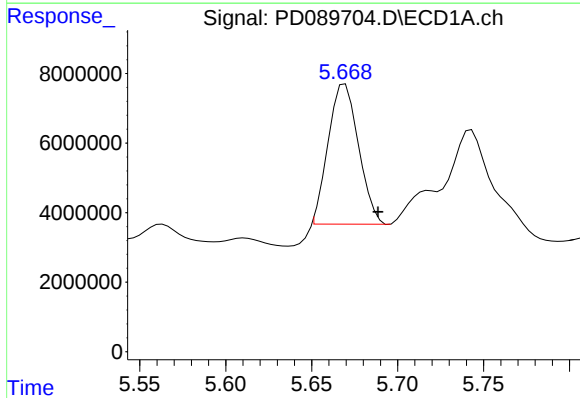
R.T.: 4.776 min
Delta R.T.: 0.014 min
Response: 410755
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR



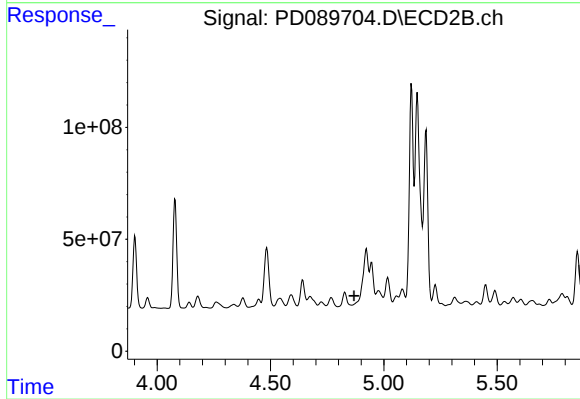
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.003 min
Response: 44184141
Conc: 1.95 ng/ml



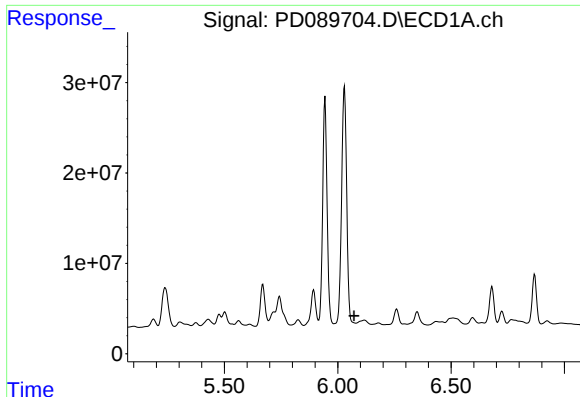
#8 Heptachlor epoxide

R.T.: 5.669 min
Delta R.T.: -0.019 min
Response: 49263390
Conc: 11.78 ng/ml



#8 Heptachlor epoxide

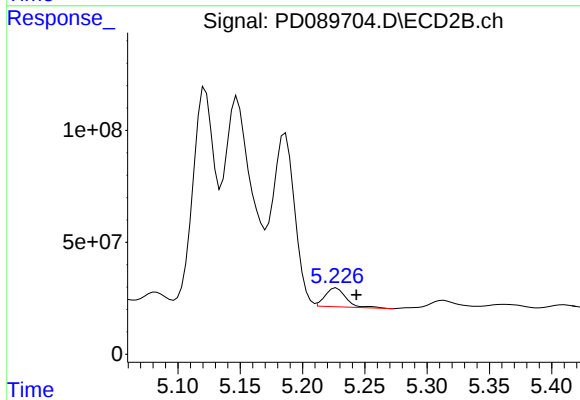
R.T.: 0.000 min
Exp R.T. : 4.869 min
Response: 0
Conc: N.D.



#9 Endosulfan I

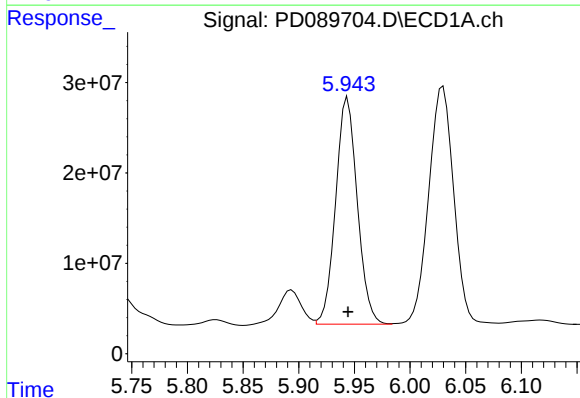
R.T.: 0.000 min
Exp R.T.: 6.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR



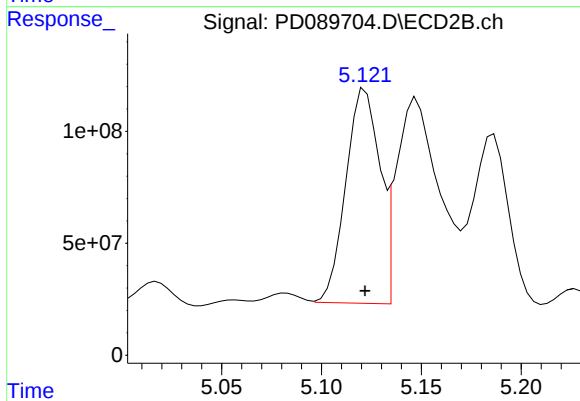
#9 Endosulfan I

R.T.: 5.227 min
Delta R.T.: -0.016 min
Response: 98349451
Conc: 5.03 ng/ml



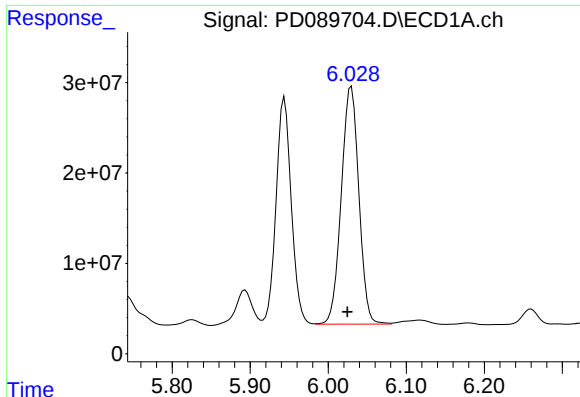
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 339552285
Conc: 81.25 ng/ml



#10 gamma-Chlordane

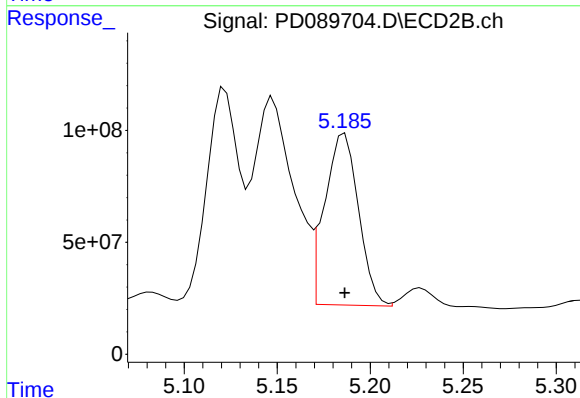
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 1127123825
Conc: 52.05 ng/ml



#11 alpha-Chlordane

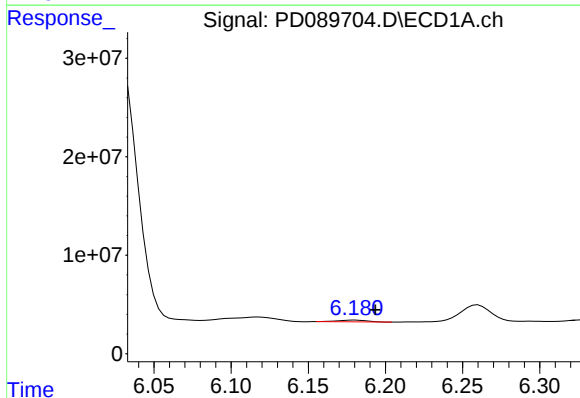
R.T.: 6.030 min
Delta R.T.: 0.005 min
Response: 410633027
Conc: 97.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR



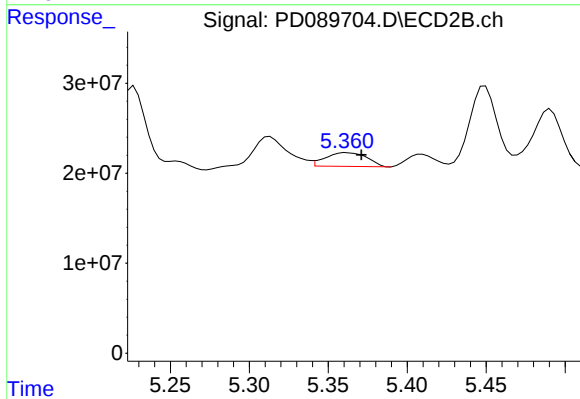
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 968095903
Conc: 46.49 ng/ml



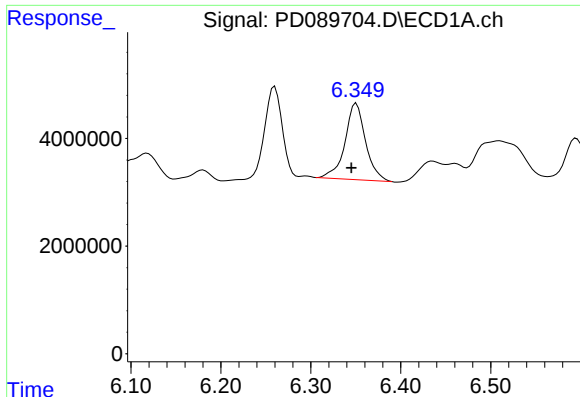
#12 4,4'-DDE

R.T.: 6.180 min
Delta R.T.: -0.013 min
Response: 2279945
Conc: 0.61 ng/ml



#12 4,4'-DDE

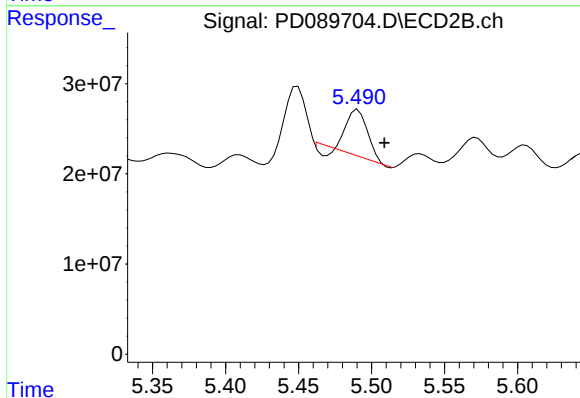
R.T.: 5.362 min
Delta R.T.: -0.009 min
Response: 28034660
Conc: 1.33 ng/ml



#13 Dieldrin

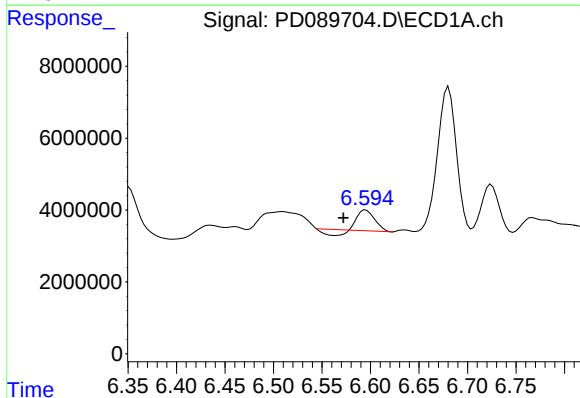
R.T.: 6.351 min
Delta R.T.: 0.006 min
Response: 22496056
Conc: 5.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR



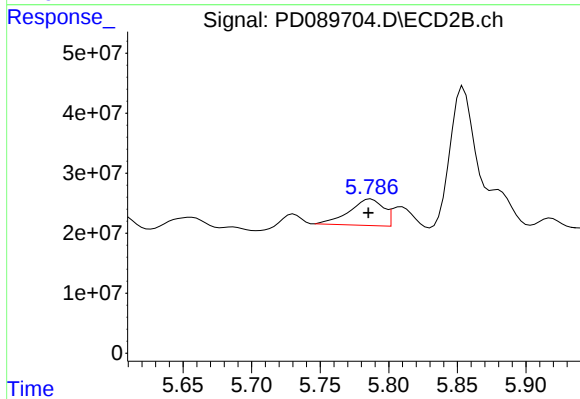
#13 Dieldrin

R.T.: 5.491 min
Delta R.T.: -0.018 min
Response: 47276914
Conc: 2.18 ng/ml



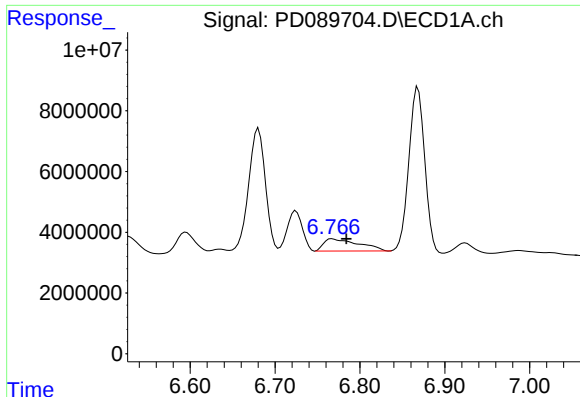
#14 Endrin

R.T.: 6.595 min
Delta R.T.: 0.023 min
Response: 5524795
Conc: 1.54 ng/ml



#14 Endrin

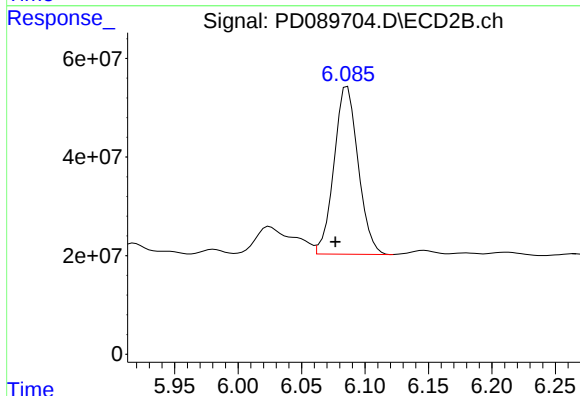
R.T.: 5.787 min
Delta R.T.: 0.002 min
Response: 75952041
Conc: 3.81 ng/ml



#15 Endosulfan II

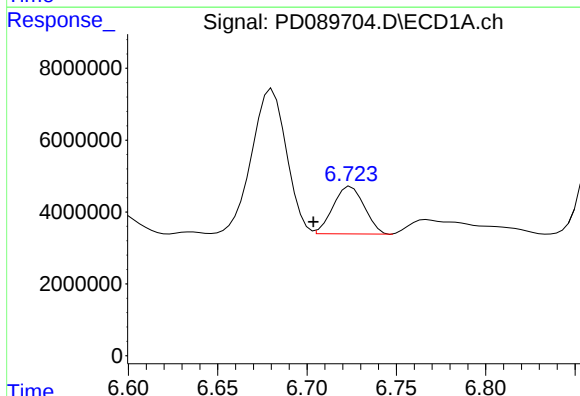
R.T.: 6.767 min
Delta R.T.: -0.017 min
Response: 11442580
Conc: 3.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR



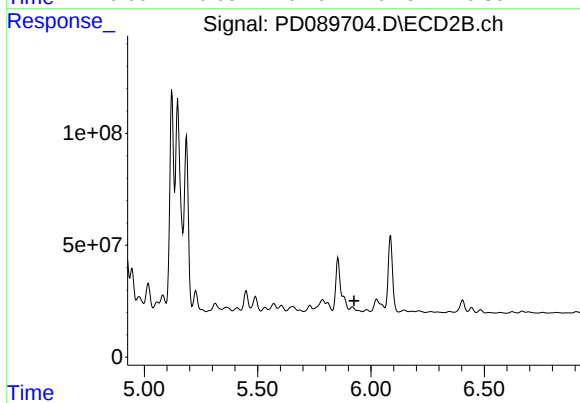
#15 Endosulfan II

R.T.: 6.086 min
Delta R.T.: 0.009 min
Response: 450898933
Conc: 23.98 ng/ml



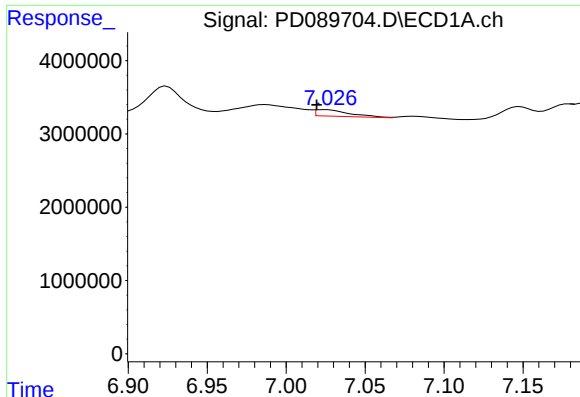
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.021 min
Response: 16028625
Conc: 5.35 ng/ml



#16 4,4'-DDD

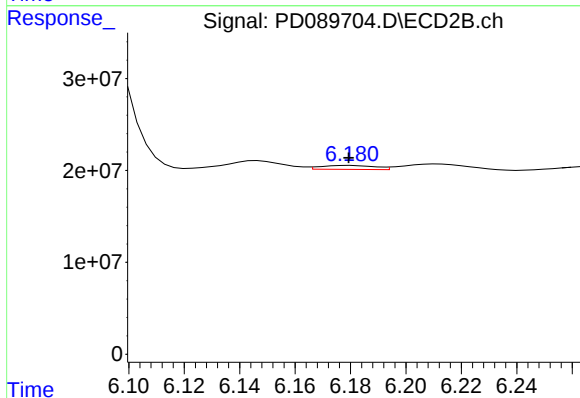
R.T.: 5.918 min
Delta R.T.: -0.007 min
Response: -65053209
Conc: N.D.



#17 4,4'-DDT

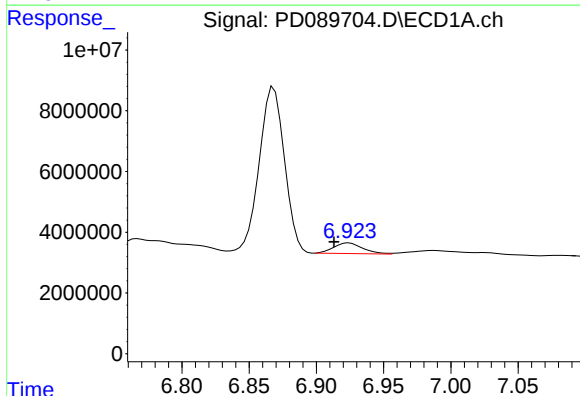
R.T.: 7.025 min
Delta R.T.: 0.005 min
Response: 1334909
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR



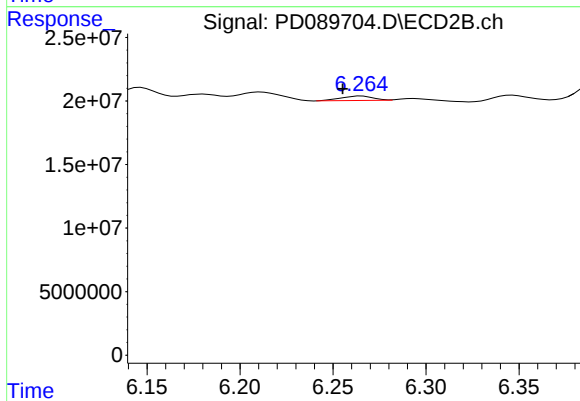
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 5760816
Conc: 0.31 ng/ml



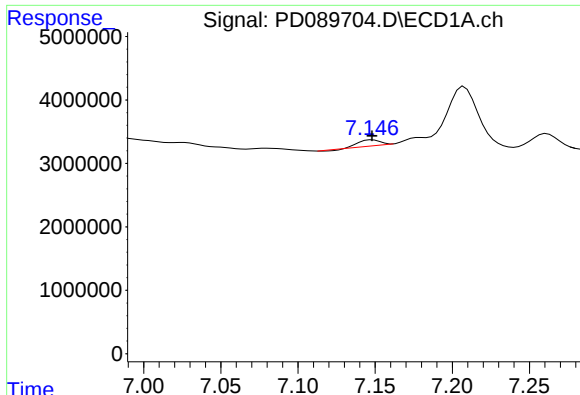
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.011 min
Response: 5260180
Conc: 2.11 ng/ml



#18 Endrin aldehyde

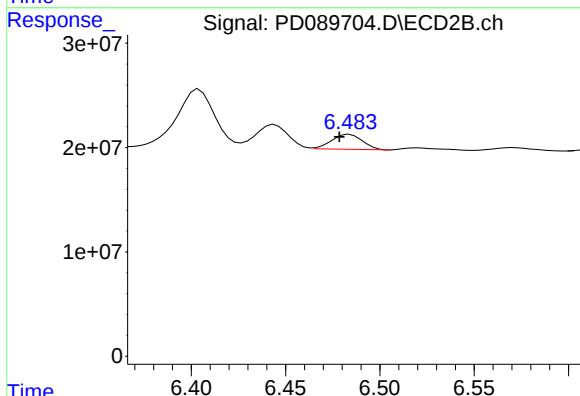
R.T.: 6.265 min
Delta R.T.: 0.010 min
Response: 4258860
Conc: 0.33 ng/ml



#19 Endosulfan Sulfate

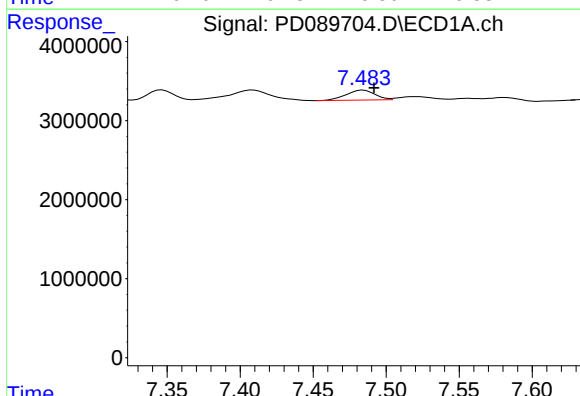
R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 821847
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR



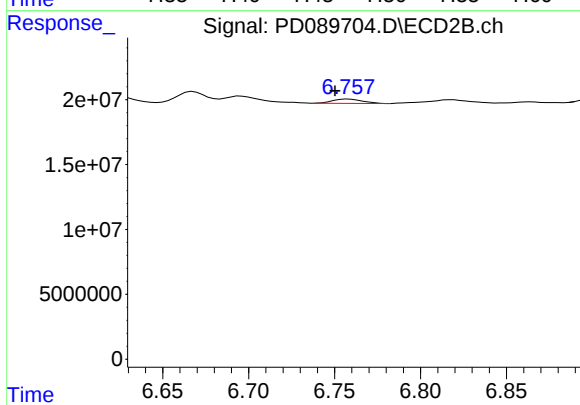
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: 0.005 min
Response: 16251092
Conc: 0.88 ng/ml



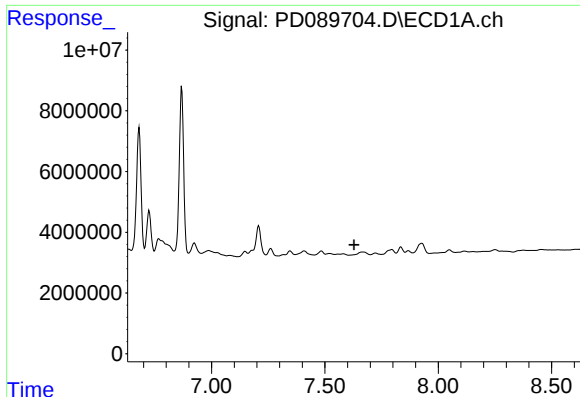
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.007 min
Response: 1713827
Conc: 0.96 ng/ml



#20 Methoxychlor

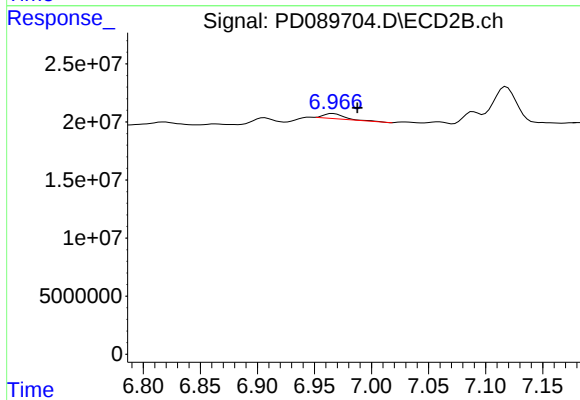
R.T.: 6.758 min
Delta R.T.: 0.008 min
Response: 3947929
Conc: 0.40 ng/ml



#21 Endrin ketone

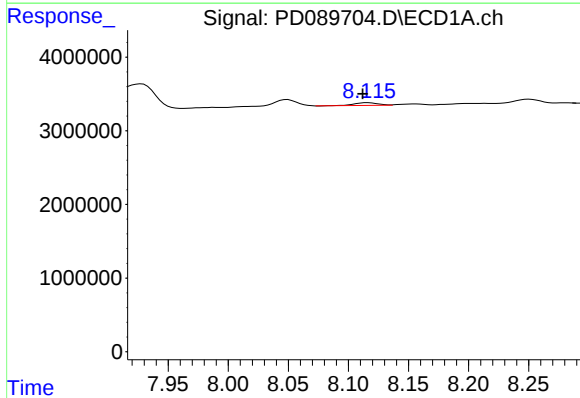
R.T.: 0.000 min
Exp R.T.: 7.629 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR



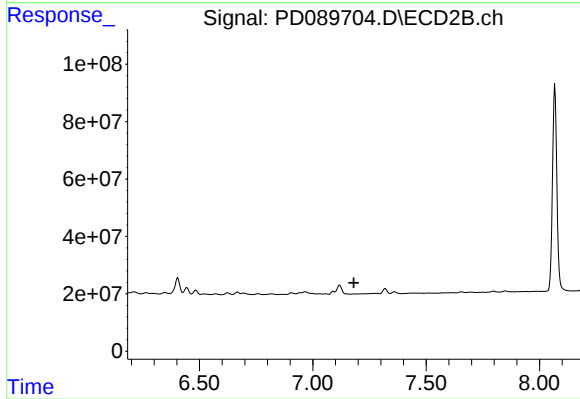
#21 Endrin ketone

R.T.: 6.966 min
Delta R.T.: -0.021 min
Response: 5471940
Conc: 0.27 ng/ml



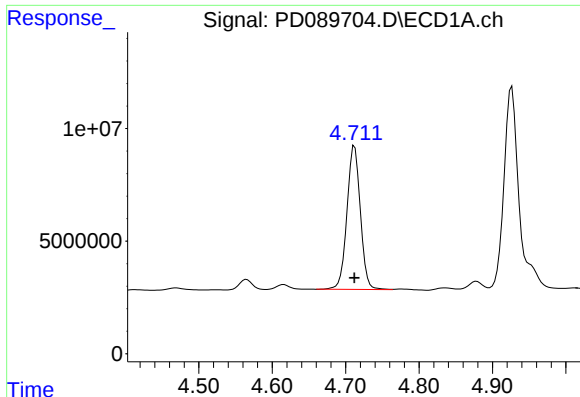
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.005 min
Response: 506897
Conc: 0.18 ng/ml



#22 Mirex

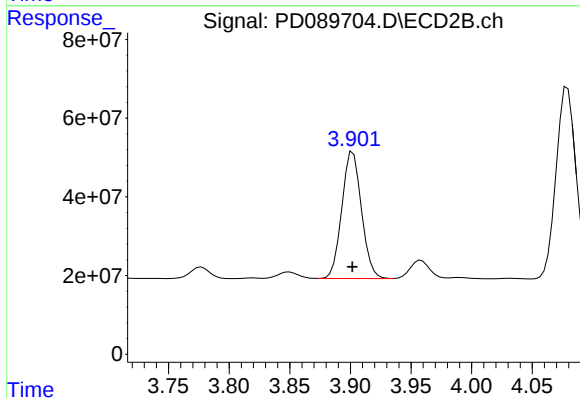
R.T.: 7.198 min
Delta R.T.: 0.017 min
Response: -3762754
Conc: N.D.



#23 Chlordane-1

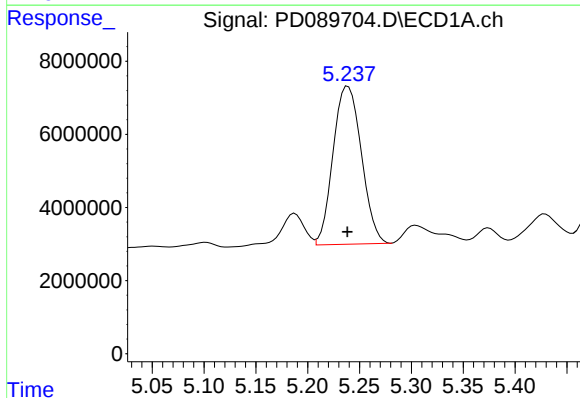
R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 81245774
Conc: 487.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR



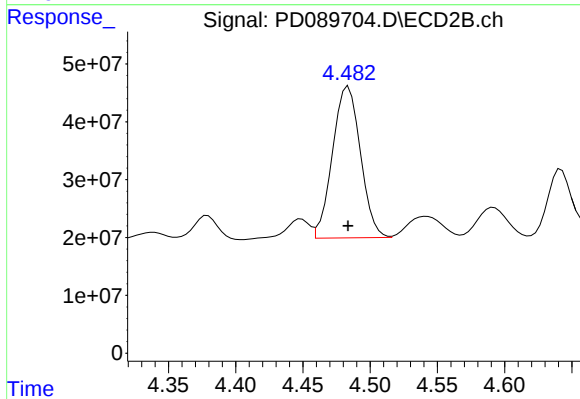
#23 Chlordane-1

R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 362769751
Conc: 496.00 ng/ml



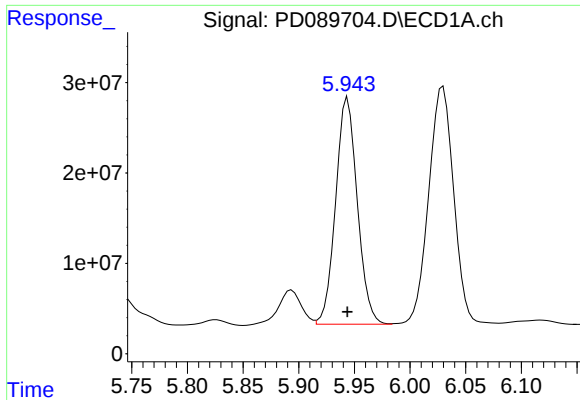
#24 Chlordane-2

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 82083462
Conc: 483.07 ng/ml



#24 Chlordane-2

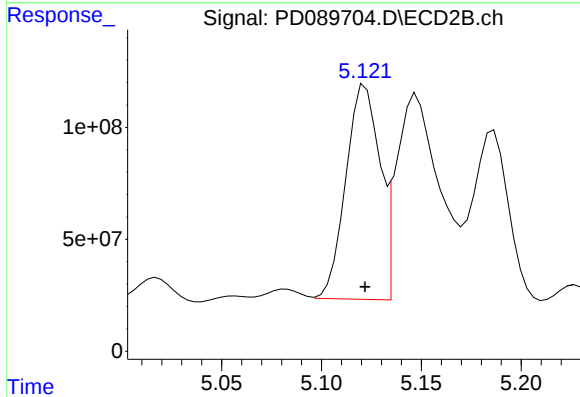
R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 377490170
Conc: 493.86 ng/ml



#25 Chlordane-3

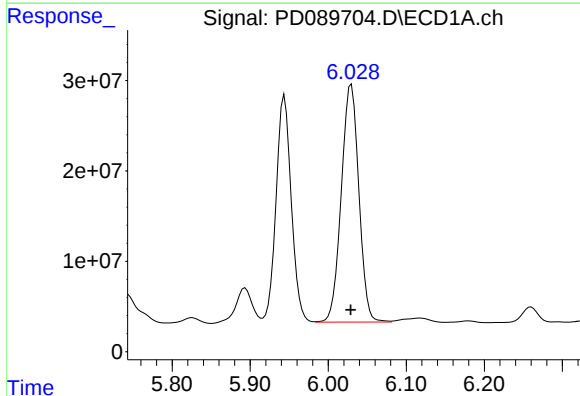
R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 339552285
Conc: 495.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR



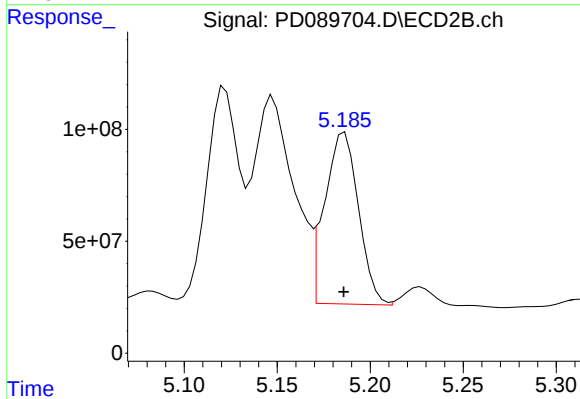
#25 Chlordane-3

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 1127123825
Conc: 487.03 ng/ml



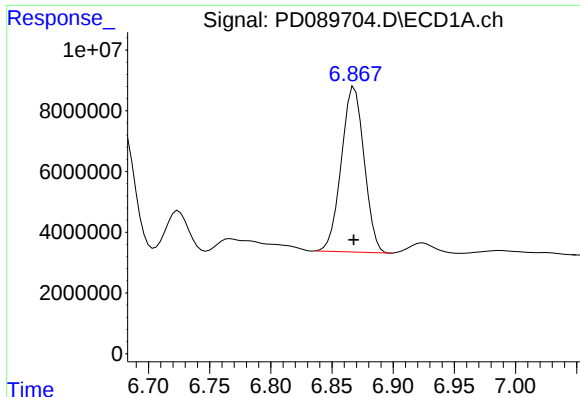
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 410633027
Conc: 490.53 ng/ml



#26 Chlordane-4

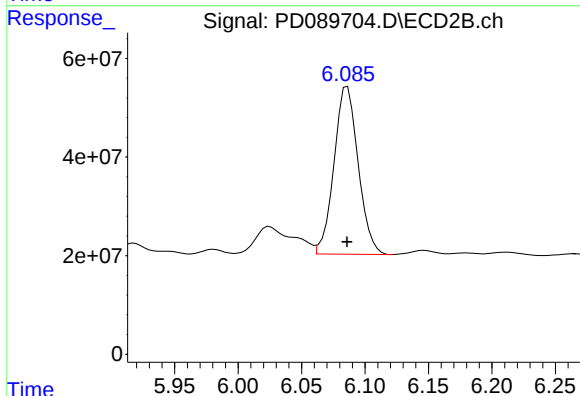
R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 968095903
Conc: 486.59 ng/ml



#27 Chlordane-5

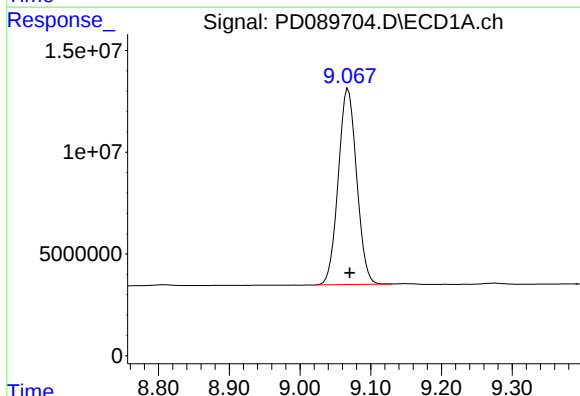
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 70531851
Conc: 488.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR



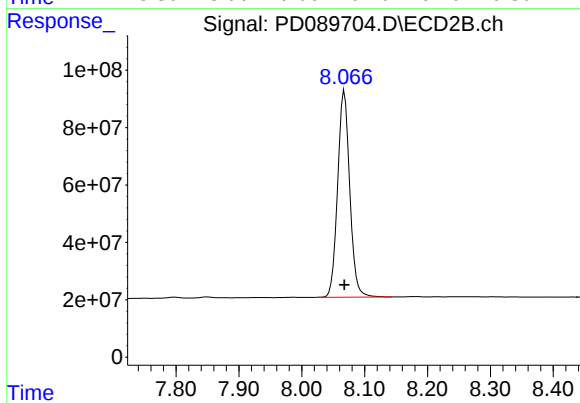
#27 Chlordane-5

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 450898933
Conc: 498.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 173911490
Conc: 46.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 968583394
Conc: 48.24 ng/ml