

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
 Data File : PD089305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 17:20
 Operator : AR\AJ
 Sample : PB168693BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB168693BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:40:01 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...	3.556	2.880	54166539	384.3E6	18.985	22.669
28)	SA Decachlor...	9.080	8.073	80734322	416.1E6	20.555	21.049
Target Compounds							
2)	A alpha-BHC	4.006	3.393	283.6E6	1333.4E6	48.653	49.759
3)	MA gamma-BHC...	4.337	3.730	272.8E6	1190.1E6	48.866	48.072
4)	MA Heptachlor	4.936	4.083	260.9E6	1174.2E6	47.856	46.897
5)	MB Aldrin	5.278	4.369	261.2E6	1180.3E6	49.158	48.740
6)	B beta-BHC	4.522	4.026	104.7E6	505.4E6	47.460	47.029
7)	B delta-BHC	4.771	4.262	258.7E6	1211.1E6	50.396	48.691
8)	B Heptachlo...	5.697	4.873	231.7E6	1261.2E6	48.023	57.592
9)	A Endosulfan I	6.081	5.247	221.3E6	957.0E6	49.103	45.916
10)	B gamma-Chl...	5.953	5.126	232.9E6	1260.2E6	48.647	52.678
11)	B alpha-Chl...	6.034	5.191	236.0E6	1156.0E6	48.783	50.486
12)	B 4,4'-DDE	6.203	5.376	204.4E6	1111.7E6	46.863	48.514
13)	MA Dieldrin	6.354	5.514	236.2E6	1093.3E6	49.244	47.110
14)	MA Endrin	6.581	5.791	197.3E6	1182.2E6	47.818	54.444
15)	B Endosulfa...	6.793	6.081	192.1E6	969.8E6	47.583	48.017
16)	A 4,4'-DDD	6.712	5.930	183.6E6	900.4E6	53.508	47.066
17)	MA 4,4'-DDT	7.027	6.184	166.3E6	890.4E6	43.900	43.909
18)	B Endrin al...	6.921	6.260	148.7E6	738.5E6	48.536	48.232
19)	B Endosulfa...	7.156	6.483	182.3E6	919.5E6	47.513	46.862
20)	A Methoxychlor	7.499	6.755	90639290	483.5E6	44.857	44.900
21)	B Endrin ke...	7.636	6.993	197.1E6	1086.4E6	48.400	50.293
22)	Mirex	8.120	7.186	110.4E6	596.2E6	36.299	35.745
23)	Chlordane-1	0.000	3.901	0	1570261	N.D.	1.684 #
24)	Chlordane-2	0.000	4.500	0	72867658	N.D.	76.573 #
25)	Chlordane-3	5.953	5.126	232.9E6	1260.2E6	270.065	424.282 #
26)	Chlordane-4	6.034	5.191	236.0E6	1156.0E6	224.649	461.146 #
27)	Chlordane-5	6.876	6.081	578804	969.8E6	3.167	856.948 #

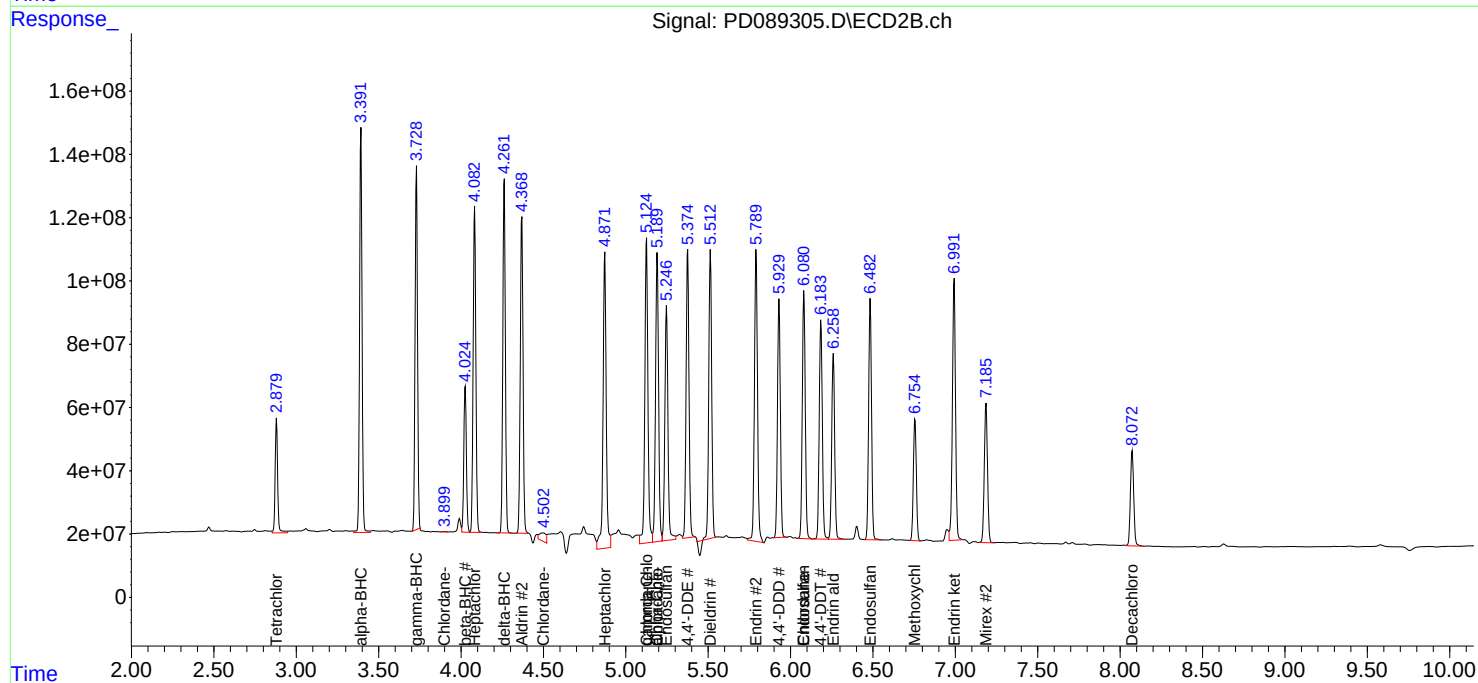
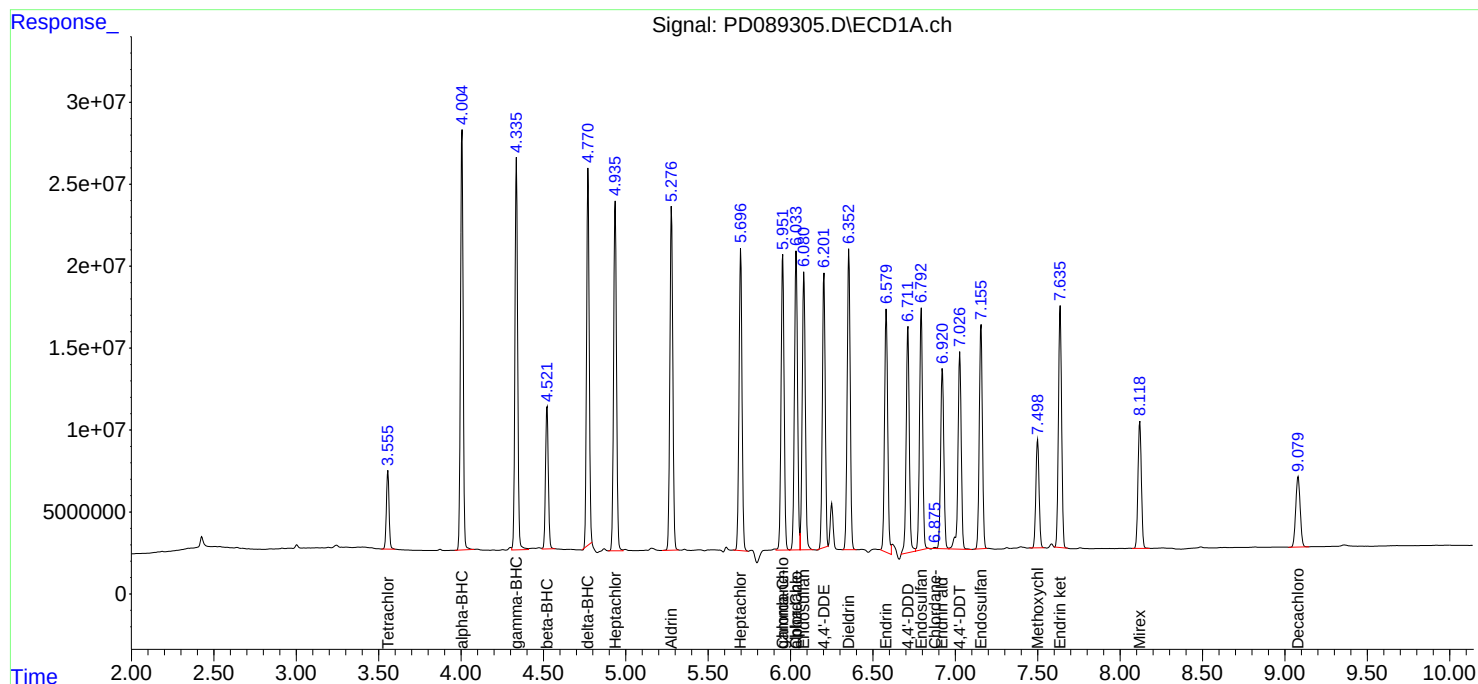
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

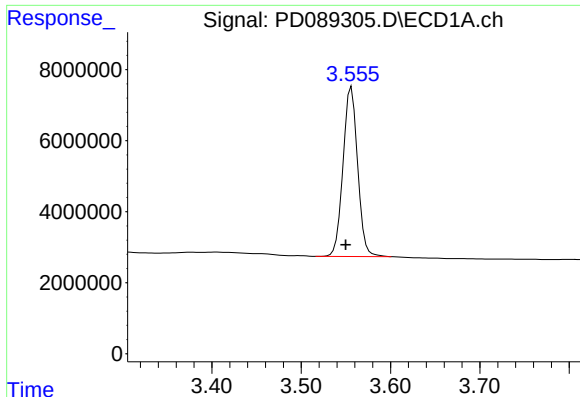
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
Data File : PD089305.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 17:20
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Integration File signal 1: autoint1.e
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Quant Time: Jul 03 01:40:01 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
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

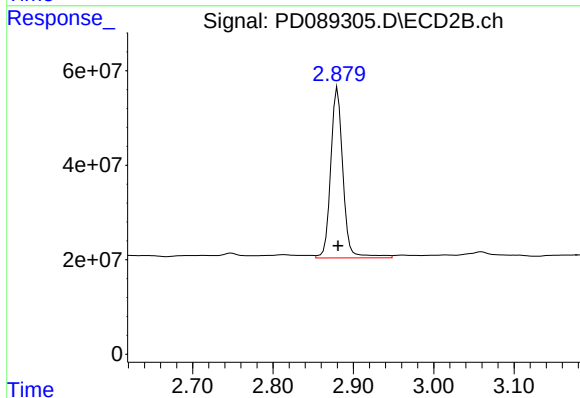




#1 Tetrachloro-m-xylene

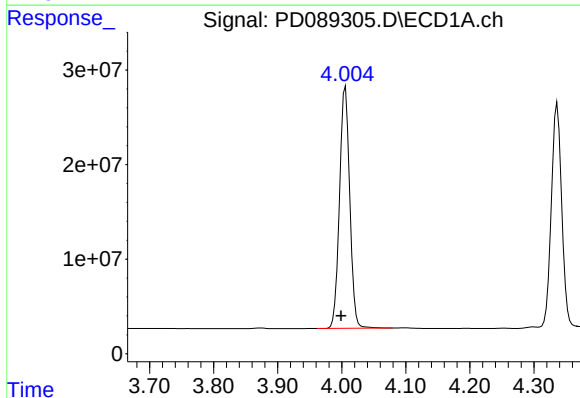
R.T.: 3.556 min
Delta R.T.: 0.006 min
Response: 54166539
Conc: 18.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168693BS



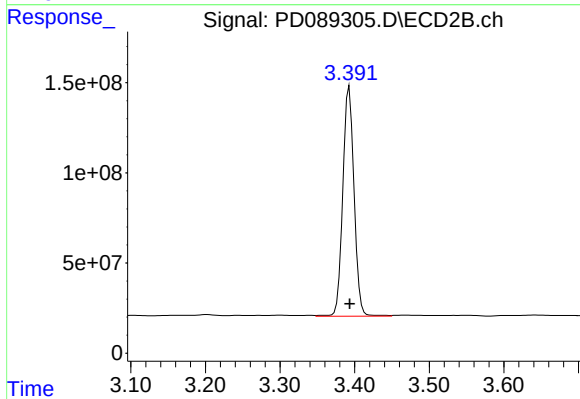
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 384317818
Conc: 22.67 ng/ml



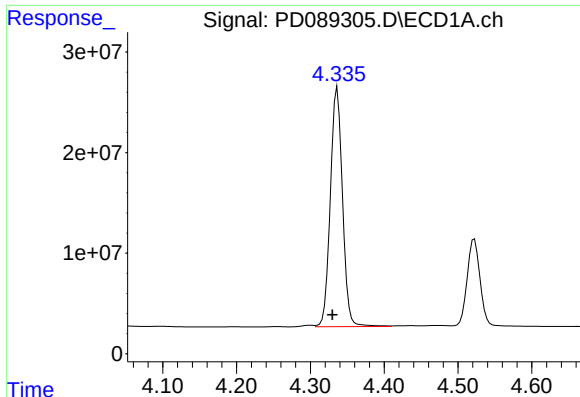
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.007 min
Response: 283601139
Conc: 48.65 ng/ml



#2 alpha-BHC

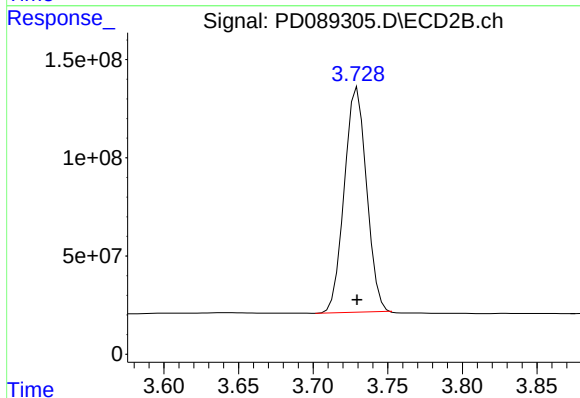
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1333404661
Conc: 49.76 ng/ml



#3 gamma-BHC (Lindane)

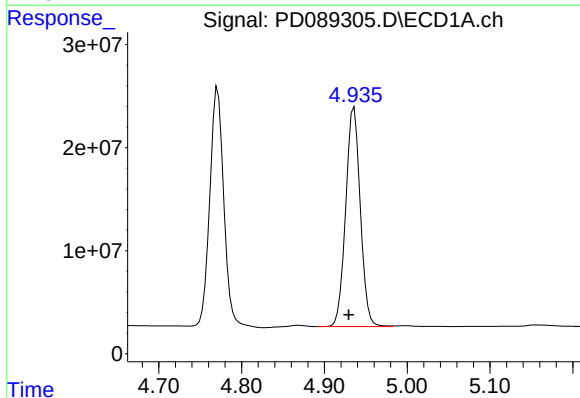
R.T.: 4.337 min
Delta R.T.: 0.006 min
Response: 272753640
Conc: 48.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168693BS



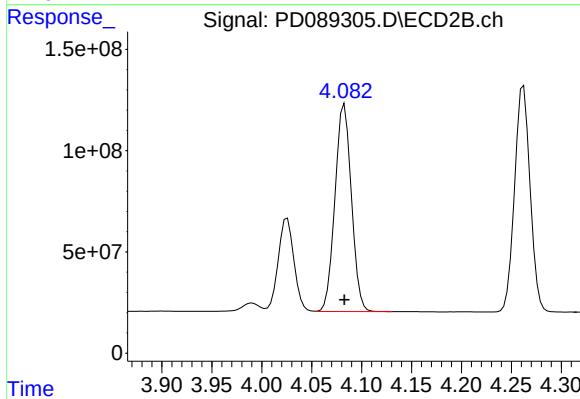
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 1190106865
Conc: 48.07 ng/ml



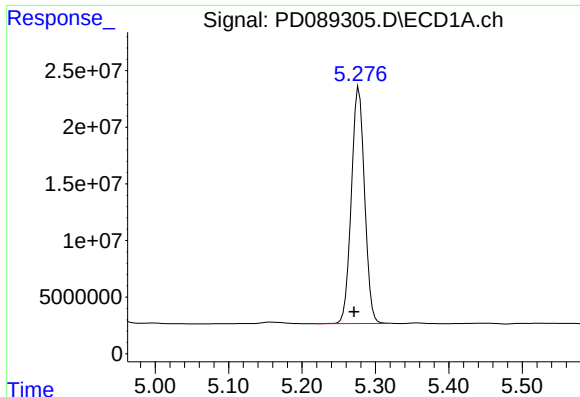
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: 0.006 min
Response: 260906481
Conc: 47.86 ng/ml



#4 Heptachlor

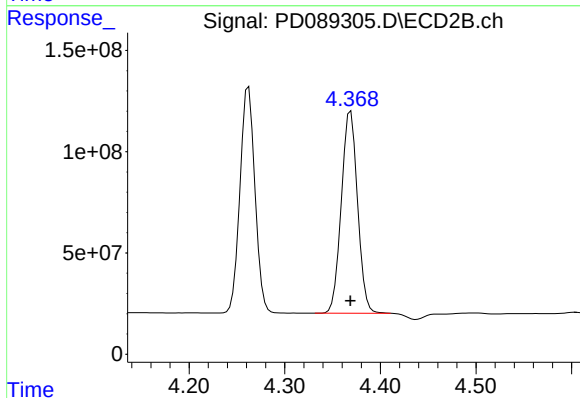
R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 1174227127
Conc: 46.90 ng/ml



#5 Aldrin

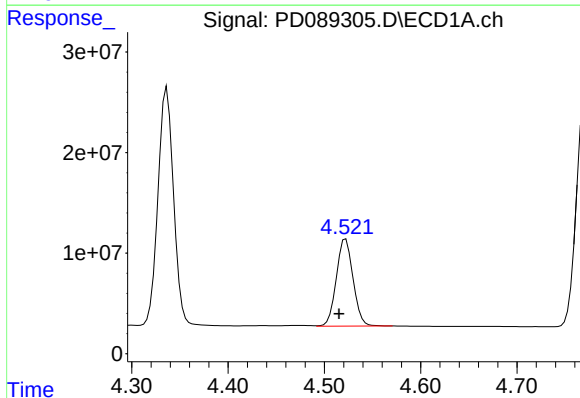
R.T.: 5.278 min
Delta R.T.: 0.007 min
Response: 261177011
Conc: 49.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168693BS



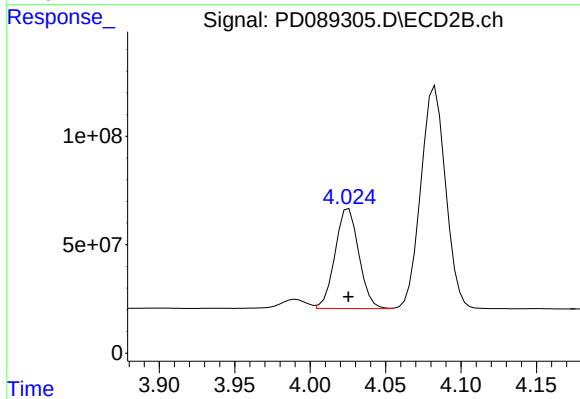
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1180341613
Conc: 48.74 ng/ml



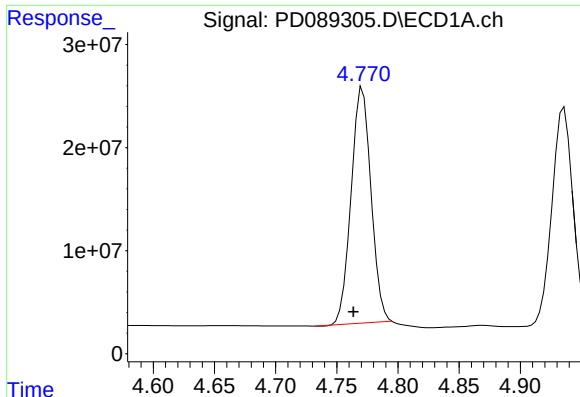
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.007 min
Response: 104749781
Conc: 47.46 ng/ml



#6 beta-BHC

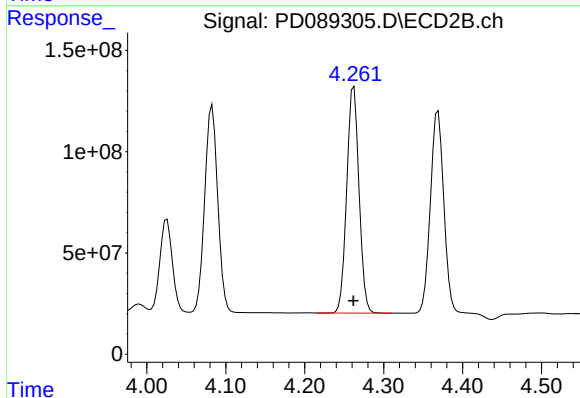
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 505384491
Conc: 47.03 ng/ml



#7 delta-BHC

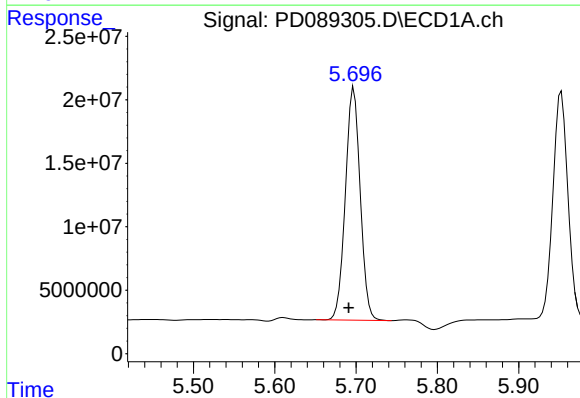
R.T.: 4.771 min
Delta R.T.: 0.008 min
Response: 258679943
Conc: 50.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168693BS



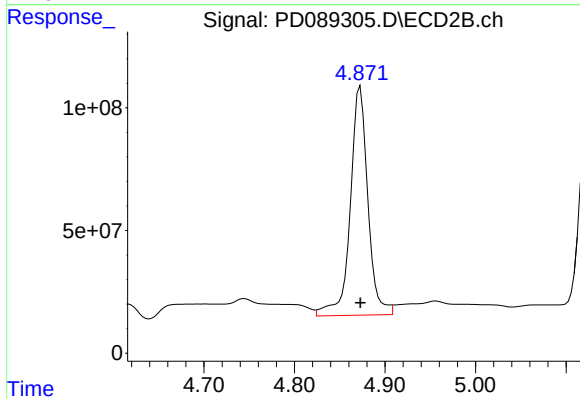
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1211116326
Conc: 48.69 ng/ml



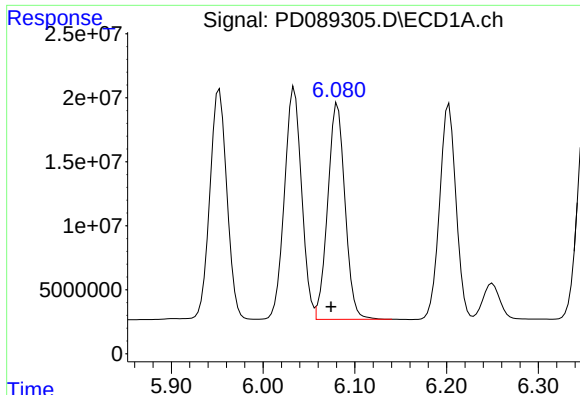
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.007 min
Response: 231658466
Conc: 48.02 ng/ml



#8 Heptachlor epoxide

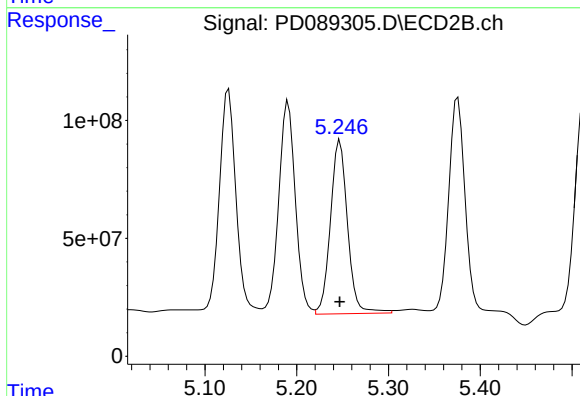
R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 1261151470
Conc: 57.59 ng/ml



#9 Endosulfan I

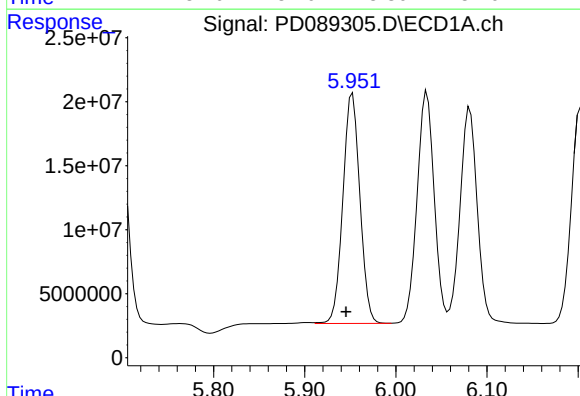
R.T.: 6.081 min
Delta R.T.: 0.007 min
Response: 221327541
Conc: 49.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168693BS



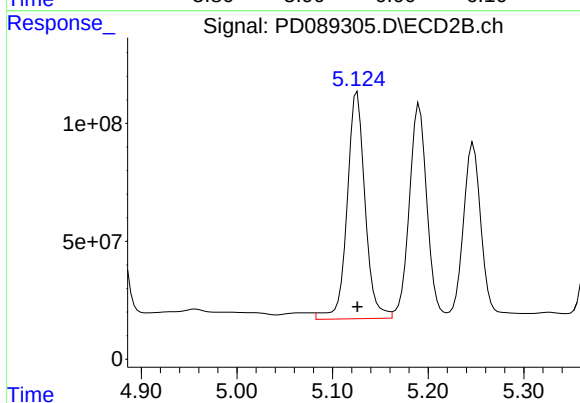
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 957002796
Conc: 45.92 ng/ml



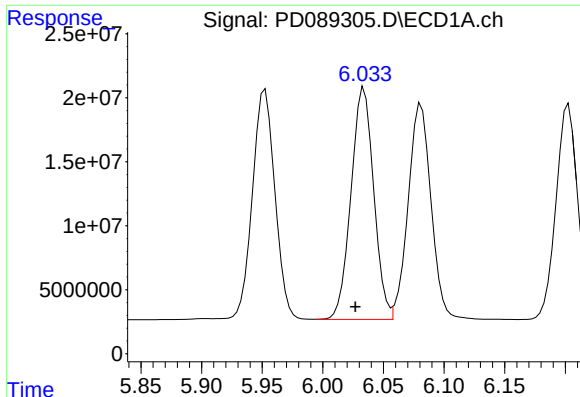
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.007 min
Response: 232926410
Conc: 48.65 ng/ml



#10 gamma-Chlordane

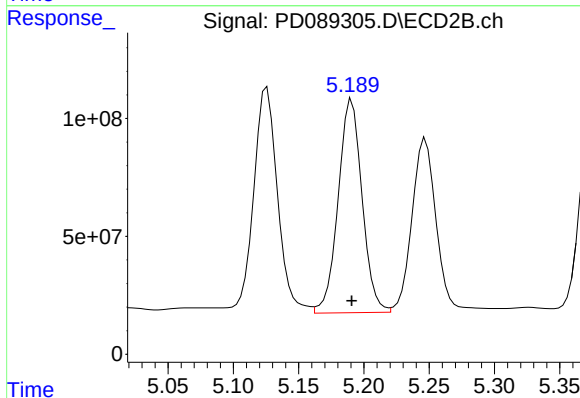
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 1260202190
Conc: 52.68 ng/ml



#11 alpha-Chlordane

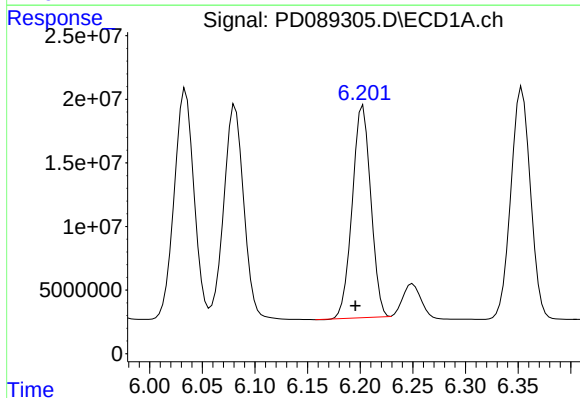
R.T.: 6.034 min
Delta R.T.: 0.007 min
Response: 236040330
Conc: 48.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168693BS



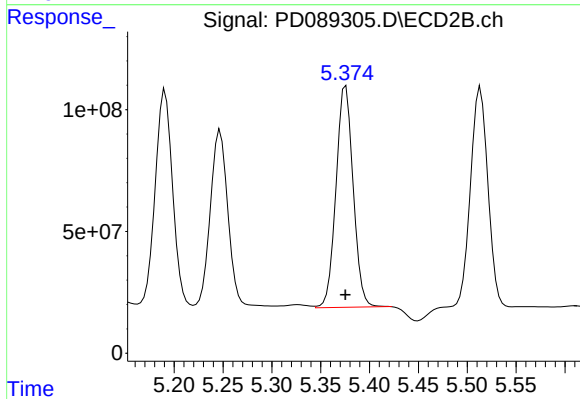
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 1155963653
Conc: 50.49 ng/ml



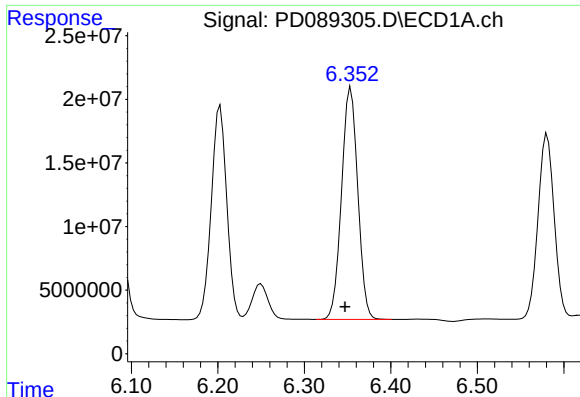
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.007 min
Response: 204369511
Conc: 46.86 ng/ml



#12 4,4'-DDE

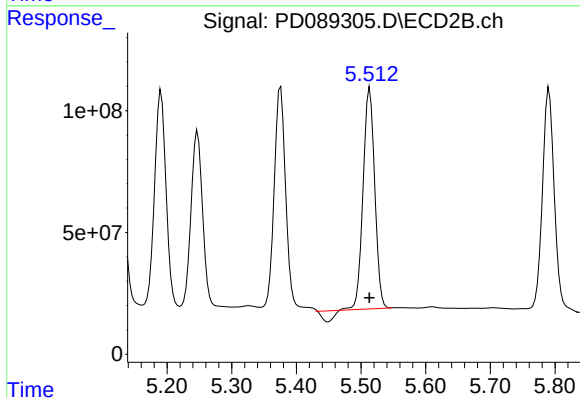
R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 1111744798
Conc: 48.51 ng/ml



#13 Dieldrin

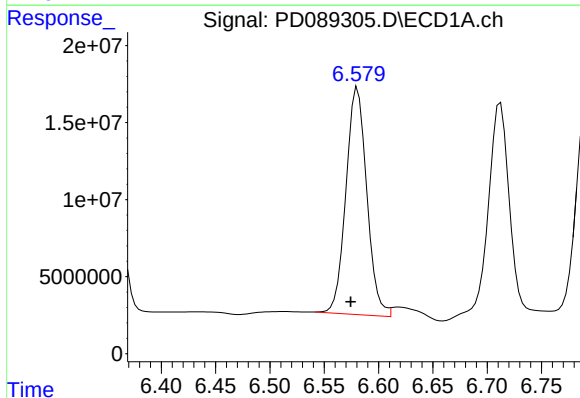
R.T.: 6.354 min
Delta R.T.: 0.007 min
Response: 236247058
Conc: 49.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168693BS



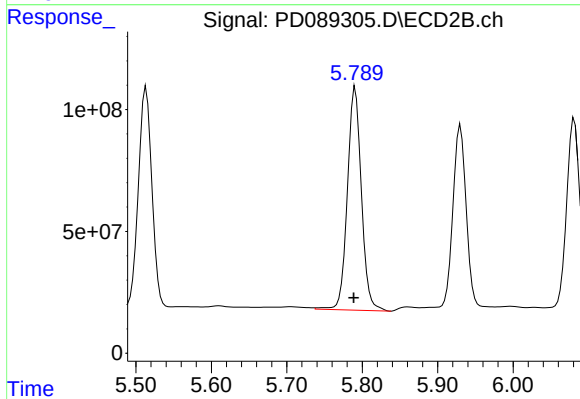
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 1093349043
Conc: 47.11 ng/ml



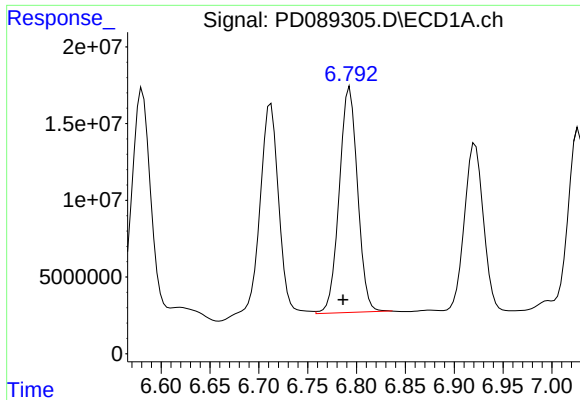
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.006 min
Response: 197275449
Conc: 47.82 ng/ml



#14 Endrin

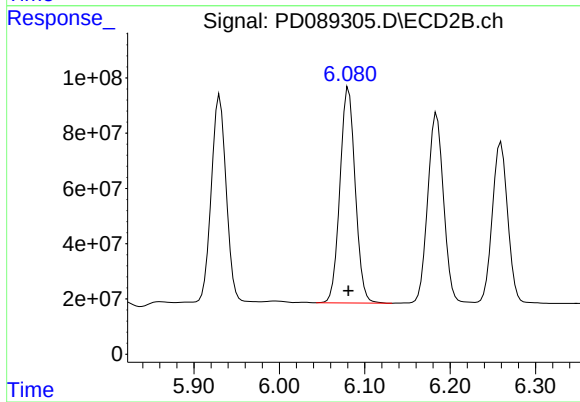
R.T.: 5.791 min
Delta R.T.: 0.002 min
Response: 1182201707
Conc: 54.44 ng/ml



#15 Endosulfan II

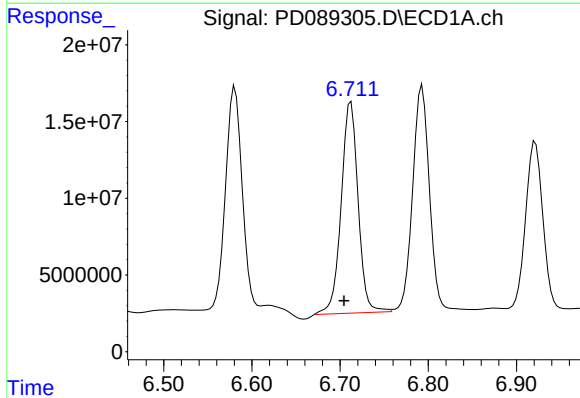
R.T.: 6.793 min
Delta R.T.: 0.007 min
Response: 192073550
Conc: 47.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168693BS



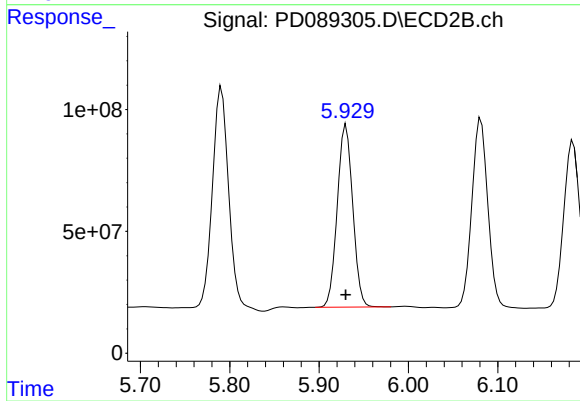
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 969775061
Conc: 48.02 ng/ml



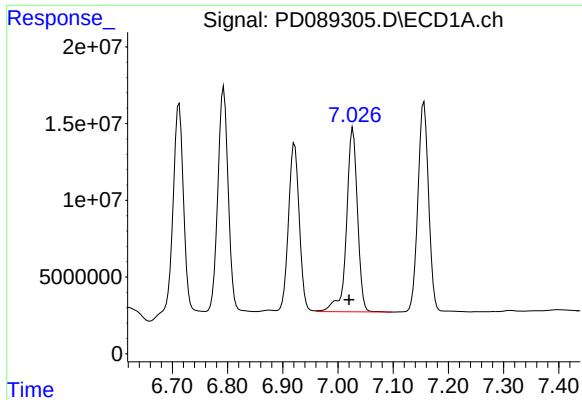
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.008 min
Response: 183643003
Conc: 53.51 ng/ml



#16 4,4'-DDD

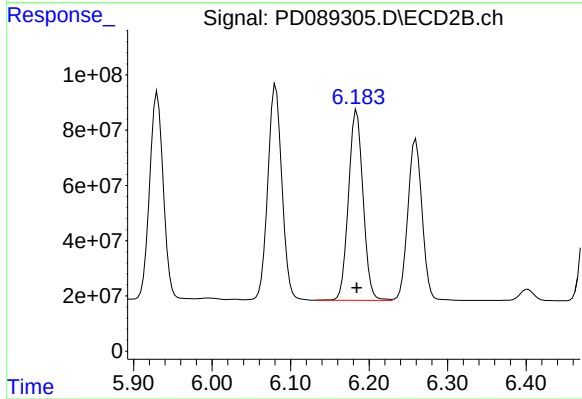
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 900352194
Conc: 47.07 ng/ml



#17 4,4'-DDT

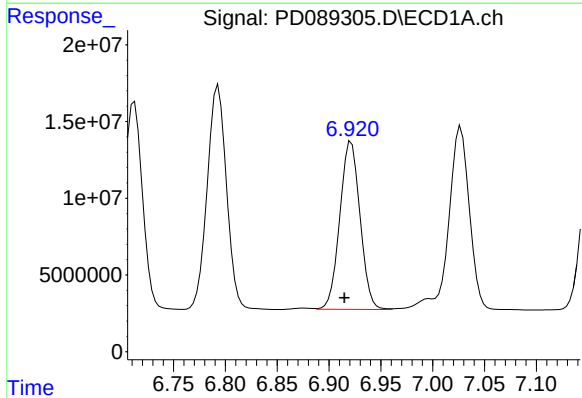
R.T.: 7.027 min
Delta R.T.: 0.007 min
Response: 166302430
Conc: 43.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168693BS



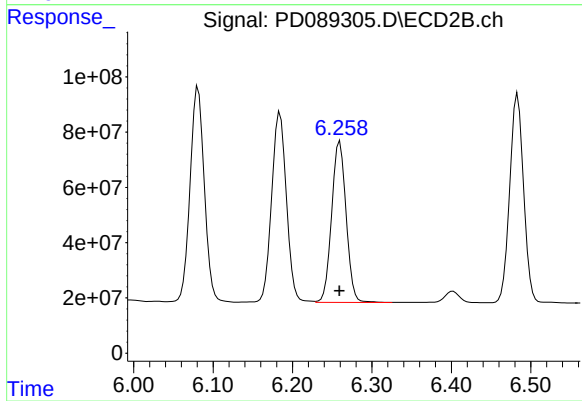
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 890444693
Conc: 43.91 ng/ml



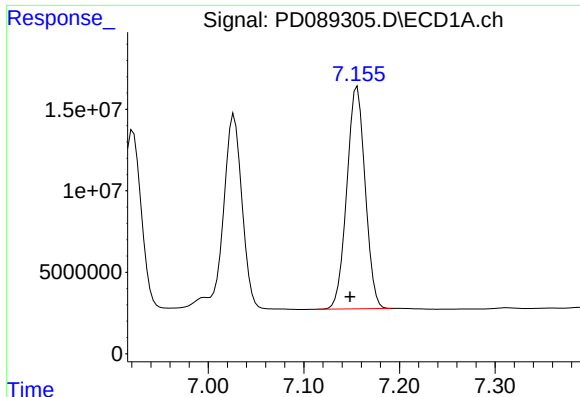
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.007 min
Response: 148710791
Conc: 48.54 ng/ml



#18 Endrin aldehyde

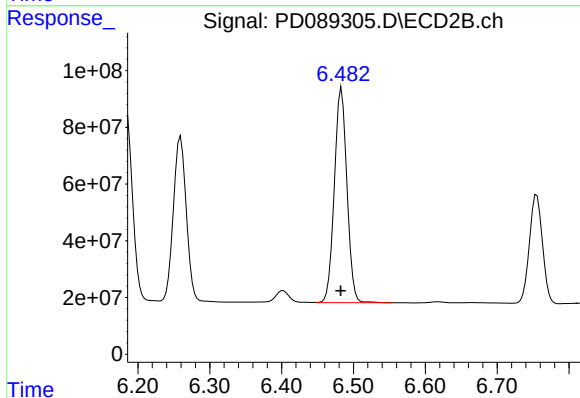
R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 738493337
Conc: 48.23 ng/ml



#19 Endosulfan Sulfate

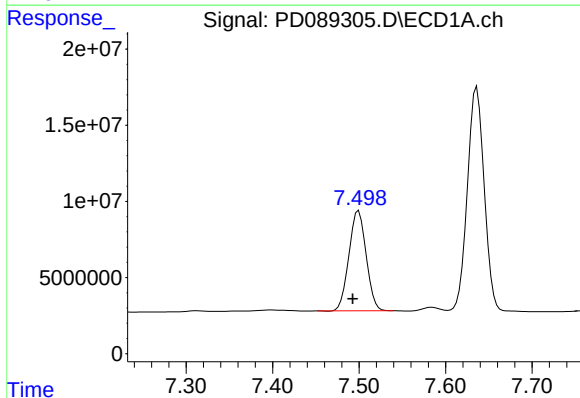
R.T.: 7.156 min
Delta R.T.: 0.008 min
Response: 182318840
Conc: 47.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168693BS



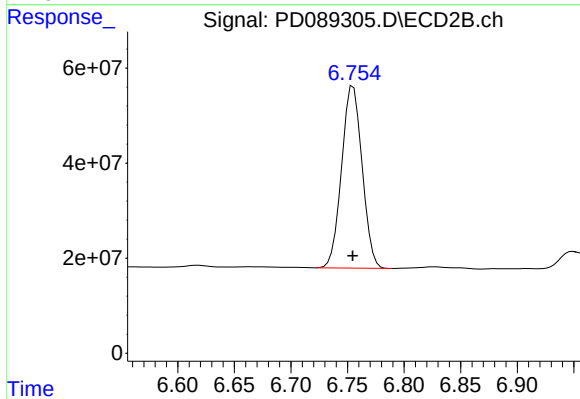
#19 Endosulfan Sulfate

R.T.: 6.483 min
Delta R.T.: 0.001 min
Response: 919483839
Conc: 46.86 ng/ml



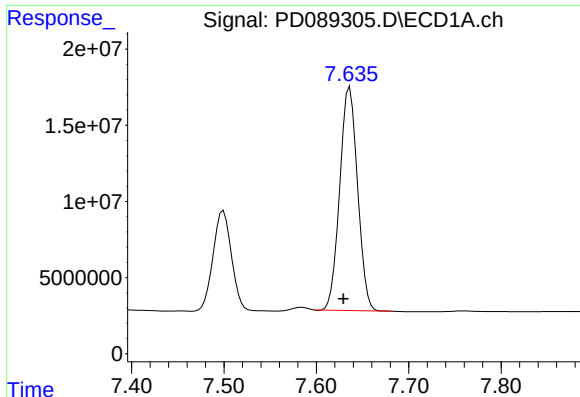
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.007 min
Response: 90639290
Conc: 44.86 ng/ml



#20 Methoxychlor

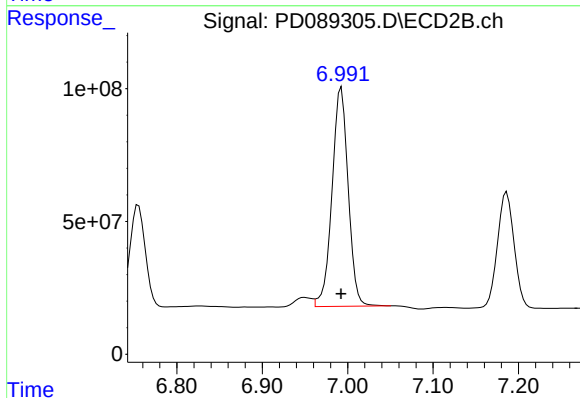
R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 483491732
Conc: 44.90 ng/ml



#21 Endrin ketone

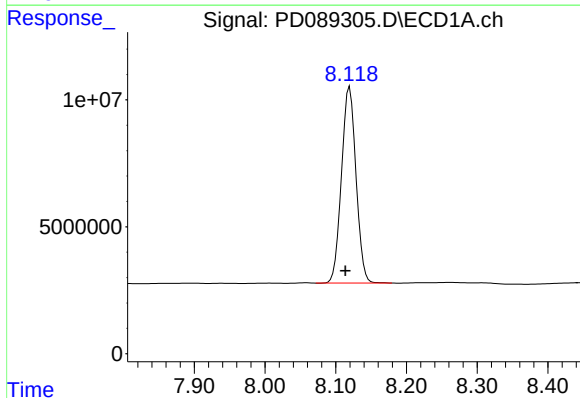
R.T.: 7.636 min
Delta R.T.: 0.007 min
Response: 197135493
Conc: 48.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168693BS



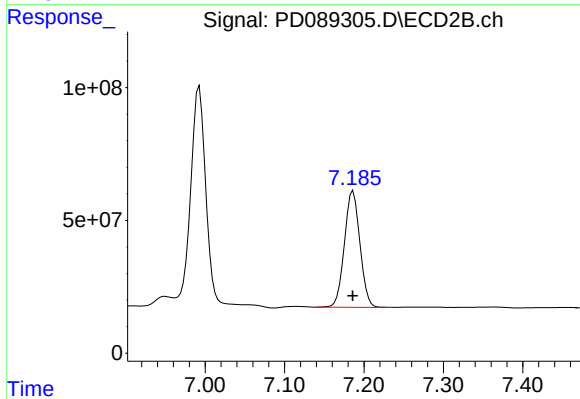
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 1086414788
Conc: 50.29 ng/ml



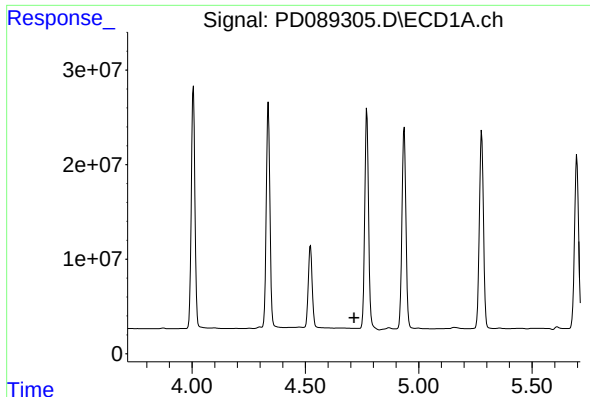
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.006 min
Response: 110354430
Conc: 36.30 ng/ml



#22 Mirex

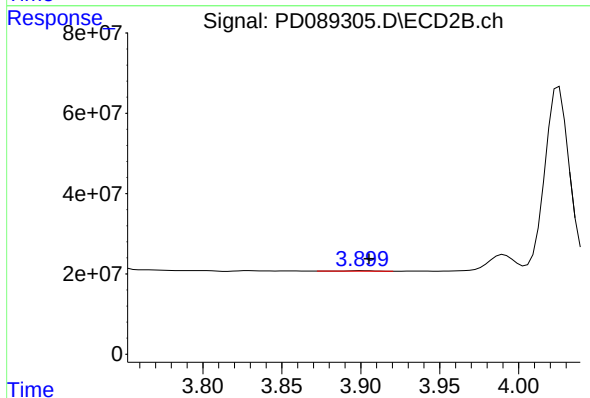
R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 596165854
Conc: 35.75 ng/ml



#23 Chlordane-1

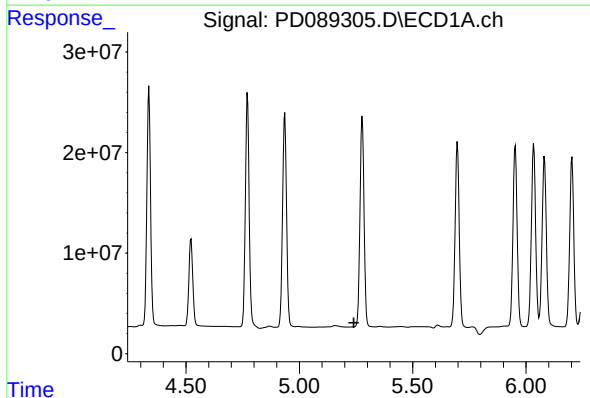
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PB168693BS



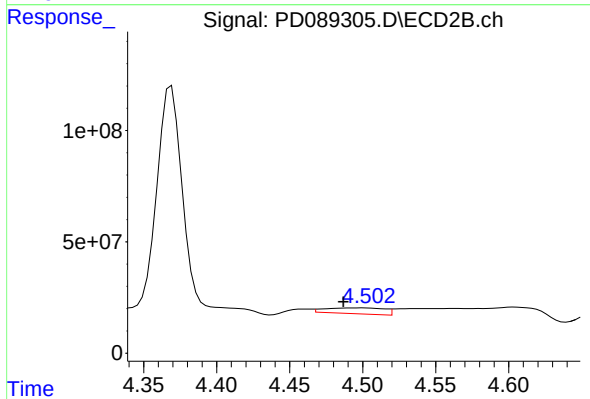
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: -0.005 min
Response: 1570261
Conc: 1.68 ng/ml



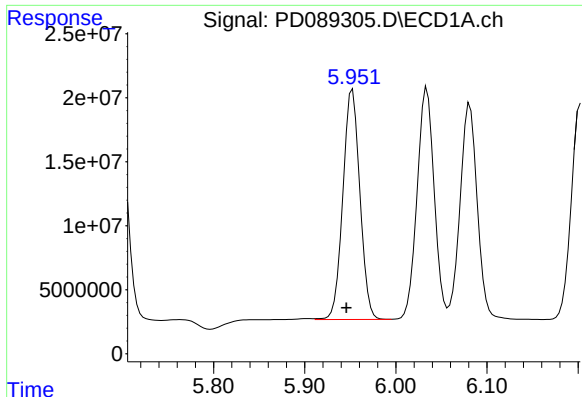
#24 Chlordane-2

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



#24 Chlordane-2

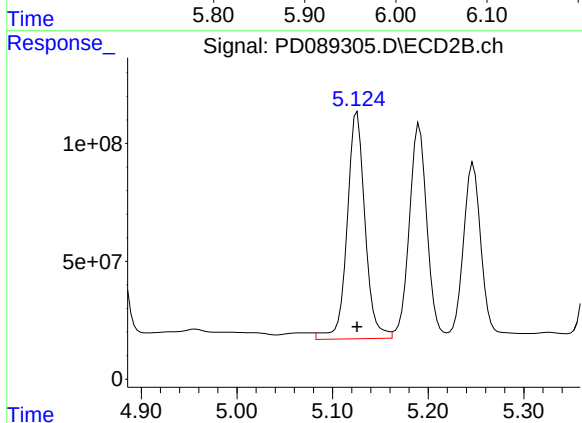
R.T.: 4.500 min
Delta R.T.: 0.013 min
Response: 72867658
Conc: 76.57 ng/ml



#25 Chlordane-3

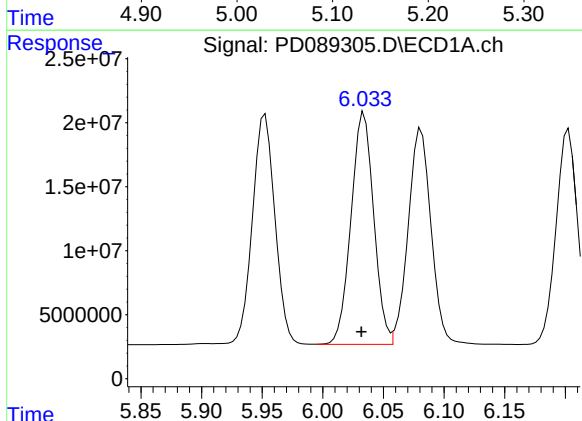
R.T.: 5.953 min
Delta R.T.: 0.007 min
Response: 232926410
Conc: 270.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168693BS



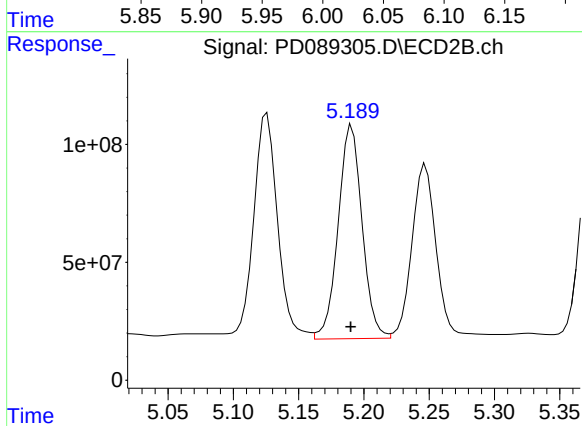
#25 Chlordane-3

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 1260202190
Conc: 424.28 ng/ml



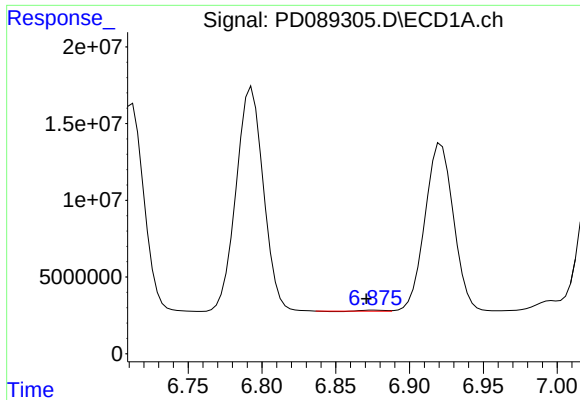
#26 Chlordane-4

R.T.: 6.034 min
Delta R.T.: 0.002 min
Response: 236040330
Conc: 224.65 ng/ml



#26 Chlordane-4

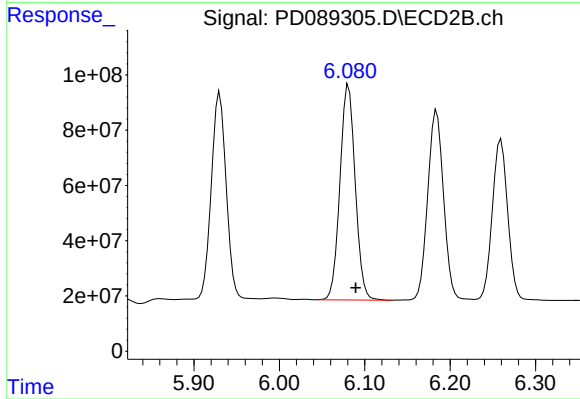
R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 1155963653
Conc: 461.15 ng/ml



#27 Chlordane-5

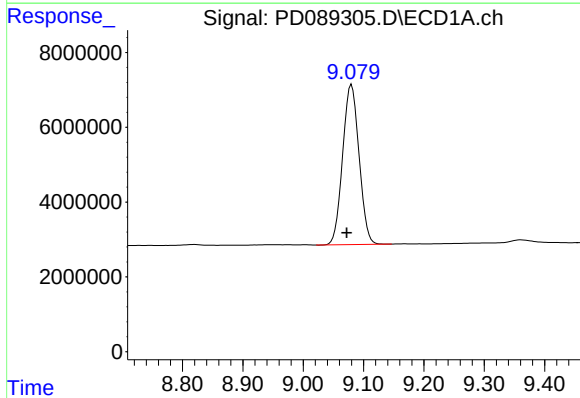
R.T.: 6.876 min
Delta R.T.: 0.006 min
Response: 578804
Conc: 3.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168693BS



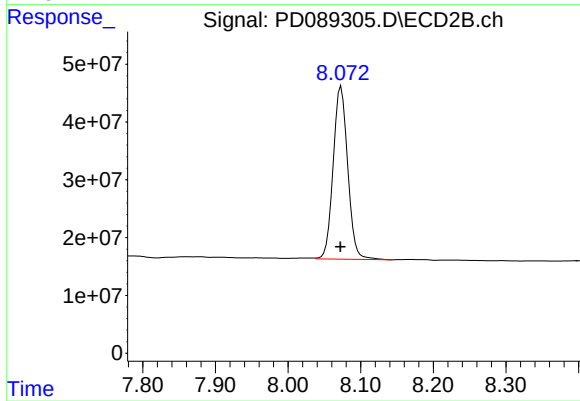
#27 Chlordane-5

R.T.: 6.081 min
Delta R.T.: -0.008 min
Response: 969775061
Conc: 856.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: 0.008 min
Response: 80734322
Conc: 20.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 416138802
Conc: 21.05 ng/ml