

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2023 18:57
 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 10 22:36:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.548	2.784f	139.8E6	133.7E6	42.674	84.152 #
28)	SA Decachlor...	9.090	7.929f	147.6E6	66795138	41.520	53.074 #
Target Compounds							
2)	A alpha-BHC	4.004	3.286f	250.9E6	116.9E6	43.325	48.511
3)	MA gamma-BHC...	4.338	3.579f	227.8E6	-5675	43.518	N.D. #
4)	MA Heptachlor	4.929	3.956f	234.8E6	103.5E6	42.683	45.569
5)	MB Aldrin	5.272	4.236f	226.5E6	99347932	42.360	44.826
6)	B beta-BHC	4.534	3.913f	90241211	41868948	43.053	47.081
7)	B delta-BHC	4.783	4.143f	216.1E6	101.0E6	42.039	48.030
8)	B Heptachlo...	5.699	4.739f	196.2E6	90486296	40.729	45.260
9)	A Endosulfan I	6.086	5.109f	187.9E6	85764076	42.126	45.798
10)	B gamma-Chl...	5.956	4.990f	204.8E6	92038790	42.111	46.223
11)	B alpha-Chl...	6.035	5.054f	201.5E6	91180333	41.932	45.884
12)	B 4,4'-DDE	6.208	5.243f	183.5E6	79044954	43.220	51.426
13)	MA Dieldrin	6.362	5.374f	196.6E6	91300746	42.035	46.353
14)	MA Endrin	6.592	5.650f	163.0E6	81943137	40.935	46.424
15)	B Endosulfa...	6.812	5.944f	157.4E6	73894824	42.378	47.622
16)	A 4,4'-DDD	6.726	5.798f	146.2E6	65149487	43.521	53.905
17)	MA 4,4'-DDT	7.041	6.049f	153.3E6	68896015	43.598	56.925 #
18)	B Endrin al...	6.942	6.124f	108.2E6	58290631	39.491	51.006 #
19)	B Endosulfa...	7.177	6.347f	154.5E6	74800824	41.813	49.230
20)	A Methoxychlor	7.516	6.625f	81239229	36386323	42.505	56.978 #
21)	B Endrin ke...	7.663	6.854f	173.0E6	87219243	41.449	49.901
22)	Mirex	8.139	7.035f	126.1E6	67827238	39.893	45.759
23)	Chlordane-1	0.000	3.783f	0	14436	N.D.	0.326 #
24)	Chlordane-2	0.000	4.369f	0	78951	N.D.	1.625 #
25)	Chlordane-3	5.956	4.990f	204.8E6	92038790	404.662	655.870 #
26)	Chlordane-4	6.035	5.054f	201.5E6	91180333	327.666	647.501 #
27)	Chlordane-5	0.000	5.944f	0	73894824	N.D.	1587.950 #

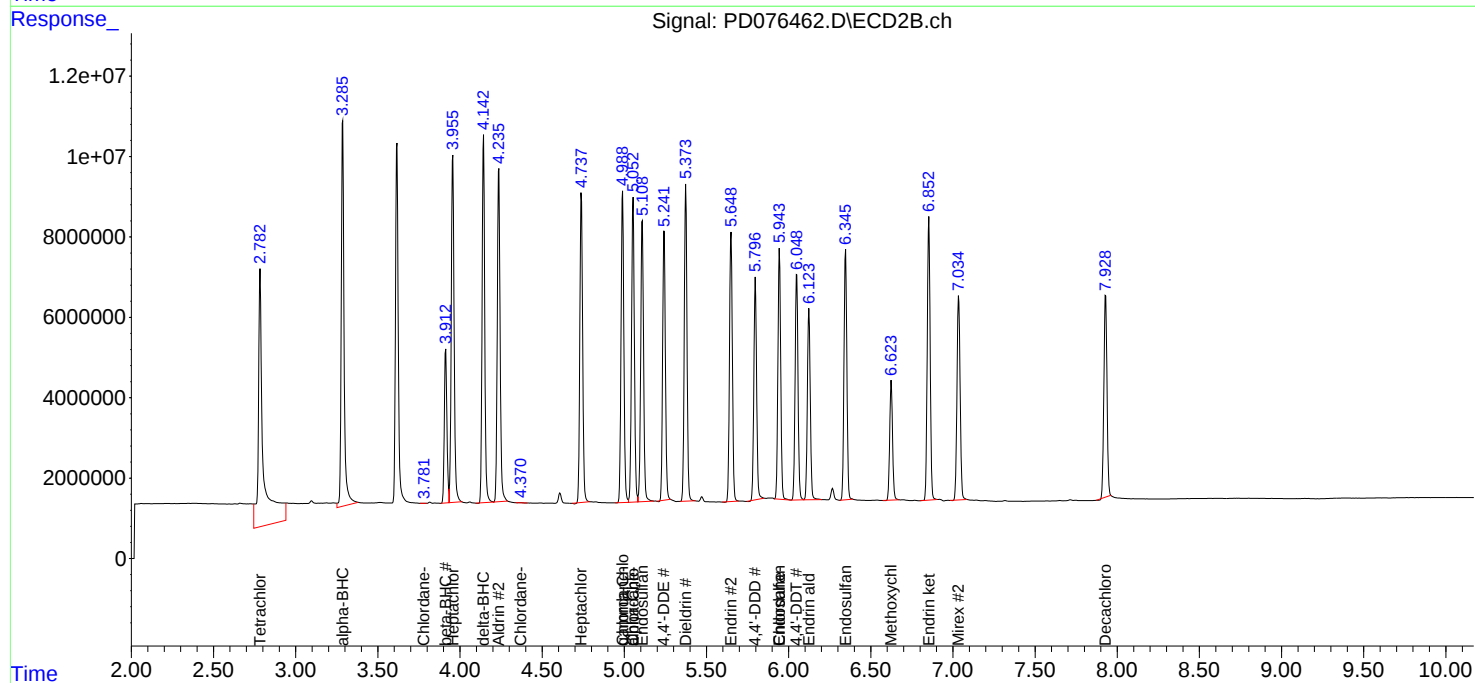
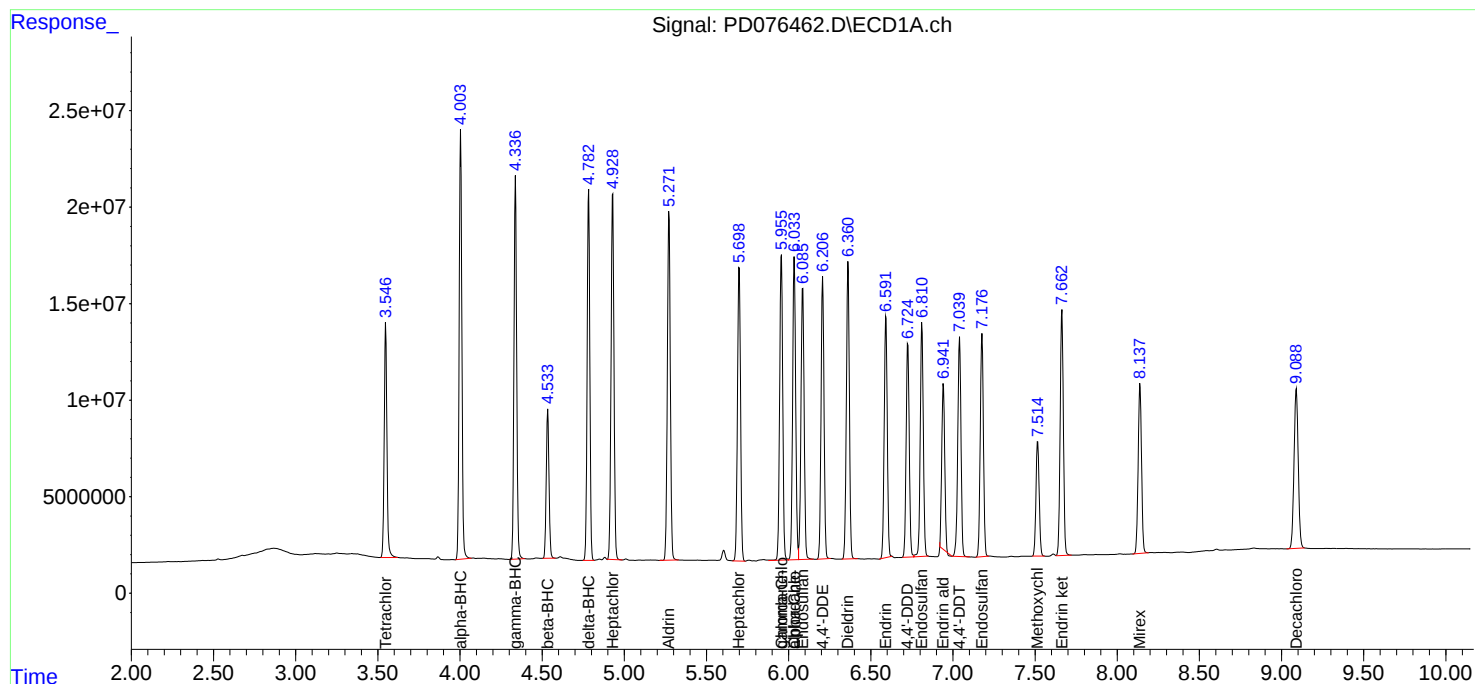
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

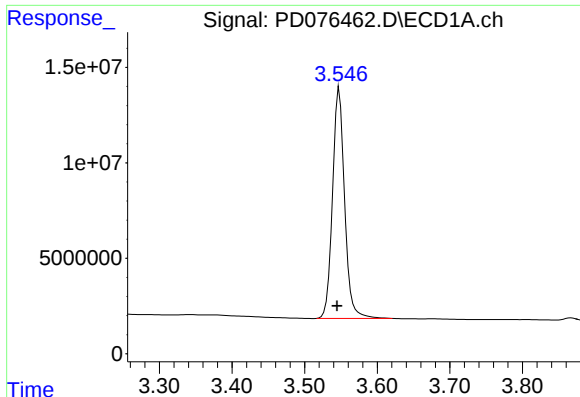
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076462.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2023 18:57
Operator : AR\AJ
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Integration File signal 1: autoint1.e
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Quant Time: Jul 10 22:36:37 2023
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

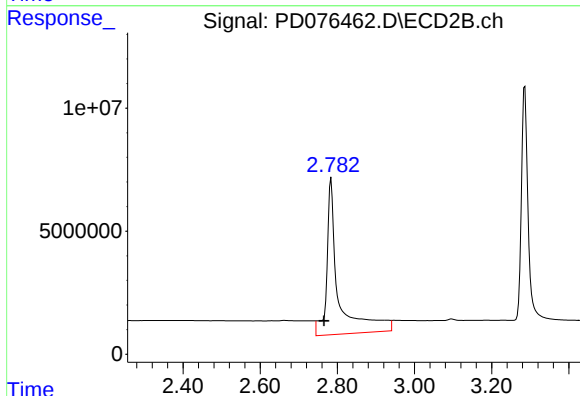




#1 Tetrachloro-m-xylene

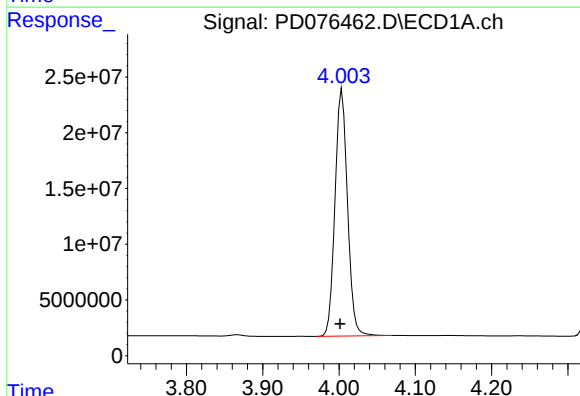
R.T.: 3.548 min
Delta R.T.: 0.003 min
Response: 139813996
Conc: 42.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



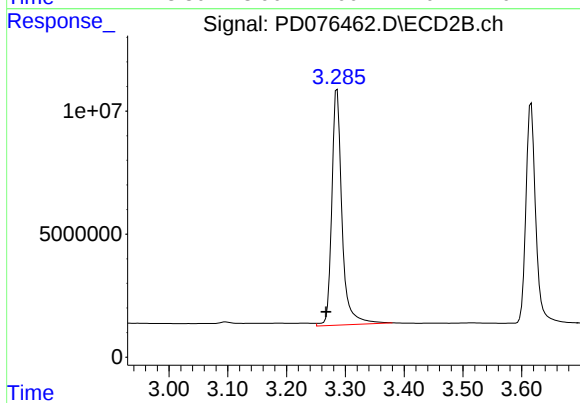
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: 0.018 min
Response: 133678618
Conc: 84.15 ng/ml



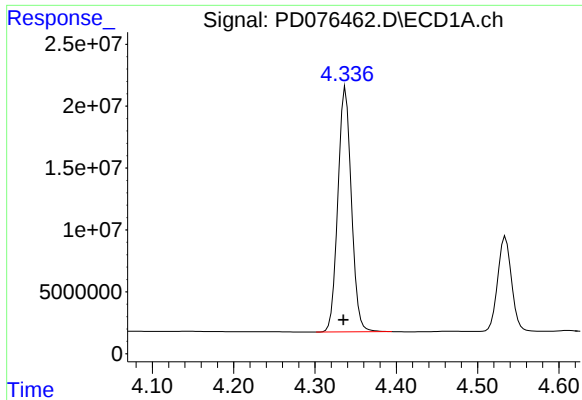
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.002 min
Response: 250939975
Conc: 43.33 ng/ml



#2 alpha-BHC

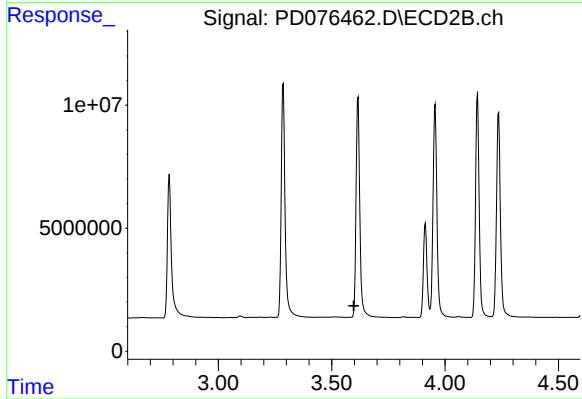
R.T.: 3.286 min
Delta R.T.: 0.019 min
Response: 116884144
Conc: 48.51 ng/ml



#3 gamma-BHC (Lindane)

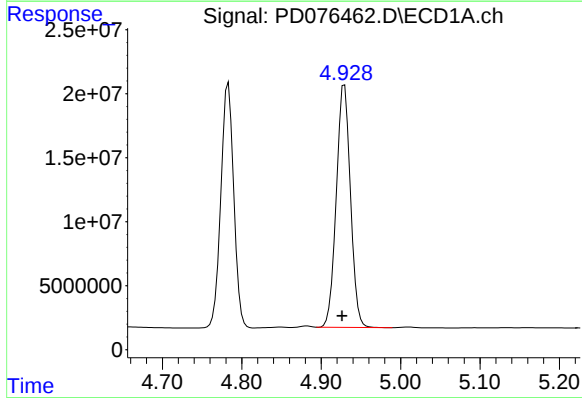
R.T.: 4.338 min
Delta R.T.: 0.003 min
Response: 227837867
Conc: 43.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



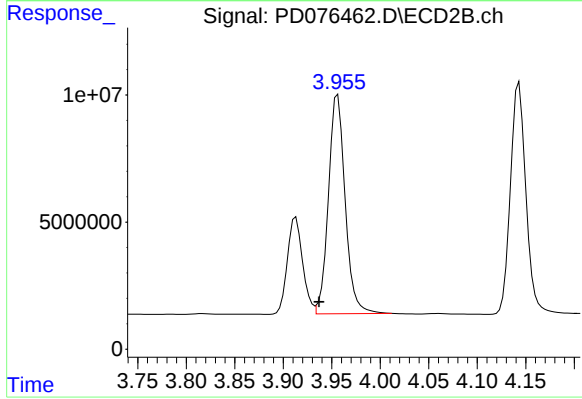
#3 gamma-BHC (Lindane)

R.T.: 3.579 min
Delta R.T.: -0.019 min
Response: -5675
Conc: N.D.



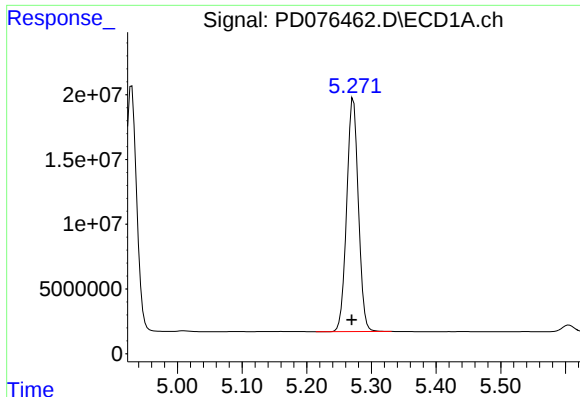
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.003 min
Response: 234759428
Conc: 42.68 ng/ml



#4 Heptachlor

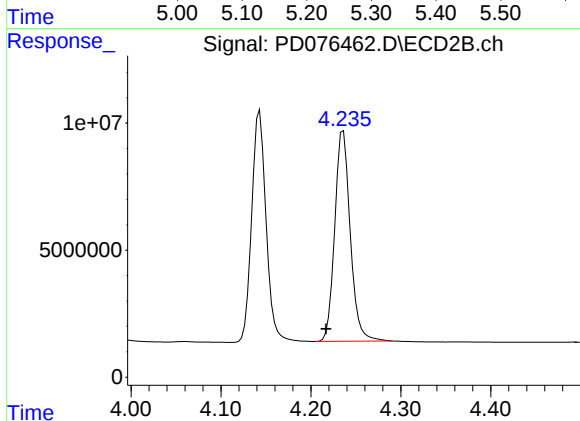
R.T.: 3.956 min
Delta R.T.: 0.019 min
Response: 103509232
Conc: 45.57 ng/ml



#5 Aldrin

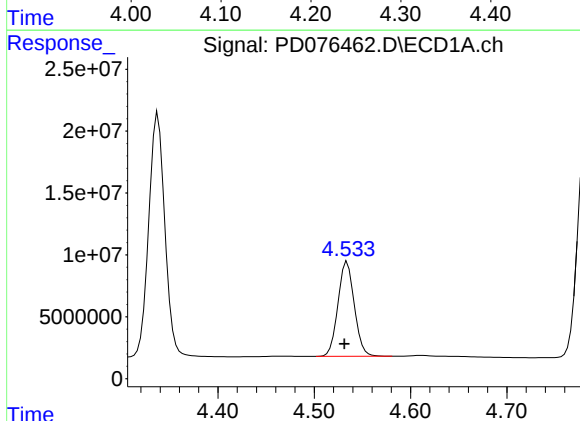
R.T.: 5.272 min
Delta R.T.: 0.003 min
Response: 226470362
Conc: 42.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



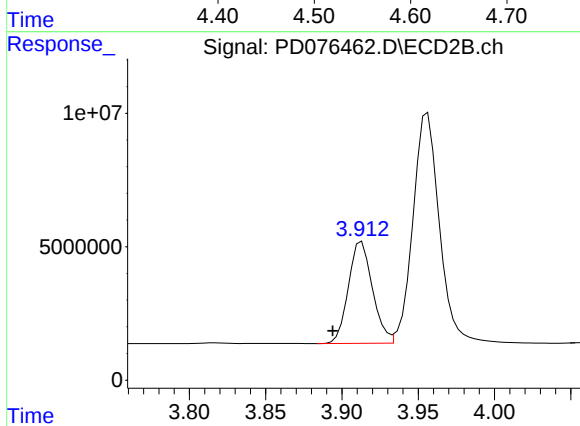
#5 Aldrin

R.T.: 4.236 min
Delta R.T.: 0.019 min
Response: 99347932
Conc: 44.83 ng/ml



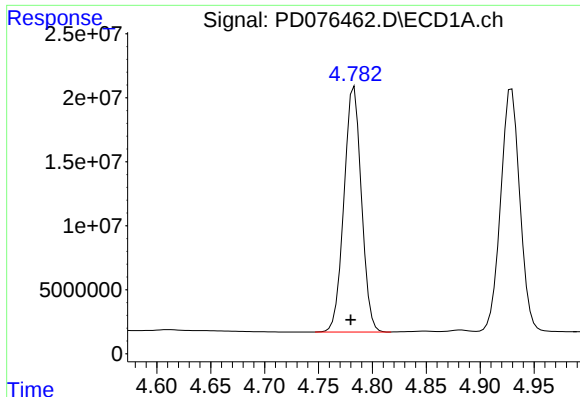
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.003 min
Response: 90241211
Conc: 43.05 ng/ml



#6 beta-BHC

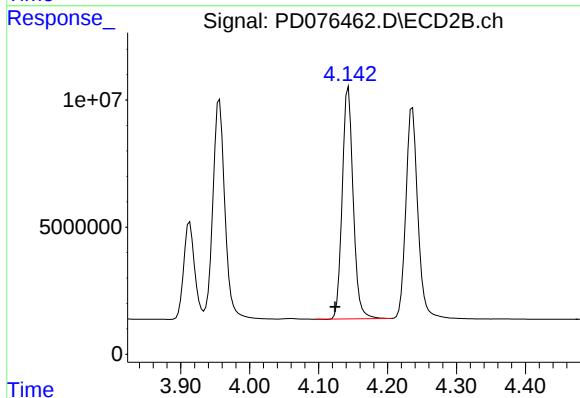
R.T.: 3.913 min
Delta R.T.: 0.019 min
Response: 41868948
Conc: 47.08 ng/ml



#7 delta-BHC

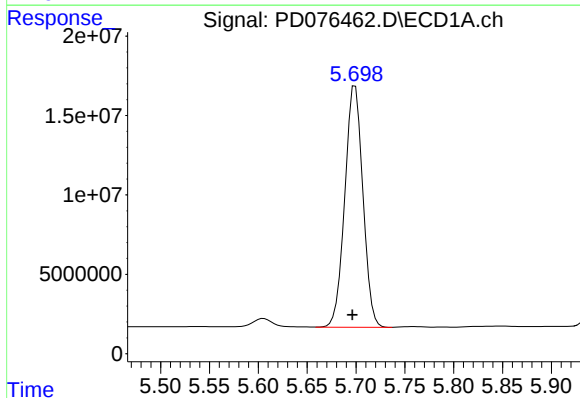
R.T.: 4.783 min
Delta R.T.: 0.003 min
Response: 216070451
Conc: 42.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



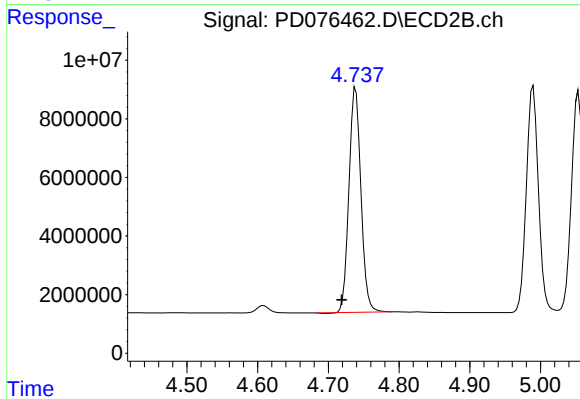
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: 0.019 min
Response: 100990290
Conc: 48.03 ng/ml



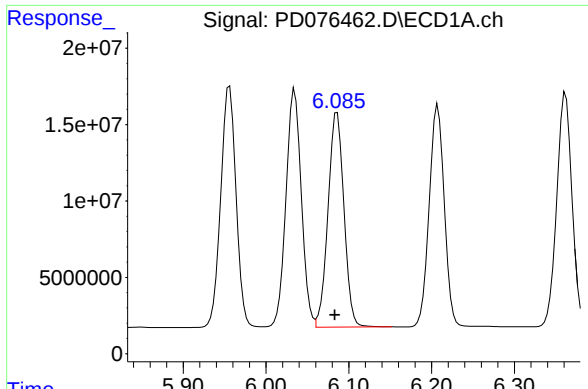
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.003 min
Response: 196246605
Conc: 40.73 ng/ml



#8 Heptachlor epoxide

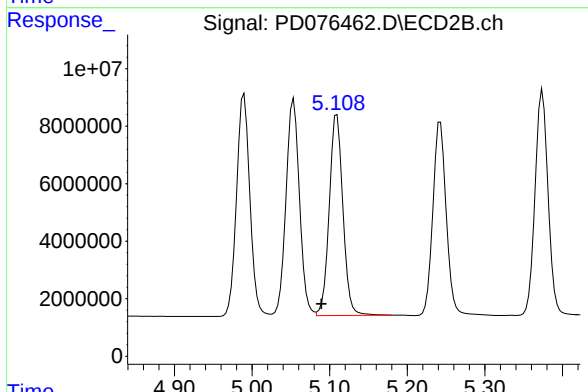
R.T.: 4.739 min
Delta R.T.: 0.020 min
Response: 90486296
Conc: 45.26 ng/ml



#9 Endosulfan I

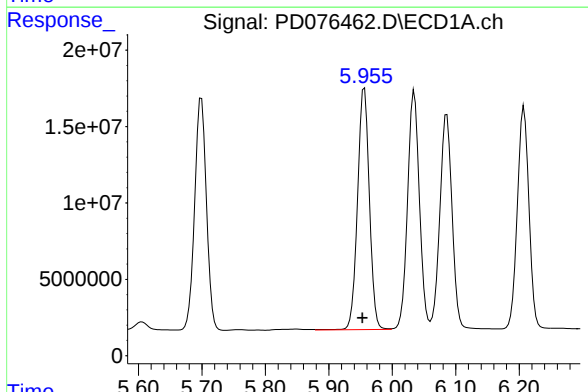
R.T.: 6.086 min
Delta R.T.: 0.003 min
Response: 187925772
Conc: 42.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



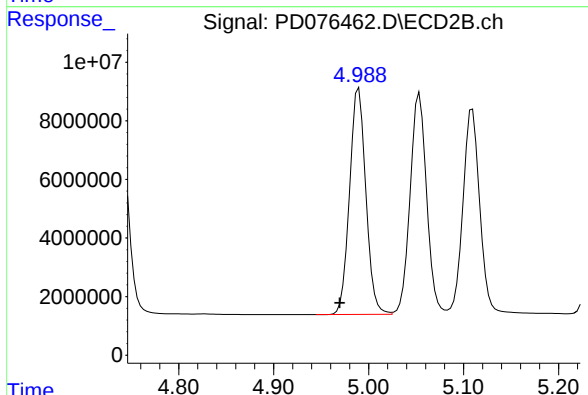
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: 0.020 min
Response: 85764076
Conc: 45.80 ng/ml



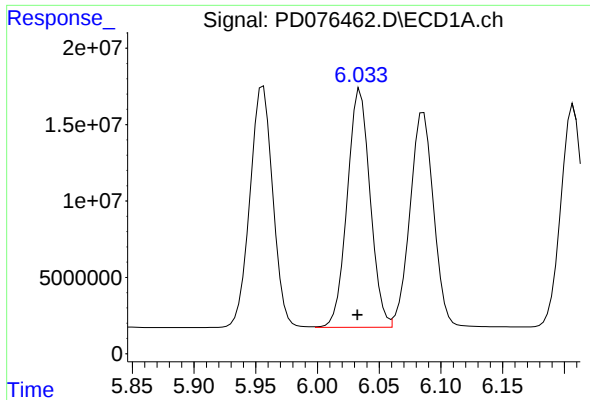
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.003 min
Response: 204790384
Conc: 42.11 ng/ml



#10 gamma-Chlordane

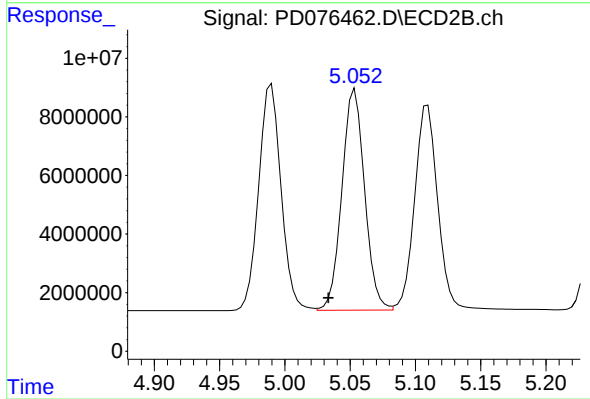
R.T.: 4.990 min
Delta R.T.: 0.020 min
Response: 92038790
Conc: 46.22 ng/ml



#11 alpha-Chlordane

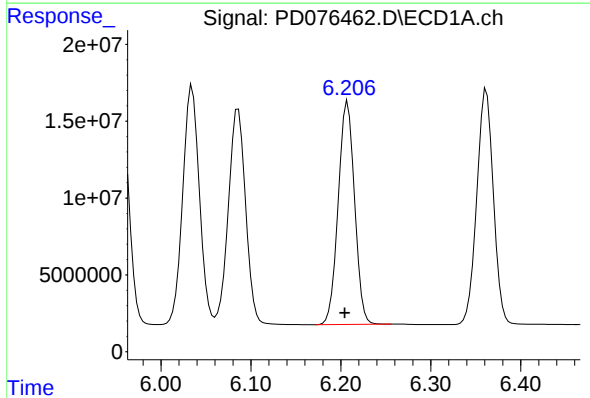
R.T.: 6.035 min
Delta R.T.: 0.003 min
Response: 201451338
Conc: 41.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



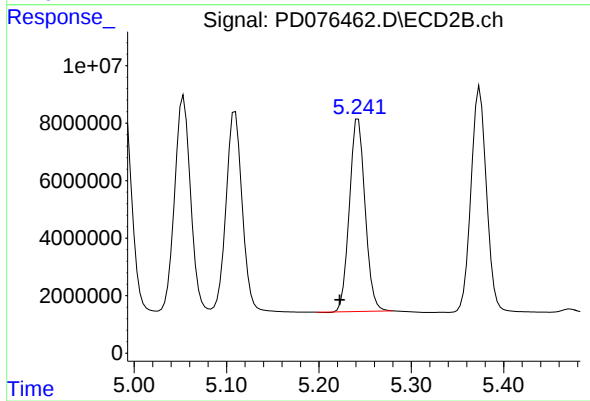
#11 alpha-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.020 min
Response: 91180333
Conc: 45.88 ng/ml



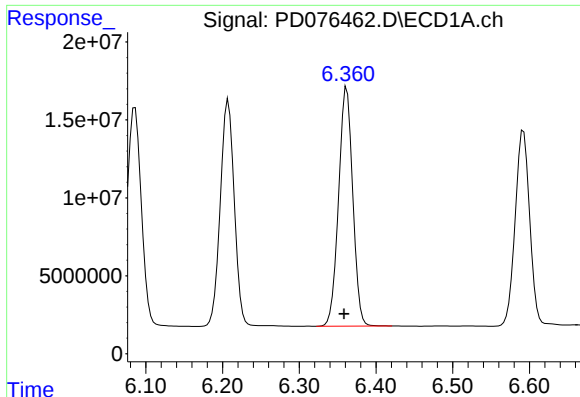
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.003 min
Response: 183461409
Conc: 43.22 ng/ml



#12 4,4'-DDE

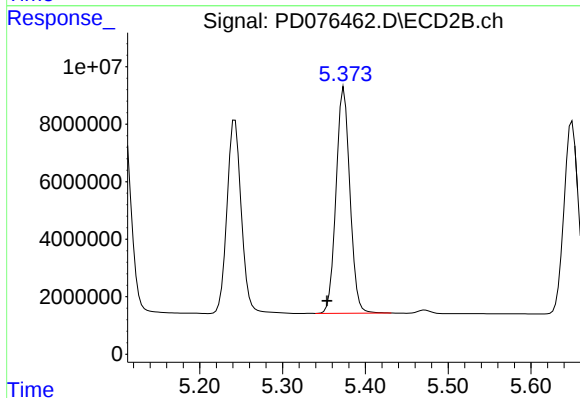
R.T.: 5.243 min
Delta R.T.: 0.020 min
Response: 79044954
Conc: 51.43 ng/ml



#13 Dieldrin

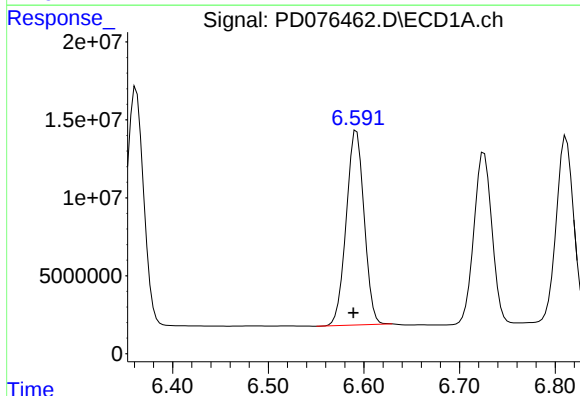
R.T.: 6.362 min
Delta R.T.: 0.003 min
Response: 196640982
Conc: 42.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



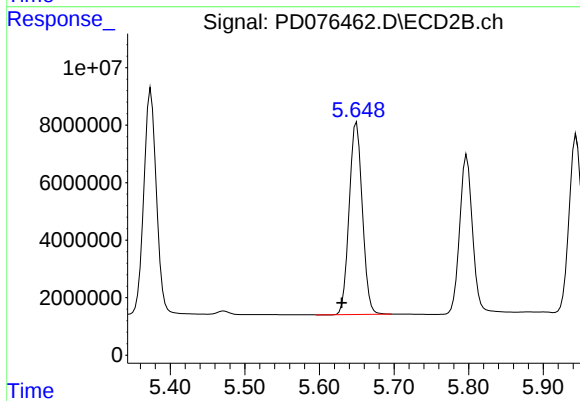
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: 0.020 min
Response: 91300746
Conc: 46.35 ng/ml



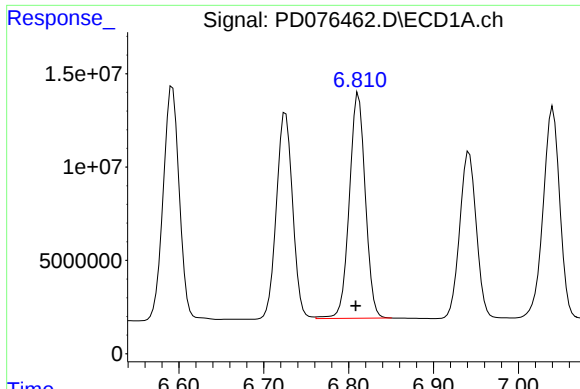
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.003 min
Response: 162977783
Conc: 40.94 ng/ml



#14 Endrin

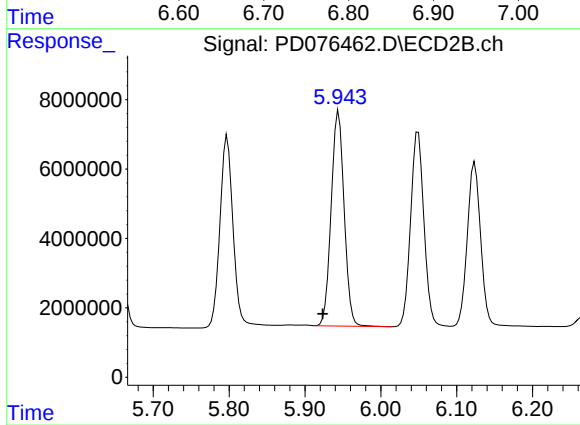
R.T.: 5.650 min
Delta R.T.: 0.020 min
Response: 81943137
Conc: 46.42 ng/ml



#15 Endosulfan II

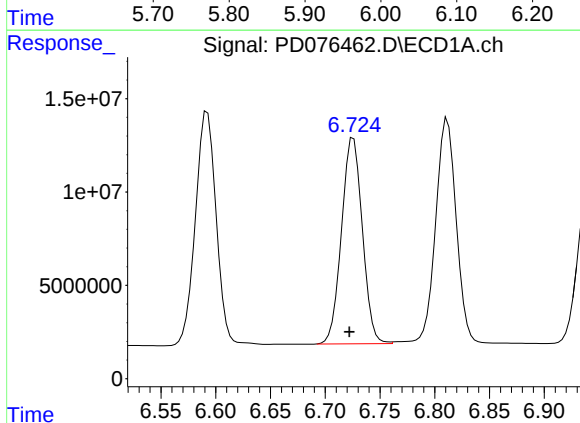
R.T.: 6.812 min
Delta R.T.: 0.003 min
Response: 157372568
Conc: 42.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



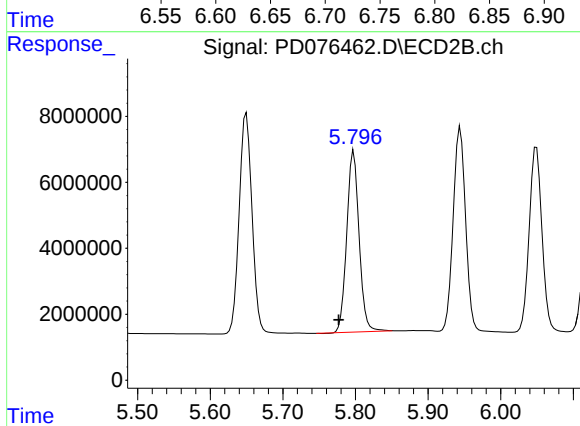
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: 0.021 min
Response: 73894824
Conc: 47.62 ng/ml



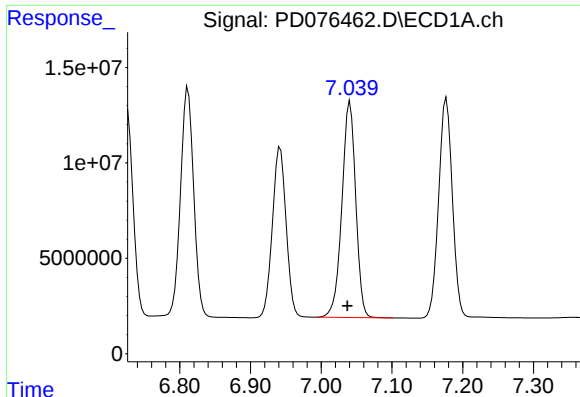
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.004 min
Response: 146213597
Conc: 43.52 ng/ml



#16 4,4'-DDD

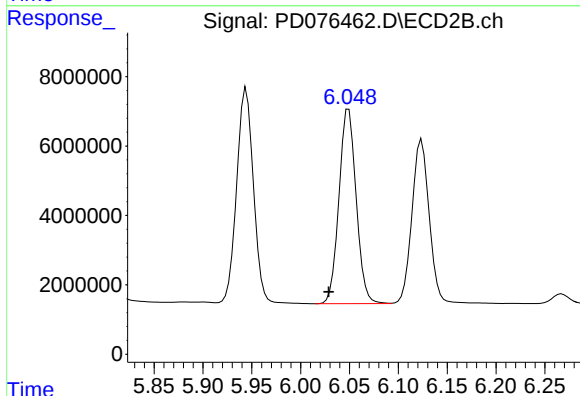
R.T.: 5.798 min
Delta R.T.: 0.021 min
Response: 65149487
Conc: 53.91 ng/ml



#17 4,4'-DDT

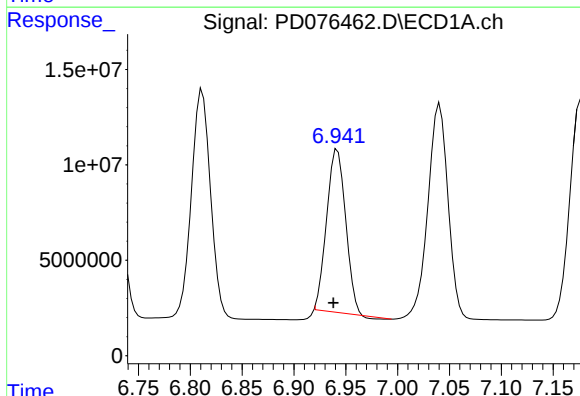
R.T.: 7.041 min
Delta R.T.: 0.004 min
Response: 153291966
Conc: 43.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



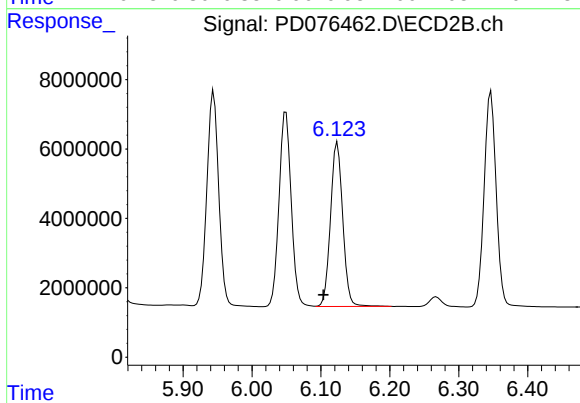
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: 0.021 min
Response: 68896015
Conc: 56.93 ng/ml



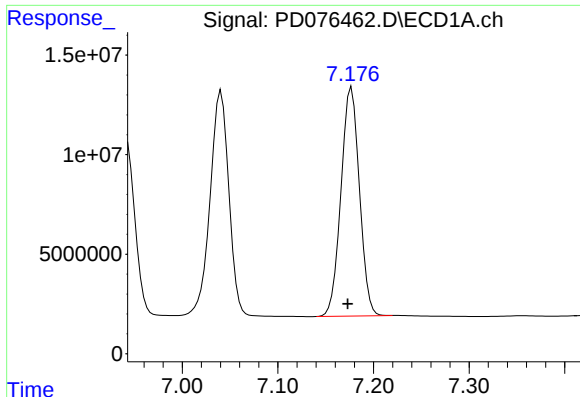
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: 0.004 min
Response: 108240954
Conc: 39.49 ng/ml



#18 Endrin aldehyde

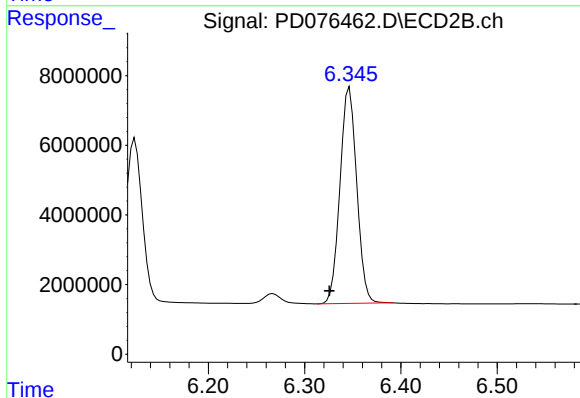
R.T.: 6.124 min
Delta R.T.: 0.020 min
Response: 58290631
Conc: 51.01 ng/ml



#19 Endosulfan Sulfate

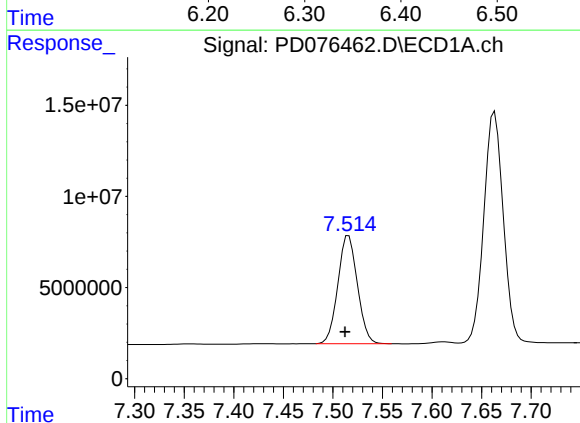
R.T.: 7.177 min
Delta R.T.: 0.004 min
Response: 154491236
Conc: 41.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



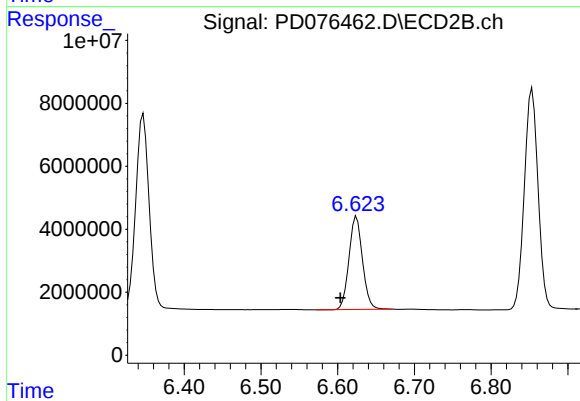
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: 0.021 min
Response: 74800824
Conc: 49.23 ng/ml



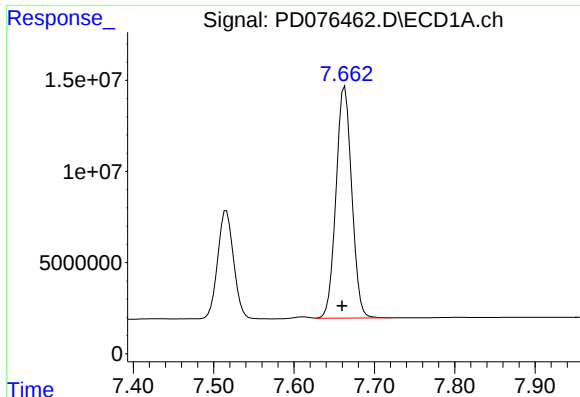
#20 Methoxychlor

R.T.: 7.516 min
Delta R.T.: 0.003 min
Response: 81239229
Conc: 42.51 ng/ml



#20 Methoxychlor

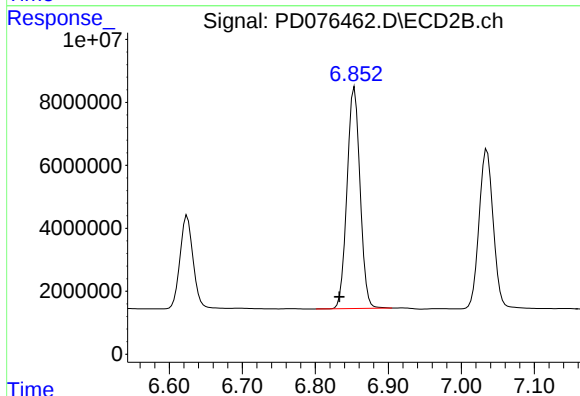
R.T.: 6.625 min
Delta R.T.: 0.021 min
Response: 36386323
Conc: 56.98 ng/ml



#21 Endrin ketone

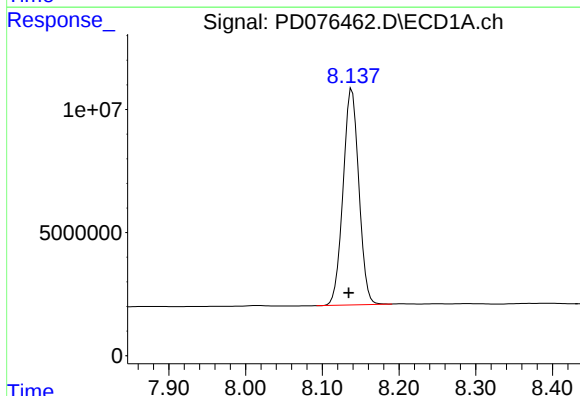
R.T.: 7.663 min
Delta R.T.: 0.003 min
Response: 173039517
Conc: 41.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



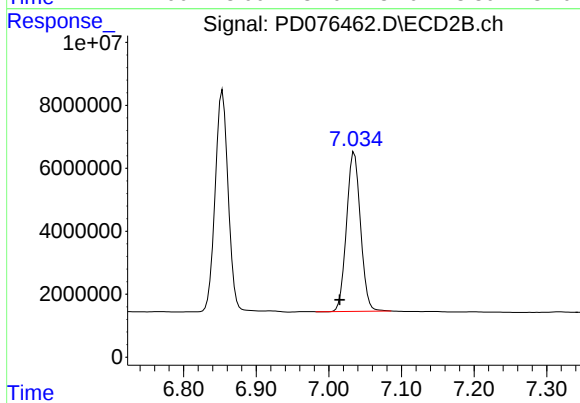
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: 0.021 min
Response: 87219243
Conc: 49.90 ng/ml



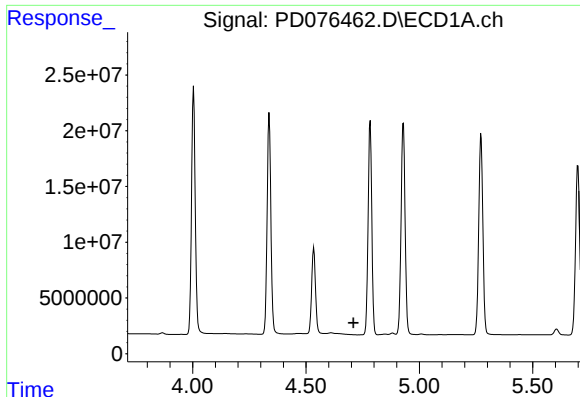
#22 Mirex

R.T.: 8.139 min
Delta R.T.: 0.004 min
Response: 126054764
Conc: 39.89 ng/ml



#22 Mirex

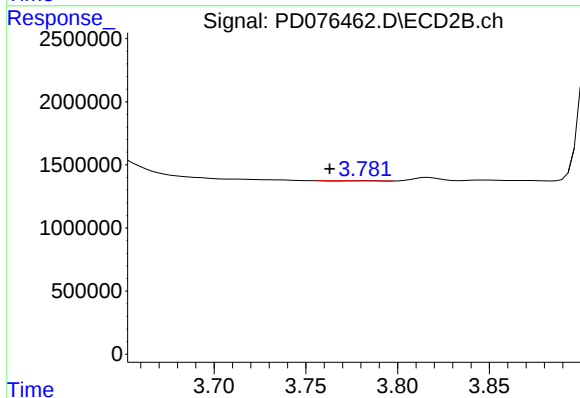
R.T.: 7.035 min
Delta R.T.: 0.020 min
Response: 67827238
Conc: 45.76 ng/ml



#23 Chlordane-1

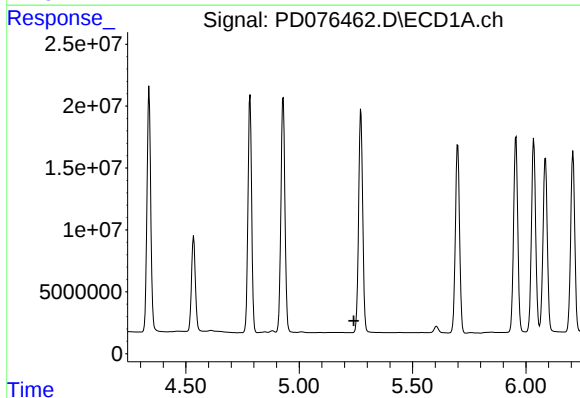
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



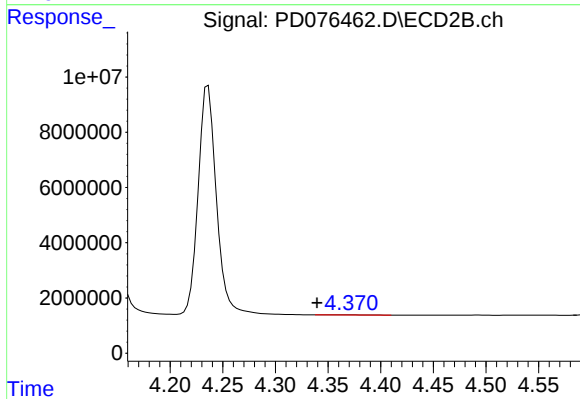
#23 Chlordane-1

R.T.: 3.783 min
Delta R.T.: 0.020 min
Response: 14436
Conc: 0.33 ng/ml



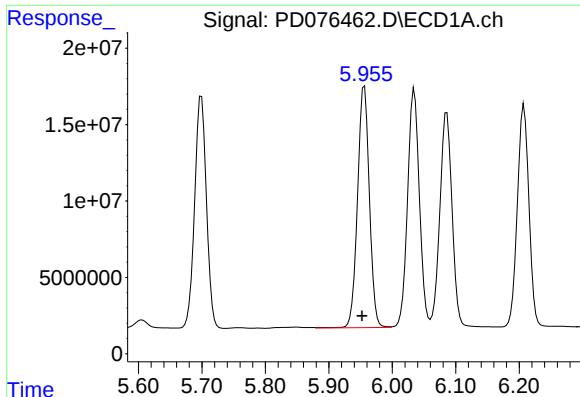
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.240 min
Response: 0
Conc: N.D.



#24 Chlordane-2

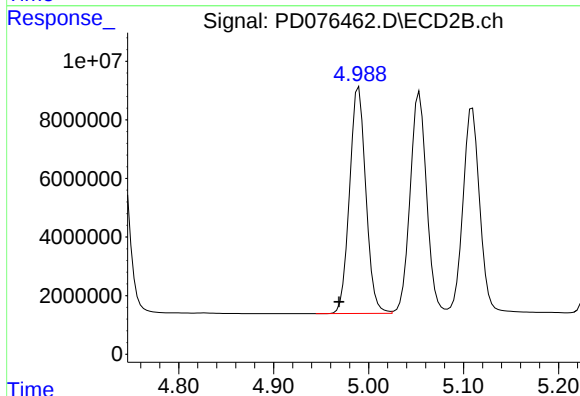
R.T.: 4.369 min
Delta R.T.: 0.029 min
Response: 78951
Conc: 1.62 ng/ml



#25 Chlordane-3

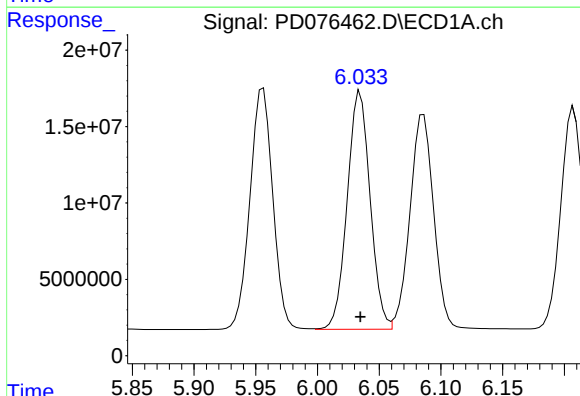
R.T.: 5.956 min
Delta R.T.: 0.004 min
Response: 204790384
Conc: 404.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



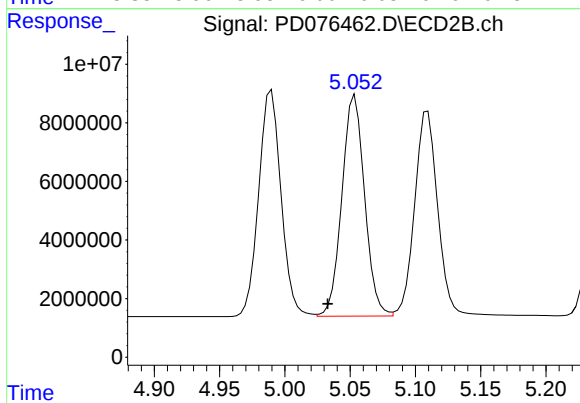
#25 Chlordane-3

R.T.: 4.990 min
Delta R.T.: 0.021 min
Response: 92038790
Conc: 655.87 ng/ml



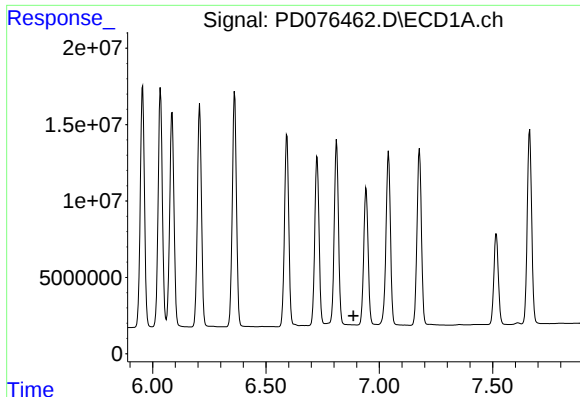
#26 Chlordane-4

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 201451338
Conc: 327.67 ng/ml



#26 Chlordane-4

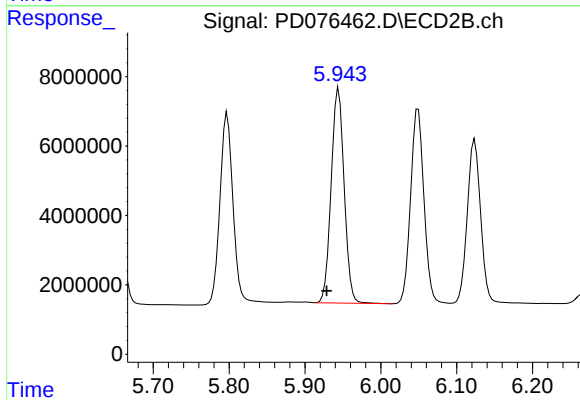
R.T.: 5.054 min
Delta R.T.: 0.021 min
Response: 91180333
Conc: 647.50 ng/ml



#27 Chlordane-5

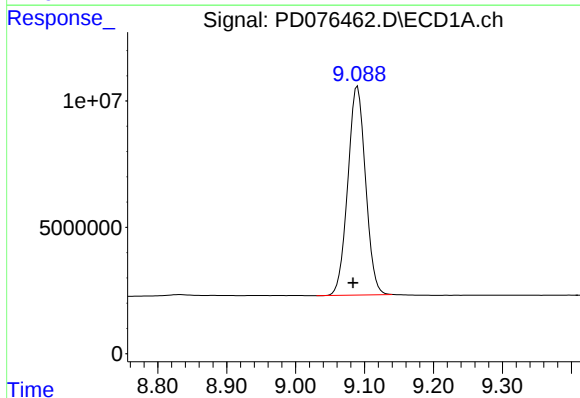
R.T.: 0.000 min
Exp R.T.: 6.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



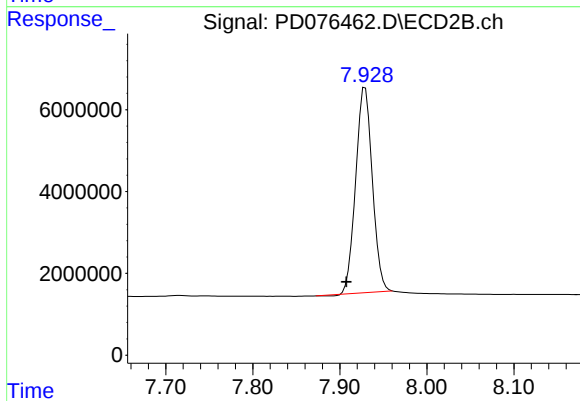
#27 Chlordane-5

R.T.: 5.944 min
Delta R.T.: 0.016 min
Response: 73894824
Conc: 1587.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.006 min
Response: 147624575
Conc: 41.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: 0.022 min
Response: 66795138
Conc: 53.07 ng/ml