

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
 Data File : PD078615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 16:49
 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: Oct 03 21:25:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 2023
 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...	3.540	2.758	146.3E6	103.8E6	50.667	50.817
28)	SA Decachlor...	9.081	7.895	188.9E6	117.4E6	50.932	51.735
Target Compounds							
2)	A alpha-BHC	3.997	3.259	251.0E6	156.9E6	51.685	52.339
3)	MA gamma-BHC...	4.330	3.588	242.2E6	152.2E6	51.783	52.530
4)	MA Heptachlor	4.921	3.927	241.2E6	149.6E6	51.305	50.716
5)	MB Aldrin	5.264	4.206	250.0E6	154.3E6	51.758	52.008
6)	B beta-BHC	4.528	3.885	93485445	59778785	50.334	51.723
7)	B delta-BHC	4.776	4.115	242.9E6	152.9E6	53.918	53.447
8)	B Heptachlo...	5.691	4.708	217.9E6	137.6E6	51.890	50.920
9)	A Endosulfan I	6.079	5.078	200.5E6	124.7E6	51.321	49.607
10)	B gamma-Chl...	5.949	4.959	218.1E6	136.9E6	51.937	50.952
11)	B alpha-Chl...	6.028	5.023	216.7E6	136.7E6	51.445	50.925
12)	B 4,4'-DDE	6.201	5.211	207.5E6	135.4E6	51.845	53.228
13)	MA Dieldrin	6.354	5.343	218.2E6	143.1E6	52.000	51.248
14)	MA Endrin	6.585	5.619	173.6E6	126.6E6	51.700	51.170
15)	B Endosulfa...	6.805	5.913	181.9E6	121.6E6	50.542	51.075
16)	A 4,4'-DDD	6.719	5.766	162.2E6	109.1E6	54.522	55.149
17)	MA 4,4'-DDT	7.035	6.017	156.2E6	106.6E6	52.770	52.363
18)	B Endrin al...	6.936	6.093	133.6E6	93688888	50.027	50.537
19)	B Endosulfa...	7.171	6.316	167.6E6	114.4E6	52.157	51.587
20)	A Methoxychlor	7.511	6.593	86293774	57548872	51.706	52.747
21)	B Endrin ke...	7.657	6.823	191.9E6	139.1E6	53.401	52.985
22)	Mirex	8.131	7.003	139.6E6	102.8E6	52.278	50.438
24)	Chlordane-2	5.264f	4.346f	250.0E6	3407847	1753.401	44.006 #
25)	Chlordane-3	5.949	4.959	218.1E6	136.9E6	372.782	531.431 #
26)	Chlordane-4	6.028	5.023	216.7E6	136.7E6	306.359	544.503 #
27)	Chlordane-5	0.000	5.913	0	121.6E6	N.D.	1414.950 #

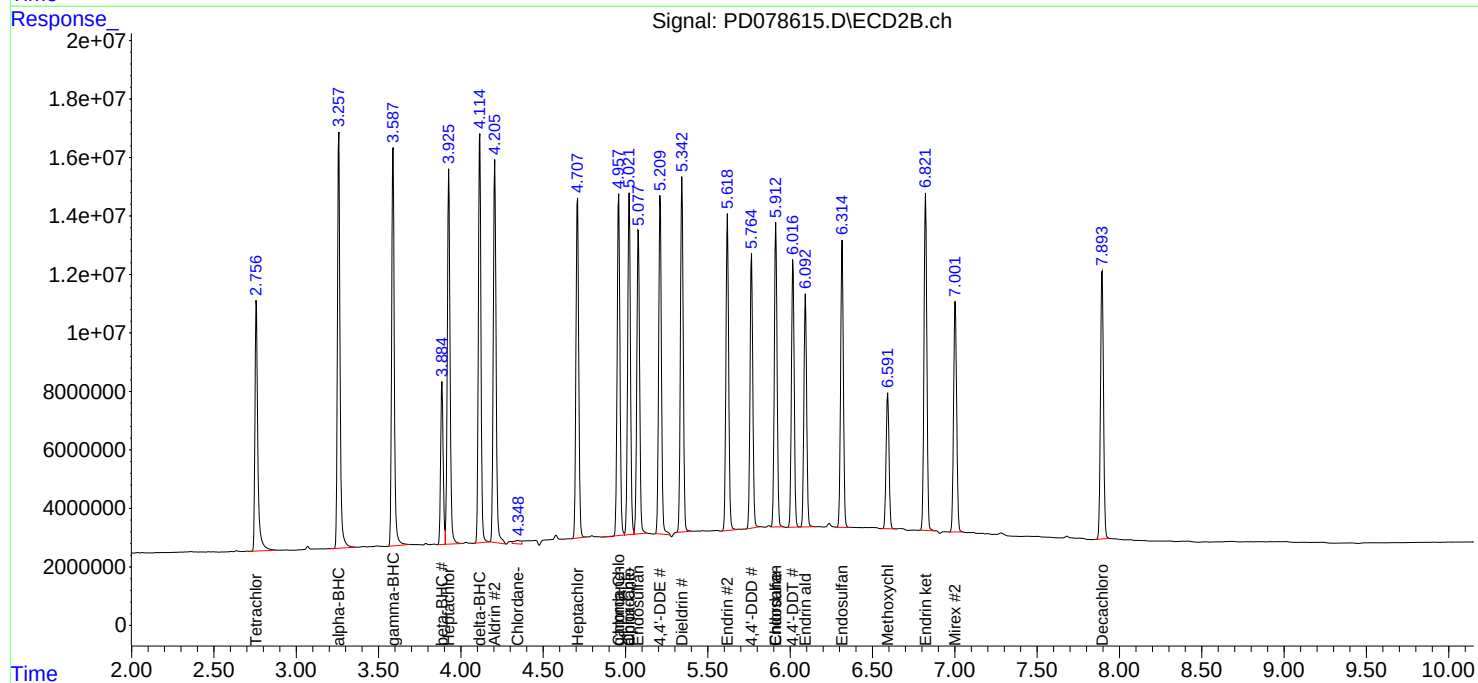
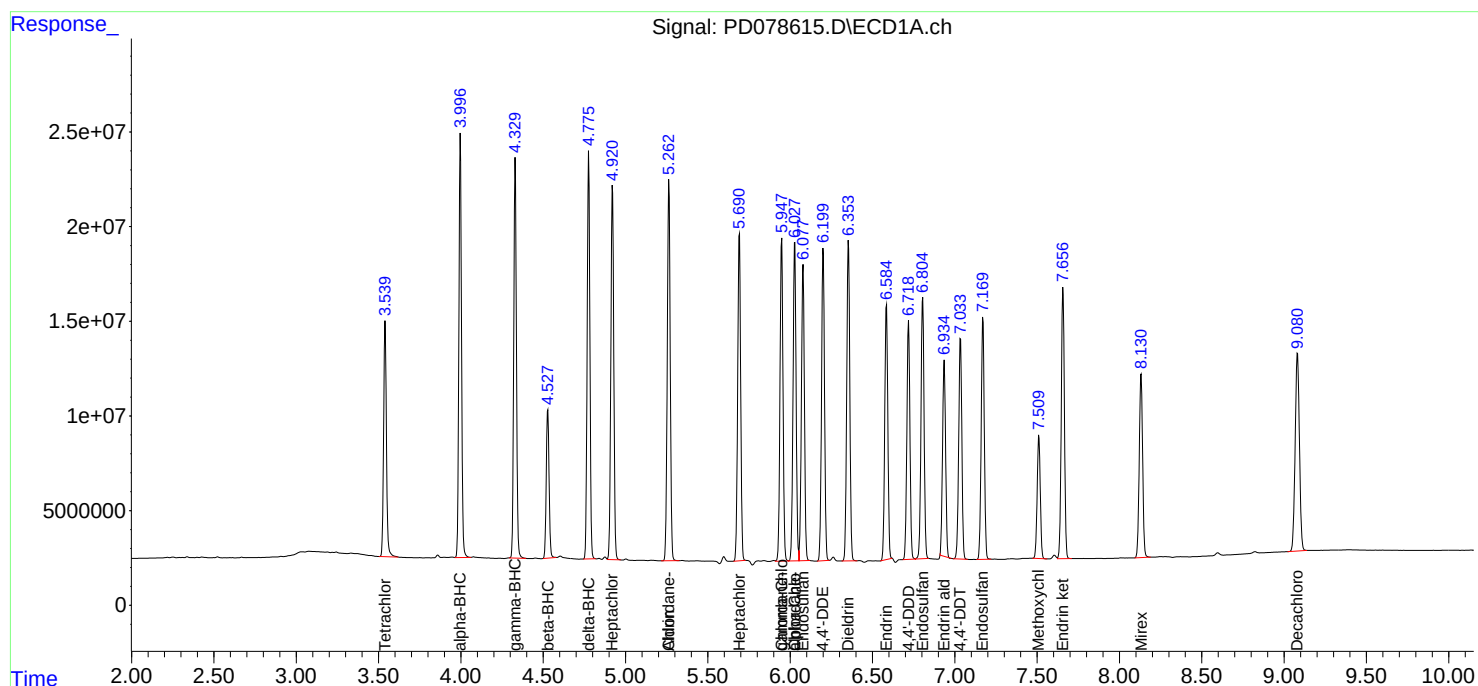
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

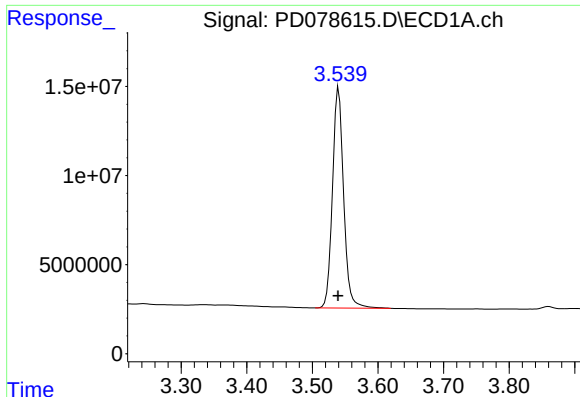
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
Data File : PD078615.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2023 16:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 21:25:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
Quant Title : GC Extractables
QLast Update : Tue Oct 03 01:10:04 2023
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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

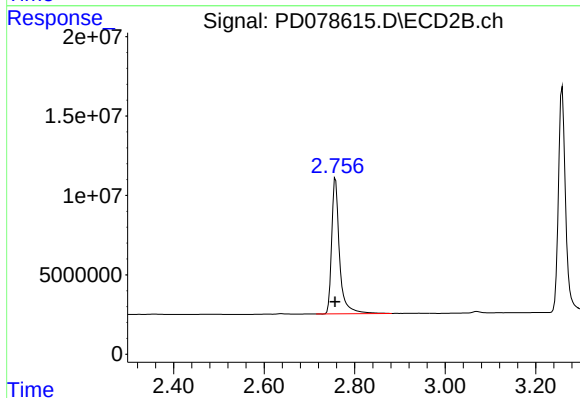




#1 Tetrachloro-m-xylene

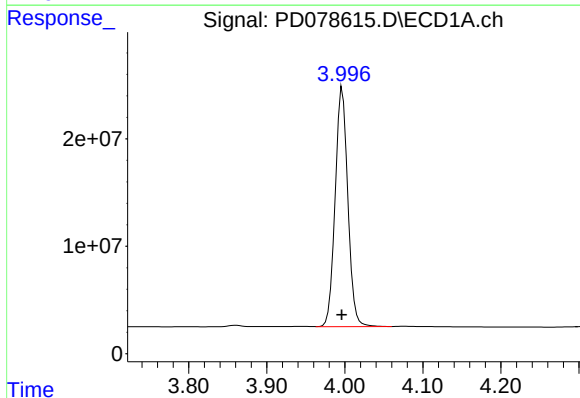
R.T.: 3.540 min
Delta R.T.: 0.001 min
Response: 146264190
Conc: 50.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



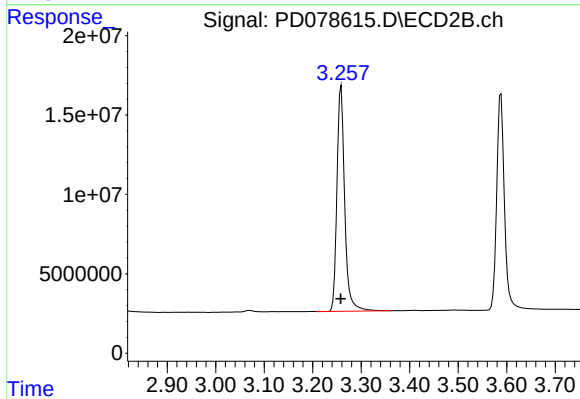
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 103786652
Conc: 50.82 ng/ml



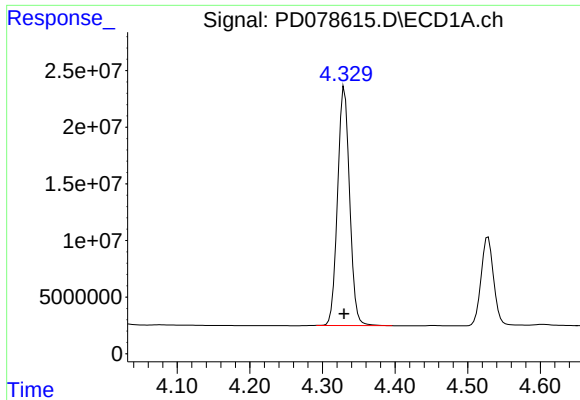
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 250996712
Conc: 51.68 ng/ml



#2 alpha-BHC

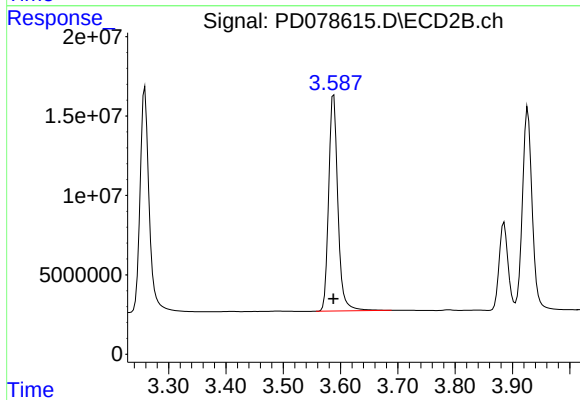
R.T.: 3.259 min
Delta R.T.: 0.000 min
Response: 156886656
Conc: 52.34 ng/ml



#3 gamma-BHC (Lindane)

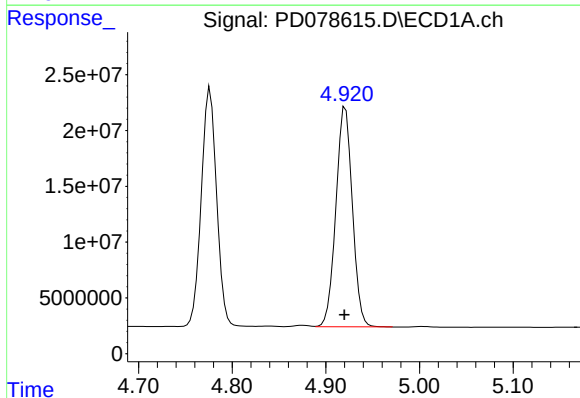
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 242247378
Conc: 51.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



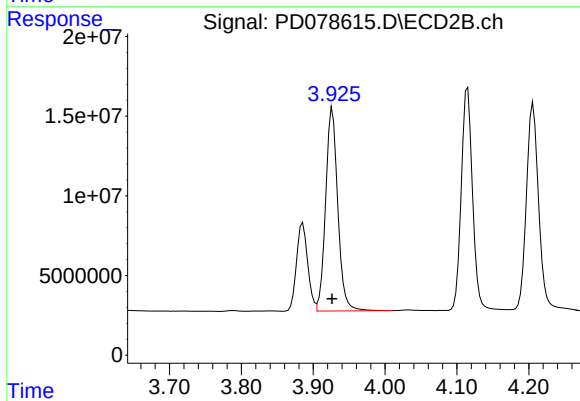
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 152190369
Conc: 52.53 ng/ml



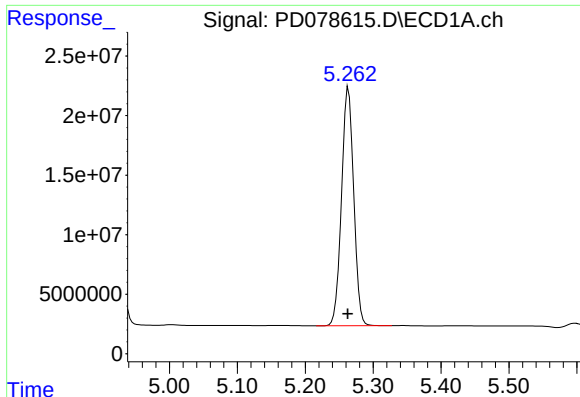
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.001 min
Response: 241207450
Conc: 51.31 ng/ml



#4 Heptachlor

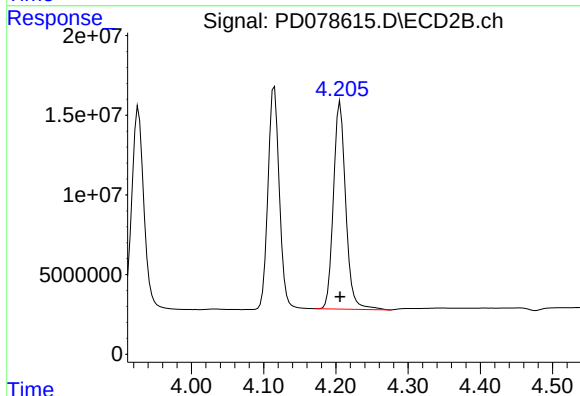
R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 149634897
Conc: 50.72 ng/ml



#5 Aldrin

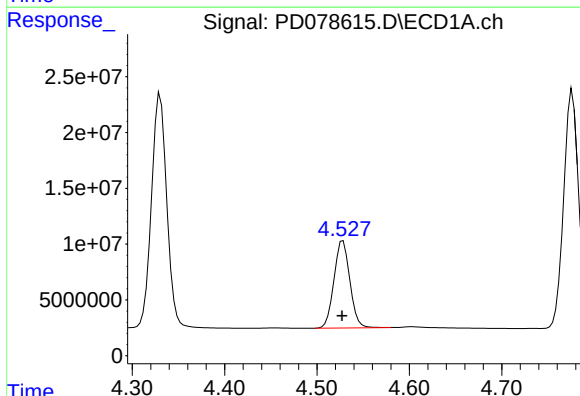
R.T.: 5.264 min
Delta R.T.: 0.001 min
Response: 250043302
Conc: 51.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



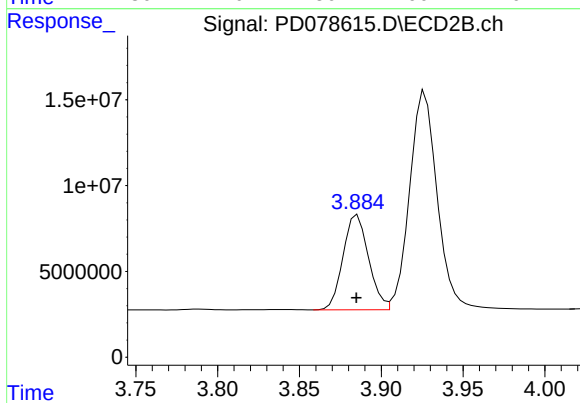
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 154304485
Conc: 52.01 ng/ml



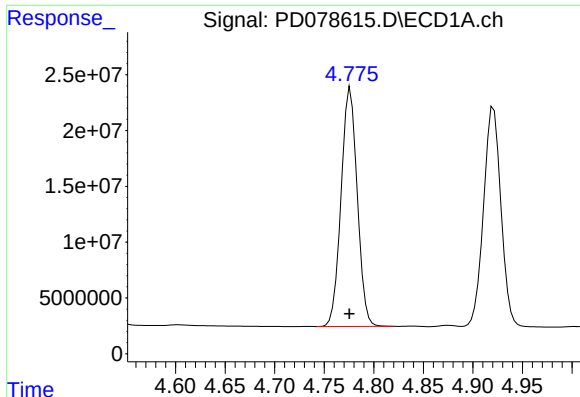
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.001 min
Response: 93485445
Conc: 50.33 ng/ml



#6 beta-BHC

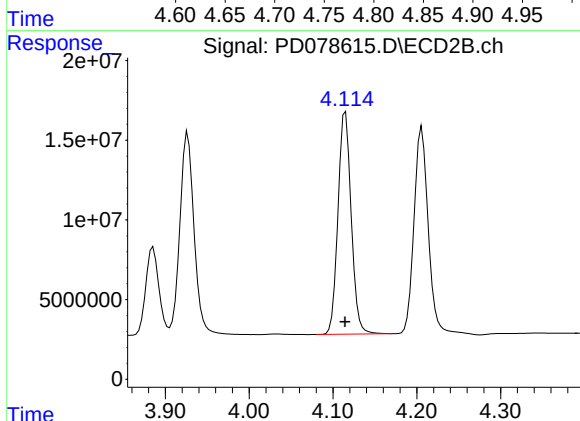
R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 59778785
Conc: 51.72 ng/ml



#7 delta-BHC

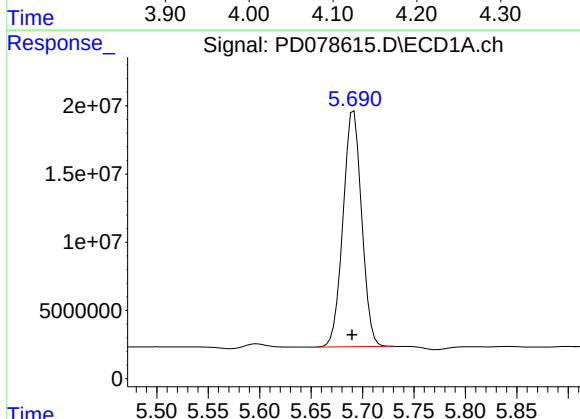
R.T.: 4.776 min
Delta R.T.: 0.001 min
Response: 242851091
Conc: 53.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



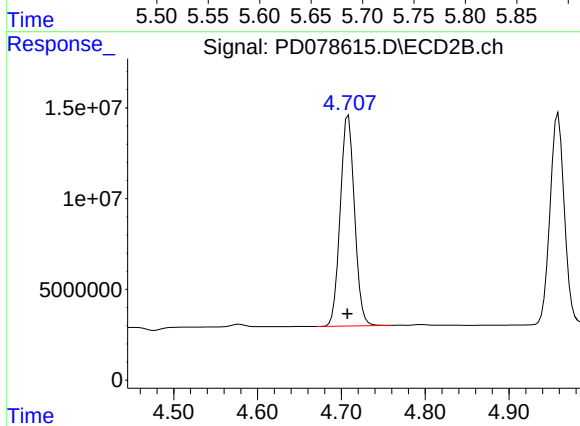
#7 delta-BHC

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 152924246
Conc: 53.45 ng/ml



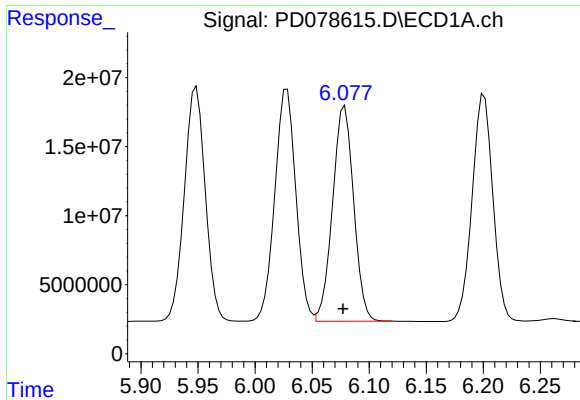
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.002 min
Response: 217942465
Conc: 51.89 ng/ml



#8 Heptachlor epoxide

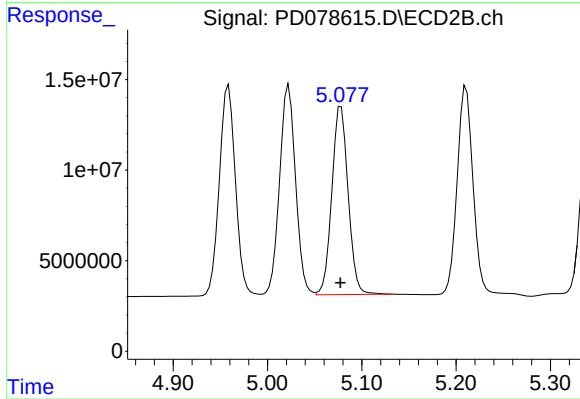
R.T.: 4.708 min
Delta R.T.: 0.001 min
Response: 137621623
Conc: 50.92 ng/ml



#9 Endosulfan I

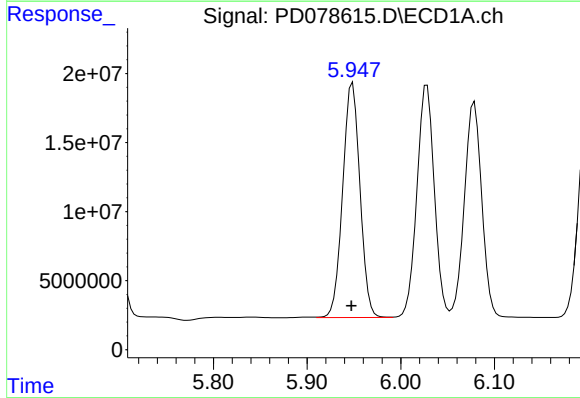
R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 200502421
Conc: 51.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



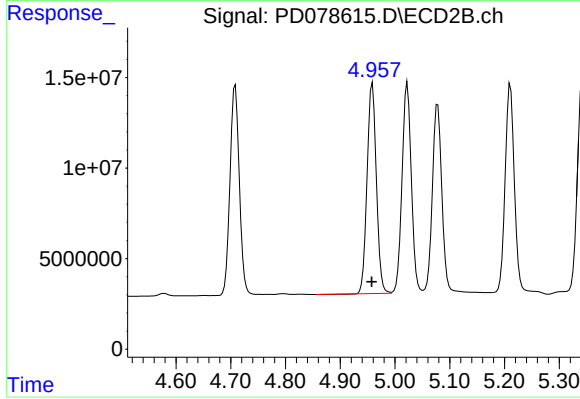
#9 Endosulfan I

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 124744384
Conc: 49.61 ng/ml



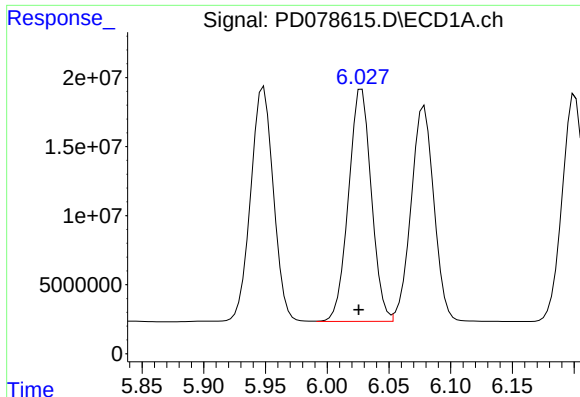
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.001 min
Response: 218088629
Conc: 51.94 ng/ml



#10 gamma-Chlordane

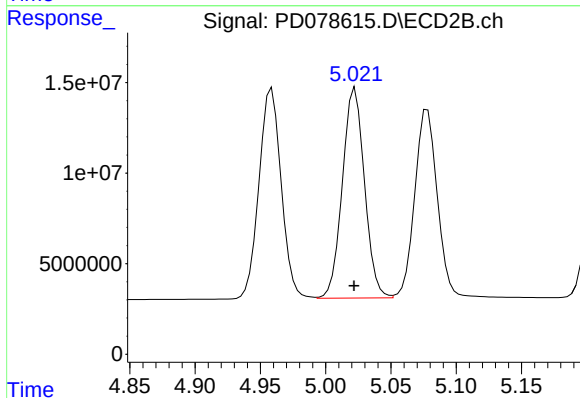
R.T.: 4.959 min
Delta R.T.: 0.001 min
Response: 136925019
Conc: 50.95 ng/ml



#11 alpha-Chlordane

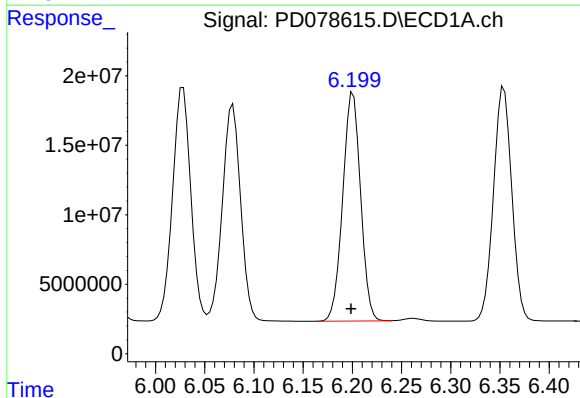
R.T.: 6.028 min
Delta R.T.: 0.002 min
Response: 216747928
Conc: 51.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



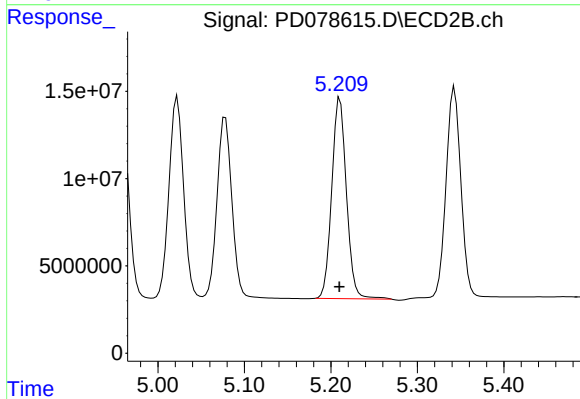
#11 alpha-Chlordane

R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 136744173
Conc: 50.93 ng/ml



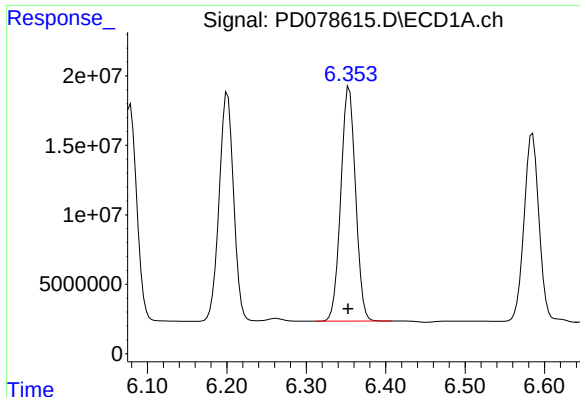
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.002 min
Response: 207513044
Conc: 51.85 ng/ml



#12 4,4'-DDE

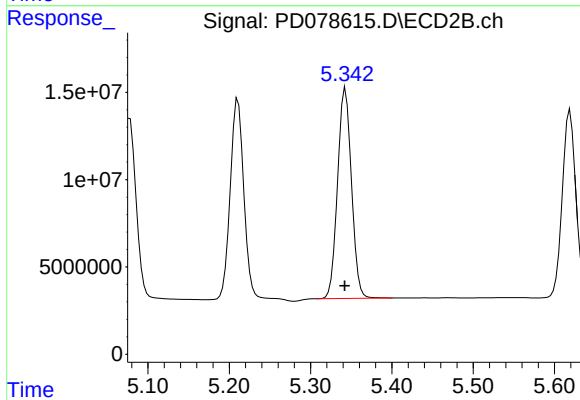
R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 135431728
Conc: 53.23 ng/ml



#13 Dieldrin

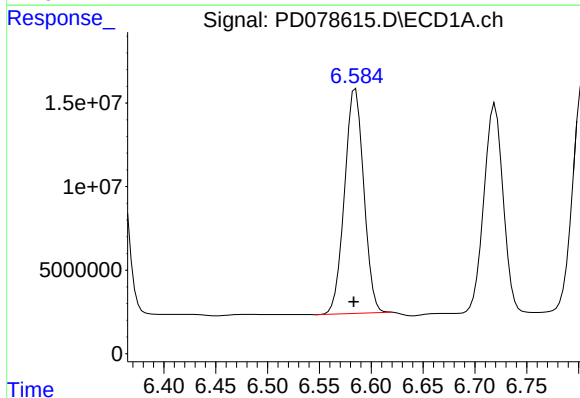
R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 218152879
Conc: 52.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



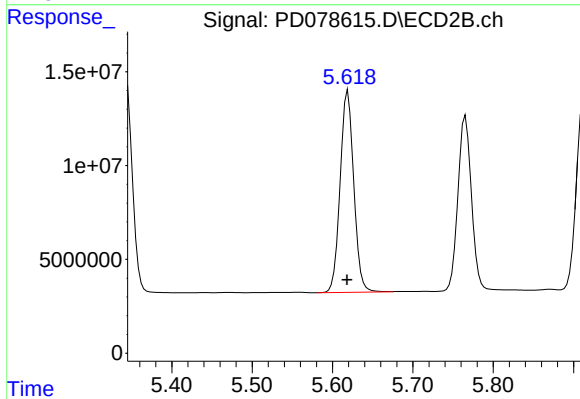
#13 Dieldrin

R.T.: 5.343 min
Delta R.T.: 0.001 min
Response: 143065641
Conc: 51.25 ng/ml



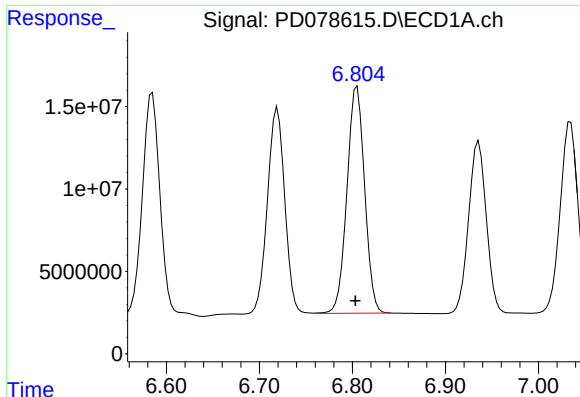
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 173624850
Conc: 51.70 ng/ml



#14 Endrin

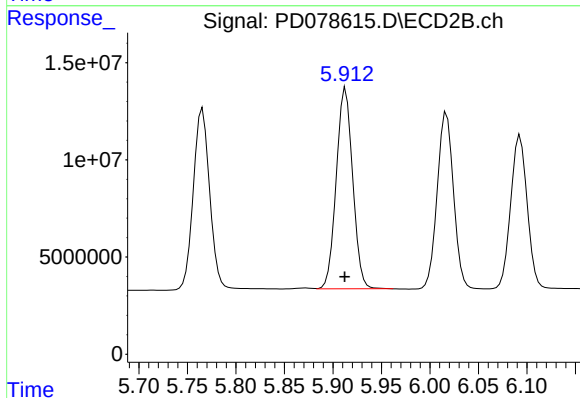
R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 126604173
Conc: 51.17 ng/ml



#15 Endosulfan II

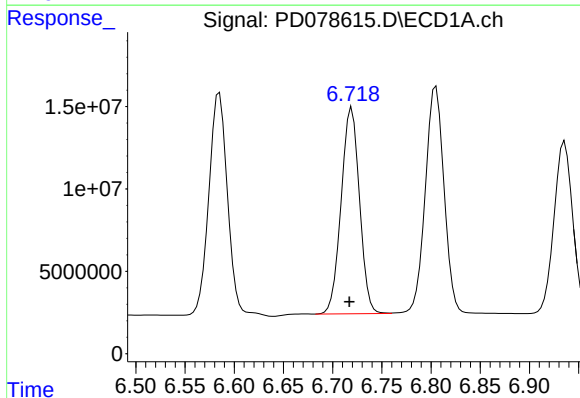
R.T.: 6.805 min
Delta R.T.: 0.002 min
Response: 181921727
Conc: 50.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



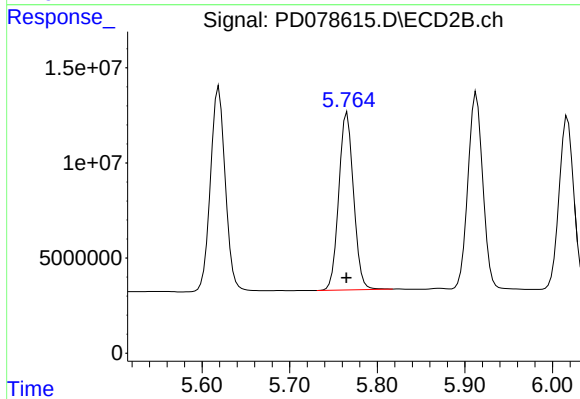
#15 Endosulfan II

R.T.: 5.913 min
Delta R.T.: 0.001 min
Response: 121588886
Conc: 51.08 ng/ml



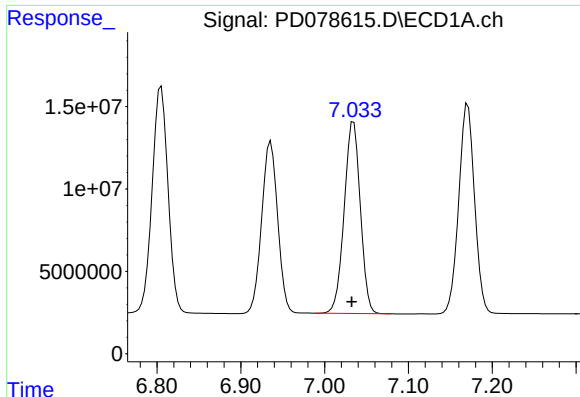
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.002 min
Response: 162234146
Conc: 54.52 ng/ml



#16 4,4'-DDD

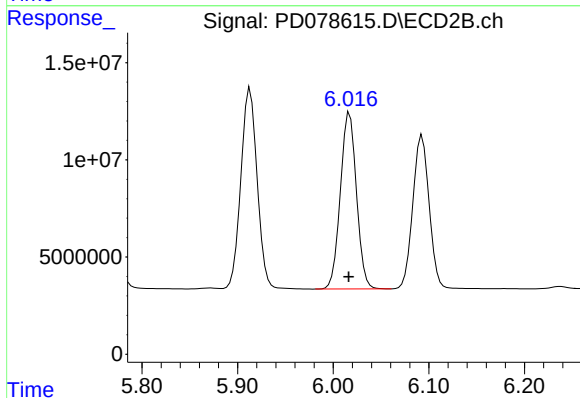
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 109129082
Conc: 55.15 ng/ml



#17 4,4'-DDT

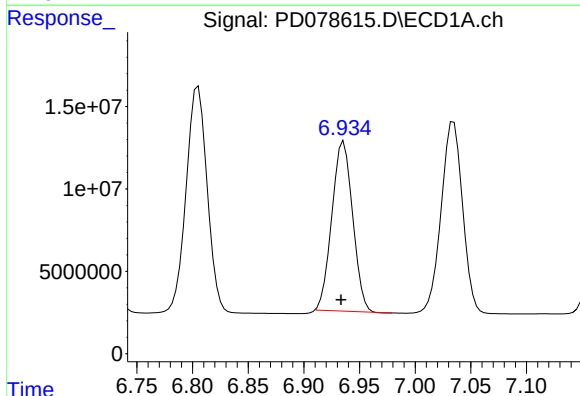
R.T.: 7.035 min
Delta R.T.: 0.002 min
Response: 156162405
Conc: 52.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



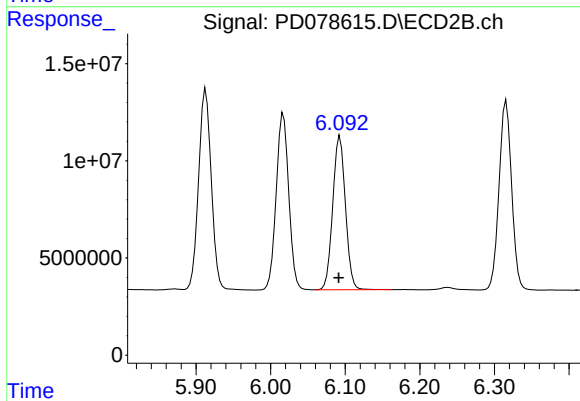
#17 4,4'-DDT

R.T.: 6.017 min
Delta R.T.: 0.001 min
Response: 106585507
Conc: 52.36 ng/ml



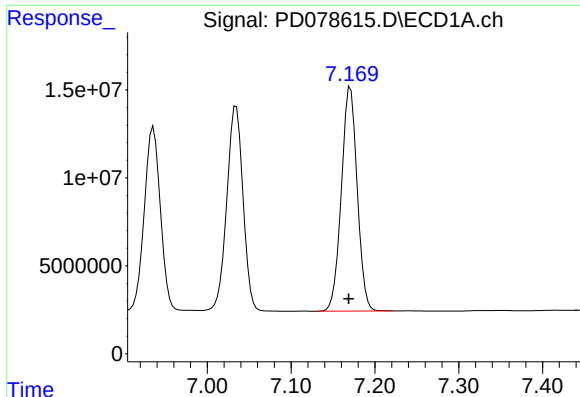
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.002 min
Response: 133649297
Conc: 50.03 ng/ml



#18 Endrin aldehyde

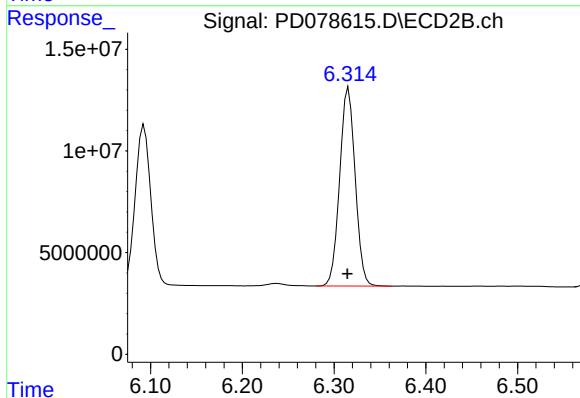
R.T.: 6.093 min
Delta R.T.: 0.001 min
Response: 93688888
Conc: 50.54 ng/ml



#19 Endosulfan Sulfate

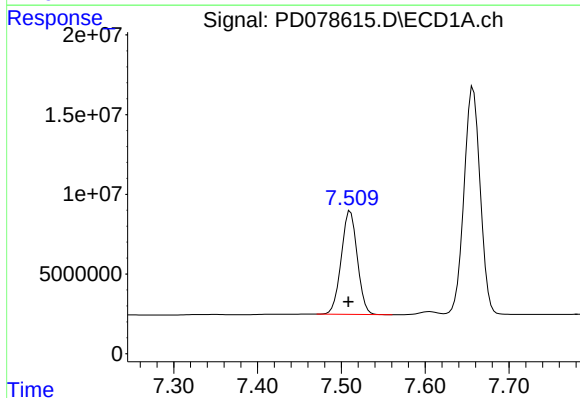
R.T.: 7.171 min
Delta R.T.: 0.002 min
Response: 167578902
Conc: 52.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



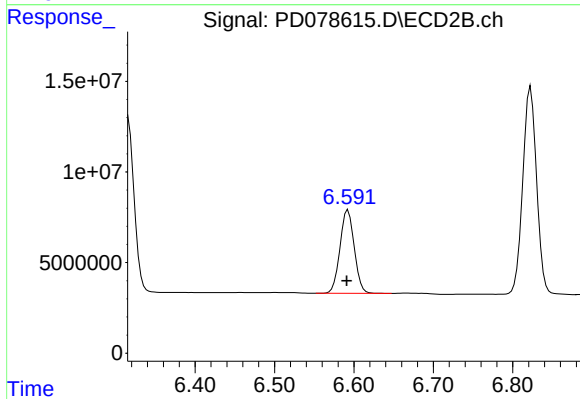
#19 Endosulfan Sulfate

R.T.: 6.316 min
Delta R.T.: 0.001 min
Response: 114449893
Conc: 51.59 ng/ml



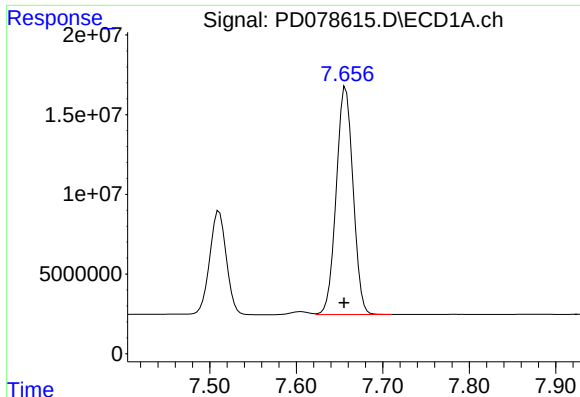
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.002 min
Response: 86293774
Conc: 51.71 ng/ml



#20 Methoxychlor

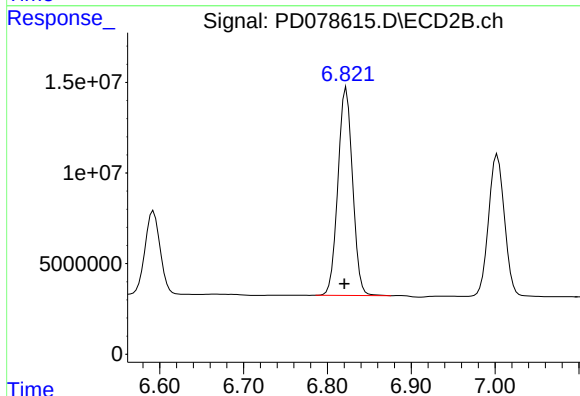
R.T.: 6.593 min
Delta R.T.: 0.002 min
Response: 57548872
Conc: 52.75 ng/ml



#21 Endrin ketone

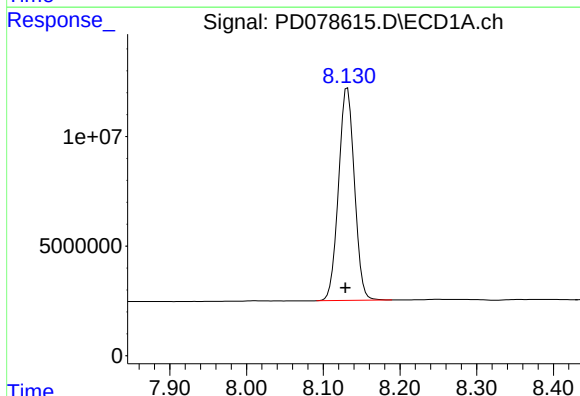
R.T.: 7.657 min
Delta R.T.: 0.002 min
Response: 191864984
Conc: 53.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



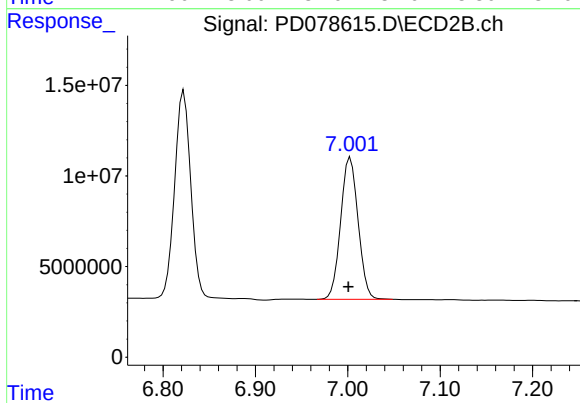
#21 Endrin ketone

R.T.: 6.823 min
Delta R.T.: 0.002 min
Response: 139064659
Conc: 52.99 ng/ml



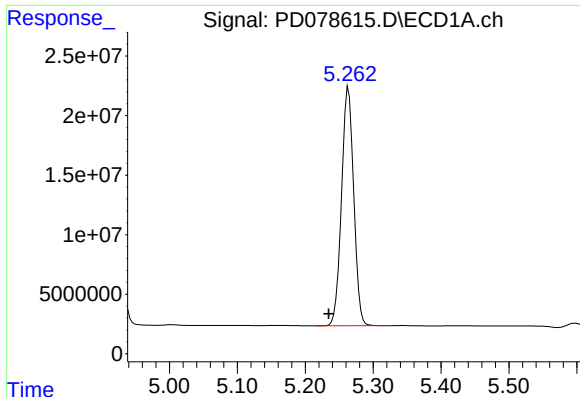
#22 Mirex

R.T.: 8.131 min
Delta R.T.: 0.003 min
Response: 139631660
Conc: 52.28 ng/ml



#22 Mirex

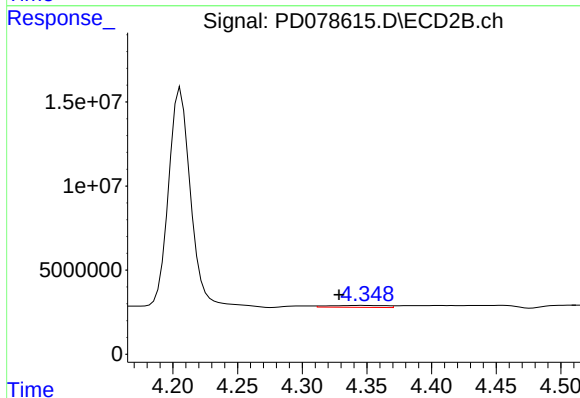
R.T.: 7.003 min
Delta R.T.: 0.002 min
Response: 102782871
Conc: 50.44 ng/ml



#24 Chlordane-2

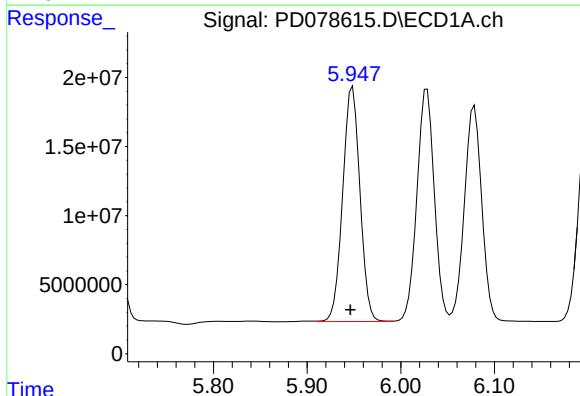
R.T.: 5.264 min
Delta R.T.: 0.029 min
Response: 250043302
Conc: 1753.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



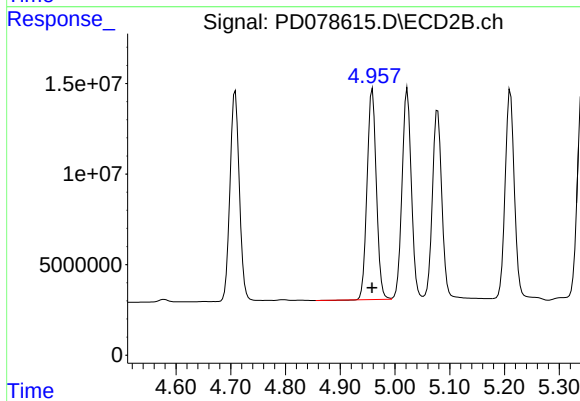
#24 Chlordane-2

R.T.: 4.346 min
Delta R.T.: 0.018 min
Response: 3407847
Conc: 44.01 ng/ml



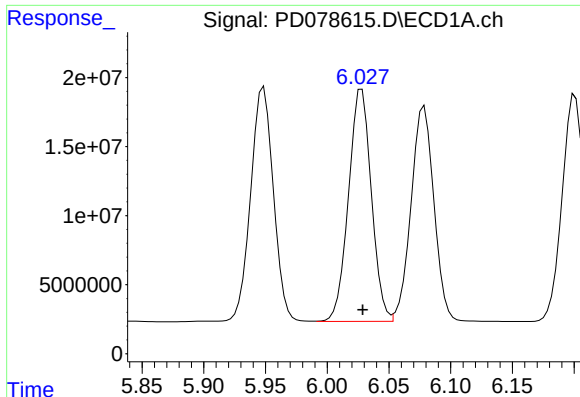
#25 Chlordane-3

R.T.: 5.949 min
Delta R.T.: 0.002 min
Response: 218088629
Conc: 372.78 ng/ml



#25 Chlordane-3

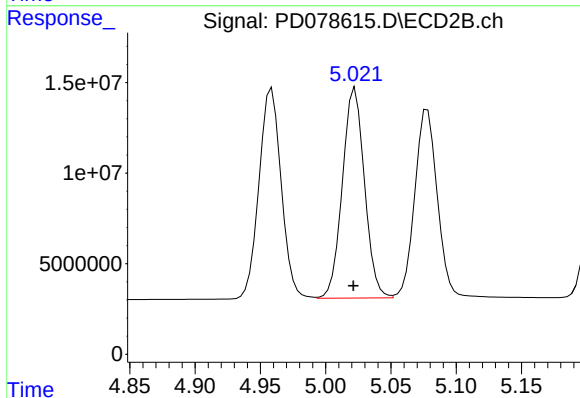
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 136925019
Conc: 531.43 ng/ml



#26 Chlordane-4

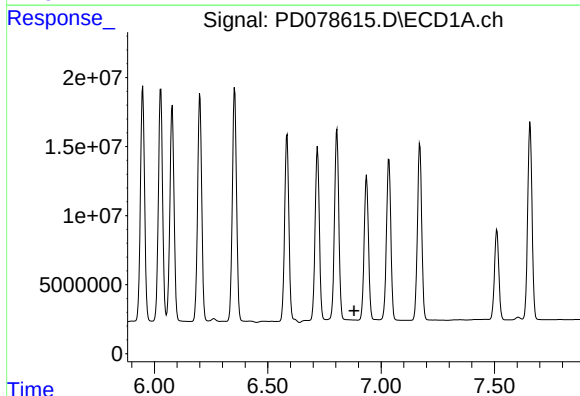
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 216747928
Conc: 306.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



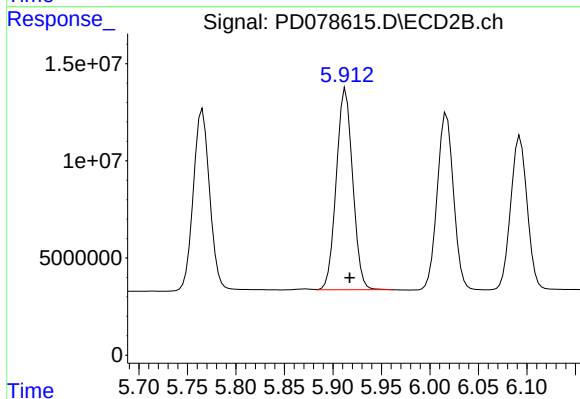
#26 Chlordane-4

R.T.: 5.023 min
Delta R.T.: 0.001 min
Response: 136744173
Conc: 544.50 ng/ml



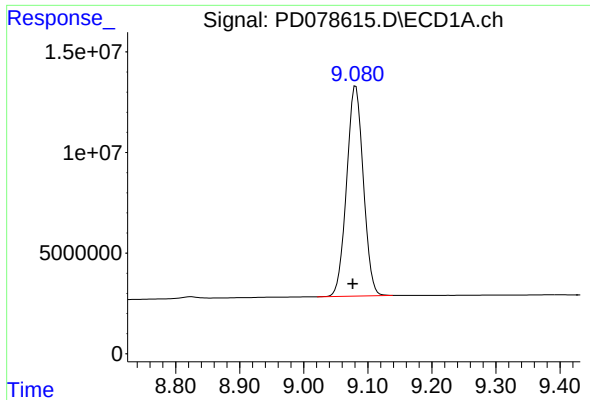
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.881 min
Response: 0
Conc: N.D.



#27 Chlordane-5

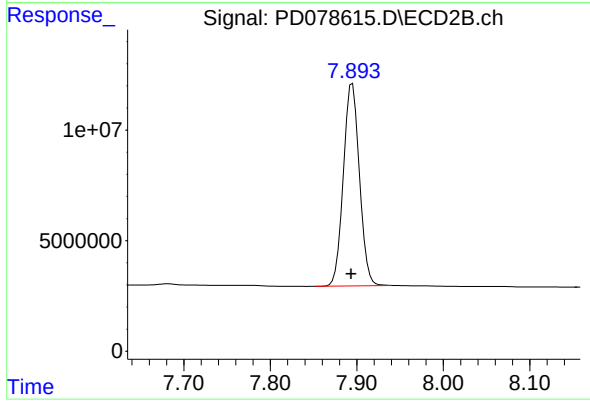
R.T.: 5.913 min
Delta R.T.: -0.004 min
Response: 121588886
Conc: 1414.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: 0.005 min
Response: 188883150
Conc: 50.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: 0.002 min
Response: 117393624
Conc: 51.74 ng/ml