

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042219\
 Data File : PD053014.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Apr 2019 14:28
 Operator : AJ\SJ
 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: Apr 23 03:31:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.221	4.042	75919459	1489.3E6	54.406	51.382
28)	SA Decachlor...	7.819	9.161	64472971	829.9E6	48.376	53.365
Target Compounds							
2)	A alpha-BHC	3.640	4.434	127.6E6	2325.7E6	56.121	51.671
3)	MA gamma-BHC...	3.909	4.721	116.4E6	2064.8E6	53.253	51.327
4)	MA Heptachlor	4.186	5.234	121.0E6	2014.6E6	56.979	50.777
5)	MB Aldrin	4.418	5.541	115.0E6	1877.2E6	57.099	50.697
6)	B beta-BHC	4.155	4.892	46925825	911.0E6	53.167	50.346
7)	B delta-BHC	4.343	5.111	113.5E6	1908.0E6	55.646	57.985
8)	B Heptachlo...	4.845	5.929	106.0E6	1652.5E6	55.792	51.195
9)	A Endosulfan I	5.166	6.289	98251074	1498.4E6	54.977	51.293
10)	B gamma-Chl...	5.062	6.165	108.7E6	1701.2E6	55.751	53.173
11)	B alpha-Chl...	5.118	6.238	107.2E6	1615.6E6	55.550	51.471
12)	B 4,4'-DDE	5.288	6.395	94749131	1547.5E6	50.810	50.691
13)	MA Dieldrin	5.402	6.547	106.8E6	1559.1E6	55.241	52.122
14)	MA Endrin	5.649	6.767	91612770	1259.9E6	49.754	50.278
15)	B Endosulfa...	5.919	6.977	90997200	1274.5E6	53.015	51.148
16)	A 4,4'-DDD	5.790	6.888	79947018	1227.5E6	52.307	51.327
17)	MA 4,4'-DDT	6.020	7.189	71154512	969.2E6	49.461	52.013
18)	B Endrin al...	6.086	7.102	74174378	1056.4E6	51.738	51.321
19)	B Endosulfa...	6.294	7.326	79745878	1152.8E6	52.005	52.399
20)	A Methoxychlor	6.566	7.649	40603192	524.8E6	48.061	52.462
21)	B Endrin ke...	6.769	7.801	95807683	1124.8E6	52.677	54.896
22)	Mirex	6.936	8.259	66751279	728.2E6	54.489	56.468
23)	Chlordane-1	4.073f	0.000	846857	0	13.486	N.D. #
24)	Chlordane-2	0.000	5.541f	0	1877.2E6	N.D.	1340.399 #
25)	Chlordane-3	5.062	6.165	108.7E6	1701.2E6	491.587	385.519
26)	Chlordane-4	5.118	6.238	107.2E6	1615.6E6	505.511	317.711 #
27)	Chlordane-5	5.919	0.000	90997200	0	1399.245	N.D. #

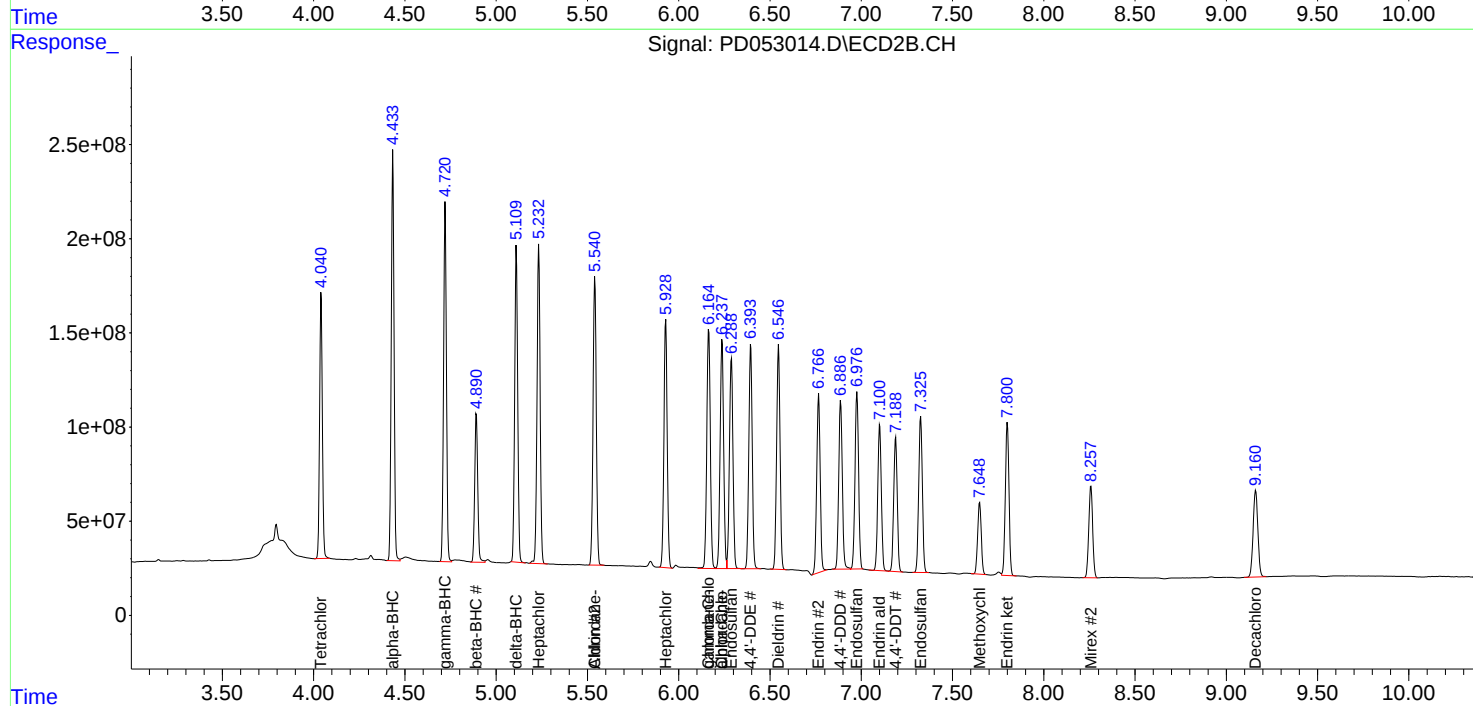
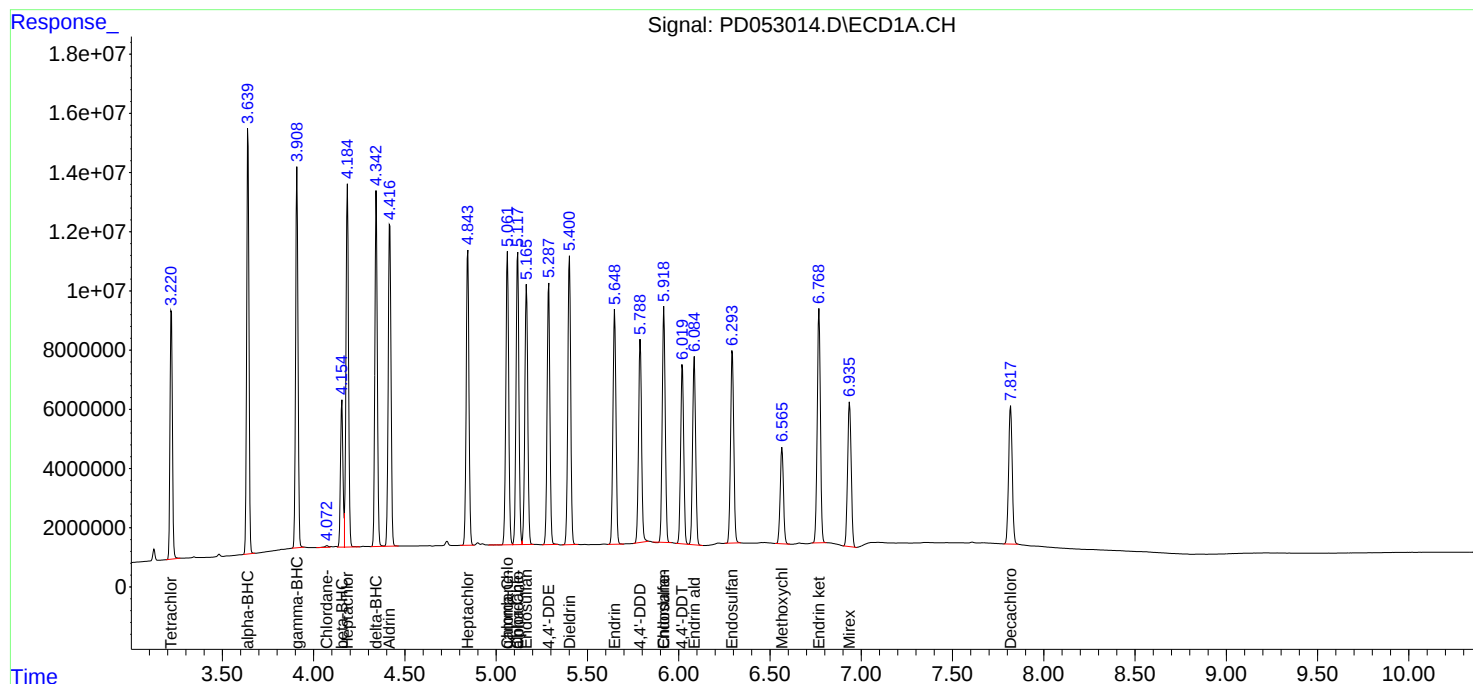
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

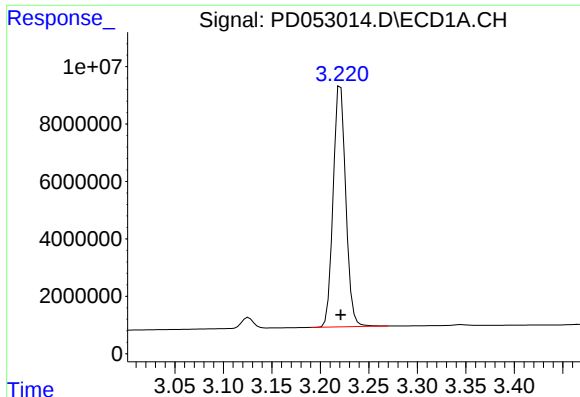
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042219\
Data File : PD053014.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Apr 2019 14:28
Operator : AJ\SJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
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Integration File signal 1: autoint1.e
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Quant Time: Apr 23 03:31:32 2019
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

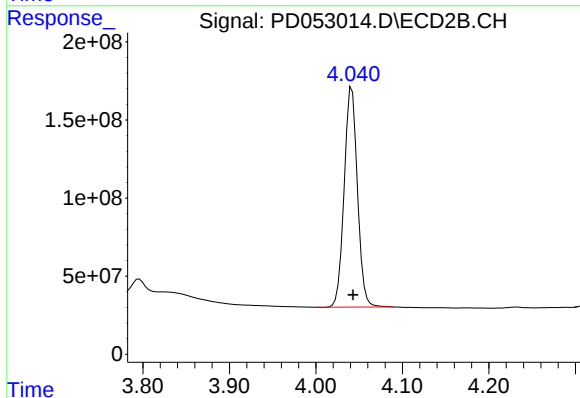




#1 Tetrachloro-m-xylene

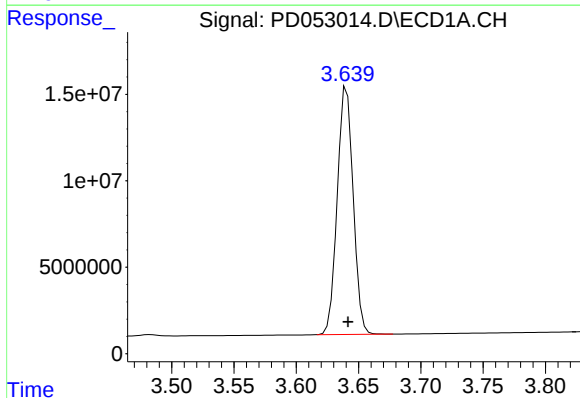
R.T.: 3.221 min
Delta R.T.: 0.000 min
Response: 75919459
Conc: 54.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



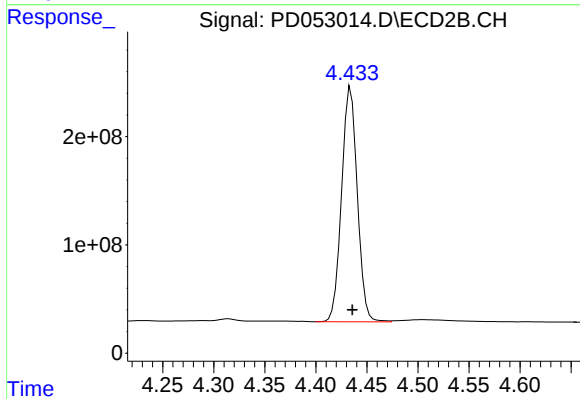
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: -0.001 min
Response: 1489265764
Conc: 51.38 ng/ml



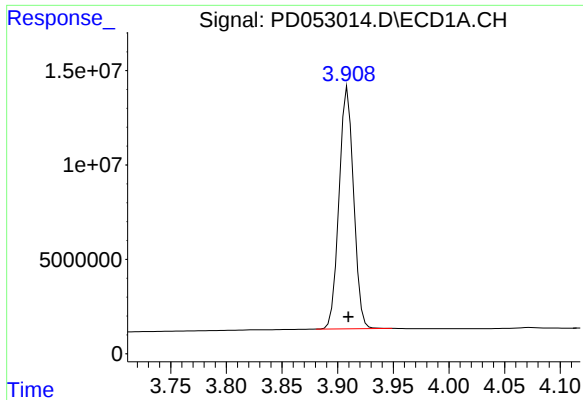
#2 alpha-BHC

R.T.: 3.640 min
Delta R.T.: -0.001 min
Response: 127572630
Conc: 56.12 ng/ml



#2 alpha-BHC

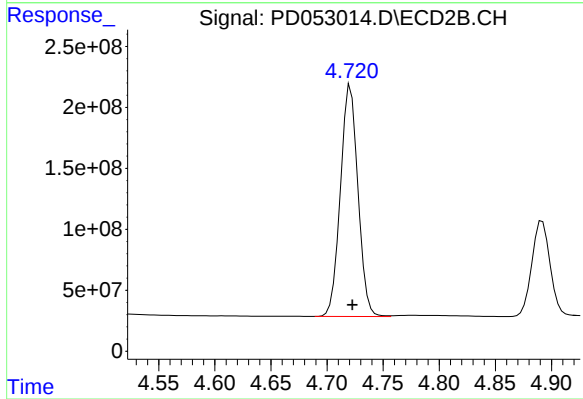
R.T.: 4.434 min
Delta R.T.: -0.001 min
Response: 2325704857
Conc: 51.67 ng/ml



#3 gamma-BHC (Lindane)

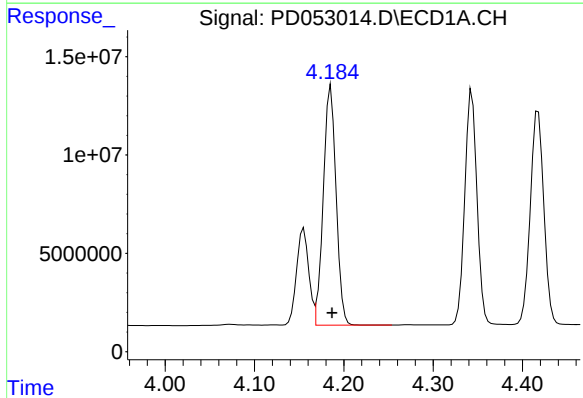
R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 116439186
Conc: 53.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



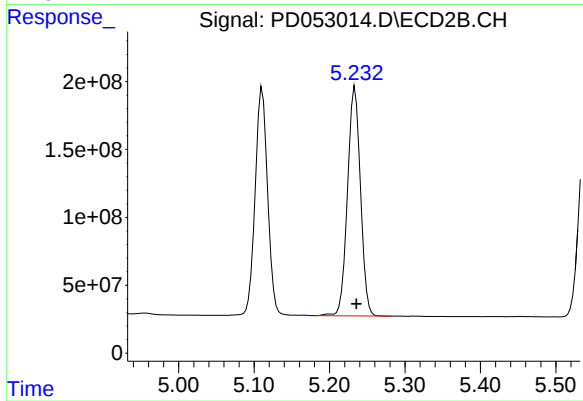
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 2064842481
Conc: 51.33 ng/ml



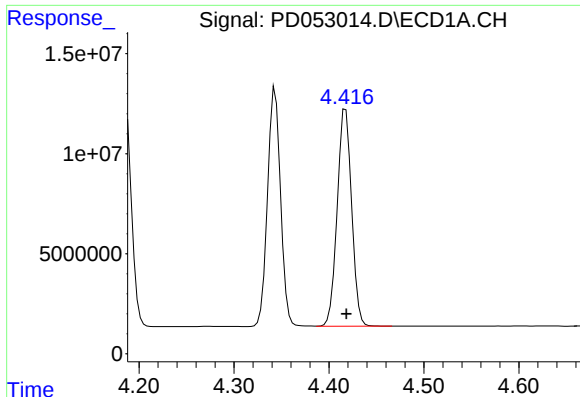
#4 Heptachlor

R.T.: 4.186 min
Delta R.T.: -0.001 min
Response: 120976235
Conc: 56.98 ng/ml



#4 Heptachlor

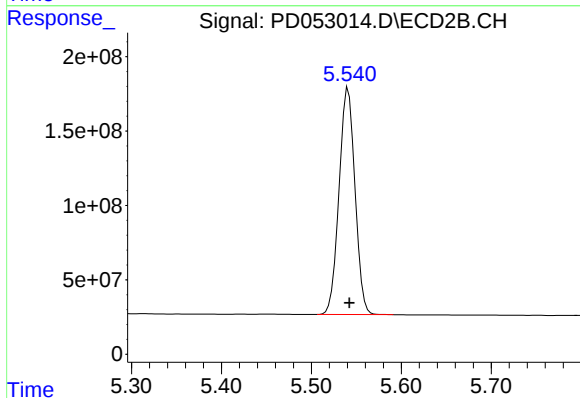
R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 2014552045
Conc: 50.78 ng/ml



#5 Aldrin

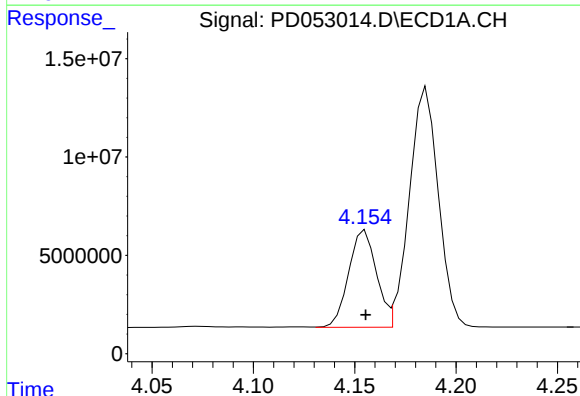
R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 114970857
Conc: 57.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



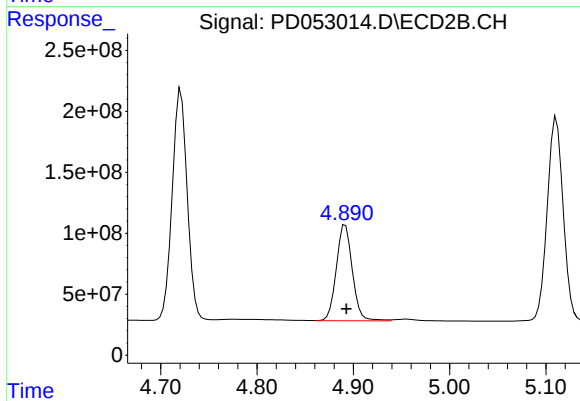
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: -0.001 min
Response: 1877188771
Conc: 50.70 ng/ml



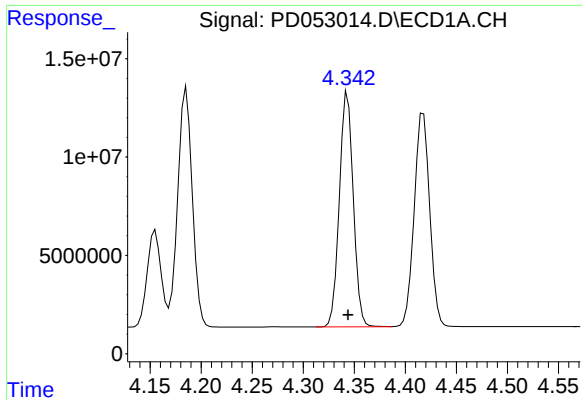
#6 beta-BHC

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 46925825
Conc: 53.17 ng/ml



#6 beta-BHC

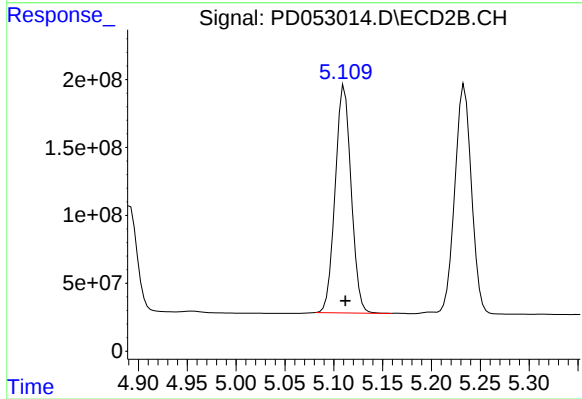
R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 910990313
Conc: 50.35 ng/ml



#7 delta-BHC

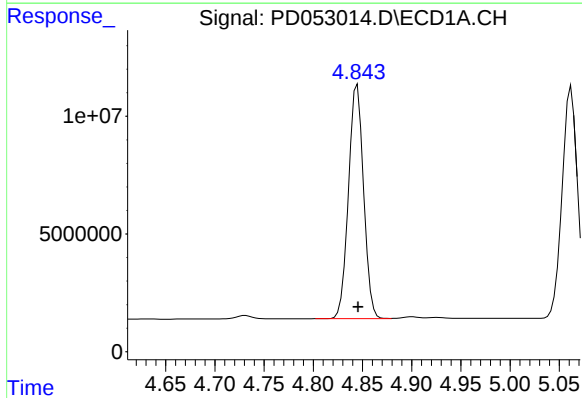
R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 113497607
Conc: 55.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



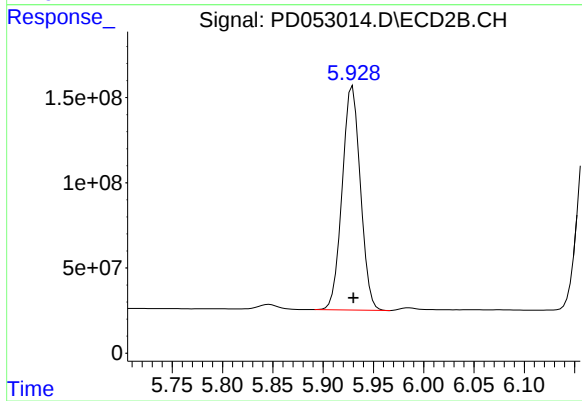
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: -0.001 min
Response: 1908047704
Conc: 57.98 ng/ml



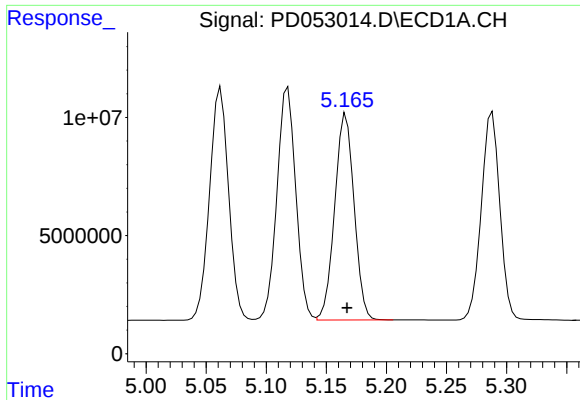
#8 Heptachlor epoxide

R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 106033994
Conc: 55.79 ng/ml



#8 Heptachlor epoxide

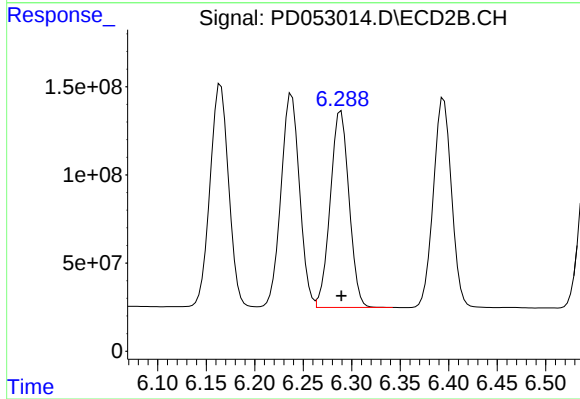
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 1652487525
Conc: 51.19 ng/ml



#9 Endosulfan I

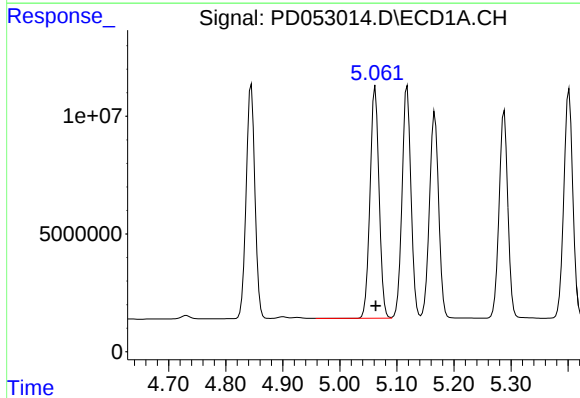
R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 98251074
Conc: 54.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



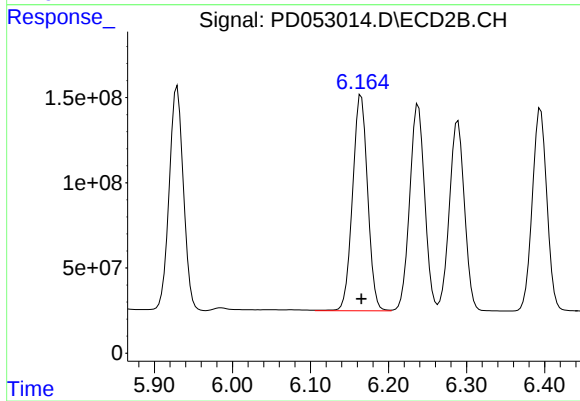
#9 Endosulfan I

R.T.: 6.289 min
Delta R.T.: 0.000 min
Response: 1498434344
Conc: 51.29 ng/ml



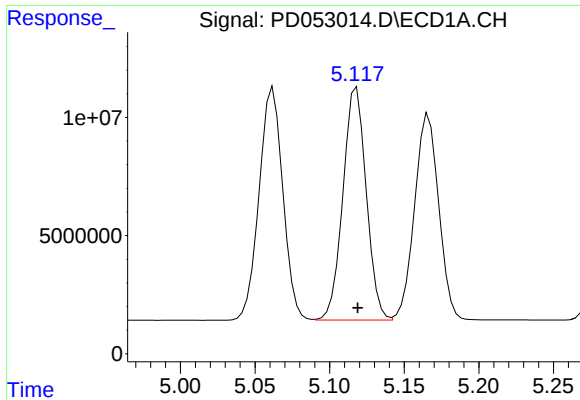
#10 gamma-Chlordane

R.T.: 5.062 min
Delta R.T.: 0.000 min
Response: 108708214
Conc: 55.75 ng/ml



#10 gamma-Chlordane

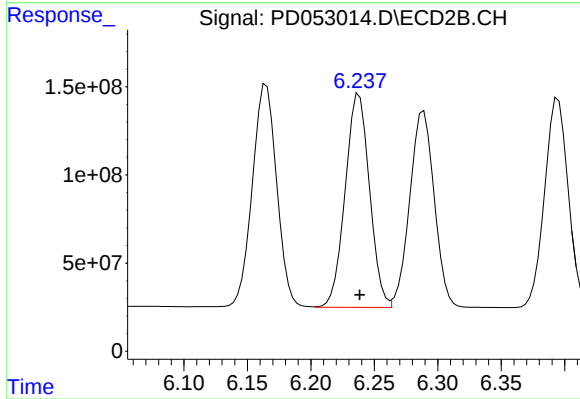
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 1701217424
Conc: 53.17 ng/ml



#11 alpha-Chlordane

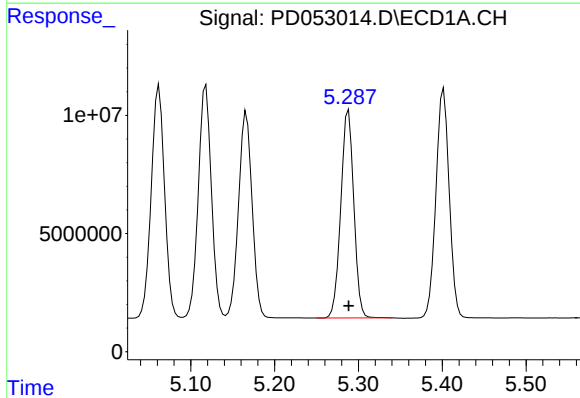
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 107215193
Conc: 55.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



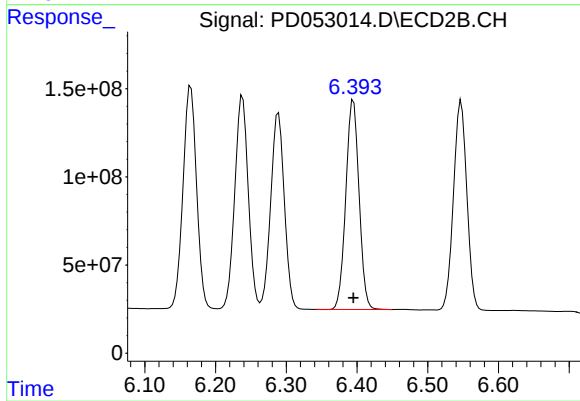
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 1615605453
Conc: 51.47 ng/ml



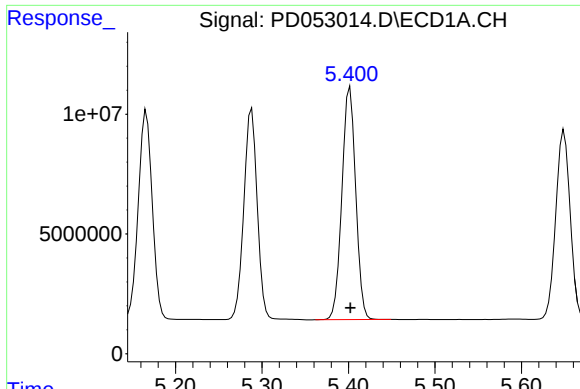
#12 4,4'-DDE

R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 94749131
Conc: 50.81 ng/ml



#12 4,4'-DDE

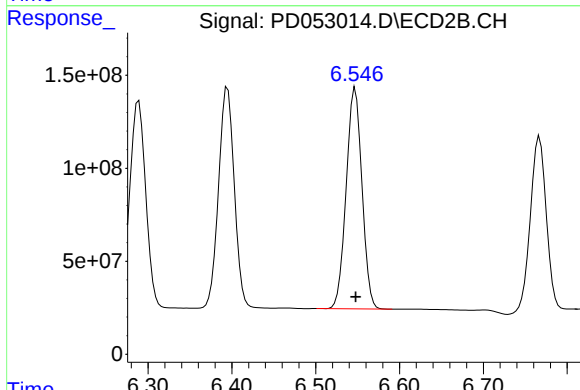
R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 1547529977
Conc: 50.69 ng/ml



#13 Dieldrin

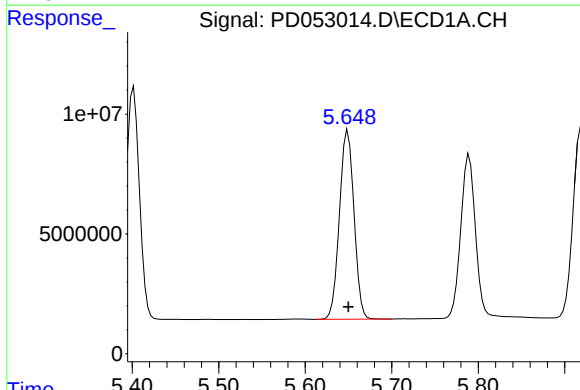
R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 106809945
Conc: 55.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



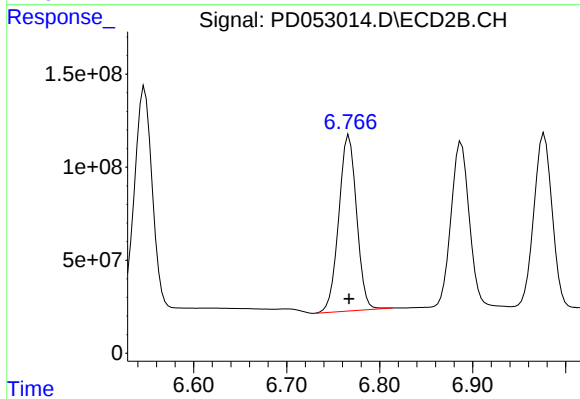
#13 Dieldrin

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 1559058046
Conc: 52.12 ng/ml



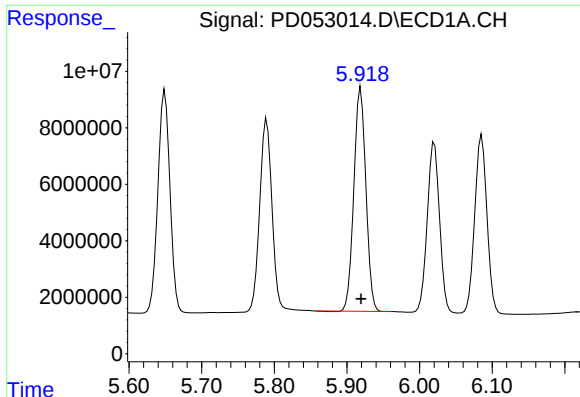
#14 Endrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 91612770
Conc: 49.75 ng/ml



#14 Endrin

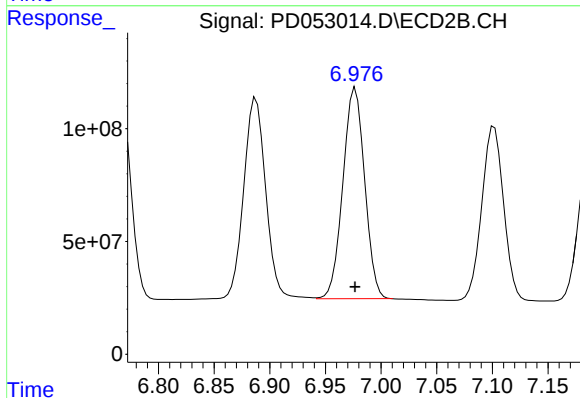
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 1259878843
Conc: 50.28 ng/ml



#15 Endosulfan II

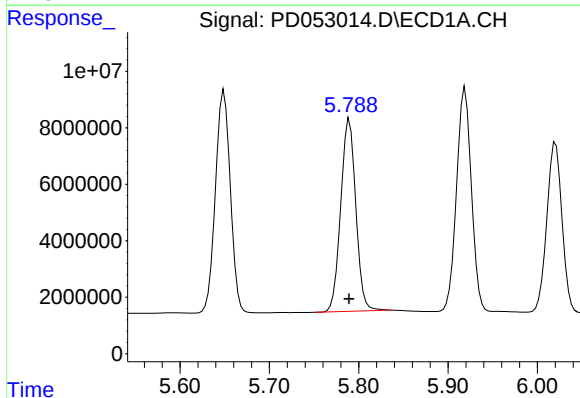
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 90997200
Conc: 53.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



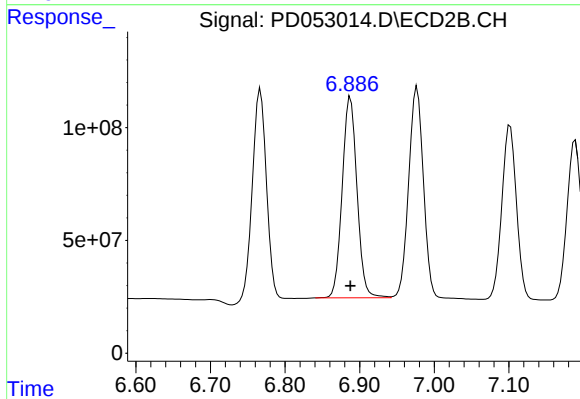
#15 Endosulfan II

R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 1274469921
Conc: 51.15 ng/ml



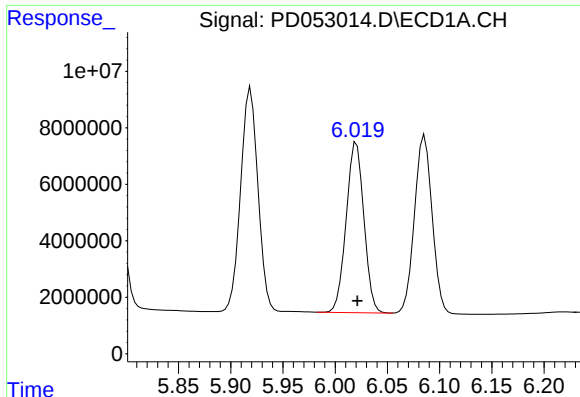
#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 79947018
Conc: 52.31 ng/ml



#16 4,4'-DDD

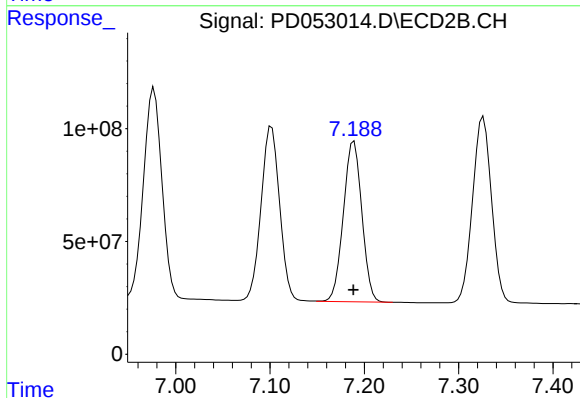
R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 1227540682
Conc: 51.33 ng/ml



#17 4,4'-DDT

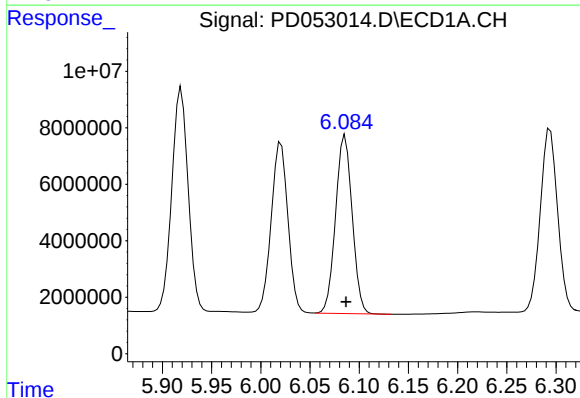
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 71154512
Conc: 49.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



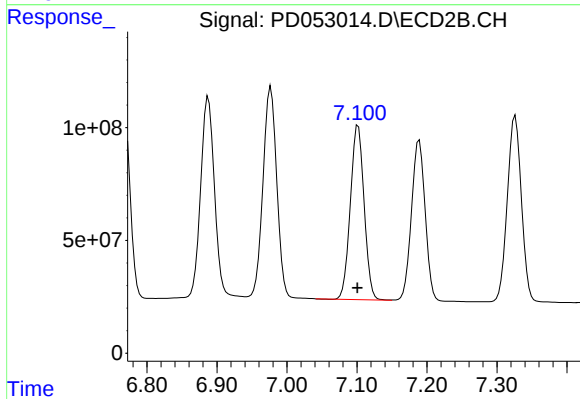
#17 4,4'-DDT

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 969209294
Conc: 52.01 ng/ml



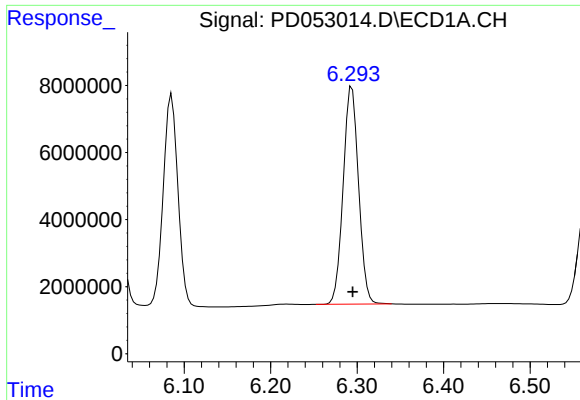
#18 Endrin aldehyde

R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 74174378
Conc: 51.74 ng/ml



#18 Endrin aldehyde

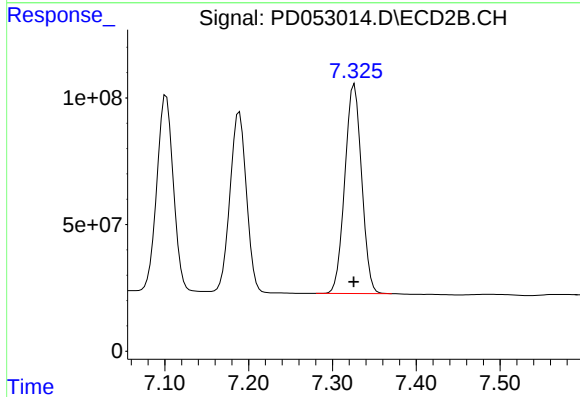
R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 1056449543
Conc: 51.32 ng/ml



#19 Endosulfan Sulfate

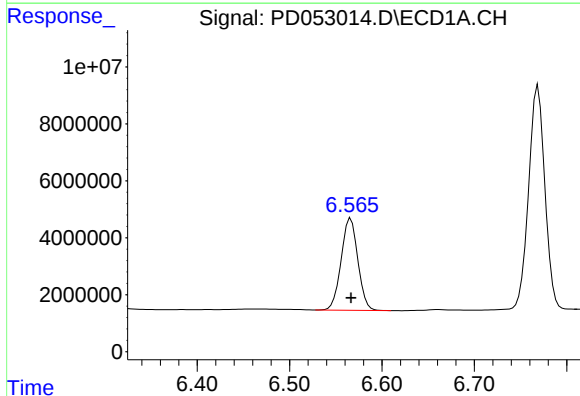
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 79745878
Conc: 52.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



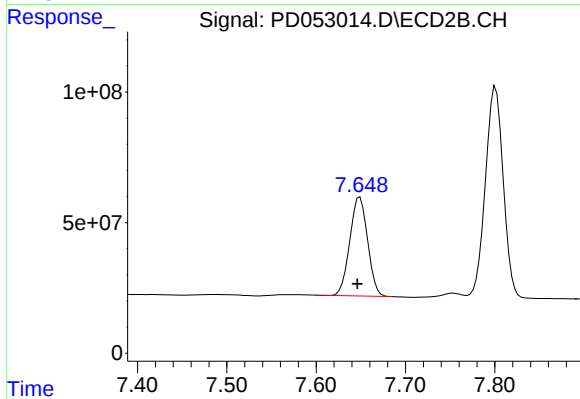
#19 Endosulfan Sulfate

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 1152762475
Conc: 52.40 ng/ml



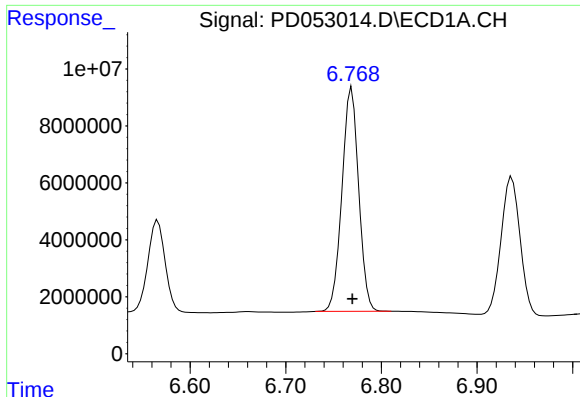
#20 Methoxychlor

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 40603192
Conc: 48.06 ng/ml



#20 Methoxychlor

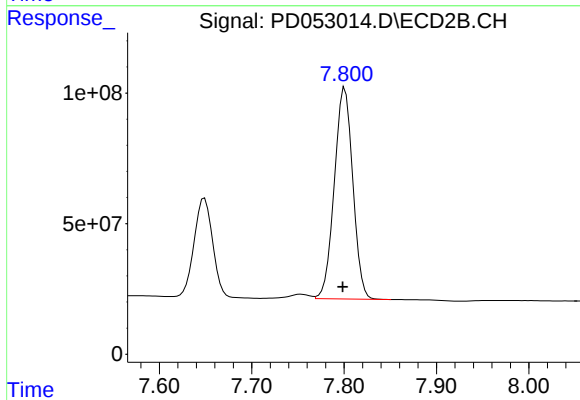
R.T.: 7.649 min
Delta R.T.: 0.003 min
Response: 524789826
Conc: 52.46 ng/ml



#21 Endrin ketone

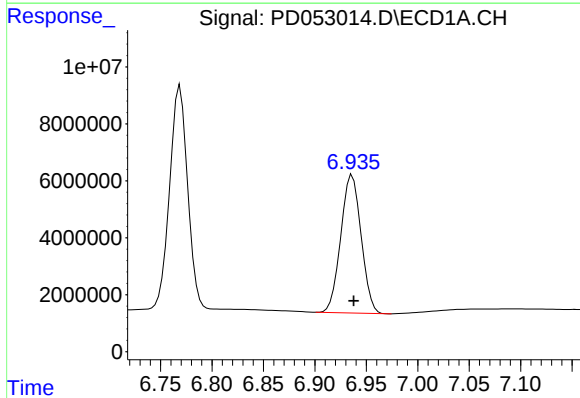
R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 95807683
Conc: 52.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



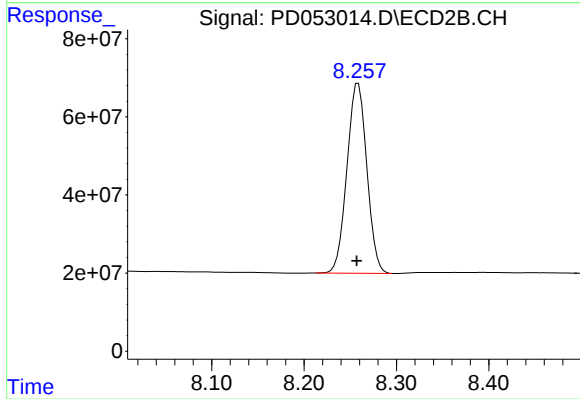
#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.003 min
Response: 1124804055
Conc: 54.90 ng/ml



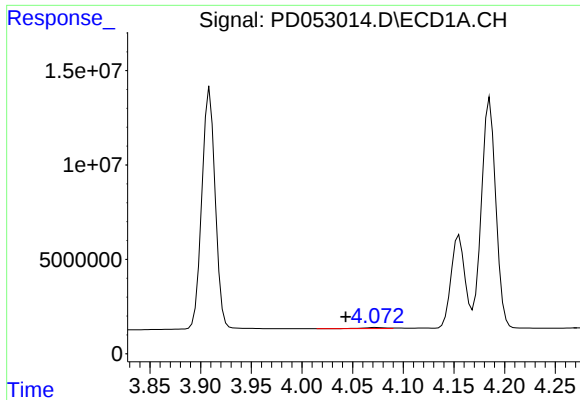
#22 Mirex

R.T.: 6.936 min
Delta R.T.: -0.001 min
Response: 66751279
Conc: 54.49 ng/ml



#22 Mirex

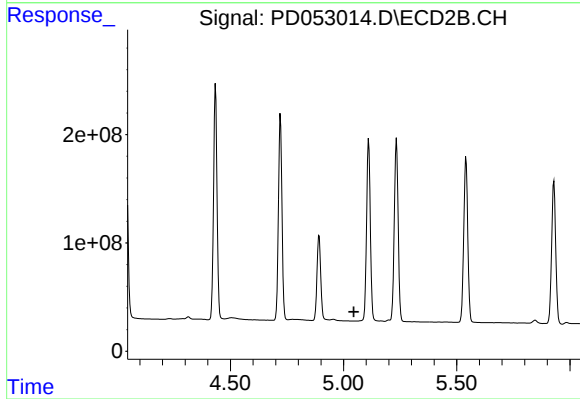
R.T.: 8.259 min
Delta R.T.: 0.002 min
Response: 728180557
Conc: 56.47 ng/ml



#23 Chlordane-1

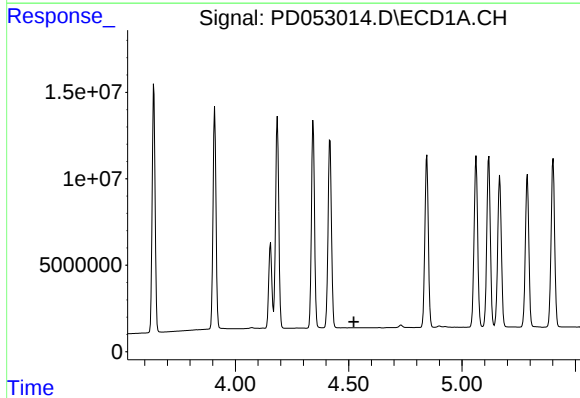
R.T.: 4.073 min
Delta R.T.: 0.030 min
Response: 846857
Conc: 13.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



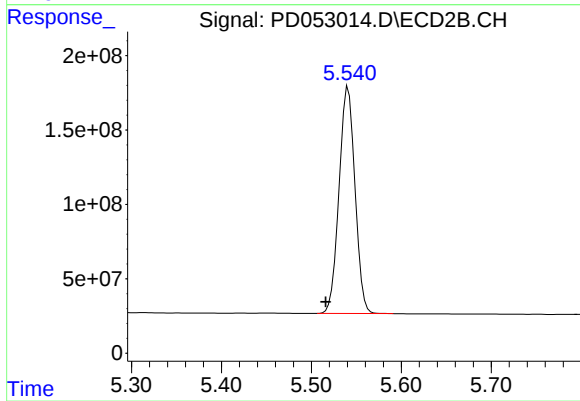
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.046 min
Response: 0
Conc: N.D.



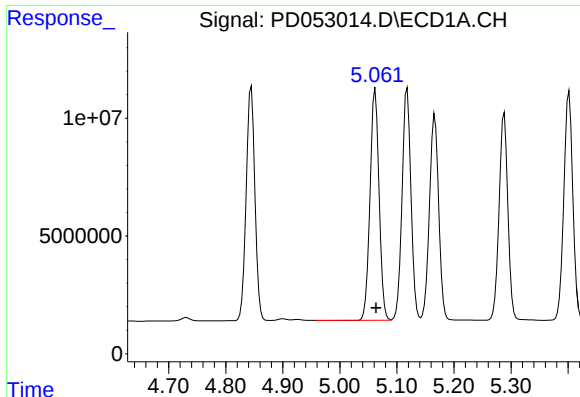
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.523 min
Response: 0
Conc: N.D.



#24 Chlordane-2

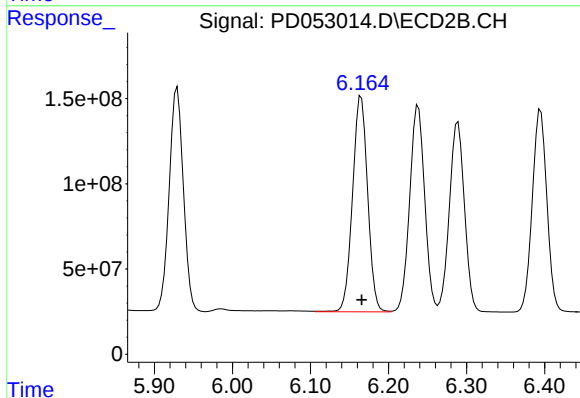
R.T.: 5.541 min
Delta R.T.: 0.025 min
Response: 1877188771
Conc: 1340.40 ng/ml



#25 Chlordane-3

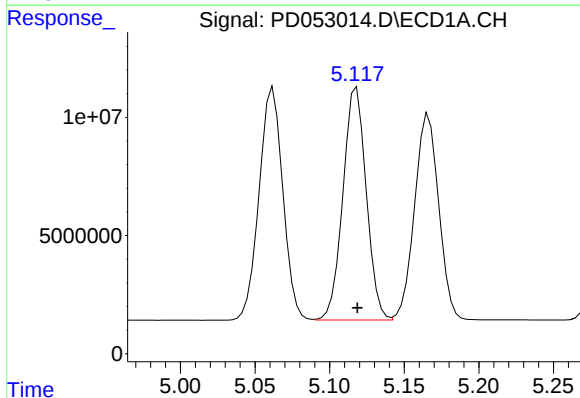
R.T.: 5.062 min
Delta R.T.: -0.002 min
Response: 108708214
Conc: 491.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



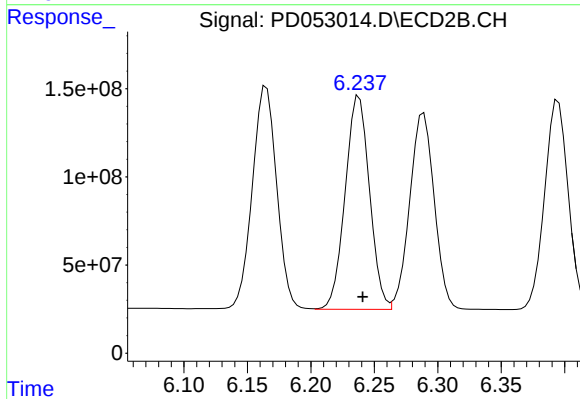
#25 Chlordane-3

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 1701217424
Conc: 385.52 ng/ml



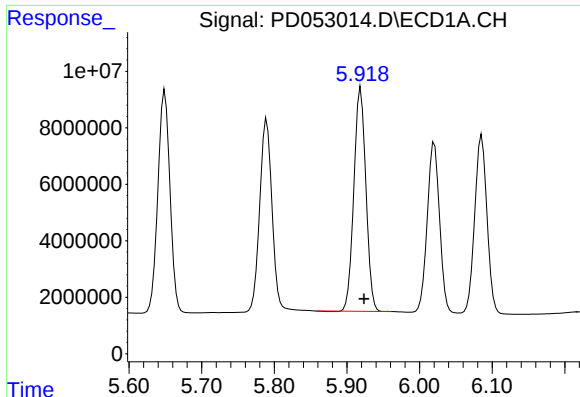
#26 Chlordane-4

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 107215193
Conc: 505.51 ng/ml



#26 Chlordane-4

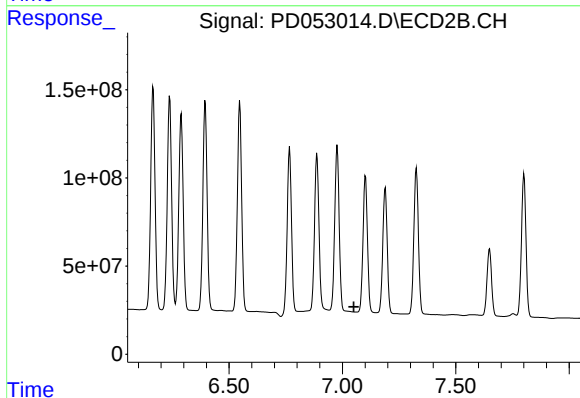
R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 1615605453
Conc: 317.71 ng/ml



#27 Chlordane-5

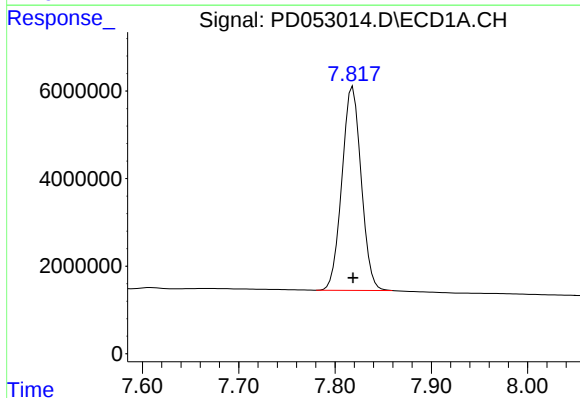
R.T.: 5.919 min
Delta R.T.: -0.005 min
Response: 90997200
Conc: 1399.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



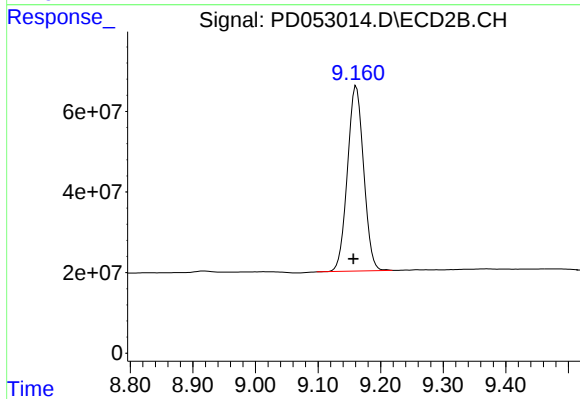
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 7.050 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.819 min
Delta R.T.: 0.000 min
Response: 64472971
Conc: 48.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.161 min
Delta R.T.: 0.005 min
Response: 829902411
Conc: 53.37 ng/ml