

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061325\
 Data File : PD088952.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 17:48
 Operator : AR\AJ
 Sample : Q2285-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 22:35:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.548	2.880	46848544	296.1E6	21.652	19.577
2)	SA Decachlor...	9.071	8.070	75373644	402.3E6	22.024	22.034
Target Compounds							
2)	A alpha-BHC	3.998	3.392	279.3E6	1255.1E6	58.477	52.506
3)	MA gamma-BHC...	4.329	3.728	278.4E6	1166.6E6	60.476	52.632
4)	MA Heptachlor	4.928	4.082	255.8E6	1135.5E6	57.218	50.569
5)	MB Aldrin	5.269	4.367	248.5E6	1118.9E6	56.552	51.024
6)	B beta-BHC	4.514	4.024	102.8E6	514.2E6	56.993	52.781
7)	B delta-BHC	4.762	4.261	271.9E6	1194.9E6	64.349	53.599
8)	B Heptachlo...	5.689	4.871	229.6E6	1042.3E6	57.835	52.455
9)	A Endosulfan I	6.073	5.246	216.4E6	1003.1E6	57.501	52.857
10)	B gamma-Chl...	5.944	5.124	229.4E6	1140.0E6	57.516	53.443
11)	B alpha-Chl...	6.025	5.189	230.6E6	1091.5E6	57.562	52.922
12)	B 4,4'-DDE	6.194	5.374	208.5E6	1097.6E6	58.089	52.510
13)	MA Dieldrin	6.345	5.511	230.7E6	1106.9E6	57.503	52.600
14)	MA Endrin	6.573	5.787	193.9E6	1005.2E6	56.776	52.125
15)	B Endosulfa...	6.784	6.079	195.7E6	973.3E6	56.820	53.121
16)	A 4,4'-DDD	6.703	5.928	165.9E6	921.1E6	59.568	52.962
17)	MA 4,4'-DDT	7.019	6.181	172.5E6	944.8E6	55.250	52.089
18)	B Endrin al...	6.913	6.257	145.5E6	729.9E6	56.520	52.406
19)	B Endosulfa...	7.148	6.480	183.2E6	941.1E6	57.198	53.000
20)	A Methoxychlor	7.492	6.753	90238023	488.6E6	54.017	51.034
21)	B Endrin ke...	7.628	6.990	195.2E6	1031.7E6	57.013	53.327
22)	Mirex	8.112	7.184	140.3E6	769.6E6	53.989	50.625
23)	Chlordane-1	0.000	3.903	0	8653605	N.D.	10.472 #
24)	Chlordane-2	5.269f	4.506	248.5E6	6587877	1354.291	7.805 #
25)	Chlordane-3	5.944	5.124	229.4E6	1140.0E6	310.080	432.352 #
26)	Chlordane-4	6.025	5.189	230.6E6	1091.5E6	257.322	493.334 #
27)	Chlordane-5	6.863	6.079	213741	973.3E6	1.405	972.445 #

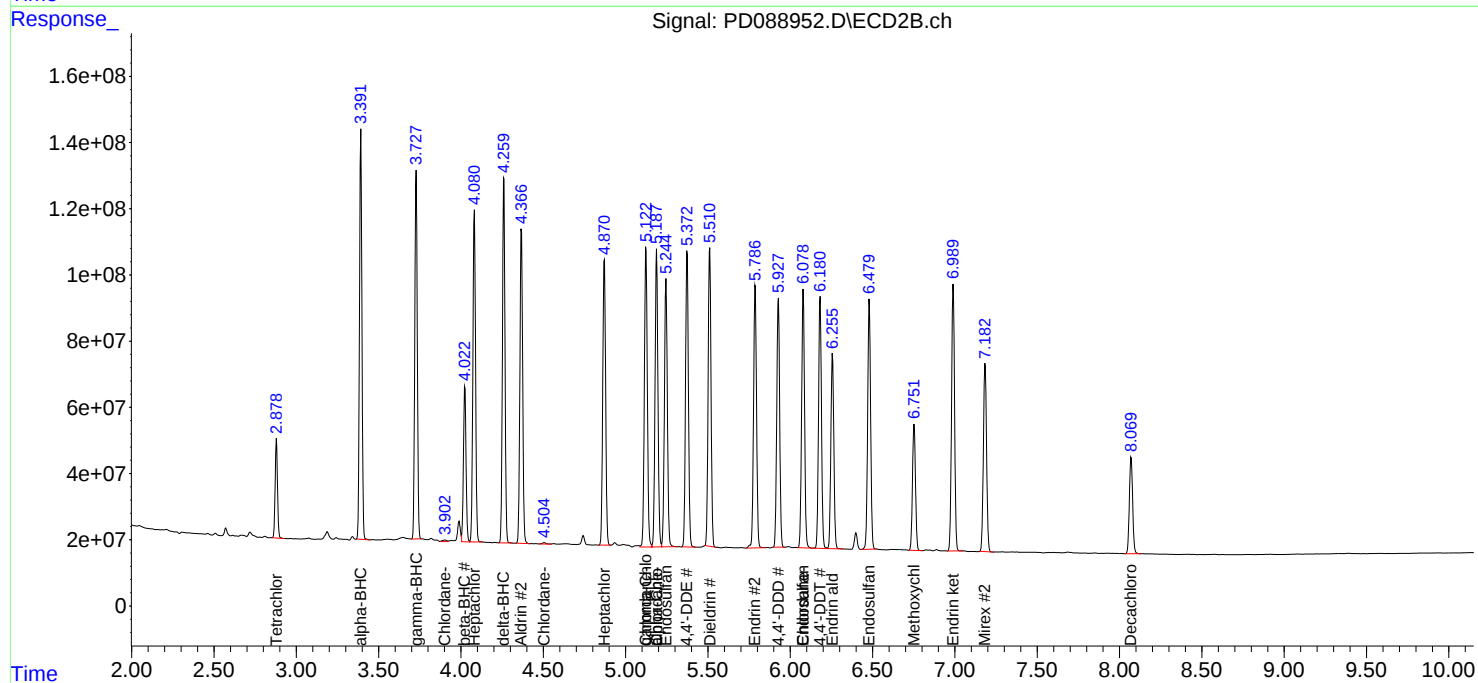
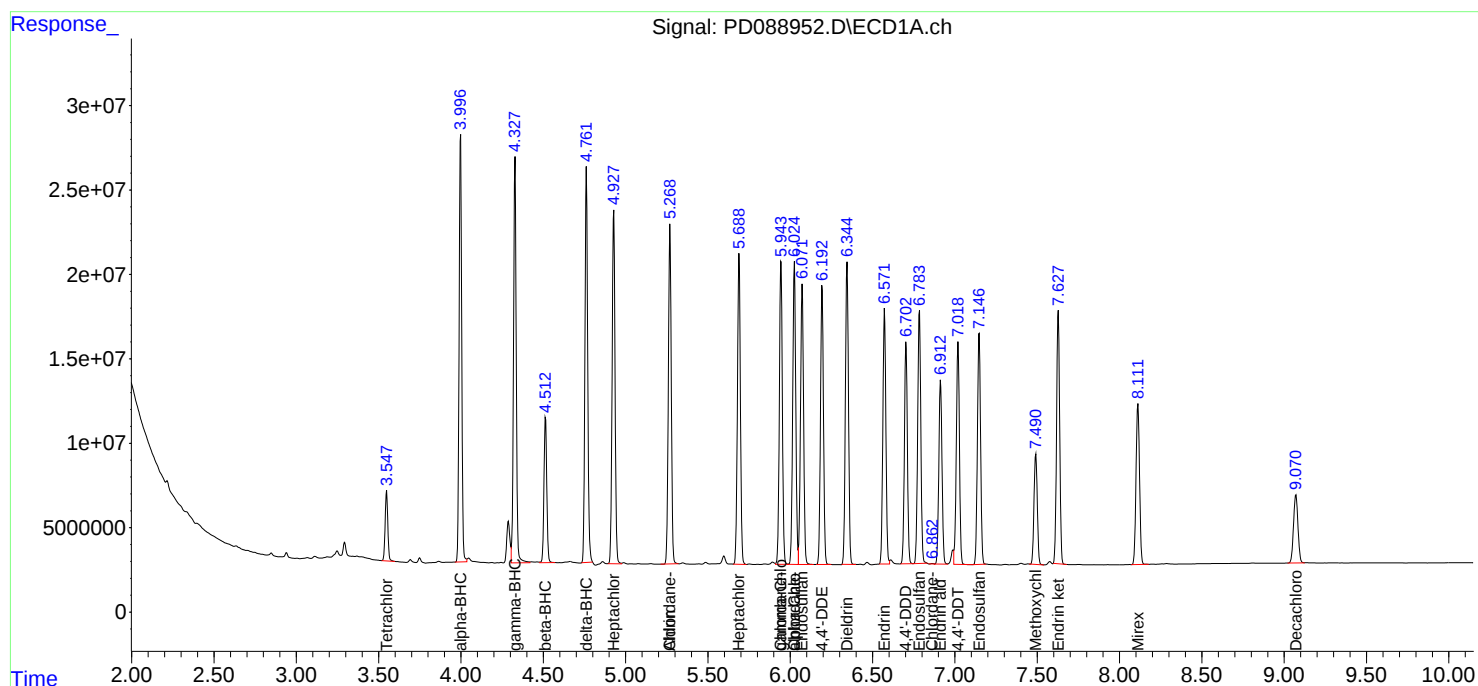
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

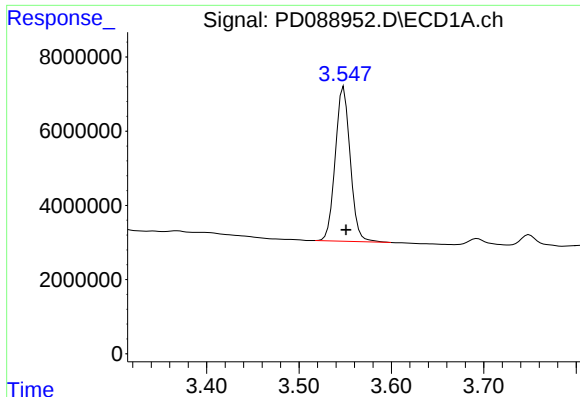
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061325\
Data File : PD088952.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 17:48
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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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

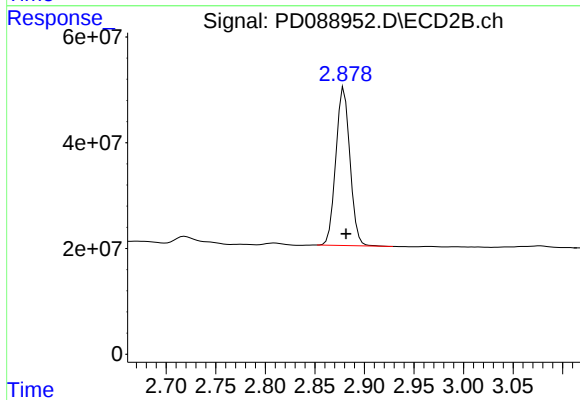




#1 Tetrachloro-m-xylene

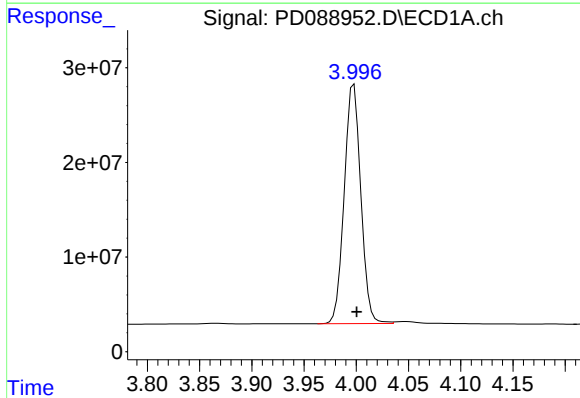
R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 46848544
Conc: 21.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



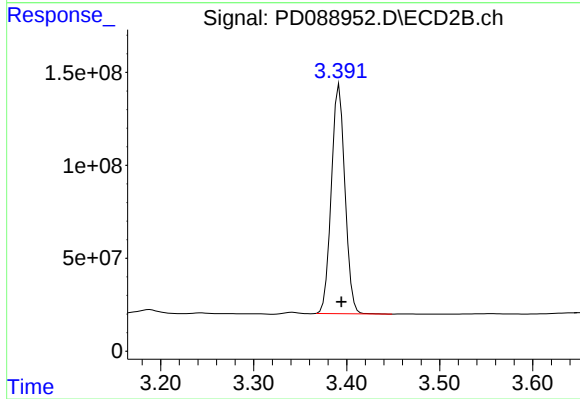
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 296135881
Conc: 19.58 ng/ml



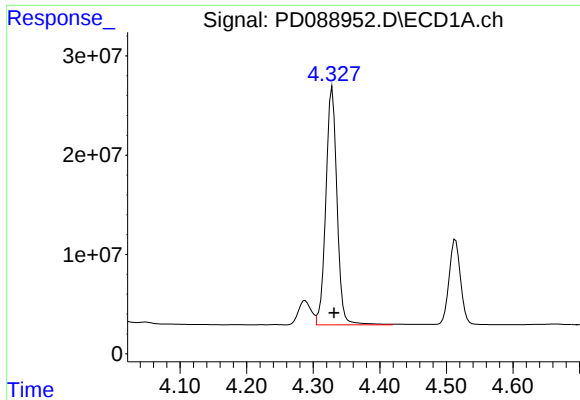
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.003 min
Response: 279320968
Conc: 58.48 ng/ml



#2 alpha-BHC

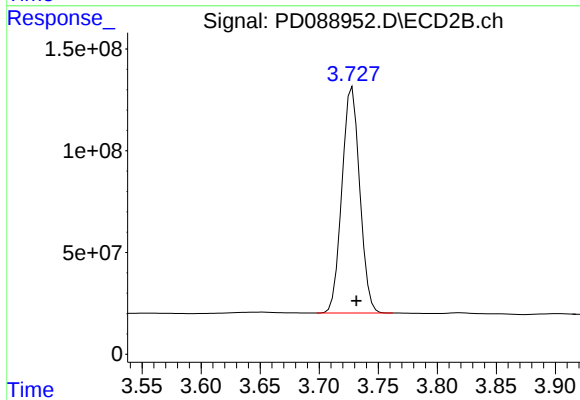
R.T.: 3.392 min
Delta R.T.: -0.002 min
Response: 1255095951
Conc: 52.51 ng/ml



#3 gamma-BHC (Lindane)

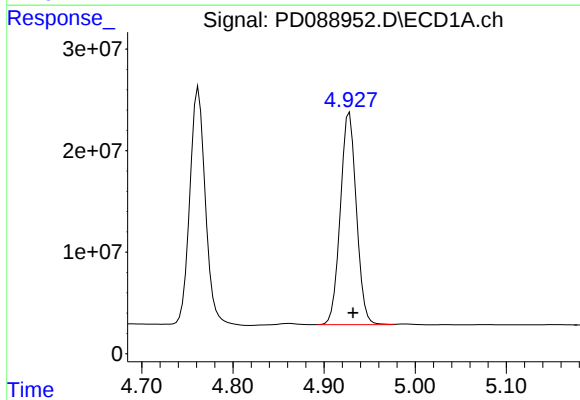
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 278352568
Conc: 60.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



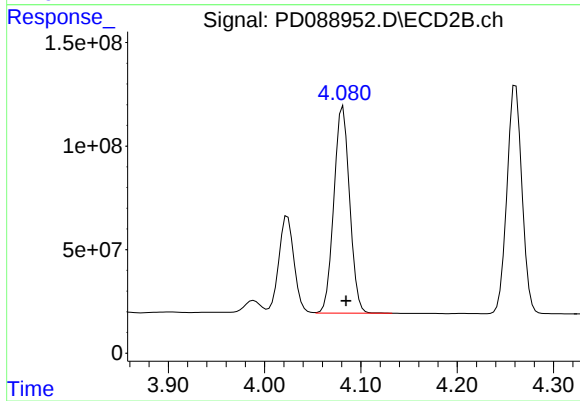
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.003 min
Response: 1166621894
Conc: 52.63 ng/ml



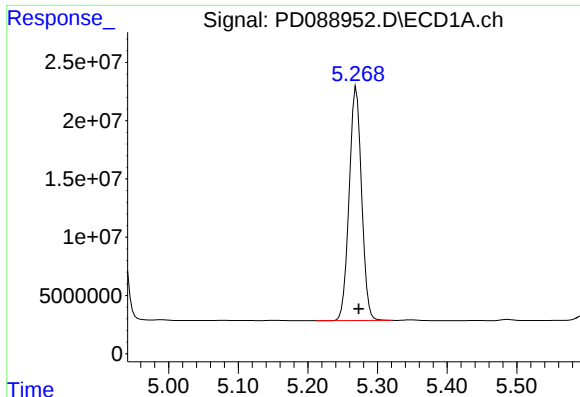
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.004 min
Response: 255833681
Conc: 57.22 ng/ml



#4 Heptachlor

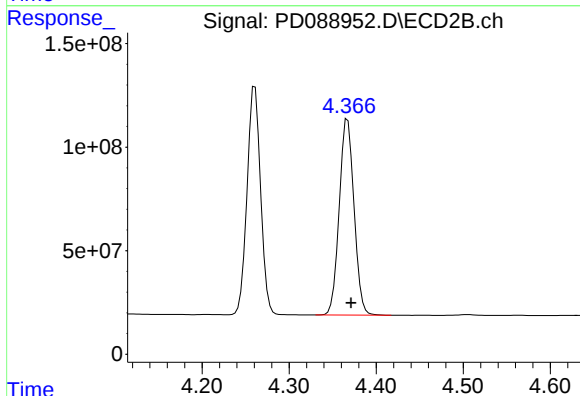
R.T.: 4.082 min
Delta R.T.: -0.003 min
Response: 1135514869
Conc: 50.57 ng/ml



#5 Aldrin

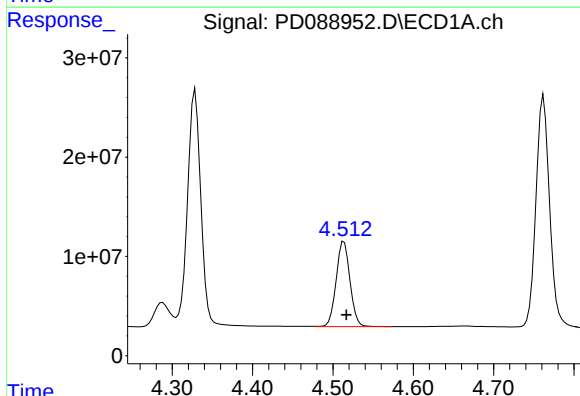
R.T.: 5.269 min
Delta R.T.: -0.004 min
Response: 248519574
Conc: 56.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



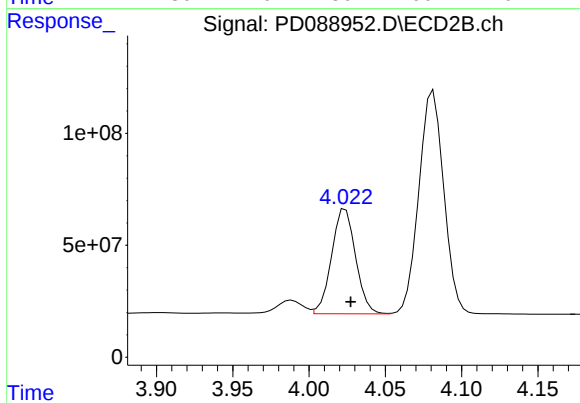
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 1118940885
Conc: 51.02 ng/ml



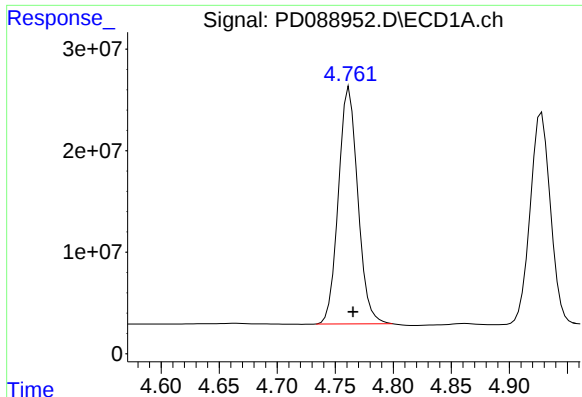
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 102766482
Conc: 56.99 ng/ml



#6 beta-BHC

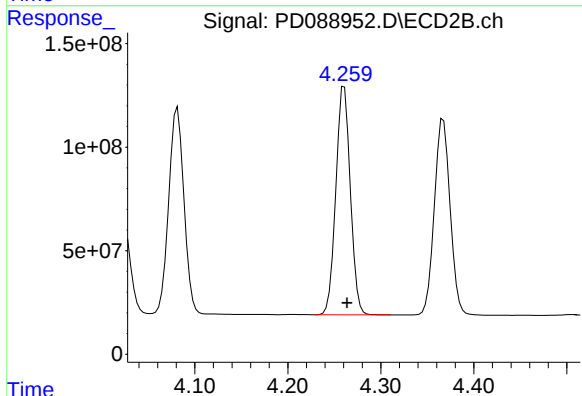
R.T.: 4.024 min
Delta R.T.: -0.004 min
Response: 514189494
Conc: 52.78 ng/ml



#7 delta-BHC

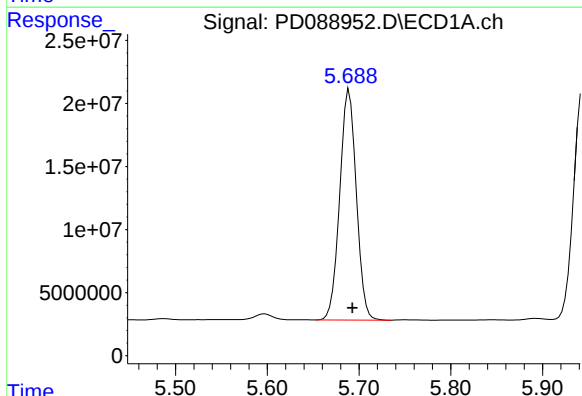
R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 271948962
Conc: 64.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



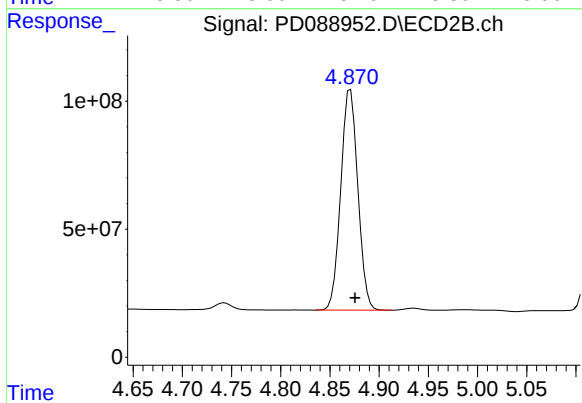
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 1194945506
Conc: 53.60 ng/ml



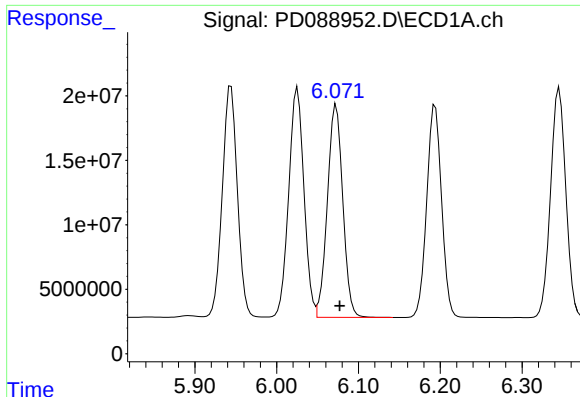
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 229562299
Conc: 57.83 ng/ml



#8 Heptachlor epoxide

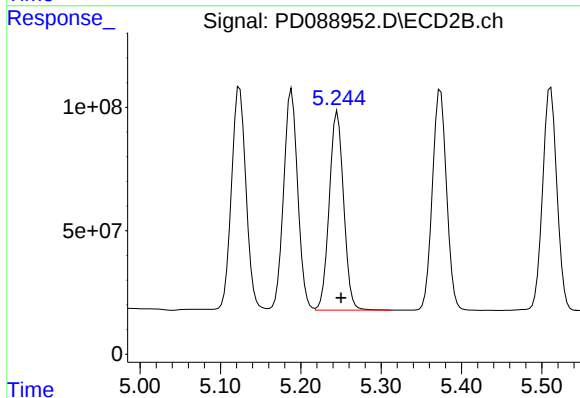
R.T.: 4.871 min
Delta R.T.: -0.005 min
Response: 1042347141
Conc: 52.45 ng/ml



#9 Endosulfan I

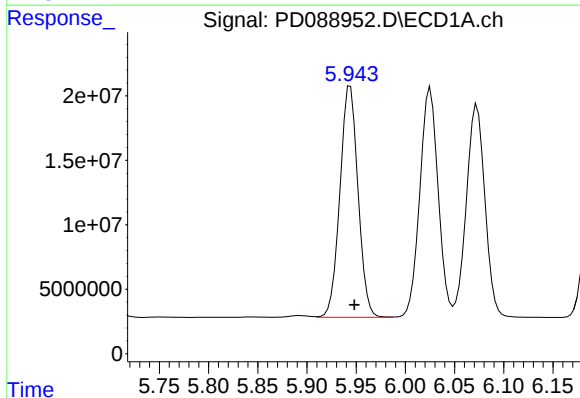
R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 216372143
Conc: 57.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



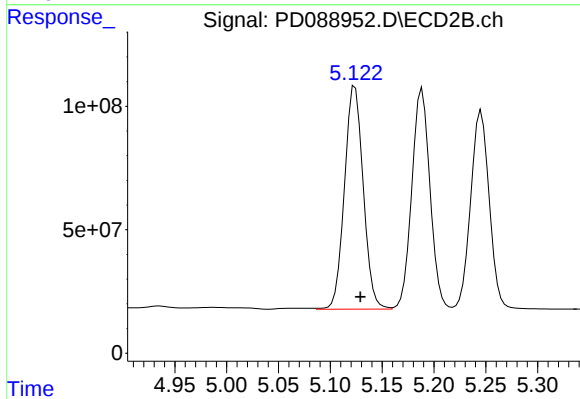
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 1003138265
Conc: 52.86 ng/ml



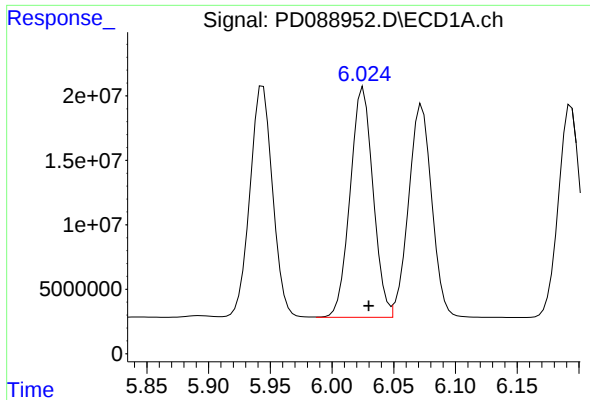
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 229429745
Conc: 57.52 ng/ml



#10 gamma-Chlordane

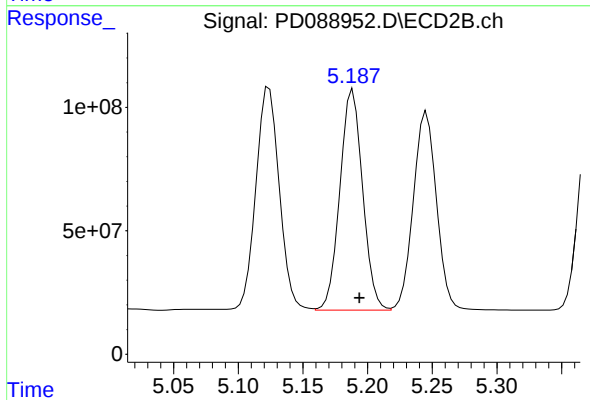
R.T.: 5.124 min
Delta R.T.: -0.005 min
Response: 1140039182
Conc: 53.44 ng/ml



#11 alpha-Chlordane

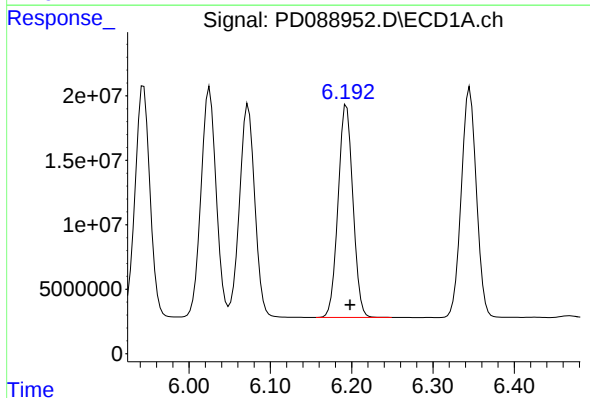
R.T.: 6.025 min
Delta R.T.: -0.004 min
Response: 230607686
Conc: 57.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



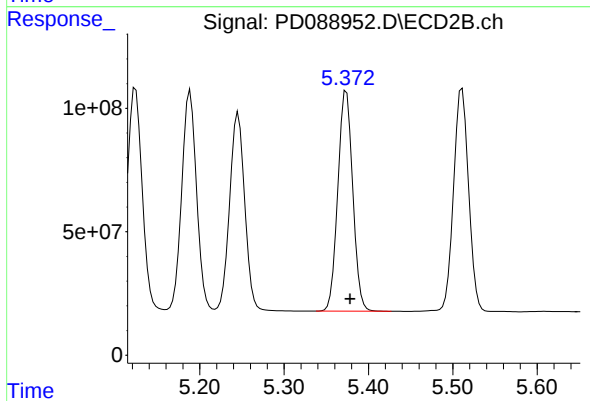
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.005 min
Response: 1091498001
Conc: 52.92 ng/ml



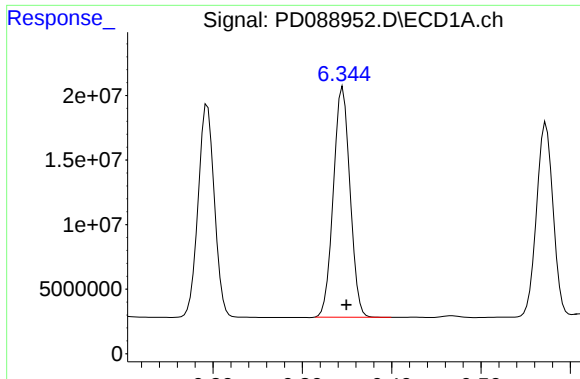
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.004 min
Response: 208502337
Conc: 58.09 ng/ml



#12 4,4'-DDE

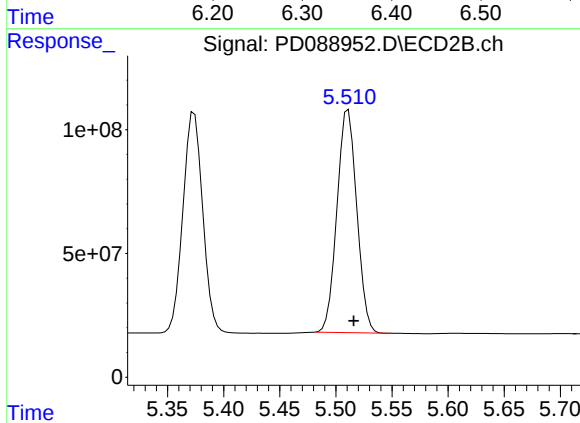
R.T.: 5.374 min
Delta R.T.: -0.004 min
Response: 1097600736
Conc: 52.51 ng/ml



#13 Dieldrin

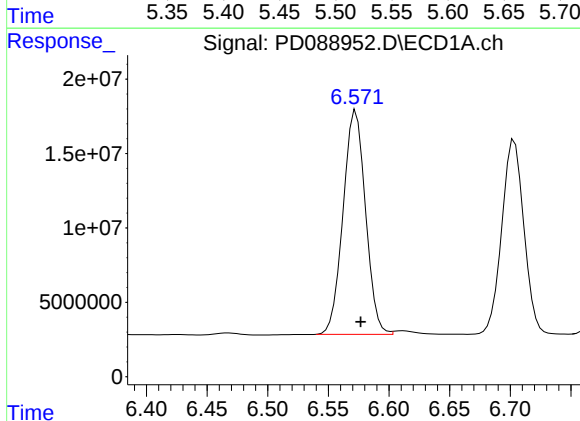
R.T.: 6.345 min
Delta R.T.: -0.004 min
Response: 230685542
Conc: 57.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



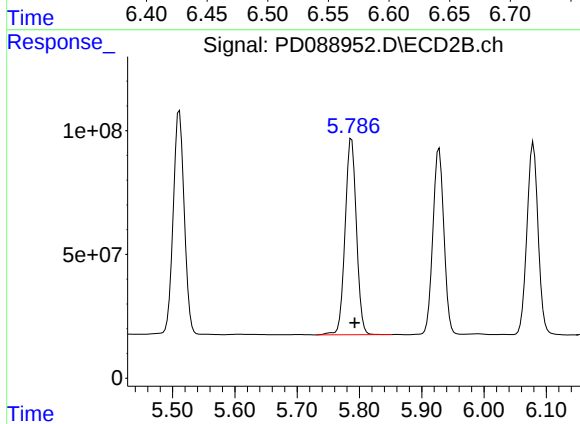
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.005 min
Response: 1106900982
Conc: 52.60 ng/ml



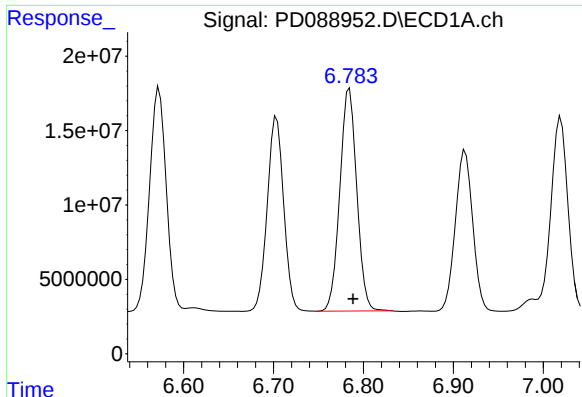
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 193901381
Conc: 56.78 ng/ml



#14 Endrin

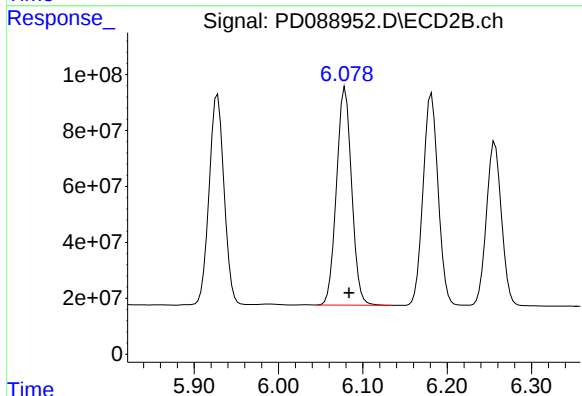
R.T.: 5.787 min
Delta R.T.: -0.005 min
Response: 1005187282
Conc: 52.13 ng/ml



#15 Endosulfan II

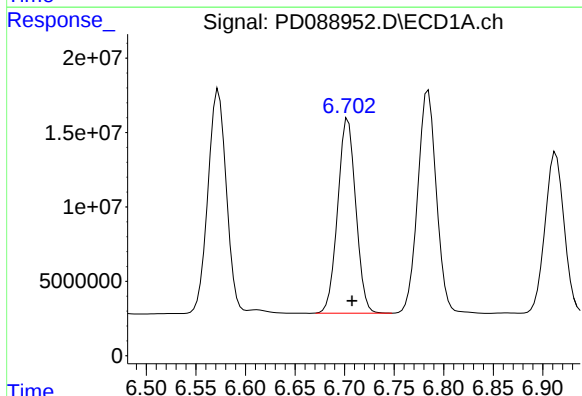
R.T.: 6.784 min
Delta R.T.: -0.004 min
Response: 195666329
Conc: 56.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



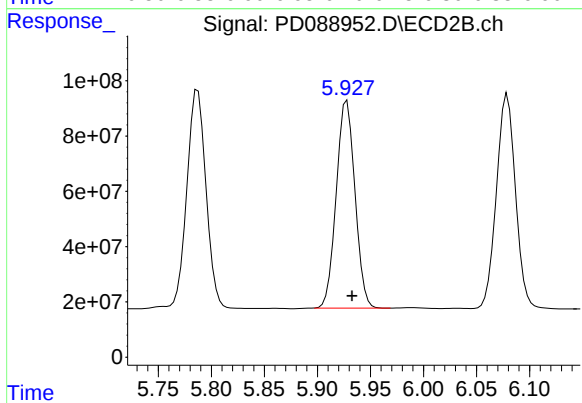
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.005 min
Response: 973275435
Conc: 53.12 ng/ml



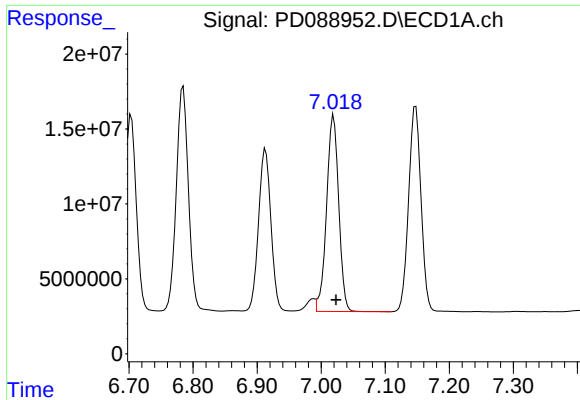
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: -0.004 min
Response: 165902168
Conc: 59.57 ng/ml



#16 4,4'-DDD

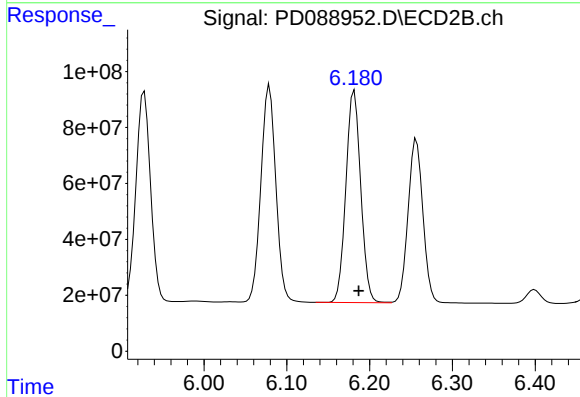
R.T.: 5.928 min
Delta R.T.: -0.005 min
Response: 921127738
Conc: 52.96 ng/ml



#17 4,4'-DDT

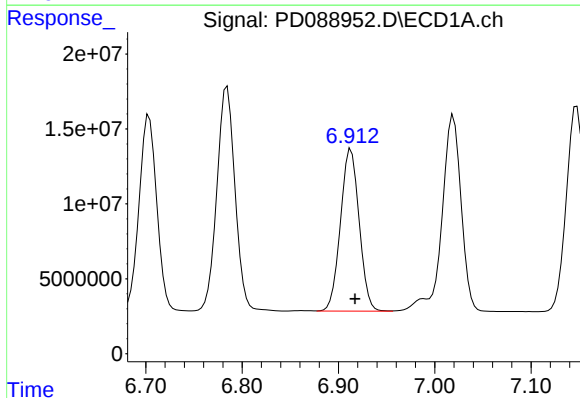
R.T.: 7.019 min
Delta R.T.: -0.004 min
Response: 172493324
Conc: 55.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



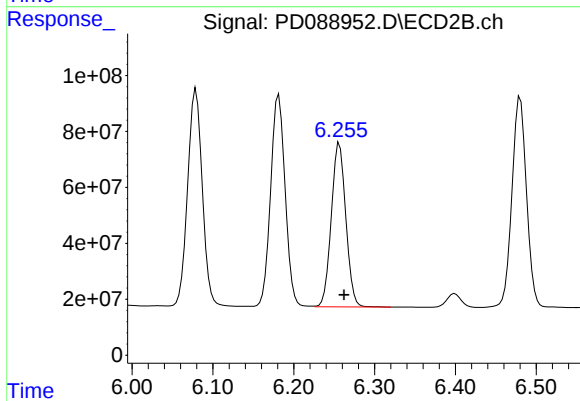
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.006 min
Response: 944753463
Conc: 52.09 ng/ml



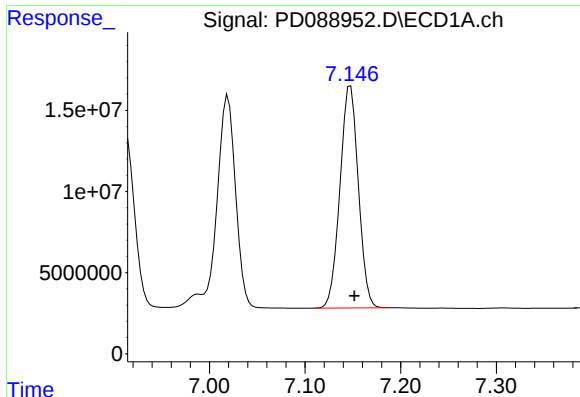
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: -0.004 min
Response: 145516523
Conc: 56.52 ng/ml



#18 Endrin aldehyde

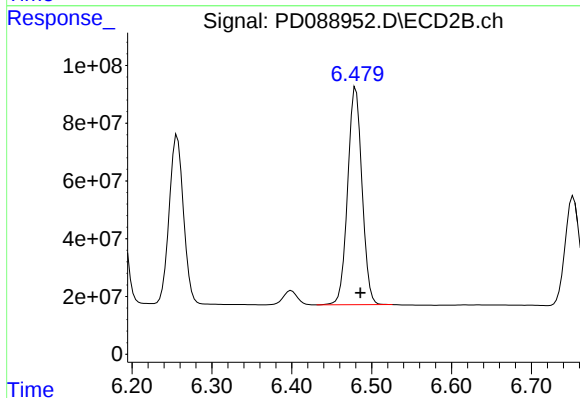
R.T.: 6.257 min
Delta R.T.: -0.005 min
Response: 729944220
Conc: 52.41 ng/ml



#19 Endosulfan Sulfate

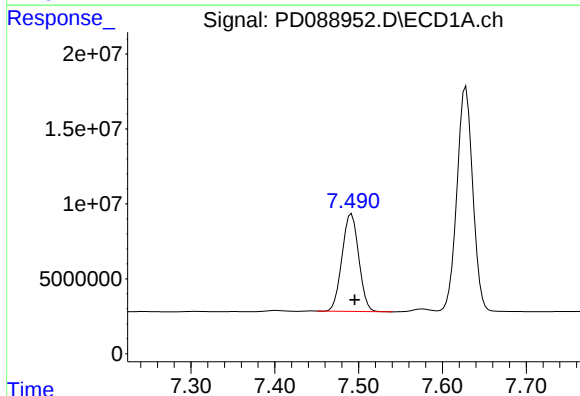
R.T.: 7.148 min
Delta R.T.: -0.004 min
Response: 183208583
Conc: 57.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



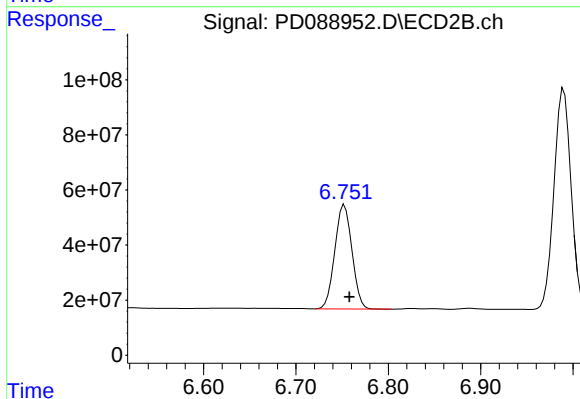
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: -0.006 min
Response: 941067272
Conc: 53.00 ng/ml



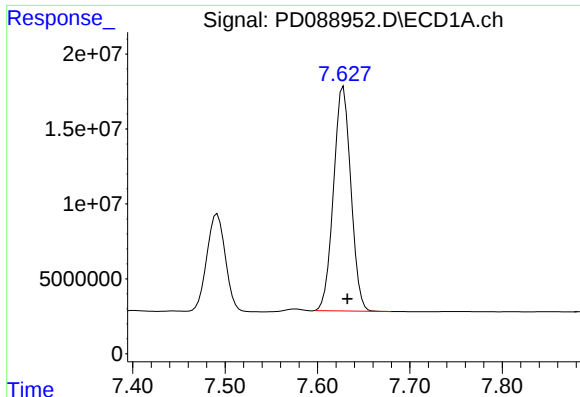
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.004 min
Response: 90238023
Conc: 54.02 ng/ml



#20 Methoxychlor

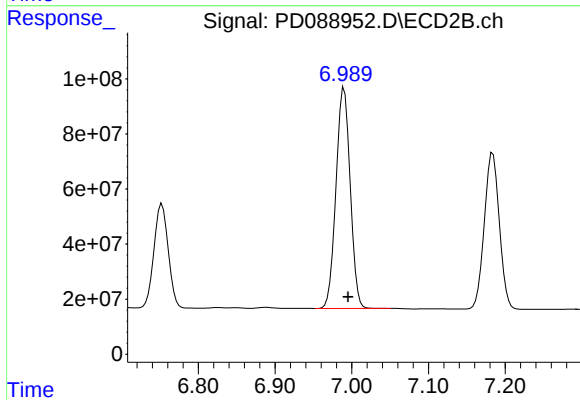
R.T.: 6.753 min
Delta R.T.: -0.005 min
Response: 488638982
Conc: 51.03 ng/ml



#21 Endrin ketone

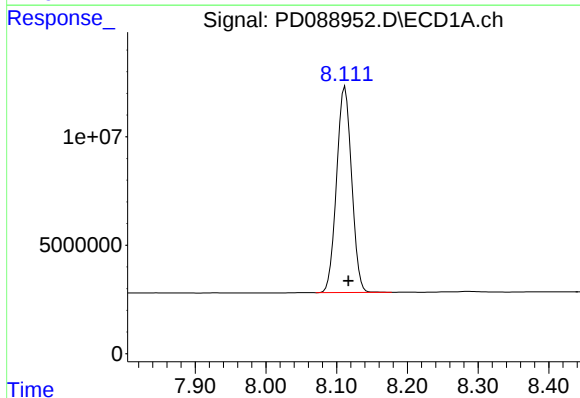
R.T.: 7.628 min
Delta R.T.: -0.004 min
Response: 195163996
Conc: 57.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



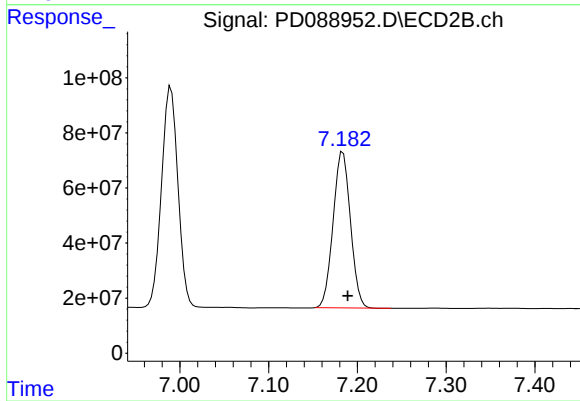
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 1031737385
Conc: 53.33 ng/ml



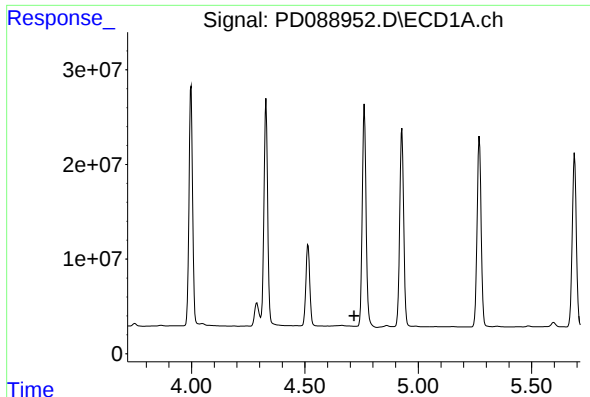
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.005 min
Response: 140278050
Conc: 53.99 ng/ml



#22 Mirex

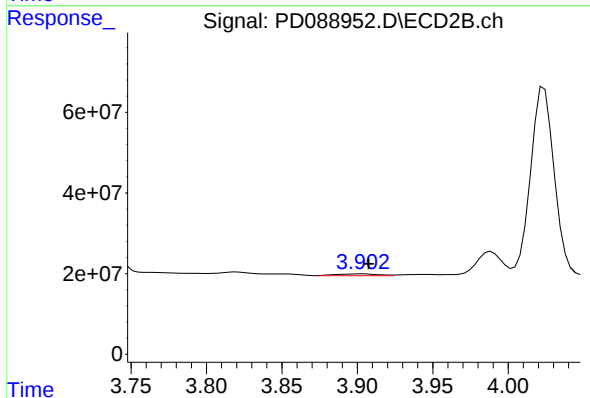
R.T.: 7.184 min
Delta R.T.: -0.005 min
Response: 769624407
Conc: 50.63 ng/ml



#23 Chlordane-1

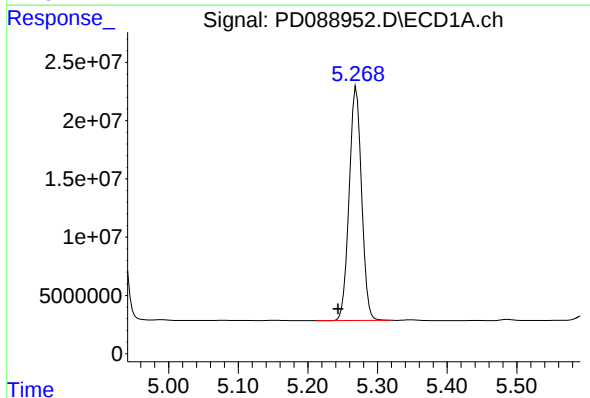
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



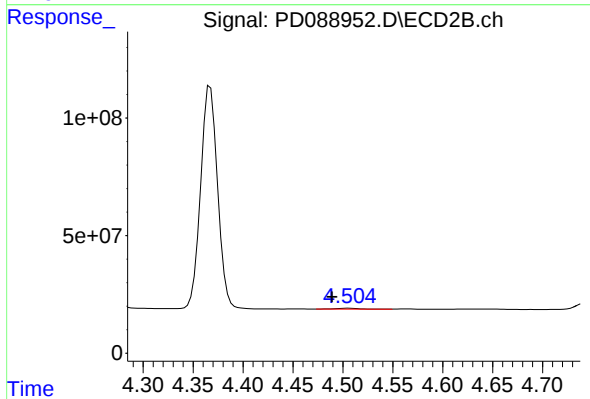
#23 Chlordane-1

R.T.: 3.903 min
Delta R.T.: -0.004 min
Response: 8653605
Conc: 10.47 ng/ml



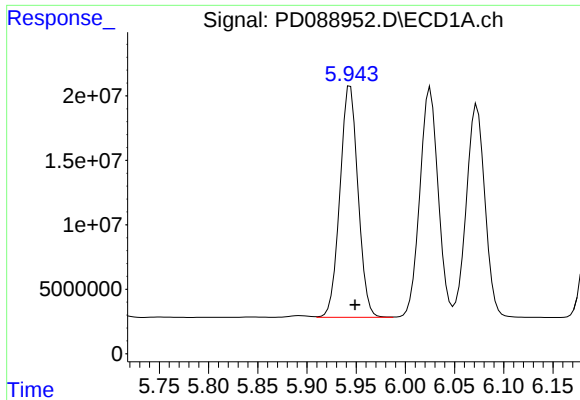
#24 Chlordane-2

R.T.: 5.269 min
Delta R.T.: 0.026 min
Response: 248519574
Conc: 1354.29 ng/ml



#24 Chlordane-2

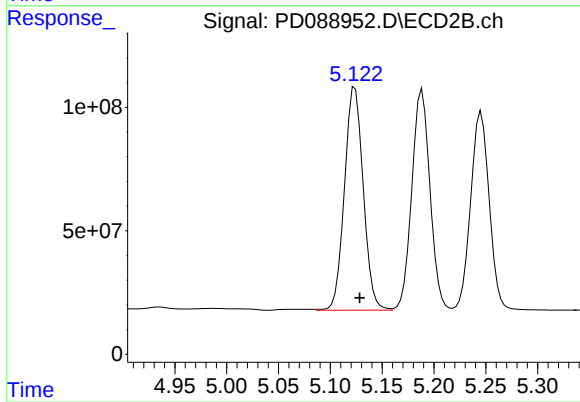
R.T.: 4.506 min
Delta R.T.: 0.016 min
Response: 6587877
Conc: 7.81 ng/ml



#25 Chlordane-3

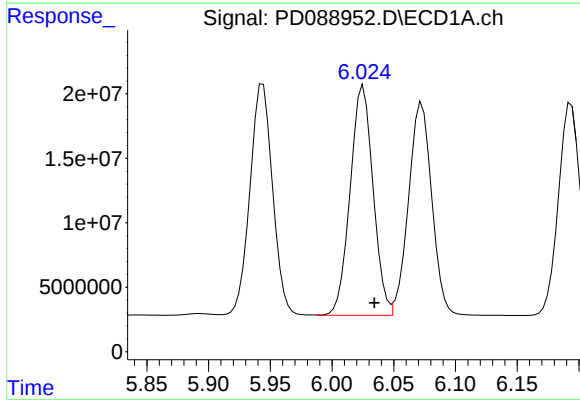
R.T.: 5.944 min
Delta R.T.: -0.005 min
Response: 229429745
Conc: 310.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



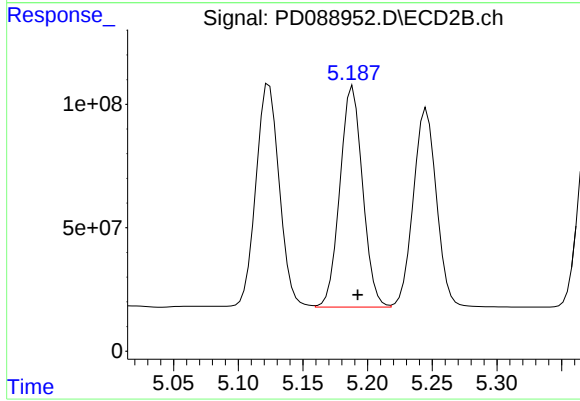
#25 Chlordane-3

R.T.: 5.124 min
Delta R.T.: -0.004 min
Response: 1140039182
Conc: 432.35 ng/ml



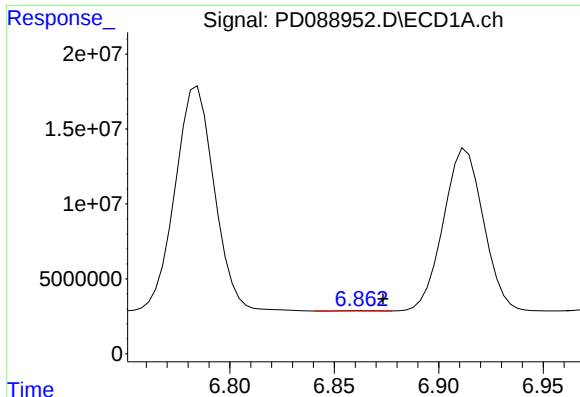
#26 Chlordane-4

R.T.: 6.025 min
Delta R.T.: -0.009 min
Response: 230607686
Conc: 257.32 ng/ml



#26 Chlordane-4

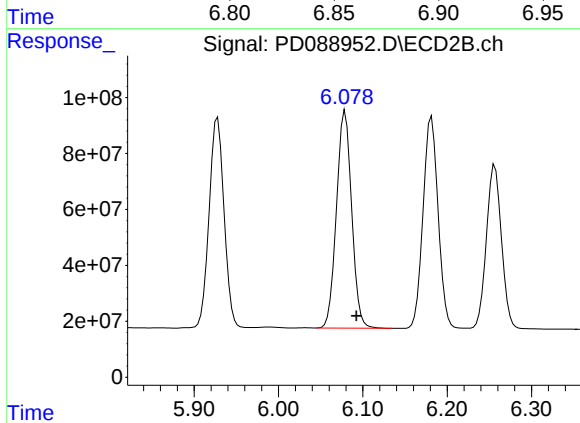
R.T.: 5.189 min
Delta R.T.: -0.004 min
Response: 1091498001
Conc: 493.33 ng/ml



#27 Chlordane-5

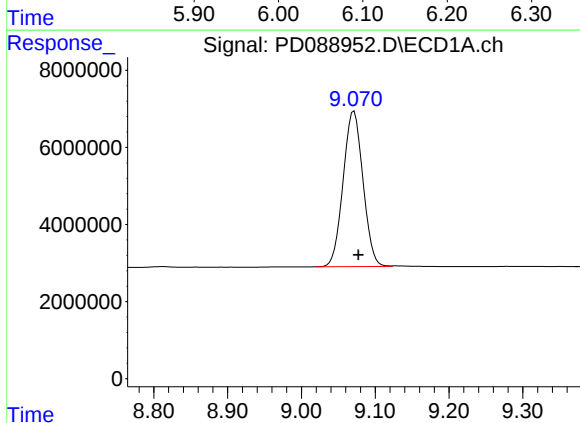
R.T.: 6.863 min
Delta R.T.: -0.010 min
Response: 213741
Conc: 1.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



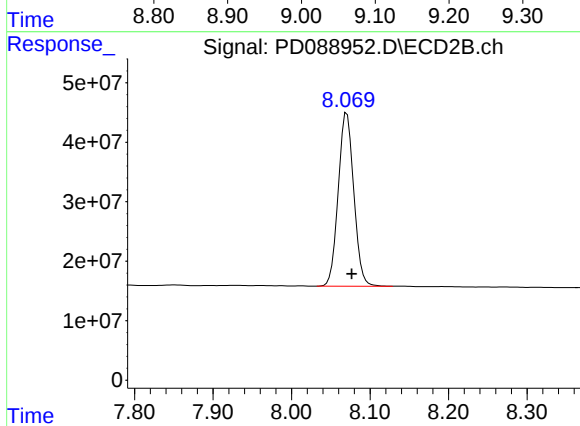
#27 Chlordane-5

R.T.: 6.079 min
Delta R.T.: -0.013 min
Response: 973275435
Conc: 972.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.006 min
Response: 75373644
Conc: 22.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.006 min
Response: 402264496
Conc: 22.03 ng/ml