

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111025\
 Data File : PD091040.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2025 13:00
 Operator : AR\AJ
 Sample : Q3504-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11986MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 13:47:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	91467431	563.5E6	29.371	18.925 #
28)	SA Decachlor...	9.067	8.061	63378659	428.2E6	13.548	14.135
Target Compounds							
2)	A alpha-BHC	3.994	3.386	360.5E6	2453.3E6	50.222	48.013
3)	MA gamma-BHC...	4.324	3.722	310.7E6	2284.6E6	45.701	48.353
4)	MA Heptachlor	4.922	4.074	337.8E6	2250.0E6	60.427	50.445
5)	MB Aldrin	5.264	4.359	322.8E6	2200.6E6	49.305	47.509
6)	B beta-BHC	4.512	4.018	122.9E6	974.8E6	46.921	49.159
7)	B delta-BHC	4.760	4.254	331.1E6	2274.0E6	48.966	47.657
8)	B Heptachlo...	5.685	4.863	291.8E6	2085.9E6	50.405	48.919
9)	A Endosulfan I	6.068	5.238	275.1E6	1813.3E6	49.694	46.034
10)	B gamma-Chl...	5.940	5.116	295.6E6	2394.8E6	49.831	53.279
11)	B alpha-Chl...	6.020	5.181	332.5E6	2241.6E6	53.807	51.965
12)	B 4,4'-DDE	6.190	5.365	573.4E6	4431.2E6	107.644	101.080
13)	MA Dieldrin	6.340	5.503	298.9E6	2225.4E6	51.264	50.368
14)	MA Endrin	6.568	5.780	249.6E6	2246.7E6	50.393	55.482
15)	B Endosulfa...	6.781	6.071	247.9E6	1793.2E6	49.576	47.749
16)	A 4,4'-DDD	6.700	5.920	216.5E6	1673.0E6	53.404	45.915
17)	MA 4,4'-DDT	7.016	6.173	578.9E6	4376.0E6	140.838	124.769
18)	B Endrin al...	6.910	6.249	180.4E6	1442.4E6	49.245	52.087
19)	B Endosulfa...	7.145	6.473	222.0E6	1736.7E6	47.871	48.450
20)	A Methoxychlor	7.489	6.744	119.6E6	846.4E6	56.279	48.565
21)	B Endrin ke...	7.626	6.982	252.5E6	1758.0E6	51.958	46.610
22)	Mirex	8.107	7.175	139.4E6	1143.7E6	43.565	44.516
23)	Chlordane-1	0.000	3.898	0	52308857	N.D.	41.972 #
24)	Chlordane-2	5.264f	4.485	322.8E6	76842765	1671.477	58.905 #
25)	Chlordane-3	5.940	5.116	295.6E6	2394.8E6	387.480	615.385 #
26)	Chlordane-4	6.020	5.181	332.5E6	2241.6E6	343.220	670.904 #
27)	Chlordane-5	6.865	6.071	4976362	1793.2E6	33.119	1214.897 #

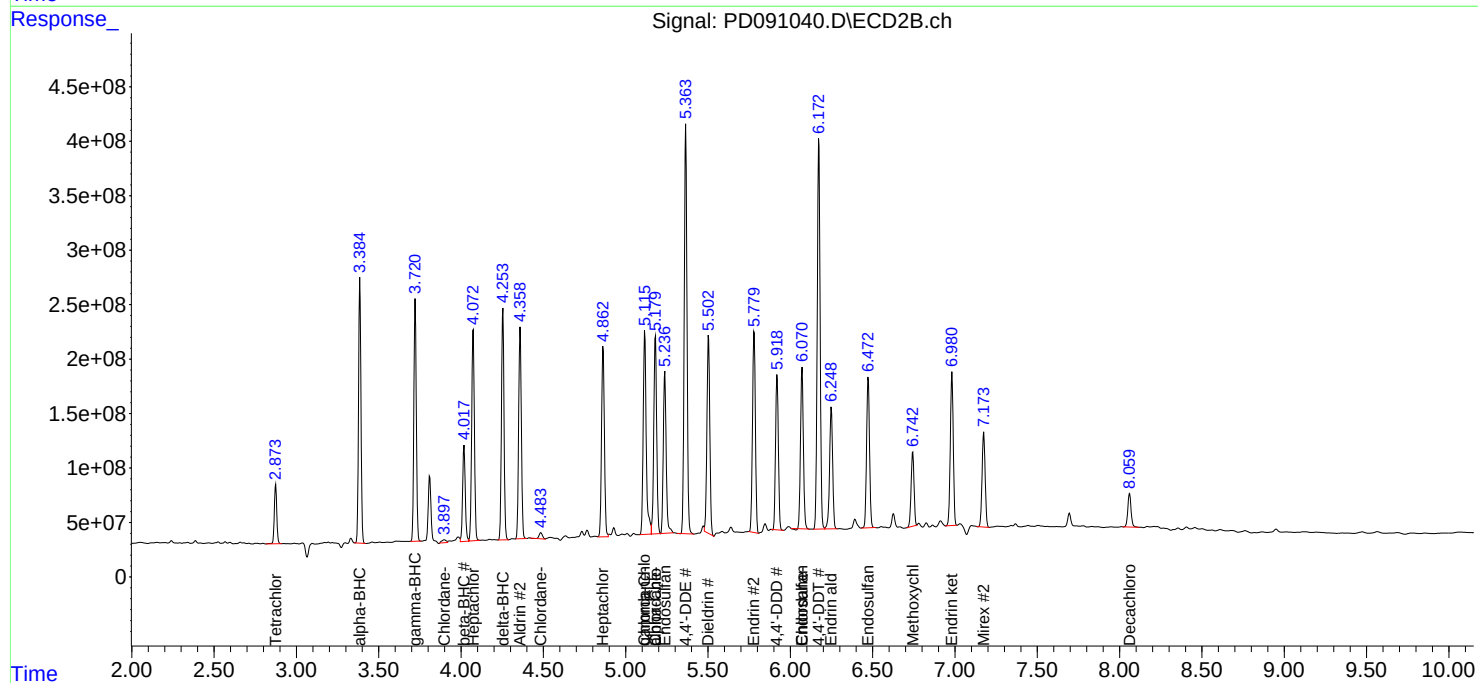
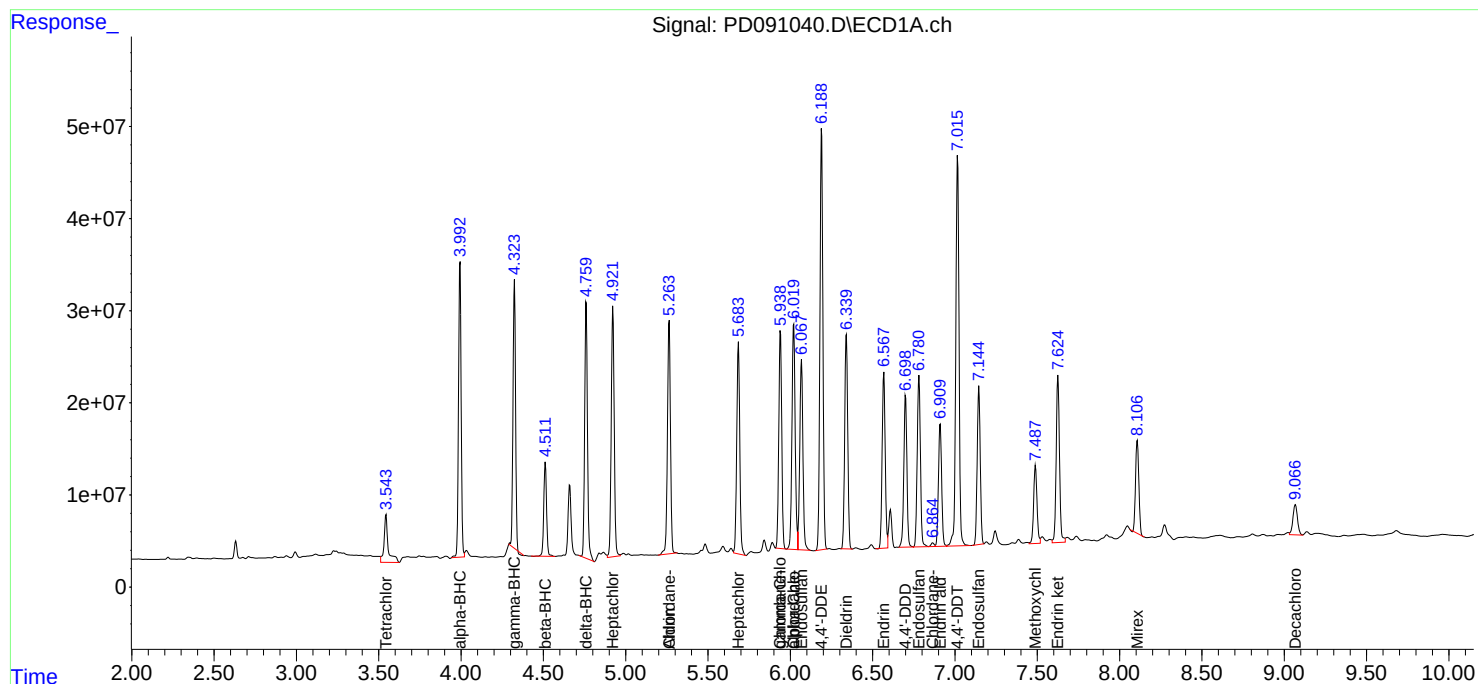
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

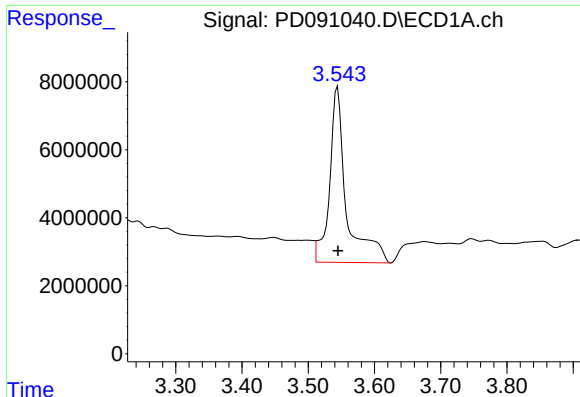
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111025\
Data File : PD091040.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Nov 2025 13:00
Operator : AR\AJ
Sample : Q3504-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
72-11986MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 10 13:47:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
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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

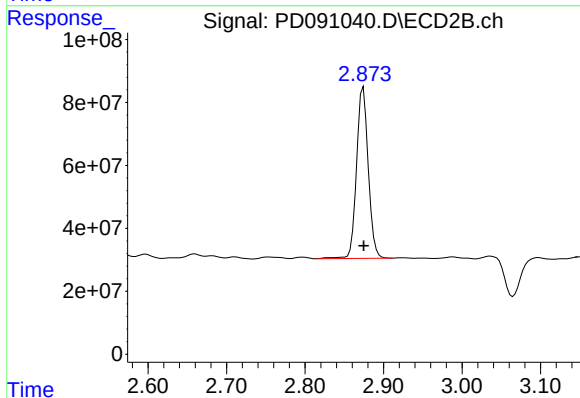




#1 Tetrachloro-m-xylene

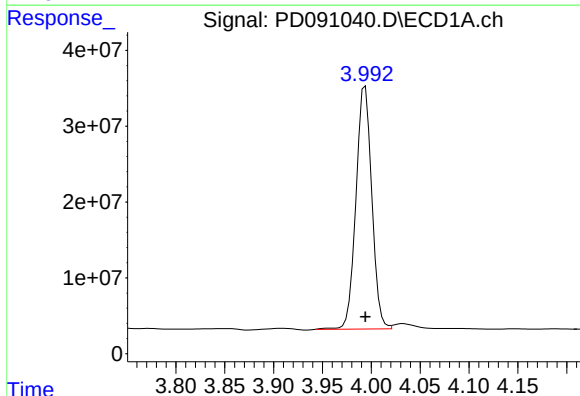
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 91467431
Conc: 29.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11986MSD



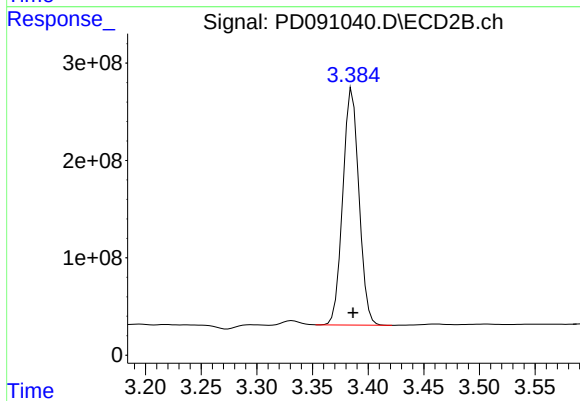
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 563541352
Conc: 18.93 ng/ml



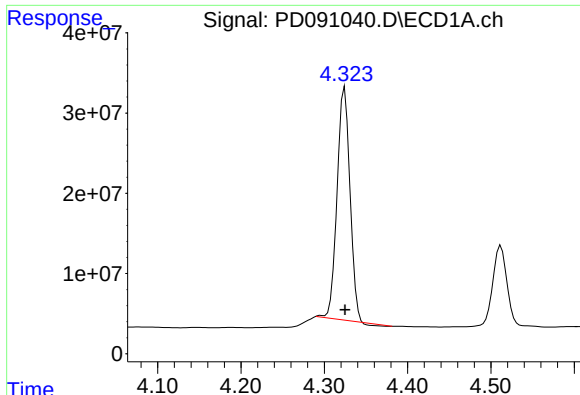
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 360451618
Conc: 50.22 ng/ml



#2 alpha-BHC

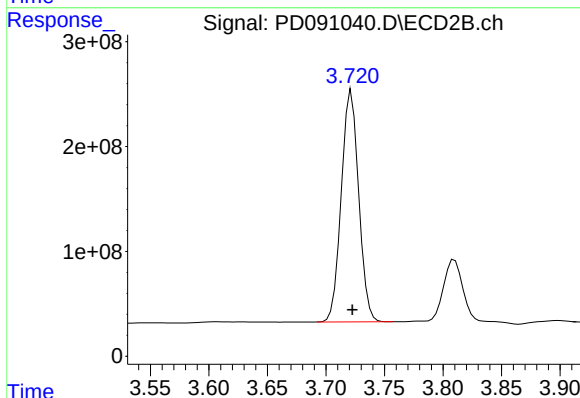
R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2453275761
Conc: 48.01 ng/ml



#3 gamma-BHC (Lindane)

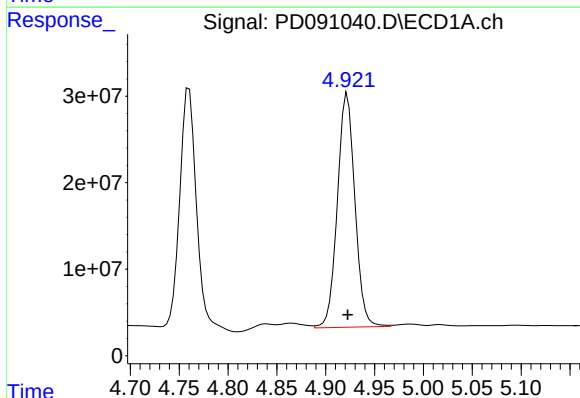
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 310715865
Conc: 45.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11986MSD



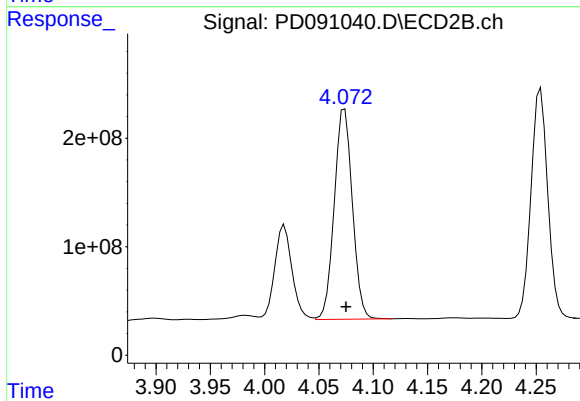
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 2284640578
Conc: 48.35 ng/ml



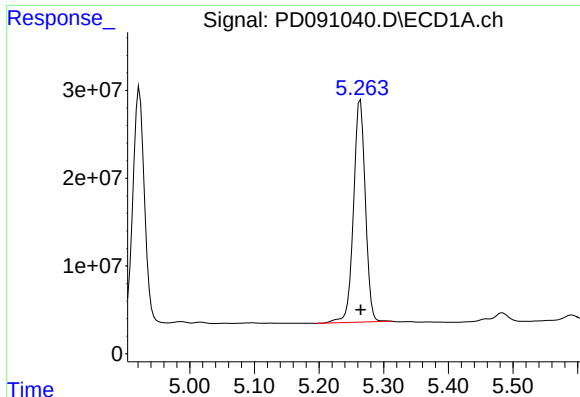
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 337759830
Conc: 60.43 ng/ml



#4 Heptachlor

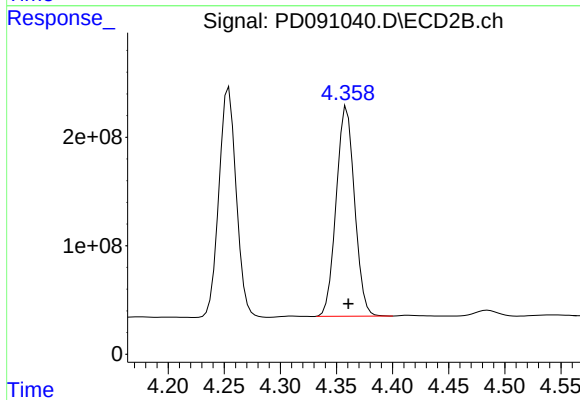
R.T.: 4.074 min
Delta R.T.: -0.001 min
Response: 2249998568
Conc: 50.45 ng/ml



#5 Aldrin

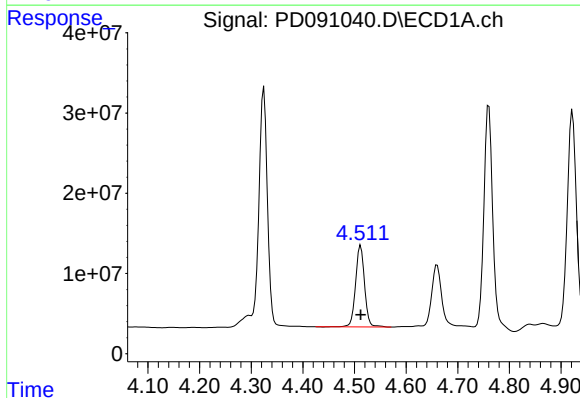
R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 322811966
Conc: 49.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11986MSD



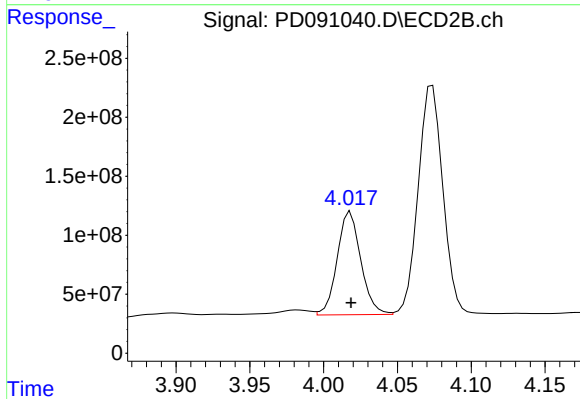
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.001 min
Response: 2200563253
Conc: 47.51 ng/ml



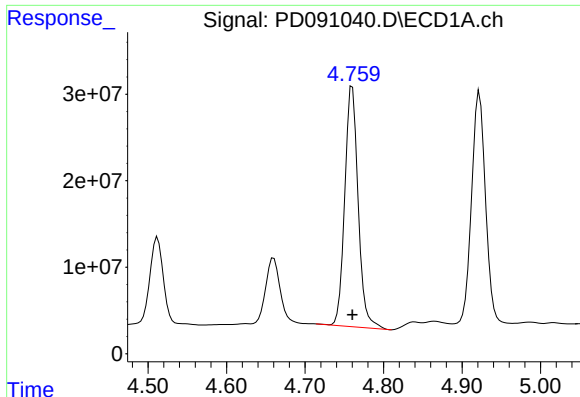
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 122916756
Conc: 46.92 ng/ml



#6 beta-BHC

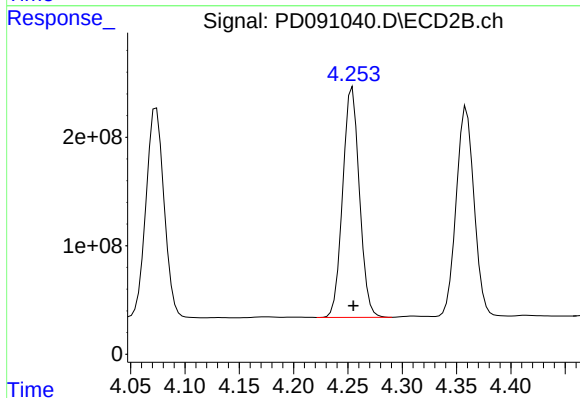
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 974809315
Conc: 49.16 ng/ml



#7 delta-BHC

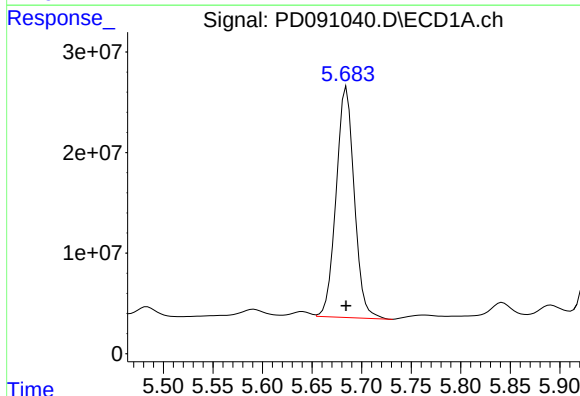
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 331094661
Conc: 48.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11986MSD



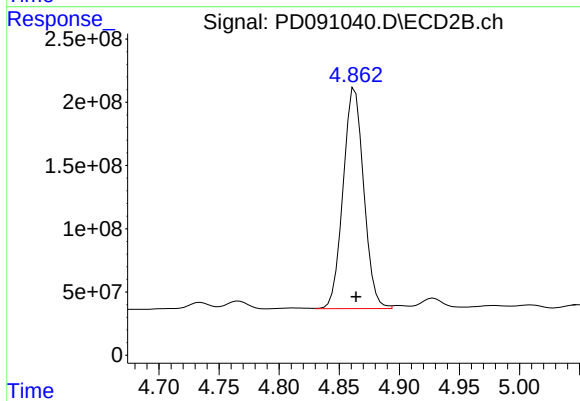
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2274012066
Conc: 47.66 ng/ml



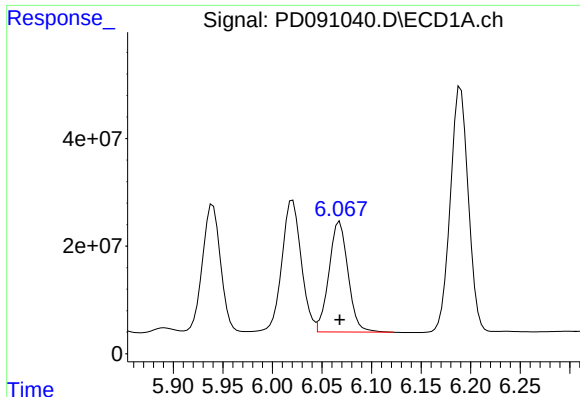
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 291798263
Conc: 50.41 ng/ml



#8 Heptachlor epoxide

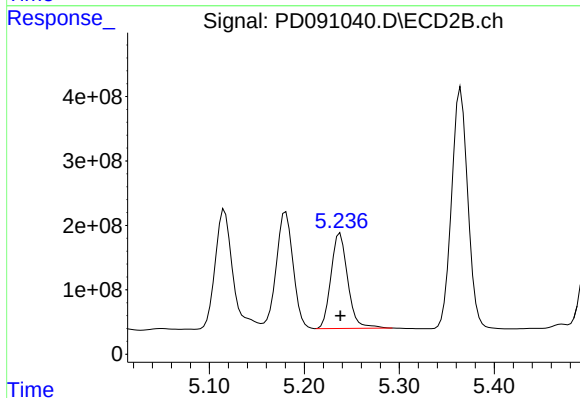
R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 2085865834
Conc: 48.92 ng/ml



#9 Endosulfan I

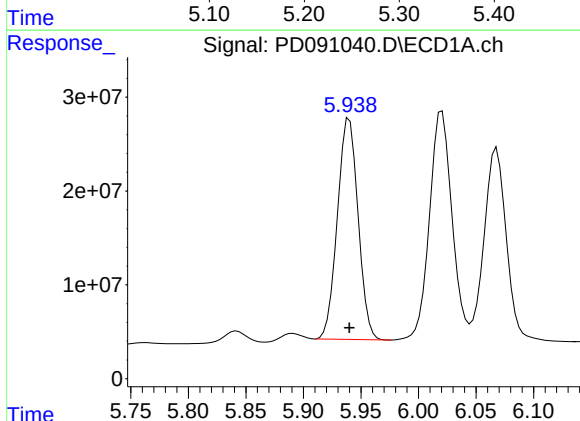
R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 275136952
Conc: 49.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11986MSD



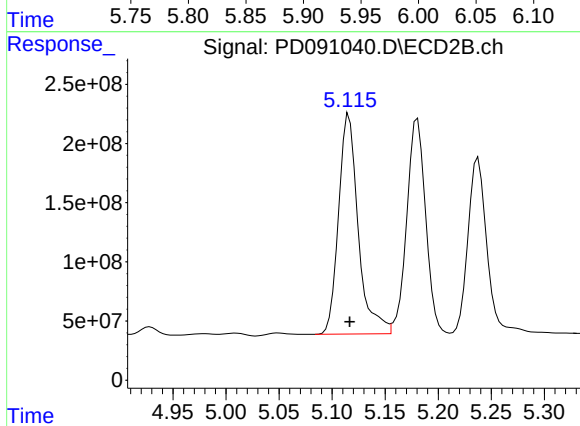
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 1813296020
Conc: 46.03 ng/ml



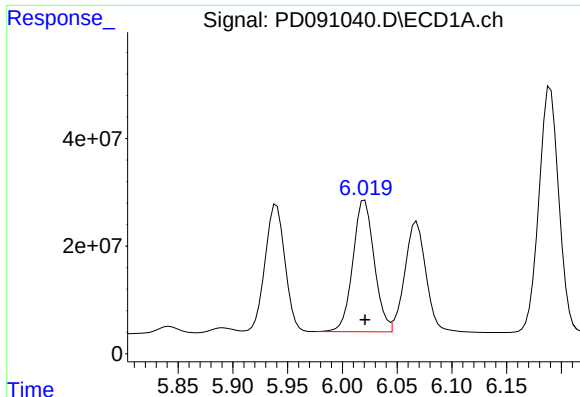
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 295554854
Conc: 49.83 ng/ml



#10 gamma-Chlordane

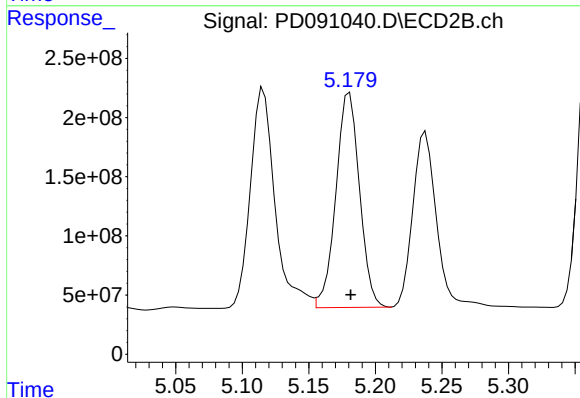
R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 2394813508
Conc: 53.28 ng/ml



#11 alpha-Chlordane

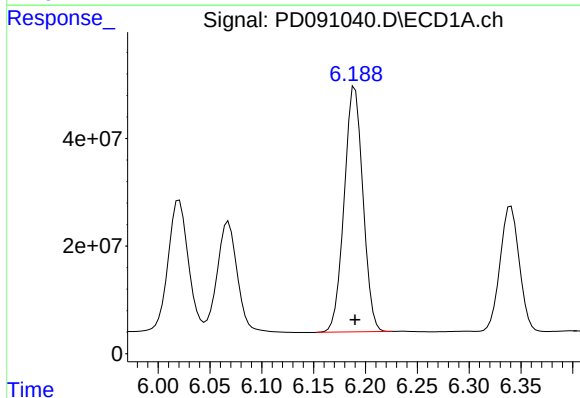
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 332541298
Conc: 53.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11986MSD



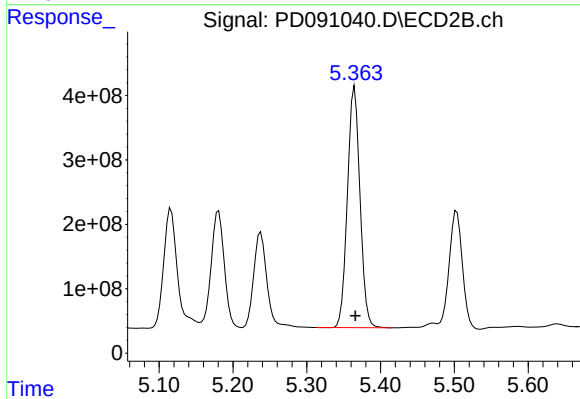
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 2241649206
Conc: 51.96 ng/ml



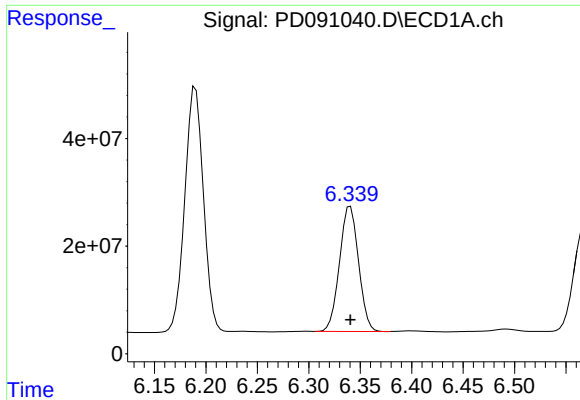
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 573378963
Conc: 107.64 ng/ml



#12 4,4'-DDE

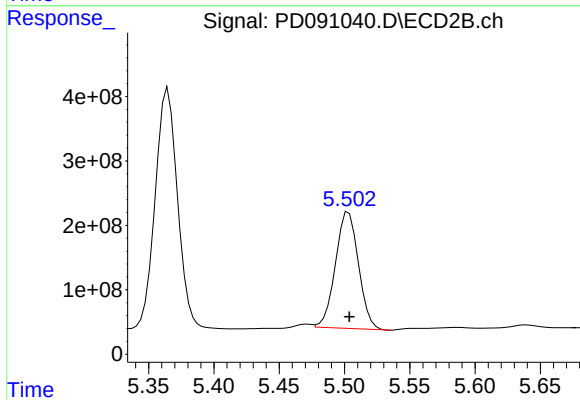
R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 4431187714
Conc: 101.08 ng/ml



#13 Dieldrin

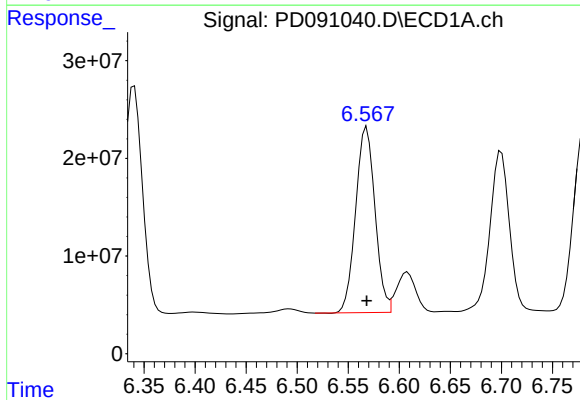
R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 298936443
Conc: 51.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11986MSD



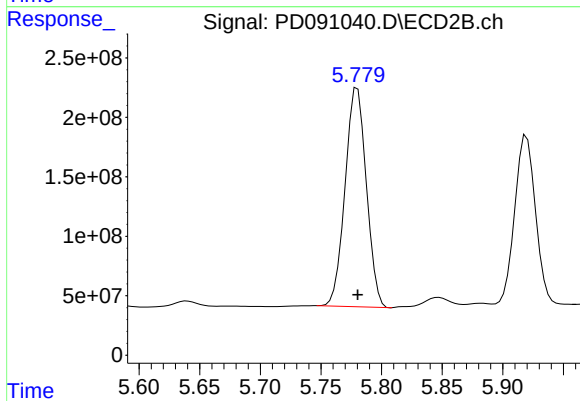
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 2225442410
Conc: 50.37 ng/ml



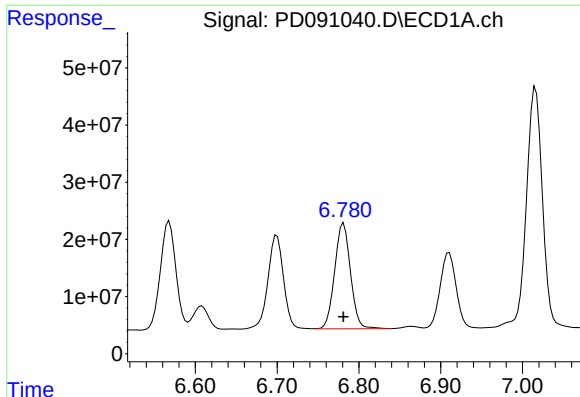
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 249631389
Conc: 50.39 ng/ml



#14 Endrin

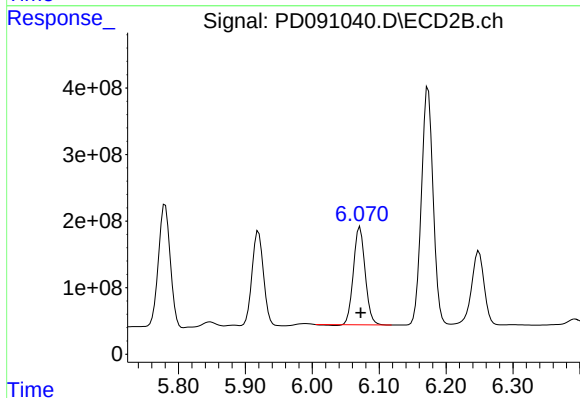
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 2246684758
Conc: 55.48 ng/ml



#15 Endosulfan II

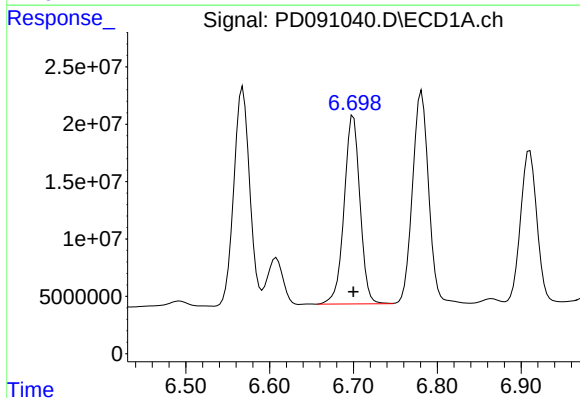
R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 247876516
Conc: 49.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11986MSD



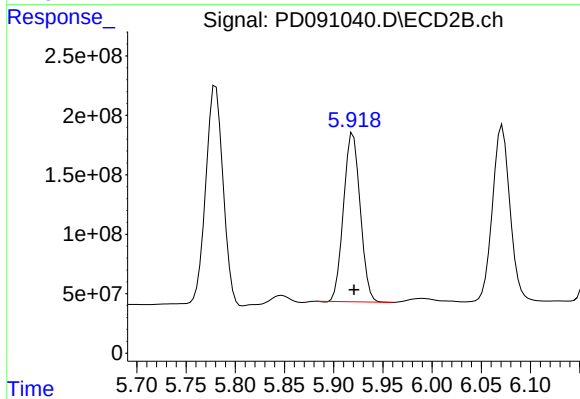
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 1793228946
Conc: 47.75 ng/ml



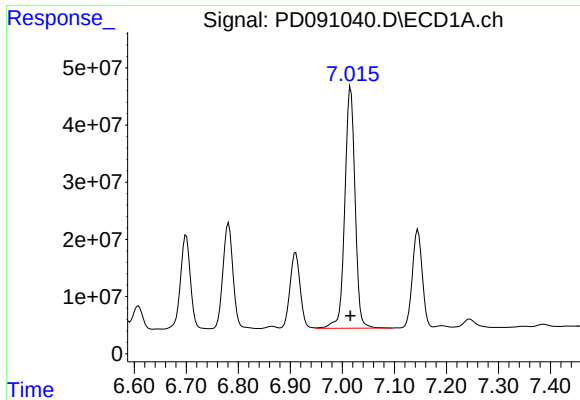
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 216510870
Conc: 53.40 ng/ml



#16 4,4'-DDD

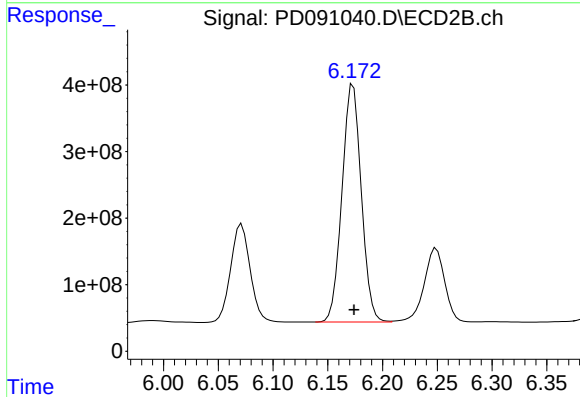
R.T.: 5.920 min
Delta R.T.: -0.001 min
Response: 1673039049
Conc: 45.91 ng/ml



#17 4,4'-DDT

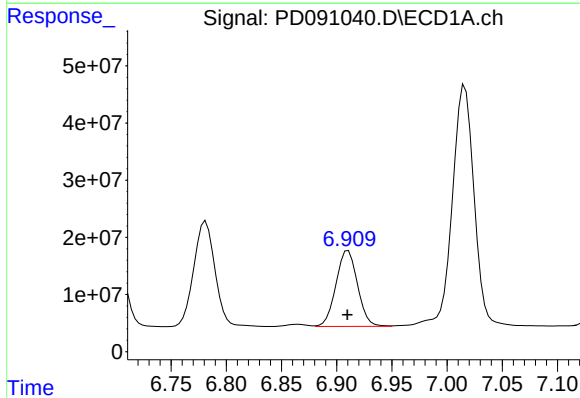
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 578911541
Conc: 140.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11986MSD



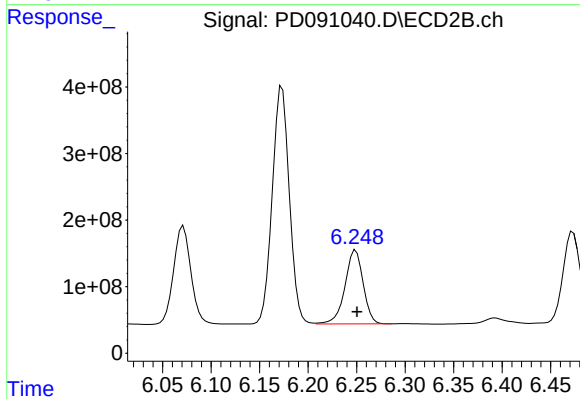
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 4376031193
Conc: 124.77 ng/ml



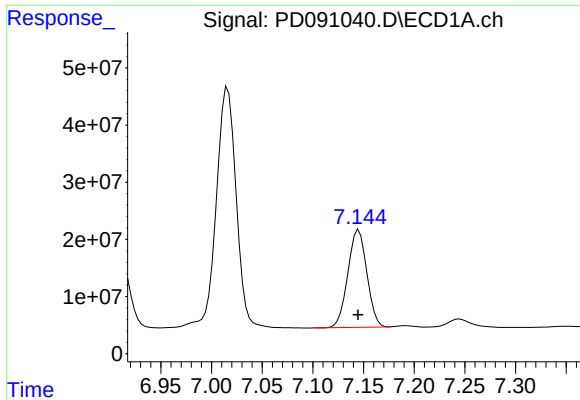
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 180368999
Conc: 49.24 ng/ml



#18 Endrin aldehyde

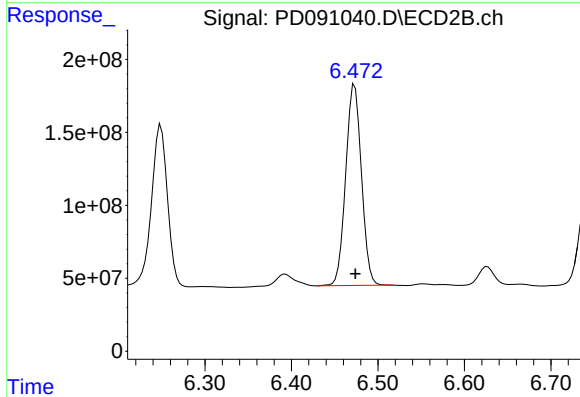
R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 1442434462
Conc: 52.09 ng/ml



#19 Endosulfan Sulfate

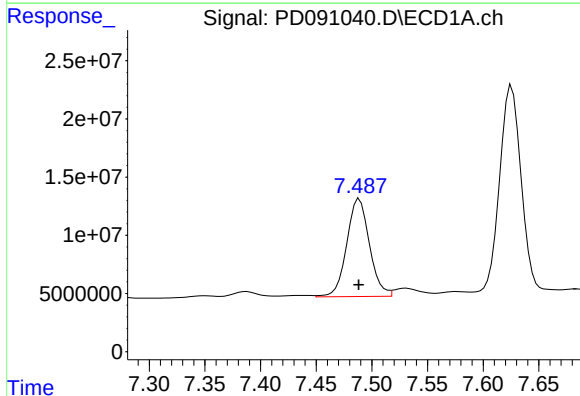
R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 222033364
Conc: 47.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11986MSD



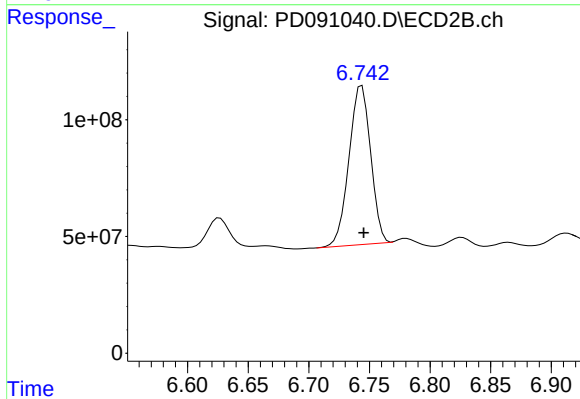
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 1736689447
Conc: 48.45 ng/ml



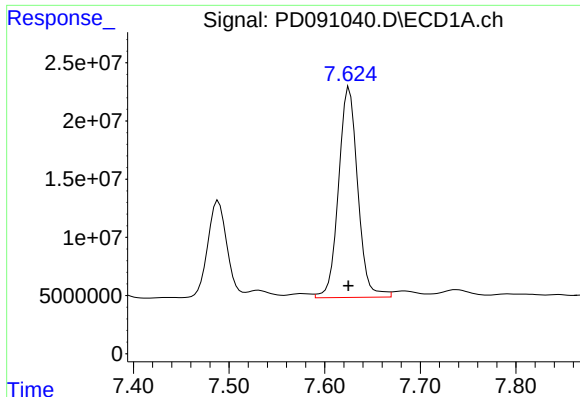
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 119626248
Conc: 56.28 ng/ml



#20 Methoxychlor

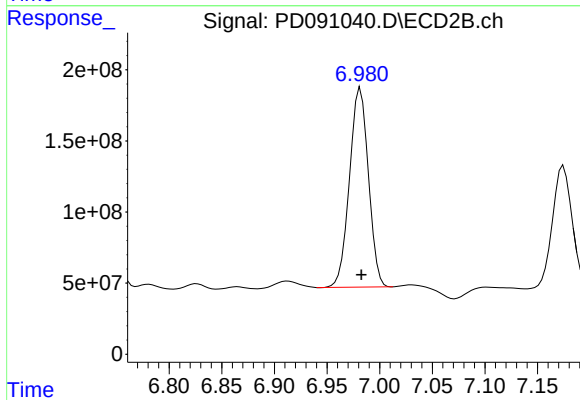
R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 846377775
Conc: 48.56 ng/ml



#21 Endrin ketone

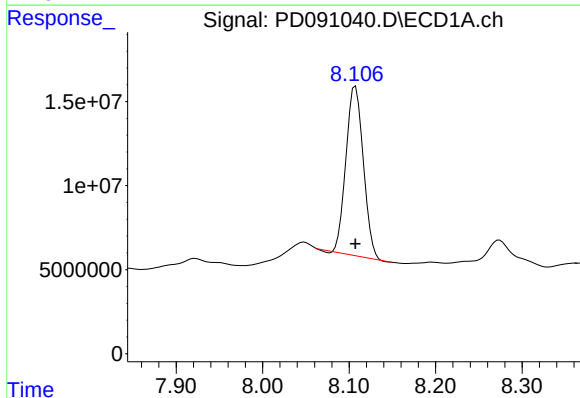
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 252455072
Conc: 51.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11986MSD



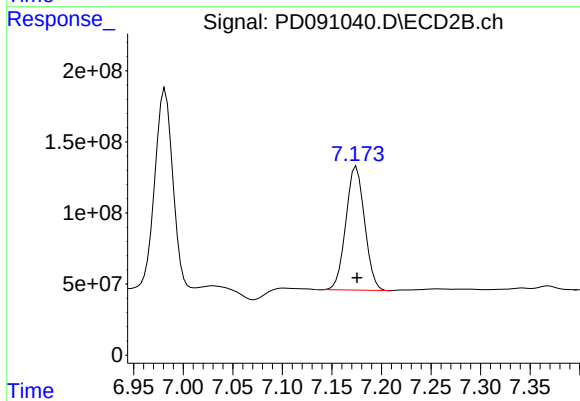
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 1758013127
Conc: 46.61 ng/ml



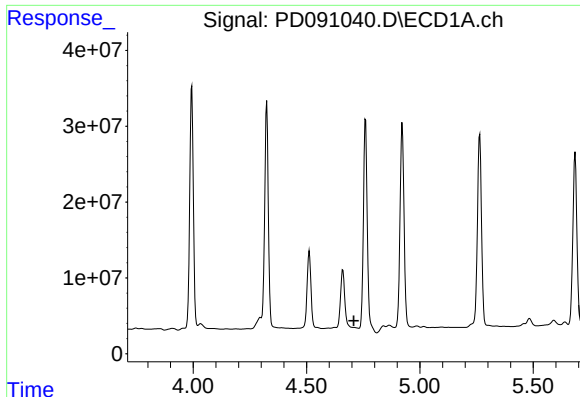
#22 Mirex

R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 139446089
Conc: 43.57 ng/ml



#22 Mirex

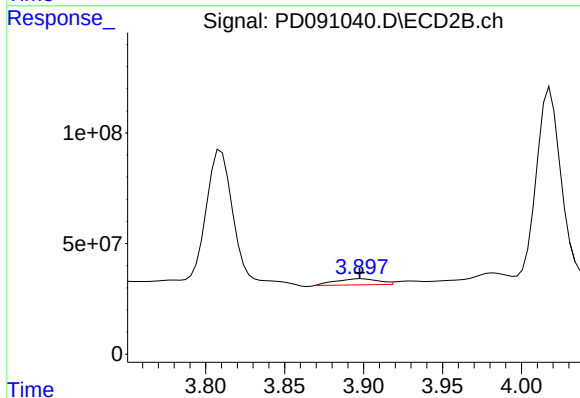
R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 1143668275
Conc: 44.52 ng/ml



#23 Chlordane-1

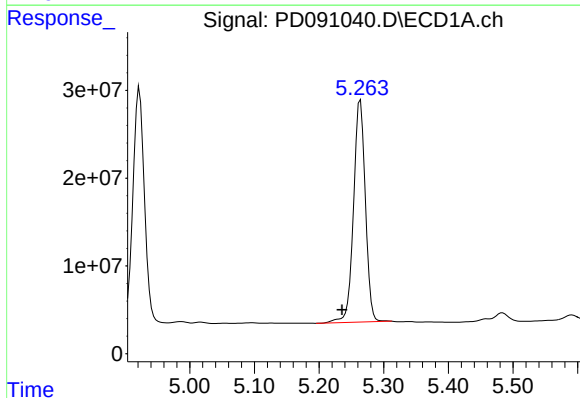
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
72-11986MSD



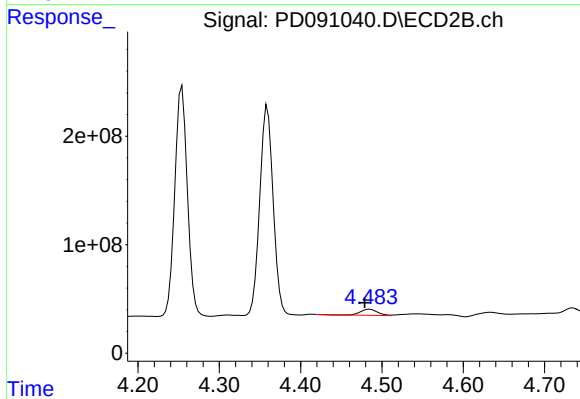
#23 Chlordane-1

R.T.: 3.898 min
Delta R.T.: 0.000 min
Response: 52308857
Conc: 41.97 ng/ml



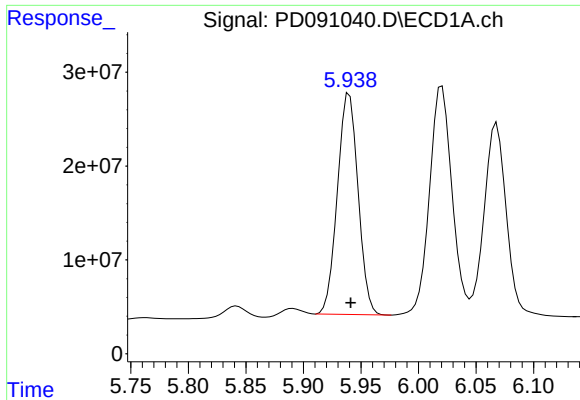
#24 Chlordane-2

R.T.: 5.264 min
Delta R.T.: 0.028 min
Response: 322811966
Conc: 1671.48 ng/ml



#24 Chlordane-2

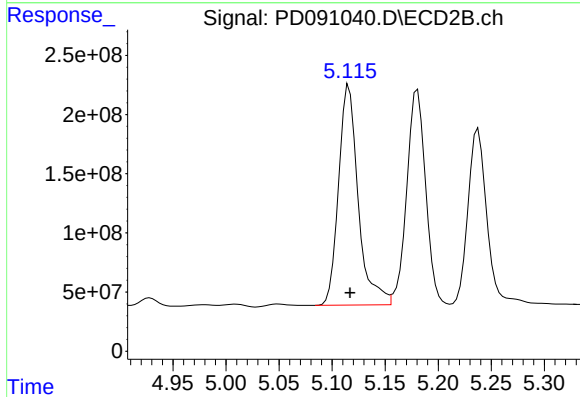
R.T.: 4.485 min
Delta R.T.: 0.006 min
Response: 76842765
Conc: 58.90 ng/ml



#25 Chlordane-3

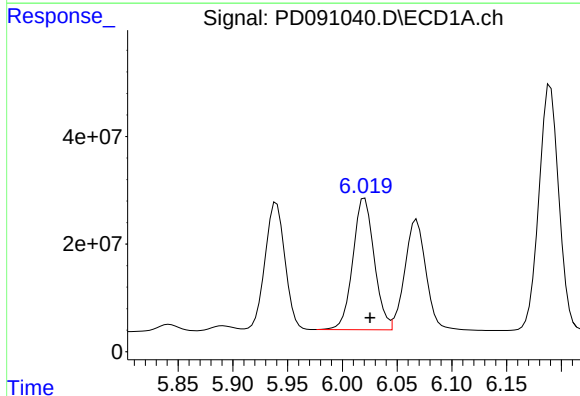
R.T.: 5.940 min
Delta R.T.: -0.001 min
Response: 295554854
Conc: 387.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11986MSD



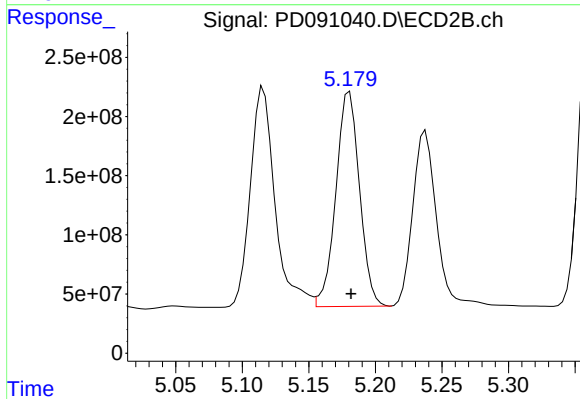
#25 Chlordane-3

R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 2394813508
Conc: 615.38 ng/ml



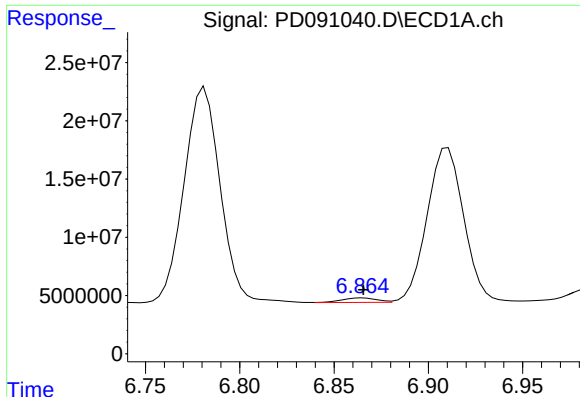
#26 Chlordane-4

R.T.: 6.020 min
Delta R.T.: -0.005 min
Response: 332541298
Conc: 343.22 ng/ml



#26 Chlordane-4

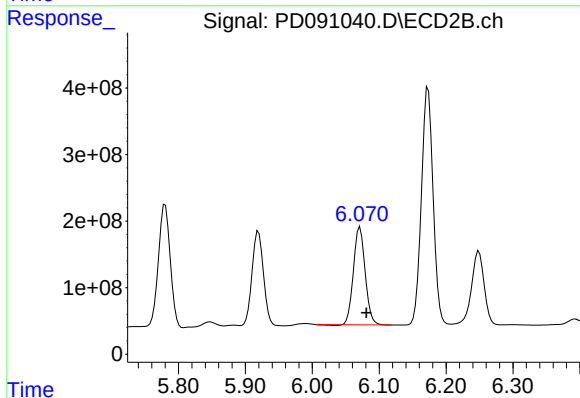
R.T.: 5.181 min
Delta R.T.: -0.001 min
Response: 2241649206
Conc: 670.90 ng/ml



#27 Chlordane-5

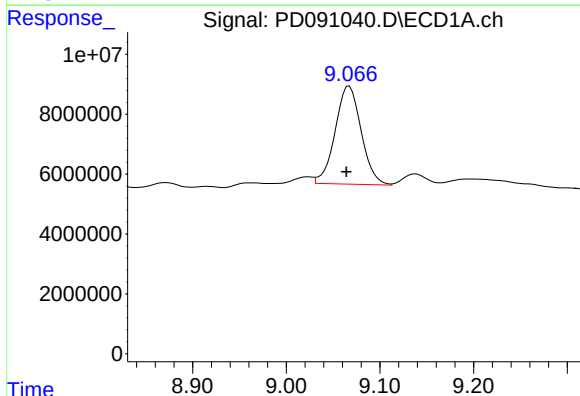
R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 4976362
Conc: 33.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11986MSD



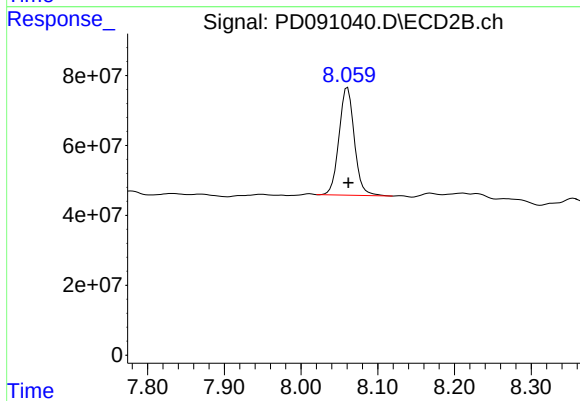
#27 Chlordane-5

R.T.: 6.071 min
Delta R.T.: -0.010 min
Response: 1793228946
Conc: 1214.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 63378659
Conc: 13.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 428174013
Conc: 14.14 ng/ml