

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060521\
 Data File : PD063474.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2021 14:55
 Operator : AR\AJ
 Sample : M2598-07MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 13MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 02:45:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060221.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 03 01:33:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.440	3.971	29770627	306.9E6	21.515	22.908
28)	SA Decachlor...	8.196	9.027	33099275	255.7E6	21.046	18.504
Target Compounds							
2)	A alpha-BHC	3.876	4.359	121.2E6	1179.6E6	57.974	57.065
3)	MA gamma-BHC...	4.159	4.643	112.1E6	1064.7E6	57.088	56.135
4)	MA Heptachlor	4.460	5.151	110.2E6	1076.6E6	56.776	56.337
5)	MB Aldrin	4.708	5.455	106.3E6	1061.6E6	56.237	54.597
6)	B beta-BHC	4.410	4.815	46368893	439.3E6	53.300	55.796
7)	B delta-BHC	4.614	5.031	113.1E6	1081.8E6	57.684	58.121
8)	B Heptachlor...	5.151	5.841	97479055	948.9E6	55.628	51.909
9)	A Endosulfan I	5.490	6.198	87130137	923.9E6	52.862	54.224
10)	B gamma-Chl...	5.378	6.075	101.2E6	984.7E6	56.649	53.007
11)	B alpha-Chl...	5.436	6.148	97029799	981.7E6	54.872	55.221
12)	B 4,4'-DDE	5.600	6.304	99033181	924.2E6	56.957	50.855
13)	MA Dieldrin	5.733	6.454	102.3E6	987.0E6	58.238	54.526
14)	MA Endrin	5.990	6.672	87958621	787.2E6	55.305	51.218
15)	B Endosulfa...	6.264	6.881	79821489	783.3E6	56.931	53.119
16)	A 4,4'-DDD	6.117	6.795	77898271	797.9E6	53.714	53.628
17)	MA 4,4'-DDT	6.358	7.093	83586075	814.7E6	57.856	54.124
18)	B Endrin al...	6.433	7.005	64610928	627.7E6	54.302	51.804
19)	B Endosulfa...	6.647	7.229	78209565	766.3E6	61.196	50.532
20)	A Methoxychlor	6.904	7.552	43340274	374.4E6	54.341	50.546
21)	B Endrin ke...	7.138	7.699	92305766	731.1E6	52.030	49.998
22)	Mirex	7.326	8.153	63569184	488.2E6	55.377	48.828
23)	Chlordane-1	4.309	4.963	1132608	3094074	23.332	5.349 #
24)	Chlordane-2	0.000	5.455f	0	1061.6E6	N.D.	1897.482 #
25)	Chlordane-3	5.378	6.075	101.2E6	984.7E6	594.787	398.560 #
26)	Chlordane-4	5.436	6.148	97029799	981.7E6	696.144	343.466 #
27)	Chlordane-5	6.264	6.947	79821489	4488445	1441.939	8.590 #

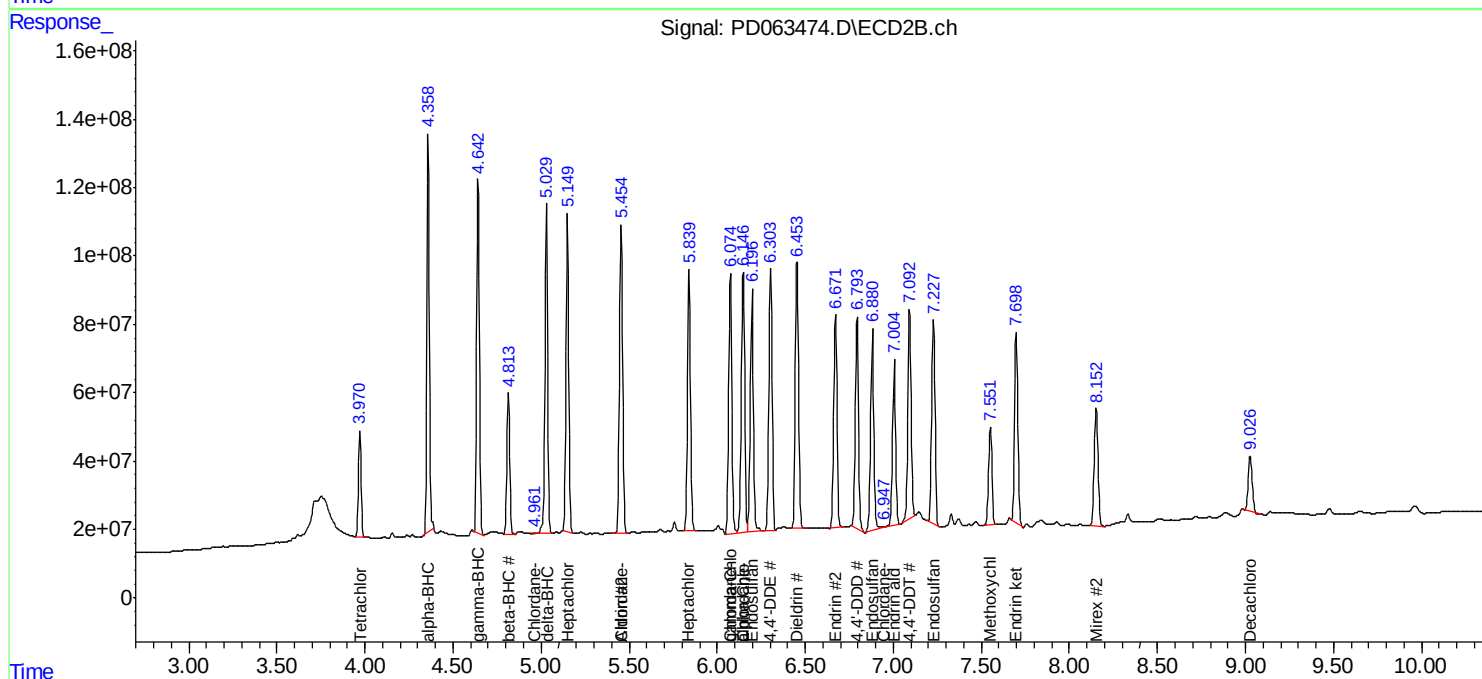
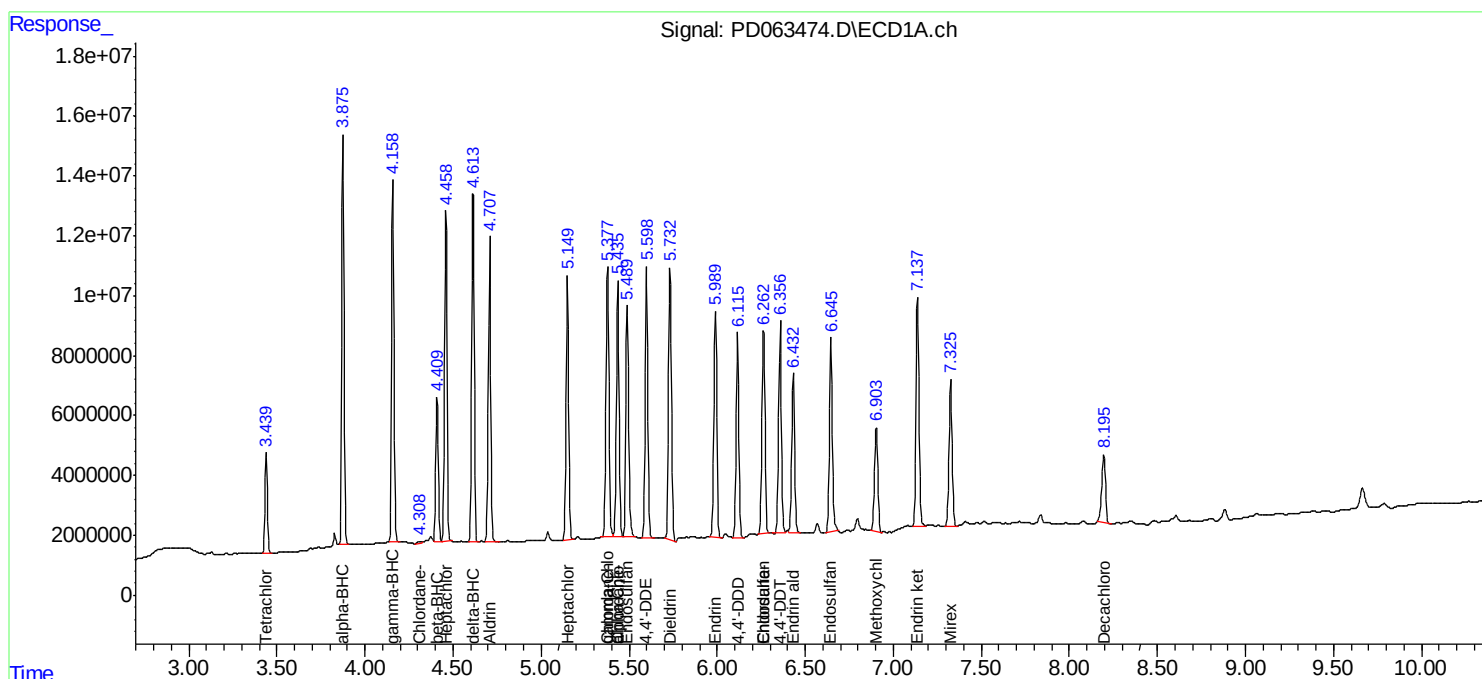
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

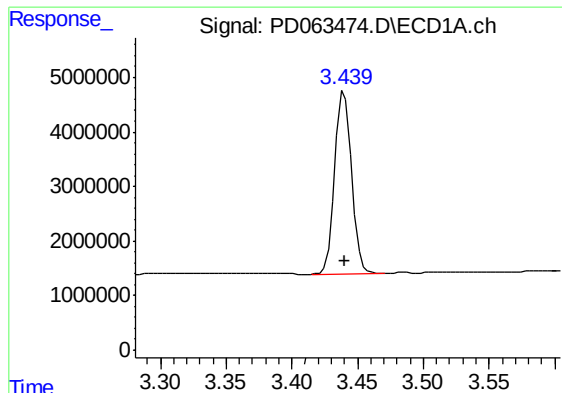
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060521\
Data File : PD063474.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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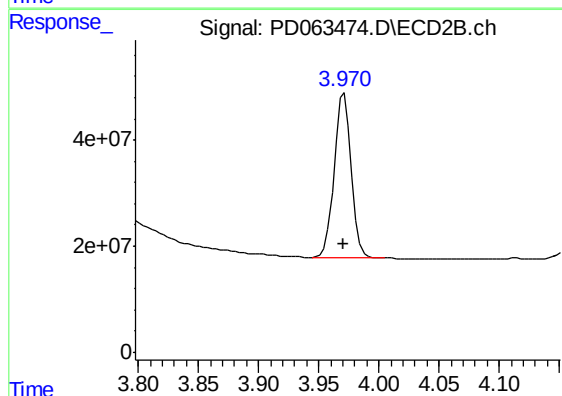




#1 Tetrachloro-m-xylene

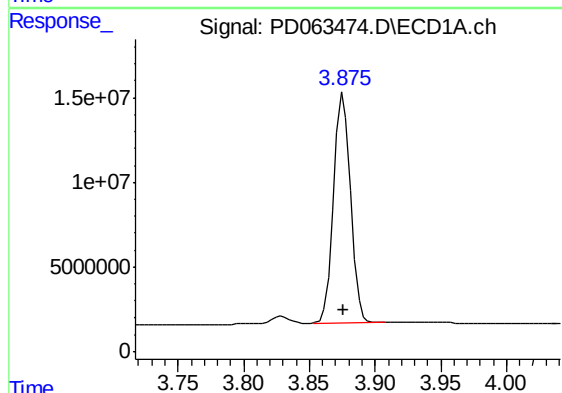
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 29770627
Conc: 21.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MSD



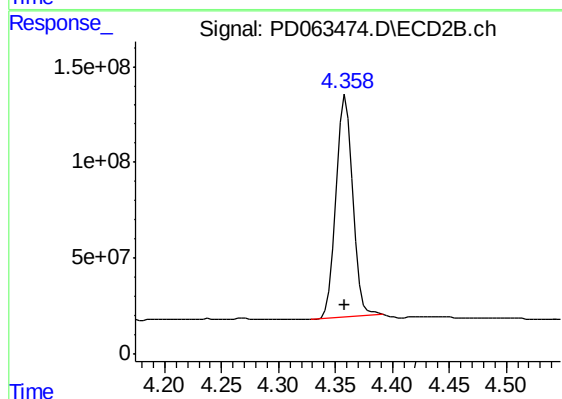
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 306939265
Conc: 22.91 ng/ml



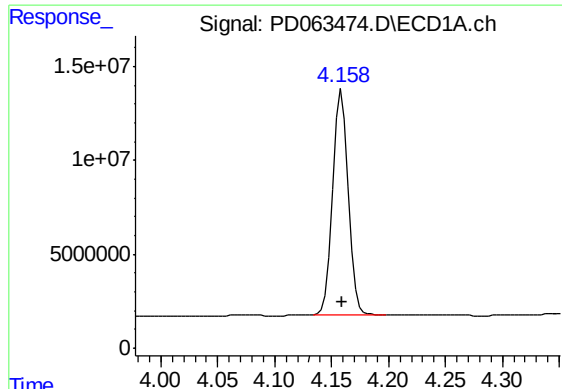
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 121216142
Conc: 57.97 ng/ml



#2 alpha-BHC

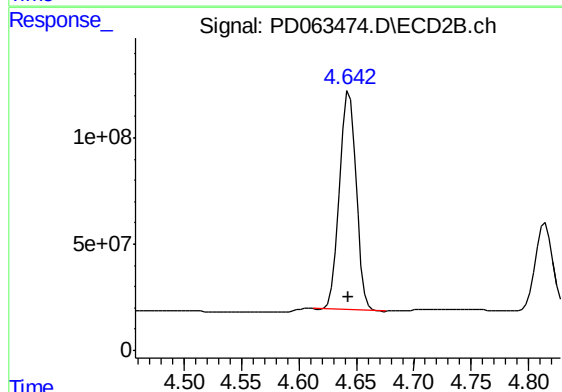
R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 1179581199
Conc: 57.07 ng/ml



#3 gamma-BHC (Lindane)

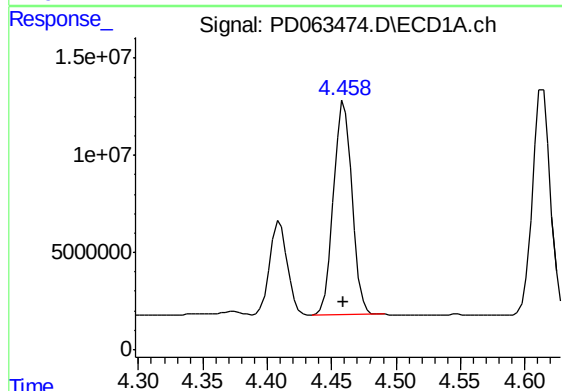
R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 112118116
Conc: 57.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MSD



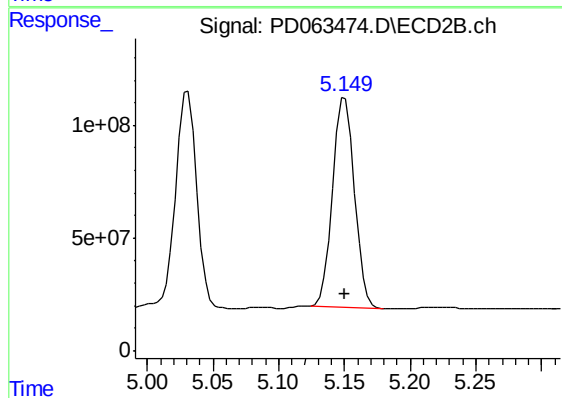
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 1064674943
Conc: 56.13 ng/ml



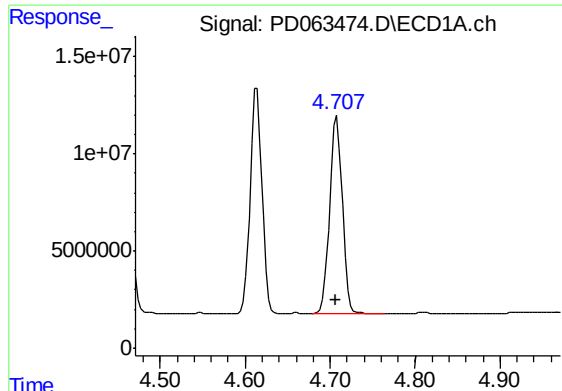
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 110235152
Conc: 56.78 ng/ml



#4 Heptachlor

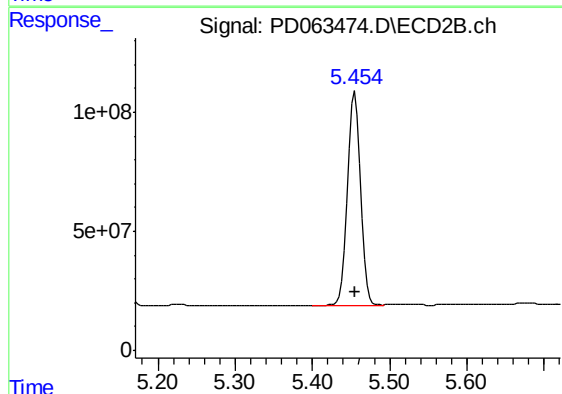
R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 1076627281
Conc: 56.34 ng/ml



#5 Aldrin

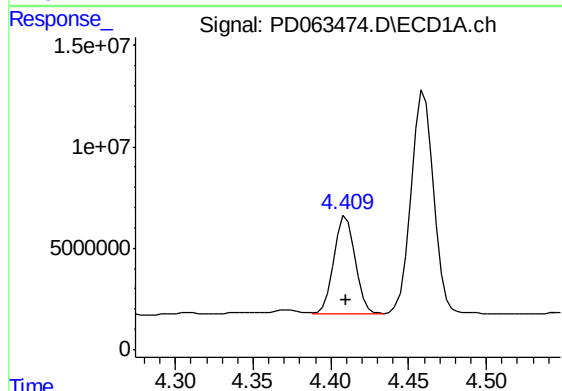
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 106280691
Conc: 56.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MSD



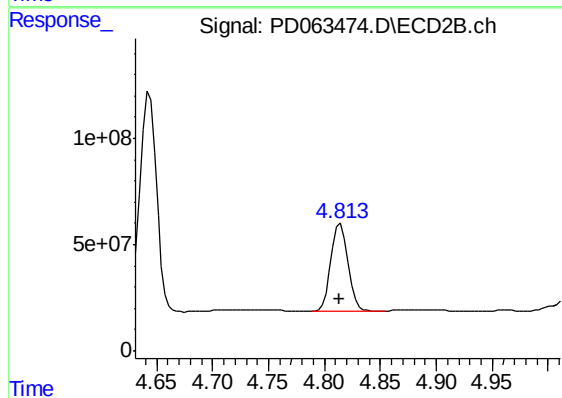
#5 Aldrin

R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 1061581248
Conc: 54.60 ng/ml



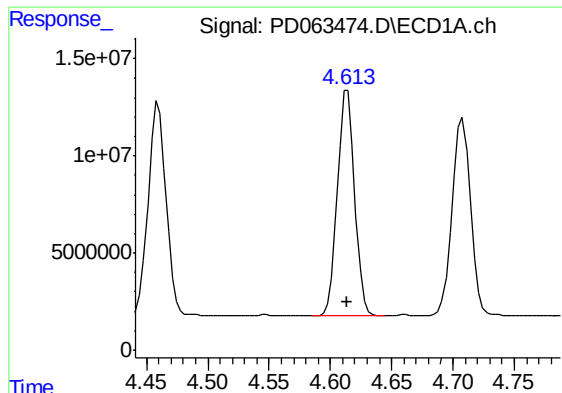
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 46368893
Conc: 53.30 ng/ml



#6 beta-BHC

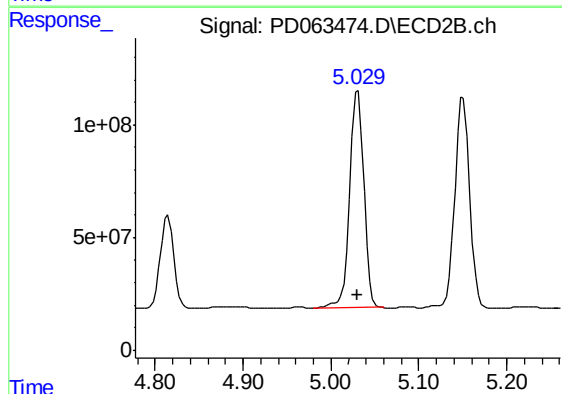
R.T.: 4.815 min
Delta R.T.: 0.001 min
Response: 439298769
Conc: 55.80 ng/ml



#7 delta-BHC

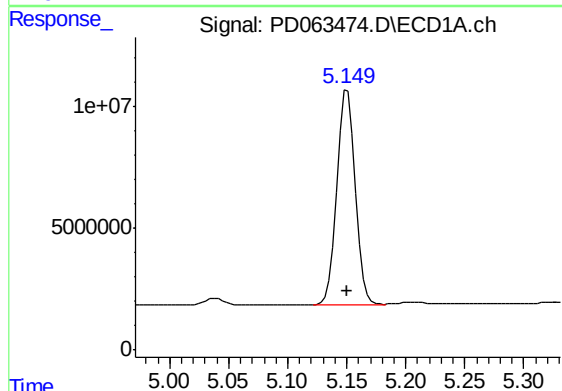
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 113132018
Conc: 57.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MSD



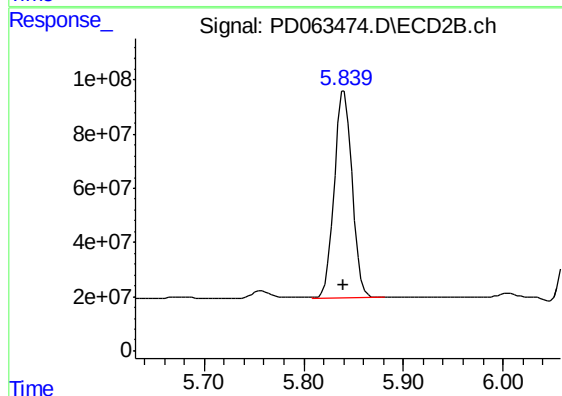
#7 delta-BHC

R.T.: 5.031 min
Delta R.T.: 0.001 min
Response: 1081797173
Conc: 58.12 ng/ml



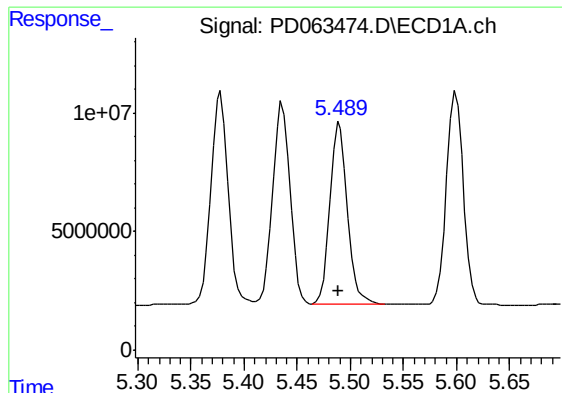
#8 Heptachlor epoxide

R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 97479055
Conc: 55.63 ng/ml



#8 Heptachlor epoxide

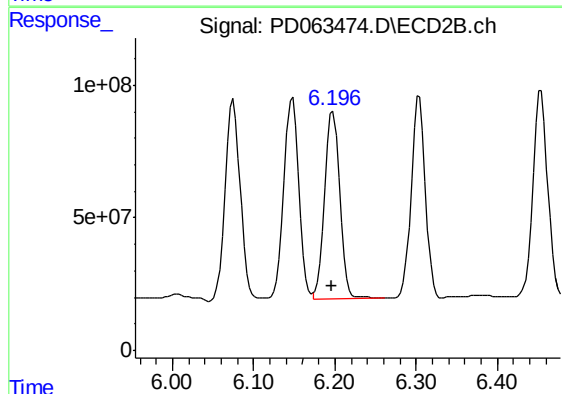
R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 948915044
Conc: 51.91 ng/ml



#9 Endosulfan I

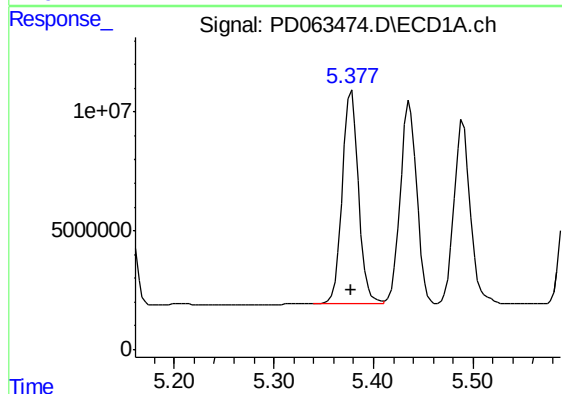
R.T.: 5.490 min
Delta R.T.: 0.001 min
Response: 87130137
Conc: 52.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MSD



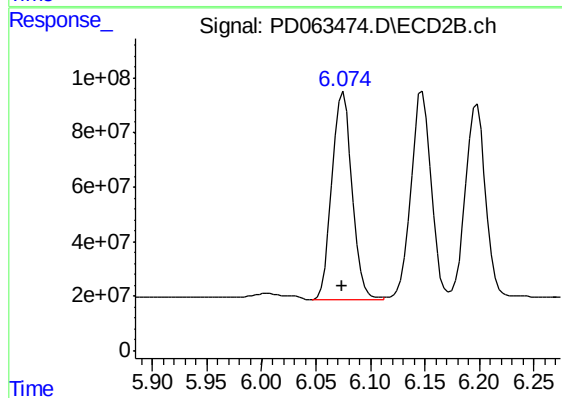
#9 Endosulfan I

R.T.: 6.198 min
Delta R.T.: 0.001 min
Response: 923887109
Conc: 54.22 ng/ml



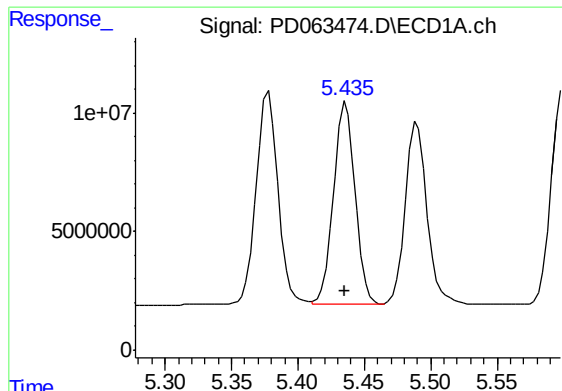
#10 gamma-Chlordane

R.T.: 5.378 min
Delta R.T.: 0.001 min
Response: 101166559
Conc: 56.65 ng/ml



#10 gamma-Chlordane

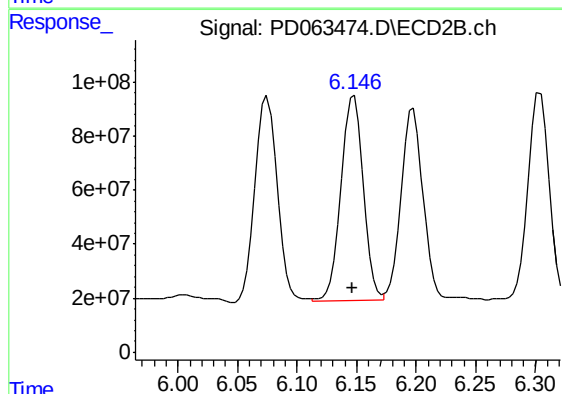
R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 984684928
Conc: 53.01 ng/ml



#11 alpha-Chlordane

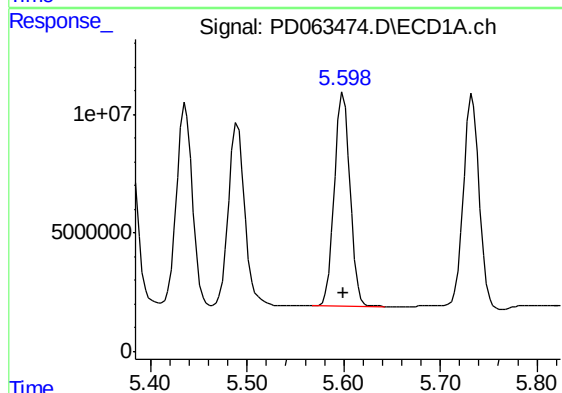
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 97029799
Conc: 54.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MSD



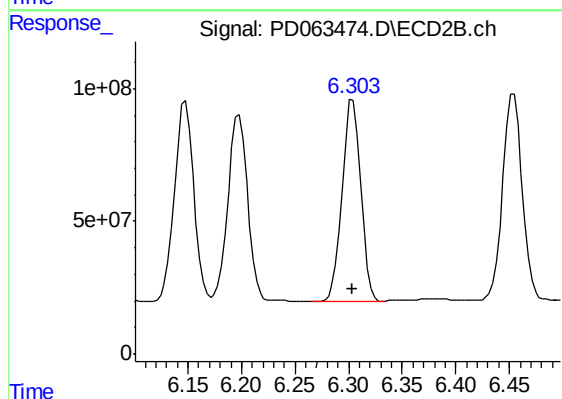
#11 alpha-Chlordane

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 981731189
Conc: 55.22 ng/ml



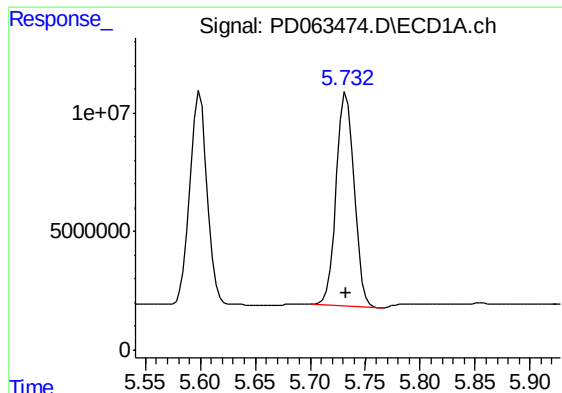
#12 4,4'-DDE

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 99033181
Conc: 56.96 ng/ml



#12 4,4'-DDE

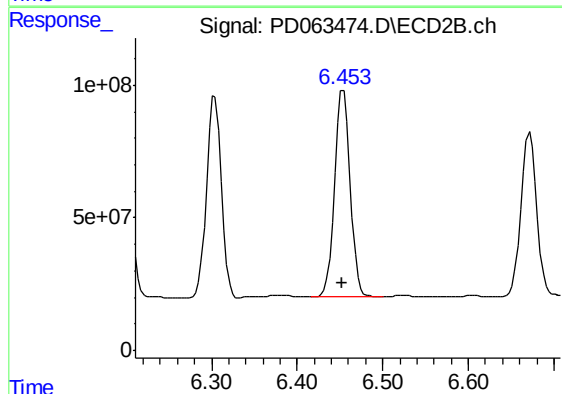
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 924179207
Conc: 50.85 ng/ml



#13 Dieldrin

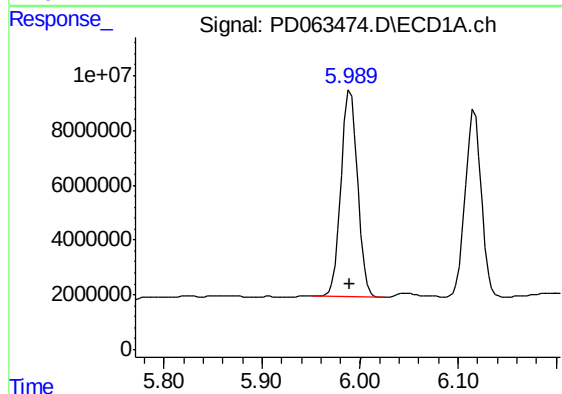
R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 102289950
Conc: 58.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MSD



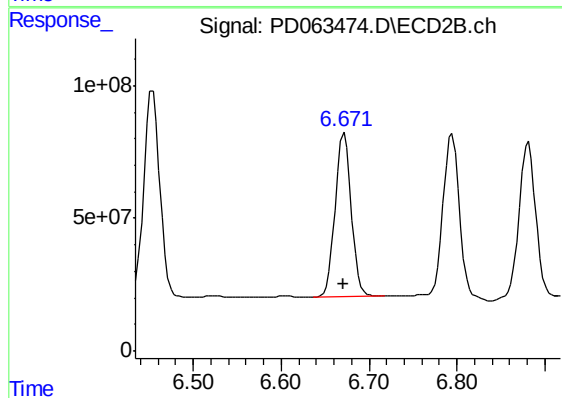
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.001 min
Response: 987031703
Conc: 54.53 ng/ml



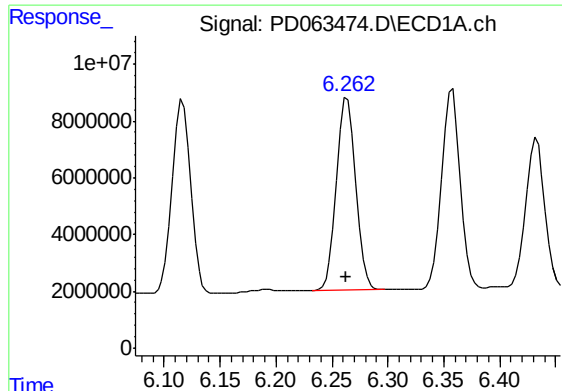
#14 Endrin

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 87958621
Conc: 55.30 ng/ml



#14 Endrin

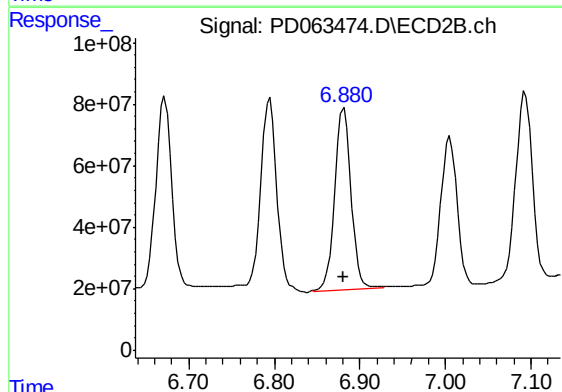
R.T.: 6.672 min
Delta R.T.: 0.001 min
Response: 787243580
Conc: 51.22 ng/ml



#15 Endosulfan II

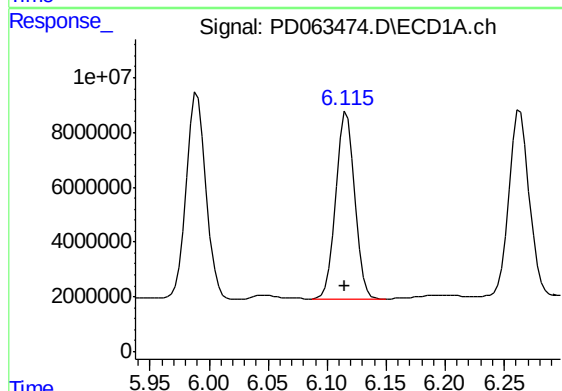
R.T.: 6.264 min
Delta R.T.: 0.001 min
Response: 79821489
Conc: 56.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MSD



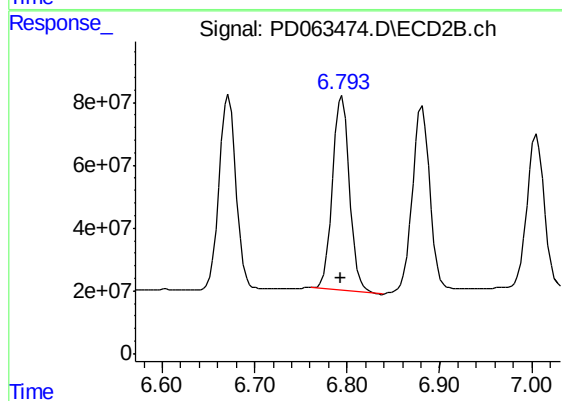
#15 Endosulfan II

R.T.: 6.881 min
Delta R.T.: 0.001 min
Response: 783294870
Conc: 53.12 ng/ml



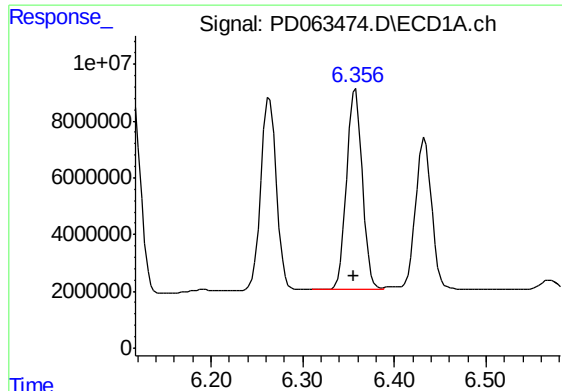
#16 4,4'-DDD

R.T.: 6.117 min
Delta R.T.: 0.001 min
Response: 77898271
Conc: 53.71 ng/ml



#16 4,4'-DDD

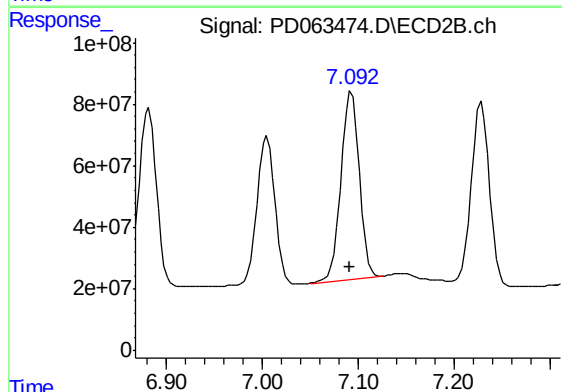
R.T.: 6.795 min
Delta R.T.: 0.001 min
Response: 797922557
Conc: 53.63 ng/ml



#17 4,4'-DDT

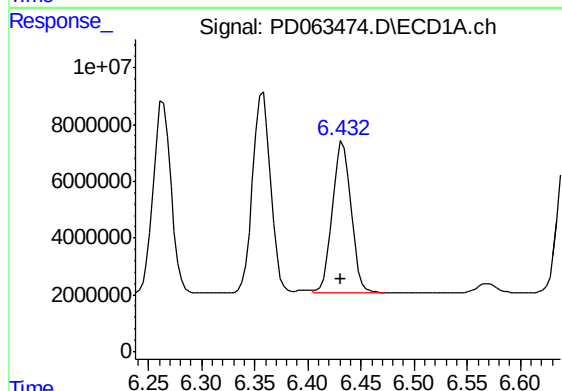
R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 83586075
Conc: 57.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MSD



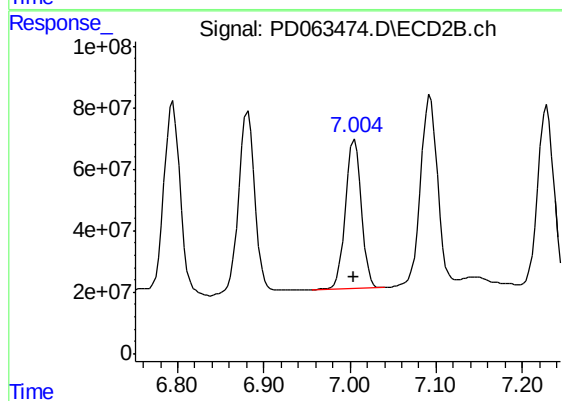
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: 0.002 min
Response: 814683650
Conc: 54.12 ng/ml



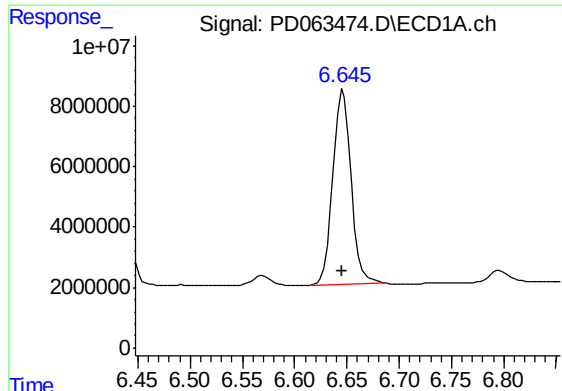
#18 Endrin aldehyde

R.T.: 6.433 min
Delta R.T.: 0.002 min
Response: 64610928
Conc: 54.30 ng/ml



#18 Endrin aldehyde

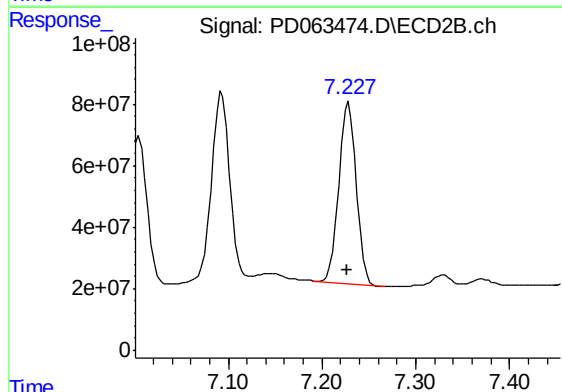
R.T.: 7.005 min
Delta R.T.: 0.001 min
Response: 627659642
Conc: 51.80 ng/ml



#19 Endosulfan Sulfate

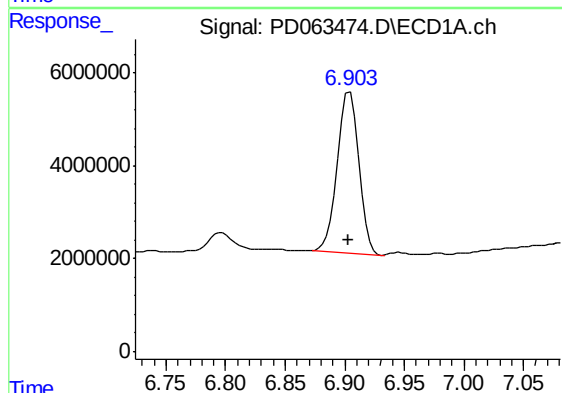
R.T.: 6.647 min
Delta R.T.: 0.001 min
Response: 78209565
Conc: 61.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MSD



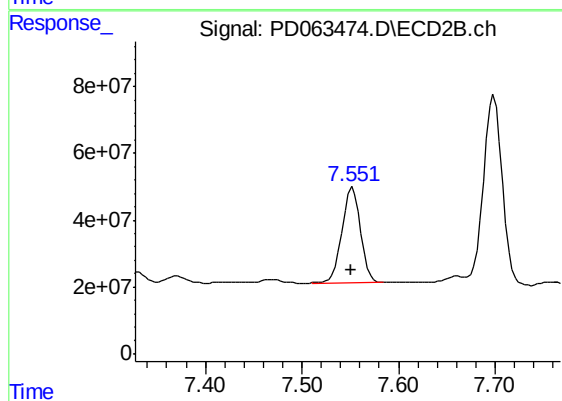
#19 Endosulfan Sulfate

R.T.: 7.229 min
Delta R.T.: 0.002 min
Response: 766282747
Conc: 50.53 ng/ml



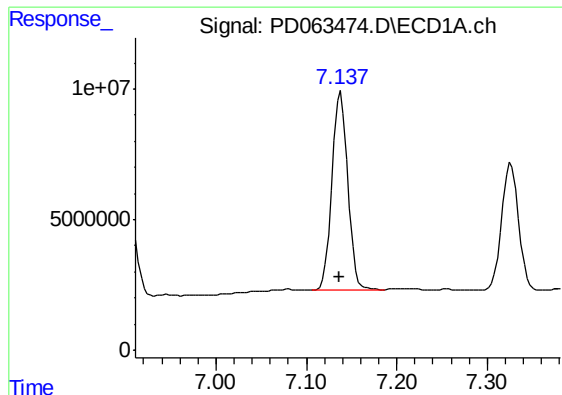
#20 Methoxychlor

R.T.: 6.904 min
Delta R.T.: 0.001 min
Response: 43340274
Conc: 54.34 ng/ml



#20 Methoxychlor

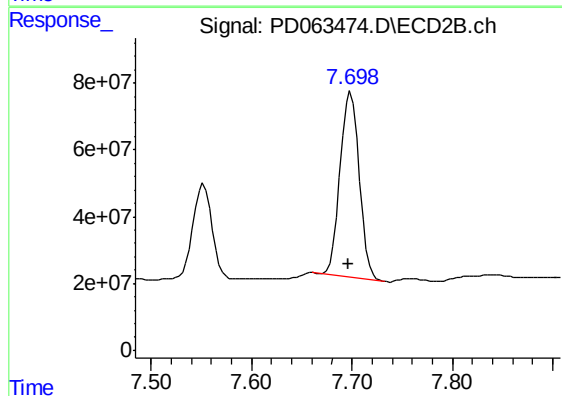
R.T.: 7.552 min
Delta R.T.: 0.002 min
Response: 374381032
Conc: 50.55 ng/ml



#21 Endrin ketone

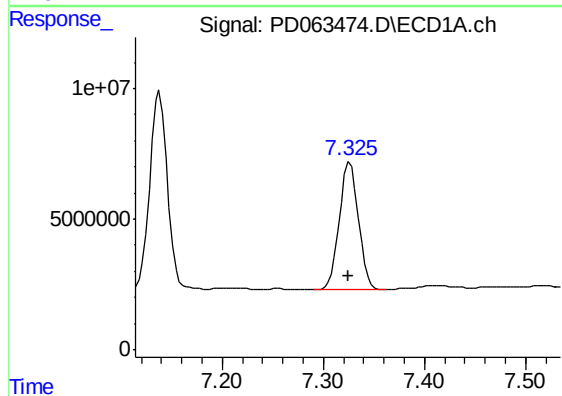
R.T.: 7.138 min
Delta R.T.: 0.001 min
Response: 92305766
Conc: 52.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MSD



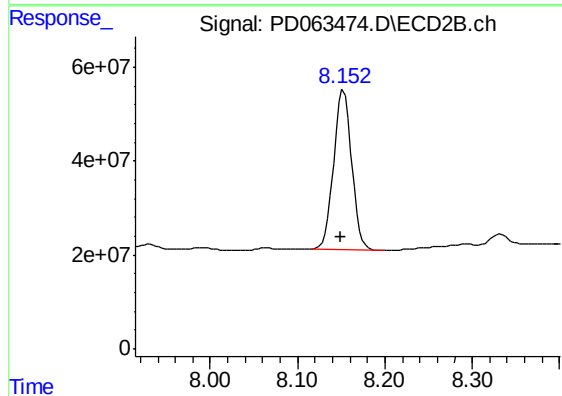
#21 Endrin ketone

R.T.: 7.699 min
Delta R.T.: 0.002 min
Response: 731081884
Conc: 50.00 ng/ml



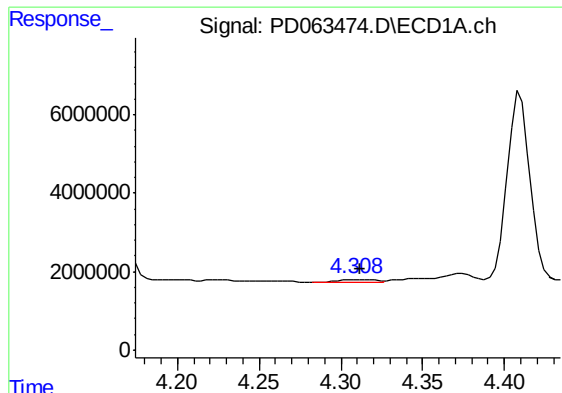
#22 Mirex

R.T.: 7.326 min
Delta R.T.: 0.002 min
Response: 63569184
Conc: 55.38 ng/ml



#22 Mirex

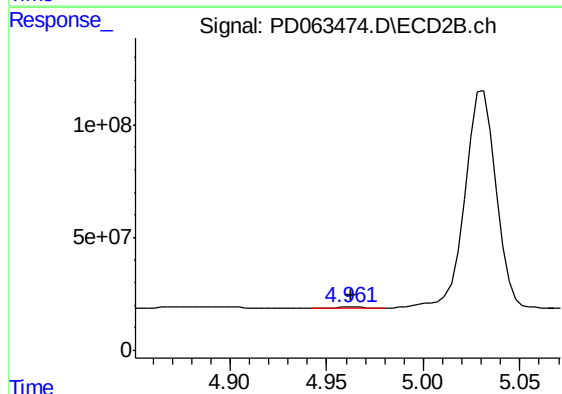
R.T.: 8.153 min
Delta R.T.: 0.003 min
Response: 488233908
Conc: 48.83 ng/ml



#23 Chlordane-1

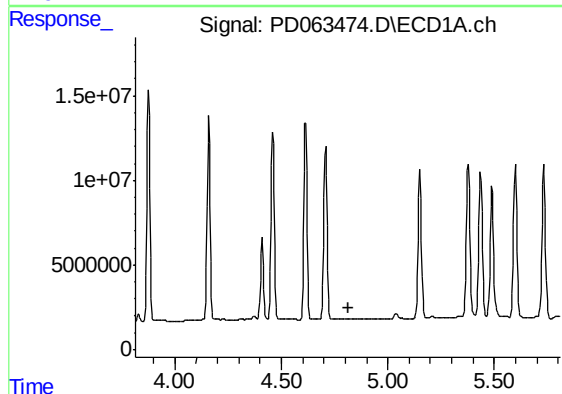
R.T.: 4.309 min
Delta R.T.: -0.002 min
Response: 1132608
Conc: 23.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MSD



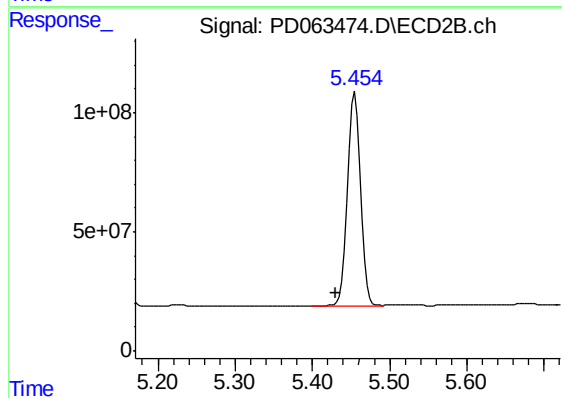
#23 Chlordane-1

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 3094074
Conc: 5.35 ng/ml



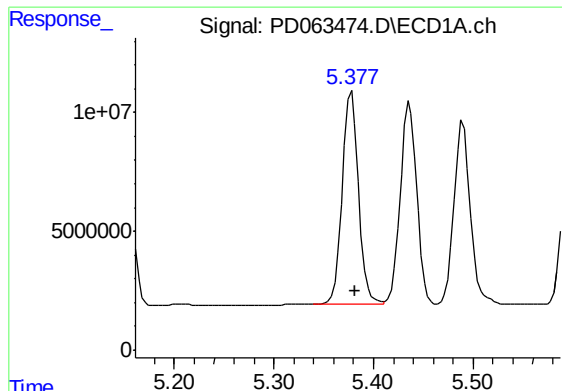
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.813 min
Response: 0
Conc: N.D.



#24 Chlordane-2

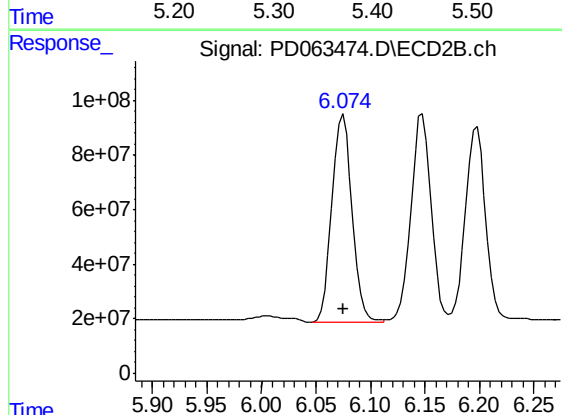
R.T.: 5.455 min
Delta R.T.: 0.026 min
Response: 1061581248
Conc: 1897.48 ng/ml



#25 Chlordane-3

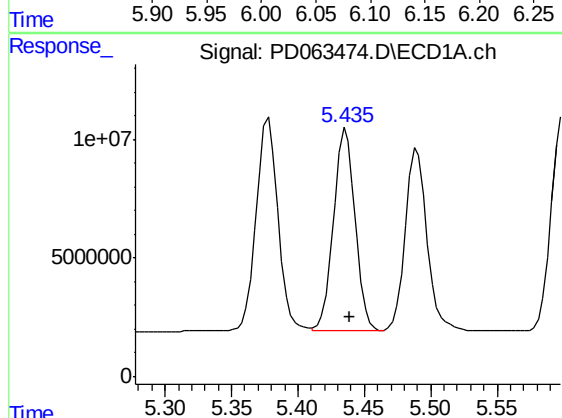
R.T.: 5.378 min
Delta R.T.: -0.004 min
Response: 101166559
Conc: 594.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MSD



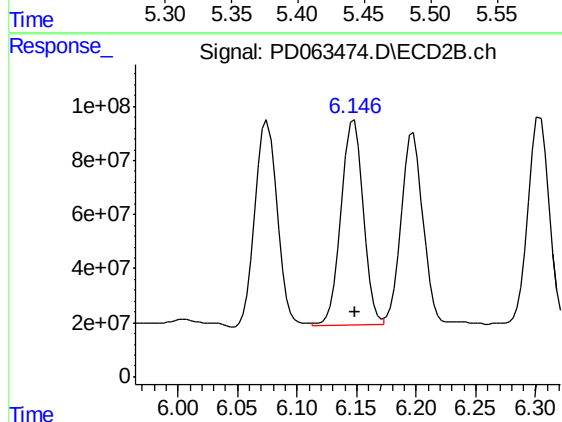
#25 Chlordane-3

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 984684928
Conc: 398.56 ng/ml



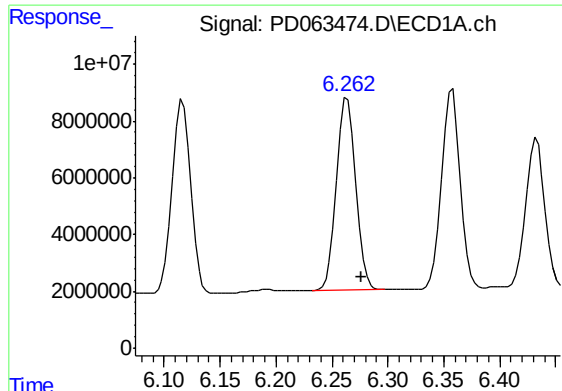
#26 Chlordane-4

R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 97029799
Conc: 696.14 ng/ml



#26 Chlordane-4

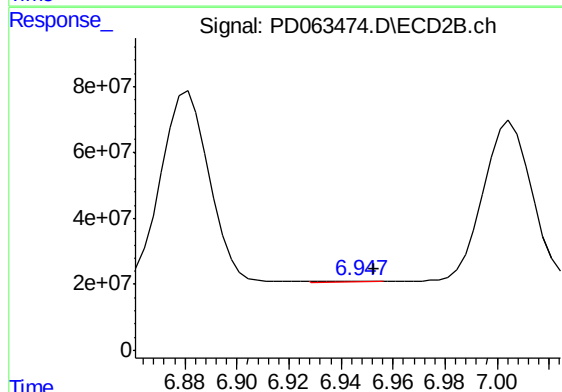
R.T.: 6.148 min
Delta R.T.: -0.001 min
Response: 981731189
Conc: 343.47 ng/ml



#27 Chlordane-5

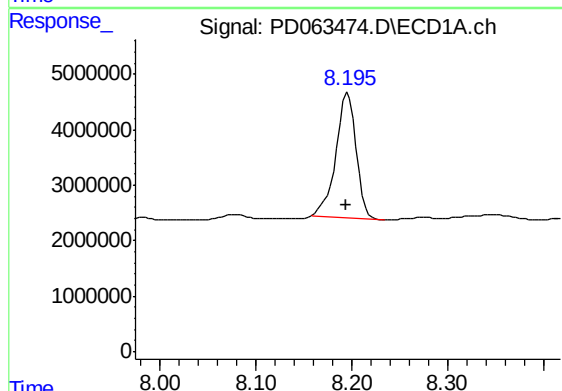
R.T.: 6.264 min
Delta R.T.: -0.012 min
Response: 79821489
Conc: 1441.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MSD



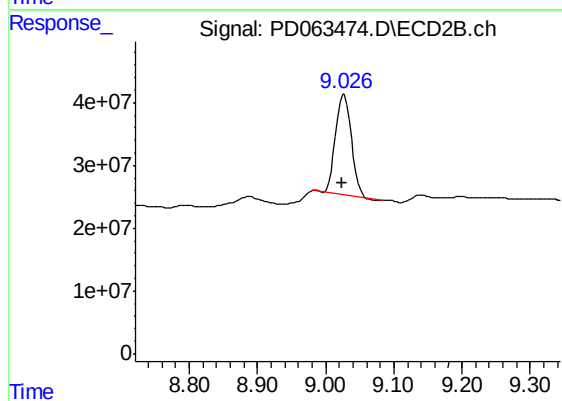
#27 Chlordane-5

R.T.: 6.947 min
Delta R.T.: -0.005 min
Response: 4488445
Conc: 8.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: 0.002 min
Response: 33099275
Conc: 21.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: 0.003 min
Response: 255701615
Conc: 18.50 ng/ml