

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060421\
 Data File : PD063435.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2021 18:44
 Operator : AR\AJ
 Sample : M2580-18MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 18-B1(0-2)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 02:30:32 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	33073128	326.2E6	23.901	24.342
28)	SA Decachlor...	8.195	9.025	36451863	347.0E6	23.178	25.111
Target Compounds							
2)	A alpha-BHC	3.876	4.359	134.9E6	1284.1E6	64.542	62.119
3)	MA gamma-BHC...	4.159	4.643	125.1E6	1176.9E6	63.692	62.049
4)	MA Heptachlor	4.460	5.151	123.1E6	1155.1E6	63.404	60.444
5)	MB Aldrin	4.708	5.455	118.2E6	1160.9E6	62.554	59.708
6)	B beta-BHC	4.410	4.814	52238470	489.3E6	60.047	62.143
7)	B delta-BHC	4.614	5.030	128.7E6	1138.1E6	65.608	61.326
8)	B Heptachlor...	5.150	5.841	111.4E6	1046.0E6	63.556	57.220
9)	A Endosulfan I	5.489	6.197	104.1E6	995.1E6	63.187	58.402
10)	B gamma-Chl...	5.377	6.075	112.6E6	1074.7E6	63.049	57.854
11)	B alpha-Chl...	5.436	6.147	110.8E6	1043.8E6	62.647	58.710
12)	B 4,4'-DDE	5.599	6.304	110.1E6	1067.9E6	63.309	58.761
13)	MA Dieldrin	5.733	6.454	112.0E6	1084.6E6	63.758	59.916
14)	MA Endrin	5.990	6.671	102.0E6	915.2E6	64.153	59.544
15)	B Endosulfa...	6.264	6.880	90471562	887.0E6	64.527	60.154
16)	A 4,4'-DDD	6.116	6.794	92601602	902.4E6	63.853	60.651
17)	MA 4,4'-DDT	6.357	7.092	92857534	904.4E6	64.274	60.088
18)	B Endrin al...	6.432	7.004	72833200	695.4E6	61.213	57.396
19)	B Endosulfa...	6.646	7.228	86845627	899.6E6	67.954	59.320
20)	A Methoxychlor	6.904	7.551	49423223	428.0E6	61.968	57.791
21)	B Endrin ke...	7.138	7.698	110.3E6	893.6E6	62.165	61.115
22)	Mirex	7.325	8.152	72175579	571.2E6	62.874	57.128
23)	Chlordane-1	4.337f	0.000	1207520	0	24.875	N.D. #
24)	Chlordane-2	0.000	5.455f	0	1160.9E6	N.D.	2075.087 #
25)	Chlordane-3	5.377	6.075	112.6E6	1074.7E6	661.989	435.009 #
26)	Chlordane-4	5.436	6.147	110.8E6	1043.8E6	794.772	365.169 #
27)	Chlordane-5	6.264	6.941	90471562	673047	1634.328	1.288 #

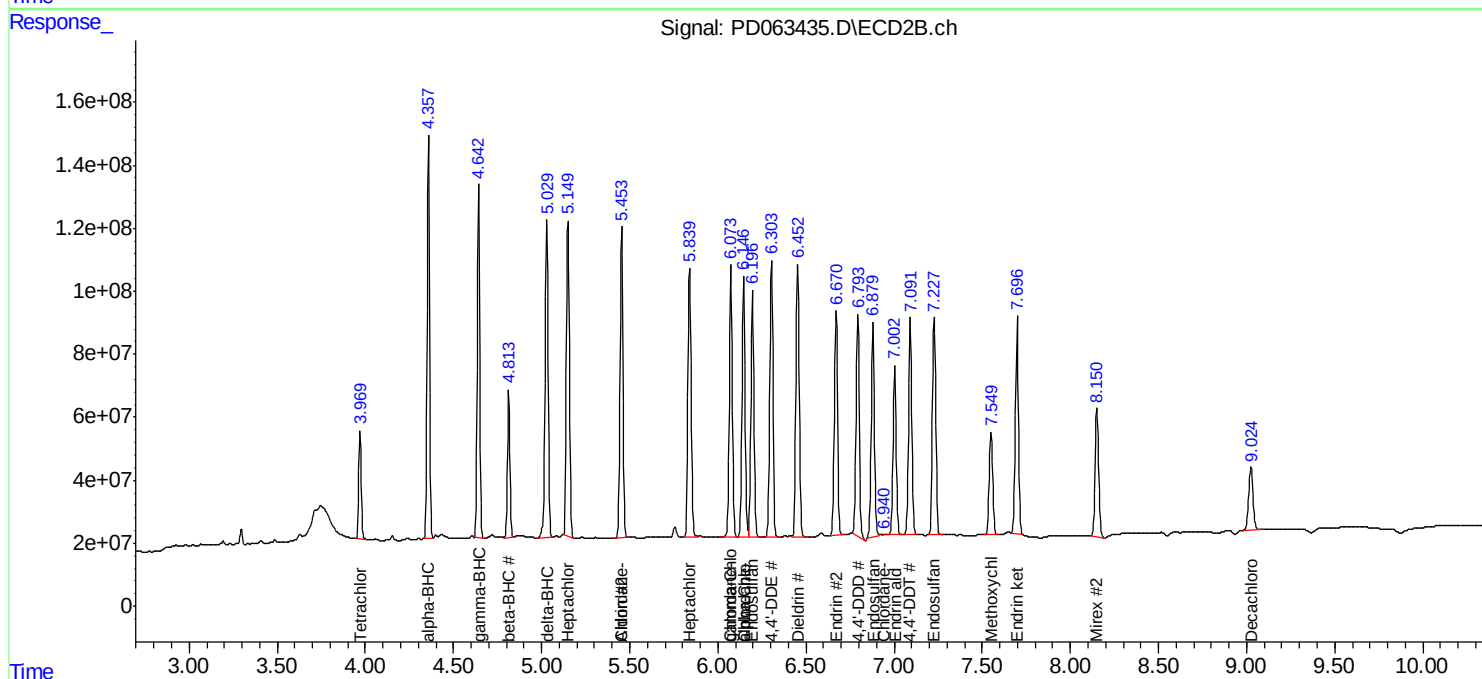
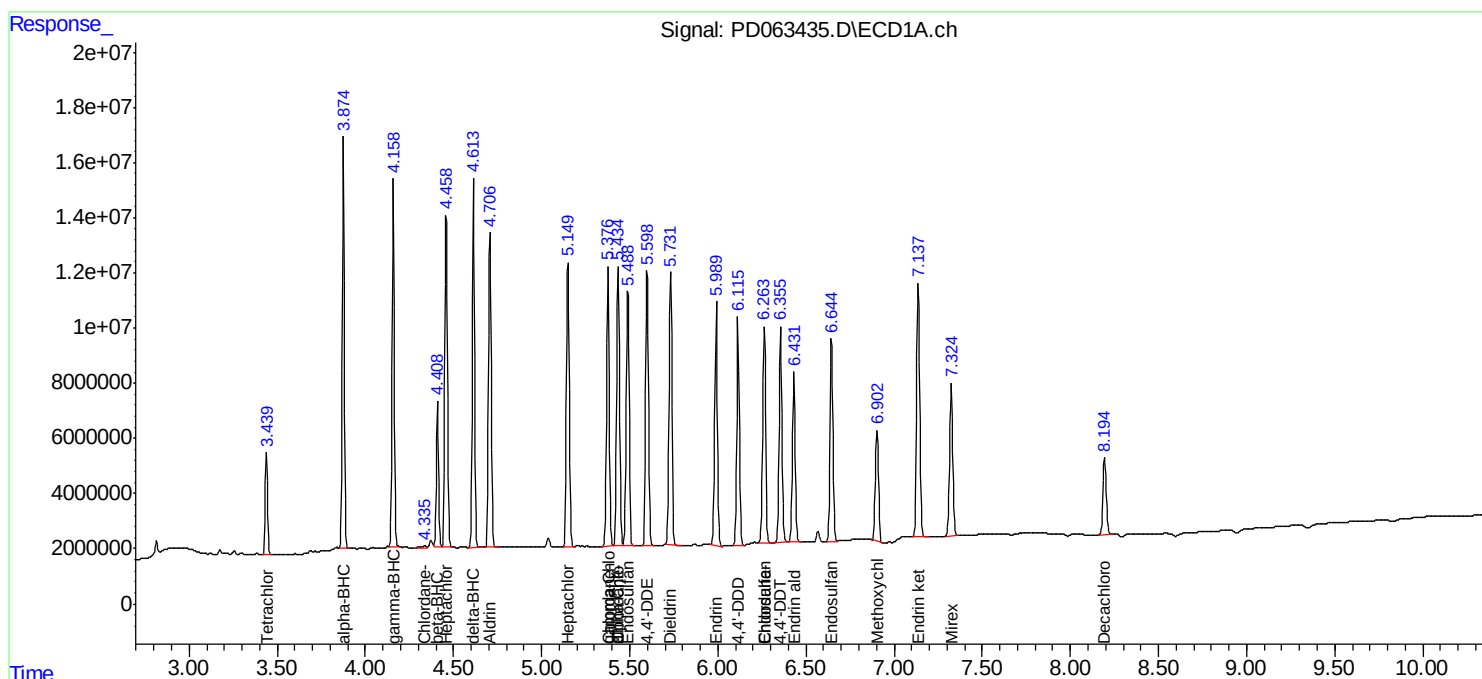
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

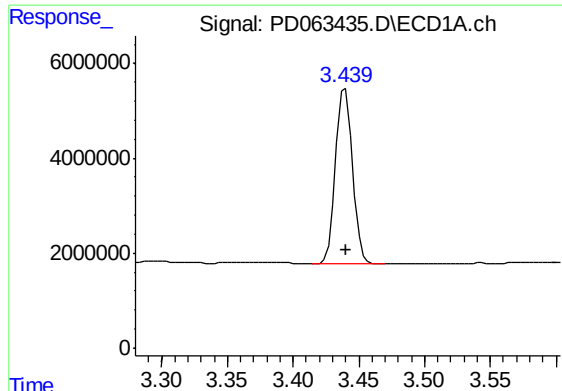
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060421\
Data File : PD063435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2021 18:44
Operator : AR\AJ
Sample : M2580-18MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :
18-B1(0-2)MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 02:30:32 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
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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

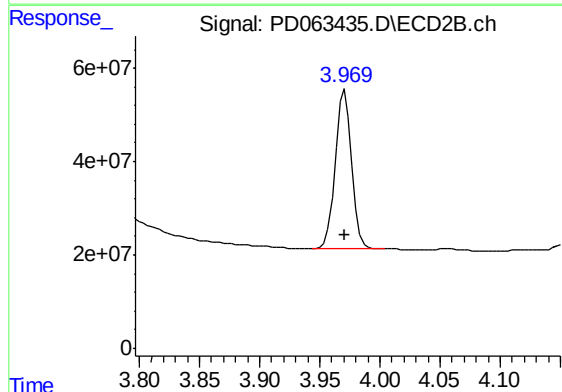




#1 Tetrachloro-m-xylene

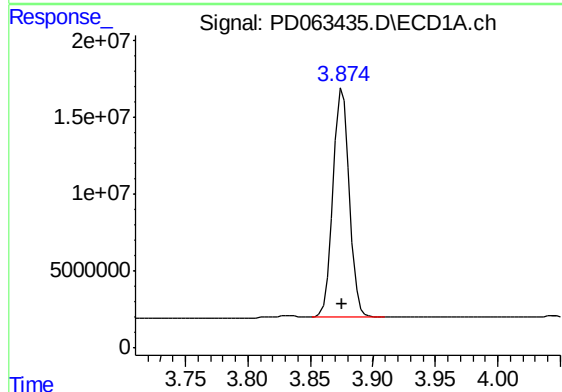
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 33073128
Conc: 23.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B1(0-2)MSD



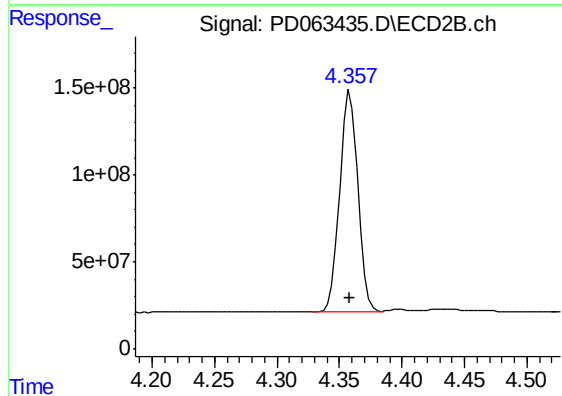
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 326152243
Conc: 24.34 ng/ml



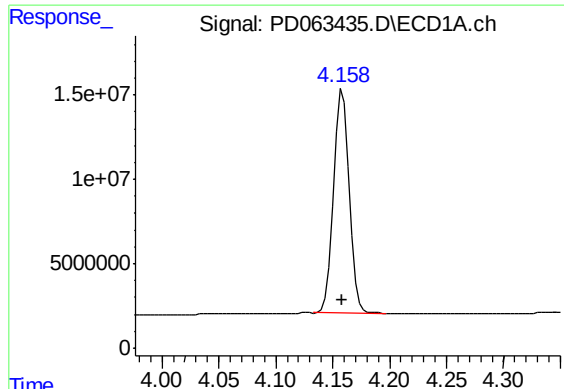
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 134948209
Conc: 64.54 ng/ml



#2 alpha-BHC

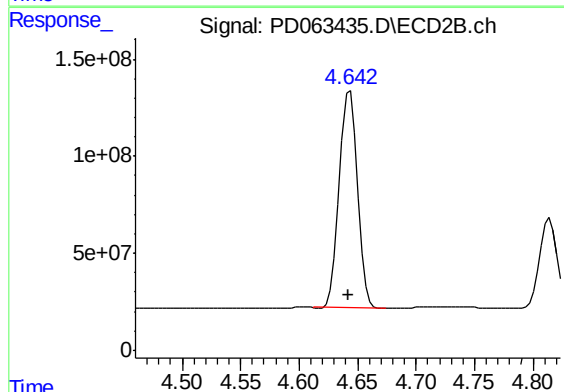
R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 1284051264
Conc: 62.12 ng/ml



#3 gamma-BHC (Lindane)

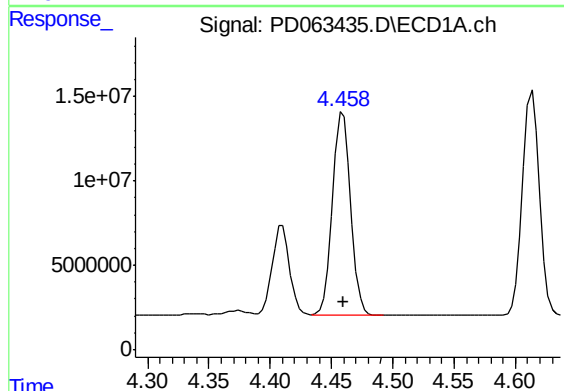
R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 125088586
Conc: 63.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B1(0-2)MSD



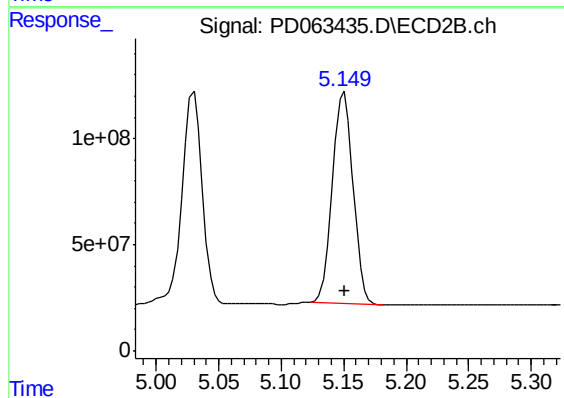
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 1176858200
Conc: 62.05 ng/ml



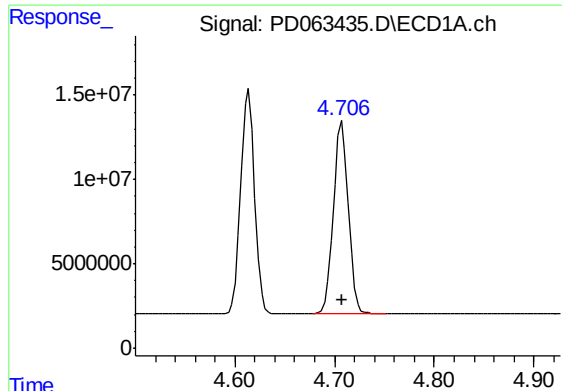
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 123104063
Conc: 63.40 ng/ml



#4 Heptachlor

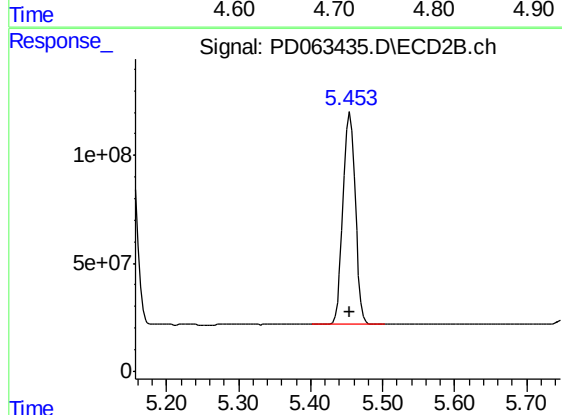
R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 1155124066
Conc: 60.44 ng/ml



#5 Aldrin

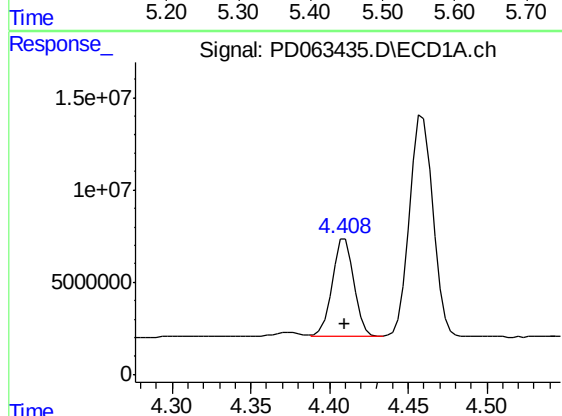
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 118219323
Conc: 62.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B1(0-2)MSD



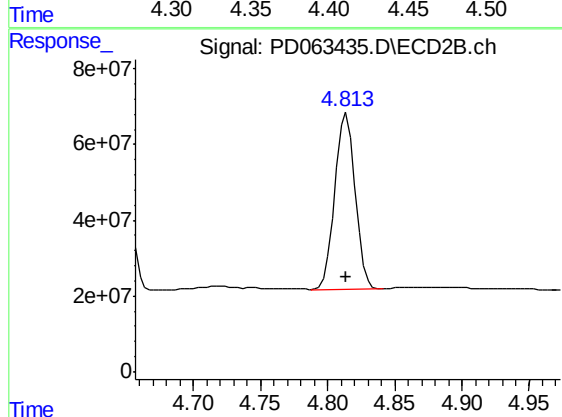
#5 Aldrin

R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 1160945951
Conc: 59.71 ng/ml



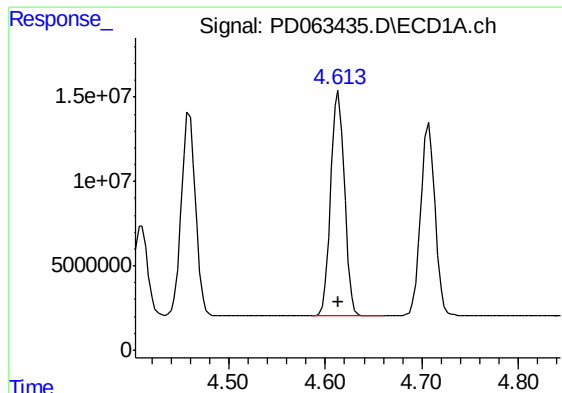
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 52238470
Conc: 60.05 ng/ml



#6 beta-BHC

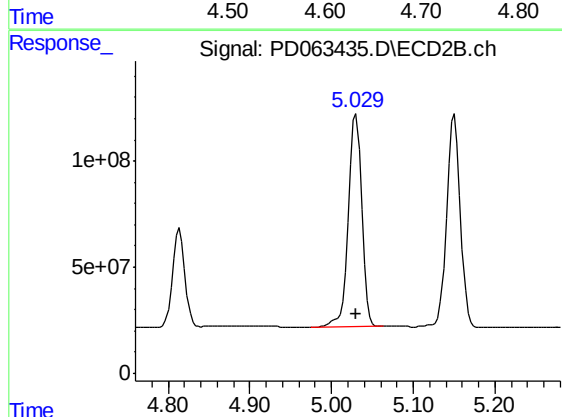
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 489267500
Conc: 62.14 ng/ml



#7 delta-BHC

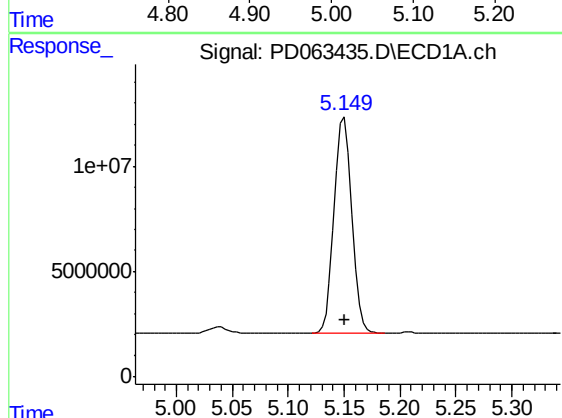
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 128672807
Conc: 65.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B1(0-2)MSD



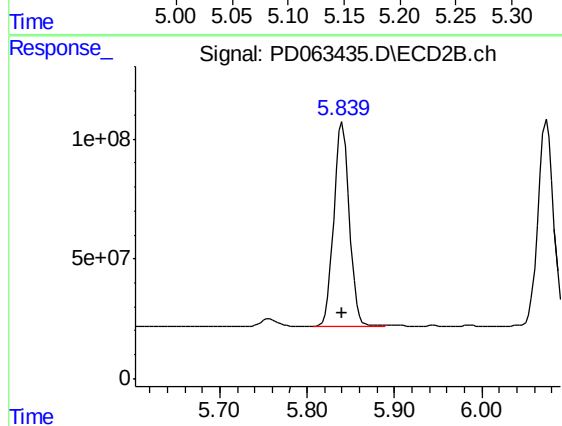
#7 delta-BHC

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 1138082170
Conc: 61.33 ng/ml



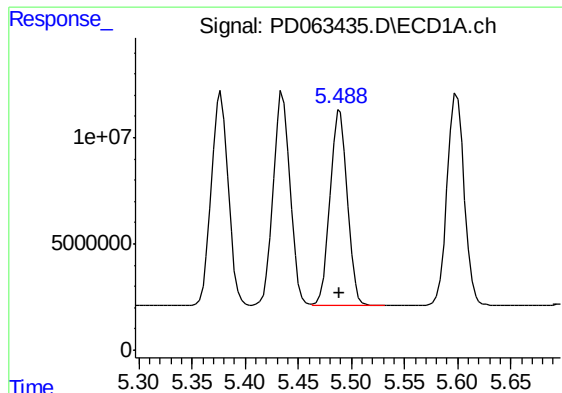
#8 Heptachlor epoxide

R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 111373416
Conc: 63.56 ng/ml



#8 Heptachlor epoxide

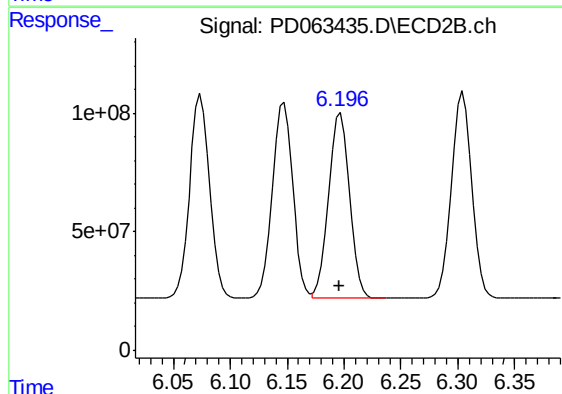
R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 1046008931
Conc: 57.22 ng/ml



#9 Endosulfan I

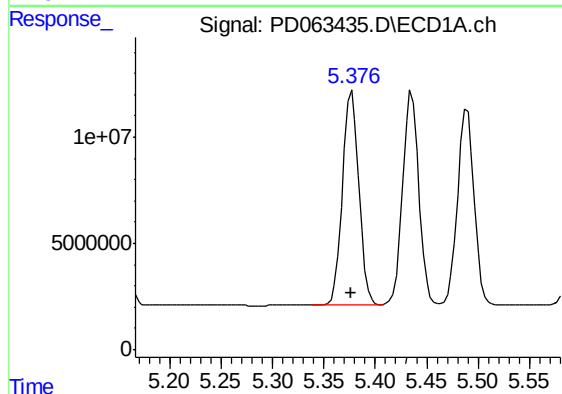
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 104147822
Conc: 63.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B1(0-2)MSD



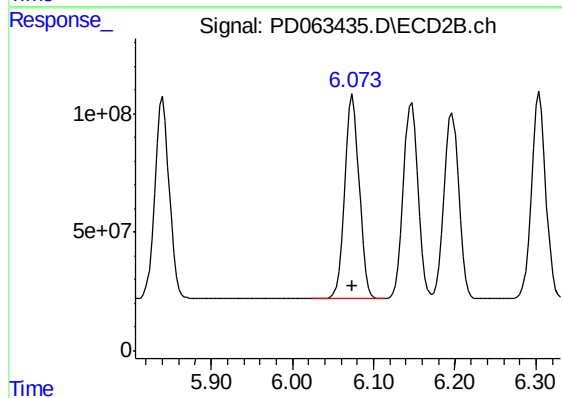
#9 Endosulfan I

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 995073881
Conc: 58.40 ng/ml



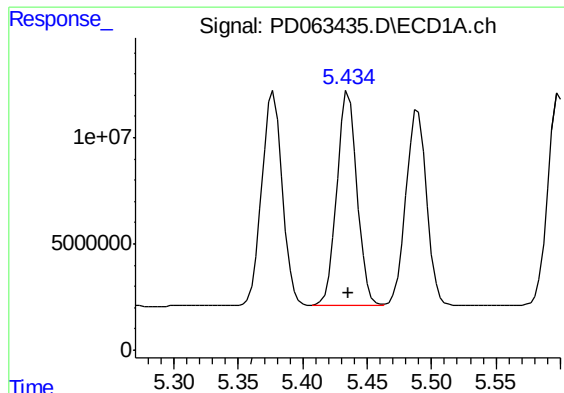
#10 gamma-Chlordane

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 112596933
Conc: 63.05 ng/ml



#10 gamma-Chlordane

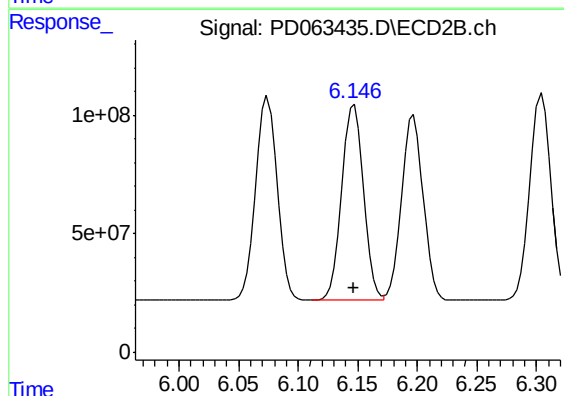
R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 1074736266
Conc: 57.85 ng/ml



#11 alpha-Chlordane

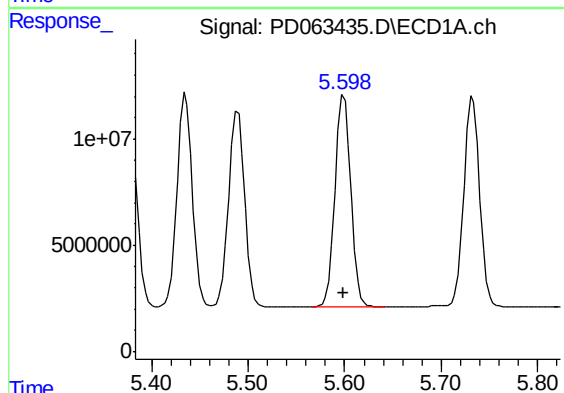
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 110776679
Conc: 62.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B1(0-2)MSD



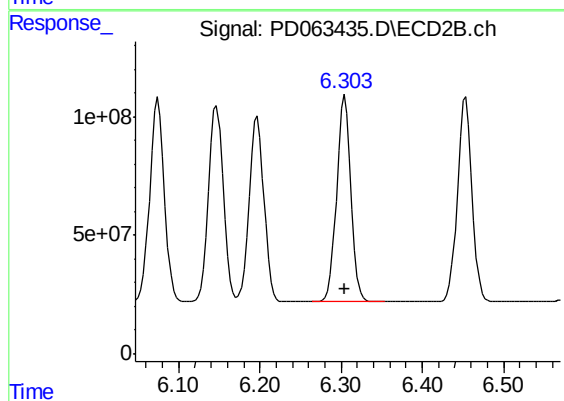
#11 alpha-Chlordane

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 1043764201
Conc: 58.71 ng/ml



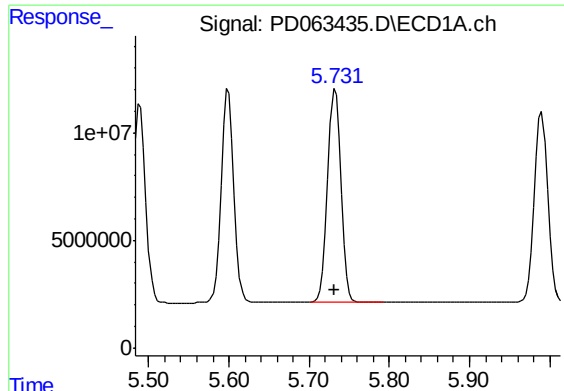
#12 4,4'-DDE

R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 110078589
Conc: 63.31 ng/ml



#12 4,4'-DDE

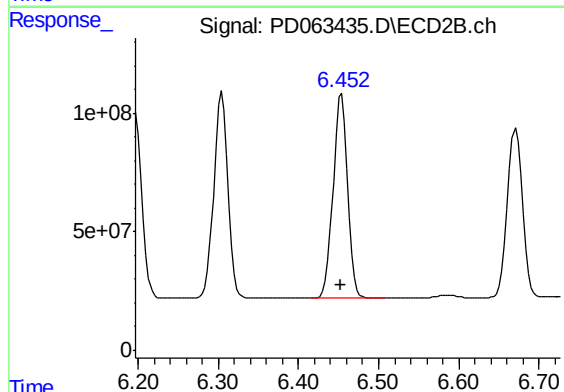
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 1067851851
Conc: 58.76 ng/ml



#13 Dieldrin

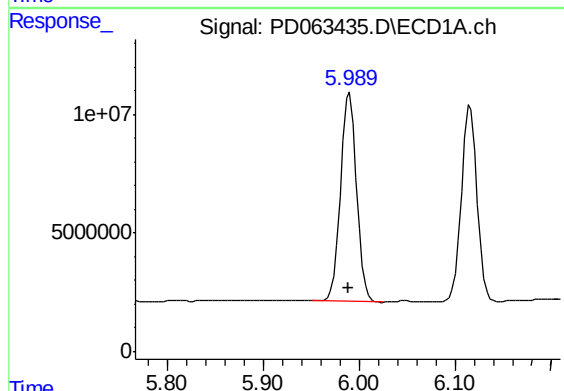
R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 111984875
Conc: 63.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B1(0-2)MSD



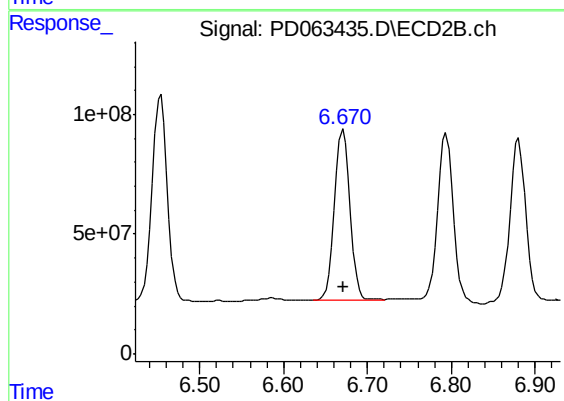
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 1084604042
Conc: 59.92 ng/ml



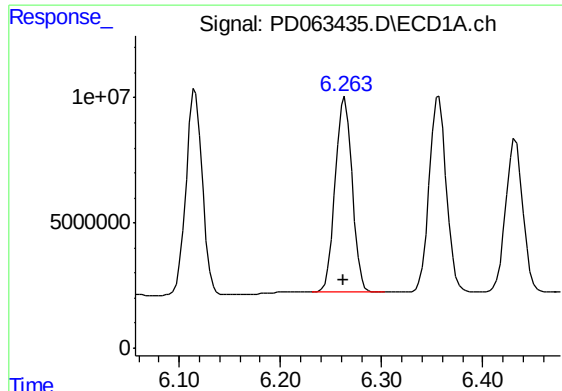
#14 Endrin

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 102031979
Conc: 64.15 ng/ml



#14 Endrin

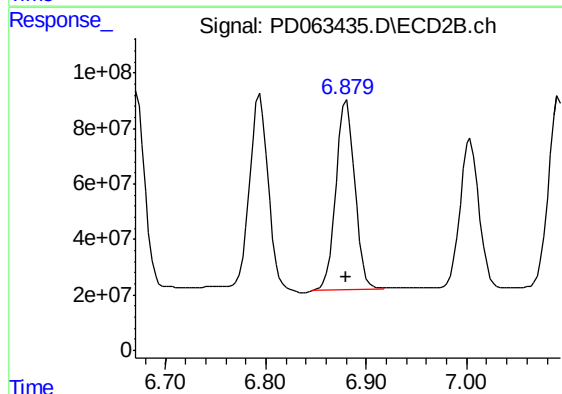
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 915211525
Conc: 59.54 ng/ml



#15 Endosulfan II

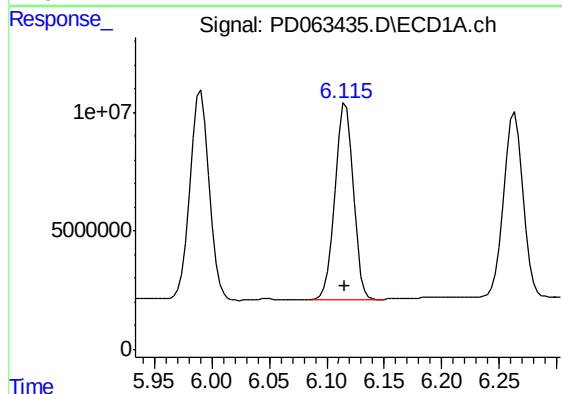
R.T.: 6.264 min
Delta R.T.: 0.001 min
Response: 90471562
Conc: 64.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B1(0-2)MSD



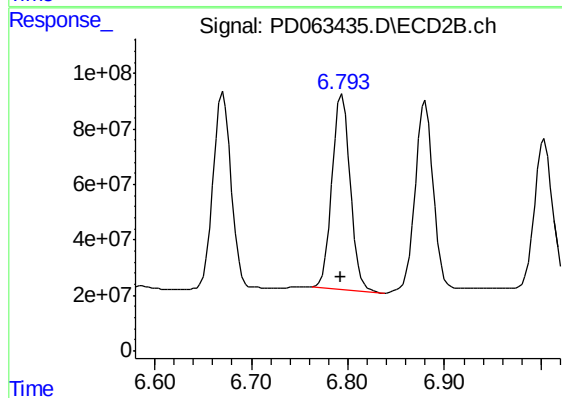
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 887041262
Conc: 60.15 ng/ml



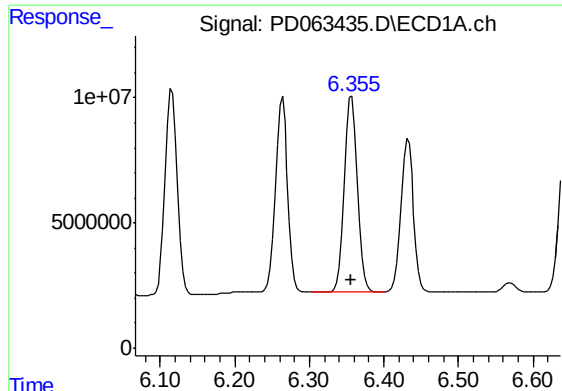
#16 4,4'-DDD

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 92601602
Conc: 63.85 ng/ml



#16 4,4'-DDD

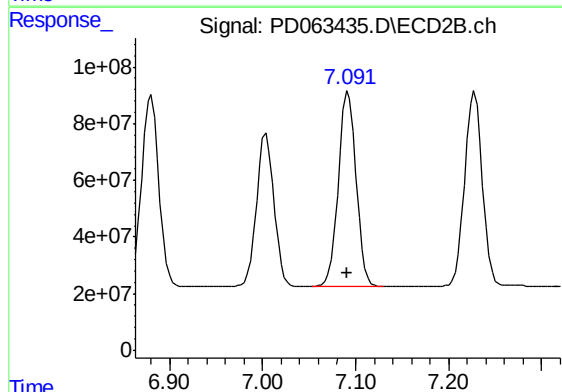
R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 902408469
Conc: 60.65 ng/ml



#17 4,4'-DDT

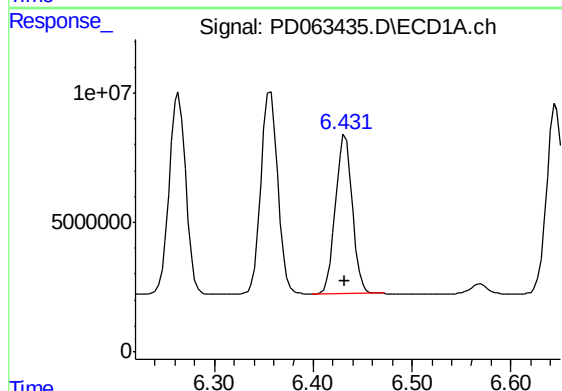
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 92857534
Conc: 64.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B1(0-2)MSD



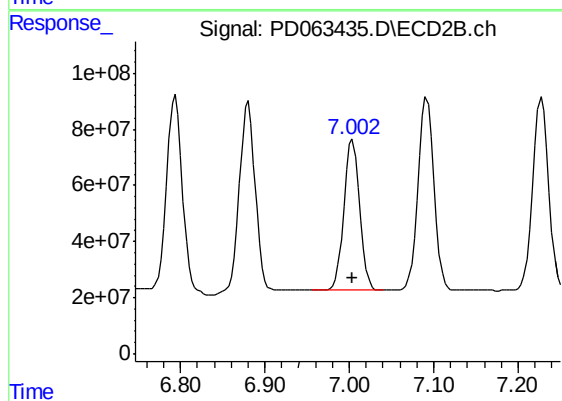
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 904445049
Conc: 60.09 ng/ml



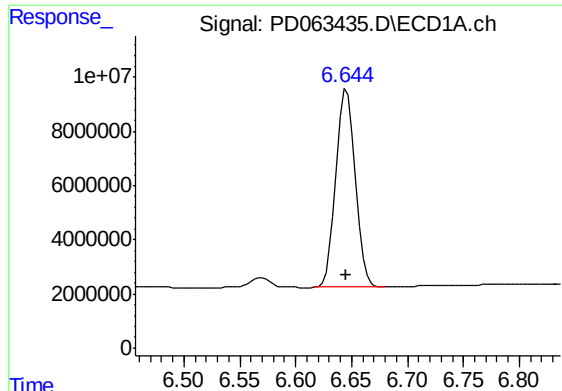
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 72833200
Conc: 61.21 ng/ml



#18 Endrin aldehyde

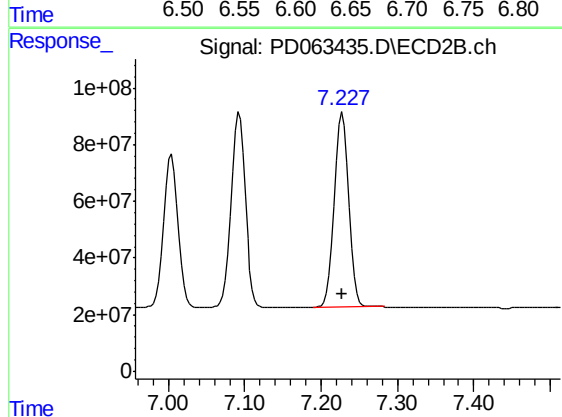
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 695418566
Conc: 57.40 ng/ml



#19 Endosulfan Sulfate

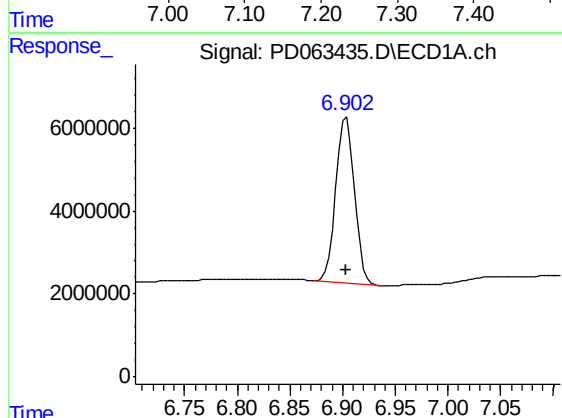
R.T.: 6.646 min
Delta R.T.: 0.000 min
Response: 86845627
Conc: 67.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B1(0-2)MSD



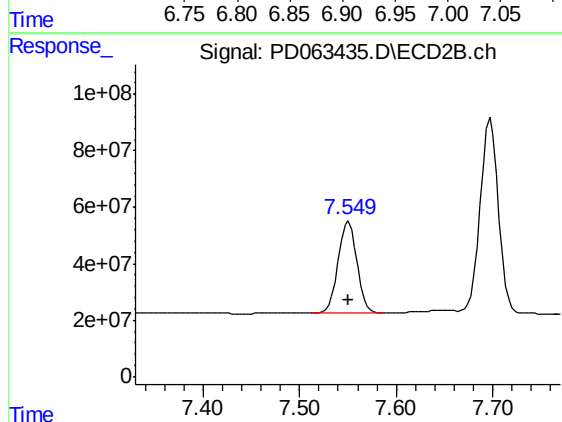
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.001 min
Response: 899551376
Conc: 59.32 ng/ml



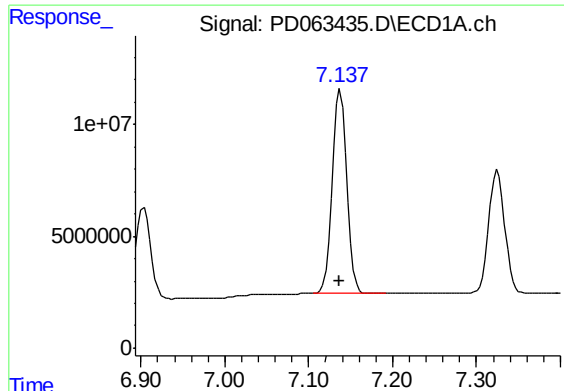
#20 Methoxychlor

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 49423223
Conc: 61.97 ng/ml



#20 Methoxychlor

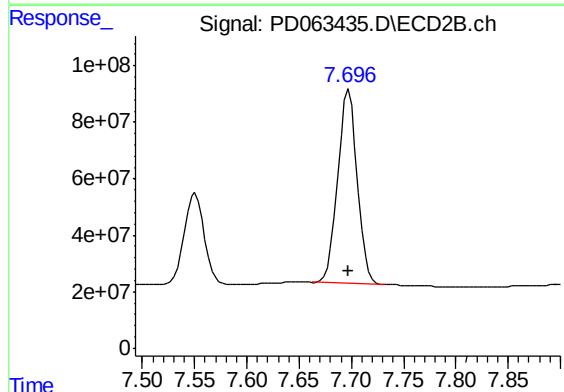
R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 428036646
Conc: 57.79 ng/ml



#21 Endrin ketone

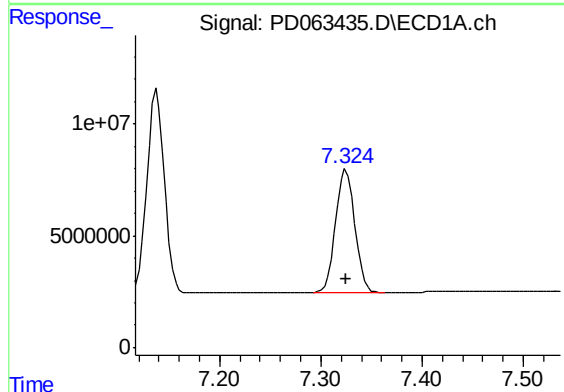
R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 110285352
Conc: 62.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B1(0-2)MSD



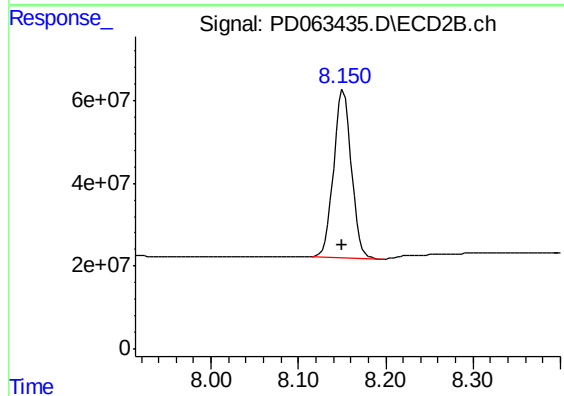
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 893636687
Conc: 61.12 ng/ml



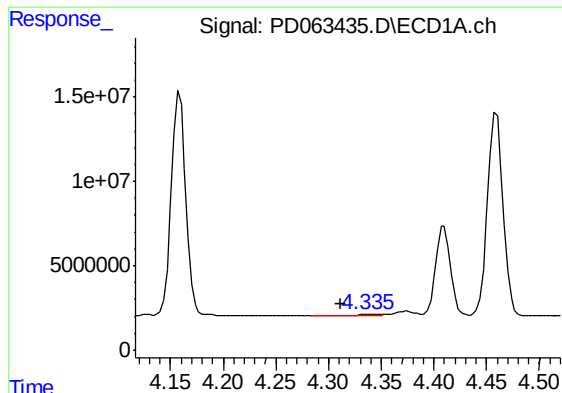
#22 Mirex

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 72175579
Conc: 62.87 ng/ml



#22 Mirex

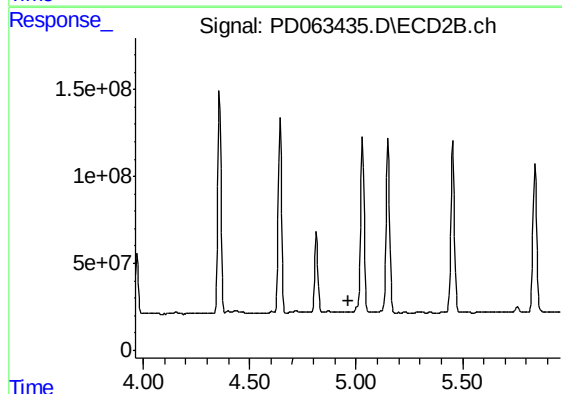
R.T.: 8.152 min
Delta R.T.: 0.002 min
Response: 571229611
Conc: 57.13 ng/ml



#23 Chlordane-1

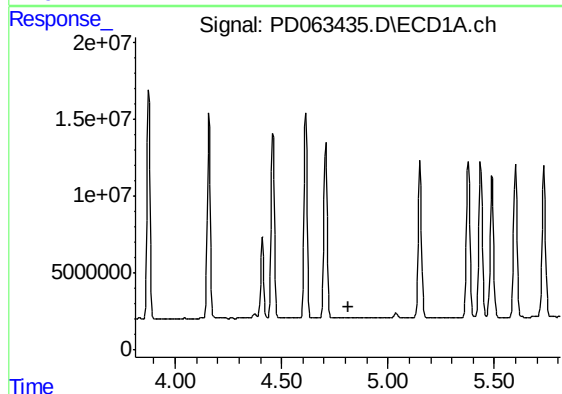
R.T.: 4.337 min
Delta R.T.: 0.025 min
Response: 1207520
Conc: 24.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B1(0-2)MSD



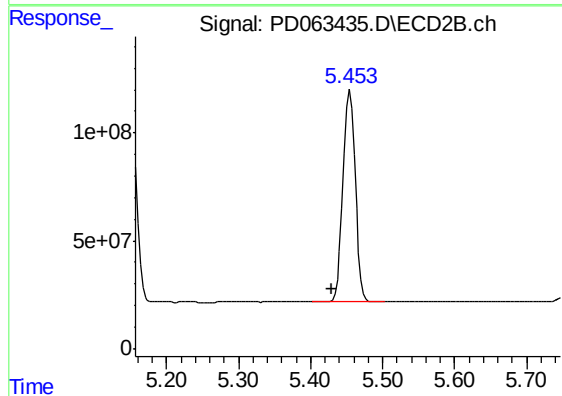
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



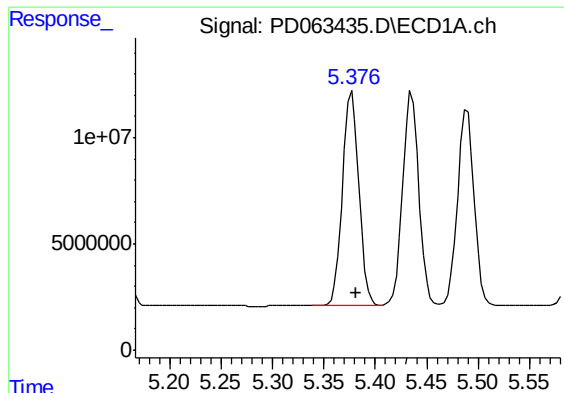
#24 Chlordane-2

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



#24 Chlordane-2

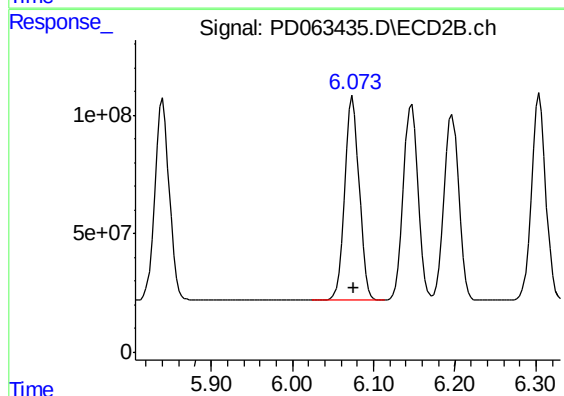
R.T.: 5.455 min
Delta R.T.: 0.025 min
Response: 1160945951
Conc: 2075.09 ng/ml



#25 Chlordane-3

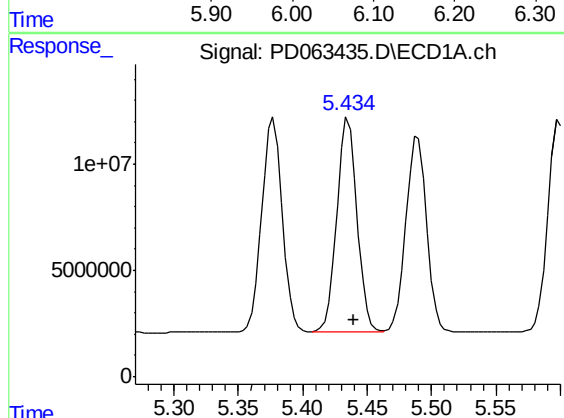
R.T.: 5.377 min
Delta R.T.: -0.005 min
Response: 112596933
Conc: 661.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B1(0-2)MSD



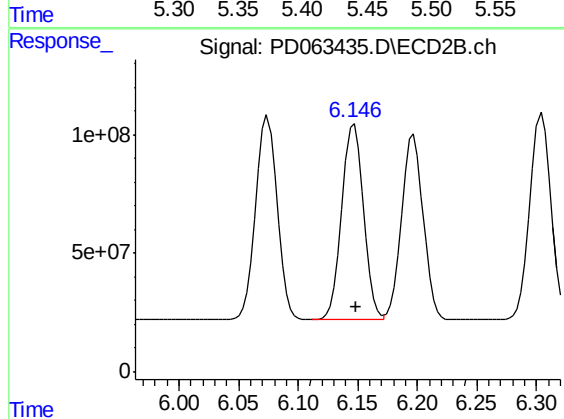
#25 Chlordane-3

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 1074736266
Conc: 435.01 ng/ml



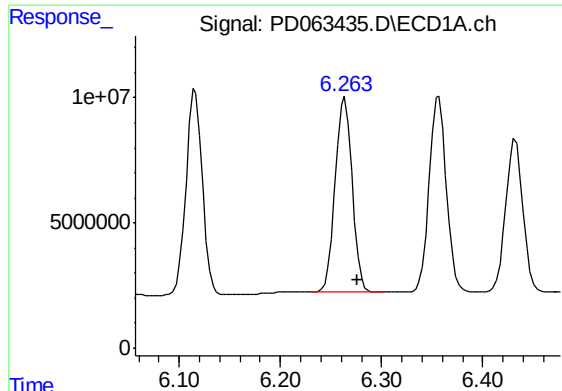
#26 Chlordane-4

R.T.: 5.436 min
Delta R.T.: -0.004 min
Response: 110776679
Conc: 794.77 ng/ml



#26 Chlordane-4

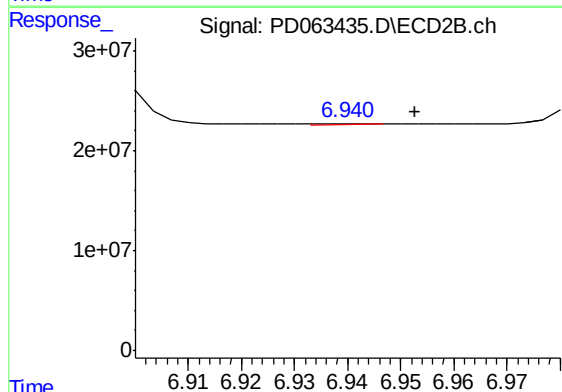
R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 1043764201
Conc: 365.17 ng/ml



#27 Chlordane-5

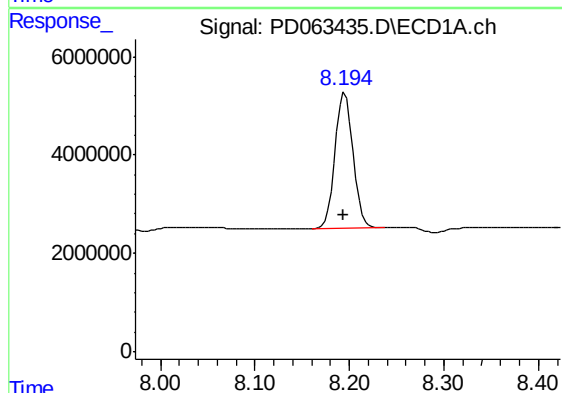
R.T.: 6.264 min
Delta R.T.: -0.012 min
Response: 90471562
Conc: 1634.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B1(0-2)MSD



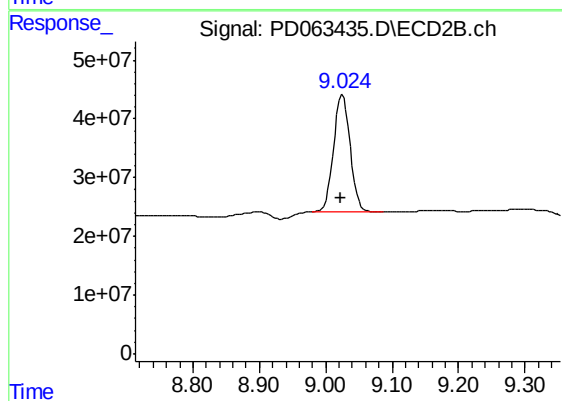
#27 Chlordane-5

R.T.: 6.941 min
Delta R.T.: -0.012 min
Response: 673047
Conc: 1.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.001 min
Response: 36451863
Conc: 23.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.002 min
Response: 347003555
Conc: 25.11 ng/ml