

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060921\
 Data File : PD063688.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2021 17:36
 Operator : AR\AJ
 Sample : M2613-14MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 18-B12(86-90)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 07:36:00 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...	3.439	3.971	26248183	278.8E6	18.969	20.809
28)	SA Decachlor...	8.194	9.025	30830551	267.0E6	19.604	19.324
Target Compounds							
2)	A alpha-BHC	3.875	4.359	110.4E6	1074.7E6	52.815	51.989
3)	MA gamma-BHC...	4.158	4.643	104.5E6	999.9E6	53.218	52.719
4)	MA Heptachlor	4.458	5.150	92136799	900.6E6	47.454	47.125
5)	MB Aldrin	4.706	5.454	88220830	903.8E6	46.681	46.480
6)	B beta-BHC	4.409	4.814	44803157	424.7E6	51.500	53.945
7)	B delta-BHC	4.613	5.030	86624458	807.4E6	44.168	42.495
8)	B Heptachlor...	5.149	5.840	91937961	890.4E6	52.465	48.707
9)	A Endosulfan I	5.488	6.196	86374408	876.3E6	52.404	51.432
10)	B gamma-Chl...	5.376	6.074	92350530	935.3E6	51.712	50.349
11)	B alpha-Chl...	5.434	6.147	90563940	898.6E6	51.216	50.543
12)	B 4,4'-DDE	5.598	6.303	91722895	927.7E6	52.752	51.050
13)	MA Dieldrin	5.731	6.453	95701051	954.0E6	54.487	52.701
14)	MA Endrin	5.989	6.671	80805458	747.8E6	50.807	48.650
15)	B Endosulfa...	6.262	6.880	80183012	789.2E6	57.189	53.522
16)	A 4,4'-DDD	6.115	6.794	78415745	774.8E6	54.071	52.071
17)	MA 4,4'-DDT	6.356	7.092	74046953	711.1E6	51.254	47.244
18)	B Endrin al...	6.431	7.004	70564292	676.1E6	59.306	55.799
19)	B Endosulfa...	6.645	7.228	74624879	779.3E6	58.391	51.389
20)	A Methoxychlor	6.903	7.551	40331587	352.7E6	50.568	47.625
21)	B Endrin ke...	7.137	7.697	100.4E6	768.2E6	56.608	52.535
22)	Mirex	7.324	8.151	65224216	489.8E6	56.818	48.983
24)	Chlordane-2	0.000	5.454f	0	903.8E6	N.D.	1615.379 #
25)	Chlordane-3	5.376	6.074	92350530	935.3E6	542.955	378.576 #
26)	Chlordane-4	5.434	6.147	90563940	898.6E6	649.755	314.370 #
27)	Chlordane-5	6.262	6.934f	80183012	1847297	1448.470	3.535 #

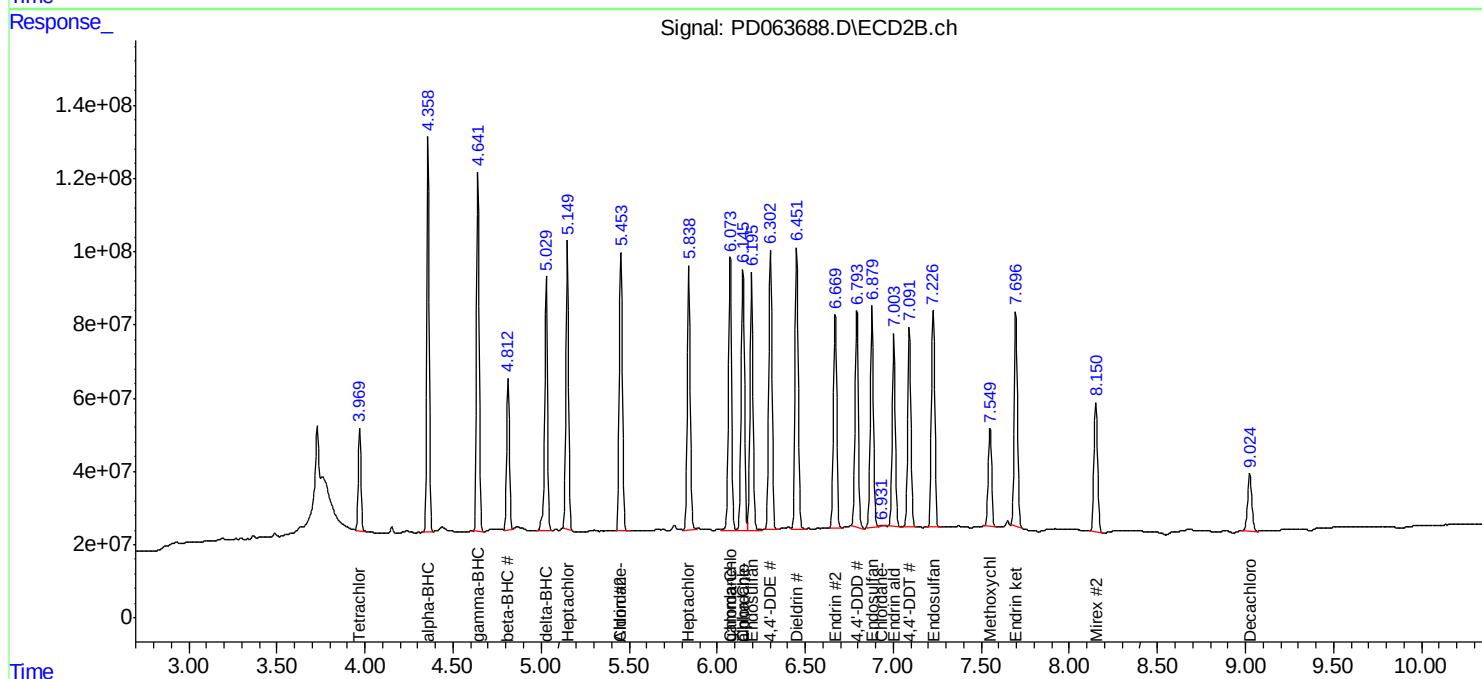
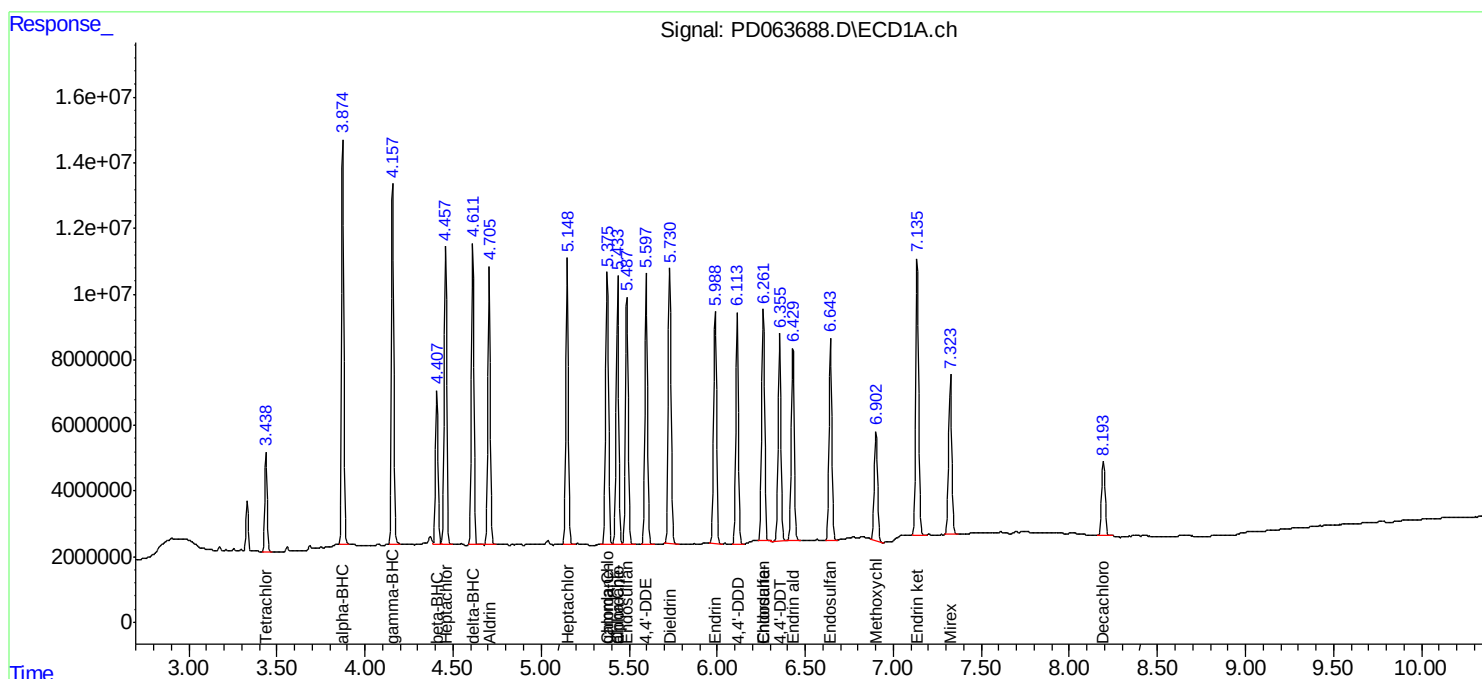
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

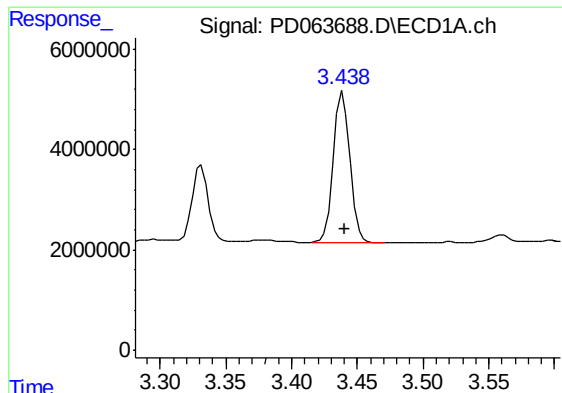
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060921\
Data File : PD063688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2021 17:36
Operator : AR\AJ
Sample : M2613-14MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 07:36:00 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

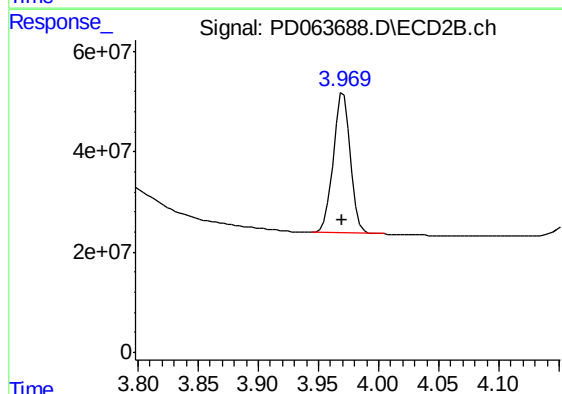




#1 Tetrachloro-m-xylene

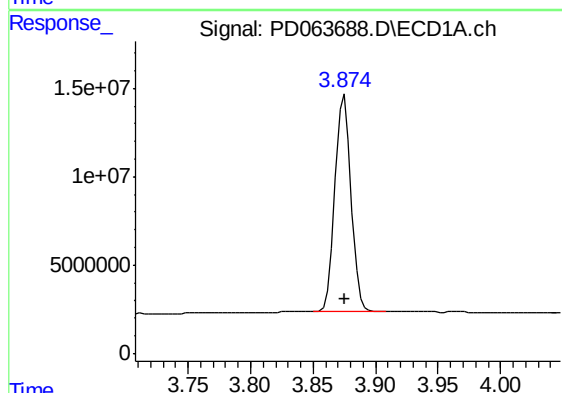
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 26248183
Conc: 18.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD



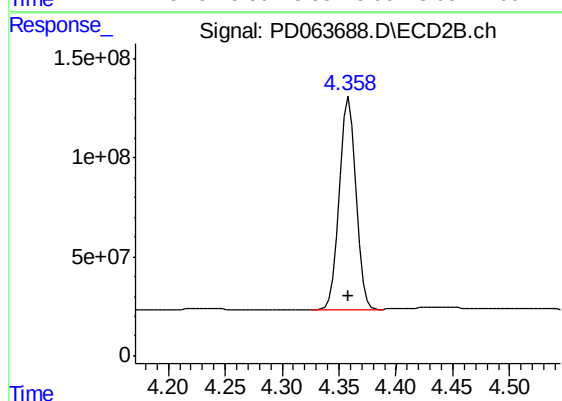
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 278813831
Conc: 20.81 ng/ml



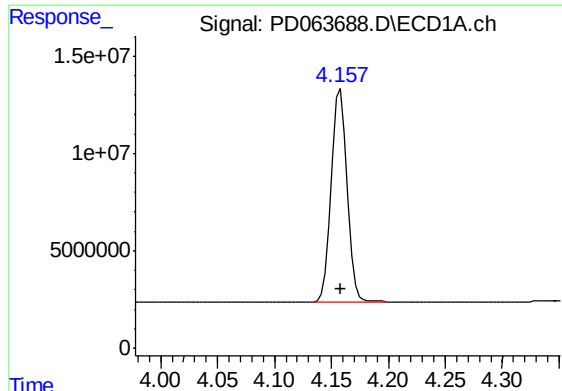
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: 0.000 min
Response: 110428649
Conc: 52.81 ng/ml



#2 alpha-BHC

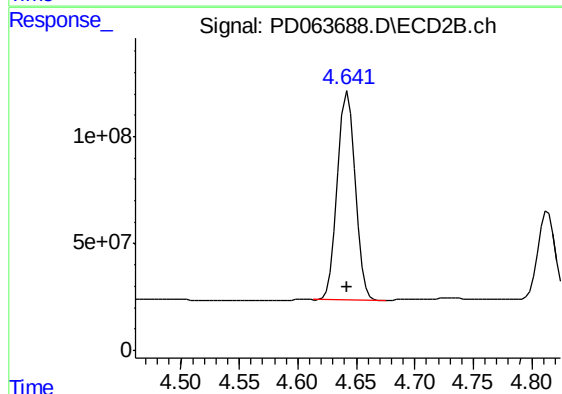
R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 1074651322
Conc: 51.99 ng/ml



#3 gamma-BHC (Lindane)

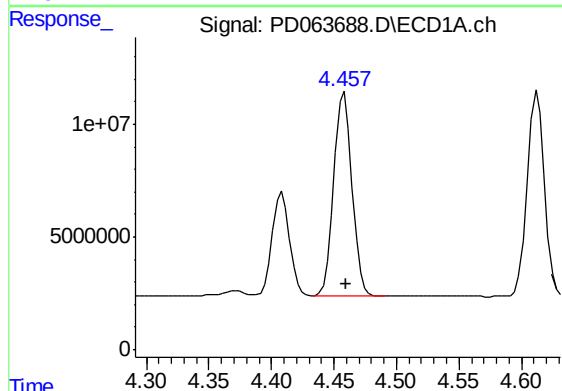
R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 104517404
Conc: 53.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD



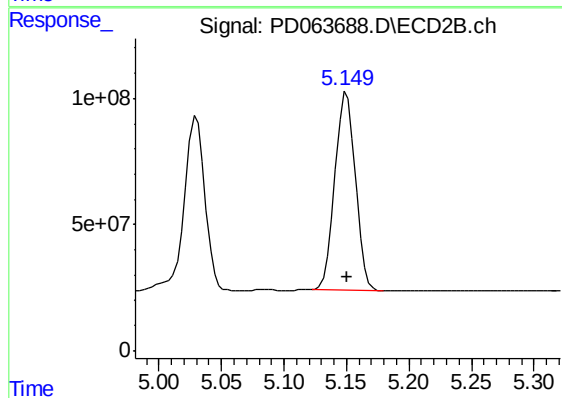
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 999885831
Conc: 52.72 ng/ml



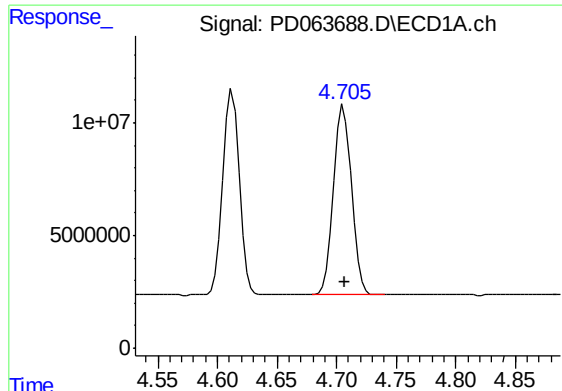
#4 Heptachlor

R.T.: 4.458 min
Delta R.T.: -0.001 min
Response: 92136799
Conc: 47.45 ng/ml



#4 Heptachlor

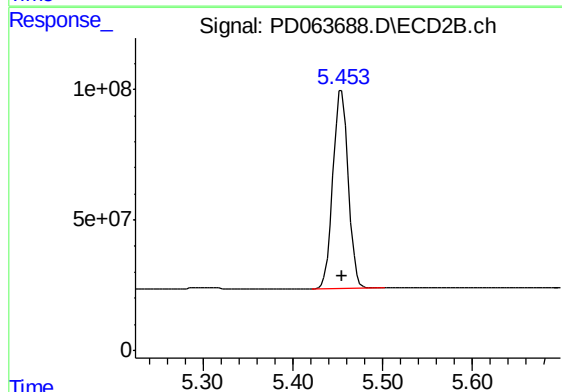
R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 900592339
Conc: 47.13 ng/ml



#5 Aldrin

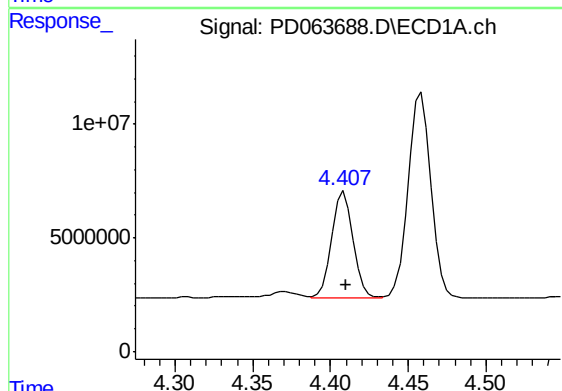
R.T.: 4.706 min
Delta R.T.: -0.001 min
Response: 88220830
Conc: 46.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD



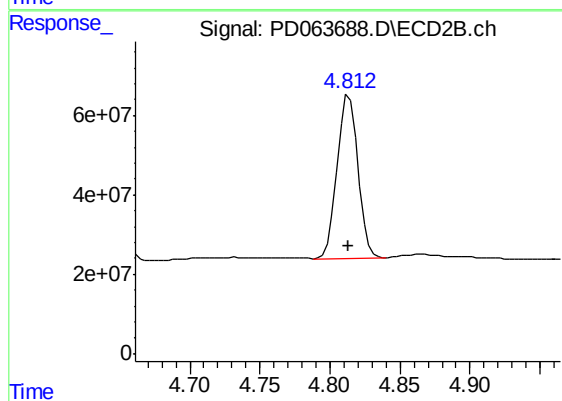
#5 Aldrin

R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 903753721
Conc: 46.48 ng/ml



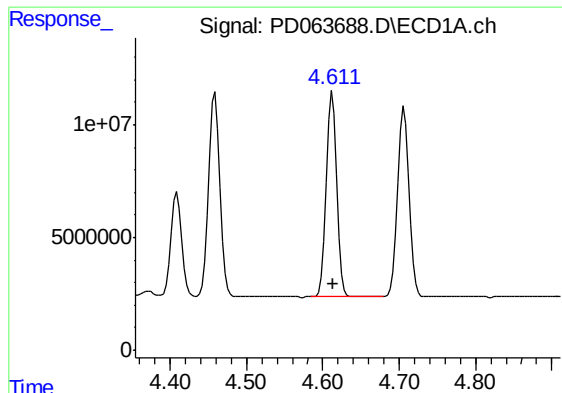
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 44803157
Conc: 51.50 ng/ml



#6 beta-BHC

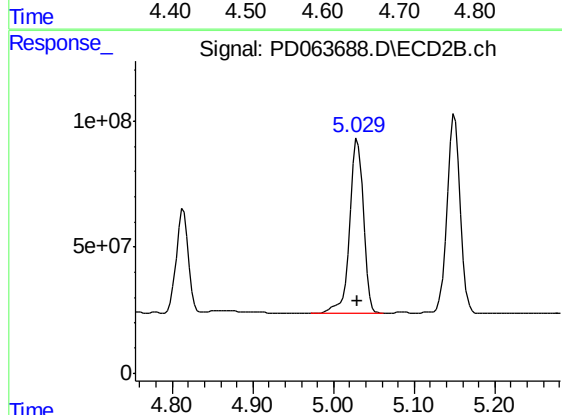
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 424728332
Conc: 53.95 ng/ml



#7 delta-BHC

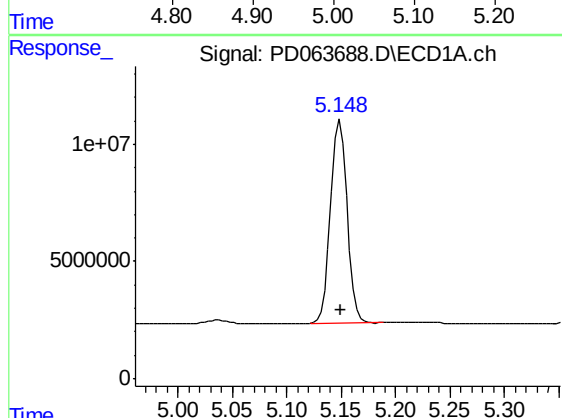
R.T.: 4.613 min
Delta R.T.: 0.000 min
Response: 86624458
Conc: 44.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD



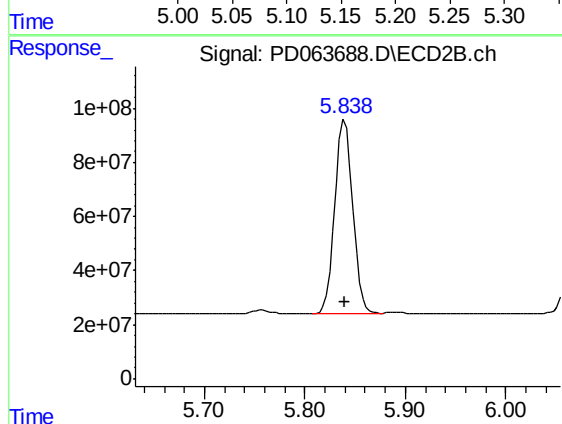
#7 delta-BHC

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 807445354
Conc: 42.49 ng/ml



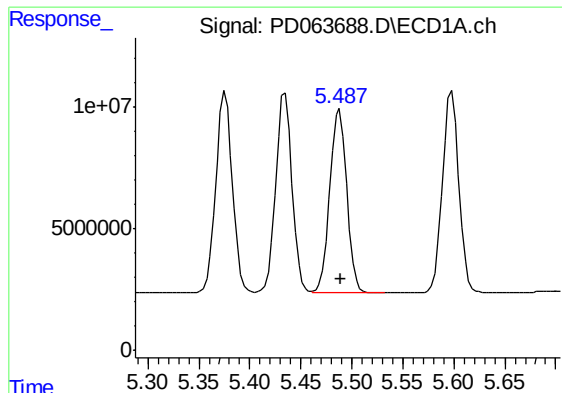
#8 Heptachlor epoxide

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 91937961
Conc: 52.47 ng/ml



#8 Heptachlor epoxide

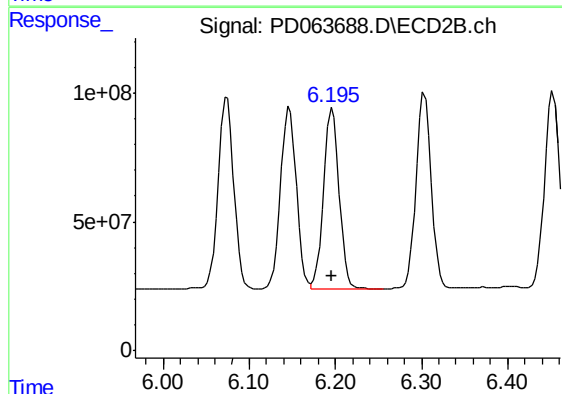
R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 890382615
Conc: 48.71 ng/ml



#9 Endosulfan I

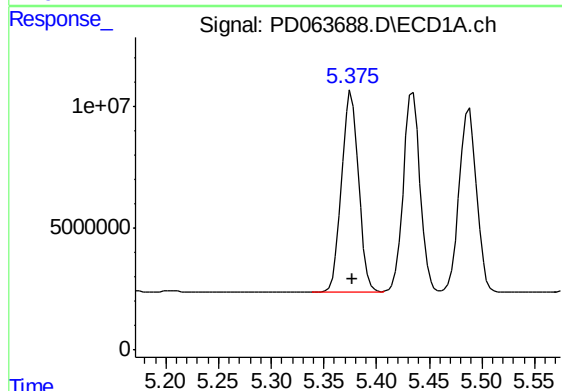
R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 86374408
Conc: 52.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD



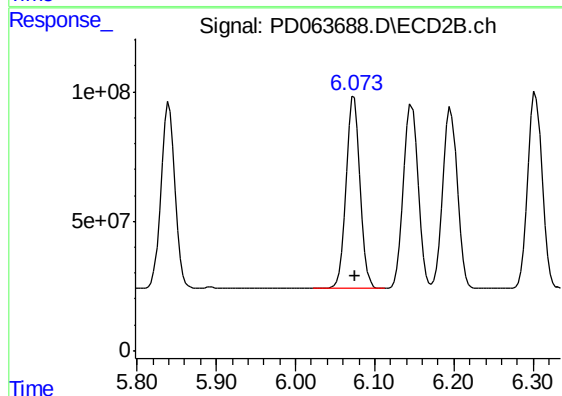
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 876309423
Conc: 51.43 ng/ml



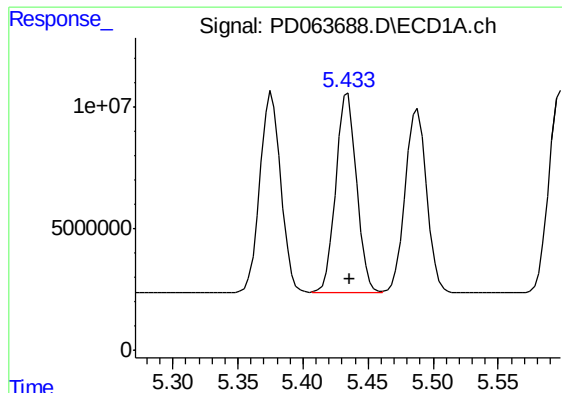
#10 gamma-Chlordane

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 92350530
Conc: 51.71 ng/ml



#10 gamma-Chlordane

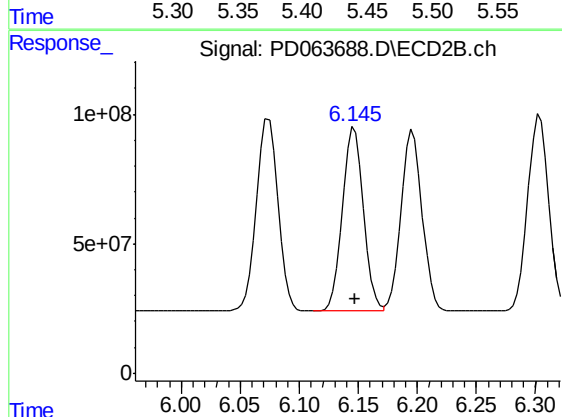
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 935311607
Conc: 50.35 ng/ml



#11 alpha-Chlordane

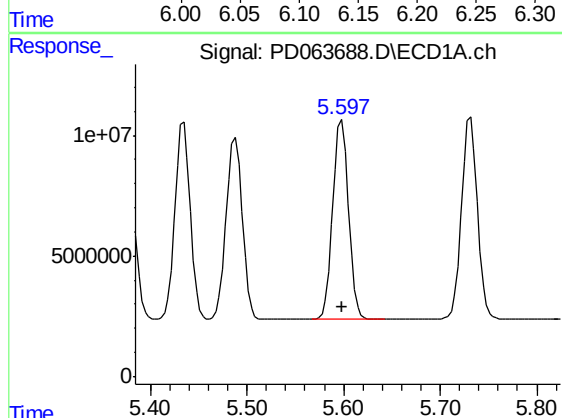
R.T.: 5.434 min
Delta R.T.: -0.001 min
Response: 90563940
Conc: 51.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD



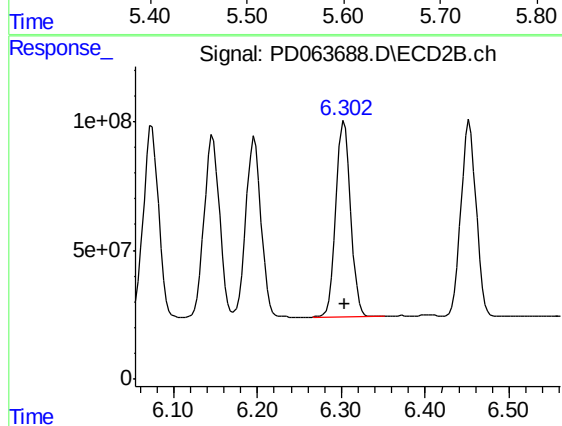
#11 alpha-Chlordane

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 898564108
Conc: 50.54 ng/ml



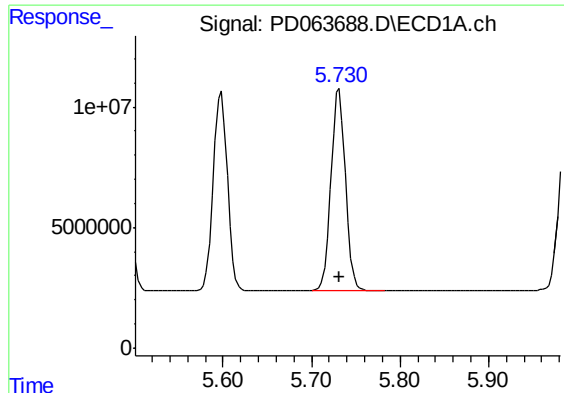
#12 4,4'-DDE

R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 91722895
Conc: 52.75 ng/ml



#12 4,4'-DDE

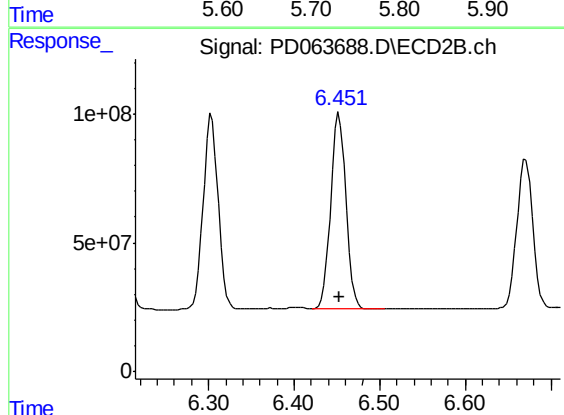
R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 927720455
Conc: 51.05 ng/ml



#13 Dieldrin

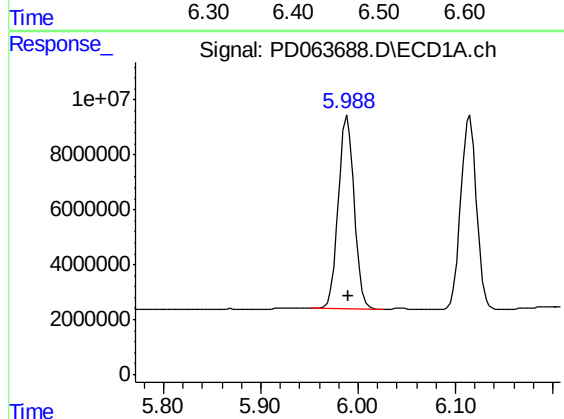
R.T.: 5.731 min
Delta R.T.: -0.001 min
Response: 95701051
Conc: 54.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD



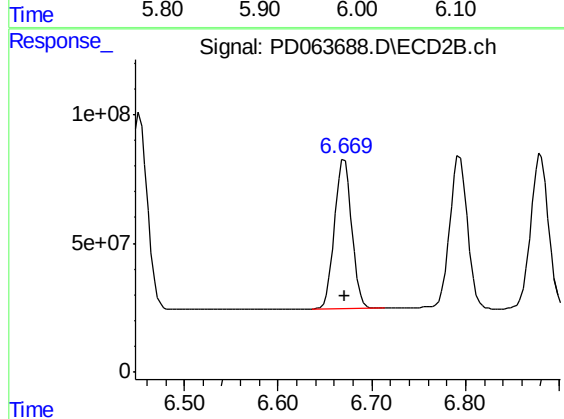
#13 Dieldrin

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 953995114
Conc: 52.70 ng/ml



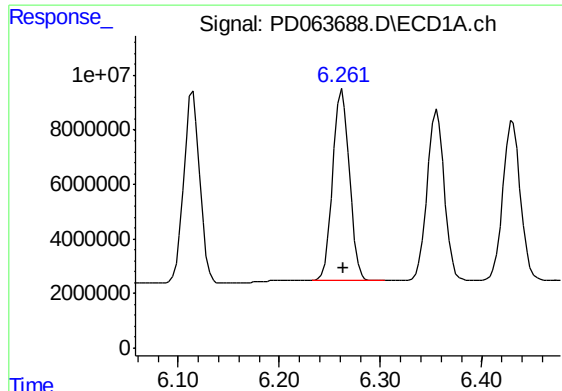
#14 Endrin

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 80805458
Conc: 50.81 ng/ml



#14 Endrin

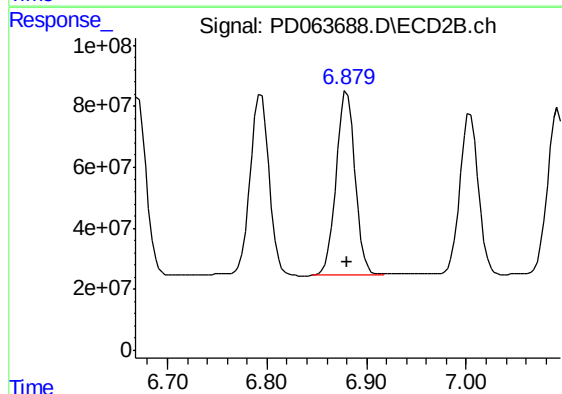
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 747764814
Conc: 48.65 ng/ml



#15 Endosulfan II

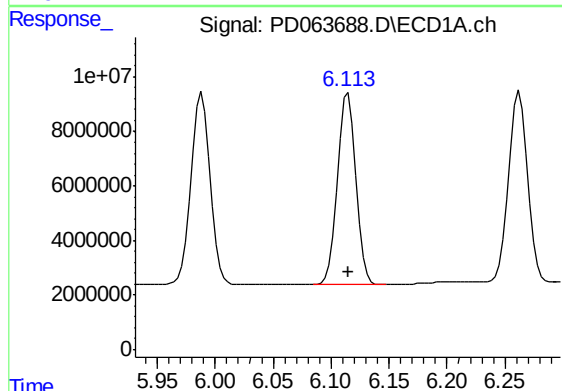
R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 80183012
Conc: 57.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD



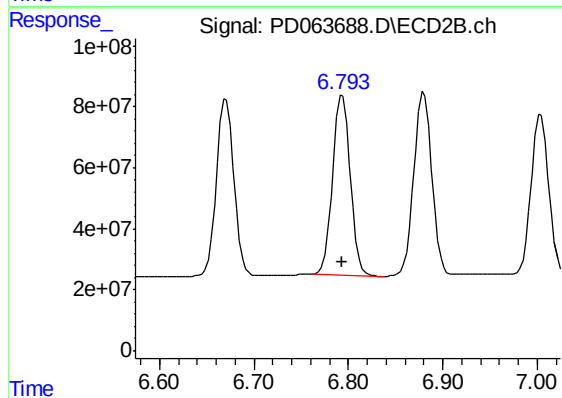
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 789237286
Conc: 53.52 ng/ml



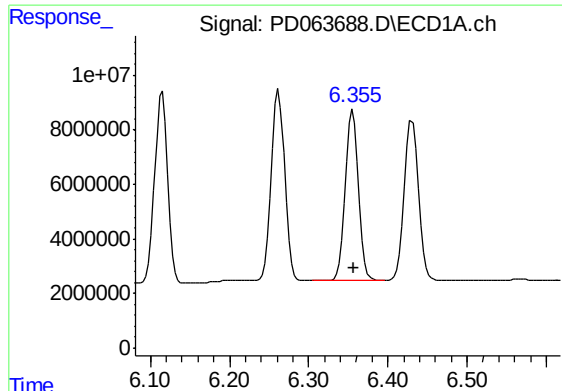
#16 4,4'-DDD

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 78415745
Conc: 54.07 ng/ml



#16 4,4'-DDD

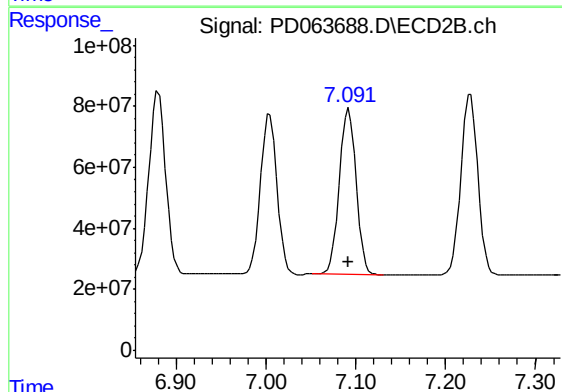
R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 774757134
Conc: 52.07 ng/ml



#17 4,4'-DDT

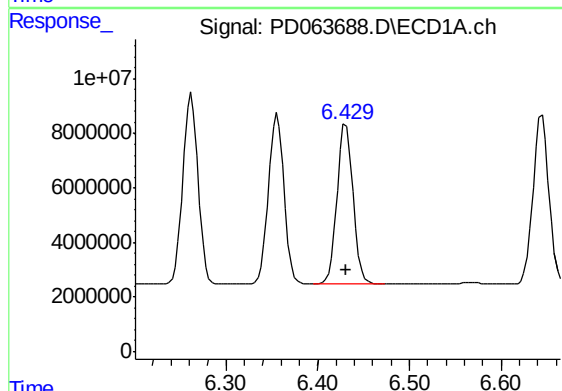
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 74046953
Conc: 51.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD



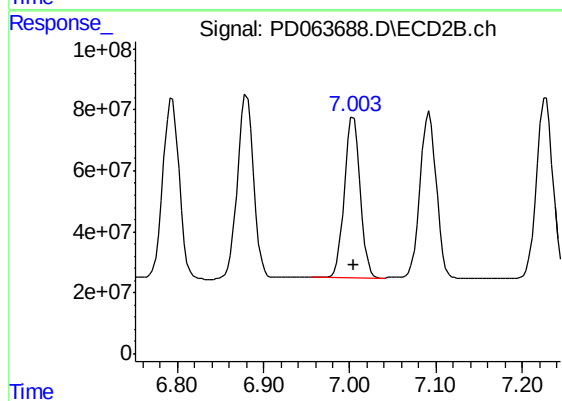
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 711121597
Conc: 47.24 ng/ml



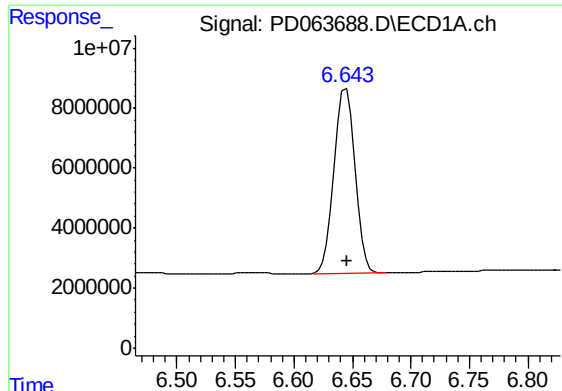
#18 Endrin aldehyde

R.T.: 6.431 min
Delta R.T.: 0.000 min
Response: 70564292
Conc: 59.31 ng/ml



#18 Endrin aldehyde

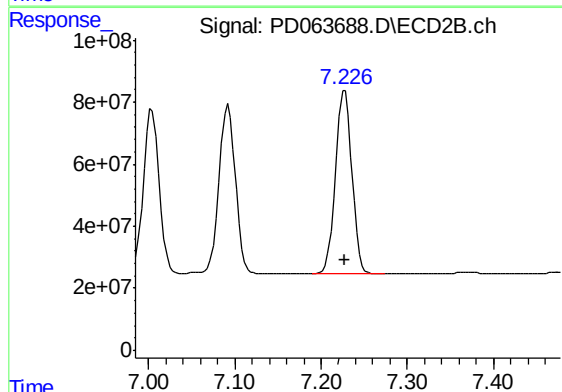
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 676068911
Conc: 55.80 ng/ml



#19 Endosulfan Sulfate

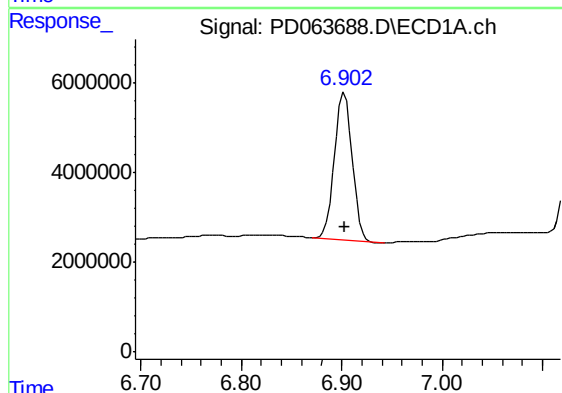
R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 74624879
Conc: 58.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD



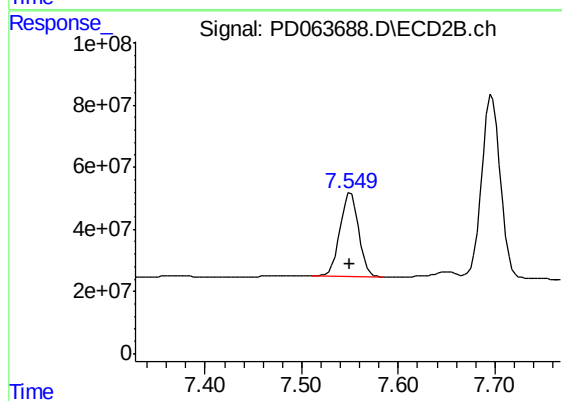
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 779283972
Conc: 51.39 ng/ml



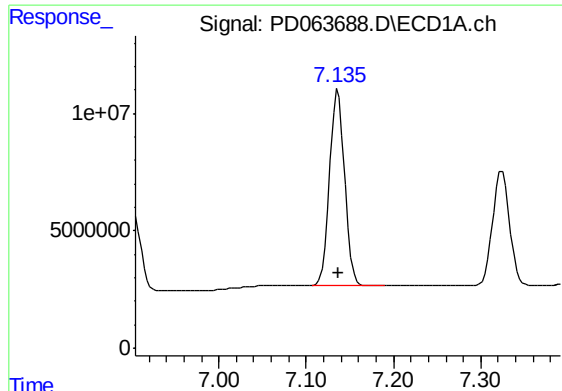
#20 Methoxychlor

R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 40331587
Conc: 50.57 ng/ml



#20 Methoxychlor

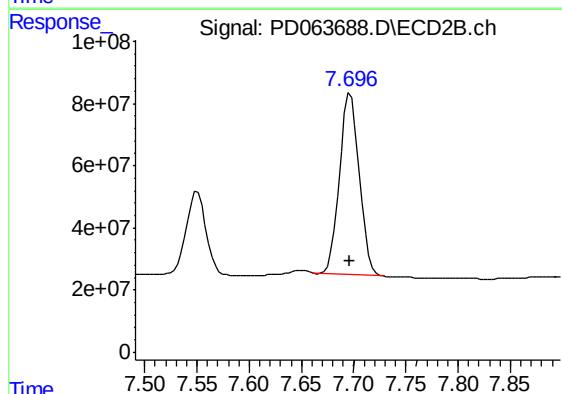
R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 352743046
Conc: 47.63 ng/ml



#21 Endrin ketone

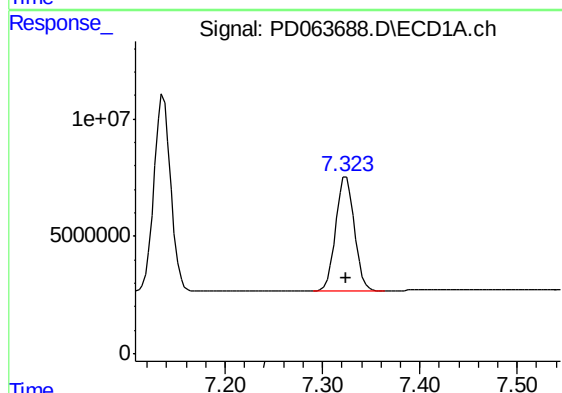
R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 100427833
Conc: 56.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD



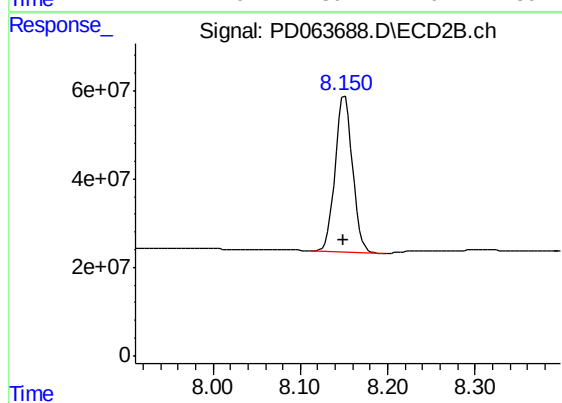
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 768173029
Conc: 52.53 ng/ml



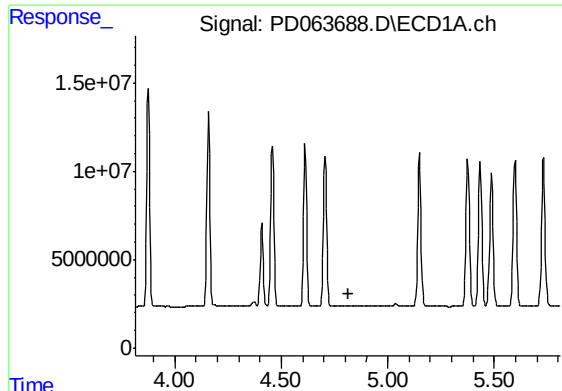
#22 Mirex

R.T.: 7.324 min
Delta R.T.: 0.000 min
Response: 65224216
Conc: 56.82 ng/ml



#22 Mirex

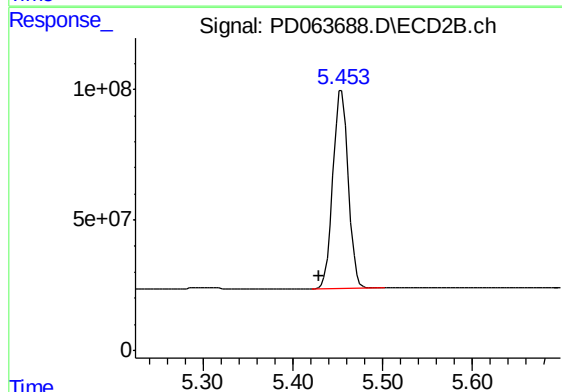
R.T.: 8.151 min
Delta R.T.: 0.001 min
Response: 489782946
Conc: 48.98 ng/ml



#24 Chlordane-2

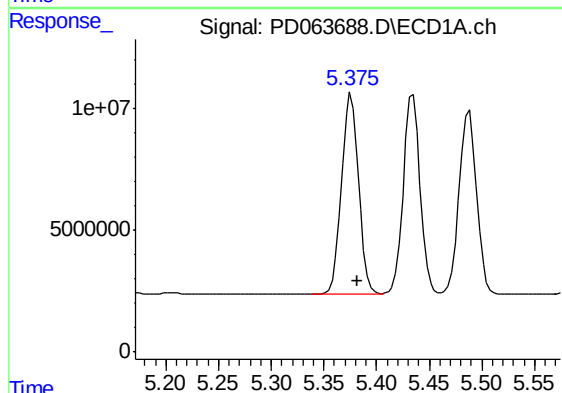
R.T.: 0.000 min
Exp R.T.: 4.813 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD



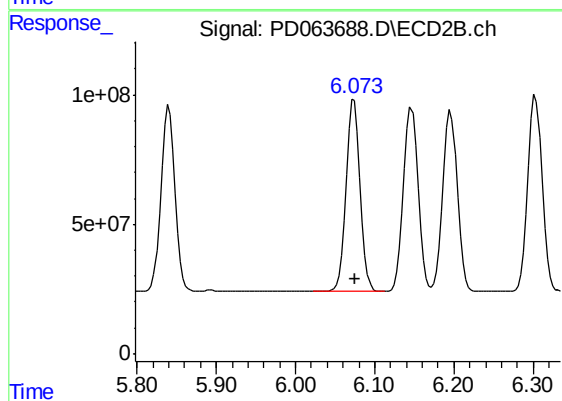
#24 Chlordane-2

R.T.: 5.454 min
Delta R.T.: 0.025 min
Response: 903753721
Conc: 1615.38 ng/ml



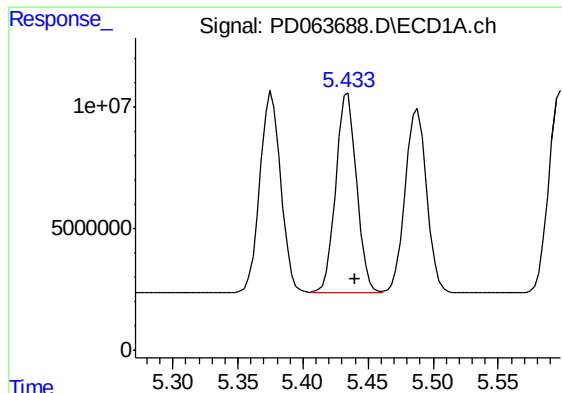
#25 Chlordane-3

R.T.: 5.376 min
Delta R.T.: -0.006 min
Response: 92350530
Conc: 542.95 ng/ml



#25 Chlordane-3

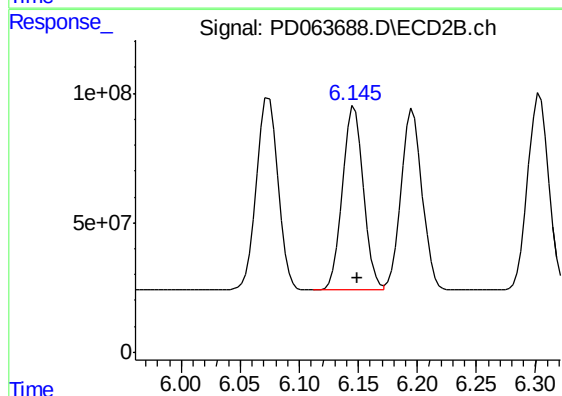
R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 935311607
Conc: 378.58 ng/ml



#26 Chlordane-4

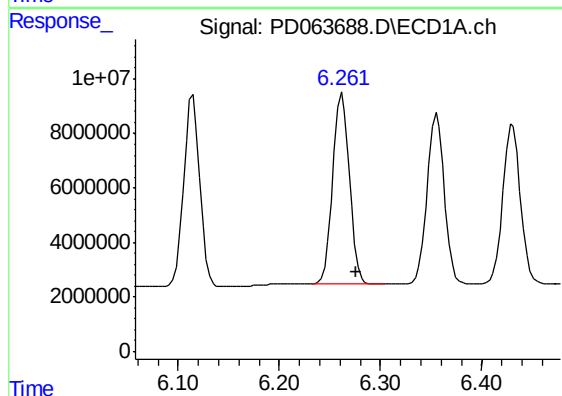
R.T.: 5.434 min
Delta R.T.: -0.005 min
Response: 90563940
Conc: 649.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD



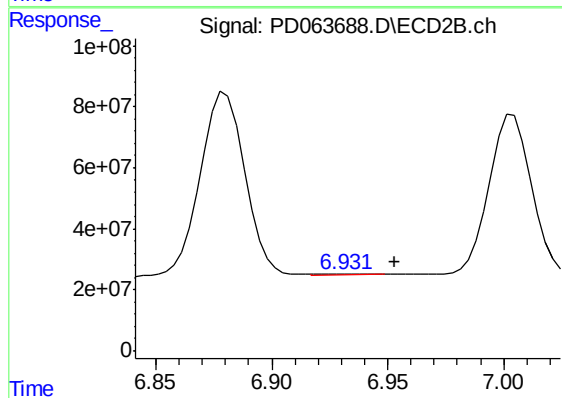
#26 Chlordane-4

R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 898564108
Conc: 314.37 ng/ml



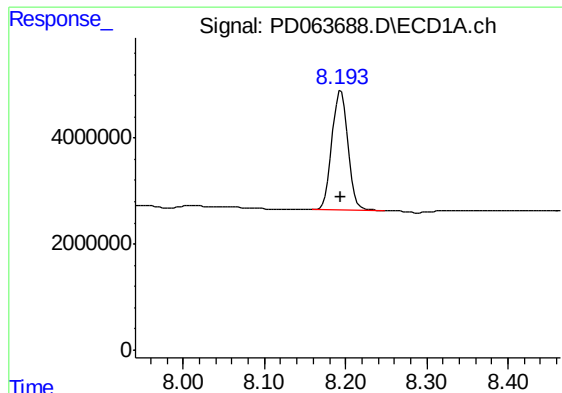
#27 Chlordane-5

R.T.: 6.262 min
Delta R.T.: -0.013 min
Response: 80183012
Conc: 1448.47 ng/ml



#27 Chlordane-5

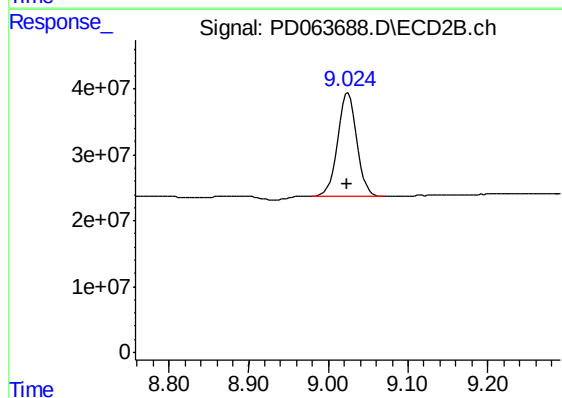
R.T.: 6.934 min
Delta R.T.: -0.019 min
Response: 1847297
Conc: 3.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 30830551
Conc: 19.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(86-90)MSD



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.001 min
Response: 267033403
Conc: 19.32 ng/ml