

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060721\
 Data File : PD063581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2021 23:45
 Operator : AR\AJ
 Sample : M2612-16MSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 18-B12(66-70)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 04:24:36 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	3.970	29958510	317.2E6	21.650	23.675
28)	SA Decachlor...	8.194	9.024	29573272	265.4E6	18.804	19.207
Target Compounds							
2)	A alpha-BHC	3.875	4.358	111.2E6	1102.7E6	53.188	53.347
3)	MA gamma-BHC...	4.158	4.642	103.8E6	1019.9E6	52.856	53.776
4)	MA Heptachlor	4.459	5.149	100.8E6	1002.5E6	51.915	52.460
5)	MB Aldrin	4.706	5.454	96596880	1012.2E6	51.113	52.059
6)	B beta-BHC	4.409	4.813	45484216	433.6E6	52.283	55.075
7)	B delta-BHC	4.613	5.029	96219167	982.8E6	49.060	52.482
8)	B Heptachlo...	5.149	5.840	90579755	932.2E6	51.690	50.993
9)	A Endosulfan I	5.488	6.196	85307496	888.1E6	51.756	52.124
10)	B gamma-Chl...	5.376	6.074	93037395	948.6E6	52.097	51.063
11)	B alpha-Chl...	5.435	6.146	90841904	929.6E6	51.373	52.291
12)	B 4,4'-DDE	5.599	6.303	92157229	957.3E6	53.002	52.676
13)	MA Dieldrin	5.731	6.453	94918522	972.5E6	54.041	53.722
14)	MA Endrin	5.989	6.671	86663060	823.2E6	54.490	53.560
15)	B Endosulfa...	6.263	6.880	79172323	811.3E6	56.468	55.017
16)	A 4,4'-DDD	6.115	6.793	74808635	803.2E6	51.584	53.984
17)	MA 4,4'-DDT	6.356	7.092	77595278	779.4E6	53.710	51.783
18)	B Endrin al...	6.431	7.003	65780401	665.5E6	55.285	54.930
19)	B Endosulfa...	6.645	7.227	76732453	832.2E6	60.040	54.881
20)	A Methoxychlor	6.902	7.550	42008126	400.8E6	52.670	54.108
21)	B Endrin ke...	7.136	7.697	96369885	822.7E6	54.321	56.264
22)	Mirex	7.324	8.150	69590954	510.3E6	60.622	51.037
23)	Chlordane-1	4.333f	0.000	1366762	0	28.155	N.D. #
24)	Chlordane-2	0.000	5.454f	0	1012.2E6	N.D.	1809.246 #
25)	Chlordane-3	5.376	6.074	93037395	948.6E6	546.993	383.946 #
26)	Chlordane-4	5.435	6.146	90841904	929.6E6	651.749	325.244 #
27)	Chlordane-5	6.263	0.000	79172323	0	1430.212	N.D. #

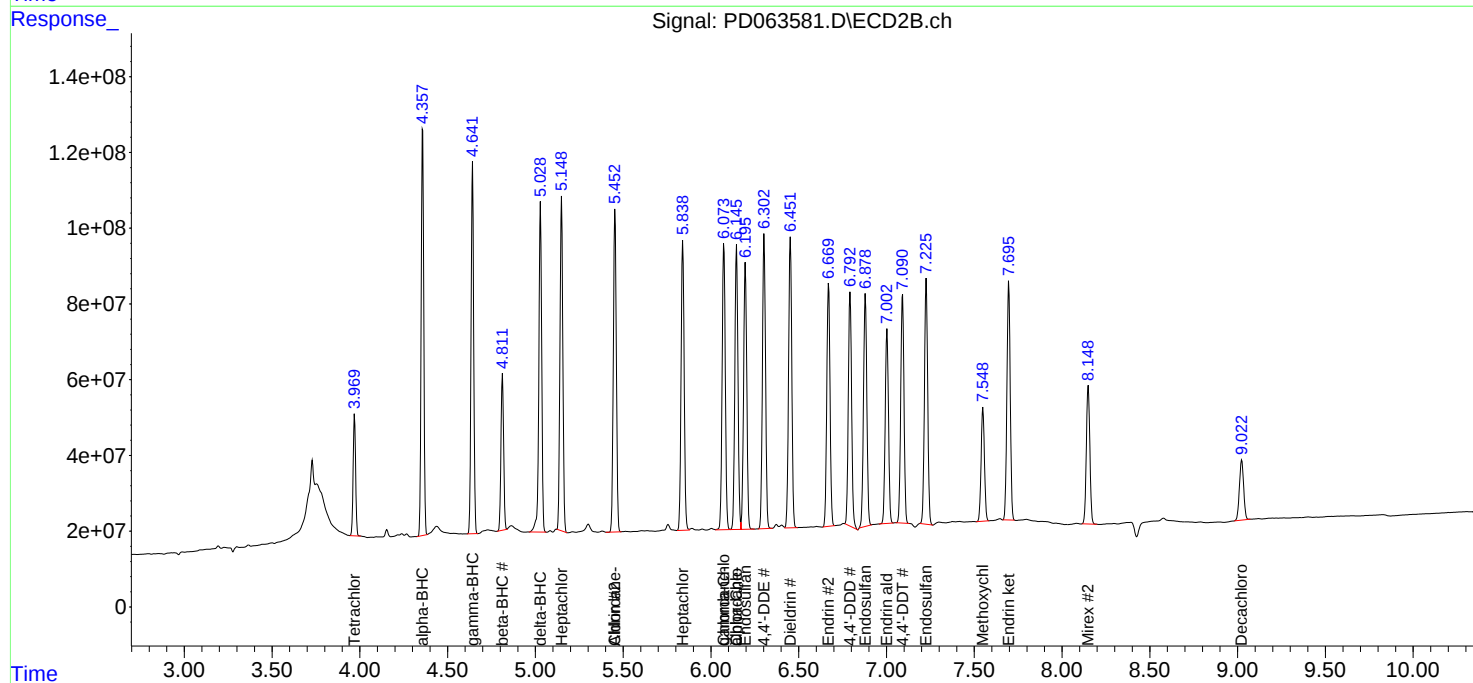
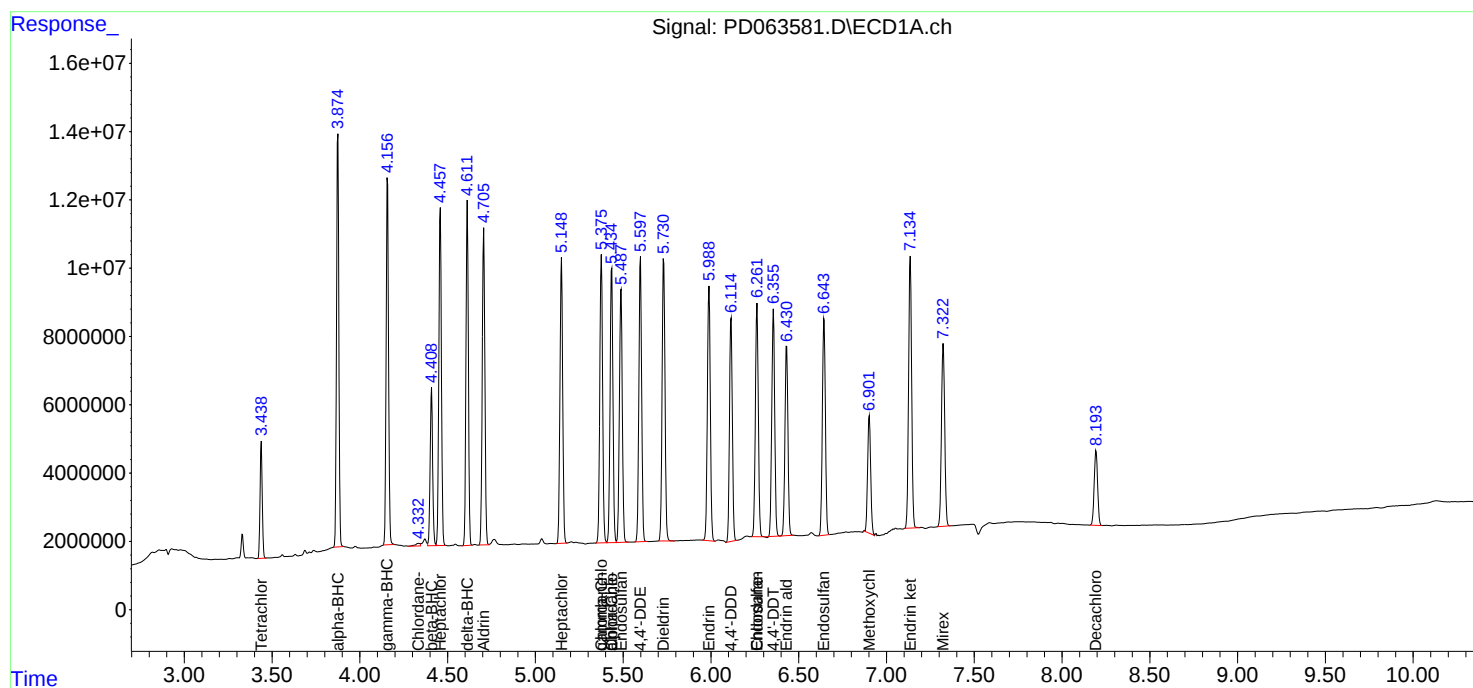
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

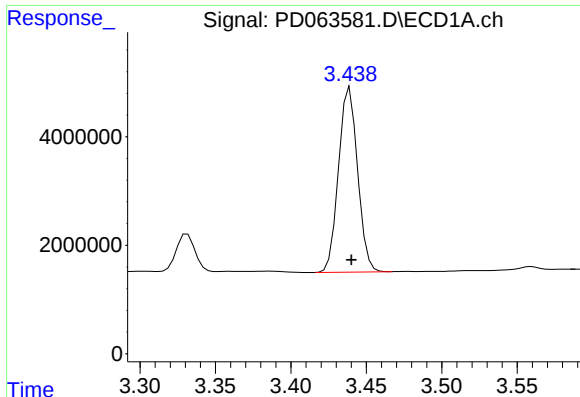
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060721\
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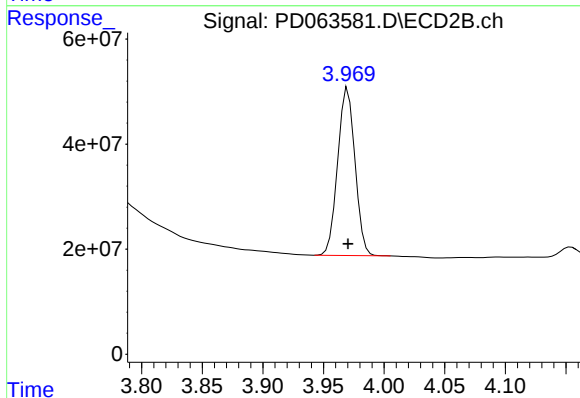




#1 Tetrachloro-m-xylene

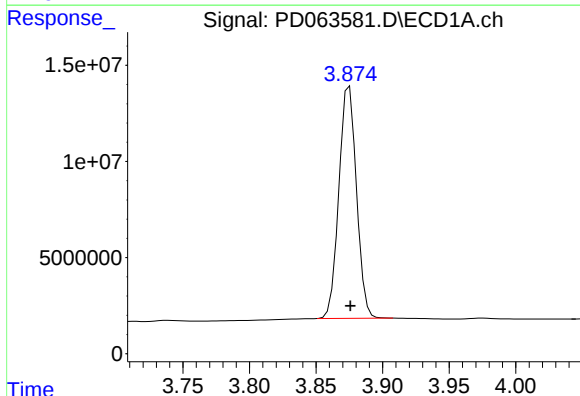
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 29958510
Conc: 21.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(66-70)MSD



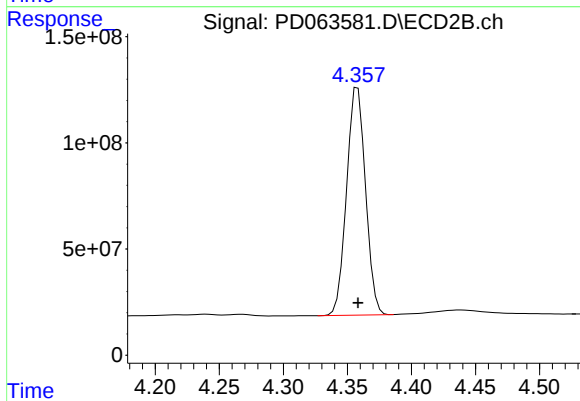
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 317211770
Conc: 23.67 ng/ml



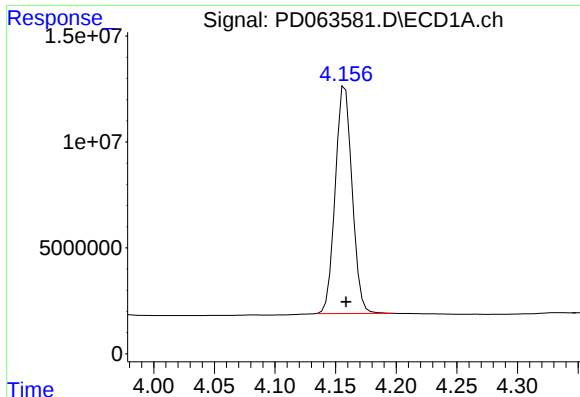
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: 0.000 min
Response: 111210297
Conc: 53.19 ng/ml



#2 alpha-BHC

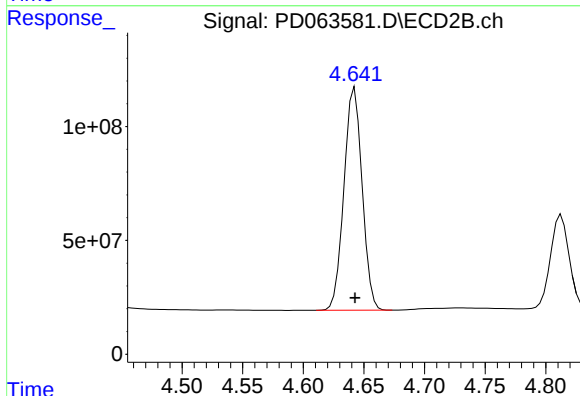
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 1102719067
Conc: 53.35 ng/ml



#3 gamma-BHC (Lindane)

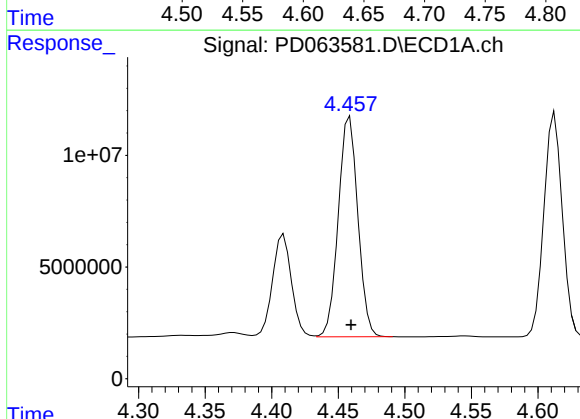
R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 103807262
Conc: 52.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(66-70)MSD



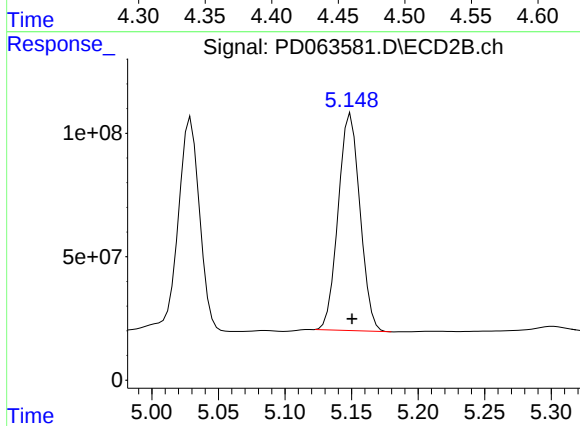
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 1019934553
Conc: 53.78 ng/ml



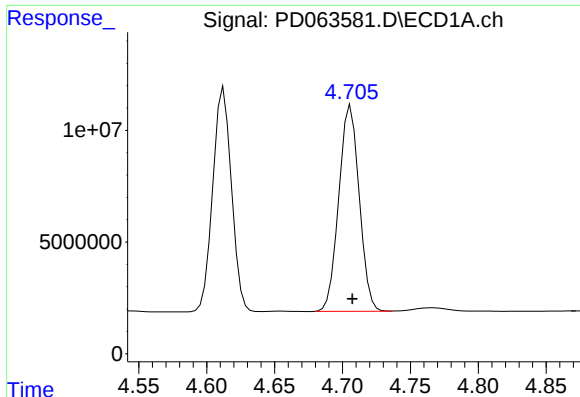
#4 Heptachlor

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 100796990
Conc: 51.91 ng/ml



#4 Heptachlor

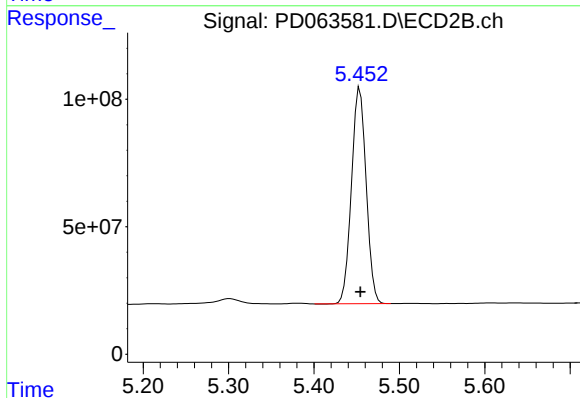
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 1002539169
Conc: 52.46 ng/ml



#5 Aldrin

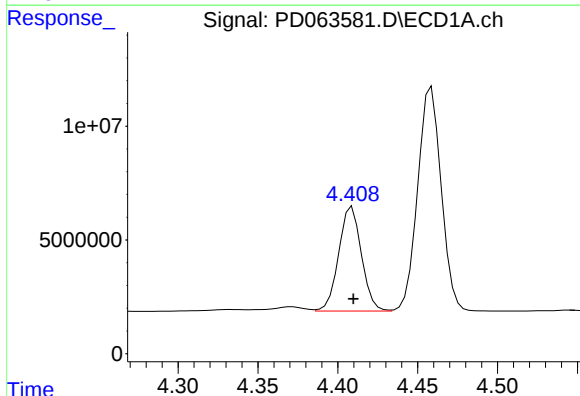
R.T.: 4.706 min
Delta R.T.: -0.001 min
Response: 96596880
Conc: 51.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(66-70)MSD



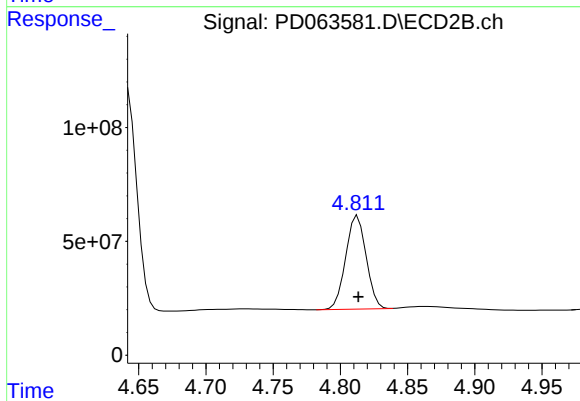
#5 Aldrin

R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 1012216146
Conc: 52.06 ng/ml



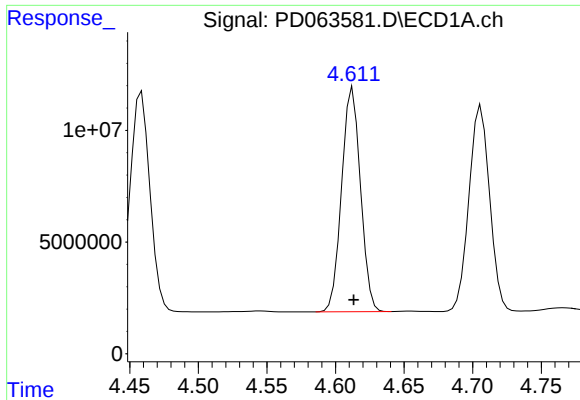
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 45484216
Conc: 52.28 ng/ml



#6 beta-BHC

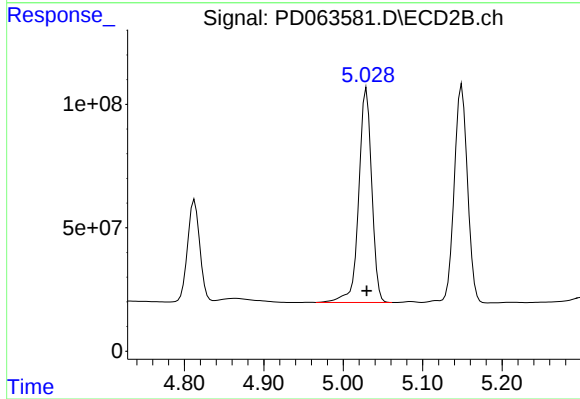
R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 433617885
Conc: 55.07 ng/ml



#7 delta-BHC

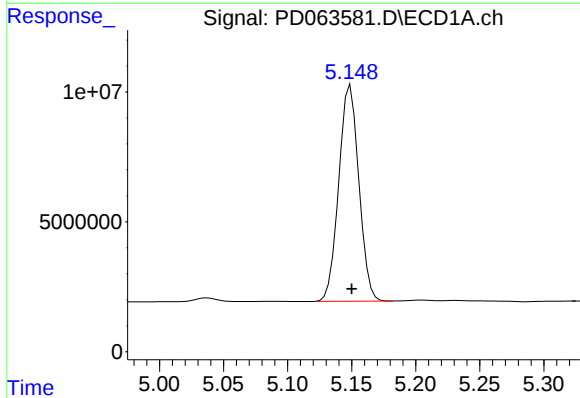
R.T.: 4.613 min
Delta R.T.: 0.000 min
Response: 96219167
Conc: 49.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(66-70)MSD



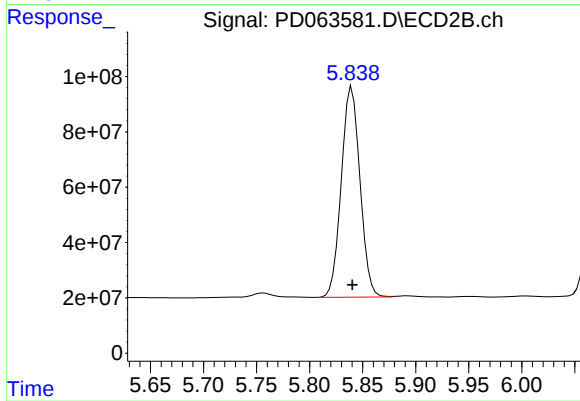
#7 delta-BHC

R.T.: 5.029 min
Delta R.T.: 0.000 min
Response: 982793283
Conc: 52.48 ng/ml



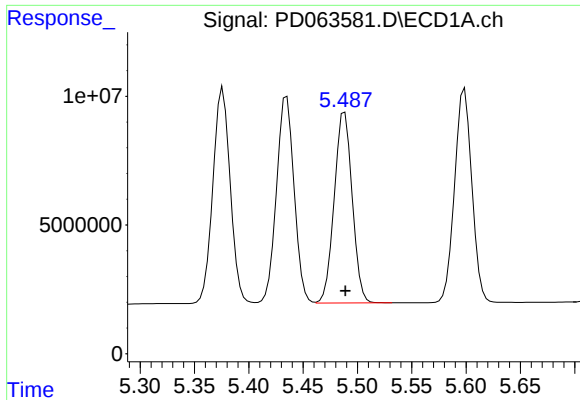
#8 Heptachlor epoxide

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 90579755
Conc: 51.69 ng/ml



#8 Heptachlor epoxide

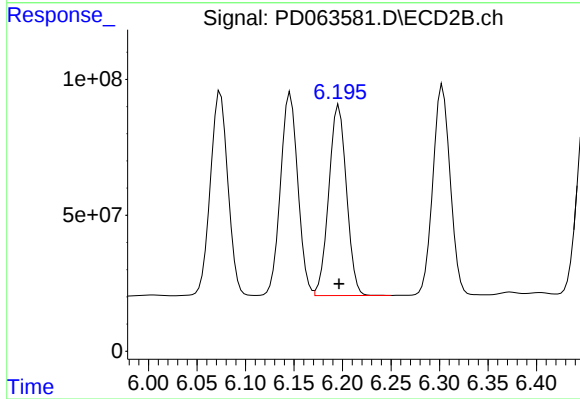
R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 932168868
Conc: 50.99 ng/ml



#9 Endosulfan I

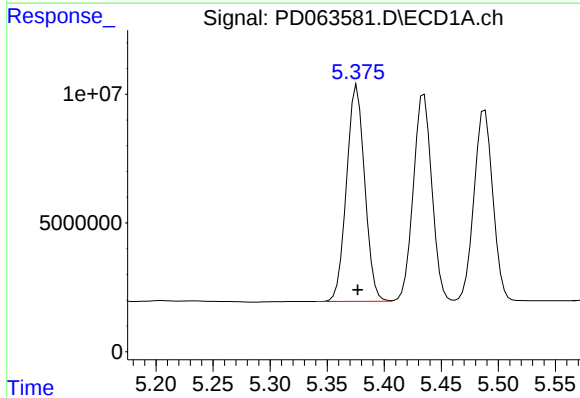
R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 85307496
Conc: 51.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(66-70)MSD



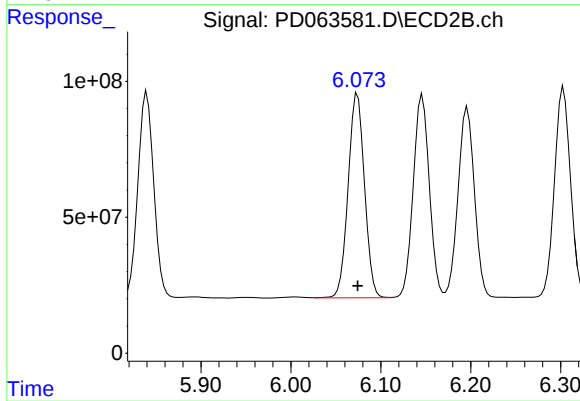
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 888097211
Conc: 52.12 ng/ml



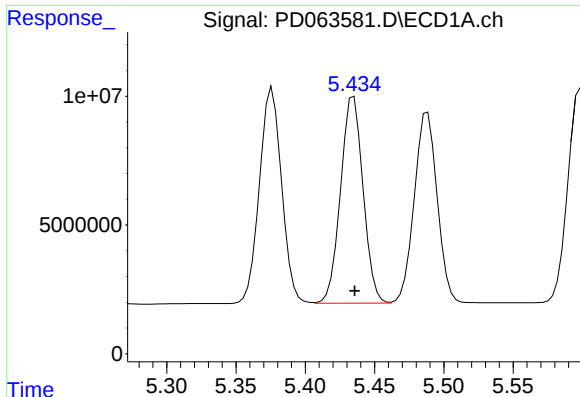
#10 gamma-Chlordane

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 93037395
Conc: 52.10 ng/ml



#10 gamma-Chlordane

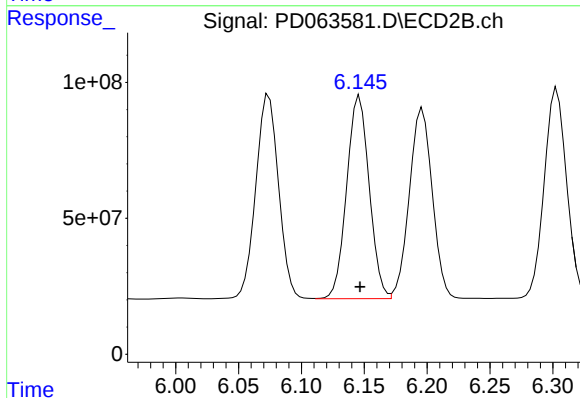
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 948578205
Conc: 51.06 ng/ml



#11 alpha-Chlordane

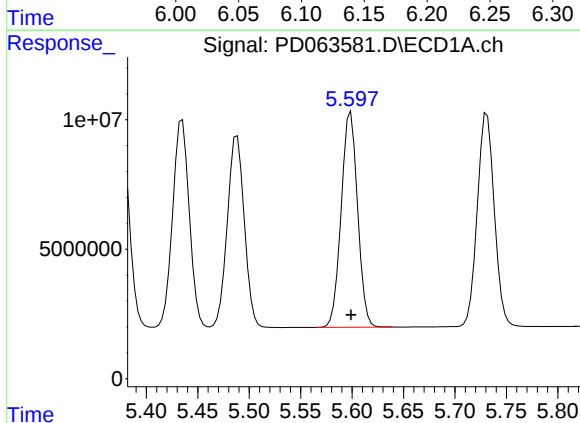
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 90841904
Conc: 51.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(66-70)MSD



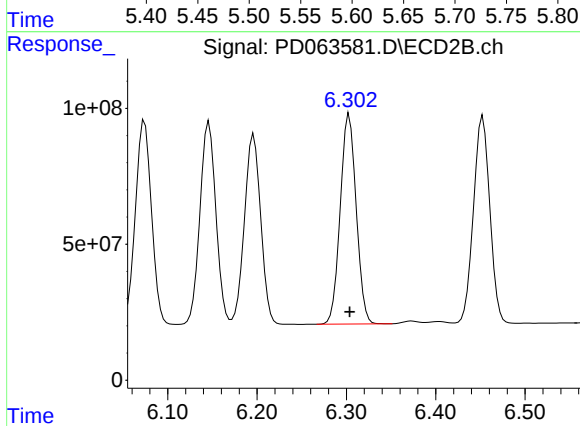
#11 alpha-Chlordane

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 929646352
Conc: 52.29 ng/ml



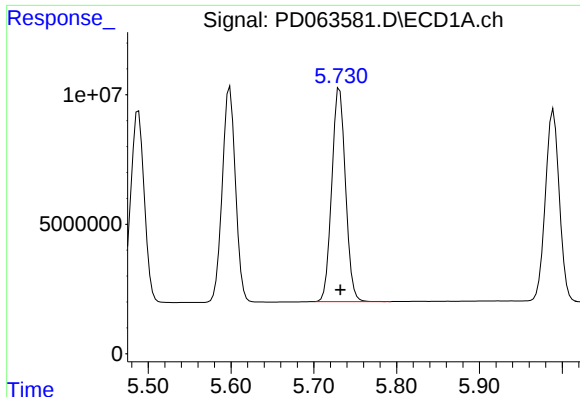
#12 4,4'-DDE

R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 92157229
Conc: 53.00 ng/ml



#12 4,4'-DDE

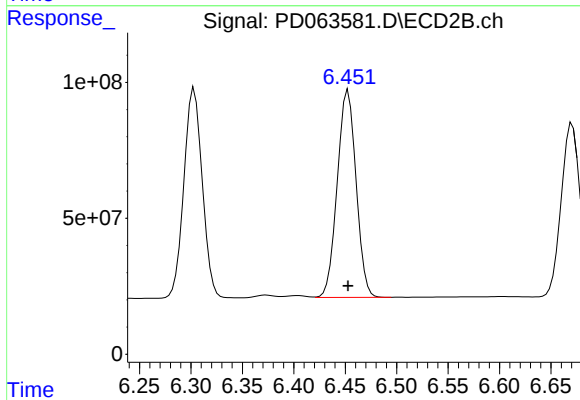
R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 957272839
Conc: 52.68 ng/ml



#13 Dieldrin

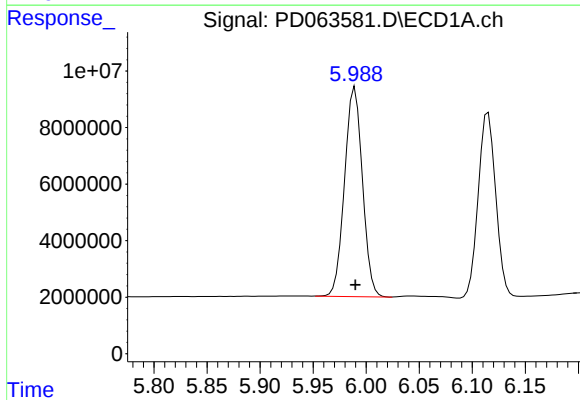
R.T.: 5.731 min
Delta R.T.: -0.001 min
Response: 94918522
Conc: 54.04 ng/ml

Instrument :
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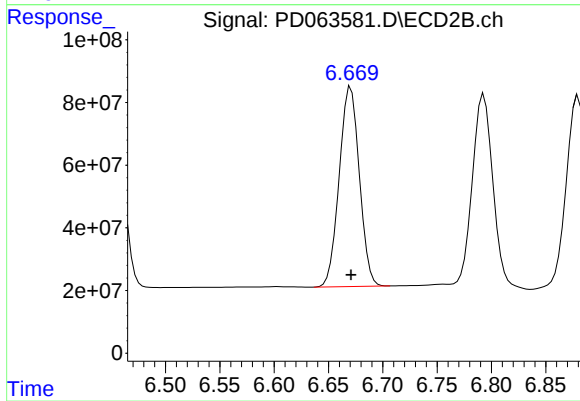
#13 Dieldrin

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 972477090
Conc: 53.72 ng/ml



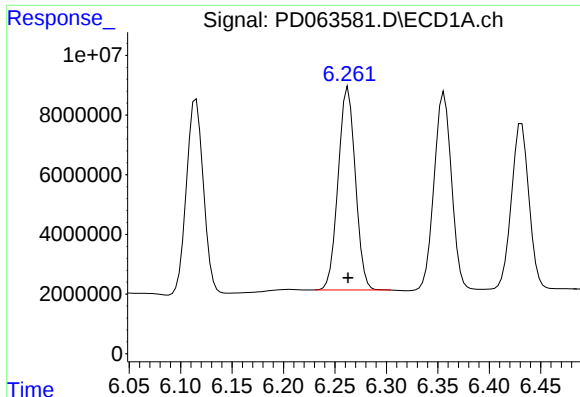
#14 Endrin

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 86663060
Conc: 54.49 ng/ml



#14 Endrin

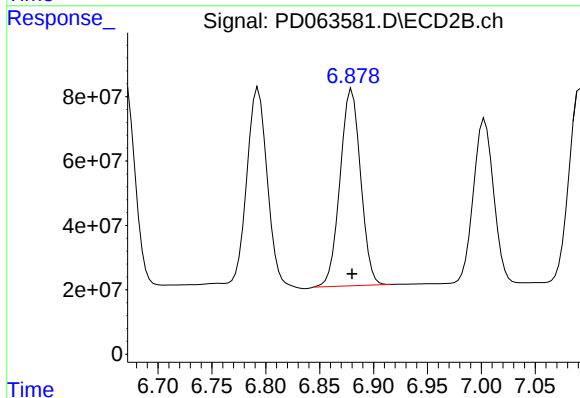
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 823246829
Conc: 53.56 ng/ml



#15 Endosulfan II

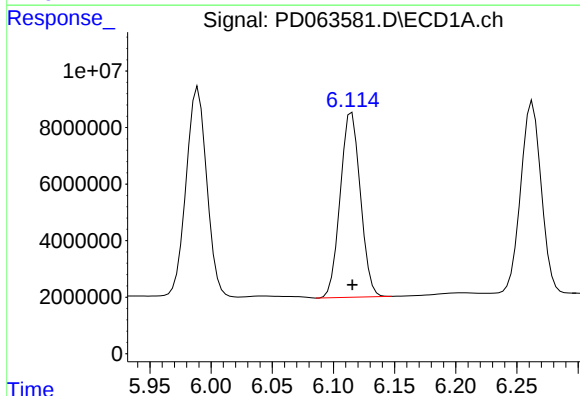
R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 79172323
Conc: 56.47 ng/ml

Instrument :
ECD_D
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18-B12(66-70)MSD



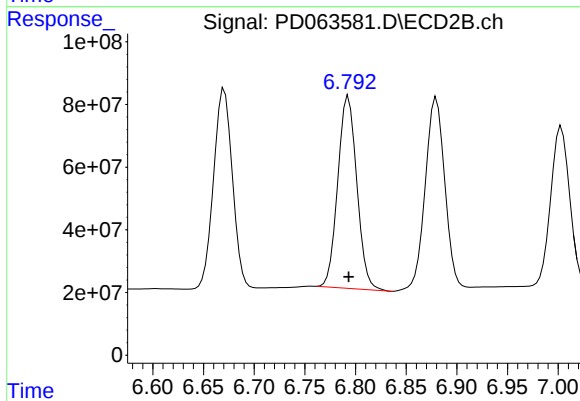
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 811281483
Conc: 55.02 ng/ml



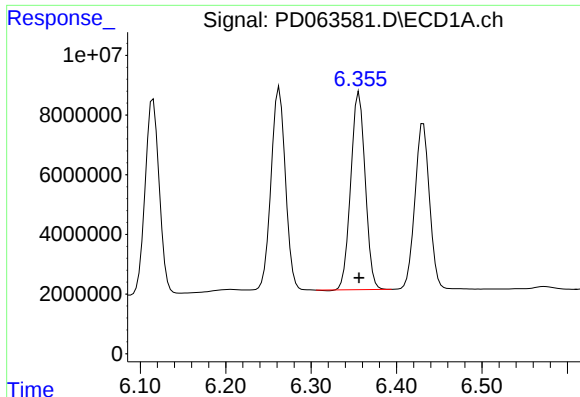
#16 4,4'-DDD

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 74808635
Conc: 51.58 ng/ml



#16 4,4'-DDD

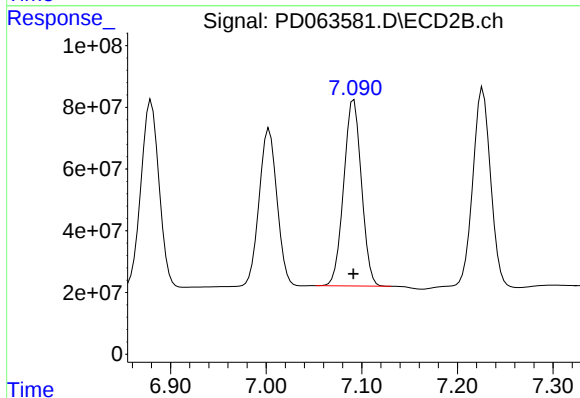
R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 803214909
Conc: 53.98 ng/ml



#17 4,4'-DDT

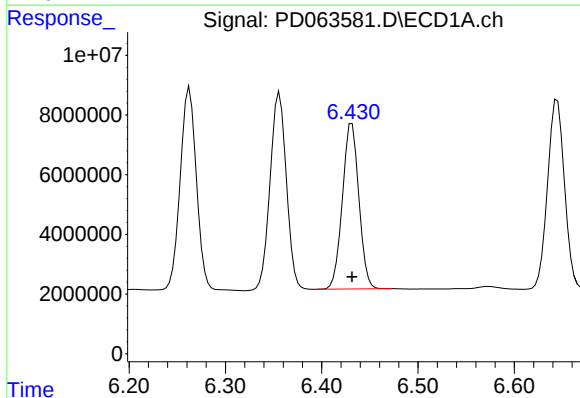
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 77595278
Conc: 53.71 ng/ml

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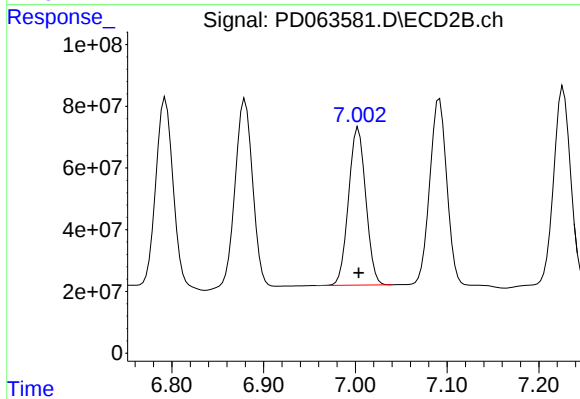
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 779437389
Conc: 51.78 ng/ml



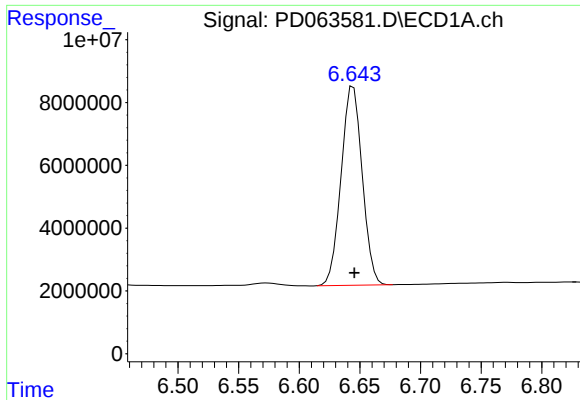
#18 Endrin aldehyde

R.T.: 6.431 min
Delta R.T.: 0.000 min
Response: 65780401
Conc: 55.29 ng/ml



#18 Endrin aldehyde

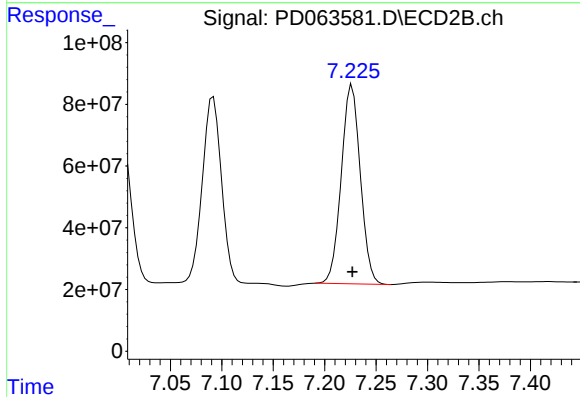
R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 665534450
Conc: 54.93 ng/ml



#19 Endosulfan Sulfate

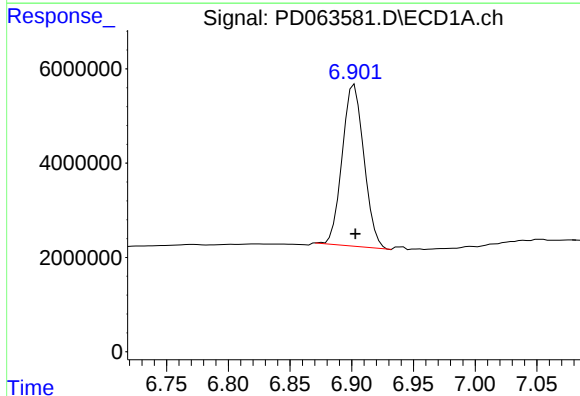
R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 76732453
Conc: 60.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(66-70)MSD



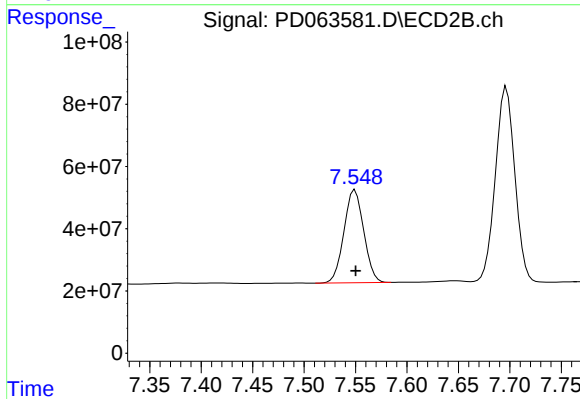
#19 Endosulfan Sulfate

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 832243067
Conc: 54.88 ng/ml



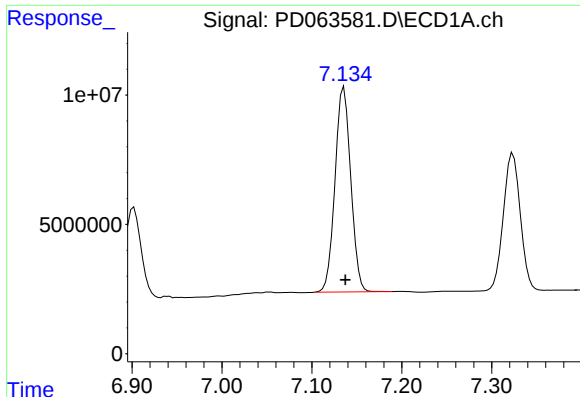
#20 Methoxychlor

R.T.: 6.902 min
Delta R.T.: 0.000 min
Response: 42008126
Conc: 52.67 ng/ml



#20 Methoxychlor

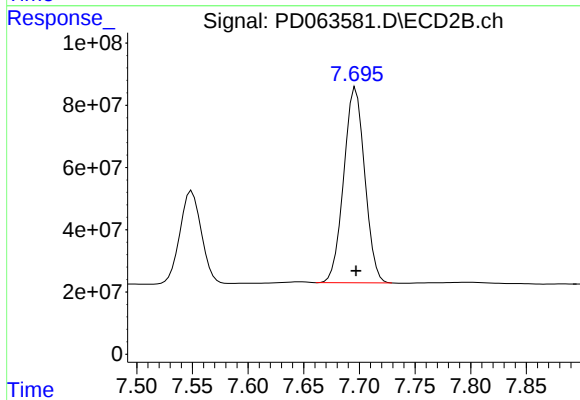
R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 400759145
Conc: 54.11 ng/ml



#21 Endrin ketone

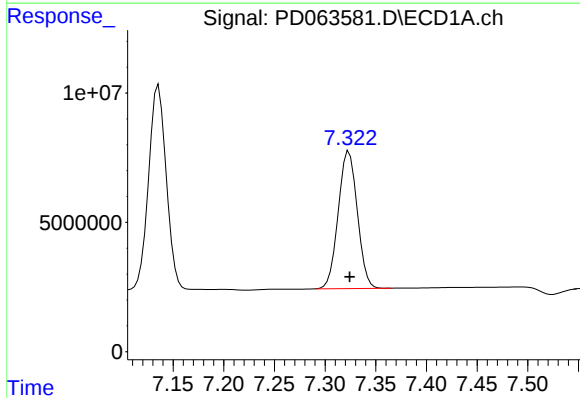
R.T.: 7.136 min
Delta R.T.: -0.001 min
Response: 96369885
Conc: 54.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(66-70)MSD



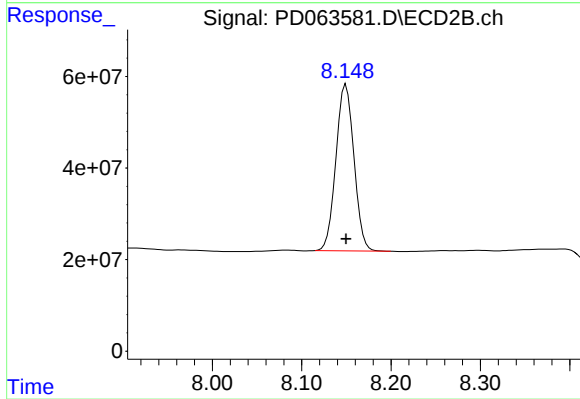
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 822706794
Conc: 56.26 ng/ml



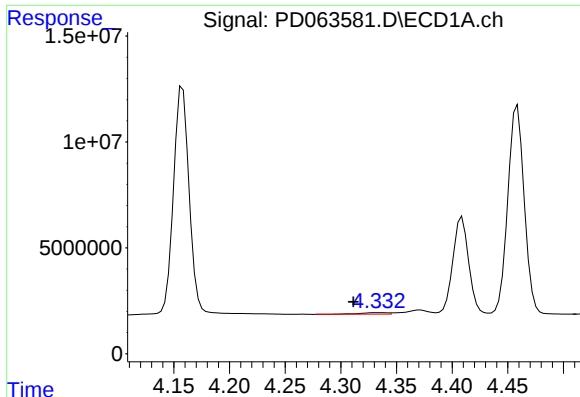
#22 Mirex

R.T.: 7.324 min
Delta R.T.: 0.000 min
Response: 69590954
Conc: 60.62 ng/ml



#22 Mirex

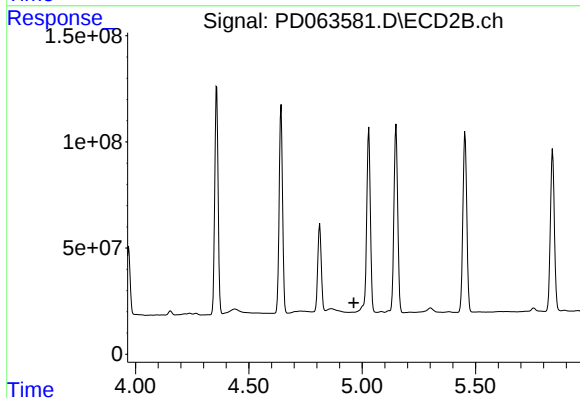
R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 510318019
Conc: 51.04 ng/ml



#23 Chlordane-1

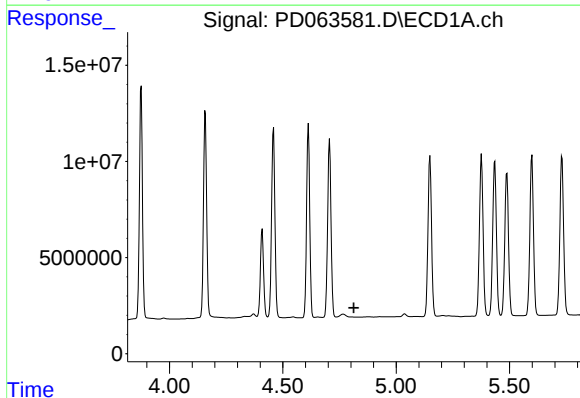
R.T.: 4.333 min
Delta R.T.: 0.022 min
Response: 1366762
Conc: 28.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(66-70)MSD



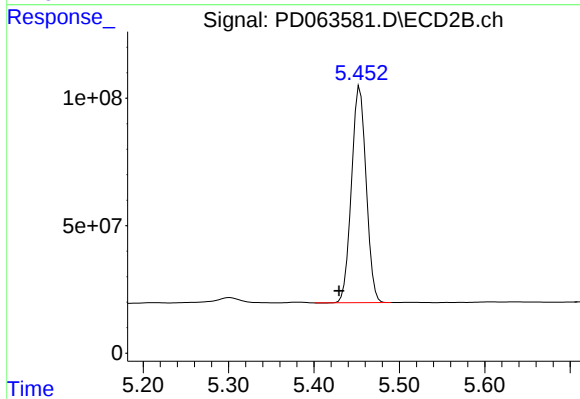
#23 Chlordane-1

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



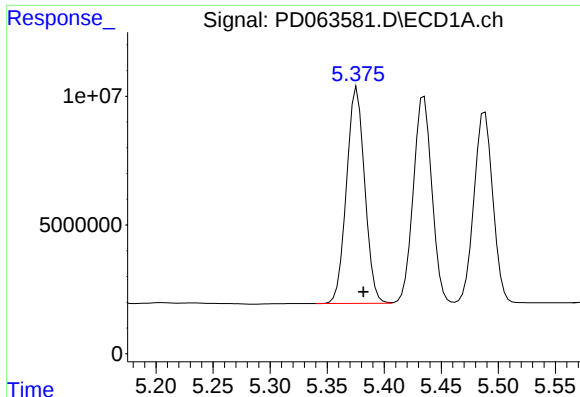
#24 Chlordane-2

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



#24 Chlordane-2

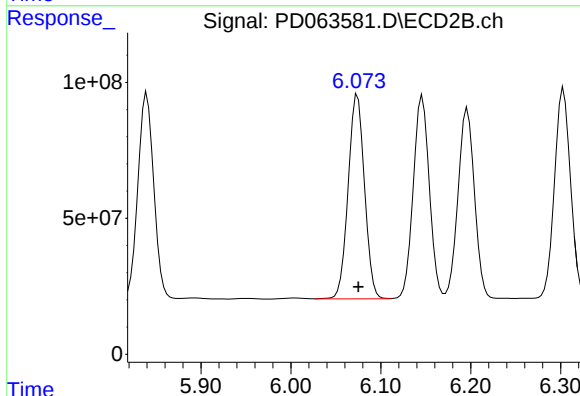
R.T.: 5.454 min
Delta R.T.: 0.024 min
Response: 1012216146
Conc: 1809.25 ng/ml



#25 Chlordane-3

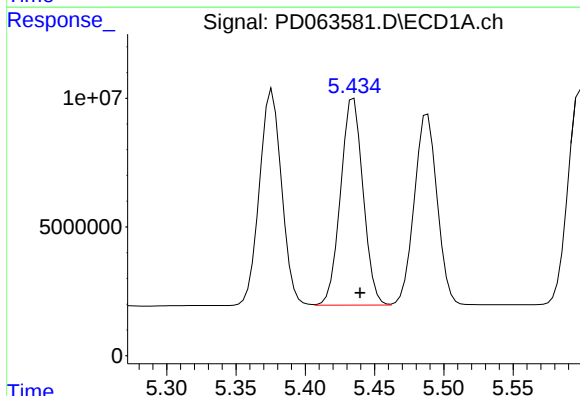
R.T.: 5.376 min
Delta R.T.: -0.006 min
Response: 93037395
Conc: 546.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(66-70)MSD



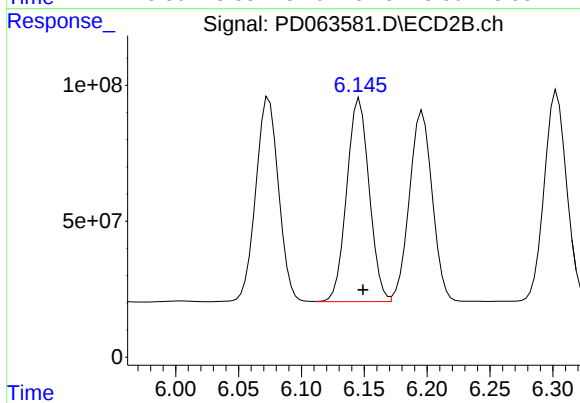
#25 Chlordane-3

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 948578205
Conc: 383.95 ng/ml



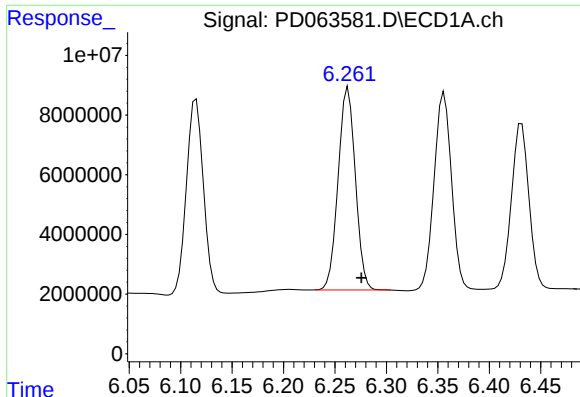
#26 Chlordane-4

R.T.: 5.435 min
Delta R.T.: -0.005 min
Response: 90841904
Conc: 651.75 ng/ml



#26 Chlordane-4

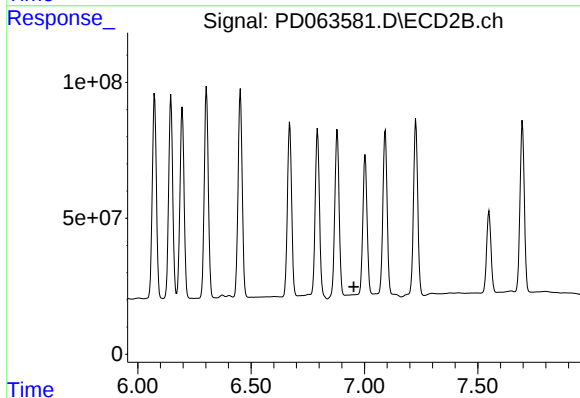
R.T.: 6.146 min
Delta R.T.: -0.003 min
Response: 929646352
Conc: 325.24 ng/ml



#27 Chlordane-5

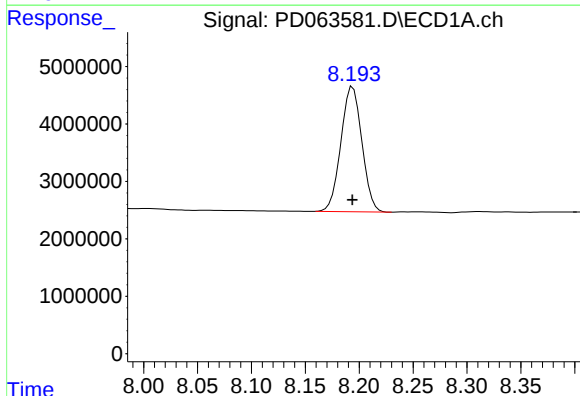
R.T.: 6.263 min
Delta R.T.: -0.013 min
Response: 79172323
Conc: 1430.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(66-70)MSD



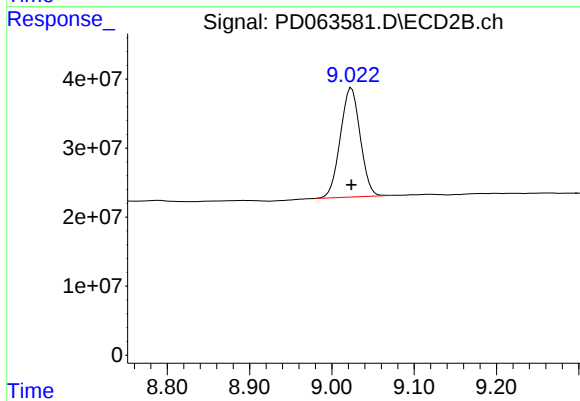
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.953 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 29573272
Conc: 18.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 265415309
Conc: 19.21 ng/ml