

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060721\
 Data File : PD063552.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2021 16:43
 Operator : AR\AJ
 Sample : M2603-02MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 FAM4-WC1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 04:17:21 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	29645446	314.8E6	21.424	23.493
28)	SA Decachlor...	8.195	9.026	33267815	299.2E6	21.153	21.650
Target Compounds							
2)	A alpha-BHC	3.875	4.358	123.3E6	1222.1E6	58.991	59.122
3)	MA gamma-BHC...	4.159	4.642	114.4E6	1123.4E6	58.251	59.229
4)	MA Heptachlor	4.459	5.150	109.8E6	1099.4E6	56.571	57.531
5)	MB Aldrin	4.707	5.454	104.2E6	1078.6E6	55.118	55.475
6)	B beta-BHC	4.410	4.814	49499327	472.0E6	56.899	59.944
7)	B delta-BHC	4.614	5.029	112.4E6	1154.1E6	57.321	62.239
8)	B Heptachlo...	5.150	5.840	99941408	1017.5E6	57.033	55.661
9)	A Endosulfan I	5.489	6.196	94148843	974.9E6	57.120	57.219
10)	B gamma-Chl...	5.377	6.074	101.7E6	1031.7E6	56.926	55.536
11)	B alpha-Chl...	5.435	6.146	99200882	1013.1E6	56.100	56.987
12)	B 4,4'-DDE	5.598	6.304	100.8E6	1044.9E6	57.962	57.498
13)	MA Dieldrin	5.732	6.453	105.1E6	1064.8E6	59.814	58.823
14)	MA Endrin	5.990	6.671	95820939	920.3E6	60.248	59.875
15)	B Endosulfa...	6.263	6.880	87999946	894.1E6	62.764	60.633
16)	A 4,4'-DDD	6.116	6.794	83561706	882.6E6	57.619	59.321
17)	MA 4,4'-DDT	6.356	7.092	84970808	860.3E6	58.815	57.155
18)	B Endrin al...	6.432	7.004	75250083	755.4E6	63.244	62.343
19)	B Endosulfa...	6.645	7.227	86638255	912.1E6	67.791	60.149
20)	A Methoxychlor	6.903	7.550	46123962	406.3E6	57.831	54.853
21)	B Endrin ke...	7.137	7.697	104.9E6	813.6E6	59.154	55.641
22)	Mirex	7.325	8.151	74772939	523.5E6	65.136	52.354
23)	Chlordane-1	4.338f	0.000	1234823	0	25.437	N.D. #
24)	Chlordane-2	0.000	5.454f	0	1078.6E6	N.D.	1927.972 #
25)	Chlordane-3	5.377	6.074	101.7E6	1031.7E6	597.695	417.576 #
26)	Chlordane-4	5.435	6.146	99200882	1013.1E6	711.721	354.452 #
27)	Chlordane-5	6.263	0.000	87999946	0	1589.679	N.D. #

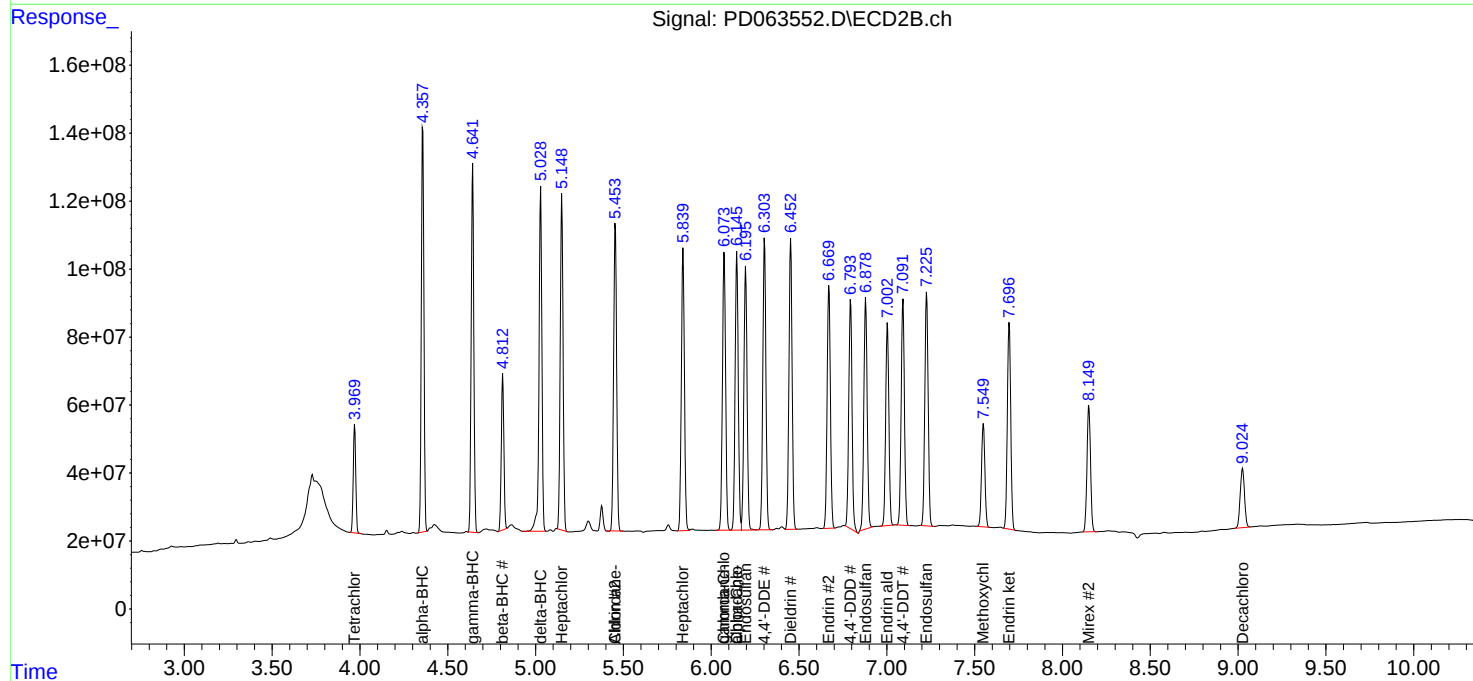
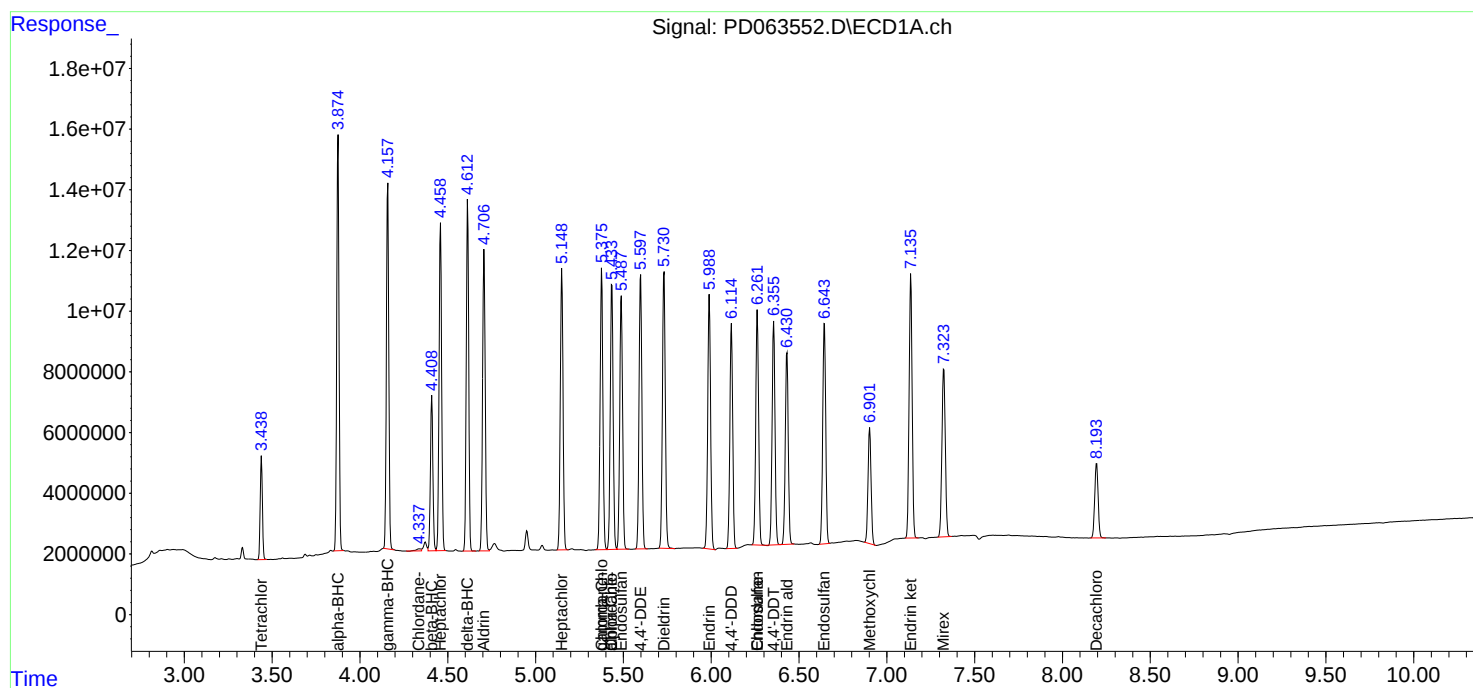
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

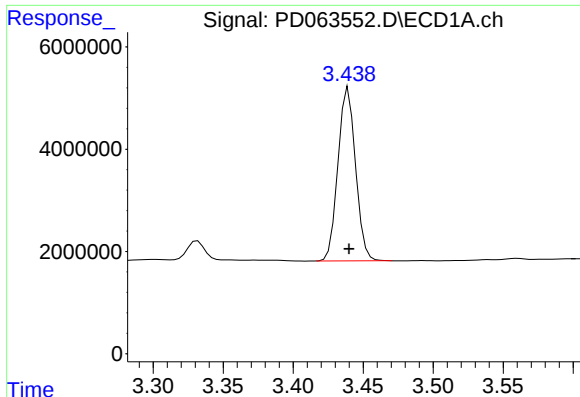
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060721\
 Data File : PD063552.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2021 16:43
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Integration File signal 1: autoint1.e
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Volume Inj. : 2 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

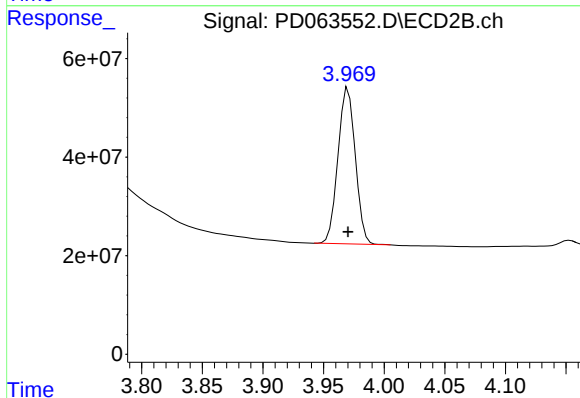




#1 Tetrachloro-m-xylene

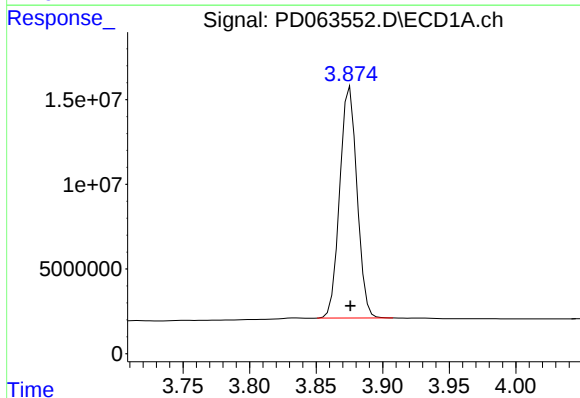
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 29645446
Conc: 21.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
FAM4-WC1MSD



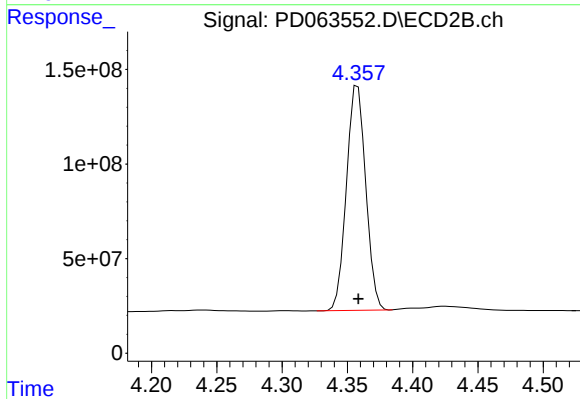
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 314772062
Conc: 23.49 ng/ml



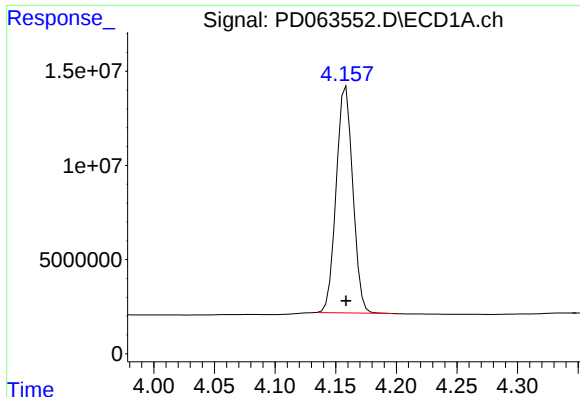
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: 0.000 min
Response: 123343495
Conc: 58.99 ng/ml



#2 alpha-BHC

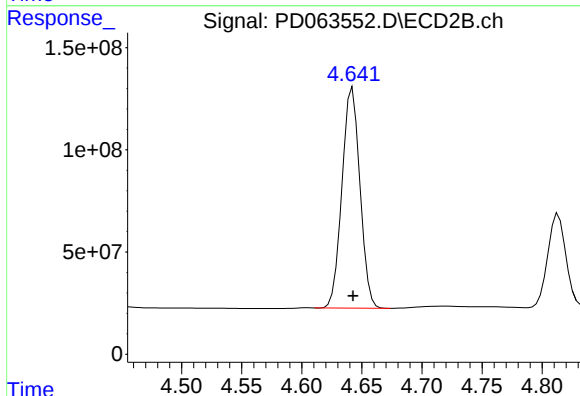
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 1222103228
Conc: 59.12 ng/ml



#3 gamma-BHC (Lindane)

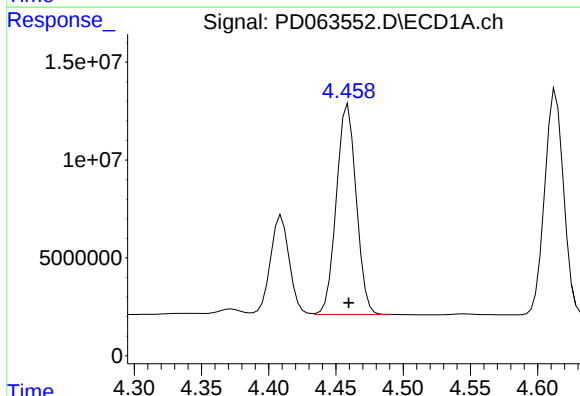
R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 114402263
Conc: 58.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
FAM4-WC1MSD



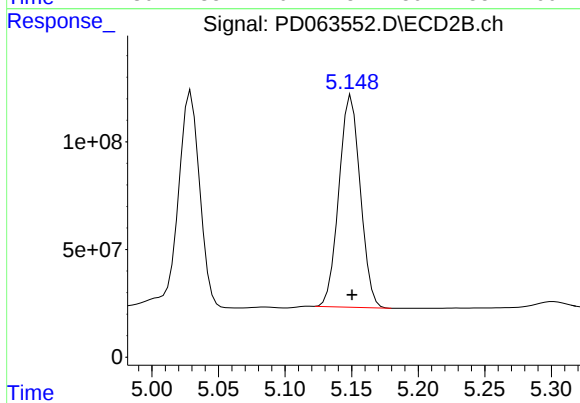
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 1123359615
Conc: 59.23 ng/ml



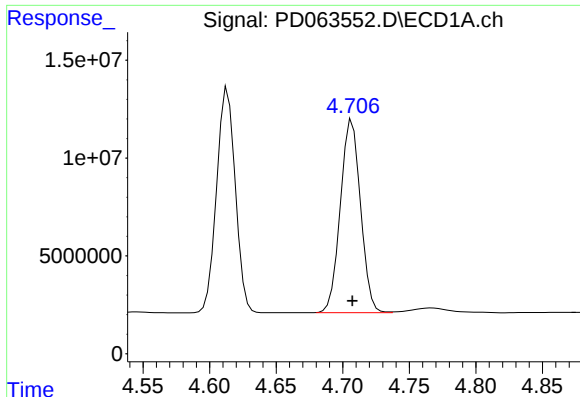
#4 Heptachlor

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 109837882
Conc: 56.57 ng/ml



#4 Heptachlor

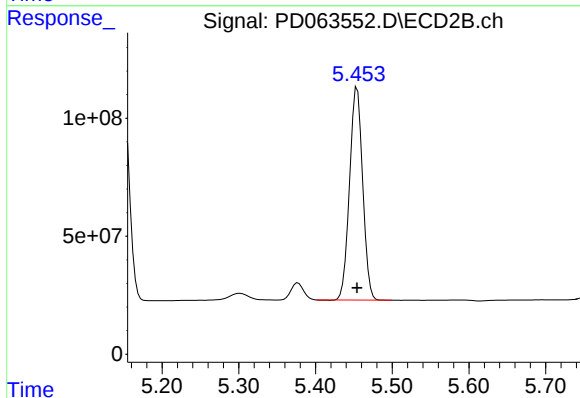
R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 1099446991
Conc: 57.53 ng/ml



#5 Aldrin

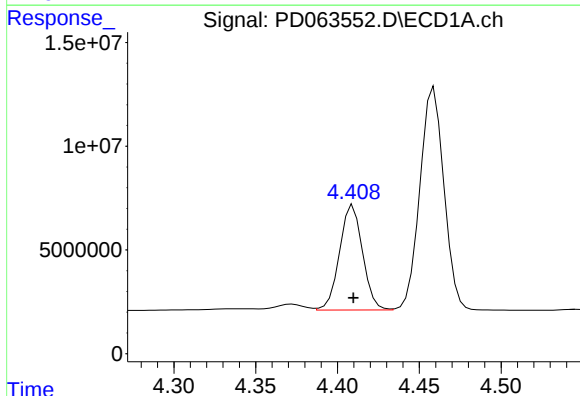
R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 104165770
Conc: 55.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
FAM4-WC1MSD



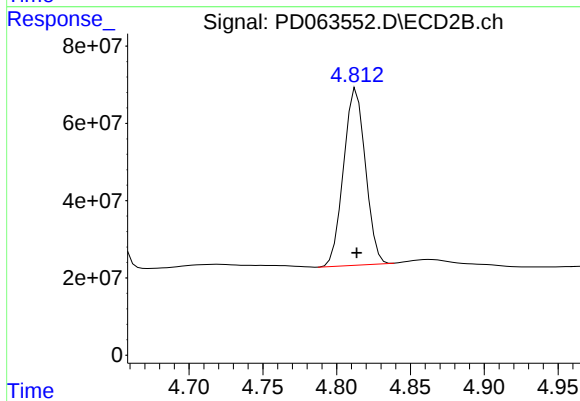
#5 Aldrin

R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 1078639491
Conc: 55.47 ng/ml



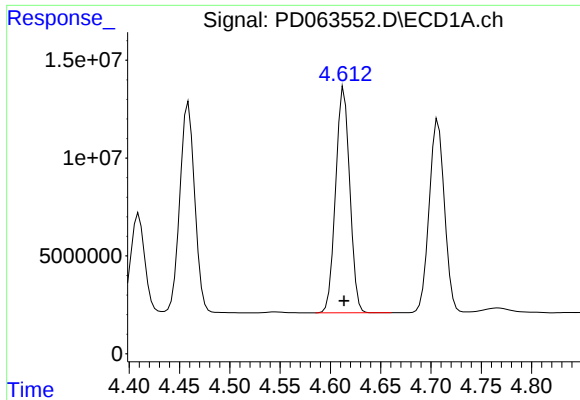
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 49499327
Conc: 56.90 ng/ml



#6 beta-BHC

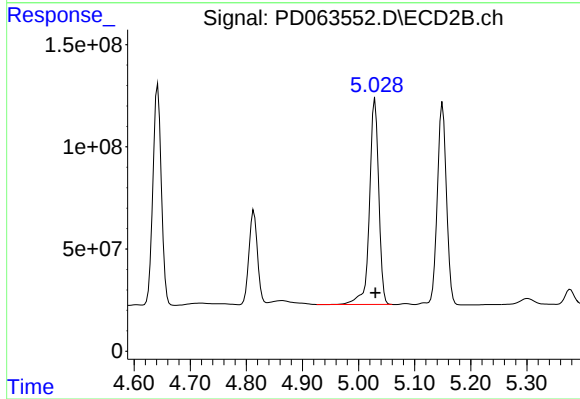
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 471959263
Conc: 59.94 ng/ml



#7 delta-BHC

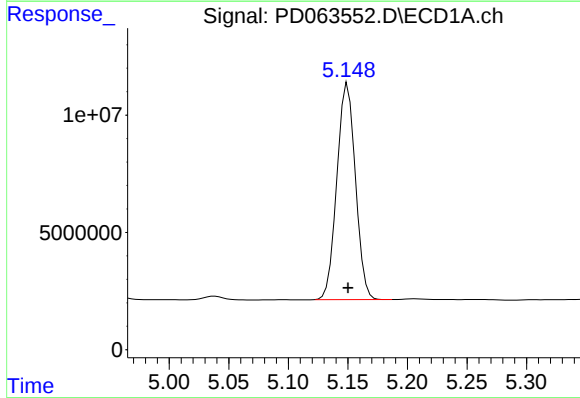
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 112420506
Conc: 57.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
FAM4-WC1MSD



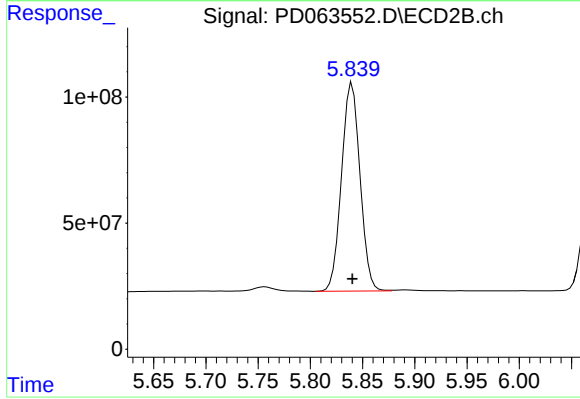
#7 delta-BHC

R.T.: 5.029 min
Delta R.T.: 0.000 min
Response: 1154113538
Conc: 62.24 ng/ml



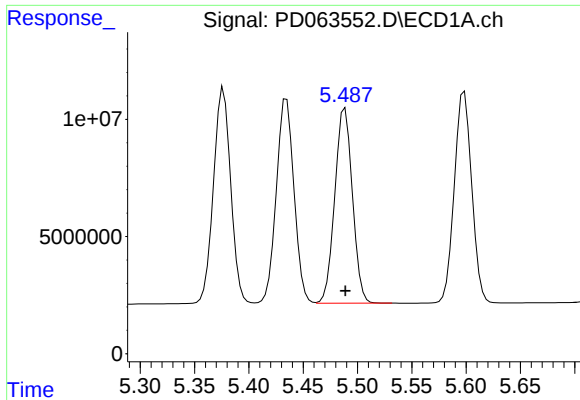
#8 Heptachlor epoxide

R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 99941408
Conc: 57.03 ng/ml



#8 Heptachlor epoxide

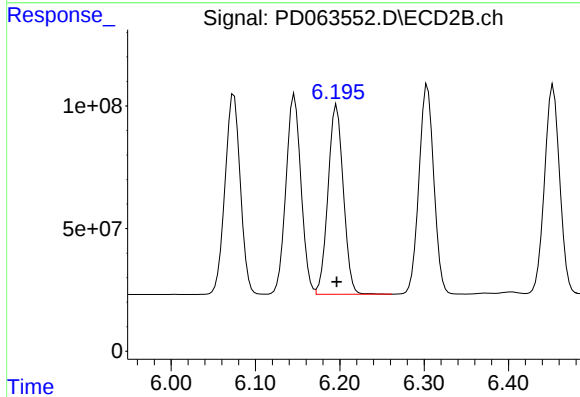
R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 1017515566
Conc: 55.66 ng/ml



#9 Endosulfan I

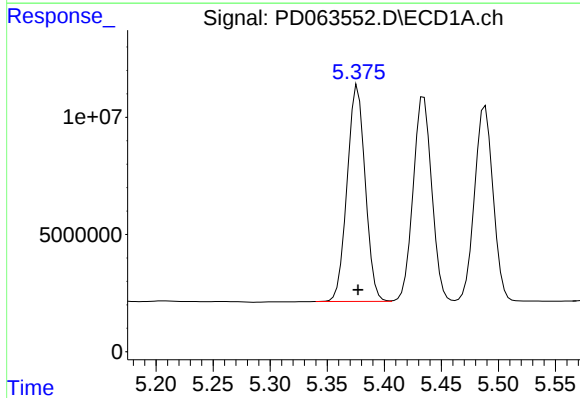
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 94148843
Conc: 57.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
FAM4-WC1MSD



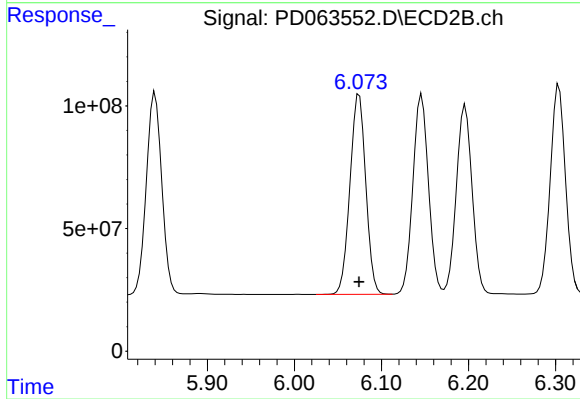
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 974911099
Conc: 57.22 ng/ml



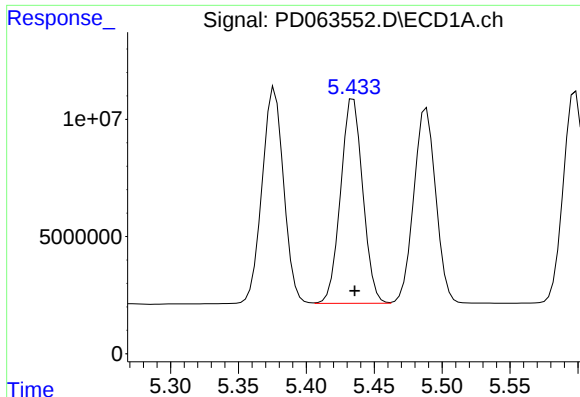
#10 gamma-Chlordane

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 101661267
Conc: 56.93 ng/ml



#10 gamma-Chlordane

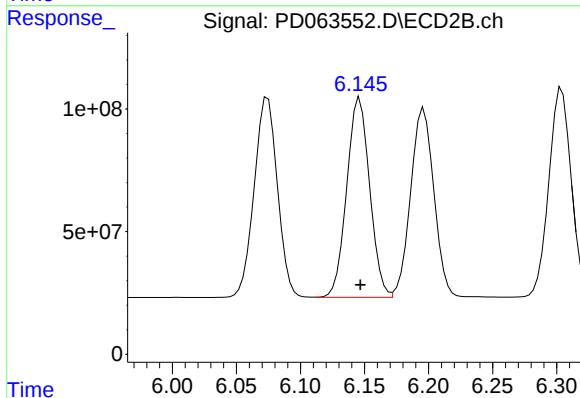
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 1031665705
Conc: 55.54 ng/ml



#11 alpha-Chlordane

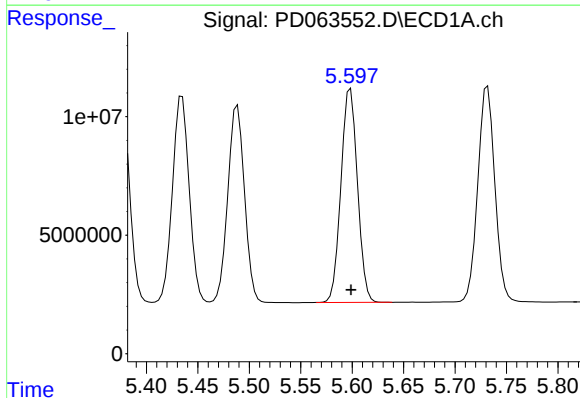
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 99200882
Conc: 56.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
FAM4-WC1MSD



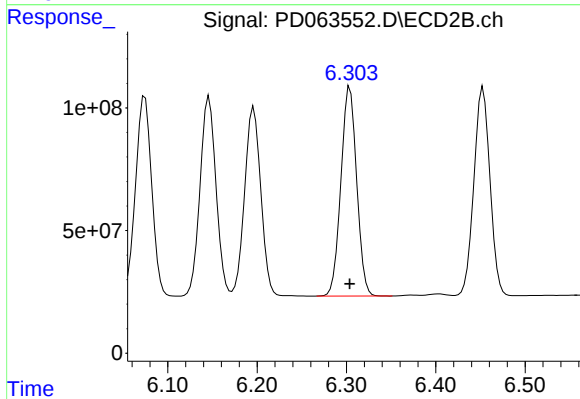
#11 alpha-Chlordane

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 1013132024
Conc: 56.99 ng/ml



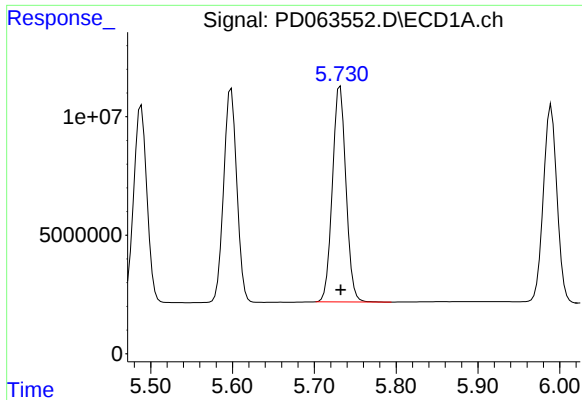
#12 4,4'-DDE

R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 100781439
Conc: 57.96 ng/ml



#12 4,4'-DDE

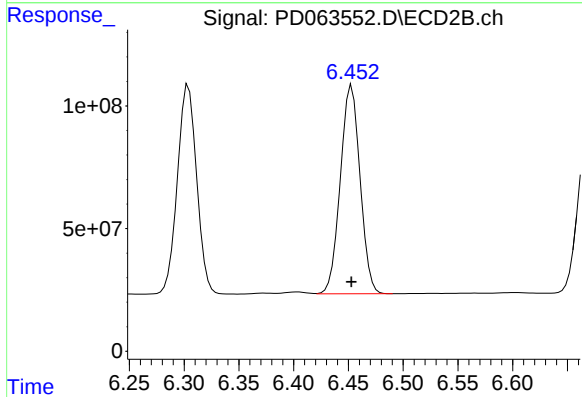
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 1044909240
Conc: 57.50 ng/ml



#13 Dieldrin

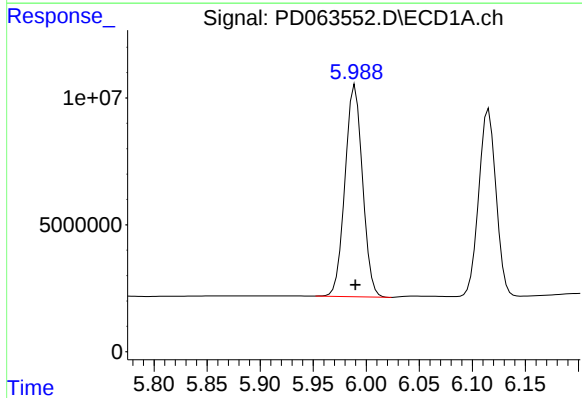
R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 105058691
Conc: 59.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
FAM4-WC1MSD



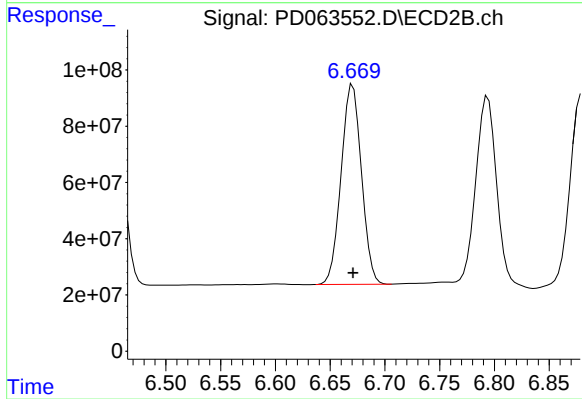
#13 Dieldrin

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 1064813271
Conc: 58.82 ng/ml



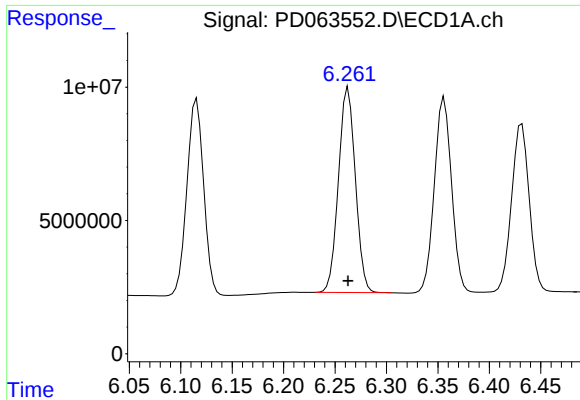
#14 Endrin

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 95820939
Conc: 60.25 ng/ml



#14 Endrin

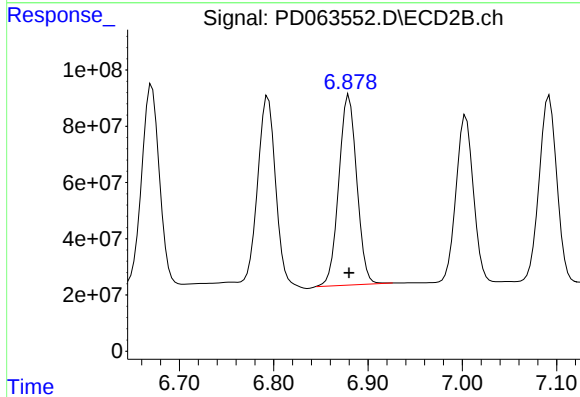
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 920307505
Conc: 59.88 ng/ml



#15 Endosulfan II

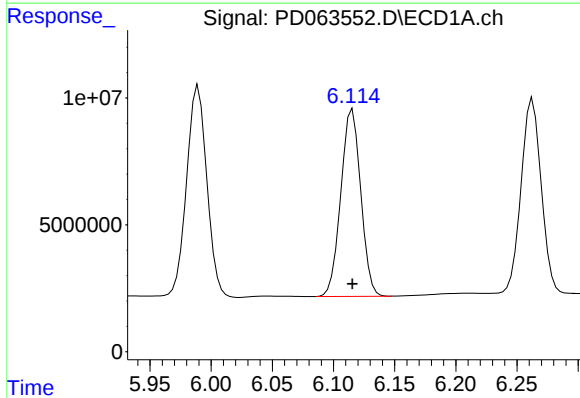
R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 87999946
Conc: 62.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
FAM4-WC1MSD



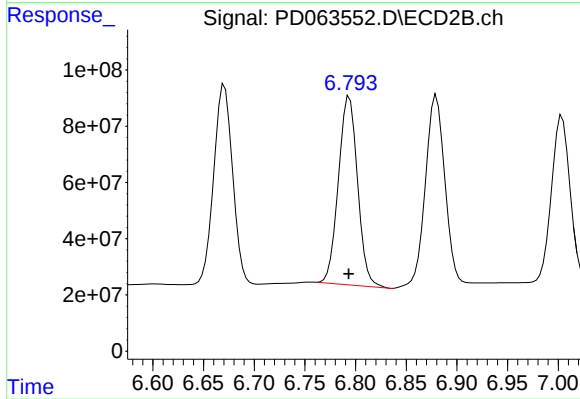
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 894106322
Conc: 60.63 ng/ml



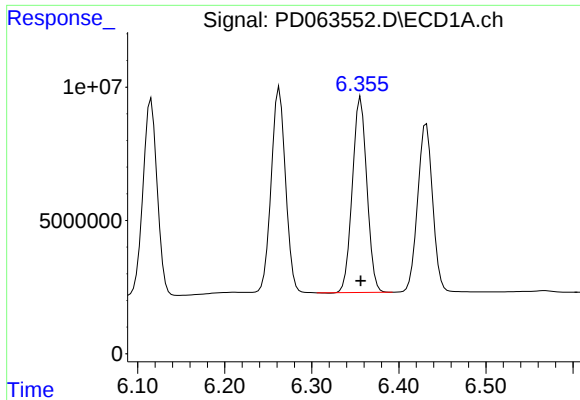
#16 4,4'-DDD

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 83561706
Conc: 57.62 ng/ml



#16 4,4'-DDD

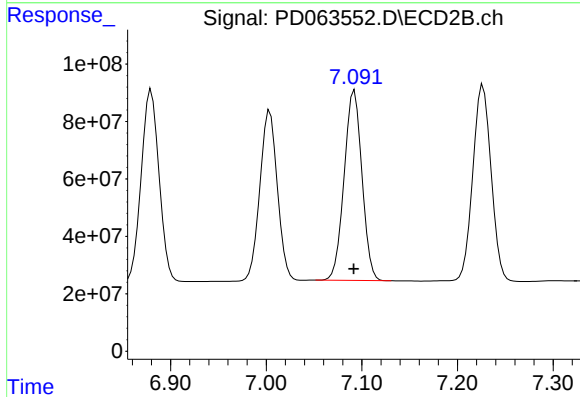
R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 882615968
Conc: 59.32 ng/ml



#17 4,4'-DDT

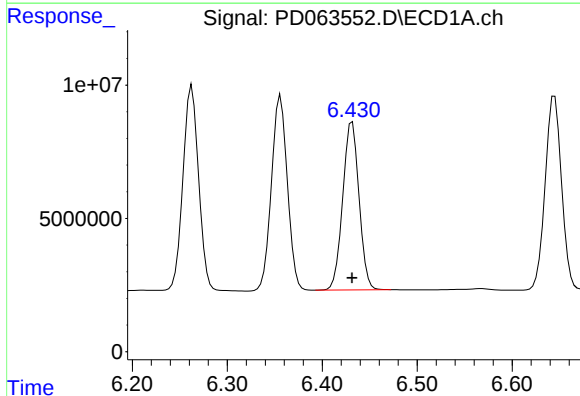
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 84970808
Conc: 58.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
FAM4-WC1MSD



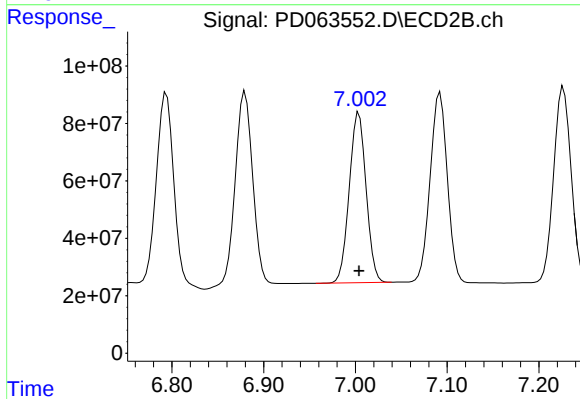
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 860294635
Conc: 57.15 ng/ml



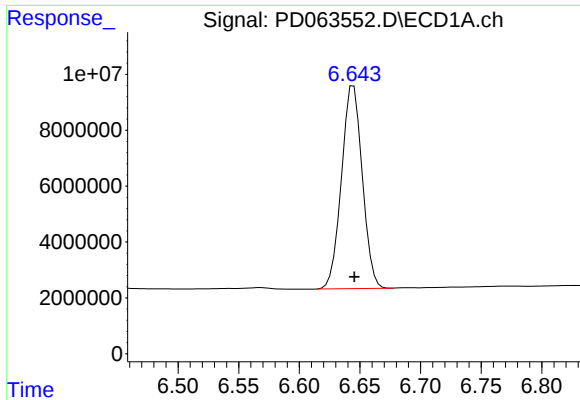
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 75250083
Conc: 63.24 ng/ml



#18 Endrin aldehyde

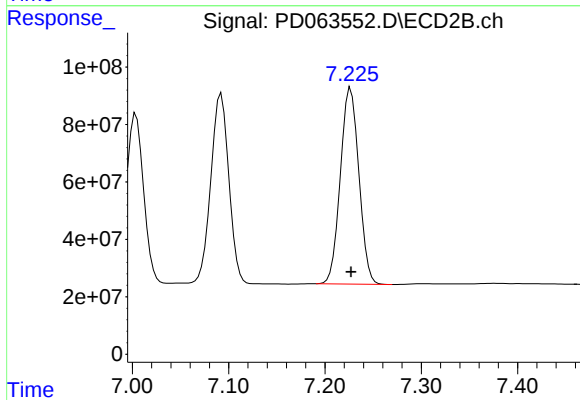
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 755355542
Conc: 62.34 ng/ml



#19 Endosulfan Sulfate

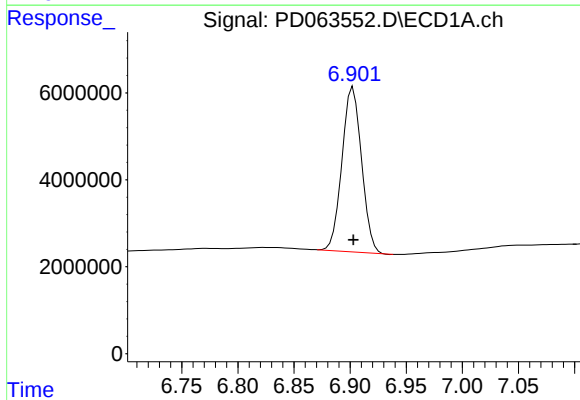
R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 86638255
Conc: 67.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
FAM4-WC1MSD



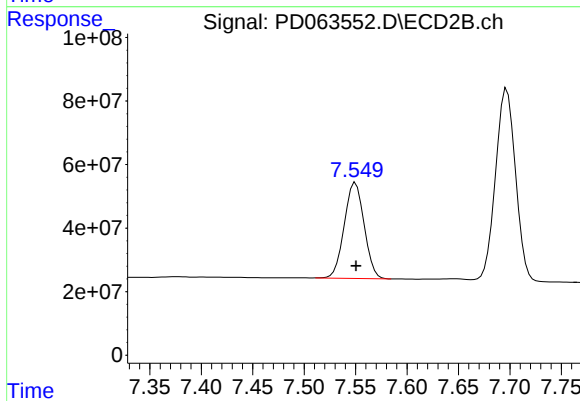
#19 Endosulfan Sulfate

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 912132607
Conc: 60.15 ng/ml



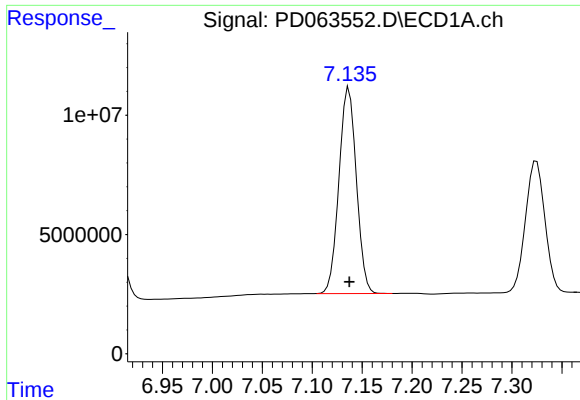
#20 Methoxychlor

R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 46123962
Conc: 57.83 ng/ml



#20 Methoxychlor

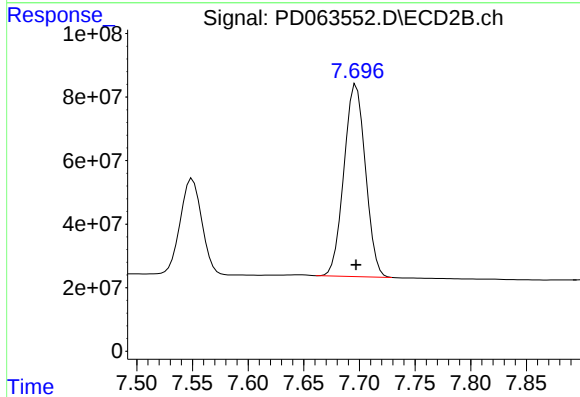
R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 406277463
Conc: 54.85 ng/ml



#21 Endrin ketone

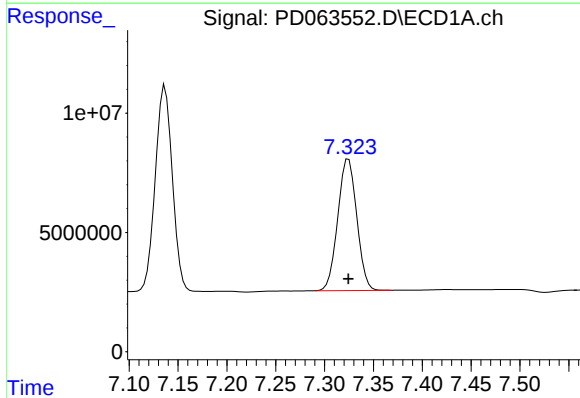
R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 104944906
Conc: 59.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
FAM4-WC1MSD



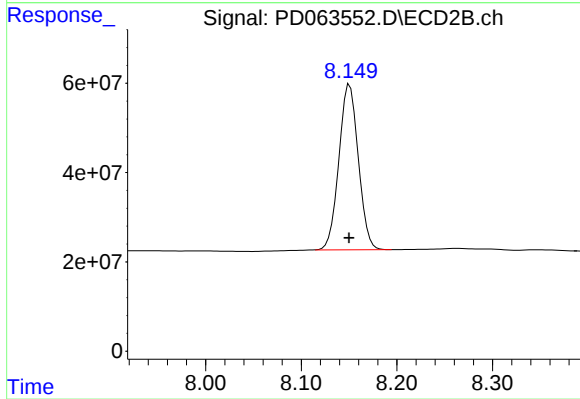
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 813599076
Conc: 55.64 ng/ml



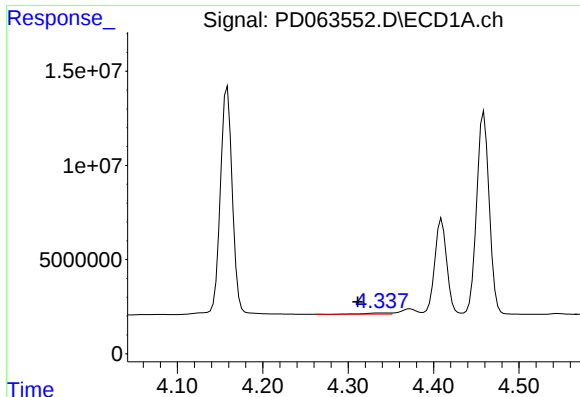
#22 Mirex

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 74772939
Conc: 65.14 ng/ml



#22 Mirex

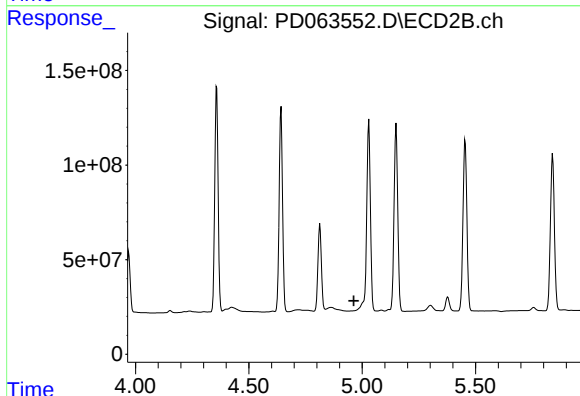
R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 523496502
Conc: 52.35 ng/ml



#23 Chlordane-1

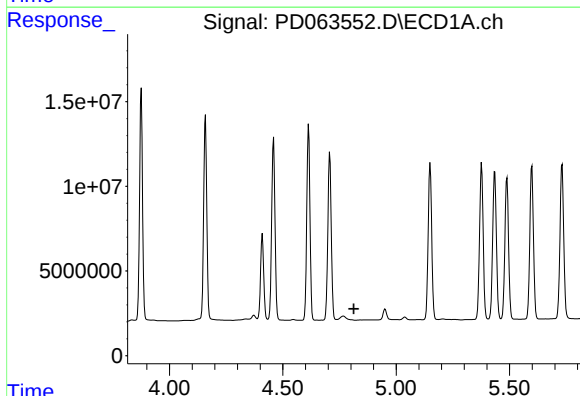
R.T.: 4.338 min
Delta R.T.: 0.027 min
Response: 1234823
Conc: 25.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
FAM4-WC1MSD



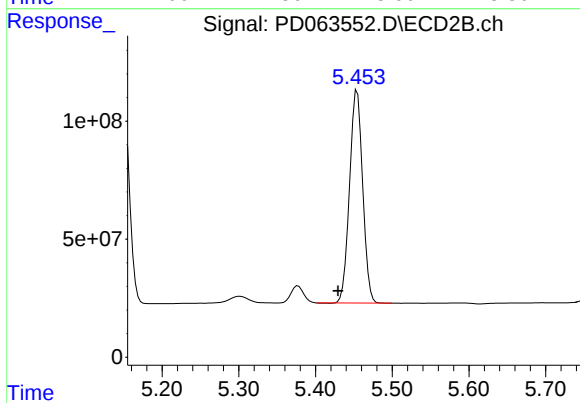
#23 Chlordane-1

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



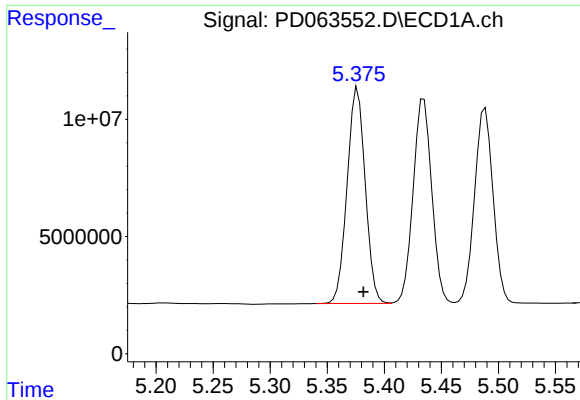
#24 Chlordane-2

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



#24 Chlordane-2

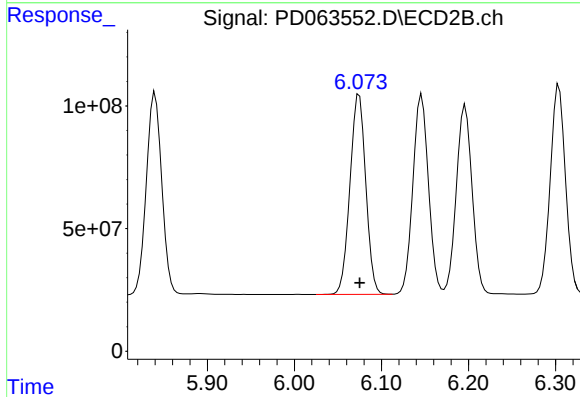
R.T.: 5.454 min
Delta R.T.: 0.025 min
Response: 1078639491
Conc: 1927.97 ng/ml



#25 Chlordane-3

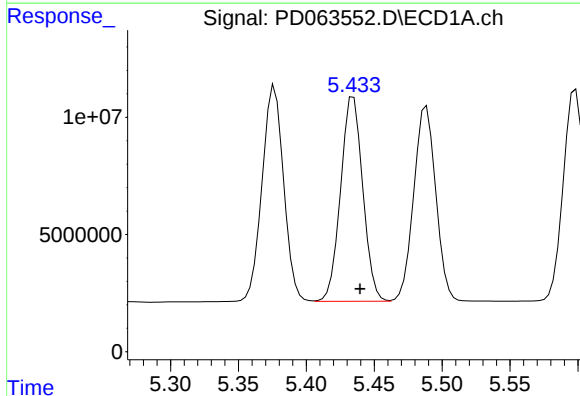
R.T.: 5.377 min
Delta R.T.: -0.005 min
Response: 101661267
Conc: 597.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
FAM4-WC1MSD



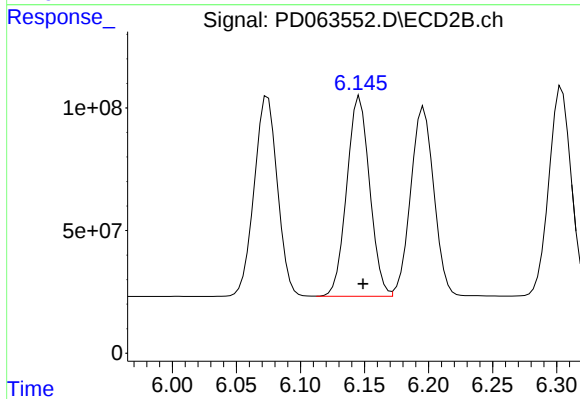
#25 Chlordane-3

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 1031665705
Conc: 417.58 ng/ml



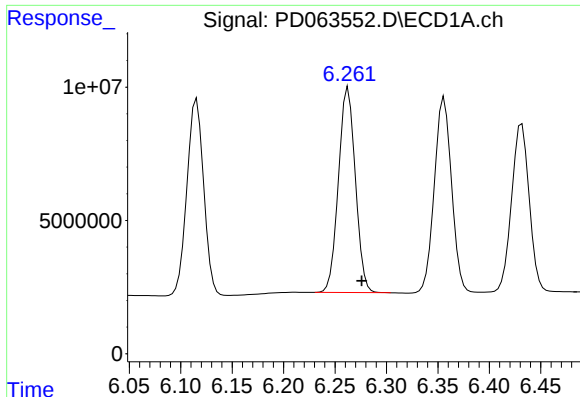
#26 Chlordane-4

R.T.: 5.435 min
Delta R.T.: -0.005 min
Response: 99200882
Conc: 711.72 ng/ml



#26 Chlordane-4

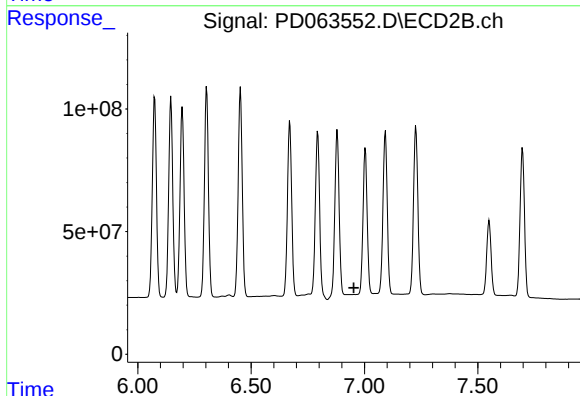
R.T.: 6.146 min
Delta R.T.: -0.003 min
Response: 1013132024
Conc: 354.45 ng/ml



#27 Chlordane-5

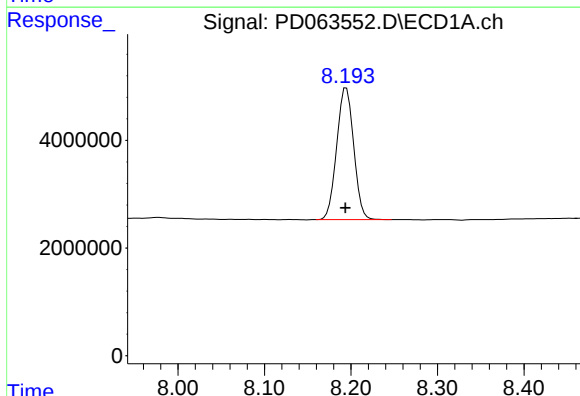
R.T.: 6.263 min
Delta R.T.: -0.013 min
Response: 87999946
Conc: 1589.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
FAM4-WC1MSD



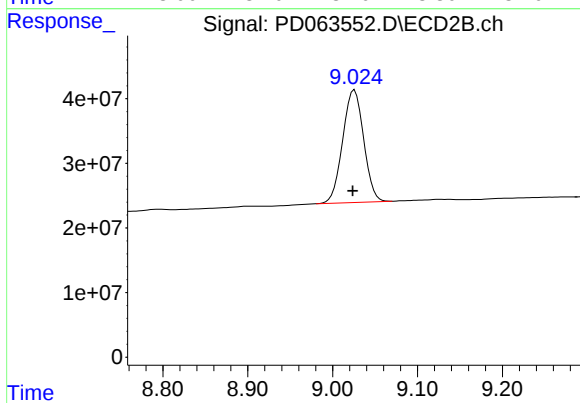
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 33267815
Conc: 21.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.002 min
Response: 299176334
Conc: 21.65 ng/ml