

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
 Data File : PD090296.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 14:37
 Operator : AR\AJ
 Sample : Q3091-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 12/9B-COMPMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 02:47:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.547	2.876	84644187	884.6E6	28.841	40.115 #
28)	SA Decachlor...	9.066	8.063	81608080	535.8E6	18.909	20.700
Target Compounds							
2)	A alpha-BHC	3.996	3.388	274.5E6	1911.7E6	45.739	56.327
3)	MA gamma-BHC...	0.000	3.724	0	1580.3E6	N.D.	50.699 #
4)	MA Heptachlor	4.925	4.077	256.2E6	1585.3E6	45.682	50.824
5)	MB Aldrin	5.266	4.362	239.5E6	1569.9E6	44.239	51.548
6)	B beta-BHC	4.513	4.020	97443642	674.3E6	43.443	50.584
7)	B delta-BHC	4.761	4.256	254.1E6	1580.6E6	49.071	50.097
8)	B Heptachlo...	5.686	4.866	221.2E6	1417.9E6	45.078	51.198
9)	A Endosulfan I	6.070	5.240	207.7E6	1344.4E6	45.011	51.272
10)	B gamma-Chl...	5.941	5.119	220.5E6	1529.0E6	45.093	51.636
11)	B alpha-Chl...	6.022	5.183	218.9E6	1476.3E6	44.460	51.732
12)	B 4,4'-DDE	6.191	5.367	205.5E6	1524.2E6	46.822	52.882
13)	MA Dieldrin	6.342	5.505	205.6E6	1515.0E6	41.987	51.729
14)	MA Endrin	0.000	5.782	0	1379.9E6	N.D.	51.813 #
15)	B Endosulfa...	6.782	6.073	191.4E6	1310.2E6	45.352	51.798
16)	A 4,4'-DDD	6.701	5.922	157.6E6	1196.0E6	45.562	49.741
17)	MA 4,4'-DDT	7.016	6.176	165.9E6	1348.0E6	43.540	53.770
18)	B Endrin al...	6.911	6.252	139.1E6	969.2E6	48.498	56.283
19)	B Endosulfa...	7.145	6.474	111.5E6	1249.7E6	28.449	51.260 #
20)	A Methoxychlor	7.489	6.746	89022679	665.3E6	44.387	51.588
21)	B Endrin ke...	7.626	6.983	190.0E6	1379.3E6	45.834	51.766
22)	Mirex	8.109	7.176	142.8E6	1063.2E6	45.282	51.474
23)	Chlordane-1	4.687f	3.897	386031	5709570	2.248	6.423 #
24)	Chlordane-2	5.217f	4.500	99298	20507439	0.564	21.408 #
25)	Chlordane-3	5.941	5.119	220.5E6	1529.0E6	325.195	551.799 #
26)	Chlordane-4	6.022	5.183	218.9E6	1476.3E6	263.597	613.365 #
27)	Chlordane-5	0.000	6.073	0	1310.2E6	N.D.	1191.128 #

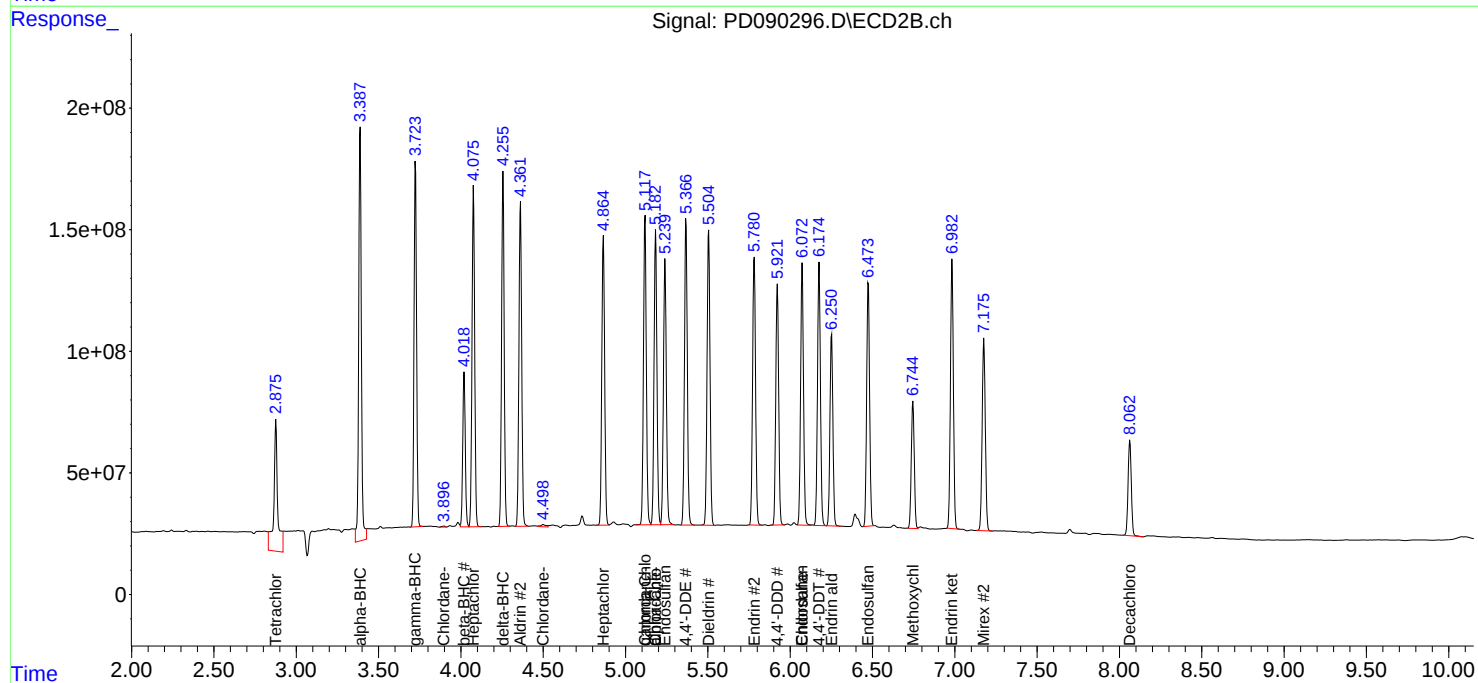
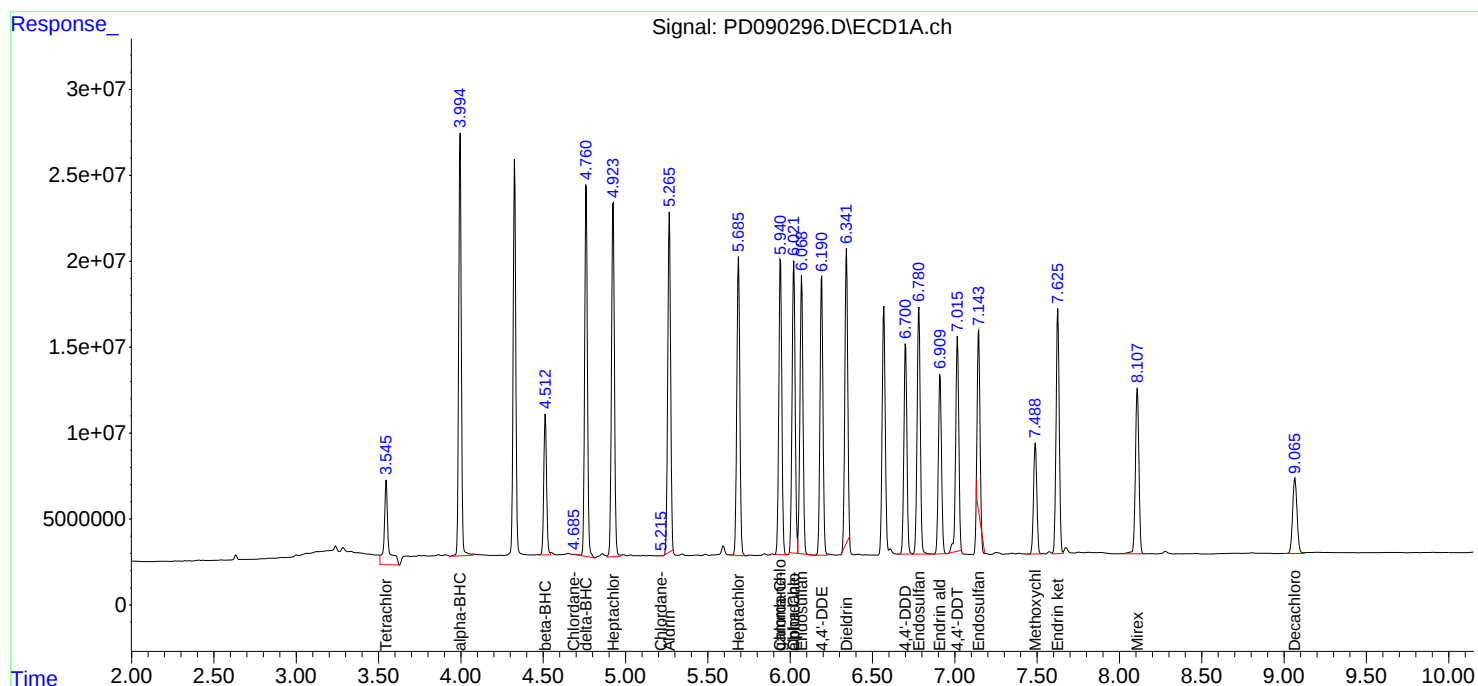
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

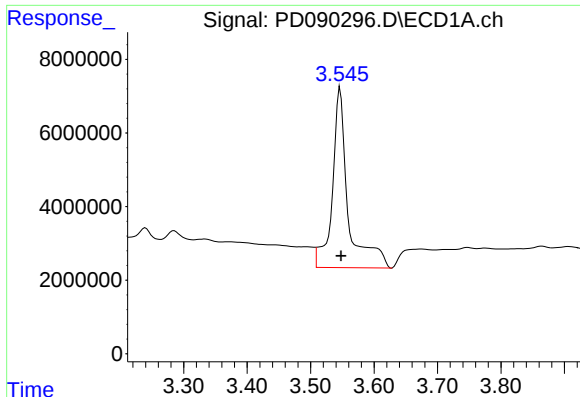
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
Data File : PD090296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Sep 2025 14:37
Operator : AR\AJ
Sample : Q3091-08MSD
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 02:47:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

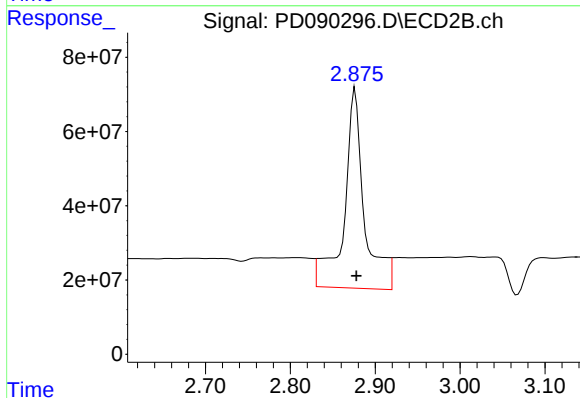




#1 Tetrachloro-m-xylene

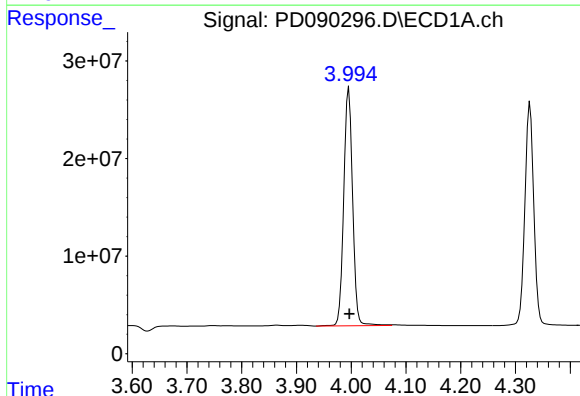
R.T.: 3.547 min
Delta R.T.: -0.001 min
Response: 84644187
Conc: 28.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD



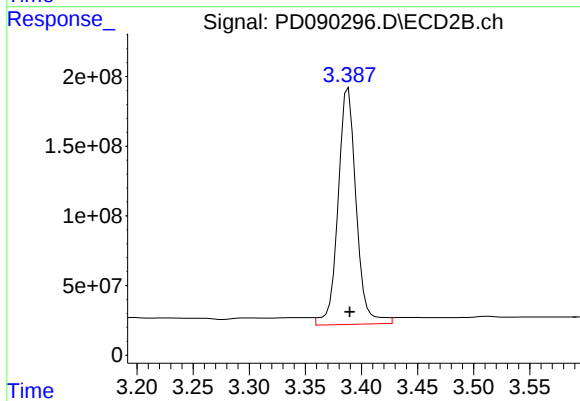
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.001 min
Response: 884560845
Conc: 40.12 ng/ml



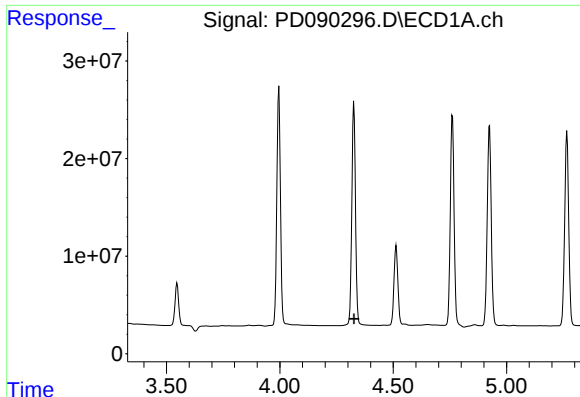
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.001 min
Response: 274537840
Conc: 45.74 ng/ml



#2 alpha-BHC

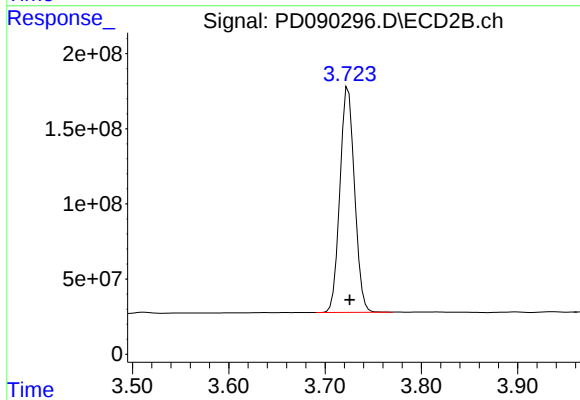
R.T.: 3.388 min
Delta R.T.: -0.001 min
Response: 1911674924
Conc: 56.33 ng/ml



#3 gamma-BHC (Lindane)

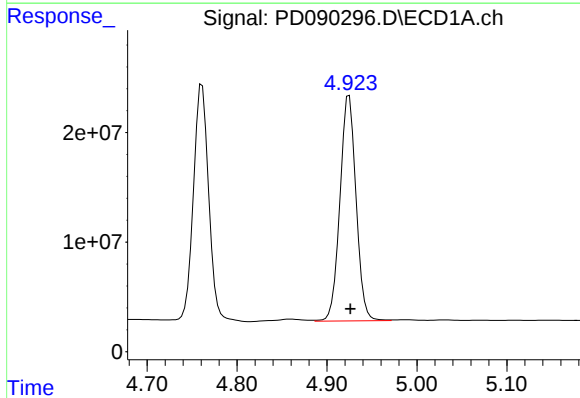
R.T.: 0.000 min
Exp R.T.: 4.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD



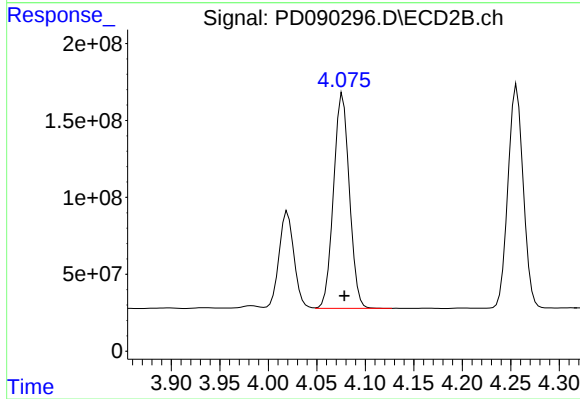
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.001 min
Response: 1580309172
Conc: 50.70 ng/ml



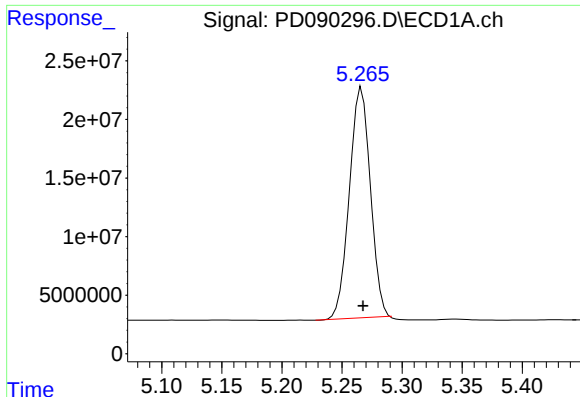
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 256237551
Conc: 45.68 ng/ml



#4 Heptachlor

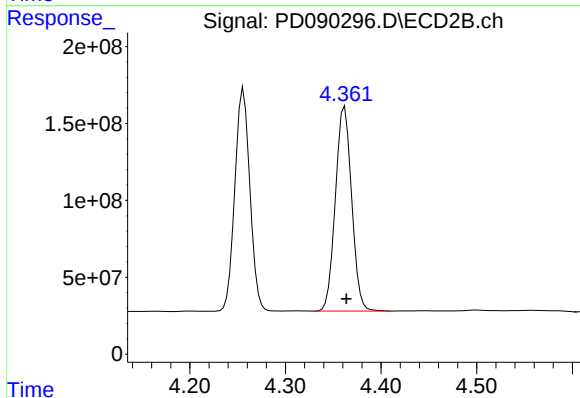
R.T.: 4.077 min
Delta R.T.: -0.002 min
Response: 1585295729
Conc: 50.82 ng/ml



#5 Aldrin

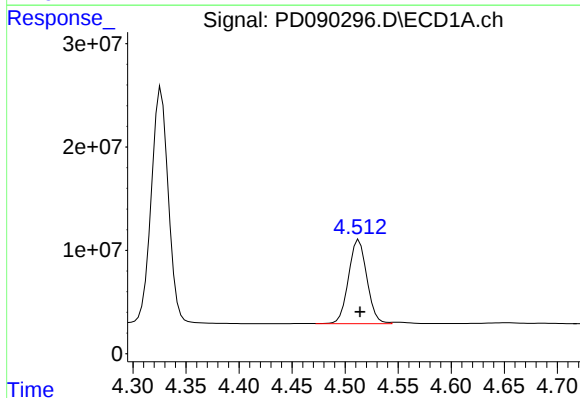
R.T.: 5.266 min
Delta R.T.: -0.001 min
Response: 239534851
Conc: 44.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD



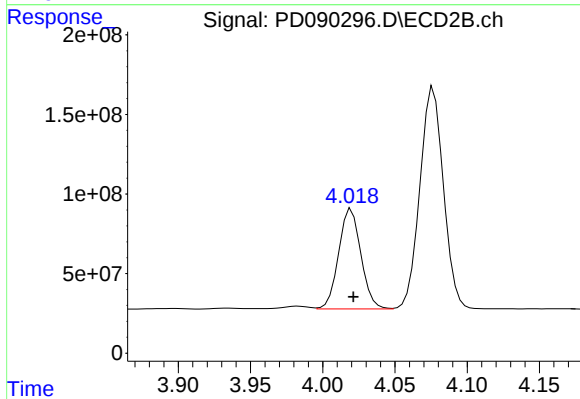
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 1569924377
Conc: 51.55 ng/ml



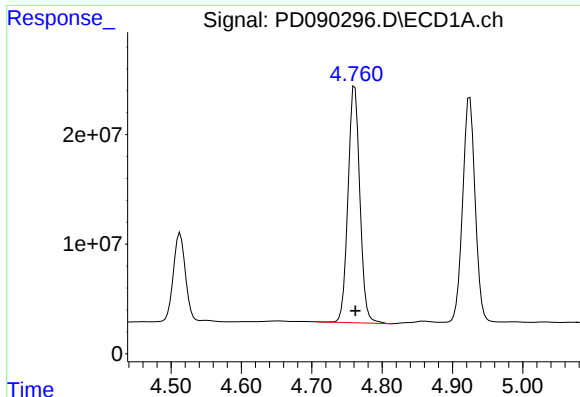
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 97443642
Conc: 43.44 ng/ml



#6 beta-BHC

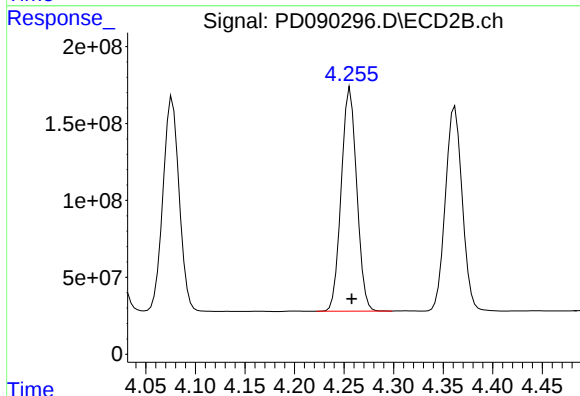
R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 674300353
Conc: 50.58 ng/ml



#7 delta-BHC

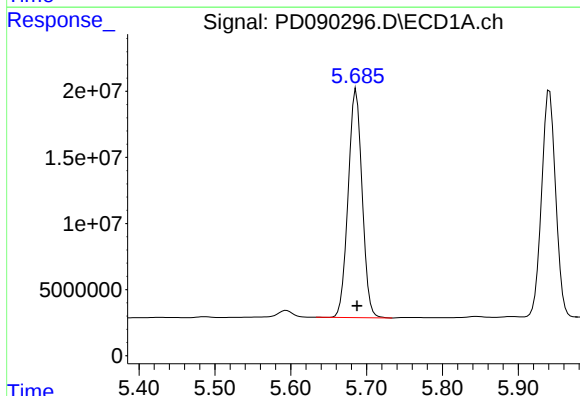
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 254075865
Conc: 49.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD



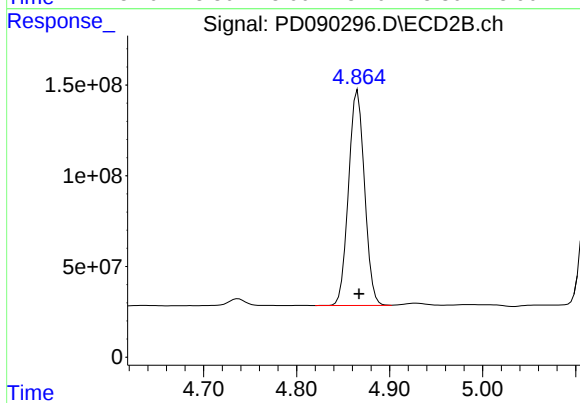
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.002 min
Response: 1580561837
Conc: 50.10 ng/ml



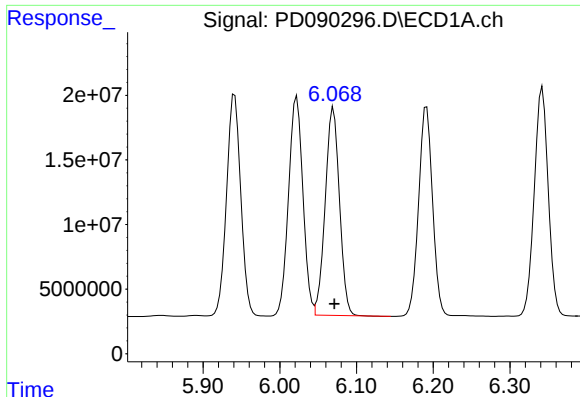
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.001 min
Response: 221188636
Conc: 45.08 ng/ml



#8 Heptachlor epoxide

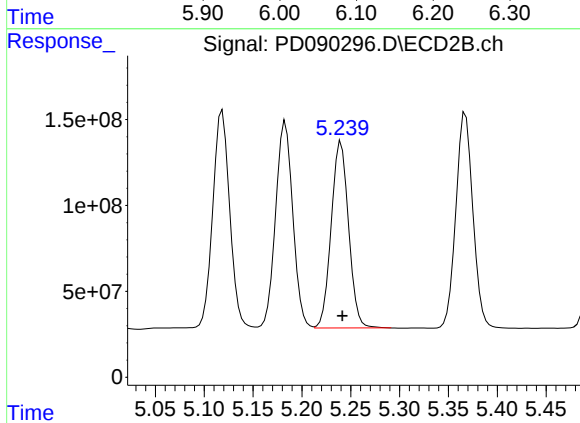
R.T.: 4.866 min
Delta R.T.: -0.002 min
Response: 1417925716
Conc: 51.20 ng/ml



#9 Endosulfan I

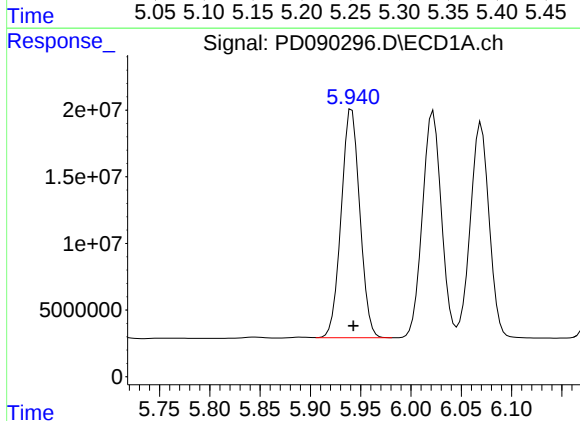
R.T.: 6.070 min
Delta R.T.: -0.001 min
Response: 207721816
Conc: 45.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD



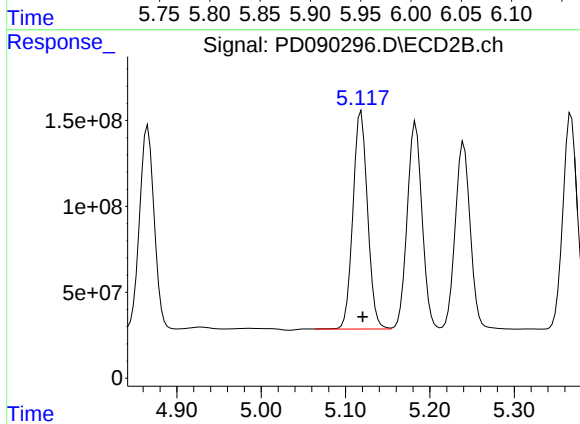
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 1344440916
Conc: 51.27 ng/ml



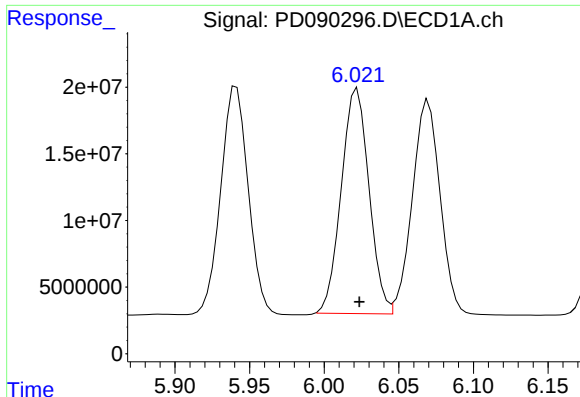
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 220548441
Conc: 45.09 ng/ml



#10 gamma-Chlordane

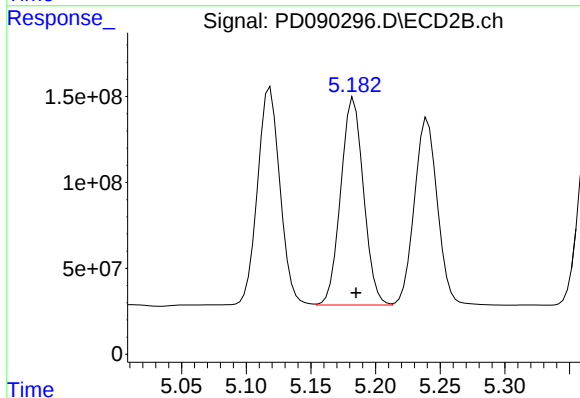
R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 1529014770
Conc: 51.64 ng/ml



#11 alpha-Chlordane

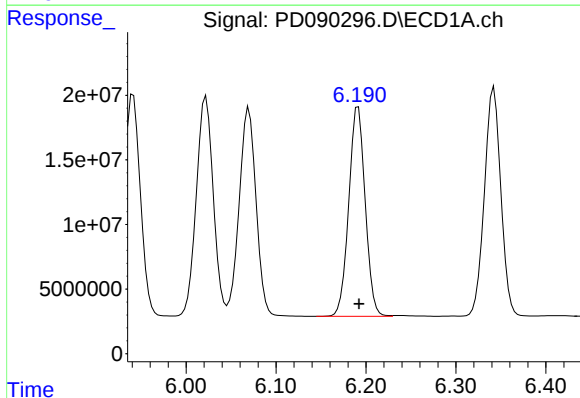
R.T.: 6.022 min
Delta R.T.: -0.001 min
Response: 218851044
Conc: 44.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD



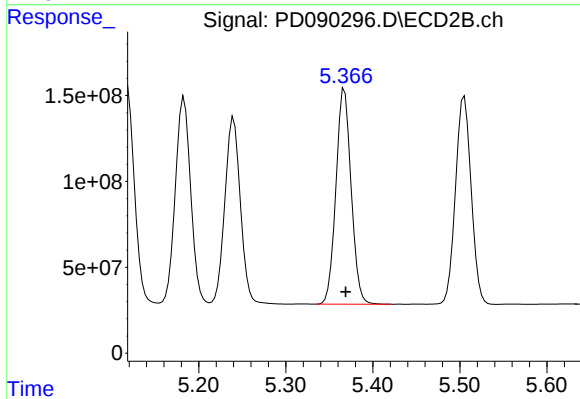
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 1476322775
Conc: 51.73 ng/ml



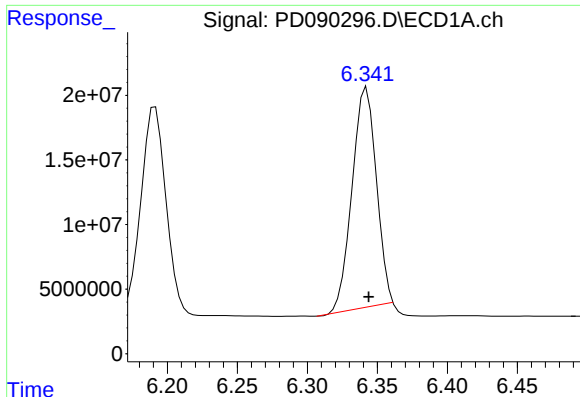
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.001 min
Response: 205469163
Conc: 46.82 ng/ml



#12 4,4'-DDE

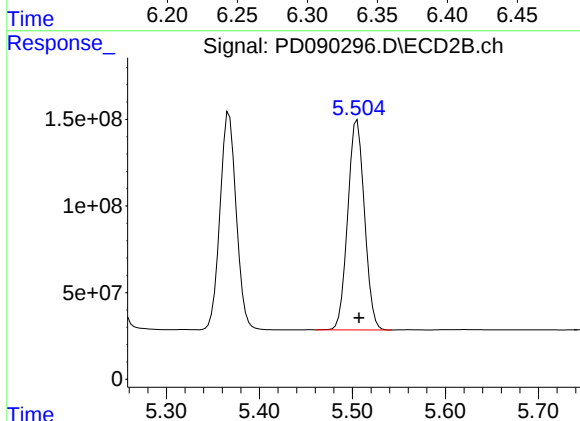
R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 1524209878
Conc: 52.88 ng/ml



#13 Dieldrin

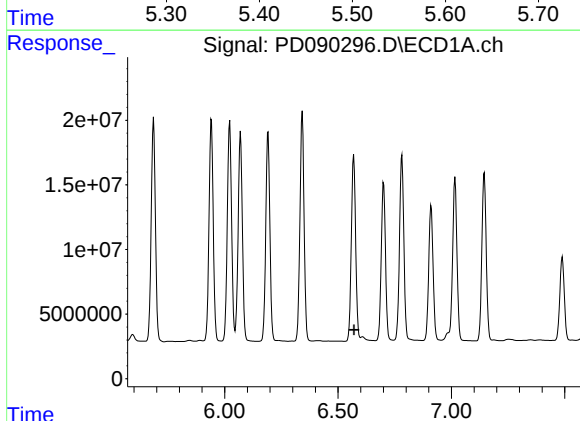
R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 205556718
Conc: 41.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD



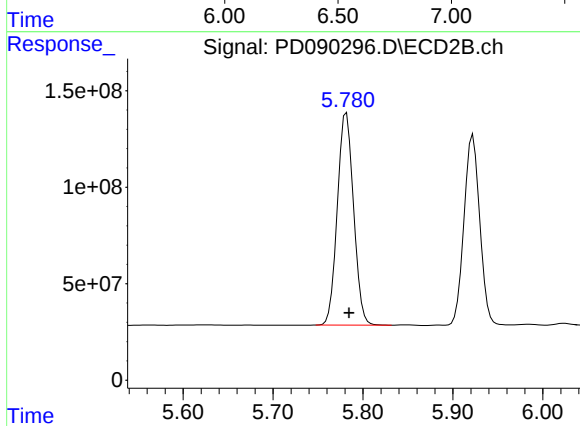
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 1515008784
Conc: 51.73 ng/ml



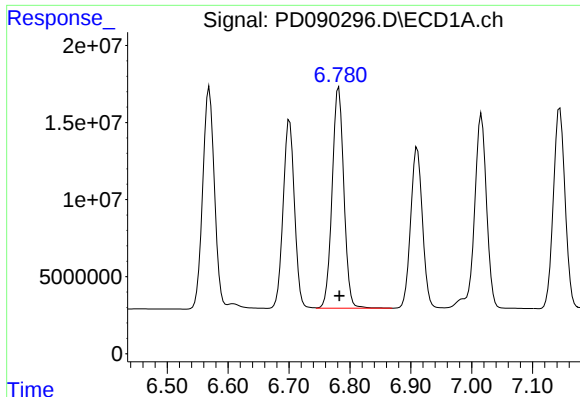
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.571 min
Response: 0
Conc: N.D.



#14 Endrin

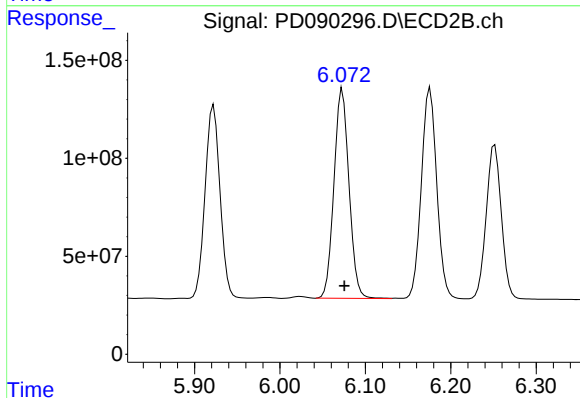
R.T.: 5.782 min
Delta R.T.: -0.003 min
Response: 1379900423
Conc: 51.81 ng/ml



#15 Endosulfan II

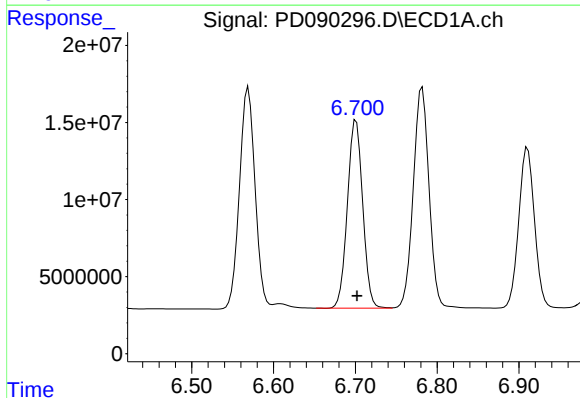
R.T.: 6.782 min
Delta R.T.: -0.001 min
Response: 191371262
Conc: 45.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD



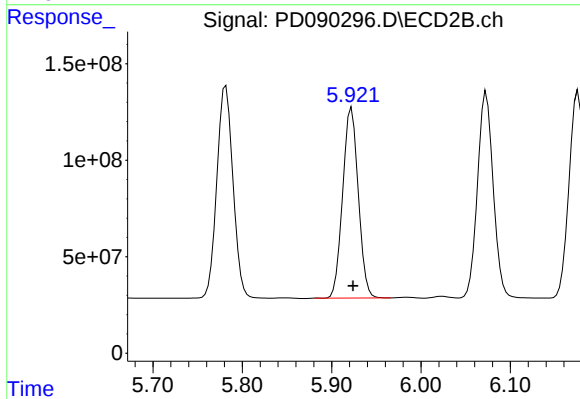
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 1310203621
Conc: 51.80 ng/ml



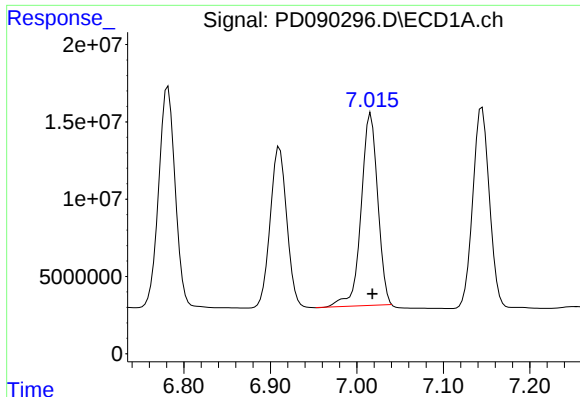
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.001 min
Response: 157605101
Conc: 45.56 ng/ml



#16 4,4'-DDD

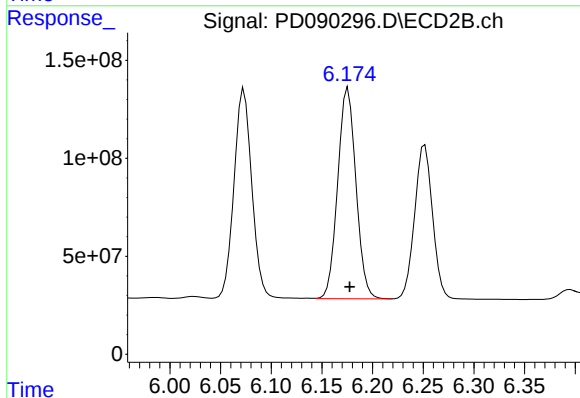
R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 1195968527
Conc: 49.74 ng/ml



#17 4,4'-DDT

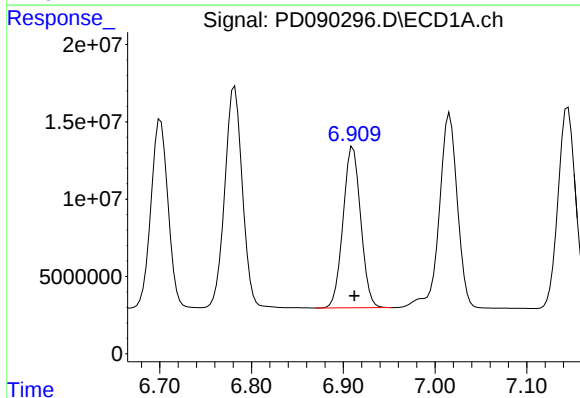
R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 165876908
Conc: 43.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD



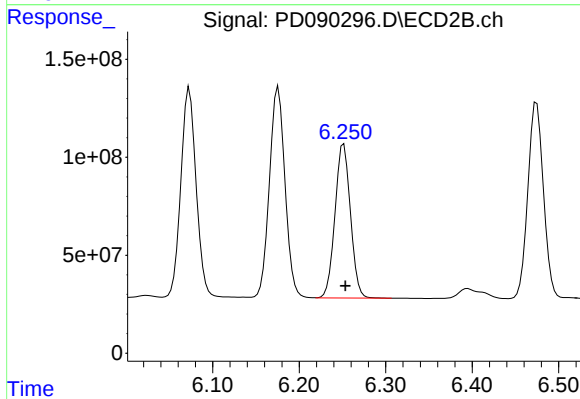
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 1347992217
Conc: 53.77 ng/ml



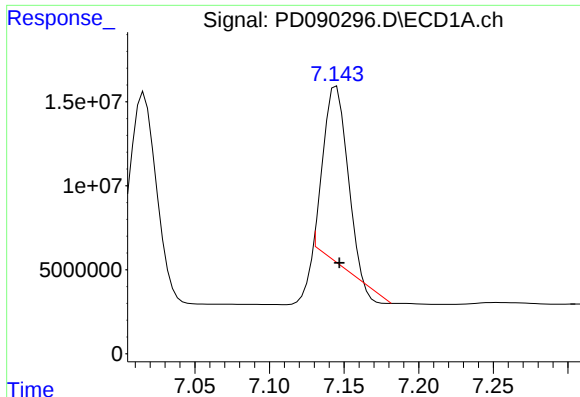
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: -0.001 min
Response: 139051053
Conc: 48.50 ng/ml



#18 Endrin aldehyde

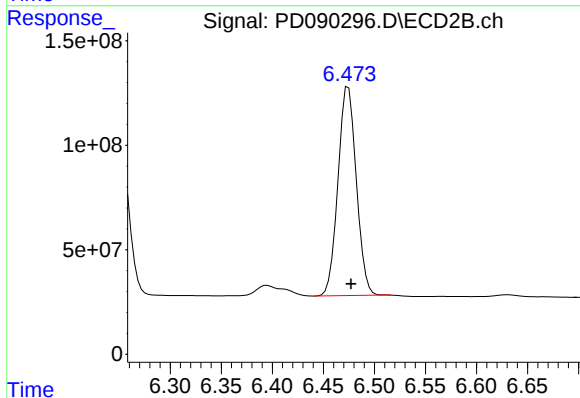
R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 969183301
Conc: 56.28 ng/ml



#19 Endosulfan Sulfate

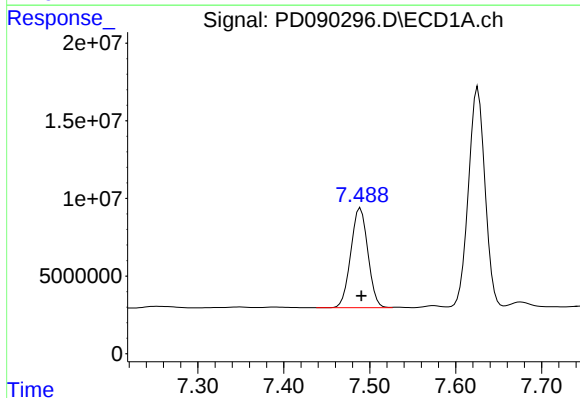
R.T.: 7.145 min
Delta R.T.: -0.002 min
Response: 111476879
Conc: 28.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD



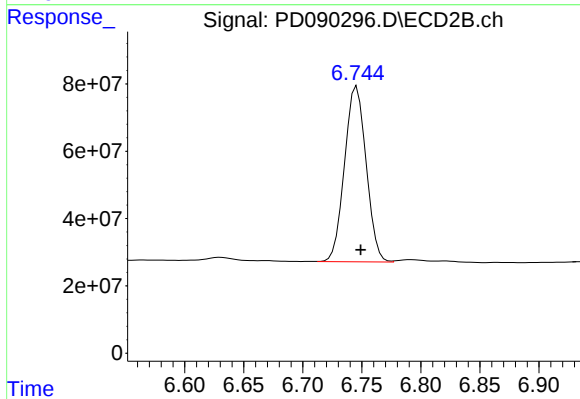
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 1249705875
Conc: 51.26 ng/ml



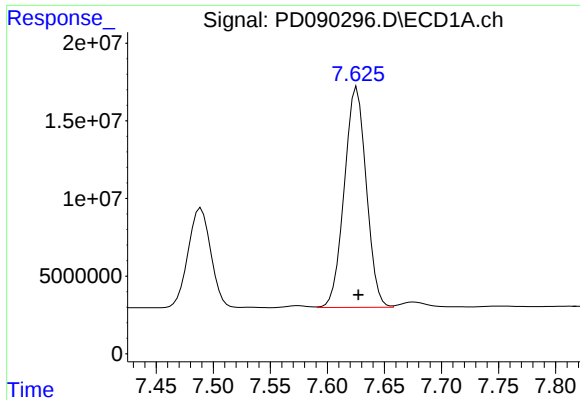
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.001 min
Response: 89022679
Conc: 44.39 ng/ml



#20 Methoxychlor

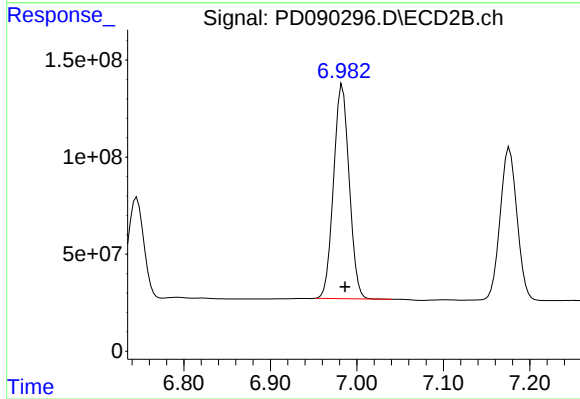
R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 665263395
Conc: 51.59 ng/ml



#21 Endrin ketone

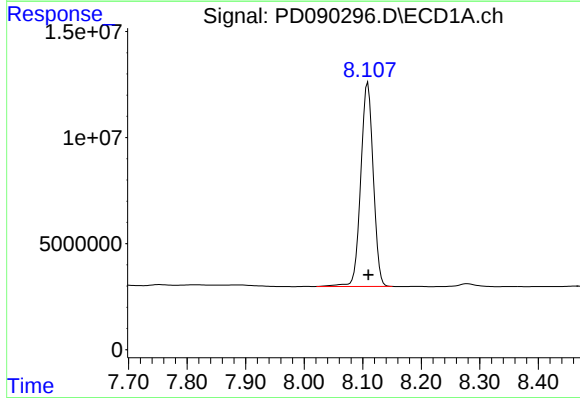
R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 189961120
Conc: 45.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD



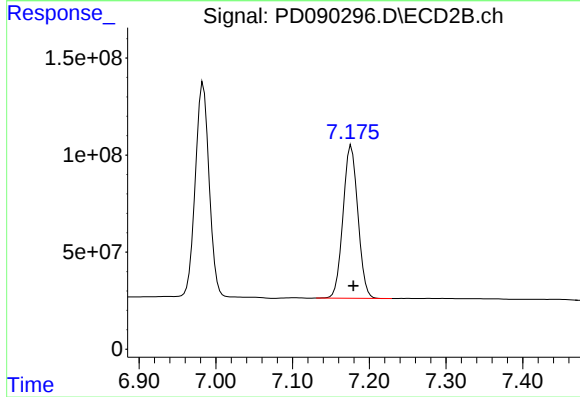
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.003 min
Response: 1379287191
Conc: 51.77 ng/ml



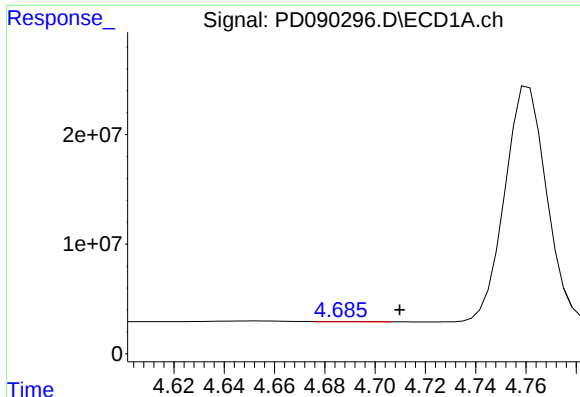
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 142841517
Conc: 45.28 ng/ml



#22 Mirex

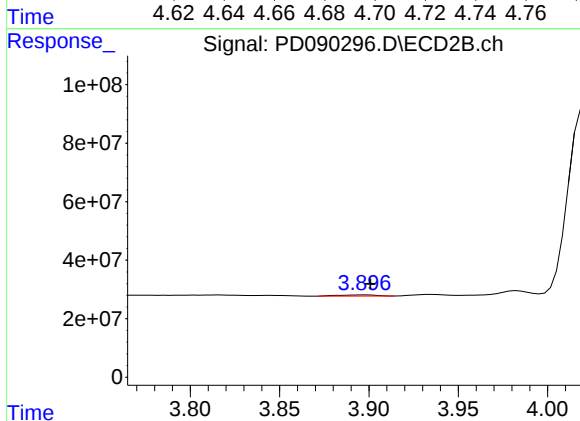
R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 1063227471
Conc: 51.47 ng/ml



#23 Chlordane-1

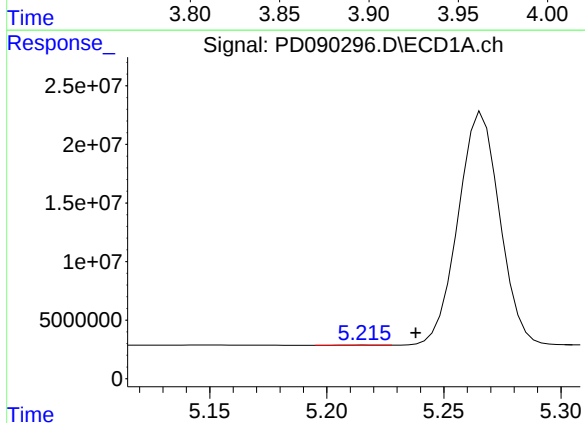
R.T.: 4.687 min
Delta R.T.: -0.023 min
Response: 386031
Conc: 2.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD



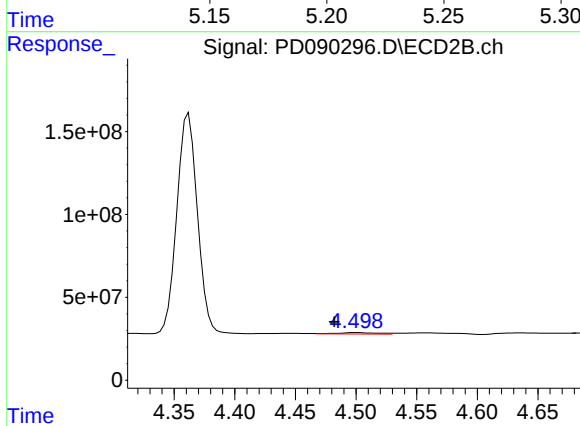
#23 Chlordane-1

R.T.: 3.897 min
Delta R.T.: -0.003 min
Response: 5709570
Conc: 6.42 ng/ml



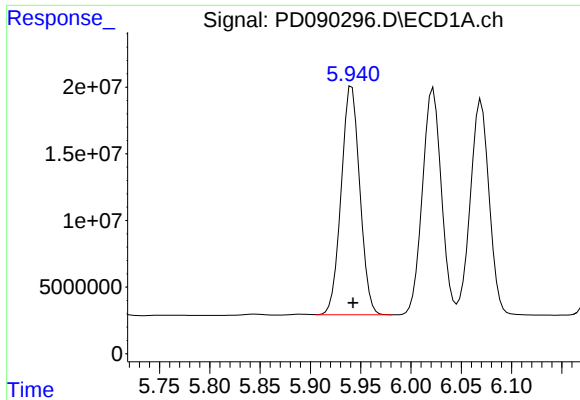
#24 Chlordane-2

R.T.: 5.217 min
Delta R.T.: -0.021 min
Response: 99298
Conc: 0.56 ng/ml



#24 Chlordane-2

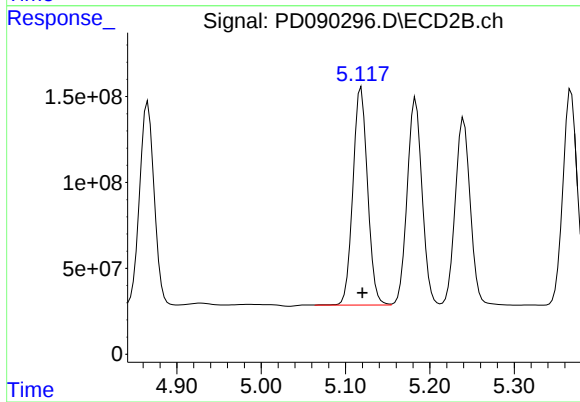
R.T.: 4.500 min
Delta R.T.: 0.018 min
Response: 20507439
Conc: 21.41 ng/ml



#25 Chlordane-3

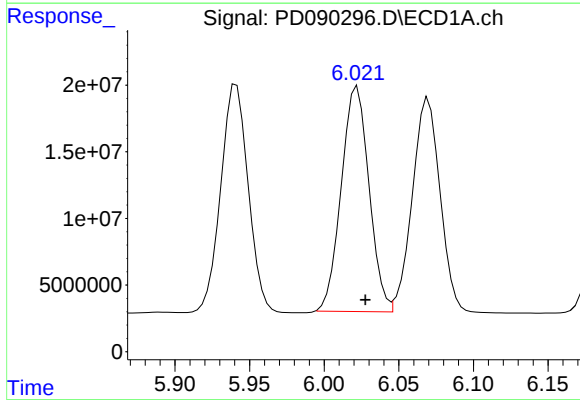
R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 220548441
Conc: 325.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD



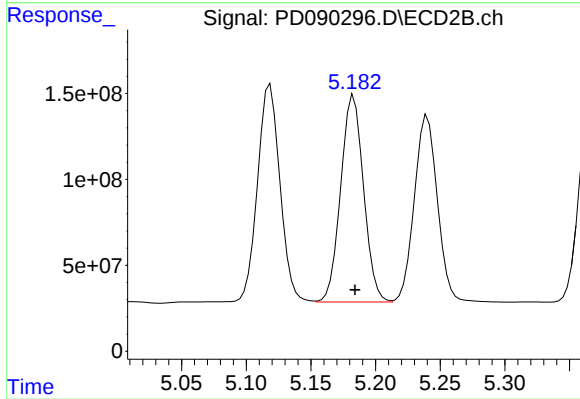
#25 Chlordane-3

R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 1529014770
Conc: 551.80 ng/ml



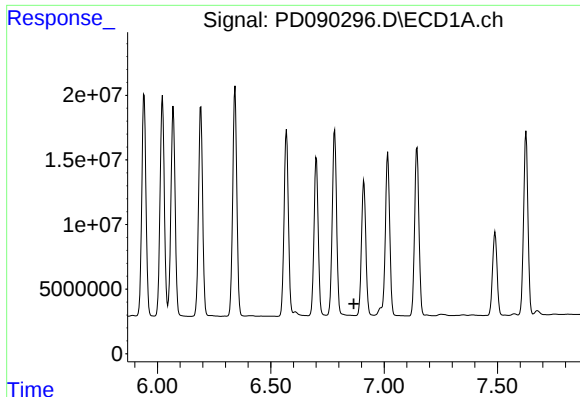
#26 Chlordane-4

R.T.: 6.022 min
Delta R.T.: -0.005 min
Response: 218851044
Conc: 263.60 ng/ml



#26 Chlordane-4

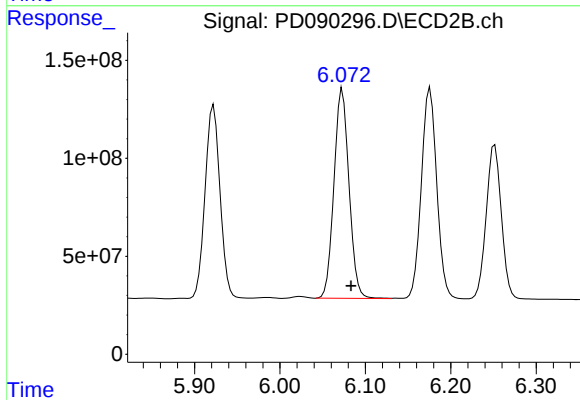
R.T.: 5.183 min
Delta R.T.: -0.001 min
Response: 1476322775
Conc: 613.37 ng/ml



#27 Chlordane-5

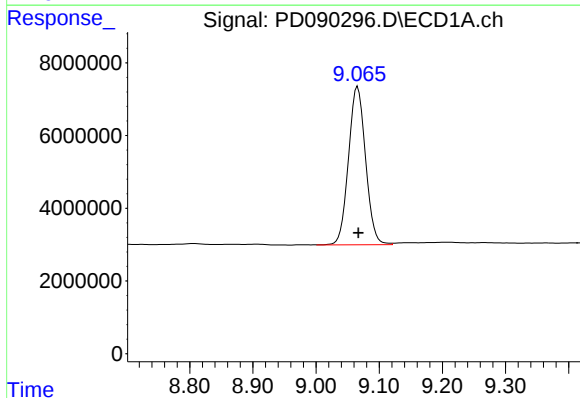
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMSD



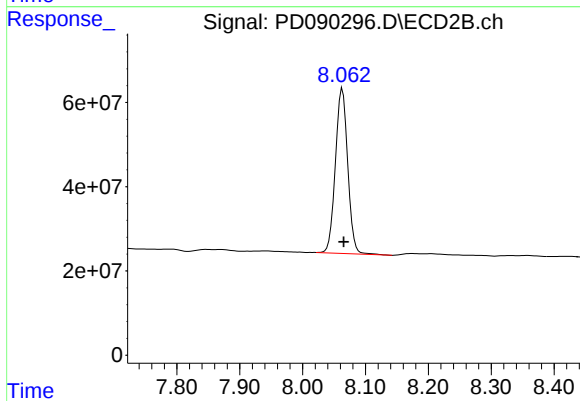
#27 Chlordane-5

R.T.: 6.073 min
Delta R.T.: -0.010 min
Response: 1310203621
Conc: 1191.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.001 min
Response: 81608080
Conc: 18.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 535832161
Conc: 20.70 ng/ml