

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
 Data File : PD091404.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 12:10
 Operator : AR\AJ
 Sample : PB170628BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170628BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 02:11:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.549	2.871	62457080	741.2E6	18.111	20.234
28)	SA Decachlor...	9.068	8.057	91518508	754.6E6	18.370	19.069
Target Compounds							
2)	A alpha-BHC	3.998	3.382	376.1E6	3121.8E6	47.043	49.394
3)	MA gamma-BHC...	4.329	3.718	351.3E6	2851.2E6	47.008	49.311
4)	MA Heptachlor	4.926	4.070	324.8E6	2500.9E6	45.359	45.299
5)	MB Aldrin	5.267	4.355	337.8E6	2814.0E6	46.553	49.842
6)	B beta-BHC	4.517	4.015	132.2E6	1169.7E6	45.486	48.682
7)	B delta-BHC	4.765	4.251	345.5E6	2808.8E6	46.487	48.032
8)	B Heptachlo...	5.688	4.859	303.1E6	2518.7E6	46.652	49.426
9)	A Endosulfan I	6.072	5.233	286.9E6	2385.9E6	46.704	49.860
10)	B gamma-Chl...	5.944	5.112	309.5E6	2752.2E6	47.607	50.382
11)	B alpha-Chl...	6.025	5.177	305.6E6	2608.9E6	44.403	49.853
12)	B 4,4'-DDE	6.194	5.361	274.3E6	2632.6E6	47.296	49.261
13)	MA Dieldrin	6.344	5.499	305.9E6	2651.5E6	47.321	48.820
14)	MA Endrin	6.572	5.776	209.6E6	1947.8E6	42.222	43.099
15)	B Endosulfa...	6.785	6.068	257.6E6	2301.8E6	46.331	49.310
16)	A 4,4'-DDD	6.704	5.916	224.0E6	2281.3E6	45.600	46.683
17)	MA 4,4'-DDT	7.019	6.170	181.7E6	1843.0E6	43.927	47.096
18)	B Endrin al...	6.914	6.246	193.8E6	1750.1E6	46.522	49.593
19)	B Endosulfa...	7.148	6.469	234.8E6	2180.5E6	45.639	48.634
20)	A Methoxychlor	7.493	6.740	86301891	802.3E6	39.691	40.013
21)	B Endrin ke...	7.629	6.979	268.7E6	2523.3E6	47.699	49.520
22)	Mirex	8.111	7.170	153.2E6	1516.2E6	43.080	45.750
23)	Chlordane-1	0.000	3.884	0	1030520	N.D.	0.599 #
24)	Chlordane-2	0.000	4.494	0	15848455	N.D.	9.051 #
25)	Chlordane-3	5.944	5.112	309.5E6	2752.2E6	320.756	478.352 #
26)	Chlordane-4	6.025	5.177	305.6E6	2608.9E6	254.424	545.386 #
27)	Chlordane-5	0.000	6.068	0	2301.8E6	N.D.	1134.318 #

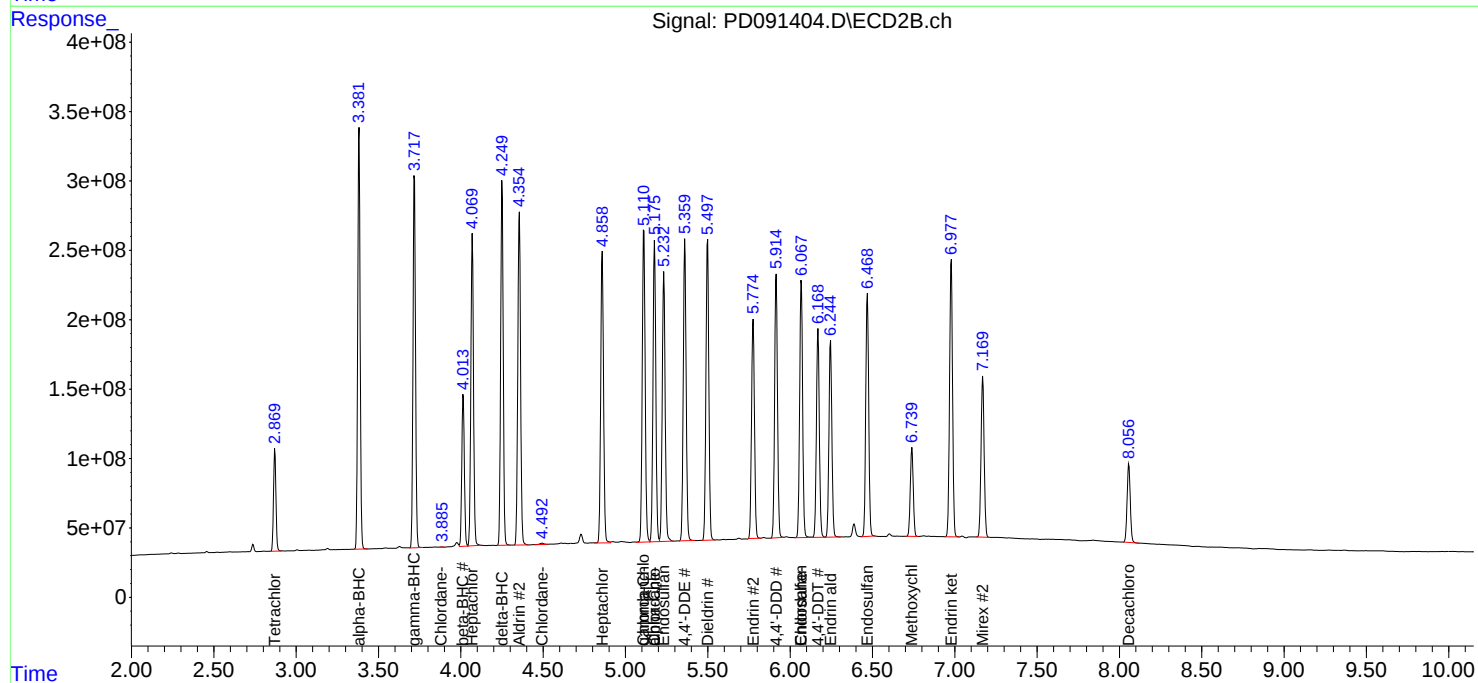
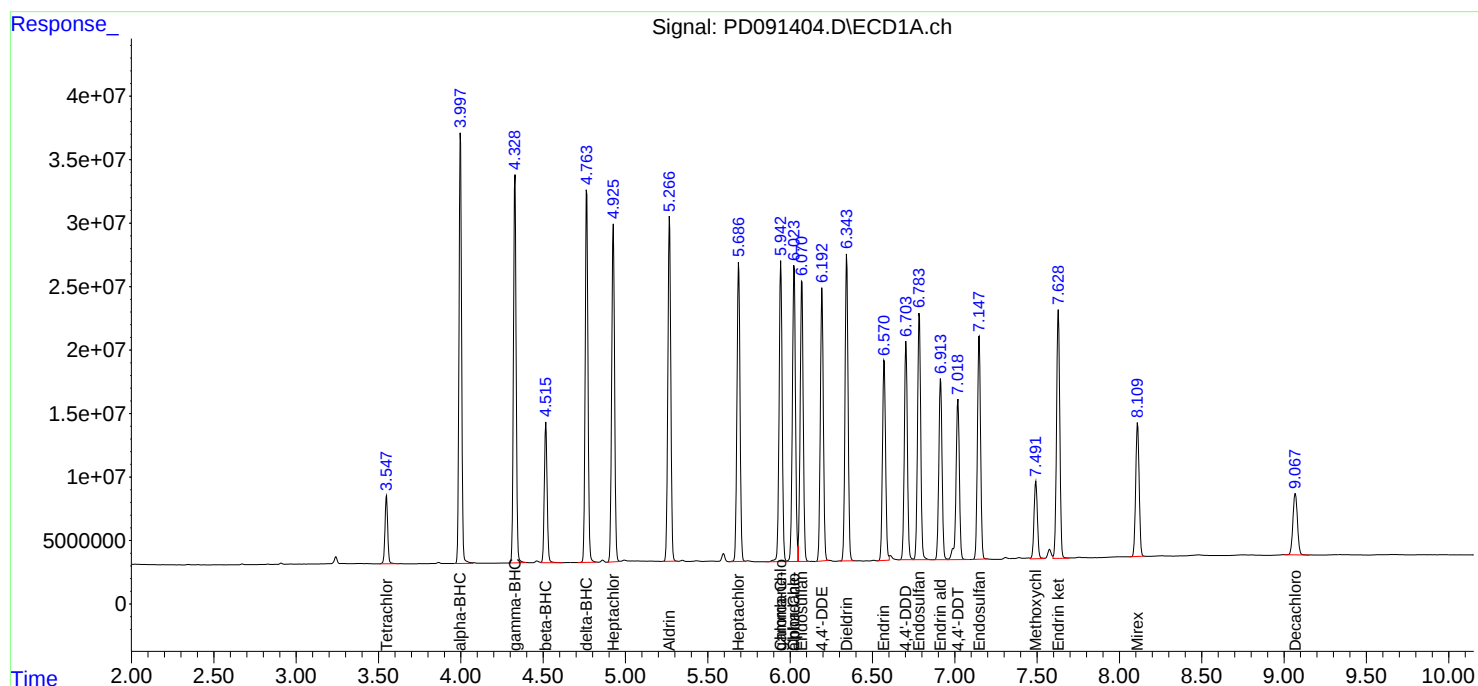
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

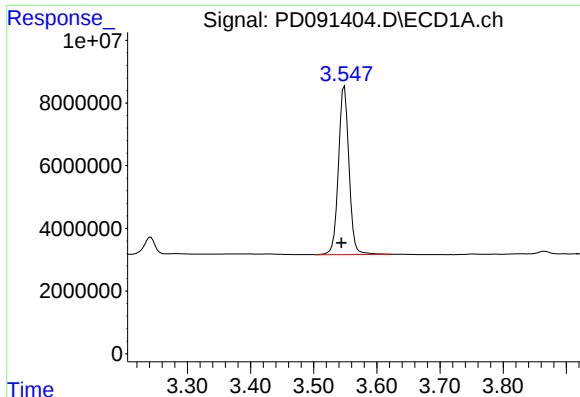
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091404.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 12:10
Operator : AR\AJ
Sample : PB170628BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170628BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:11:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

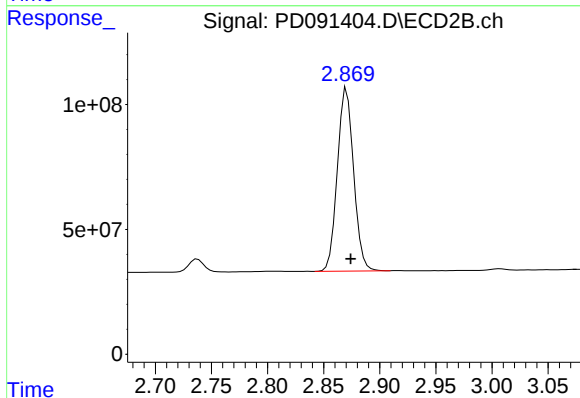




#1 Tetrachloro-m-xylene

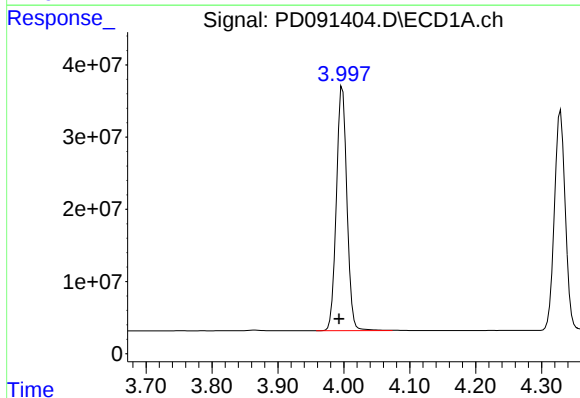
R.T.: 3.549 min
Delta R.T.: 0.005 min
Response: 62457080
Conc: 18.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



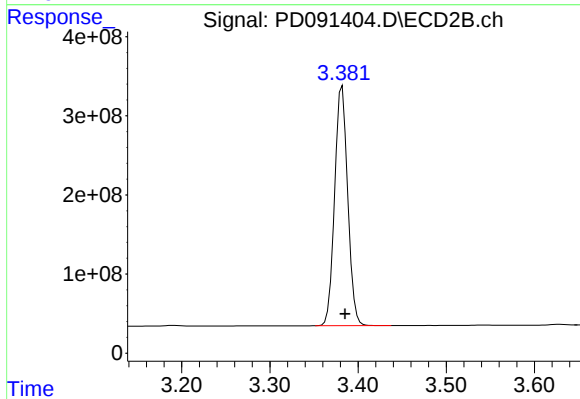
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.004 min
Response: 741180046
Conc: 20.23 ng/ml



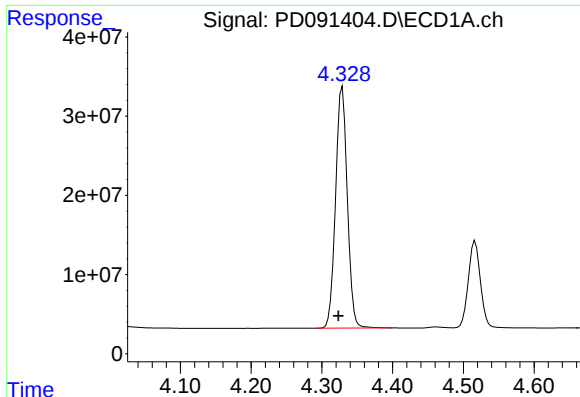
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.005 min
Response: 376136715
Conc: 47.04 ng/ml



#2 alpha-BHC

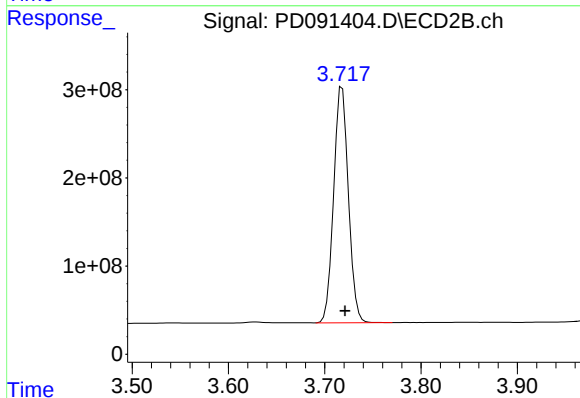
R.T.: 3.382 min
Delta R.T.: -0.003 min
Response: 3121824039
Conc: 49.39 ng/ml



#3 gamma-BHC (Lindane)

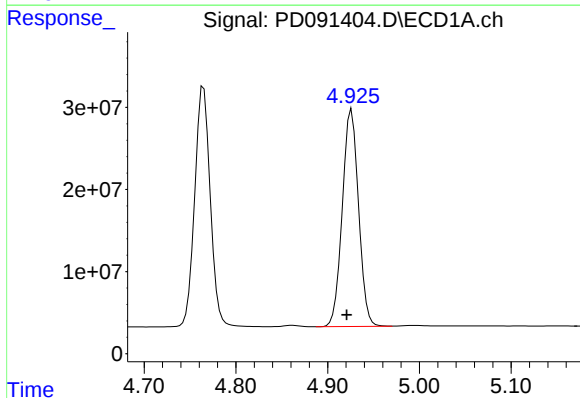
R.T.: 4.329 min
Delta R.T.: 0.005 min
Response: 351286920
Conc: 47.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



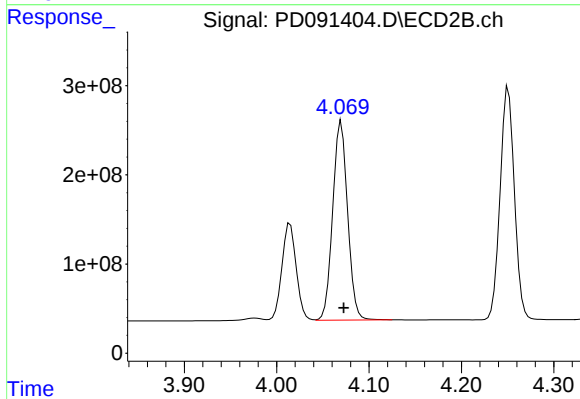
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.003 min
Response: 2851216902
Conc: 49.31 ng/ml



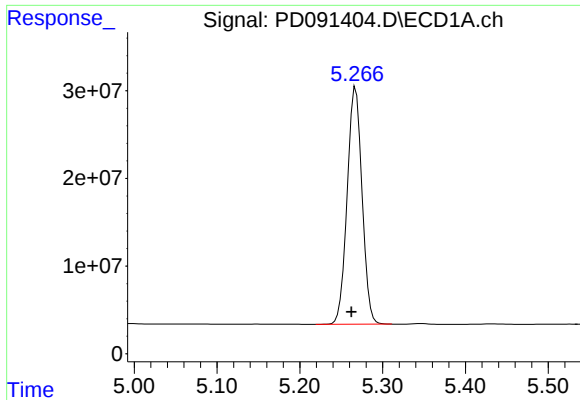
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.005 min
Response: 324845980
Conc: 45.36 ng/ml



#4 Heptachlor

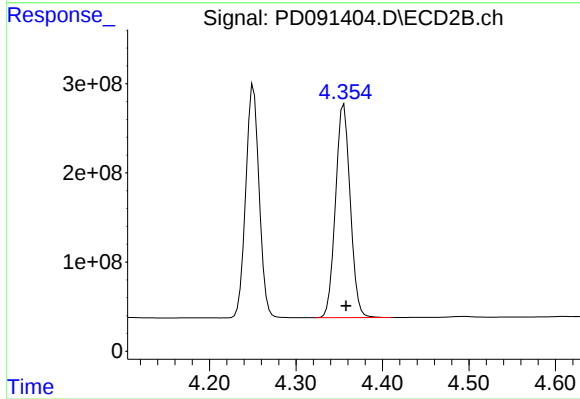
R.T.: 4.070 min
Delta R.T.: -0.003 min
Response: 2500939861
Conc: 45.30 ng/ml



#5 Aldrin

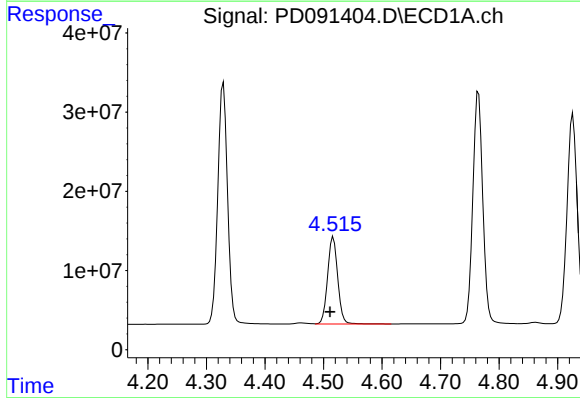
R.T.: 5.267 min
Delta R.T.: 0.005 min
Response: 337804785
Conc: 46.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



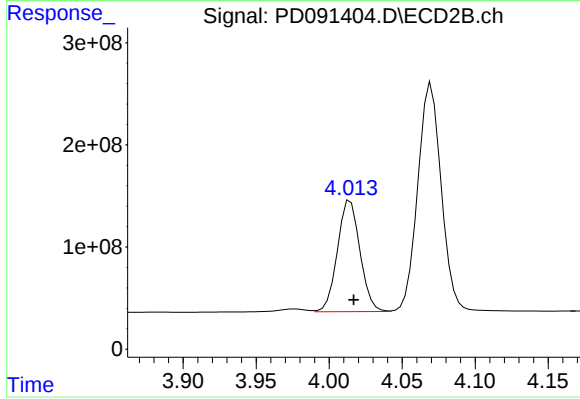
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: -0.002 min
Response: 2813981247
Conc: 49.84 ng/ml



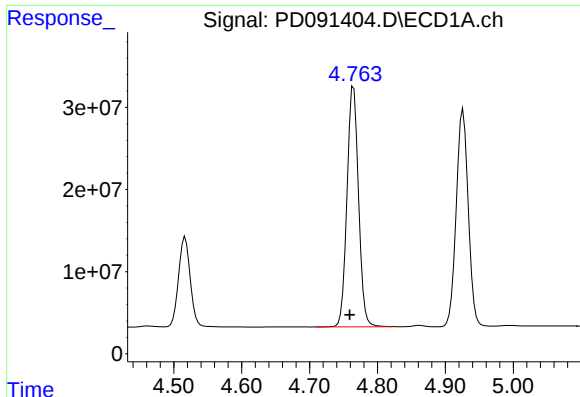
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.006 min
Response: 132159117
Conc: 45.49 ng/ml



#6 beta-BHC

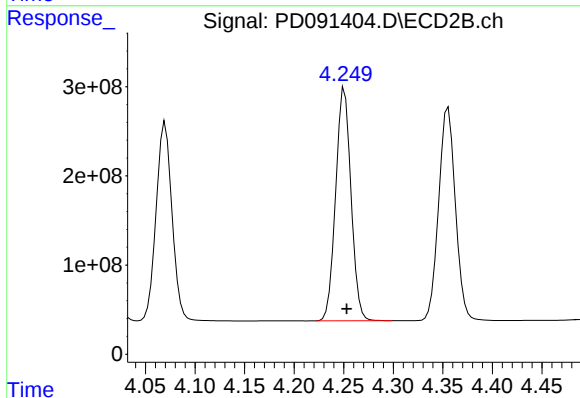
R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1169686156
Conc: 48.68 ng/ml



#7 delta-BHC

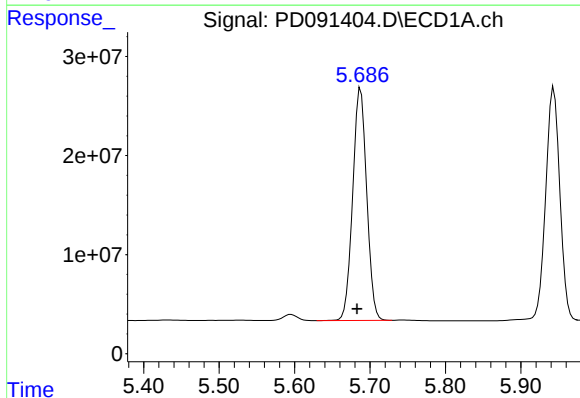
R.T.: 4.765 min
Delta R.T.: 0.006 min
Response: 345492776
Conc: 46.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



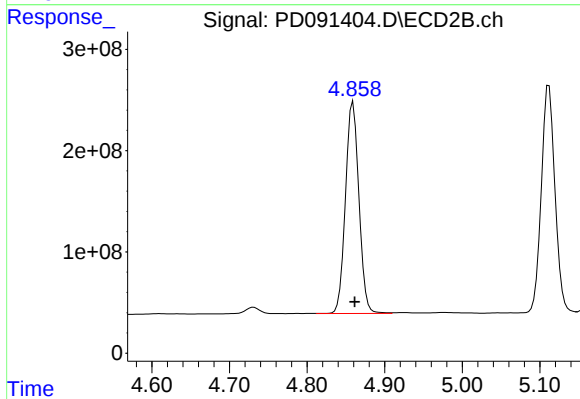
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 2808752717
Conc: 48.03 ng/ml



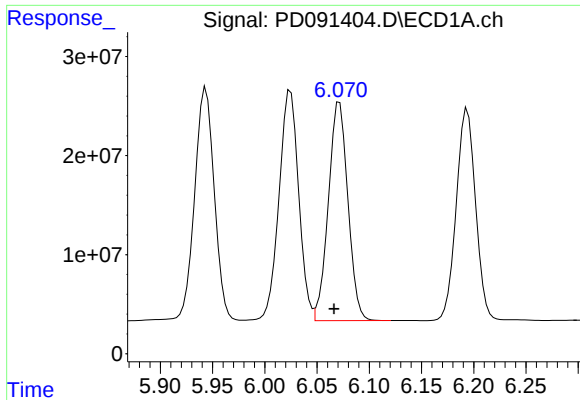
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.005 min
Response: 303085359
Conc: 46.65 ng/ml



#8 Heptachlor epoxide

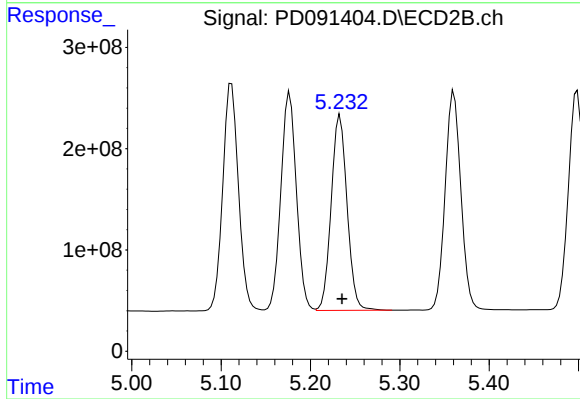
R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 2518691730
Conc: 49.43 ng/ml



#9 Endosulfan I

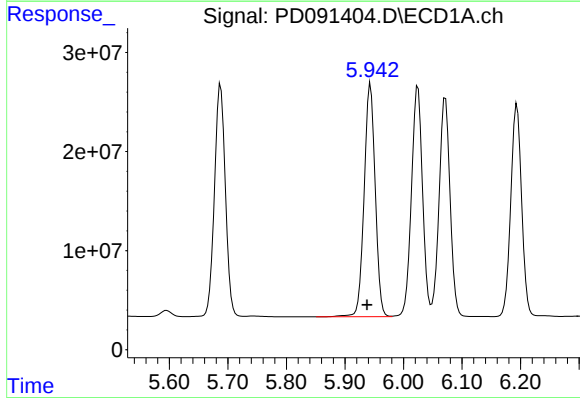
R.T.: 6.072 min
Delta R.T.: 0.005 min
Response: 286899247
Conc: 46.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



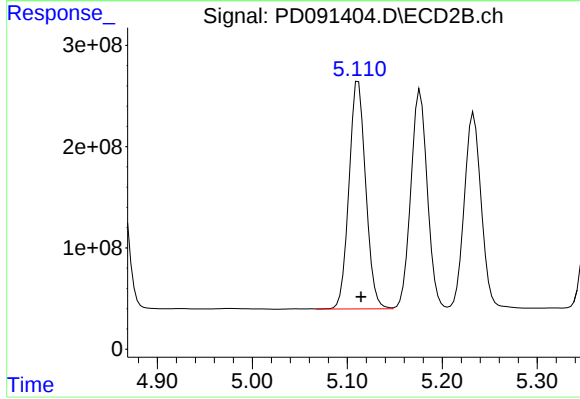
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 2385907185
Conc: 49.86 ng/ml



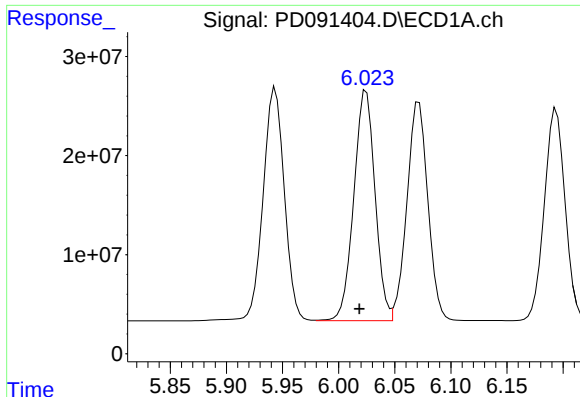
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.006 min
Response: 309479473
Conc: 47.61 ng/ml



#10 gamma-Chlordane

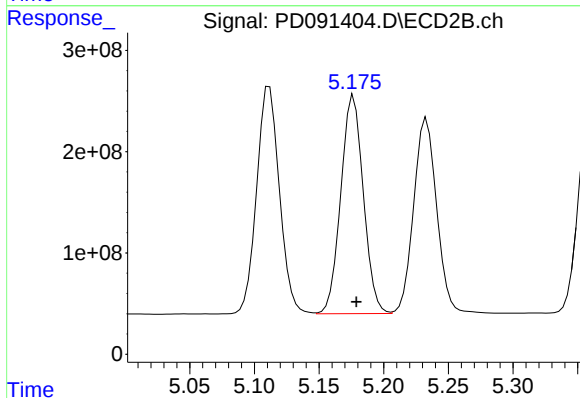
R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 2752238981
Conc: 50.38 ng/ml



#11 alpha-Chlordane

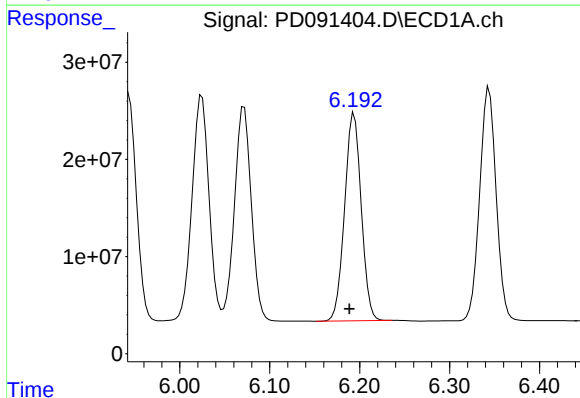
R.T.: 6.025 min
Delta R.T.: 0.006 min
Response: 305616001
Conc: 44.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



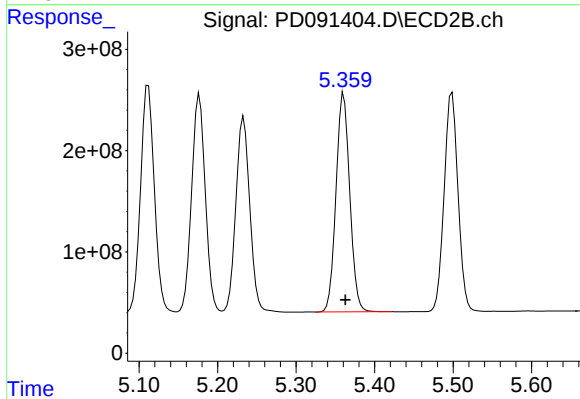
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2608889439
Conc: 49.85 ng/ml



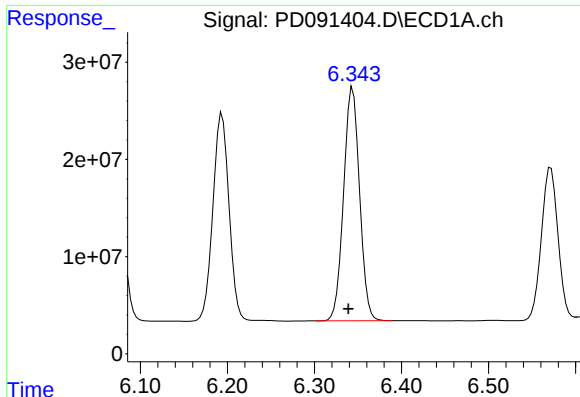
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.005 min
Response: 274286400
Conc: 47.30 ng/ml



#12 4,4'-DDE

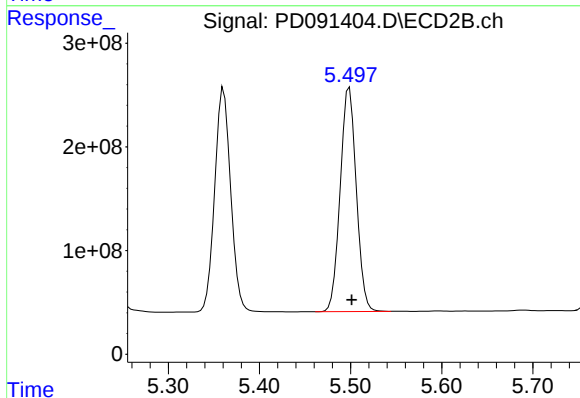
R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 2632593930
Conc: 49.26 ng/ml



#13 Dieldrin

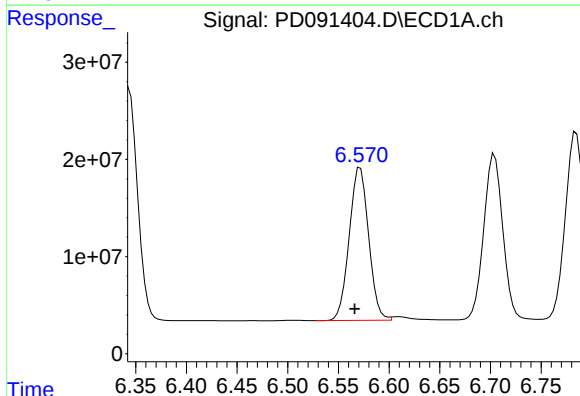
R.T.: 6.344 min
Delta R.T.: 0.005 min
Response: 305924077
Conc: 47.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



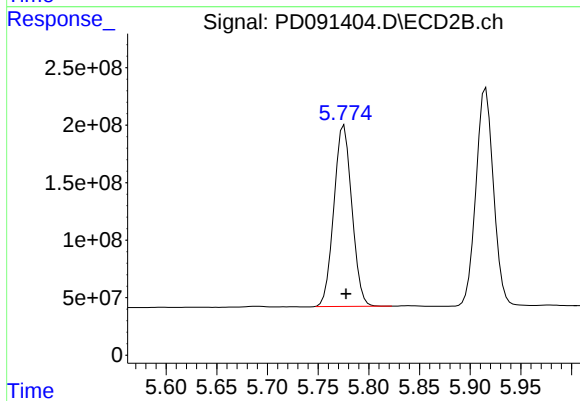
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 2651480884
Conc: 48.82 ng/ml



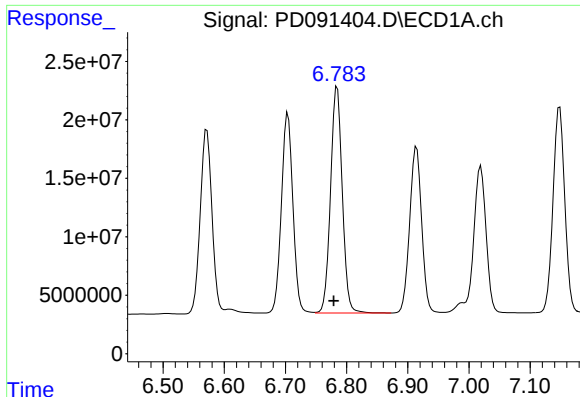
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.005 min
Response: 209570135
Conc: 42.22 ng/ml



#14 Endrin

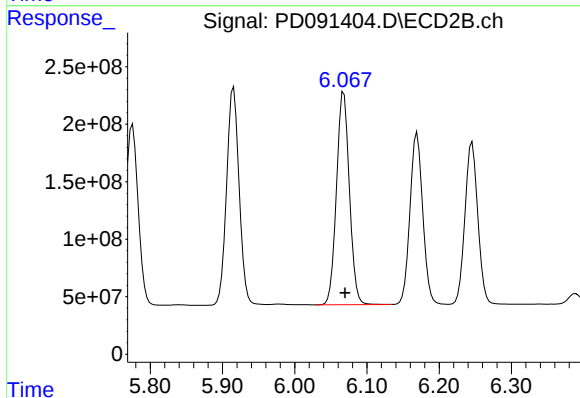
R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 1947760796
Conc: 43.10 ng/ml



#15 Endosulfan II

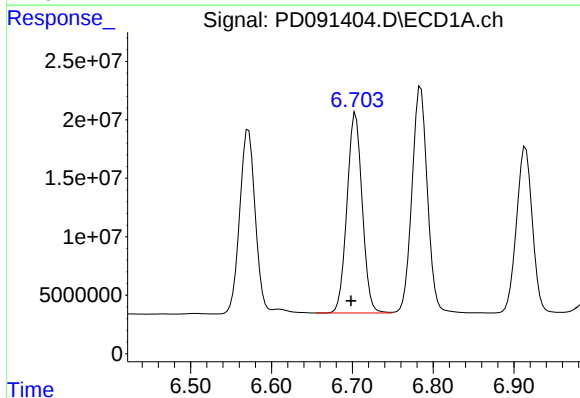
R.T.: 6.785 min
Delta R.T.: 0.005 min
Response: 257570551
Conc: 46.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



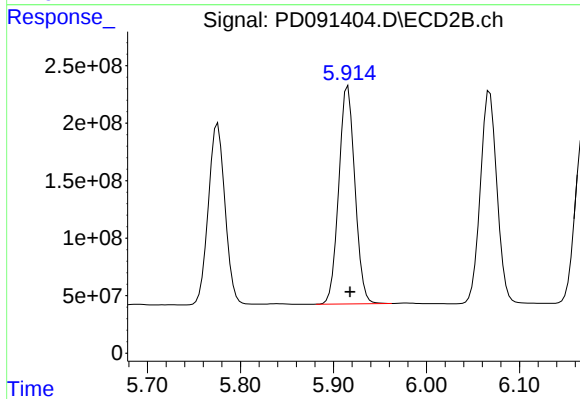
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 2301762734
Conc: 49.31 ng/ml



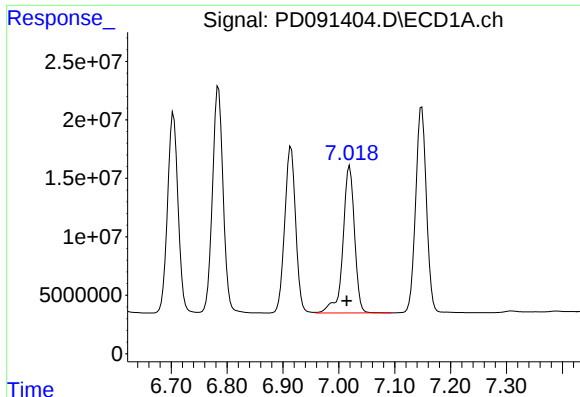
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.006 min
Response: 223964035
Conc: 45.60 ng/ml



#16 4,4'-DDD

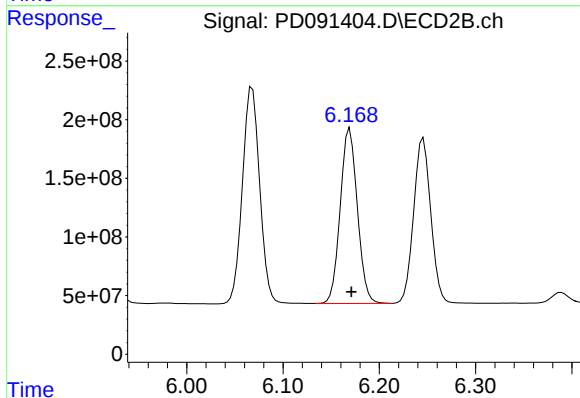
R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 2281307220
Conc: 46.68 ng/ml



#17 4,4'-DDT

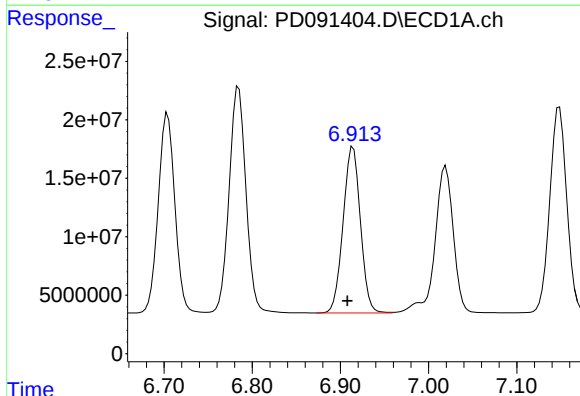
R.T.: 7.019 min
Delta R.T.: 0.005 min
Response: 181659935
Conc: 43.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



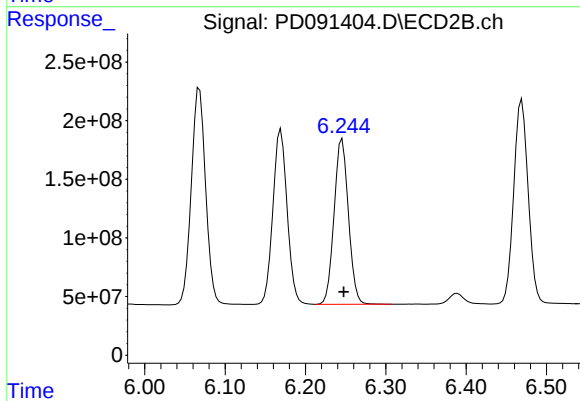
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 1842981611
Conc: 47.10 ng/ml



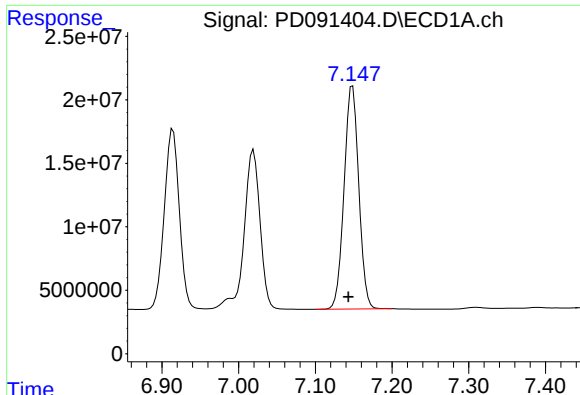
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.006 min
Response: 193811624
Conc: 46.52 ng/ml



#18 Endrin aldehyde

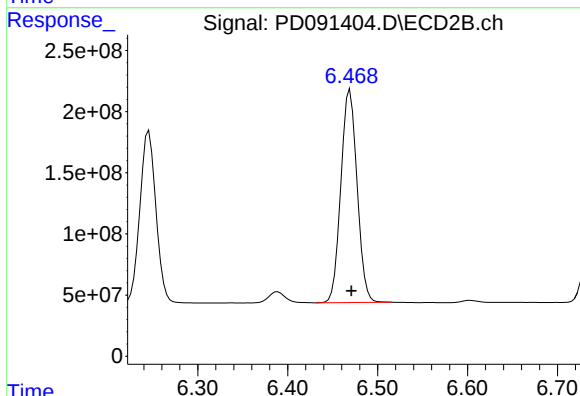
R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 1750085683
Conc: 49.59 ng/ml



#19 Endosulfan Sulfate

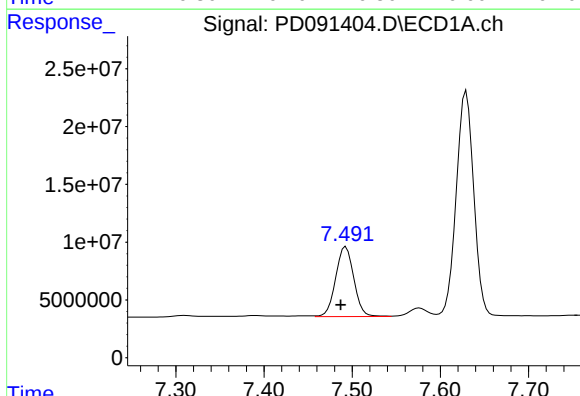
R.T.: 7.148 min
Delta R.T.: 0.005 min
Response: 234802810
Conc: 45.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



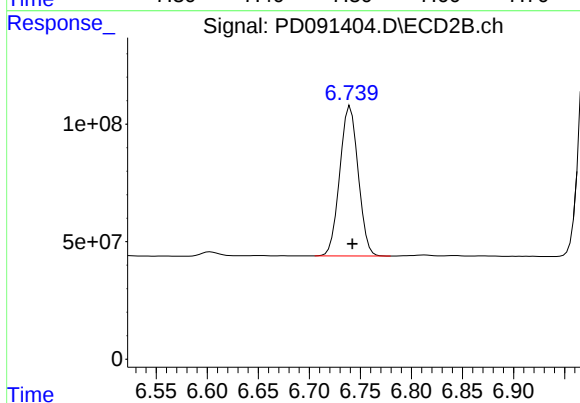
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 2180521432
Conc: 48.63 ng/ml



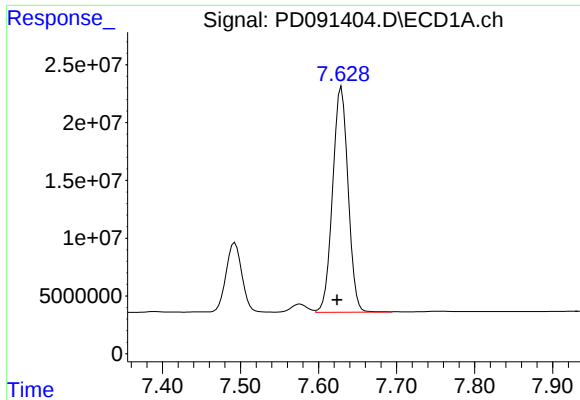
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.006 min
Response: 86301891
Conc: 39.69 ng/ml



#20 Methoxychlor

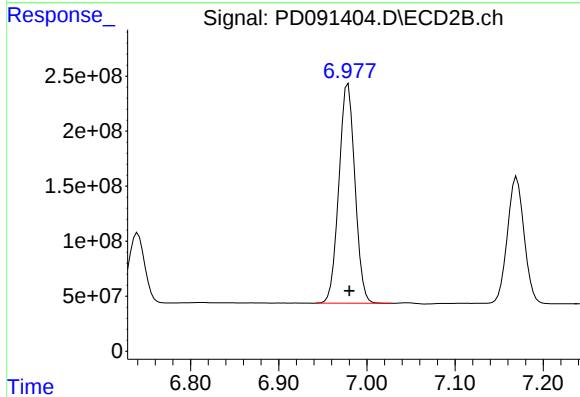
R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 802323655
Conc: 40.01 ng/ml



#21 Endrin ketone

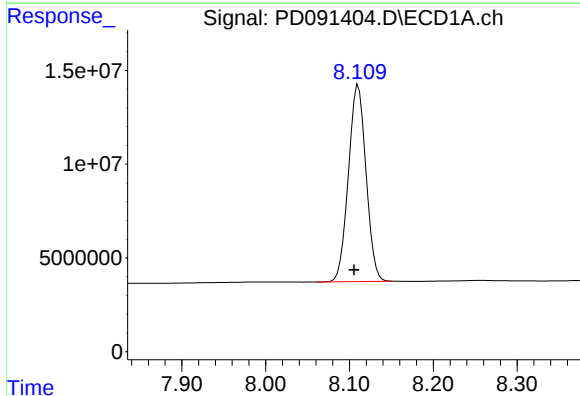
R.T.: 7.629 min
Delta R.T.: 0.006 min
Response: 268716485
Conc: 47.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



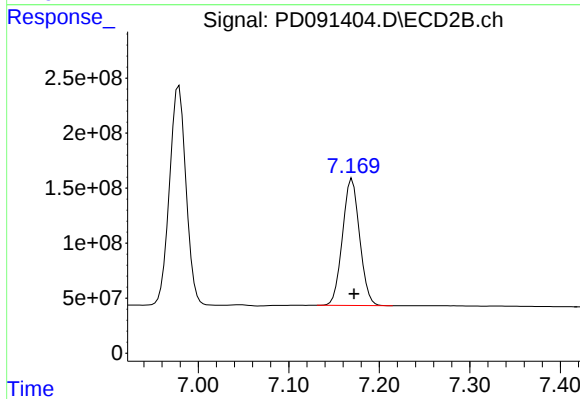
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.001 min
Response: 2523334944
Conc: 49.52 ng/ml



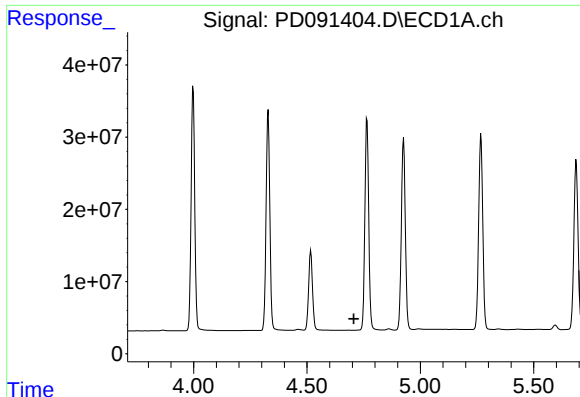
#22 Mirex

R.T.: 8.111 min
Delta R.T.: 0.005 min
Response: 153236809
Conc: 43.08 ng/ml



#22 Mirex

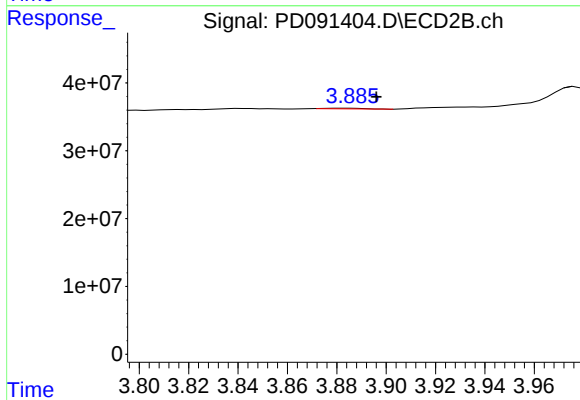
R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 1516151545
Conc: 45.75 ng/ml



#23 Chlordane-1

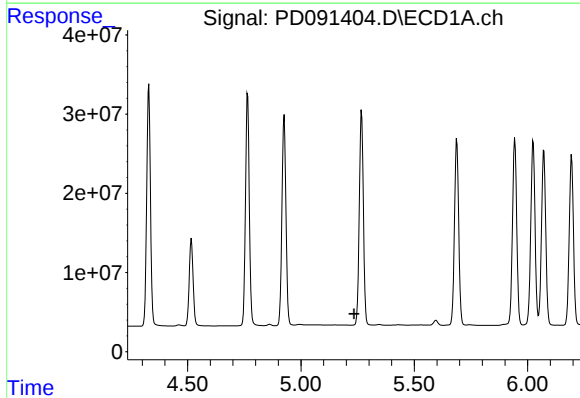
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PB170628BS



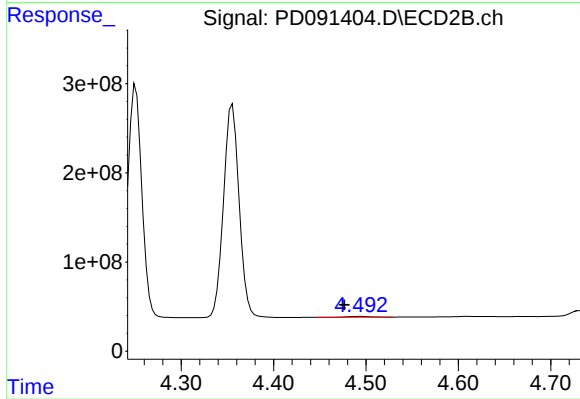
#23 Chlordane-1

R.T.: 3.884 min
Delta R.T.: -0.012 min
Response: 1030520
Conc: 0.60 ng/ml



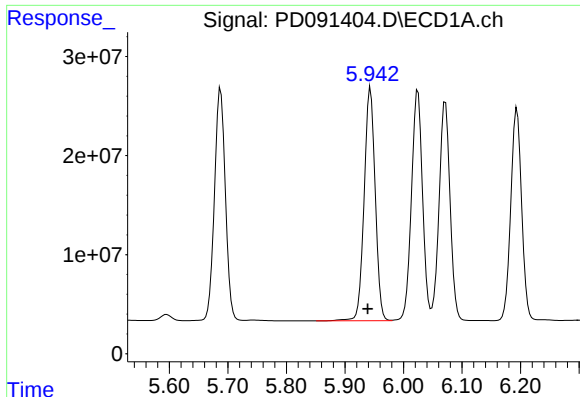
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.234 min
Response: 0
Conc: N.D.



#24 Chlordane-2

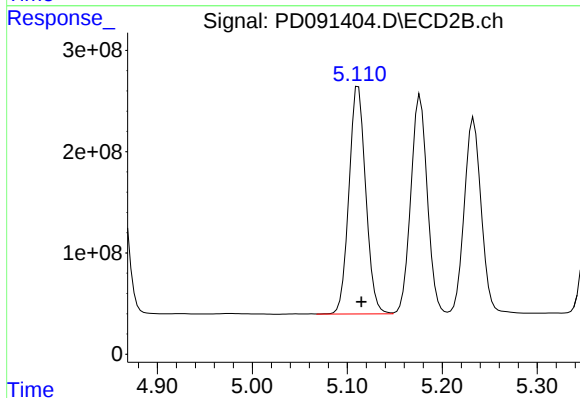
R.T.: 4.494 min
Delta R.T.: 0.017 min
Response: 15848455
Conc: 9.05 ng/ml



#25 Chlordane-3

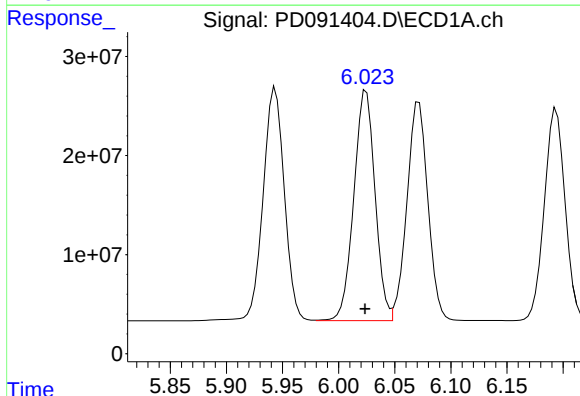
R.T.: 5.944 min
Delta R.T.: 0.005 min
Response: 309479473
Conc: 320.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



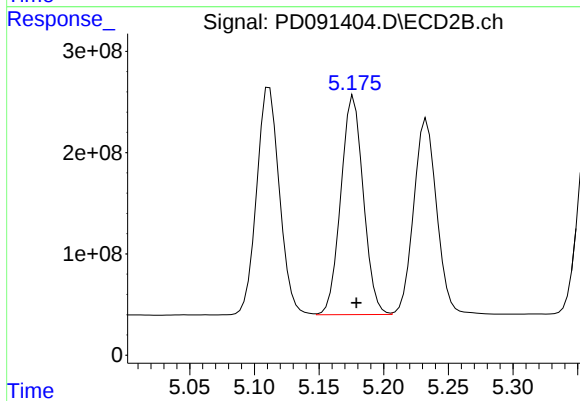
#25 Chlordane-3

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 2752238981
Conc: 478.35 ng/ml



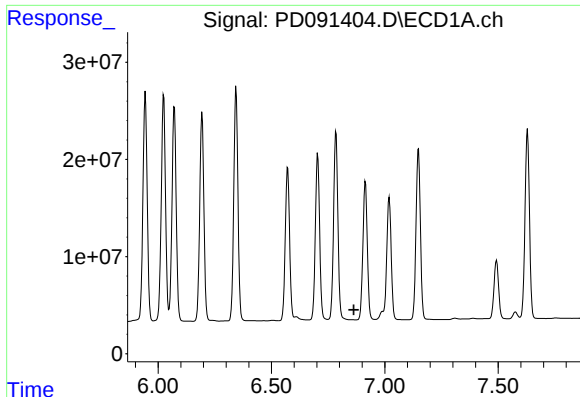
#26 Chlordane-4

R.T.: 6.025 min
Delta R.T.: 0.001 min
Response: 305616001
Conc: 254.42 ng/ml



#26 Chlordane-4

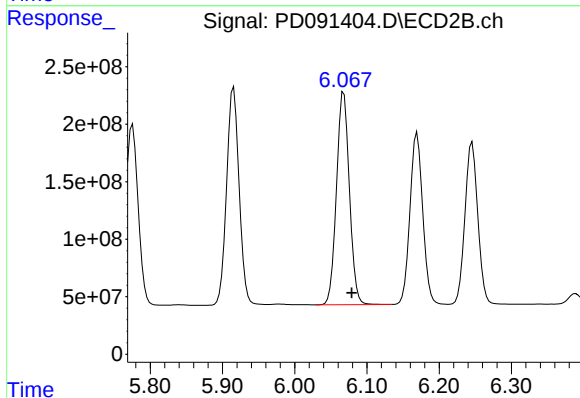
R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2608889439
Conc: 545.39 ng/ml



#27 Chlordane-5

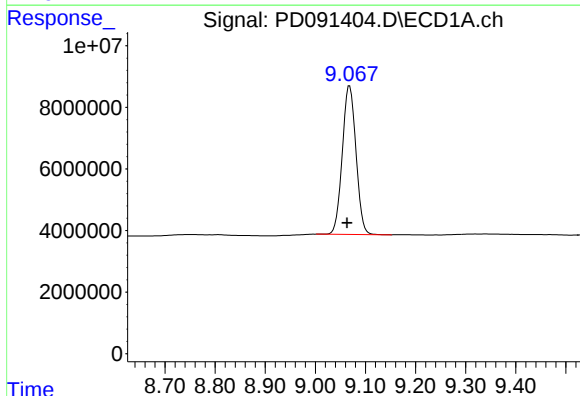
R.T.: 0.000 min
Exp R.T.: 6.863 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PB170628BS



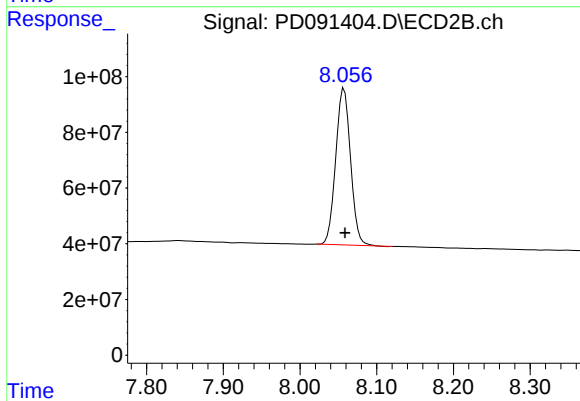
#27 Chlordane-5

R.T.: 6.068 min
Delta R.T.: -0.011 min
Response: 2301762734
Conc: 1134.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.005 min
Response: 91518508
Conc: 18.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.001 min
Response: 754635074
Conc: 19.07 ng/ml