

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121025\
 Data File : PD091532.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2025 12:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 01:53:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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...	3.541	2.871	71172183	920.0E6	20.491	23.347
28)	SA Decachlor...	9.065	8.059	108.9E6	1080.6E6	20.945	26.094
Target Compounds							
2)	A alpha-BHC	3.990	3.382	70852863	780.6E6	8.801	11.450 #
3)	MA gamma-BHC...	4.321	3.718	69126304	720.5E6	9.198	12.814 #
4)	MA Heptachlor	4.941f	4.082	487126	1893252	0.069	0.032 #
5)	MB Aldrin	0.000	4.355	0	3766344	N.D.	0.065 #
6)	B beta-BHC	4.510	4.015	29035469	301.2E6	10.057	12.571 #
7)	B delta-BHC	4.767	4.256	2205442	1875654	0.369	0.031 #
8)	B Heptachlo...	5.674	4.862	2096552	1104564	0.339	0.022 #
9)	A Endosulfan I	6.065	5.221	268542	5666113	0.044	0.116 #
10)	B gamma-Chl...	5.907f	5.113	339474	26297736	0.053	0.471 #
11)	B alpha-Chl...	6.027	5.191f	529652	16678046	0.079	0.311 #
12)	B 4,4'-DDE	6.190	5.361	418775	6096444	0.072	0.111 #
13)	MA Dieldrin	6.363f	5.506	425029	1575167	0.065	0.028 #
14)	MA Endrin	6.566	5.776	262.0E6	2879.6E6	46.717	55.083
15)	B Endosulfa...	6.760f	6.072	1463480	9469130	0.241	0.201
16)	A 4,4'-DDD	6.698	5.917	9463283	127.6E6	2.056	2.806 #
17)	MA 4,4'-DDT	7.014	6.170	465.2E6	5560.4E6	90.223	117.310 #
18)	B Endrin al...	6.909	6.245	2727868	41616766	0.653	1.166 #
19)	B Endosulfa...	0.000	6.449f	0	6765786	N.D.	0.147 #
20)	A Methoxychlor	7.488	6.741	557.0E6	5593.3E6	207.234	237.022
21)	B Endrin ke...	7.624	6.979	7980634	98153898	1.417	2.018 #
22)	Mirex	0.000	7.163	0	9682223	N.D.	0.295 #
23)	Chlordane-1	0.000	3.880	0	4447988	N.D.	2.977 #
24)	Chlordane-2	0.000	4.481	0	6071222	N.D.	3.845 #
25)	Chlordane-3	5.907f	5.113	339474	26297736	0.414	5.164 #
26)	Chlordane-4	6.027	5.191	529652	16678046	0.522	3.907 #
27)	Chlordane-5	0.000	6.072	0	9469130	N.D.	4.994 #

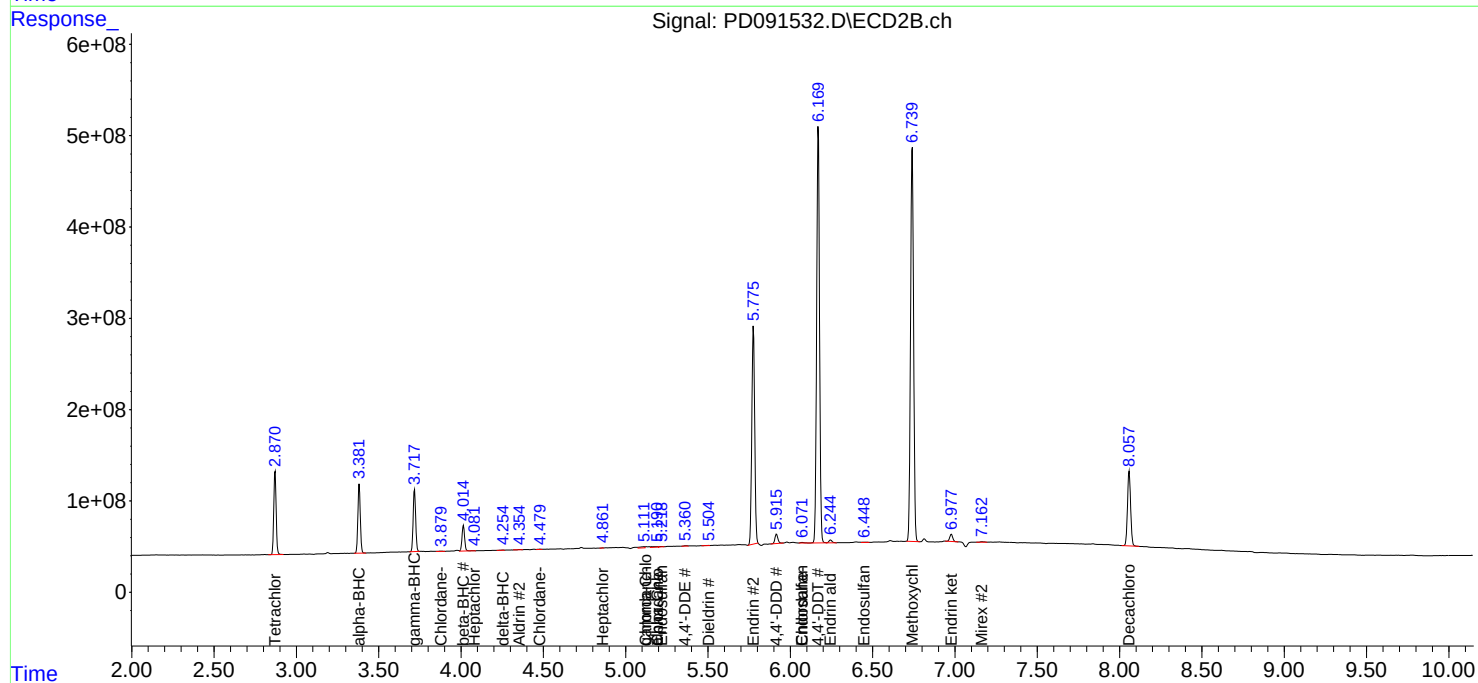
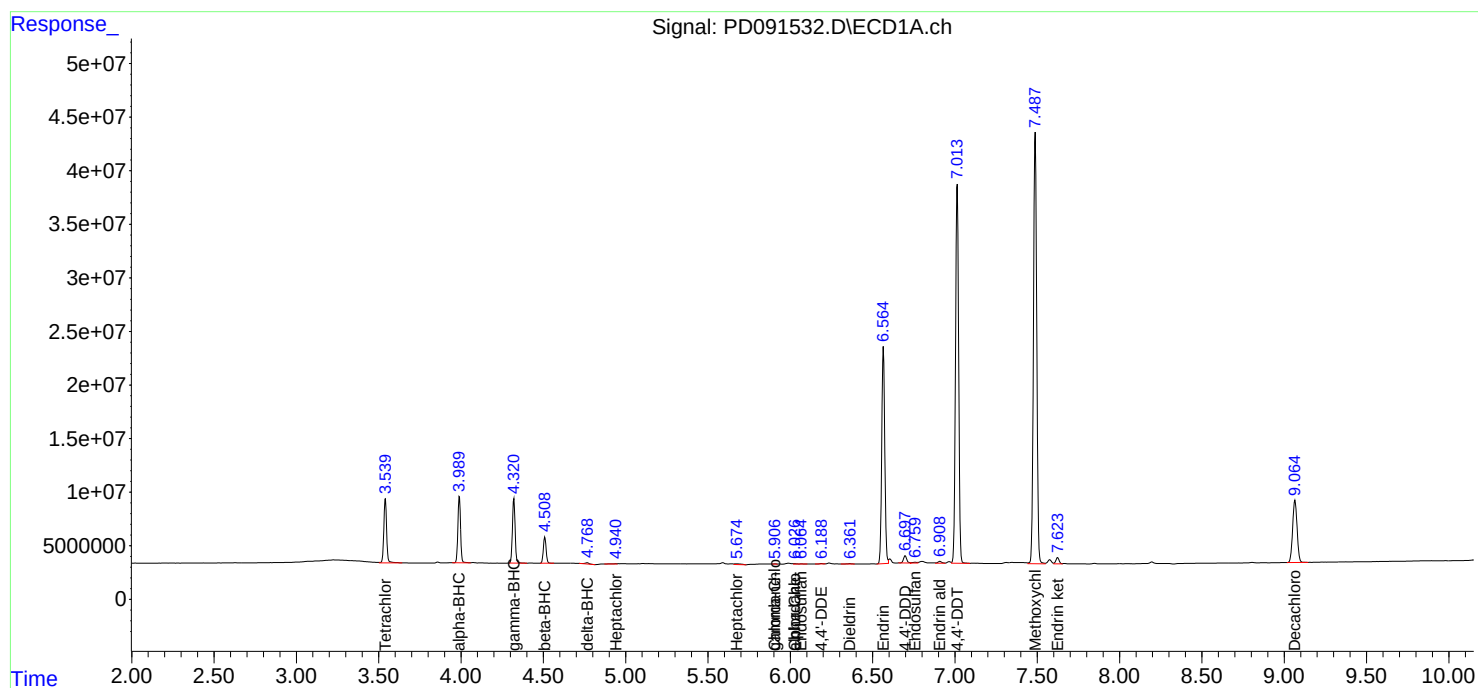
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

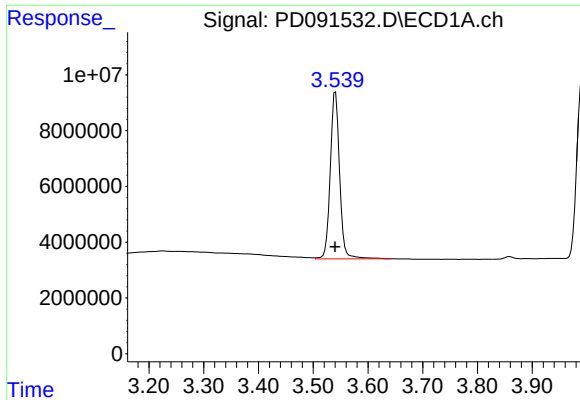
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121025\
Data File : PD091532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2025 12:46
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 01:53:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 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

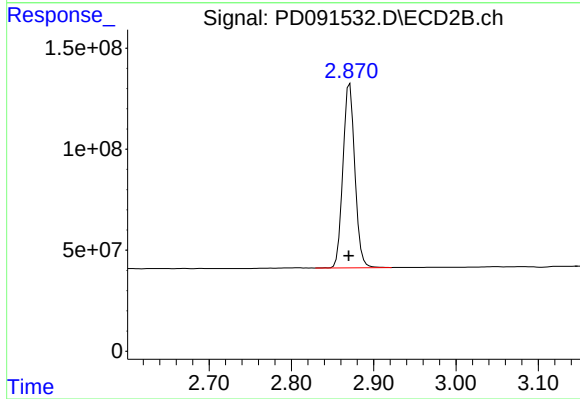




#1 Tetrachloro-m-xylene

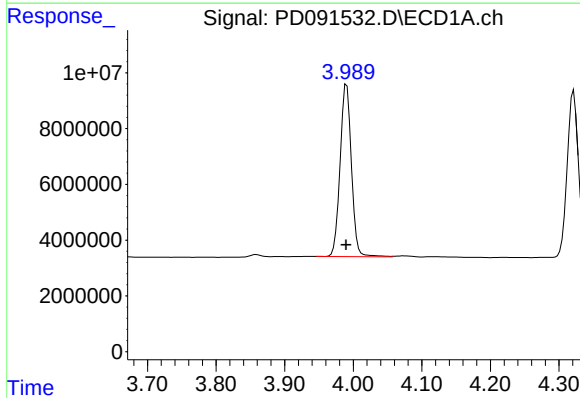
R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 71172183
Conc: 20.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



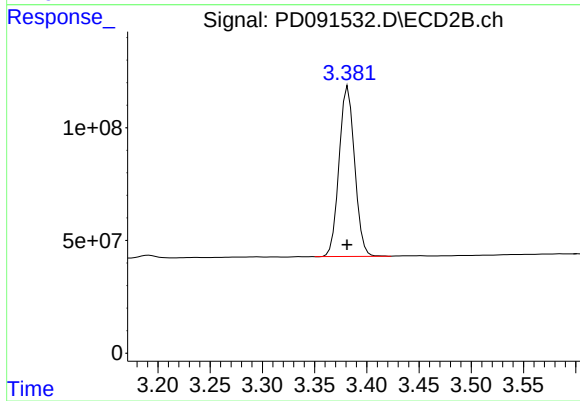
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: 0.001 min
Response: 919956926
Conc: 23.35 ng/ml



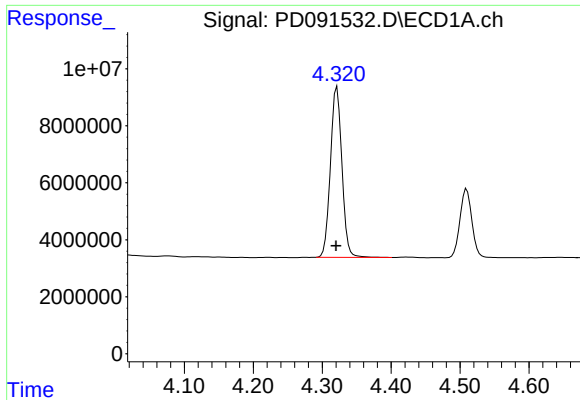
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 70852863
Conc: 8.80 ng/ml



#2 alpha-BHC

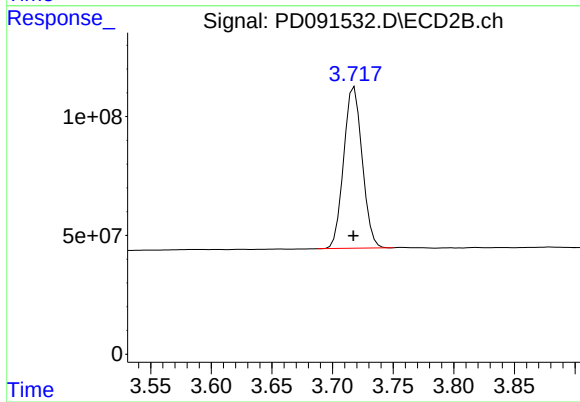
R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 780556413
Conc: 11.45 ng/ml



#3 gamma-BHC (Lindane)

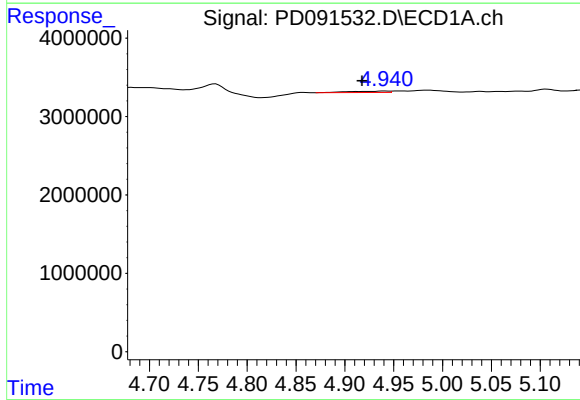
R.T.: 4.321 min
Delta R.T.: 0.001 min
Response: 69126304
Conc: 9.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



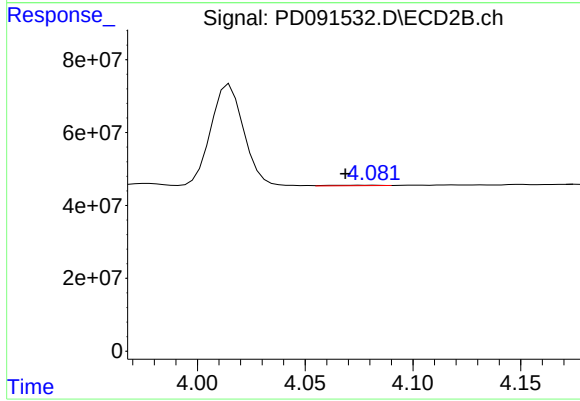
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 720534969
Conc: 12.81 ng/ml



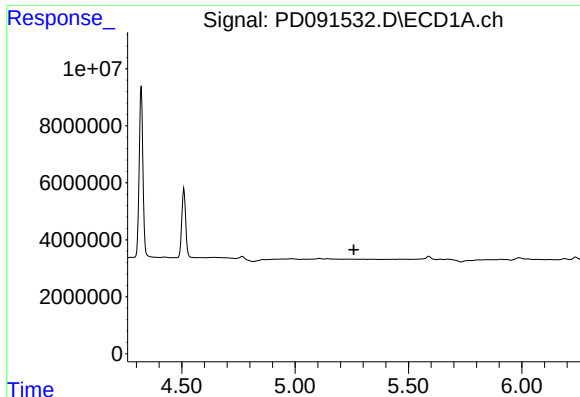
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.023 min
Response: 487126
Conc: 0.07 ng/ml



#4 Heptachlor

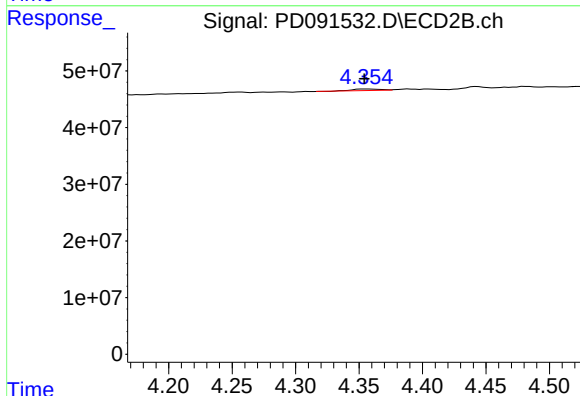
R.T.: 4.082 min
Delta R.T.: 0.013 min
Response: 1893252
Conc: 0.03 ng/ml



#5 Aldrin

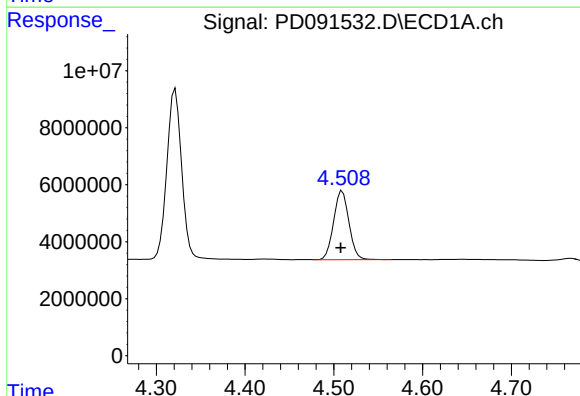
R.T.: 0.000 min
Exp R.T.: 5.259 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



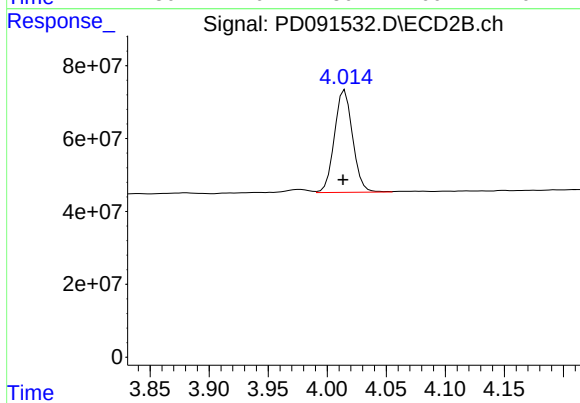
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 3766344
Conc: 0.06 ng/ml



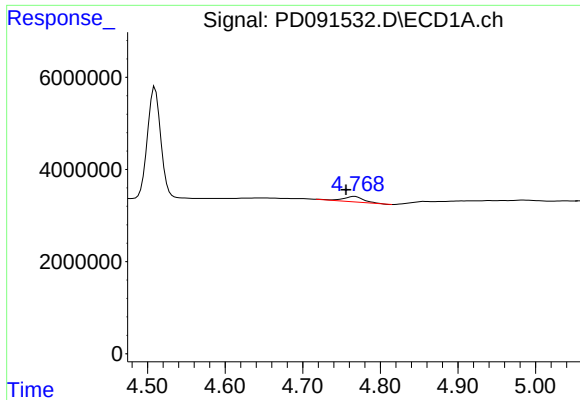
#6 beta-BHC

R.T.: 4.510 min
Delta R.T.: 0.002 min
Response: 29035469
Conc: 10.06 ng/ml



#6 beta-BHC

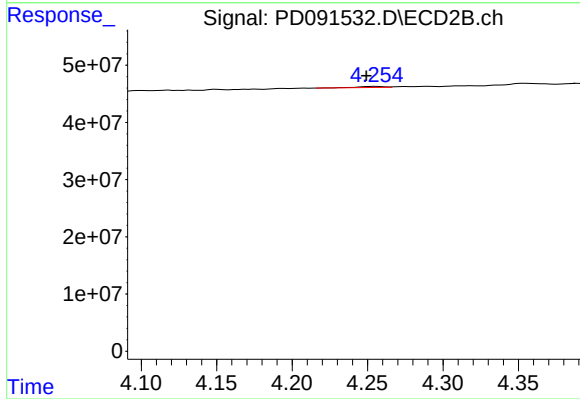
R.T.: 4.015 min
Delta R.T.: 0.001 min
Response: 301199516
Conc: 12.57 ng/ml



#7 delta-BHC

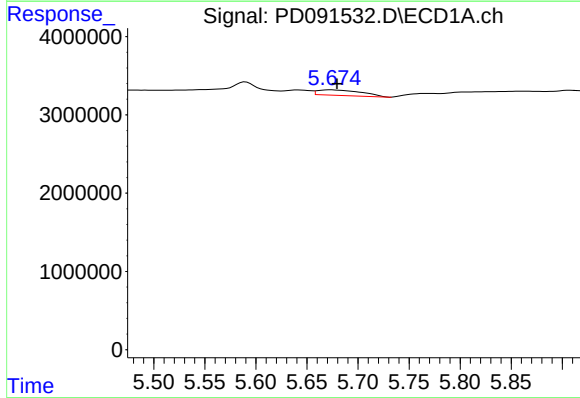
R.T.: 4.767 min
Delta R.T.: 0.011 min
Response: 2205442
Conc: 0.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



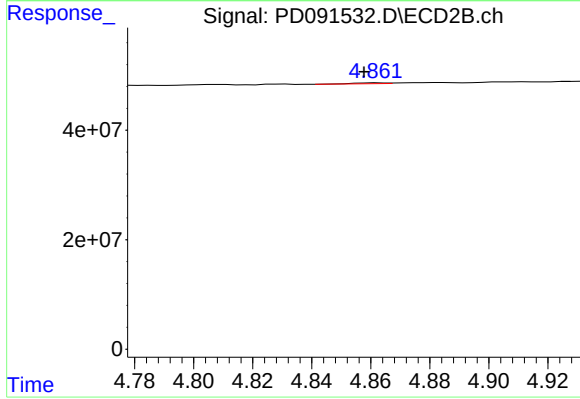
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.006 min
Response: 1875654
Conc: 0.03 ng/ml



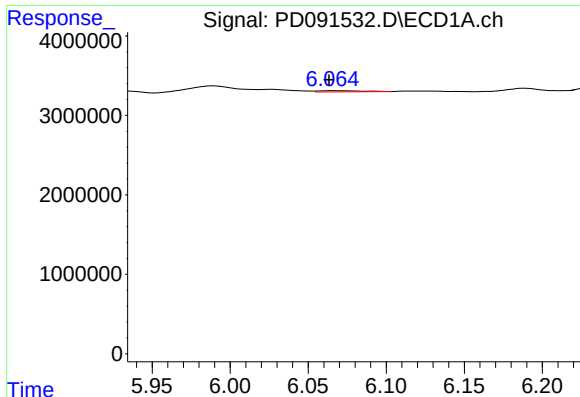
#8 Heptachlor epoxide

R.T.: 5.674 min
Delta R.T.: -0.006 min
Response: 2096552
Conc: 0.34 ng/ml



#8 Heptachlor epoxide

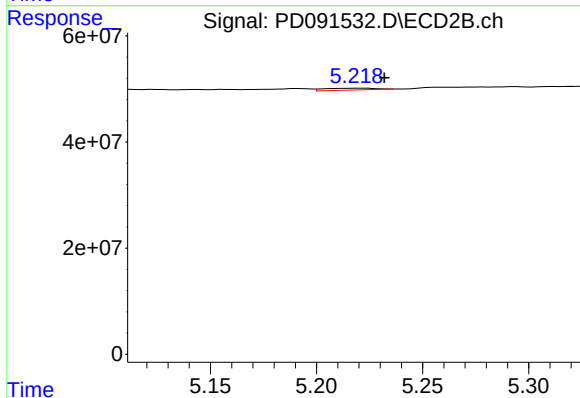
R.T.: 4.862 min
Delta R.T.: 0.004 min
Response: 1104564
Conc: 0.02 ng/ml



#9 Endosulfan I

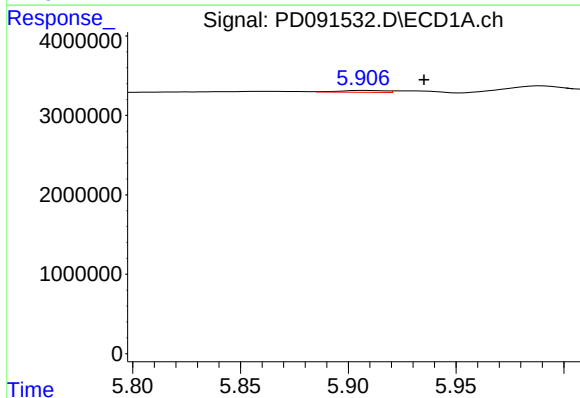
R.T.: 6.065 min
Delta R.T.: 0.002 min
Response: 268542
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



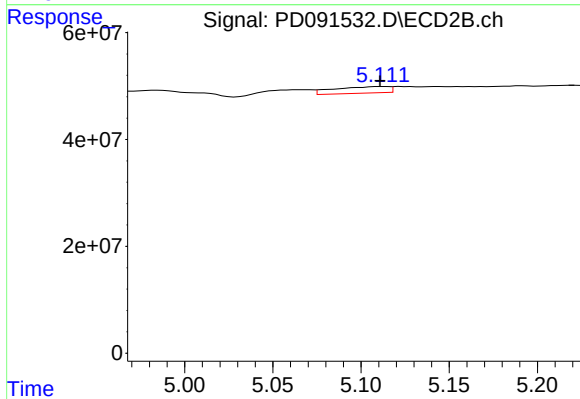
#9 Endosulfan I

R.T.: 5.221 min
Delta R.T.: -0.011 min
Response: 5666113
Conc: 0.12 ng/ml



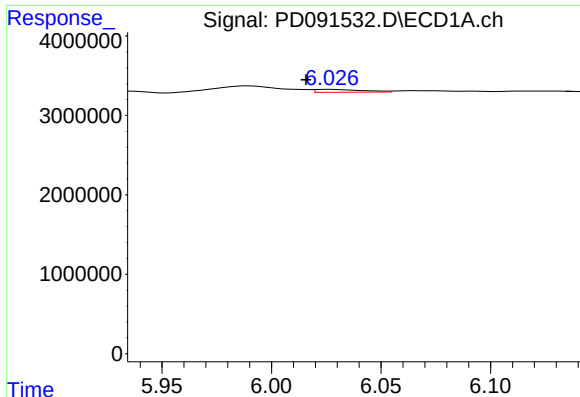
#10 gamma-Chlordane

R.T.: 5.907 min
Delta R.T.: -0.028 min
Response: 339474
Conc: 0.05 ng/ml



#10 gamma-Chlordane

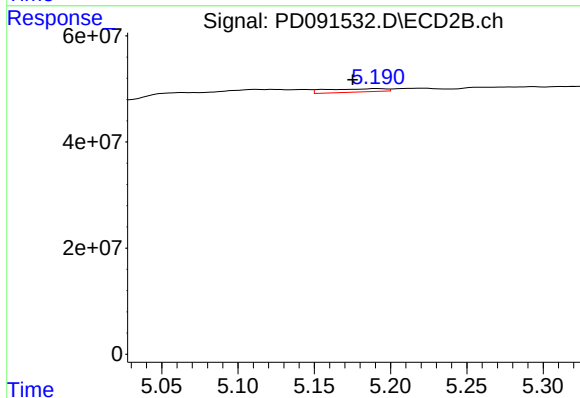
R.T.: 5.113 min
Delta R.T.: 0.002 min
Response: 26297736
Conc: 0.47 ng/ml



#11 alpha-Chlordane

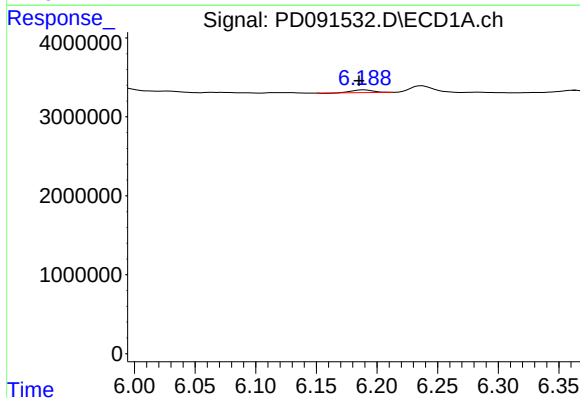
R.T.: 6.027 min
Delta R.T.: 0.012 min
Response: 529652
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



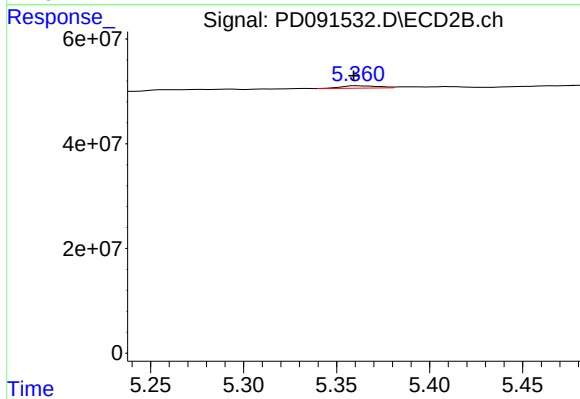
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: 0.016 min
Response: 16678046
Conc: 0.31 ng/ml



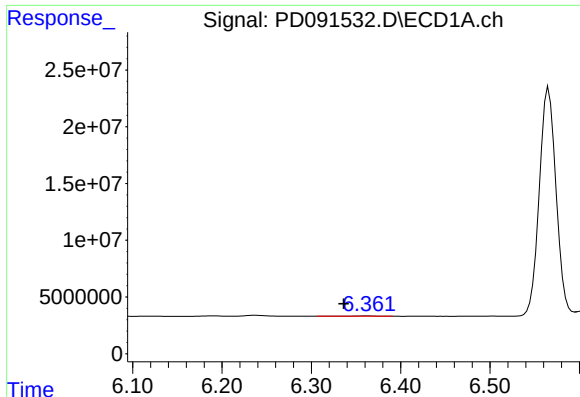
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.004 min
Response: 418775
Conc: 0.07 ng/ml



#12 4,4'-DDE

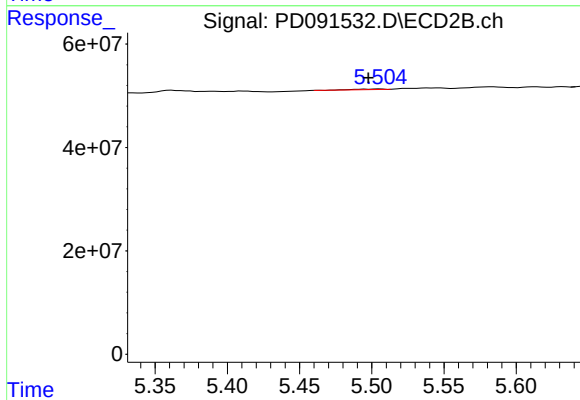
R.T.: 5.361 min
Delta R.T.: 0.002 min
Response: 6096444
Conc: 0.11 ng/ml



#13 Dieldrin

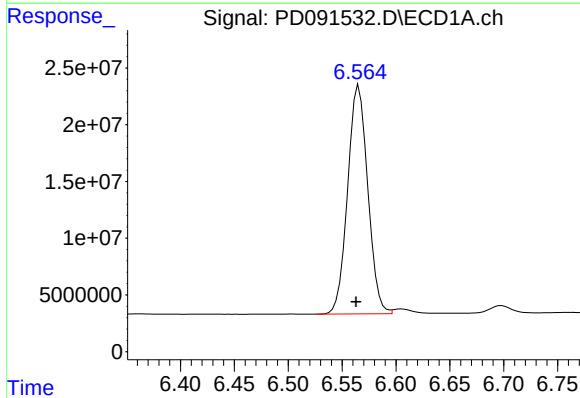
R.T.: 6.363 min
Delta R.T.: 0.027 min
Response: 425029
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



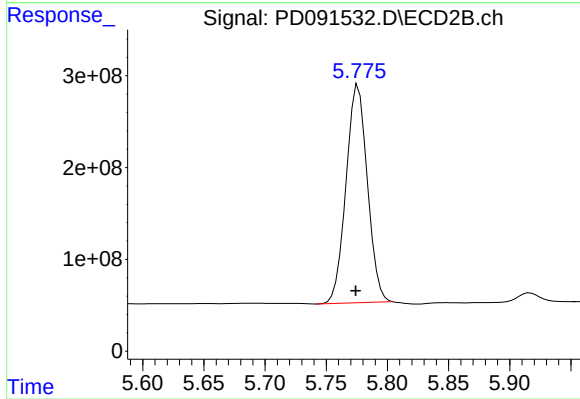
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: 0.008 min
Response: 1575167
Conc: 0.03 ng/ml



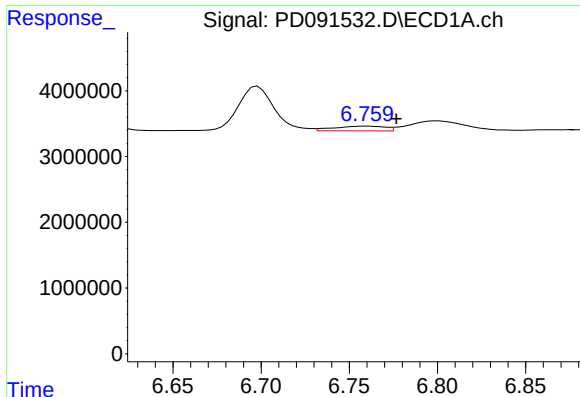
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.003 min
Response: 261995946
Conc: 46.72 ng/ml



#14 Endrin

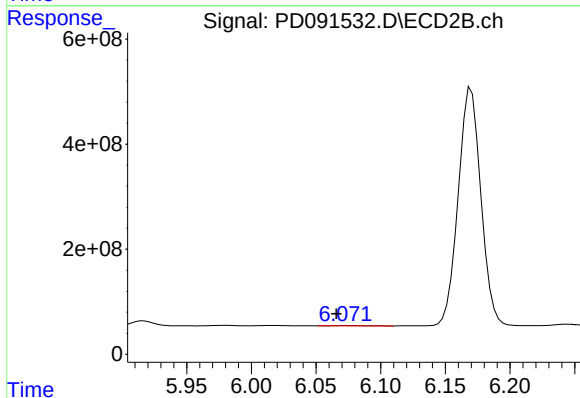
R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 2879630921
Conc: 55.08 ng/ml



#15 Endosulfan II

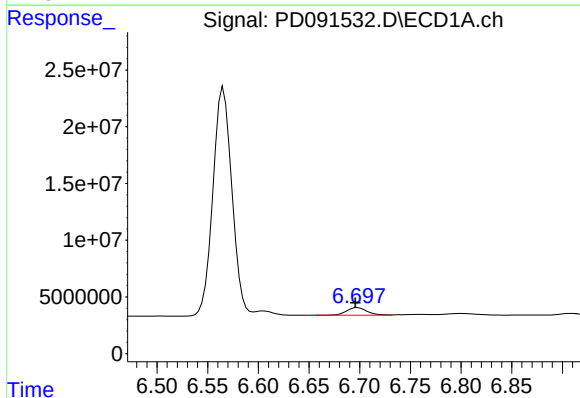
R.T.: 6.760 min
Delta R.T.: -0.017 min
Response: 1463480
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



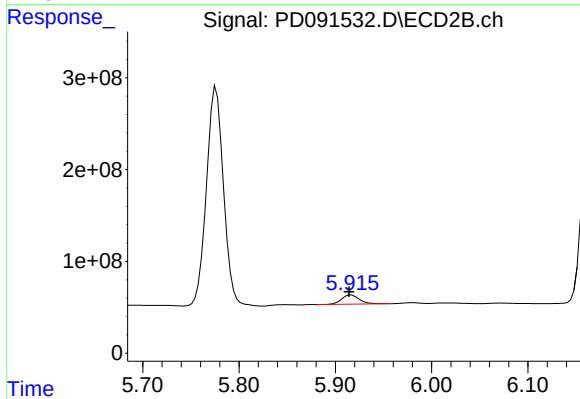
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.006 min
Response: 9469130
Conc: 0.20 ng/ml



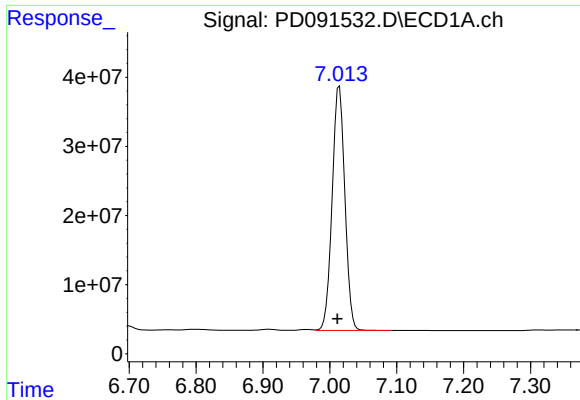
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: 0.002 min
Response: 9463283
Conc: 2.06 ng/ml



#16 4,4'-DDD

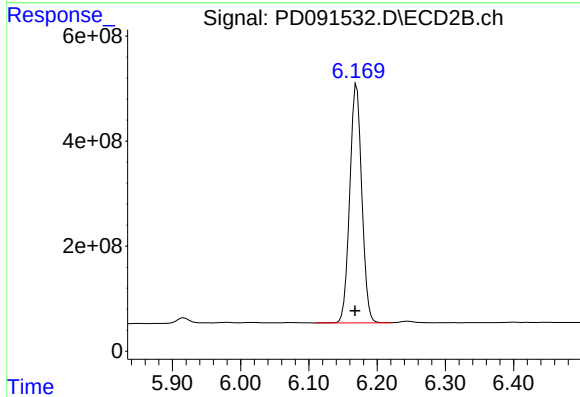
R.T.: 5.917 min
Delta R.T.: 0.002 min
Response: 127629808
Conc: 2.81 ng/ml



#17 4,4'-DDT

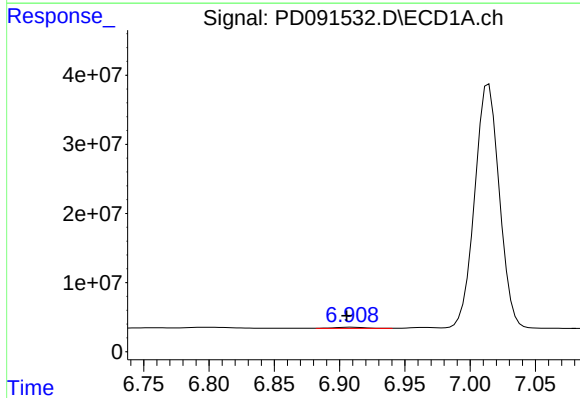
R.T.: 7.014 min
Delta R.T.: 0.003 min
Response: 465232907
Conc: 90.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



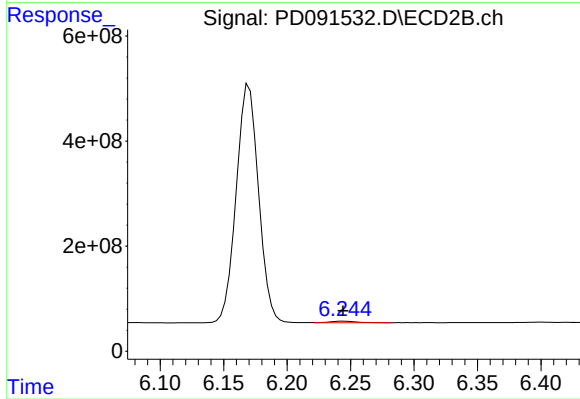
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: 0.002 min
Response: 5560358744
Conc: 117.31 ng/ml



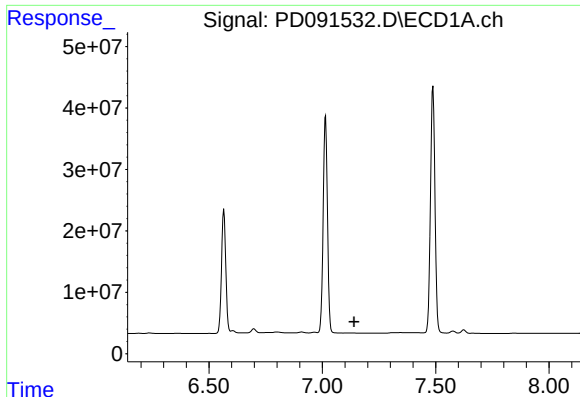
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.004 min
Response: 2727868
Conc: 0.65 ng/ml



#18 Endrin aldehyde

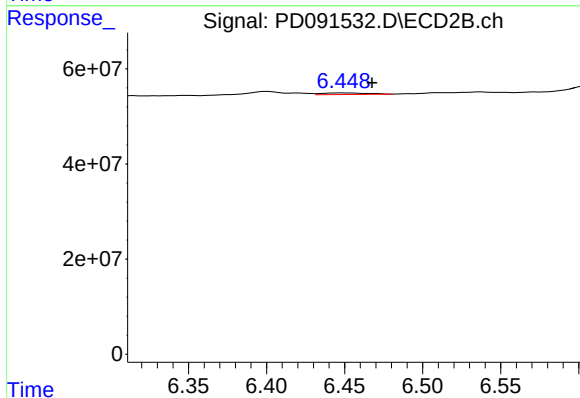
R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 41616766
Conc: 1.17 ng/ml



#19 Endosulfan Sulfate

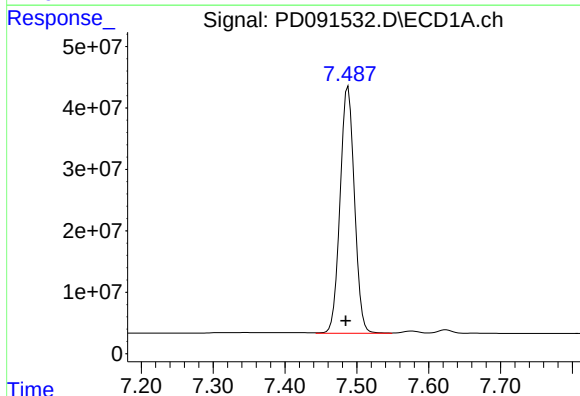
R.T.: 0.000 min
Exp R.T.: 7.140 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



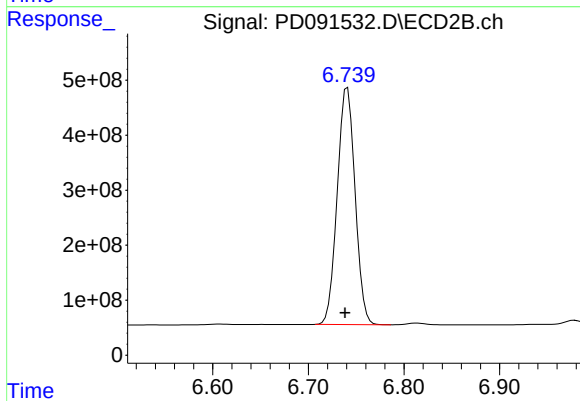
#19 Endosulfan Sulfate

R.T.: 6.449 min
Delta R.T.: -0.018 min
Response: 6765786
Conc: 0.15 ng/ml



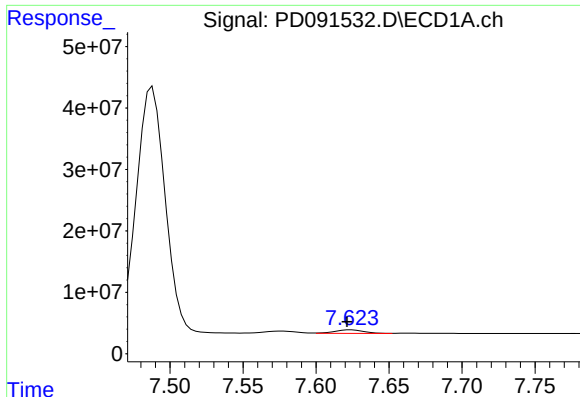
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.004 min
Response: 557042513
Conc: 207.23 ng/ml



#20 Methoxychlor

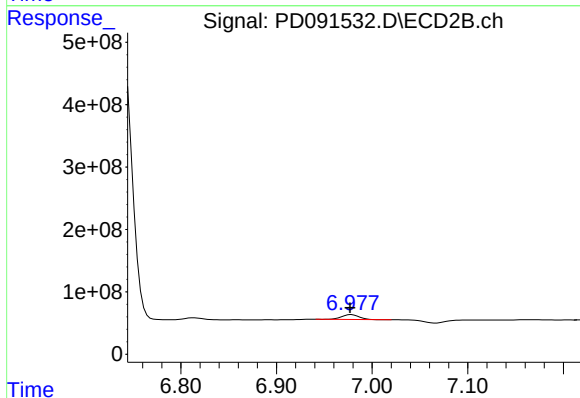
R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 5593253147
Conc: 237.02 ng/ml



#21 Endrin ketone

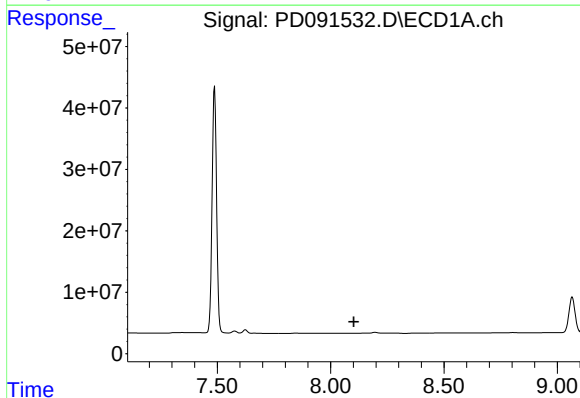
R.T.: 7.624 min
Delta R.T.: 0.003 min
Response: 7980634
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



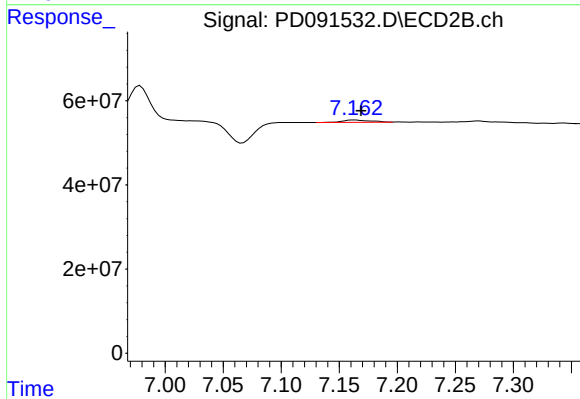
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.002 min
Response: 98153898
Conc: 2.02 ng/ml



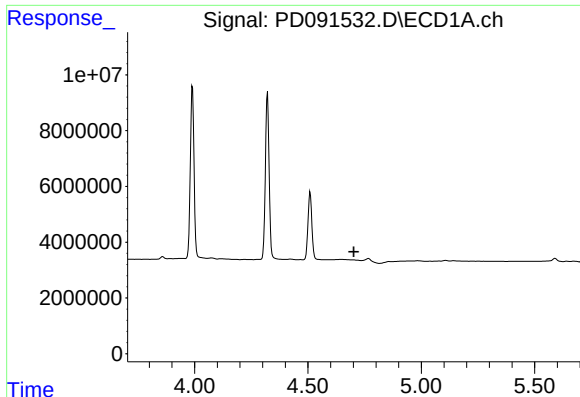
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#22 Mirex

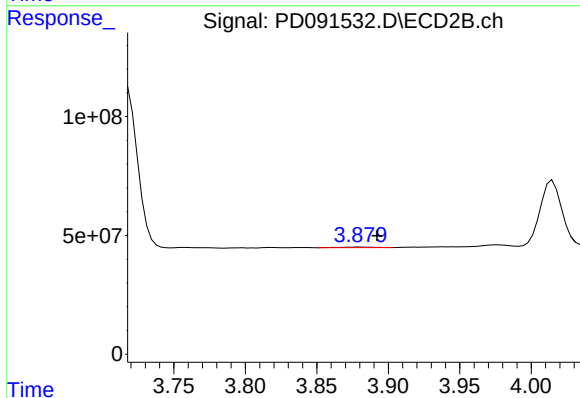
R.T.: 7.163 min
Delta R.T.: -0.006 min
Response: 9682223
Conc: 0.30 ng/ml



#23 Chlordane-1

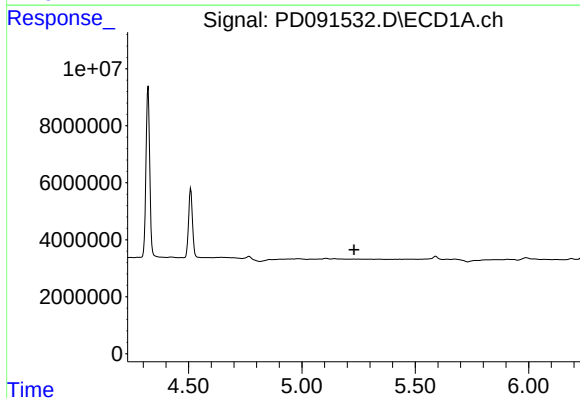
R.T.: 0.000 min
Exp R.T.: 4.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



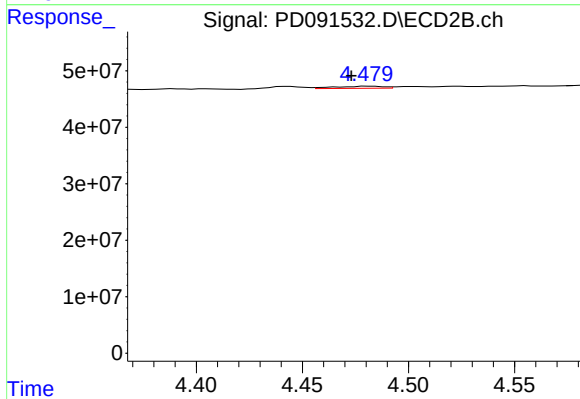
#23 Chlordane-1

R.T.: 3.880 min
Delta R.T.: -0.012 min
Response: 4447988
Conc: 2.98 ng/ml



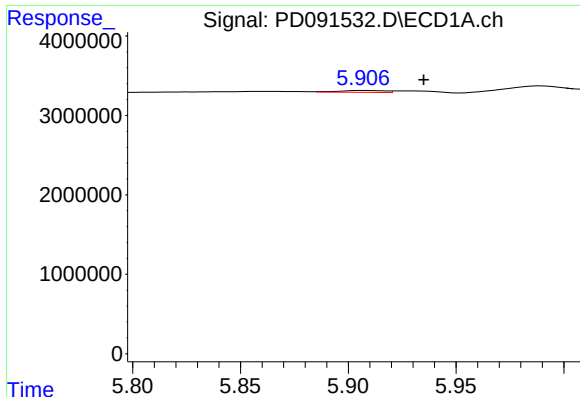
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.230 min
Response: 0
Conc: N.D.



#24 Chlordane-2

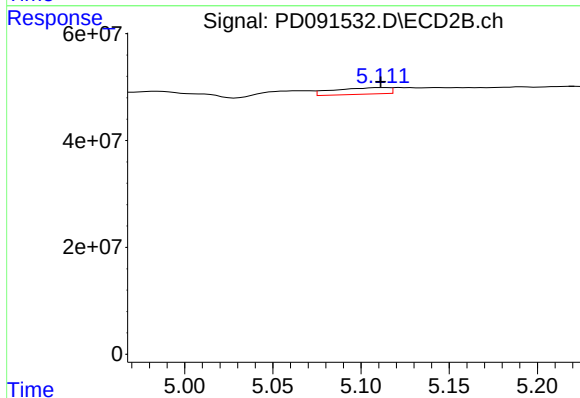
R.T.: 4.481 min
Delta R.T.: 0.008 min
Response: 6071222
Conc: 3.85 ng/ml



#25 Chlordane-3

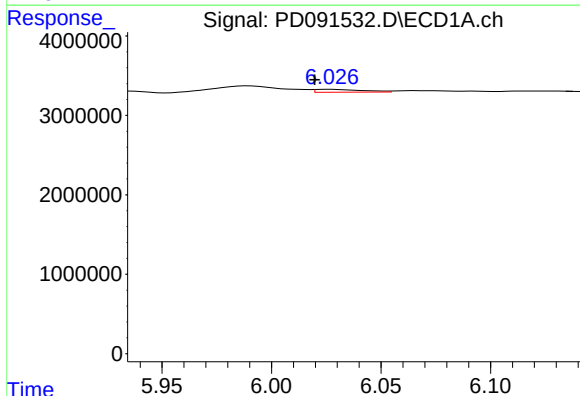
R.T.: 5.907 min
Delta R.T.: -0.028 min
Response: 339474
Conc: 0.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



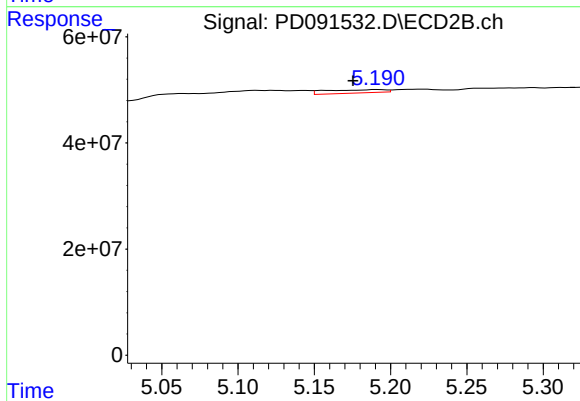
#25 Chlordane-3

R.T.: 5.113 min
Delta R.T.: 0.002 min
Response: 26297736
Conc: 5.16 ng/ml



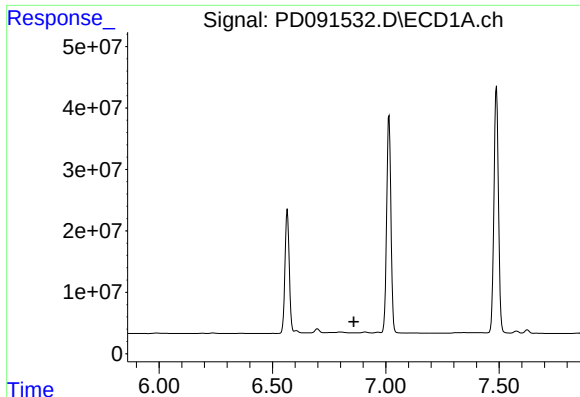
#26 Chlordane-4

R.T.: 6.027 min
Delta R.T.: 0.008 min
Response: 529652
Conc: 0.52 ng/ml



#26 Chlordane-4

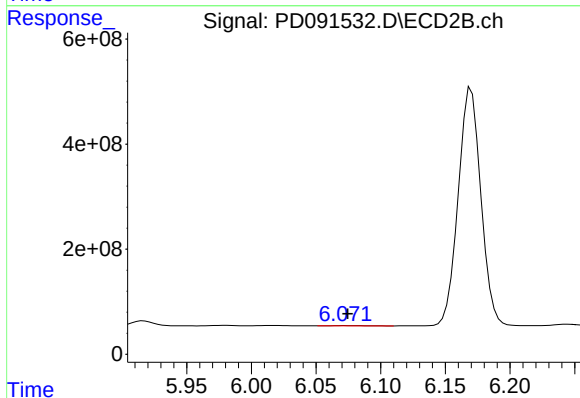
R.T.: 5.191 min
Delta R.T.: 0.016 min
Response: 16678046
Conc: 3.91 ng/ml



#27 Chlordane-5

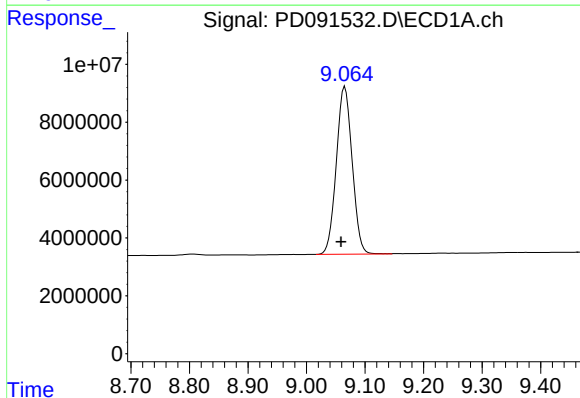
R.T.: 0.000 min
Exp R.T.: 6.860 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



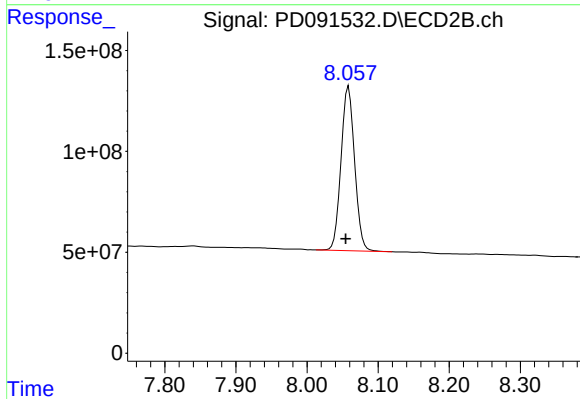
#27 Chlordane-5

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 9469130
Conc: 4.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.006 min
Response: 108871052
Conc: 20.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.004 min
Response: 1080566093
Conc: 26.09 ng/ml