

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120925\
 Data File : PD091524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2025 13:20
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 10 00:37:11 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...	3.539	2.870	76453022	919.9E6	22.012	23.345
28)	SA Decachlor...	9.057	8.054	119.3E6	1043.4E6	22.961	25.197
Target Compounds							
2)	A alpha-BHC	3.989	3.381	75920002	774.5E6	9.430	11.361
3)	MA gamma-BHC...	4.319	3.717	73471095	713.3E6	9.776	12.686 #
4)	MA Heptachlor	4.945f	4.071	829973	3080034	0.117	0.053 #
5)	MB Aldrin	0.000	4.354	0	2825860	N.D.	0.049 #
6)	B beta-BHC	4.507	4.014	30670225	298.5E6	10.623	12.458
7)	B delta-BHC	4.764	4.243	3559615	371301	0.595	0.006 #
8)	B Heptachlo...	5.669	4.840f	4399935	121980	0.711	0.002 #
9)	A Endosulfan I	6.065	5.221	79897	13018392	0.013	0.266 #
10)	B gamma-Chl...	5.907f	5.107	405639	24459503	0.064	0.438 #
11)	B alpha-Chl...	5.989f	5.170	4463952	6629198	0.665	0.124 #
12)	B 4,4'-DDE	6.187	5.360	422405	8203646	0.073	0.150 #
13)	MA Dieldrin	6.357f	5.498	295221	620869	0.045	0.011 #
14)	MA Endrin	6.563	5.774	287.1E6	2862.6E6	51.196	54.757
15)	B Endosulfa...	6.794f	6.072	3449664	5697332	0.567	0.121 #
16)	A 4,4'-DDD	6.694	5.915	7823540	88826456	1.700	1.953
17)	MA 4,4'-DDT	7.010	6.168	510.7E6	5307.2E6	99.042	111.969
18)	B Endrin al...	6.906	6.242	2267492	34684826	0.543	0.972 #
19)	B Endosulfa...	0.000	6.477	0	801350	N.D.	0.017 #
20)	A Methoxychlor	7.484	6.739	611.6E6	5364.1E6	227.535	227.311
21)	B Endrin ke...	7.620	6.976	6975499	75103099	1.238	1.544
22)	Mirex	0.000	7.162	0	11316784	N.D.	0.345 #
23)	Chlordane-1	0.000	3.879	0	4617280	N.D.	3.091 #
24)	Chlordane-2	0.000	4.497f	0	5398530	N.D.	3.419 #
25)	Chlordane-3	5.907f	5.107	405639	24459503	0.495	4.803 #
26)	Chlordane-4	0.000	5.170	0	6629198	N.D.	1.553 #
27)	Chlordane-5	6.866	6.072	640276	5697332	3.620	3.005

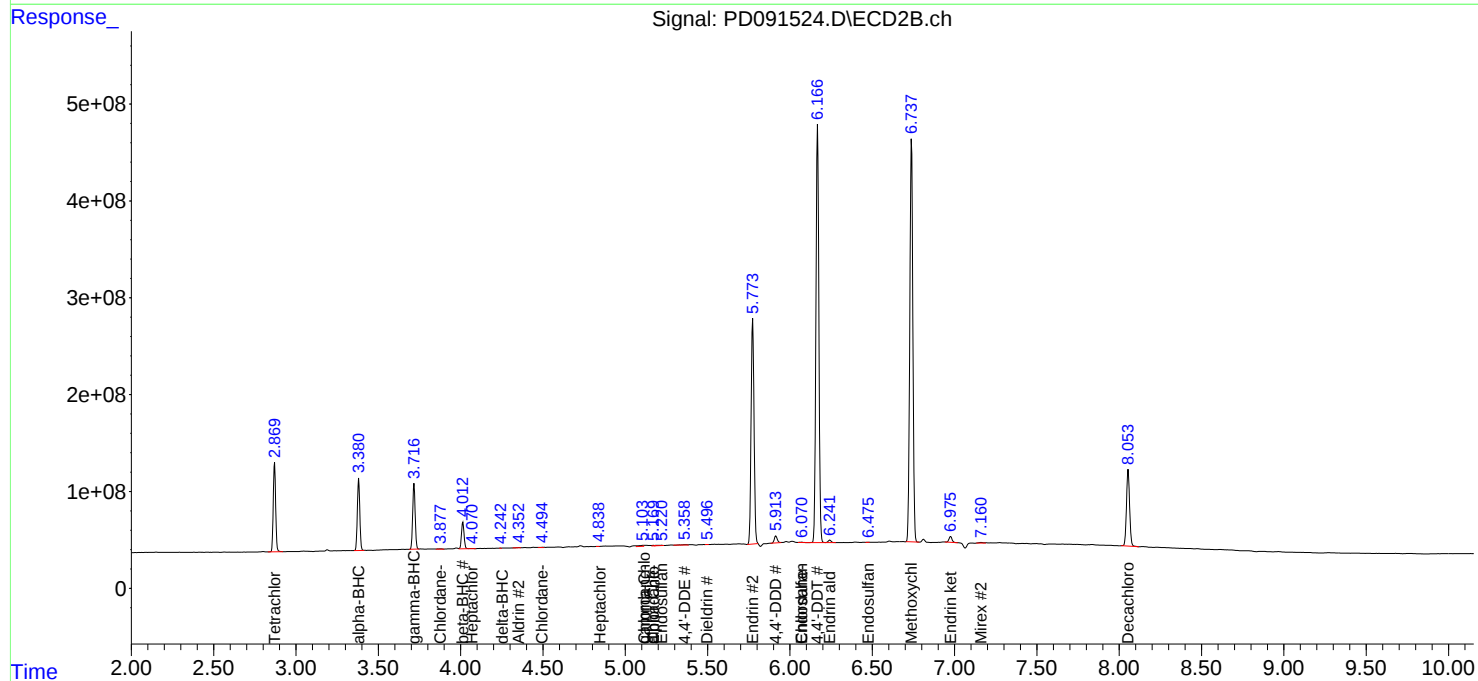
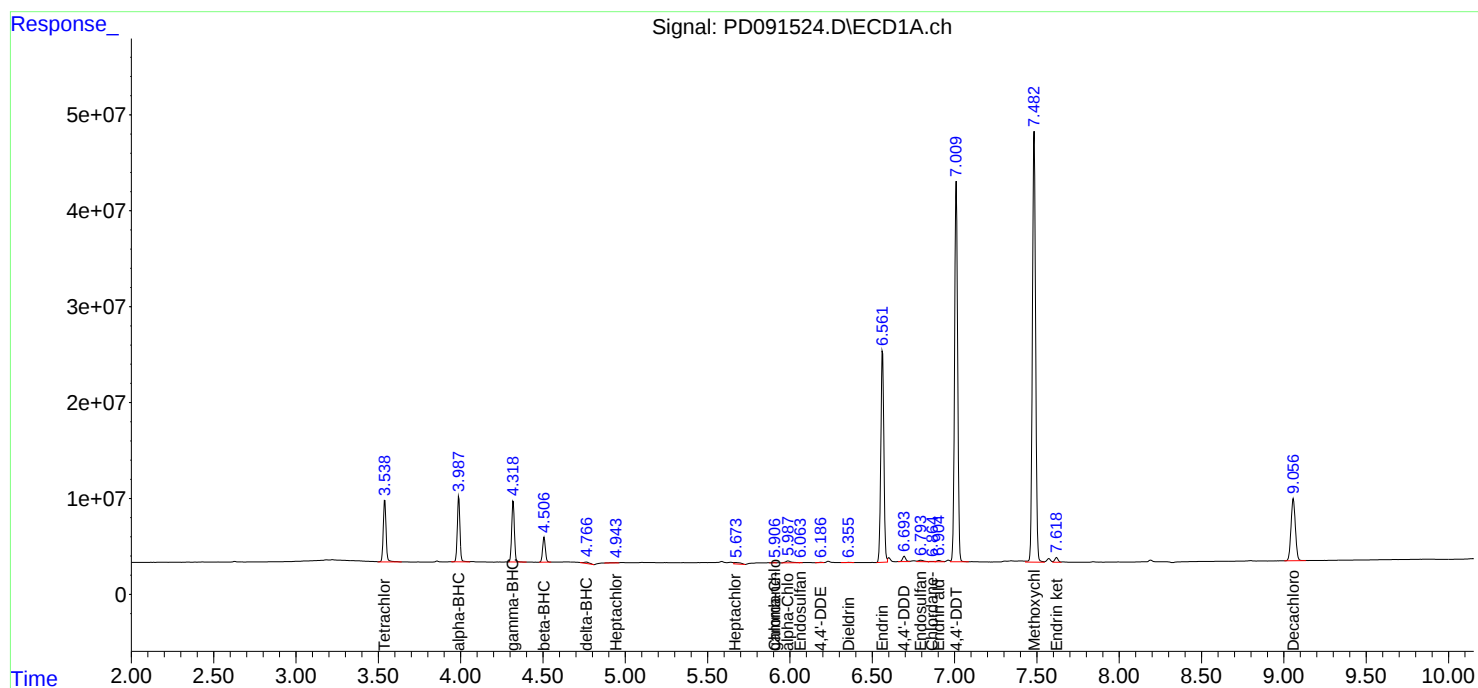
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

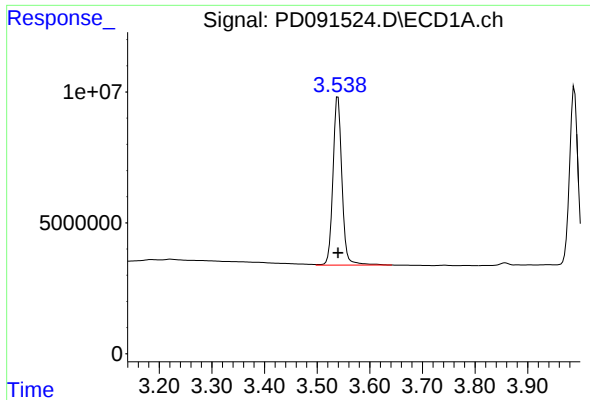
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120925\
Data File : PD091524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Dec 2025 13:20
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 10 00:37:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 2025
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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

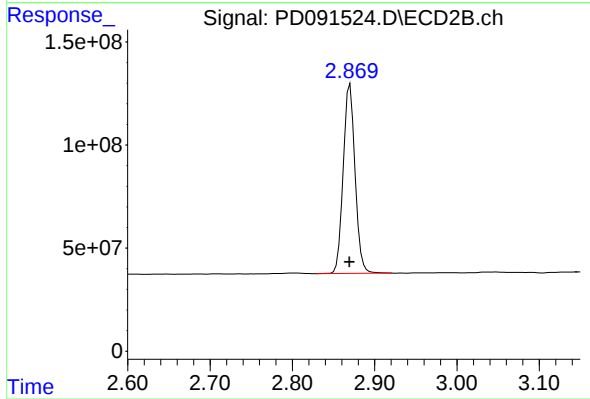




#1 Tetrachloro-m-xylene

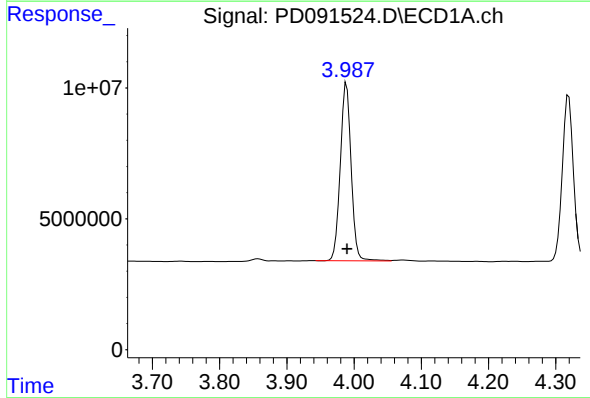
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 76453022
Conc: 22.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



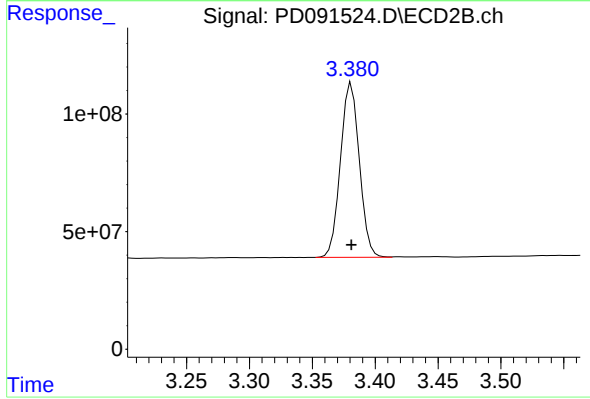
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 919863879
Conc: 23.34 ng/ml



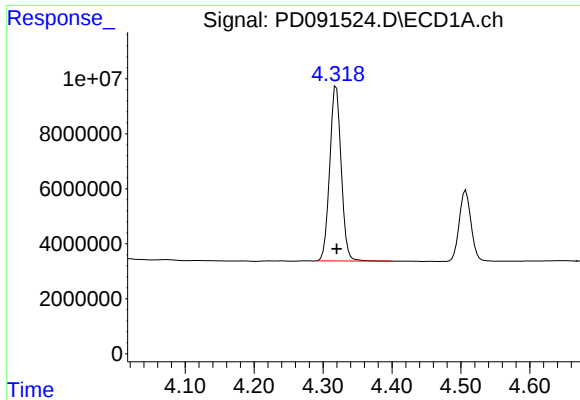
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 75920002
Conc: 9.43 ng/ml



#2 alpha-BHC

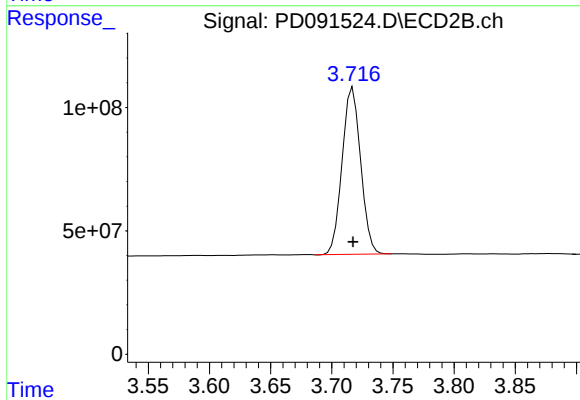
R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 774544813
Conc: 11.36 ng/ml



#3 gamma-BHC (Lindane)

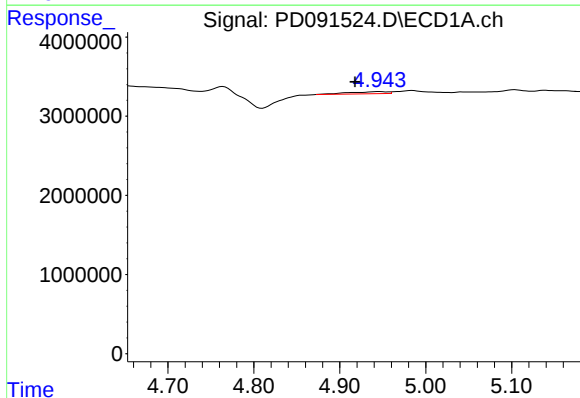
R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 73471095
Conc: 9.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



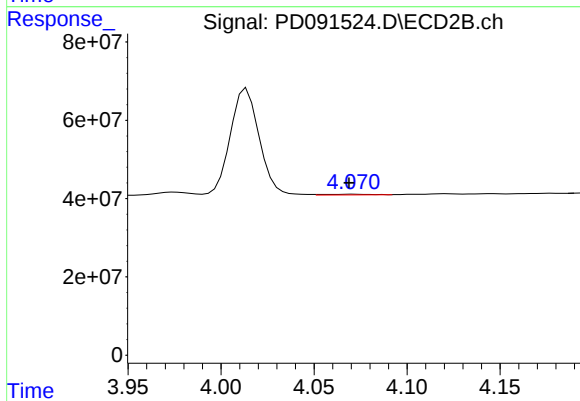
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 713346663
Conc: 12.69 ng/ml



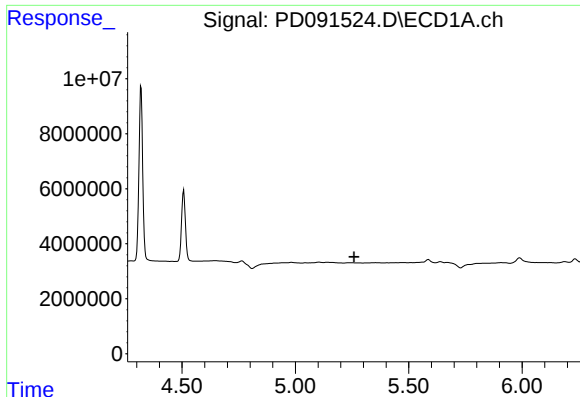
#4 Heptachlor

R.T.: 4.945 min
Delta R.T.: 0.027 min
Response: 829973
Conc: 0.12 ng/ml



#4 Heptachlor

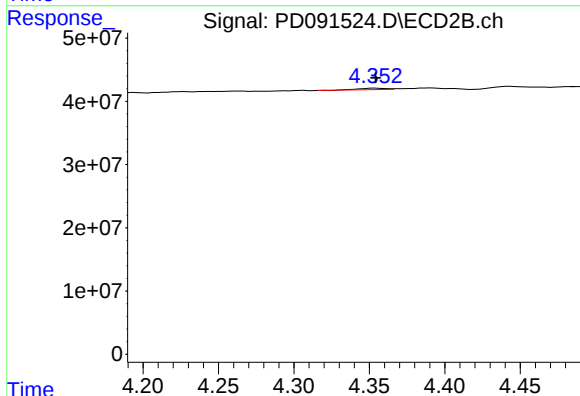
R.T.: 4.071 min
Delta R.T.: 0.002 min
Response: 3080034
Conc: 0.05 ng/ml



#5 Aldrin

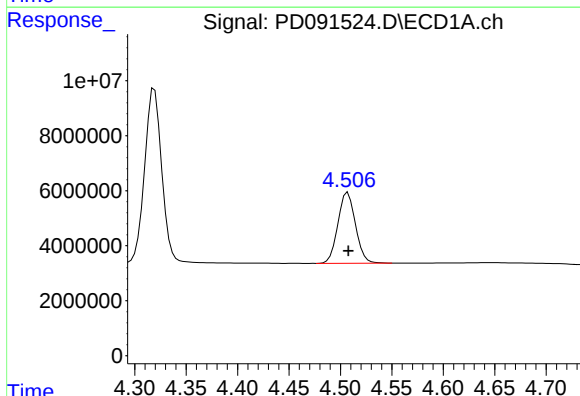
R.T.: 0.000 min
Exp R.T.: 5.259 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



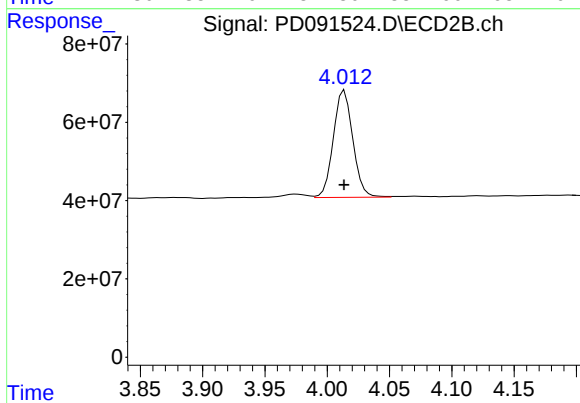
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 2825860
Conc: 0.05 ng/ml



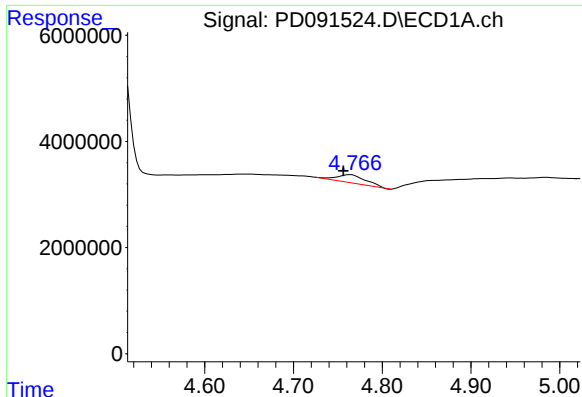
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 30670225
Conc: 10.62 ng/ml



#6 beta-BHC

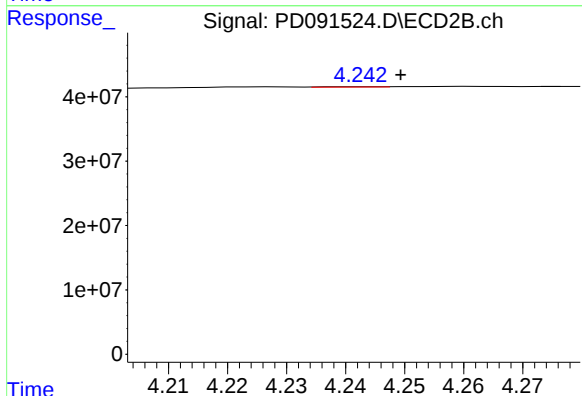
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 298486022
Conc: 12.46 ng/ml



#7 delta-BHC

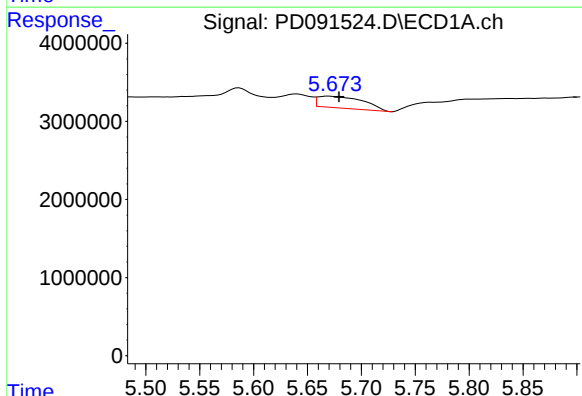
R.T.: 4.764 min
Delta R.T.: 0.008 min
Response: 3559615
Conc: 0.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



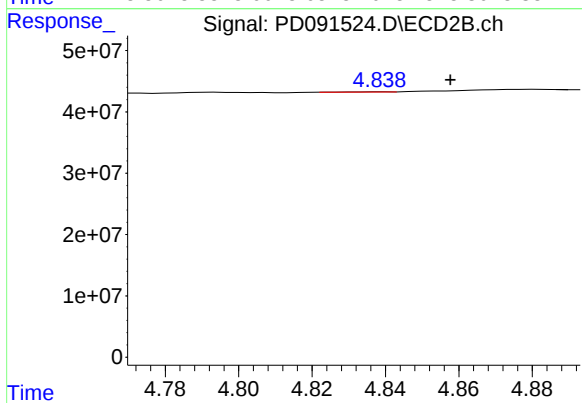
#7 delta-BHC

R.T.: 4.243 min
Delta R.T.: -0.006 min
Response: 371301
Conc: 0.01 ng/ml



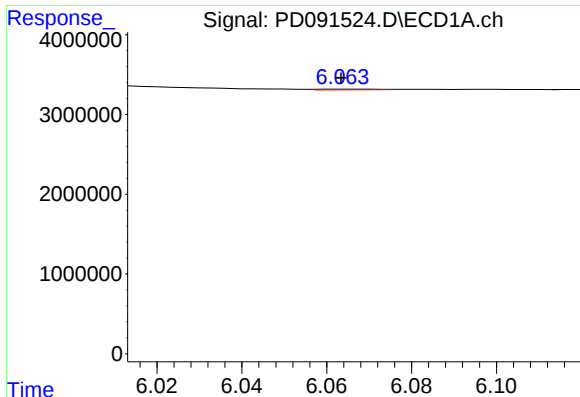
#8 Heptachlor epoxide

R.T.: 5.669 min
Delta R.T.: -0.010 min
Response: 4399935
Conc: 0.71 ng/ml



#8 Heptachlor epoxide

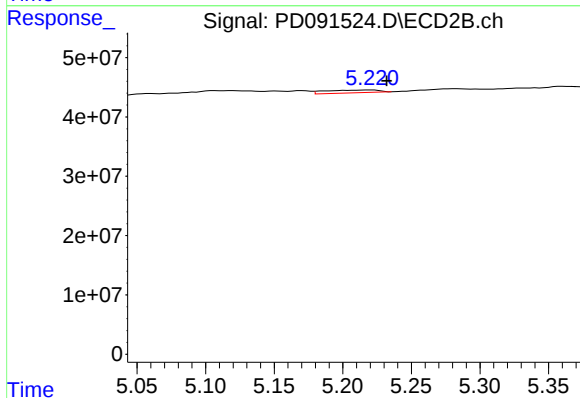
R.T.: 4.840 min
Delta R.T.: -0.018 min
Response: 121980
Conc: 0.00 ng/ml



#9 Endosulfan I

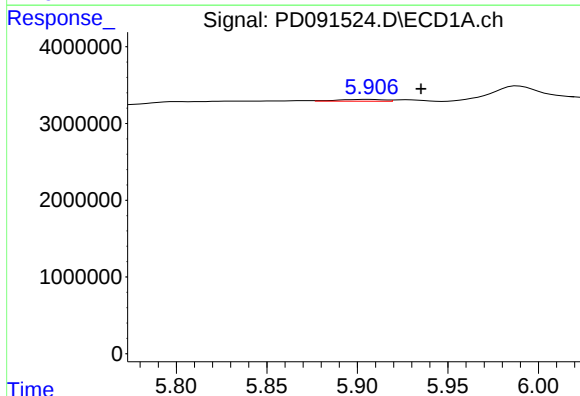
R.T.: 6.065 min
Delta R.T.: 0.002 min
Response: 79897
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



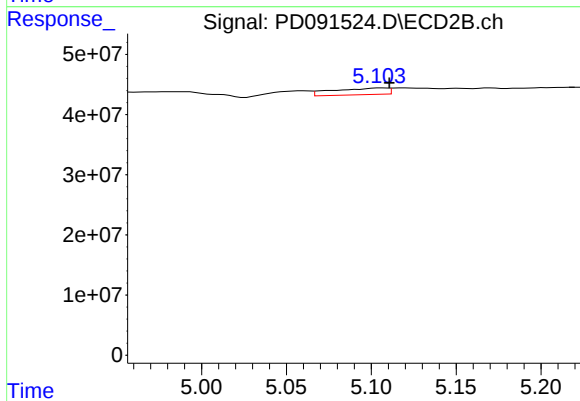
#9 Endosulfan I

R.T.: 5.221 min
Delta R.T.: -0.011 min
Response: 13018392
Conc: 0.27 ng/ml



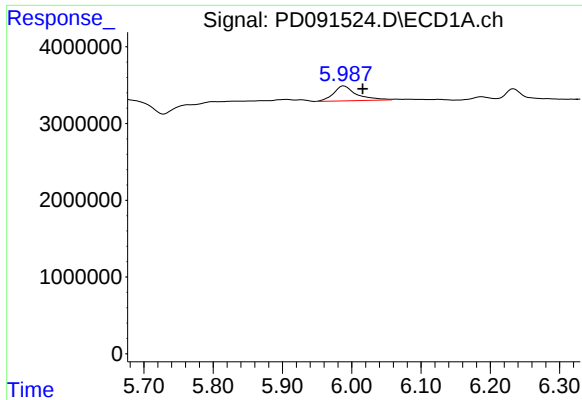
#10 gamma-Chlordane

R.T.: 5.907 min
Delta R.T.: -0.028 min
Response: 405639
Conc: 0.06 ng/ml



#10 gamma-Chlordane

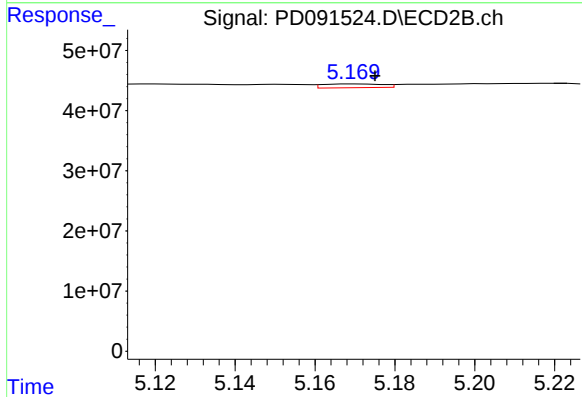
R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 24459503
Conc: 0.44 ng/ml



#11 alpha-Chlordane

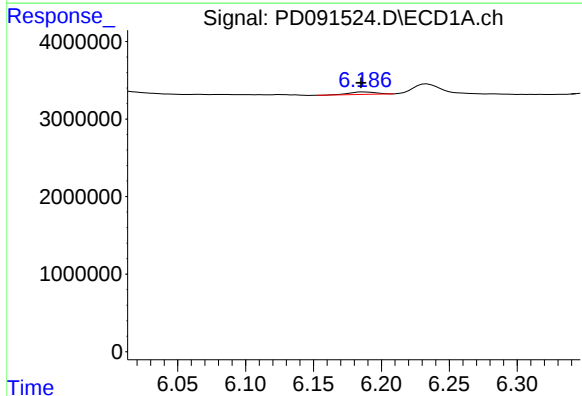
R.T.: 5.989 min
Delta R.T.: -0.027 min
Response: 4463952
Conc: 0.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



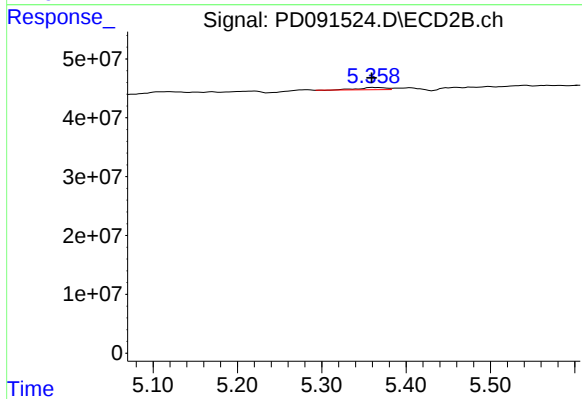
#11 alpha-Chlordane

R.T.: 5.170 min
Delta R.T.: -0.005 min
Response: 6629198
Conc: 0.12 ng/ml



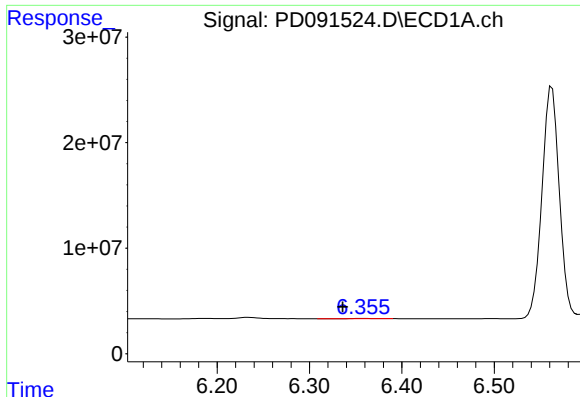
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: 0.002 min
Response: 422405
Conc: 0.07 ng/ml



#12 4,4'-DDE

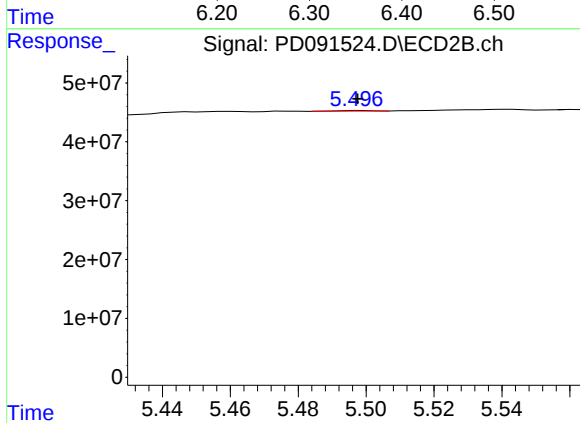
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 8203646
Conc: 0.15 ng/ml



#13 Dieldrin

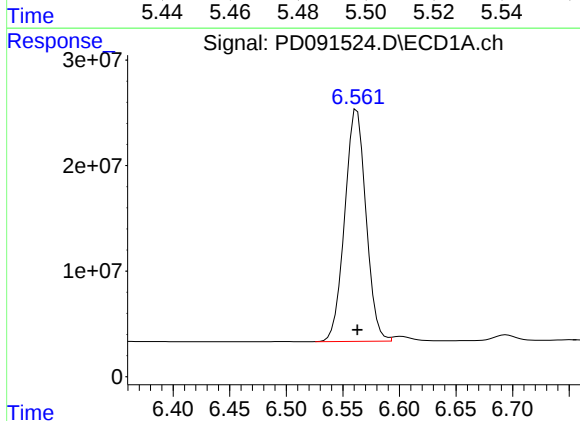
R.T.: 6.357 min
Delta R.T.: 0.021 min
Response: 295221
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



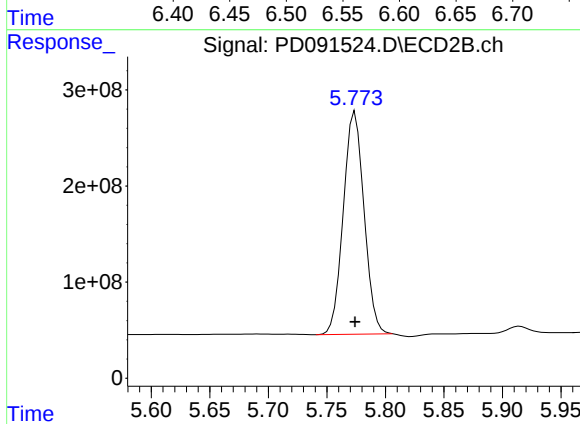
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 620869
Conc: 0.01 ng/ml



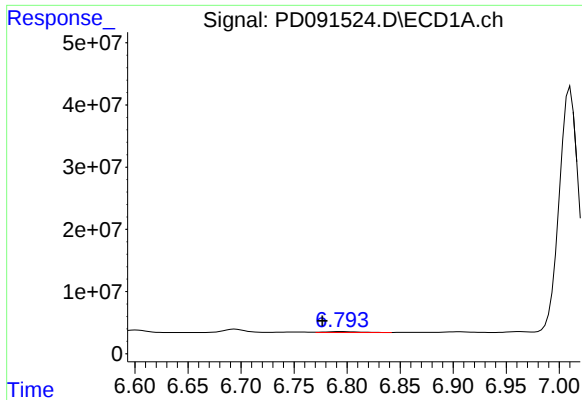
#14 Endrin

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 287119245
Conc: 51.20 ng/ml



#14 Endrin

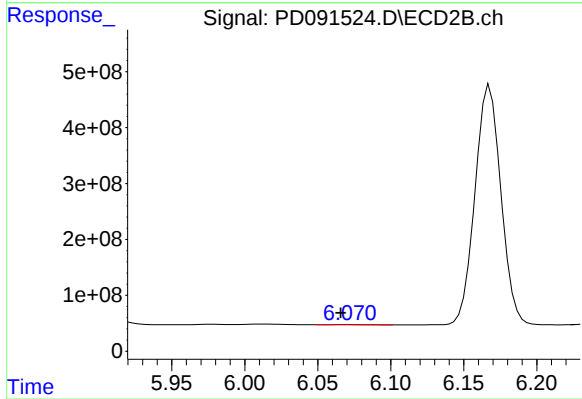
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 2862578829
Conc: 54.76 ng/ml



#15 Endosulfan II

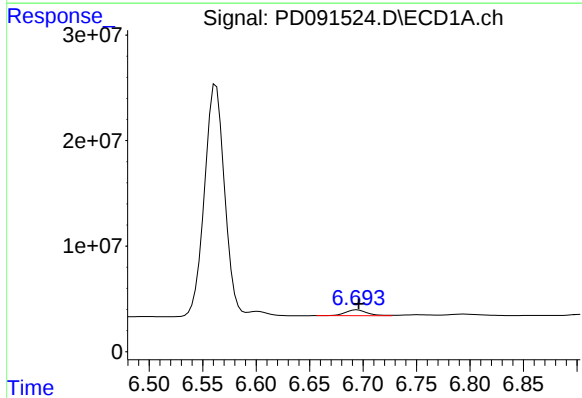
R.T.: 6.794 min
Delta R.T.: 0.018 min
Response: 3449664
Conc: 0.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



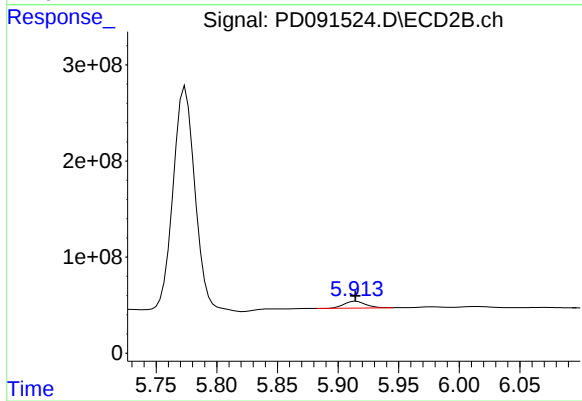
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.006 min
Response: 5697332
Conc: 0.12 ng/ml



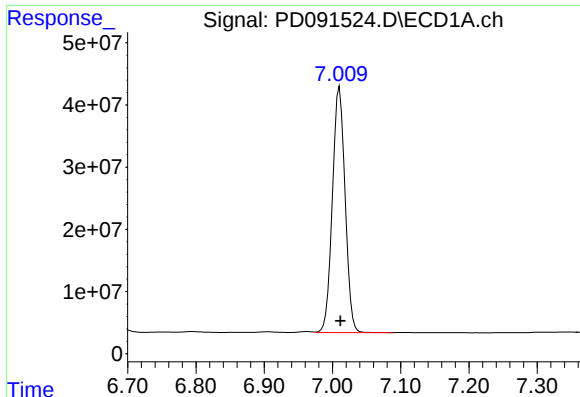
#16 4,4'-DDD

R.T.: 6.694 min
Delta R.T.: -0.001 min
Response: 7823540
Conc: 1.70 ng/ml



#16 4,4'-DDD

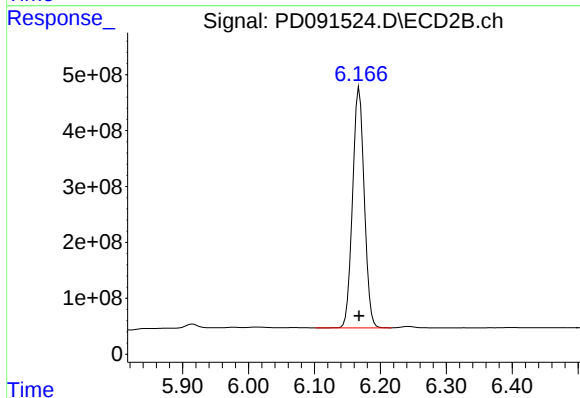
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 88826456
Conc: 1.95 ng/ml



#17 4,4'-DDT

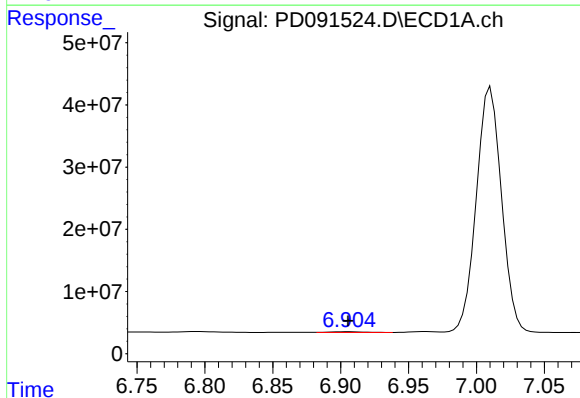
R.T.: 7.010 min
Delta R.T.: -0.001 min
Response: 510705615
Conc: 99.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



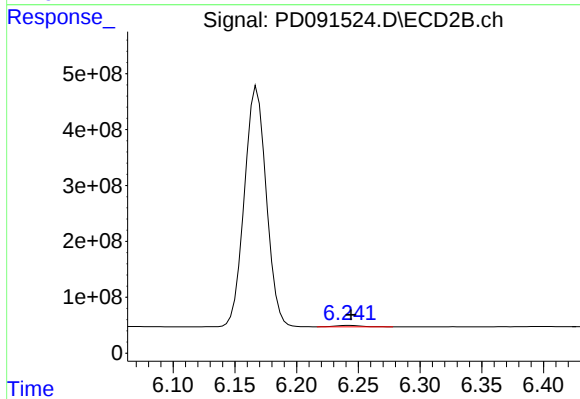
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 5307191718
Conc: 111.97 ng/ml



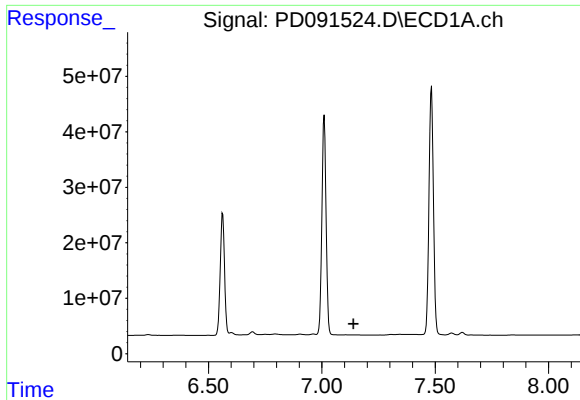
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 2267492
Conc: 0.54 ng/ml



#18 Endrin aldehyde

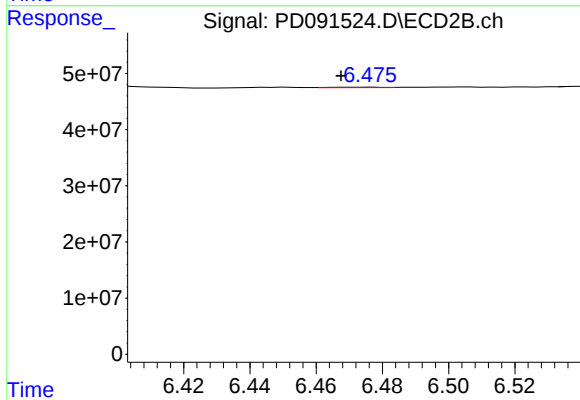
R.T.: 6.242 min
Delta R.T.: -0.002 min
Response: 34684826
Conc: 0.97 ng/ml



#19 Endosulfan Sulfate

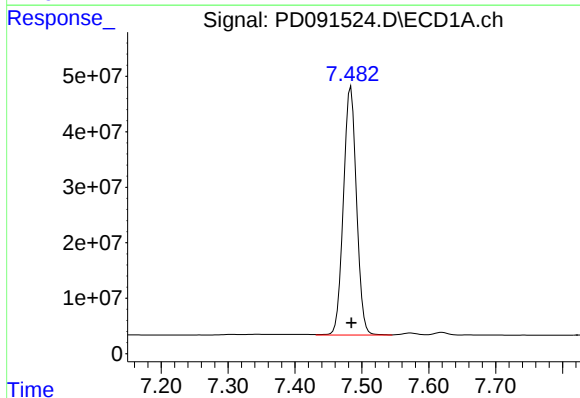
R.T.: 0.000 min
Exp R.T.: 7.140 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



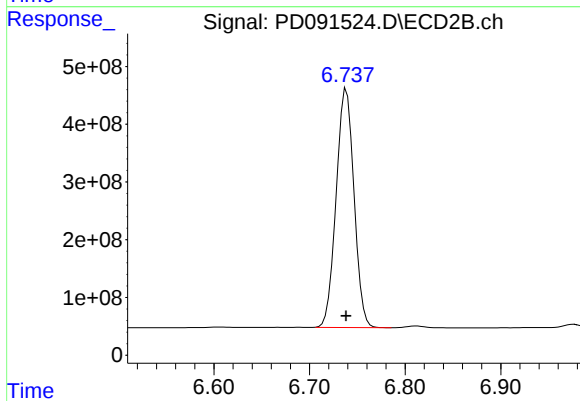
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.009 min
Response: 801350
Conc: 0.02 ng/ml



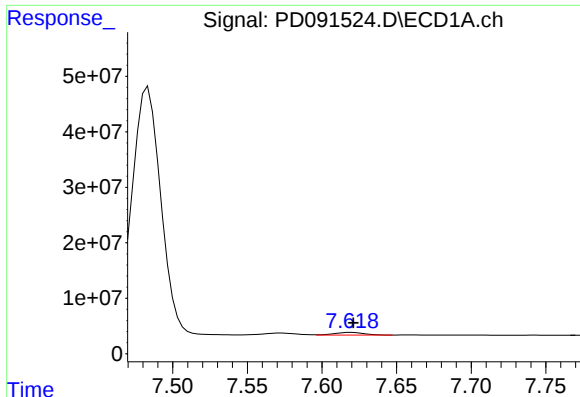
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 611609285
Conc: 227.53 ng/ml



#20 Methoxychlor

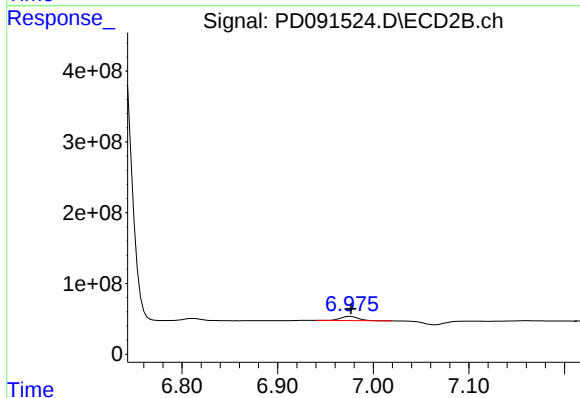
R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 5364103045
Conc: 227.31 ng/ml



#21 Endrin ketone

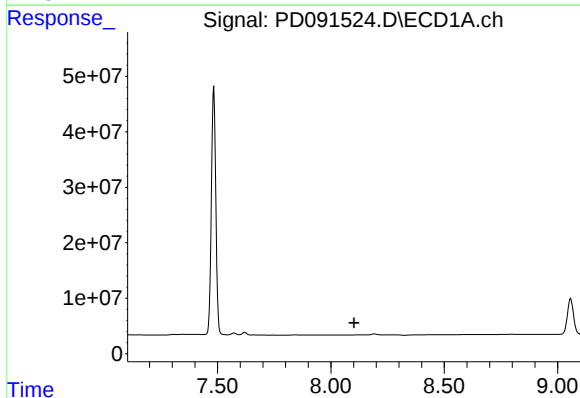
R.T.: 7.620 min
Delta R.T.: -0.001 min
Response: 6975499
Conc: 1.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



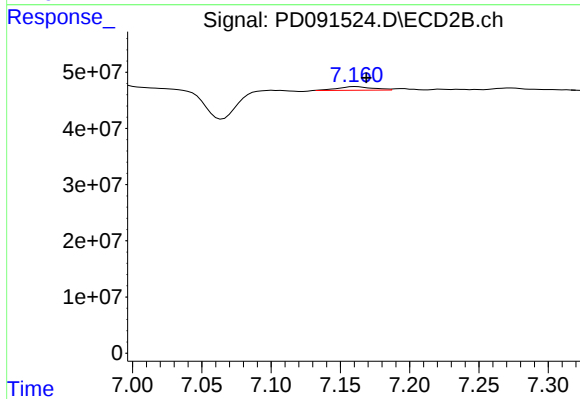
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 75103099
Conc: 1.54 ng/ml



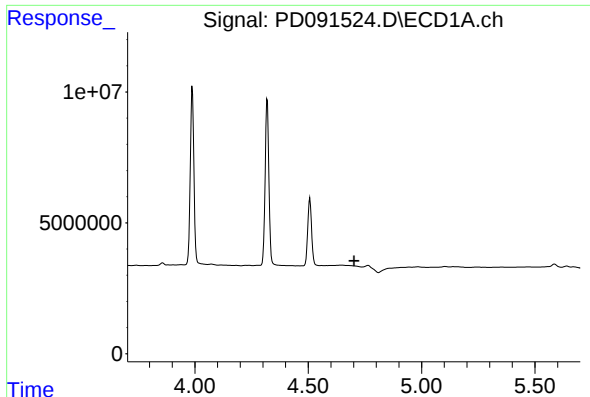
#22 Mirex

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



#22 Mirex

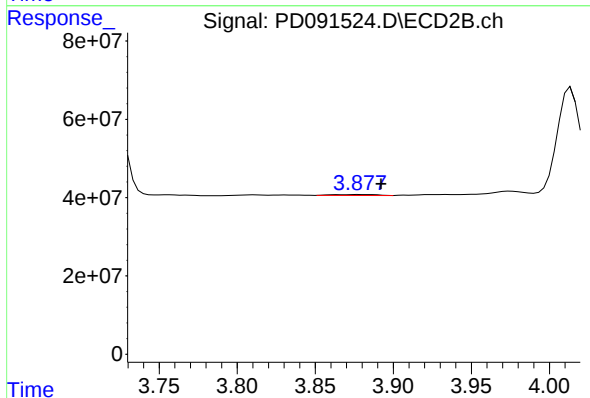
R.T.: 7.162 min
Delta R.T.: -0.007 min
Response: 11316784
Conc: 0.35 ng/ml



#23 Chlordane-1

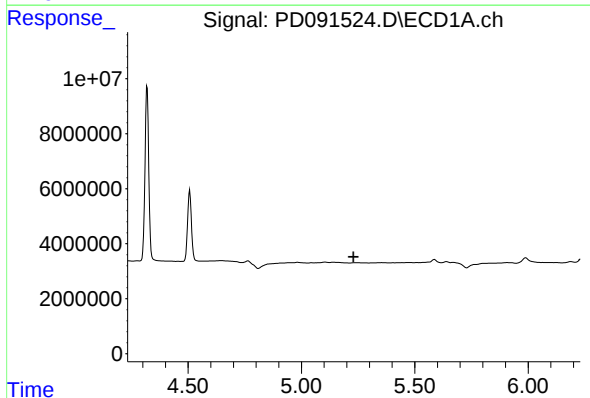
R.T.: 0.000 min
Exp R.T.: 4.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



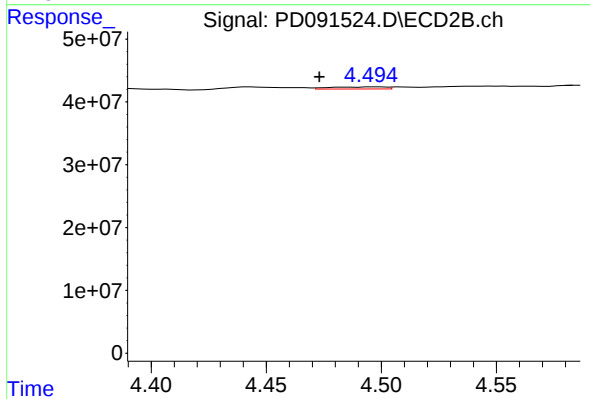
#23 Chlordane-1

R.T.: 3.879 min
Delta R.T.: -0.013 min
Response: 4617280
Conc: 3.09 ng/ml



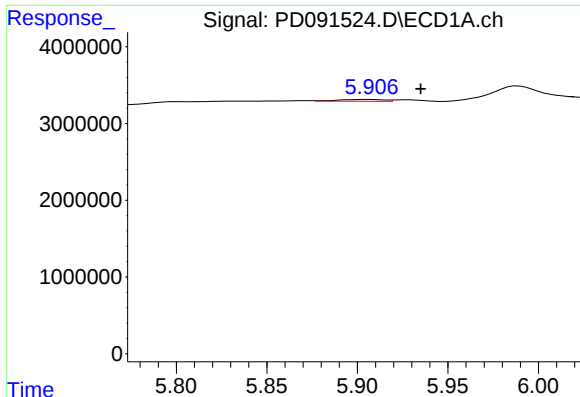
#24 Chlordane-2

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



#24 Chlordane-2

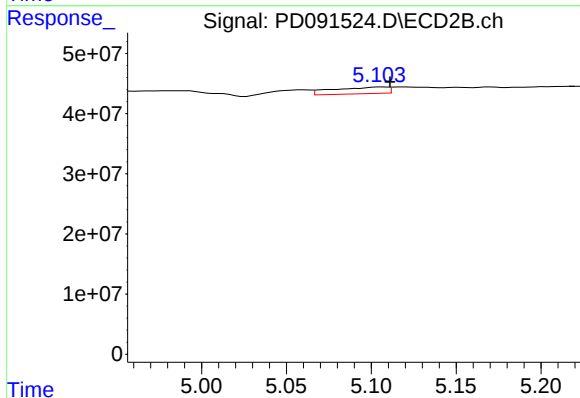
R.T.: 4.497 min
Delta R.T.: 0.024 min
Response: 5398530
Conc: 3.42 ng/ml



#25 Chlordane-3

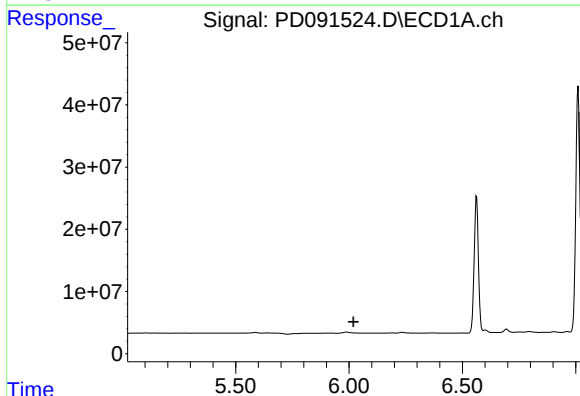
R.T.: 5.907 min
Delta R.T.: -0.028 min
Response: 405639
Conc: 0.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



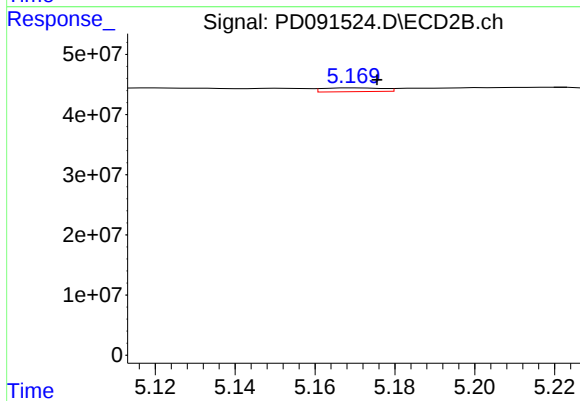
#25 Chlordane-3

R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 24459503
Conc: 4.80 ng/ml



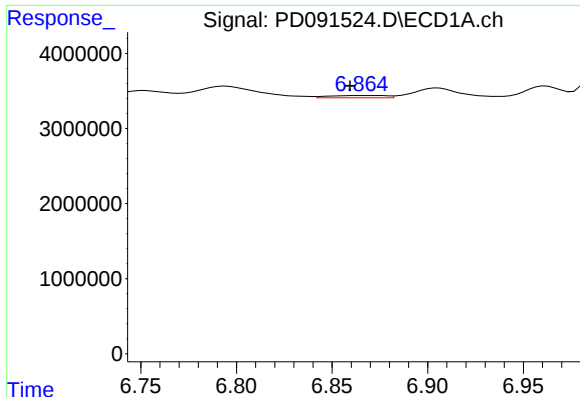
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.020 min
Response: 0
Conc: N.D.



#26 Chlordane-4

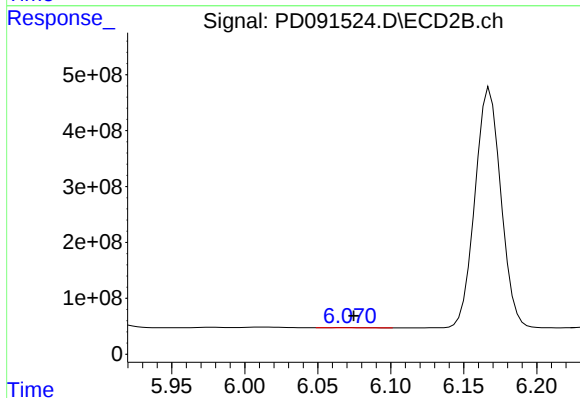
R.T.: 5.170 min
Delta R.T.: -0.005 min
Response: 6629198
Conc: 1.55 ng/ml



#27 Chlordane-5

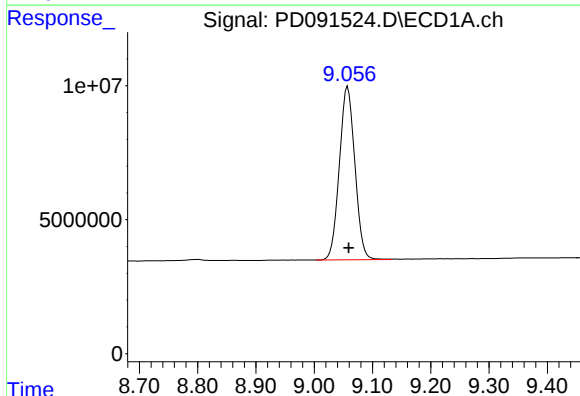
R.T.: 6.866 min
Delta R.T.: 0.006 min
Response: 640276
Conc: 3.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



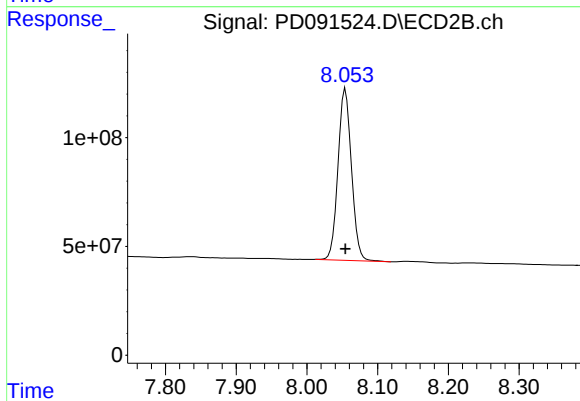
#27 Chlordane-5

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 5697332
Conc: 3.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.002 min
Response: 119349715
Conc: 22.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 1043423569
Conc: 25.20 ng/ml