

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091215.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2025 01:57
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 04:50:01 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...	3.544	2.874	70112210	739.9E6	20.330	20.199
28)	SA Decachlor...	9.065	8.059	107.2E6	854.5E6	21.516	21.593
Target Compounds							
2)	A alpha-BHC	3.993	3.385	68406483	617.0E6	8.556	9.763
3)	MA gamma-BHC...	4.323	3.721	65899371	565.0E6	8.818	9.771
4)	MA Heptachlor	4.916	4.065	497930	1942765	0.070	0.035 #
5)	MB Aldrin	0.000	4.358	0	8392342	N.D.	0.149 #
6)	B beta-BHC	4.511	4.018	27552592	238.1E6	9.483	9.910
7)	B delta-BHC	4.770	4.249	2668442	19591	0.359	0.000 #
8)	B Heptachlo...	5.676	4.836f	6461075	3151805	0.995	0.062 #
9)	A Endosulfan I	6.064	0.000	126669	0	0.021	N.D. #
10)	B gamma-Chl...	5.935	5.116	258361	48339467	0.040	0.885 #
11)	B alpha-Chl...	5.993f	5.180	5293100	61574339	0.769	1.177 #
12)	B 4,4'-DDE	6.189	5.365	1127356	29257046	0.194	0.547 #
13)	MA Dieldrin	6.361f	5.489	1177564	282185	0.182	0.005 #
14)	MA Endrin	6.567	5.778	228.8E6	2069.4E6	46.104	45.790
15)	B Endosulfa...	6.767	6.074	1788006	18758780	0.322	0.402
16)	A 4,4'-DDD	6.699	5.918	43689853	425.0E6	8.895	8.697
17)	MA 4,4'-DDT	7.015	6.172	382.8E6	3642.9E6	92.552	93.092
18)	B Endrin al...	6.909	6.247	9471510	76548295	2.274	2.169
19)	B Endosulfa...	7.112f	6.473	334014	456036	0.065	0.010 #
20)	A Methoxychlor	7.488	6.742	470.9E6	3916.8E6	216.576	195.339
21)	B Endrin ke...	7.624	6.980	20976394	221.0E6	3.723	4.338
22)	Mirex	0.000	7.165	0	7792819	N.D.	0.235 #
23)	Chlordane-1	0.000	3.888	0	1412619	N.D.	0.821 #
24)	Chlordane-2	0.000	4.474	0	38011359	N.D.	21.708 #
25)	Chlordane-3	5.935	5.116	258361	48339467	0.268	8.402 #
26)	Chlordane-4	0.000	5.180	0	61574339	N.D.	12.872 #
27)	Chlordane-5	6.868	6.074	1243772	18758780	6.295	9.244 #

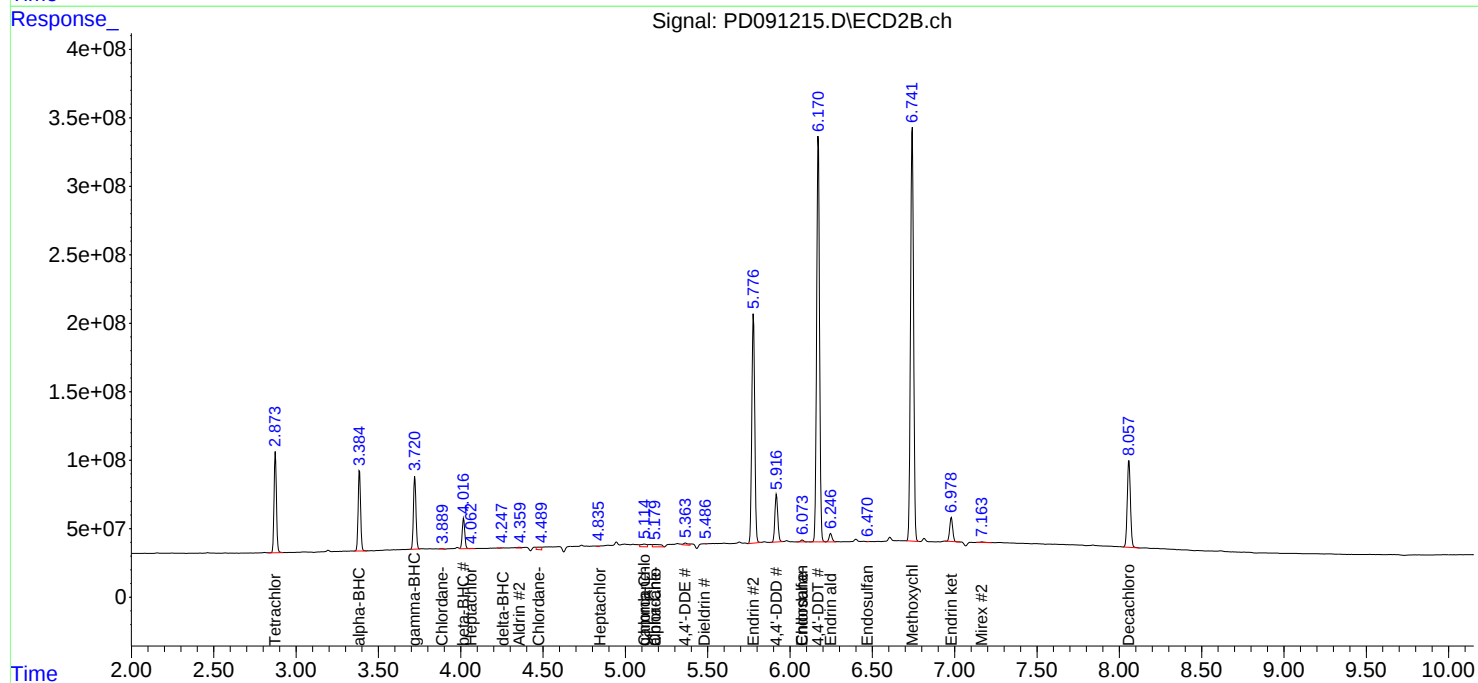
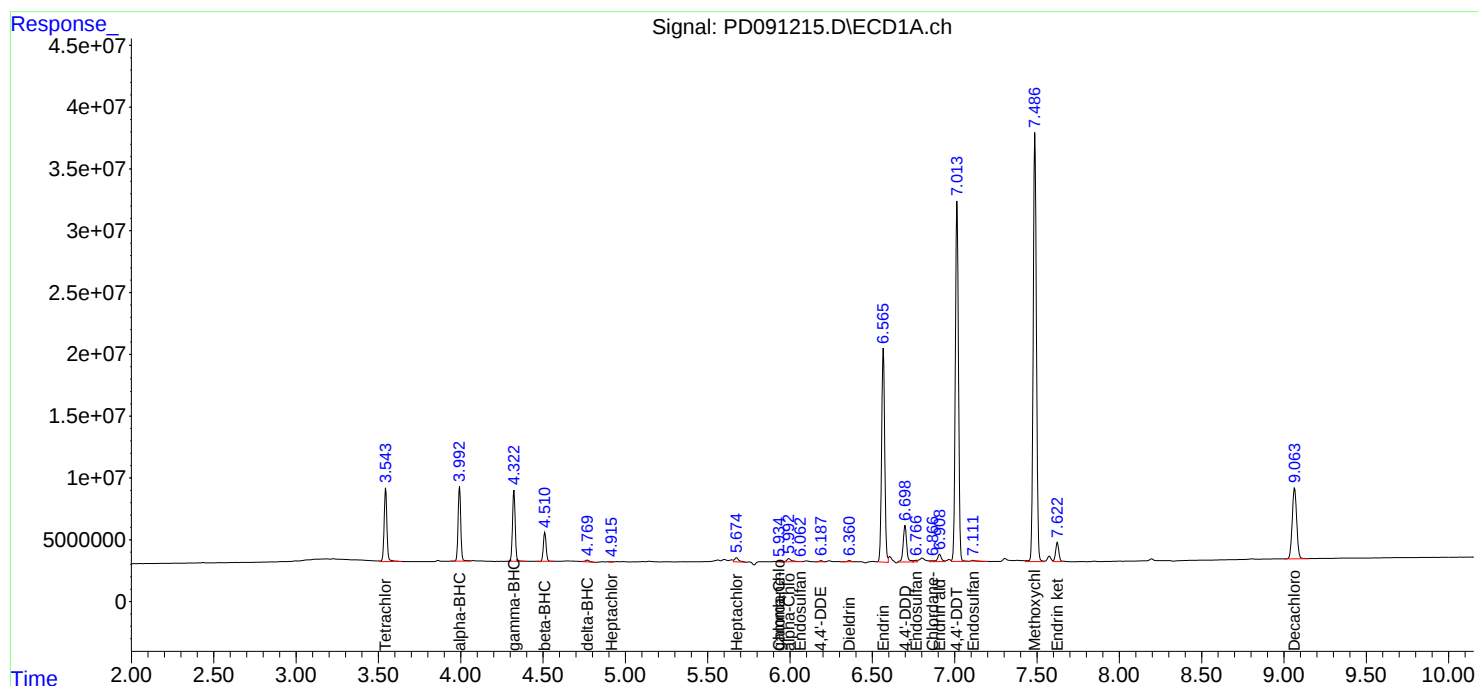
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

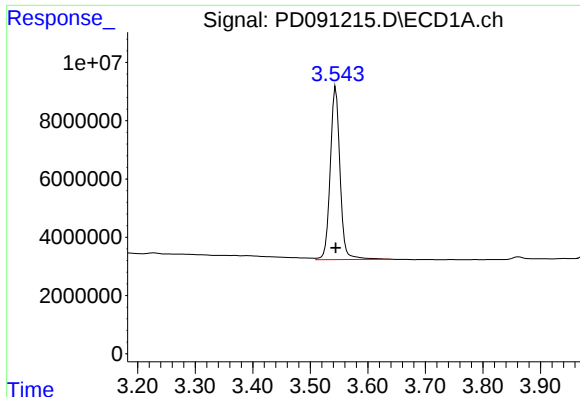
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2025 01:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:50:01 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

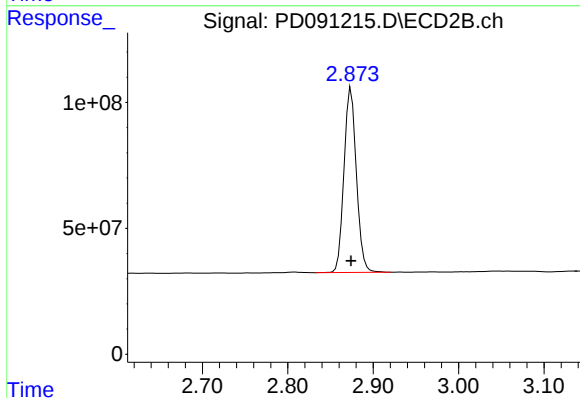




#1 Tetrachloro-m-xylene

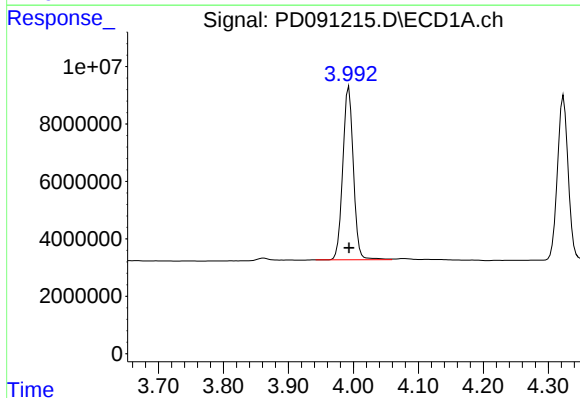
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 70112210
Conc: 20.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



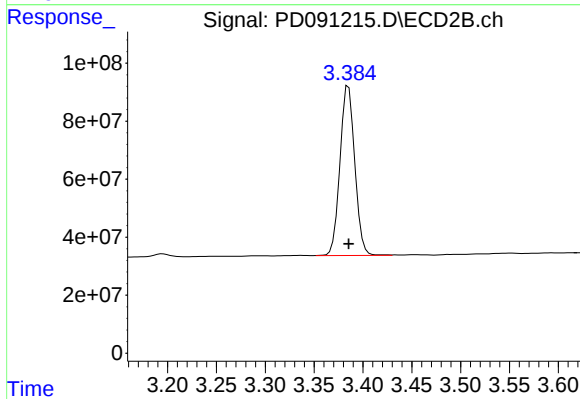
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 739911149
Conc: 20.20 ng/ml



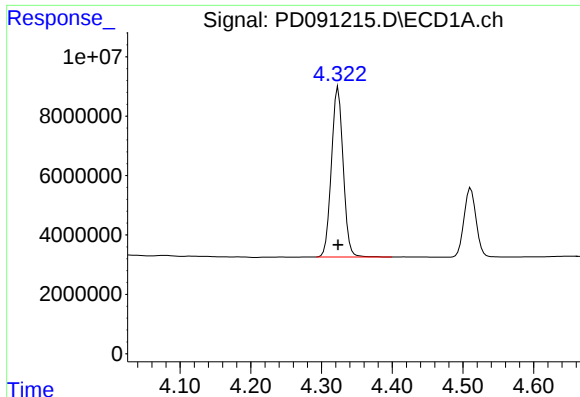
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 68406483
Conc: 8.56 ng/ml



#2 alpha-BHC

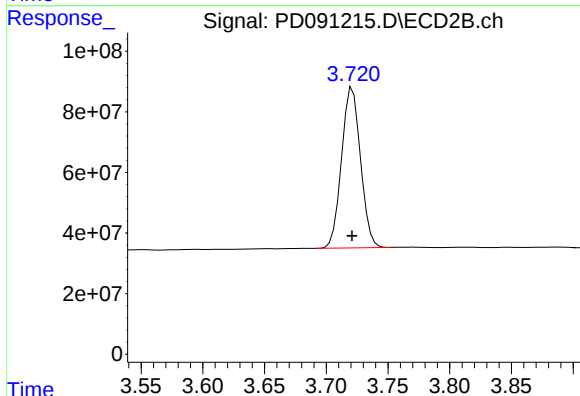
R.T.: 3.385 min
Delta R.T.: 0.000 min
Response: 617018359
Conc: 9.76 ng/ml



#3 gamma-BHC (Lindane)

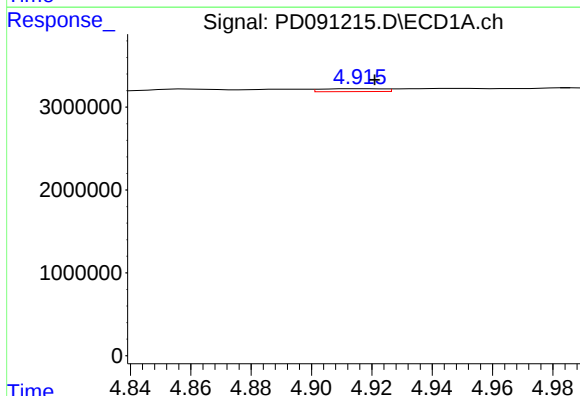
R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 65899371
Conc: 8.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



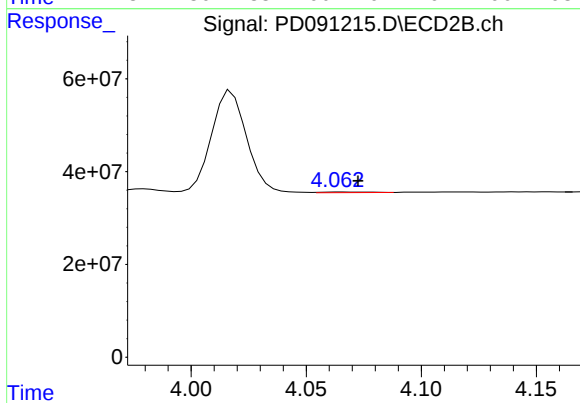
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: 0.000 min
Response: 564973915
Conc: 9.77 ng/ml



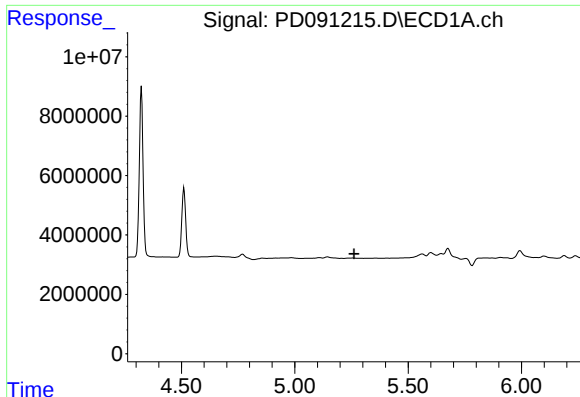
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.005 min
Response: 497930
Conc: 0.07 ng/ml



#4 Heptachlor

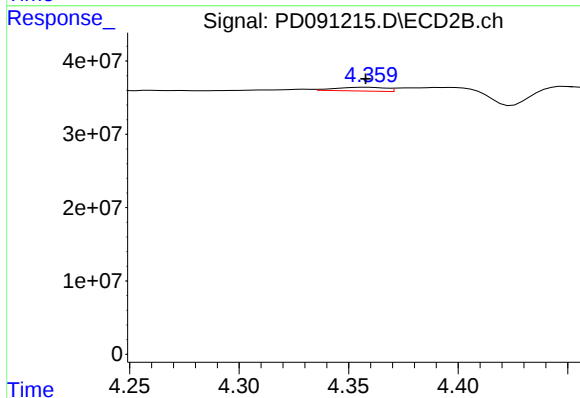
R.T.: 4.065 min
Delta R.T.: -0.008 min
Response: 1942765
Conc: 0.04 ng/ml



#5 Aldrin

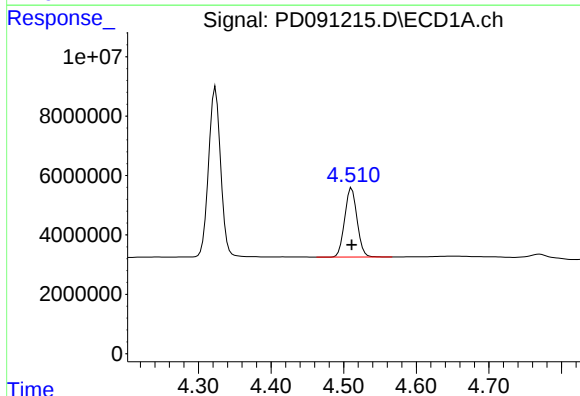
R.T.: 0.000 min
Exp R.T.: 5.262 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



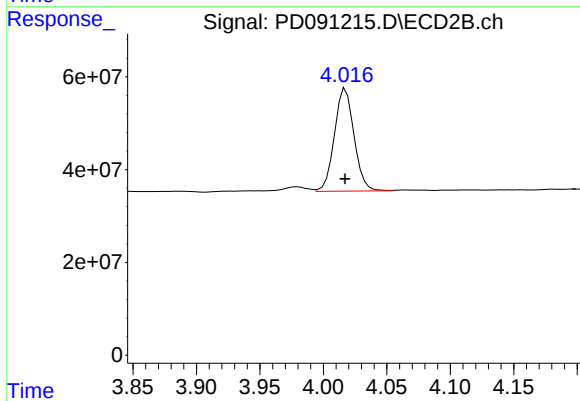
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 8392342
Conc: 0.15 ng/ml



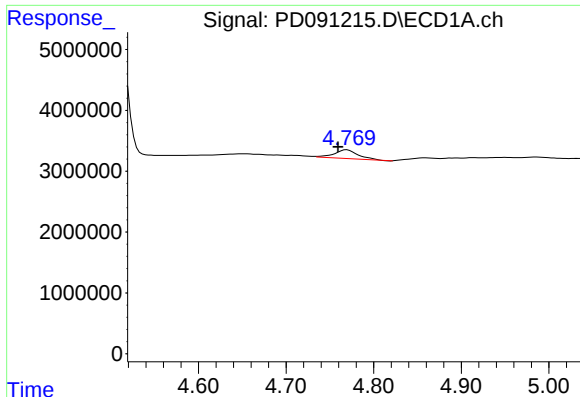
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 27552592
Conc: 9.48 ng/ml



#6 beta-BHC

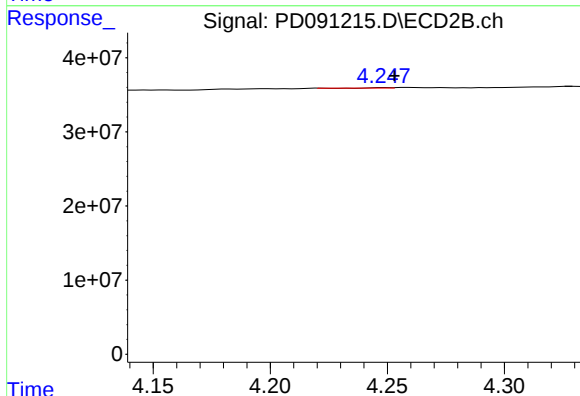
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 238104970
Conc: 9.91 ng/ml



#7 delta-BHC

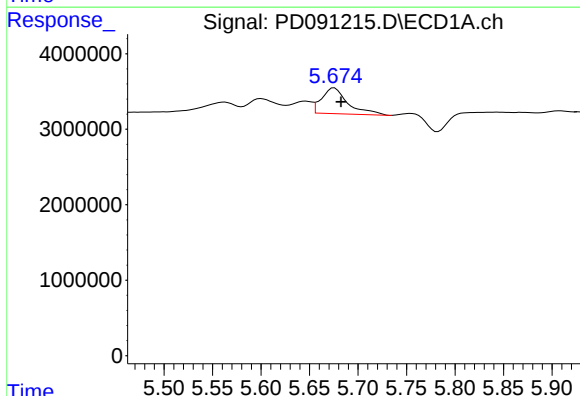
R.T.: 4.770 min
Delta R.T.: 0.010 min
Response: 2668442
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



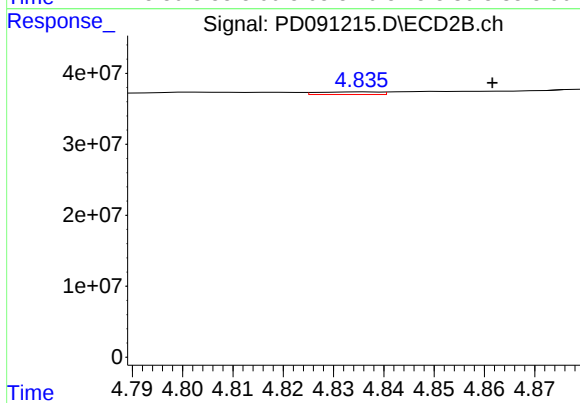
#7 delta-BHC

R.T.: 4.249 min
Delta R.T.: -0.004 min
Response: 19591
Conc: 0.00 ng/ml



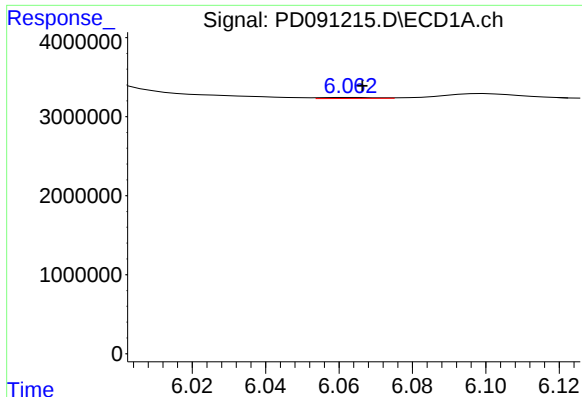
#8 Heptachlor epoxide

R.T.: 5.676 min
Delta R.T.: -0.007 min
Response: 6461075
Conc: 0.99 ng/ml



#8 Heptachlor epoxide

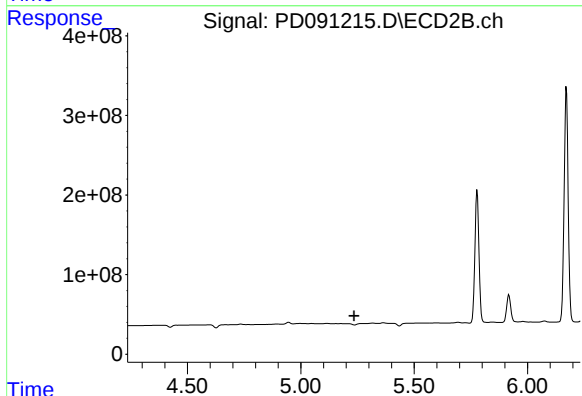
R.T.: 4.836 min
Delta R.T.: -0.025 min
Response: 3151805
Conc: 0.06 ng/ml



#9 Endosulfan I

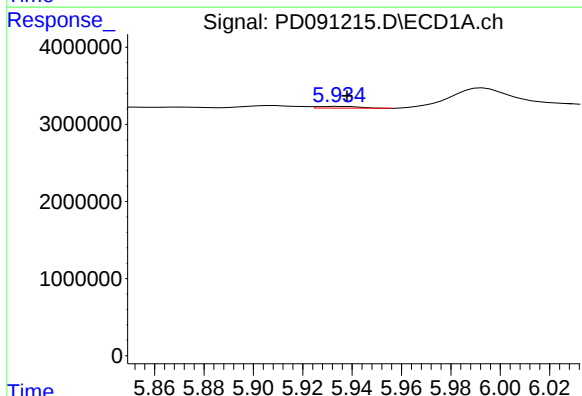
R.T.: 6.064 min
Delta R.T.: -0.003 min
Response: 126669
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



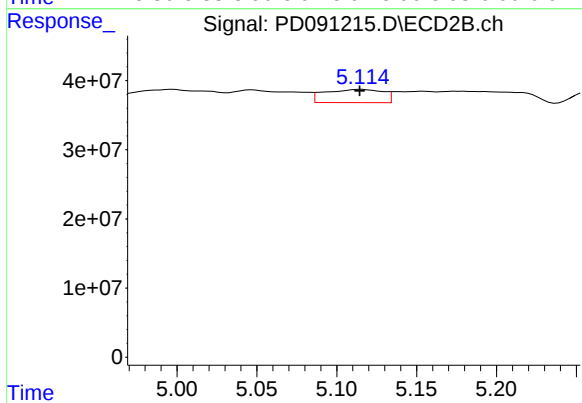
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.236 min
Response: 0
Conc: N.D.



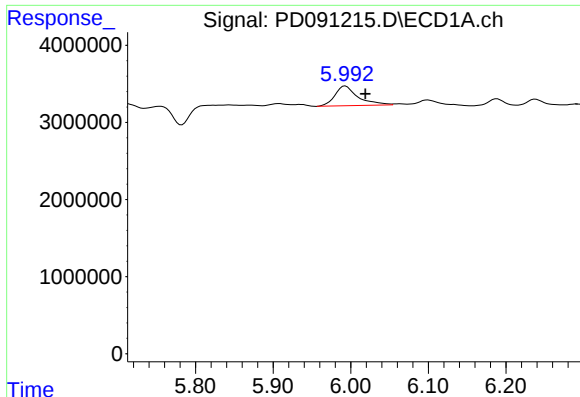
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.003 min
Response: 258361
Conc: 0.04 ng/ml



#10 gamma-Chlordane

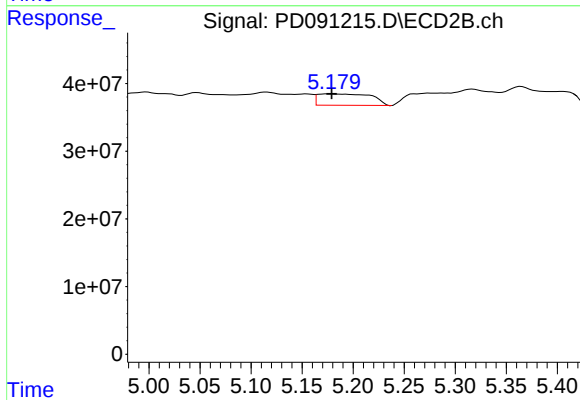
R.T.: 5.116 min
Delta R.T.: 0.001 min
Response: 48339467
Conc: 0.88 ng/ml



#11 alpha-Chlordane

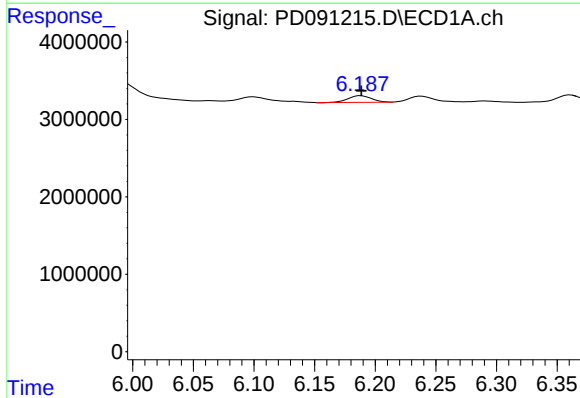
R.T.: 5.993 min
Delta R.T.: -0.026 min
Response: 5293100
Conc: 0.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



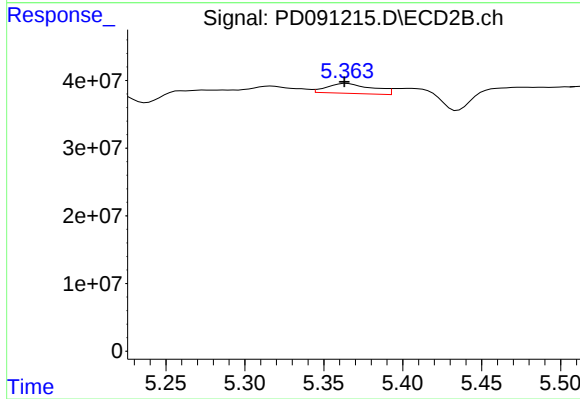
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 61574339
Conc: 1.18 ng/ml



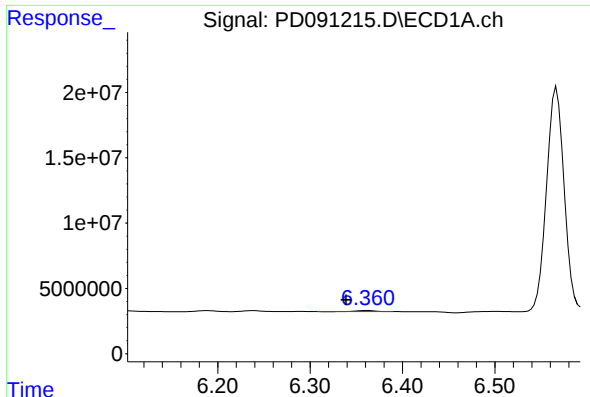
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 1127356
Conc: 0.19 ng/ml



#12 4,4'-DDE

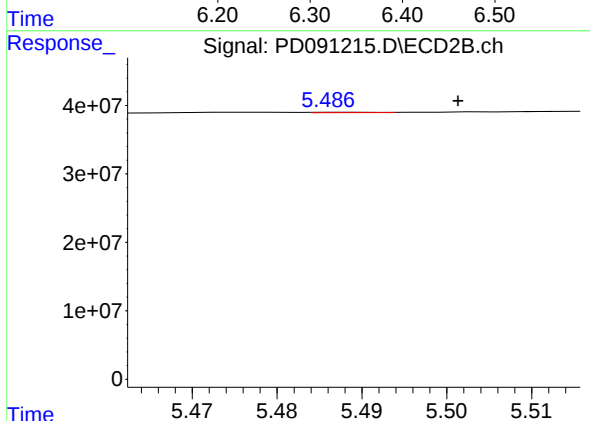
R.T.: 5.365 min
Delta R.T.: 0.002 min
Response: 29257046
Conc: 0.55 ng/ml



#13 Dieldrin

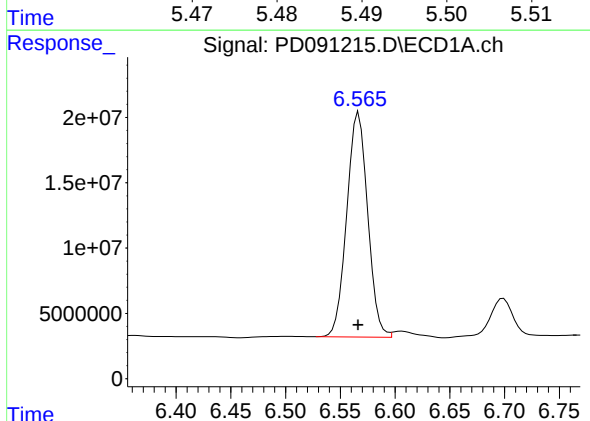
R.T.: 6.361 min
Delta R.T.: 0.022 min
Response: 1177564
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



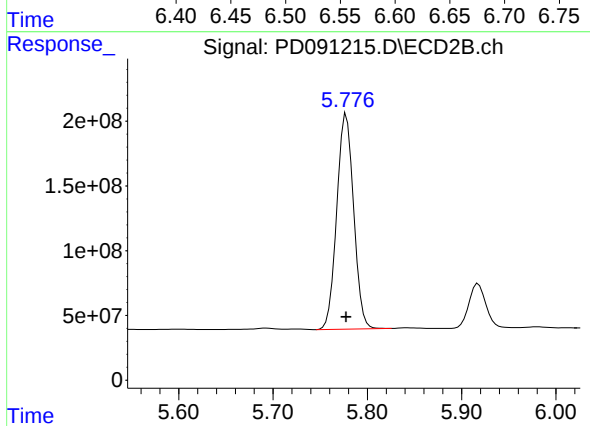
#13 Dieldrin

R.T.: 5.489 min
Delta R.T.: -0.013 min
Response: 282185
Conc: 0.01 ng/ml



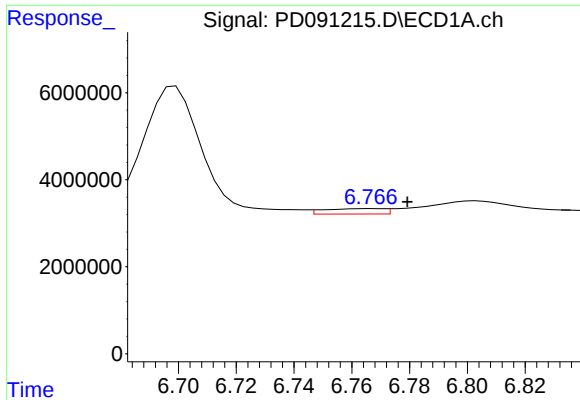
#14 Endrin

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 228838810
Conc: 46.10 ng/ml



#14 Endrin

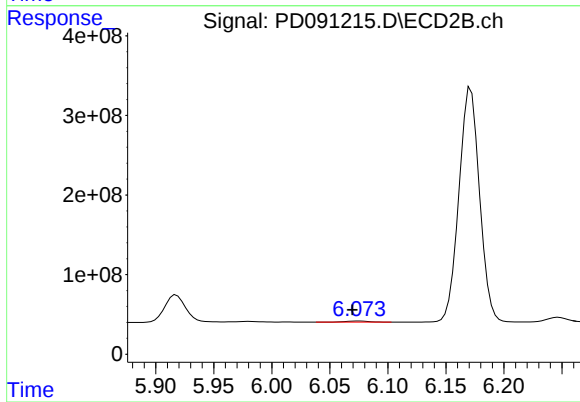
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 2069374951
Conc: 45.79 ng/ml



#15 Endosulfan II

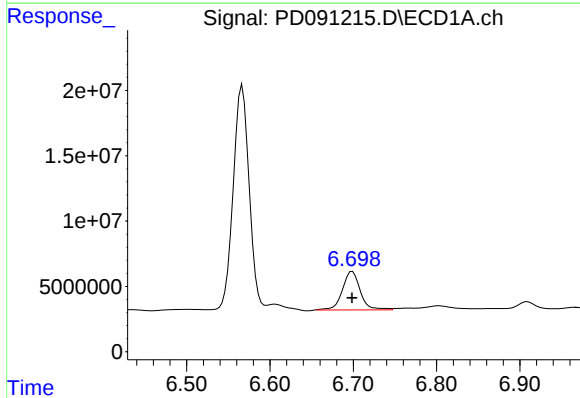
R.T.: 6.767 min
Delta R.T.: -0.012 min
Response: 1788006
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



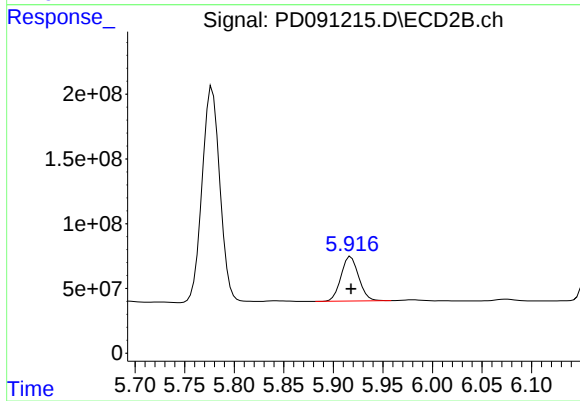
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: 0.005 min
Response: 18758780
Conc: 0.40 ng/ml



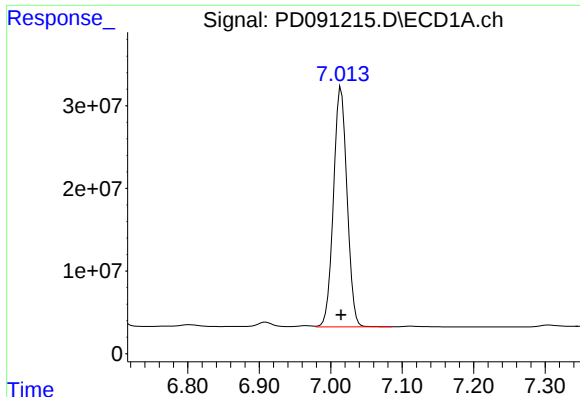
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 43689853
Conc: 8.90 ng/ml



#16 4,4'-DDD

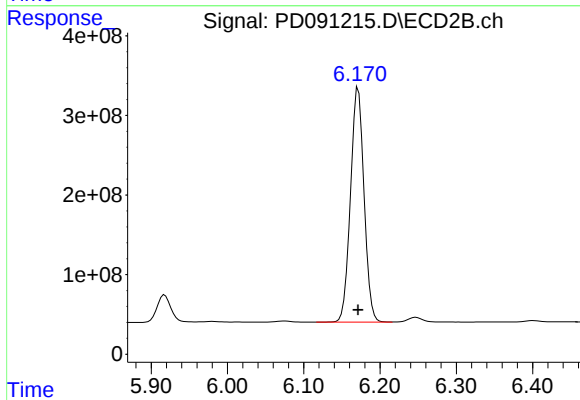
R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 424986834
Conc: 8.70 ng/ml



#17 4,4'-DDT

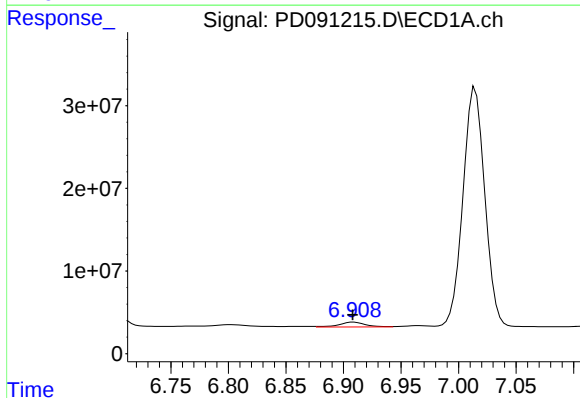
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 382751622
Conc: 92.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



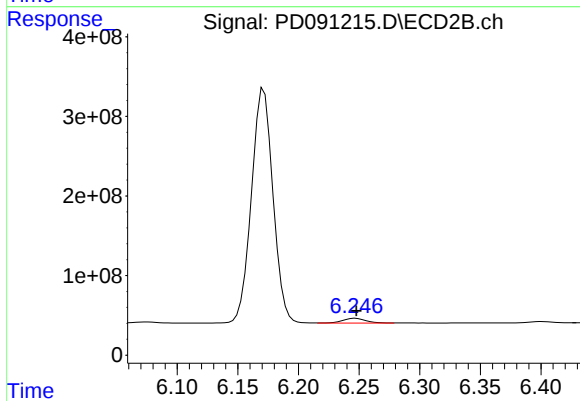
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 3642911259
Conc: 93.09 ng/ml



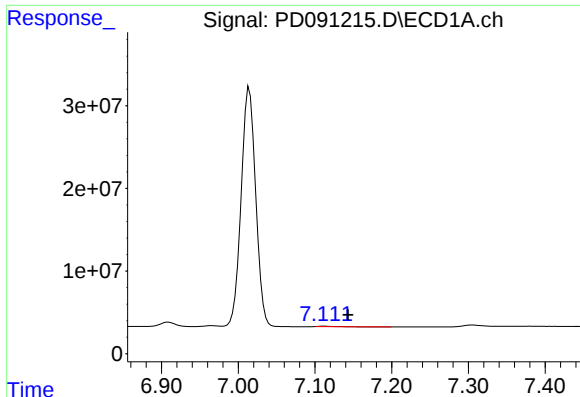
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 9471510
Conc: 2.27 ng/ml



#18 Endrin aldehyde

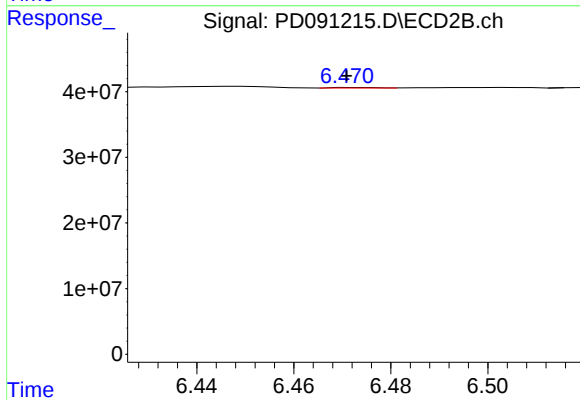
R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 76548295
Conc: 2.17 ng/ml



#19 Endosulfan Sulfate

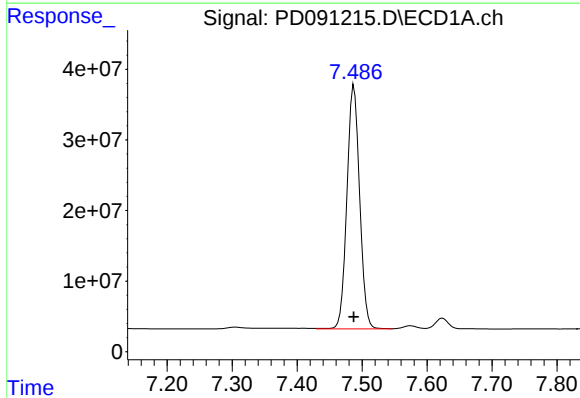
R.T.: 7.112 min
Delta R.T.: -0.031 min
Response: 334014
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



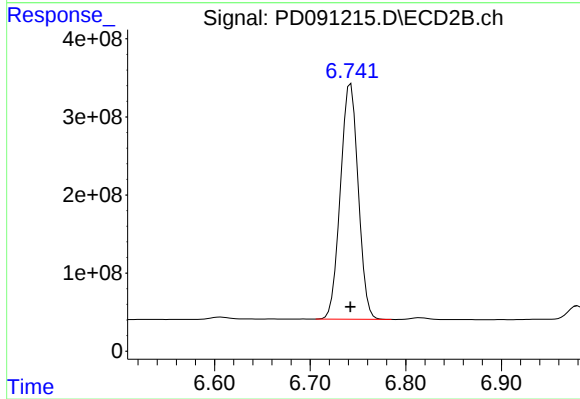
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.002 min
Response: 456036
Conc: 0.01 ng/ml



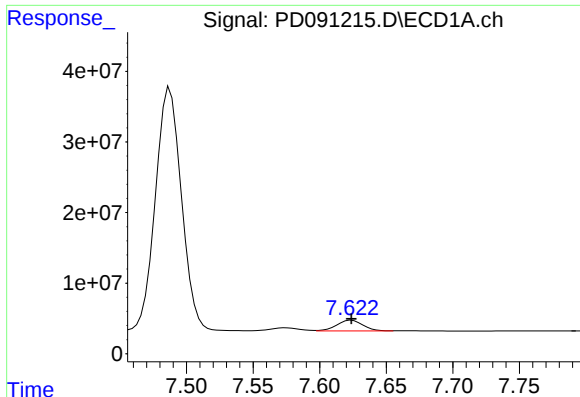
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 470909266
Conc: 216.58 ng/ml



#20 Methoxychlor

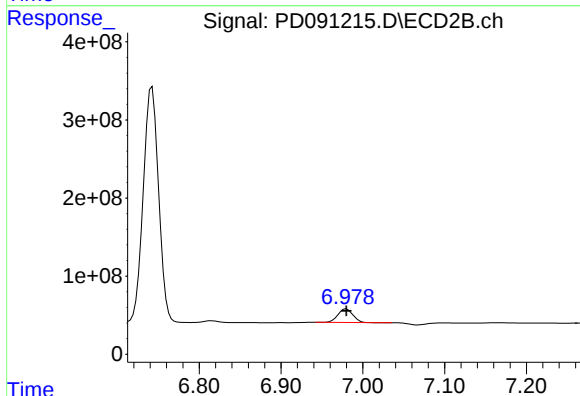
R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 3916823165
Conc: 195.34 ng/ml



#21 Endrin ketone

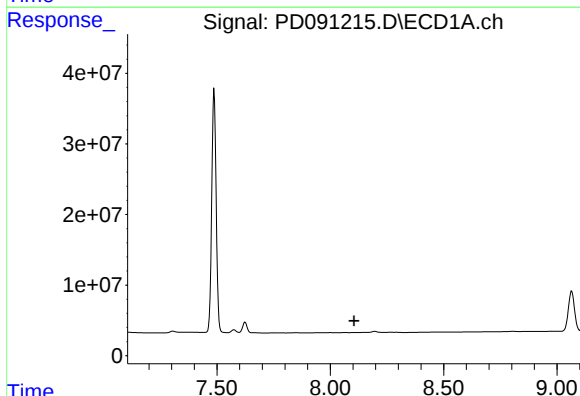
R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 20976394
Conc: 3.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



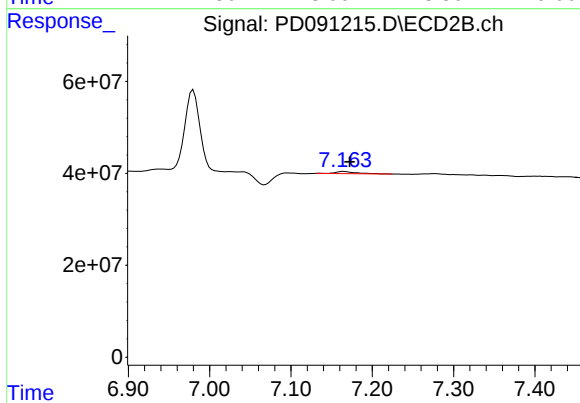
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 221023435
Conc: 4.34 ng/ml



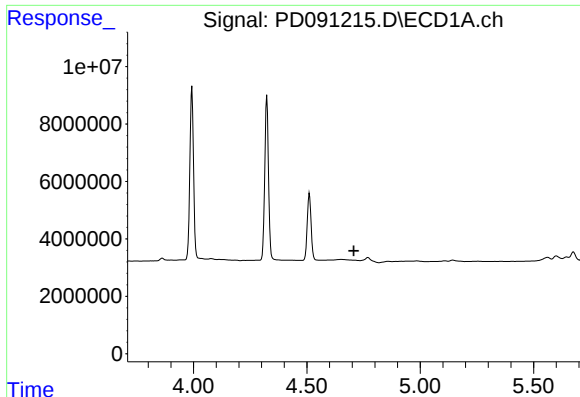
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.106 min
Response: 0
Conc: N.D.



#22 Mirex

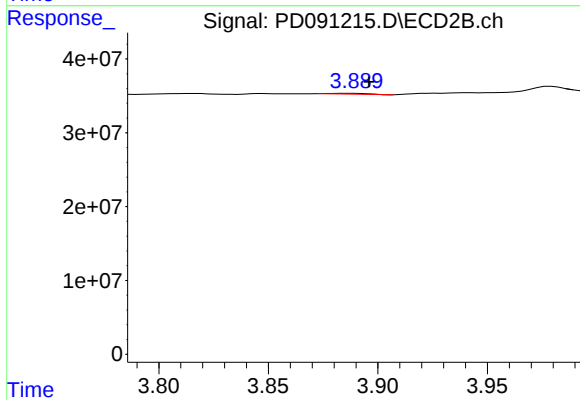
R.T.: 7.165 min
Delta R.T.: -0.007 min
Response: 7792819
Conc: 0.24 ng/ml



#23 Chlordane-1

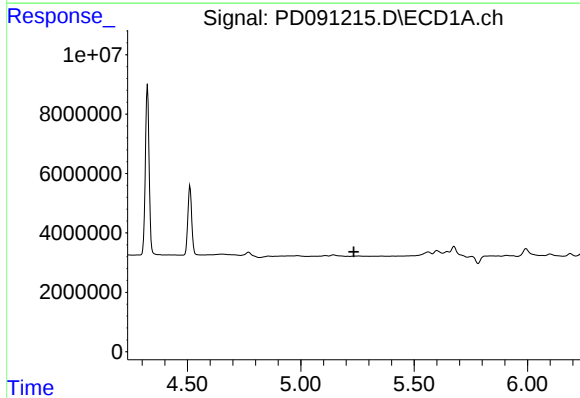
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



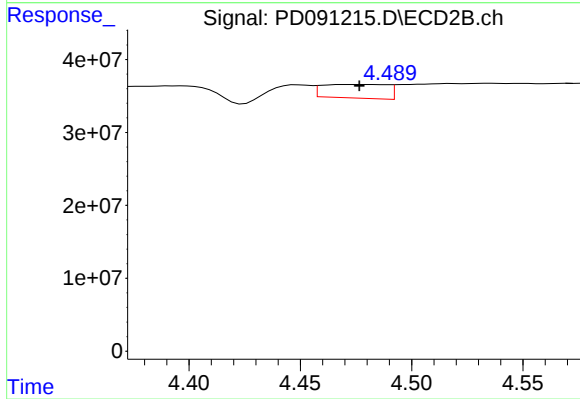
#23 Chlordane-1

R.T.: 3.888 min
Delta R.T.: -0.008 min
Response: 1412619
Conc: 0.82 ng/ml



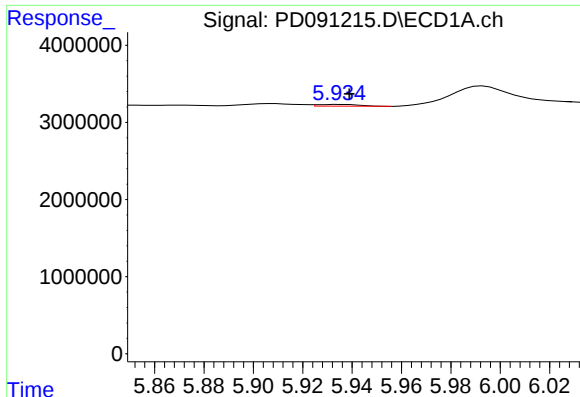
#24 Chlordane-2

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



#24 Chlordane-2

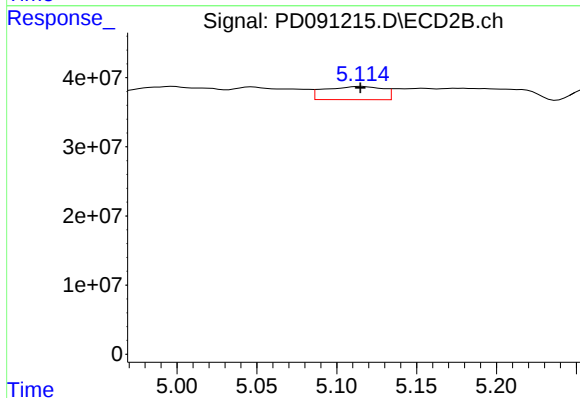
R.T.: 4.474 min
Delta R.T.: -0.003 min
Response: 38011359
Conc: 21.71 ng/ml



#25 Chlordane-3

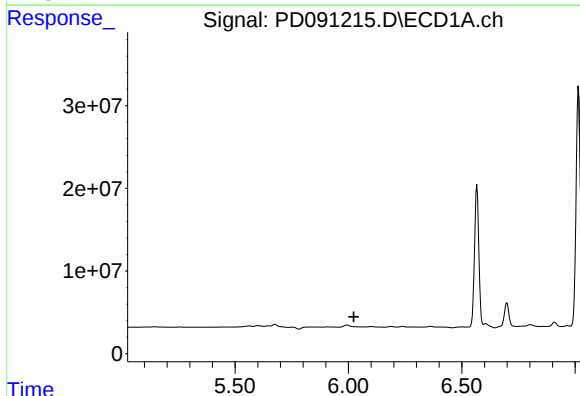
R.T.: 5.935 min
Delta R.T.: -0.003 min
Response: 258361
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



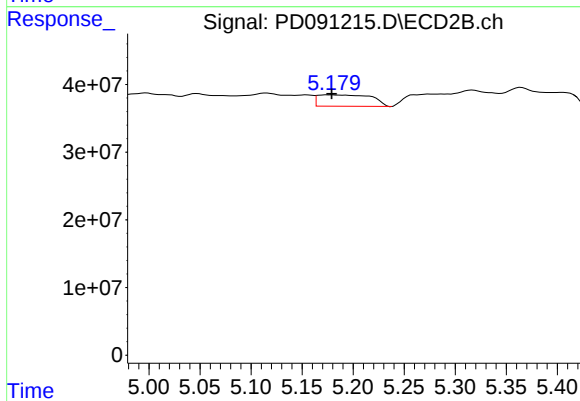
#25 Chlordane-3

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 48339467
Conc: 8.40 ng/ml



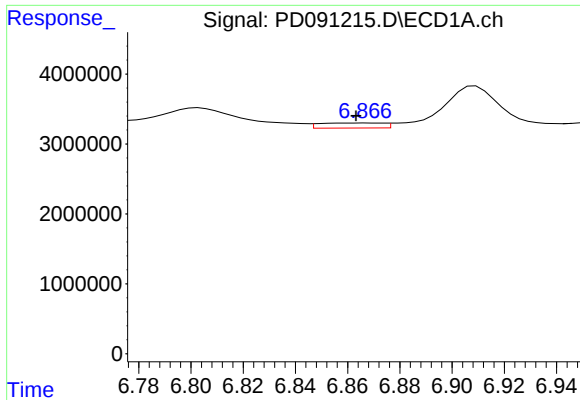
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.024 min
Response: 0
Conc: N.D.



#26 Chlordane-4

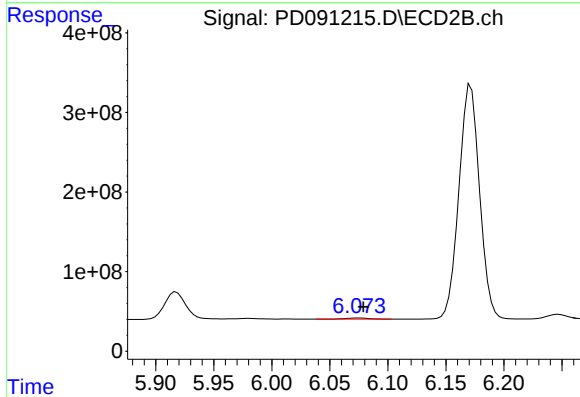
R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 61574339
Conc: 12.87 ng/ml



#27 Chlordane-5

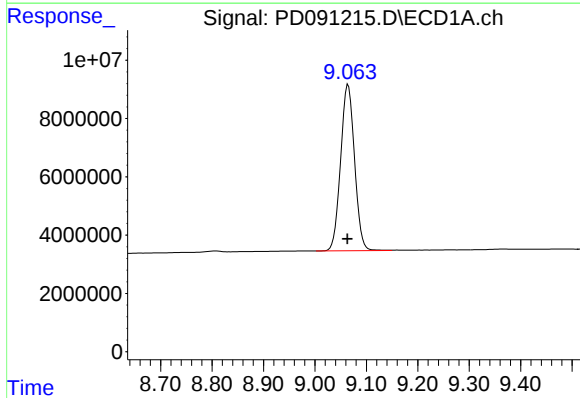
R.T.: 6.868 min
Delta R.T.: 0.005 min
Response: 1243772
Conc: 6.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



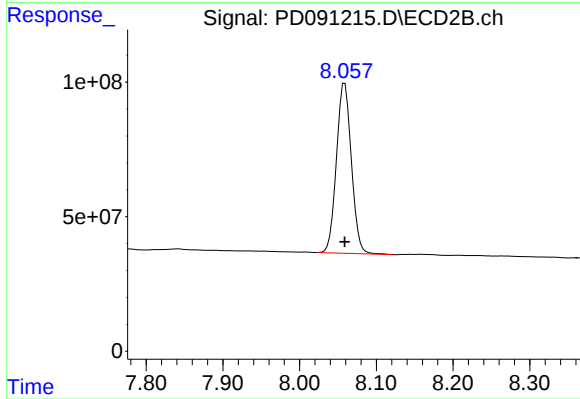
#27 Chlordane-5

R.T.: 6.074 min
Delta R.T.: -0.004 min
Response: 18758780
Conc: 9.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.001 min
Response: 107189796
Conc: 21.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 854531102
Conc: 21.59 ng/ml