

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
 Data File : PD091105.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2025 14:31
 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: Nov 12 21:23:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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	66933525	703.2E6	21.493	23.616
28)	SA Decachlor...	9.067	8.060	97379921	743.1E6	20.817	24.533
Target Compounds							
2)	A alpha-BHC	3.993	3.386	65387968	587.5E6	9.111	11.499 #
3)	MA gamma-BHC...	4.324	3.722	62414495	541.8E6	9.180	11.466
4)	MA Heptachlor	4.945f	4.070	11796566	2293166	2.110	0.051 #
5)	MB Aldrin	5.251	4.359	428961	2095544	0.066	0.045 #
6)	B beta-BHC	4.511	4.018	26715377	225.9E6	10.198	11.391
7)	B delta-BHC	4.771	4.247	9352903	1658764	1.383	0.035 #
8)	B Heptachlo...	0.000	4.889f	0	36509006	N.D.	0.856 #
9)	A Endosulfan I	0.000	5.221f	0	3996067	N.D.	0.101 #
10)	B gamma-Chl...	5.941	5.116	719460	9914218	0.121	0.221 #
11)	B alpha-Chl...	5.995f	5.179	39891816	11377870	6.455	0.264 #
12)	B 4,4'-DDE	6.192	5.368	423117	7278646	0.079	0.166 #
13)	MA Dieldrin	6.361f	5.507	400059	213158	0.069	0.005 #
14)	MA Endrin	6.568	5.779	231.9E6	2143.5E6	46.822	52.933
15)	B Endosulfa...	6.767	6.077	2961859	9309386	0.592	0.248 #
16)	A 4,4'-DDD	6.700	5.919	26591918	281.4E6	6.559	7.723
17)	MA 4,4'-DDT	7.016	6.173	378.3E6	3549.9E6	92.034	101.214
18)	B Endrin al...	6.912	6.248	3195452	35033713	0.872	1.265 #
19)	B Endosulfa...	7.113f	6.481	391740	563598	0.084	0.016 #
20)	A Methoxychlor	7.489	6.743	473.0E6	3848.5E6	222.534	220.828
21)	B Endrin ke...	7.625	6.981	10830392	100.5E6	2.229	2.664
22)	Mirex	0.000	7.167	0	13999928	N.D.	0.545 #
23)	Chlordane-1	0.000	3.888	0	1928979	N.D.	1.548 #
24)	Chlordane-2	5.251	4.486	428961	3959458	2.221	3.035 #
25)	Chlordane-3	5.941	5.116	719460	9914218	0.943	2.548 #
26)	Chlordane-4	0.000	5.179	0	11377870	N.D.	3.405 #
27)	Chlordane-5	6.865	6.077	537200	9309386	3.575	6.307 #

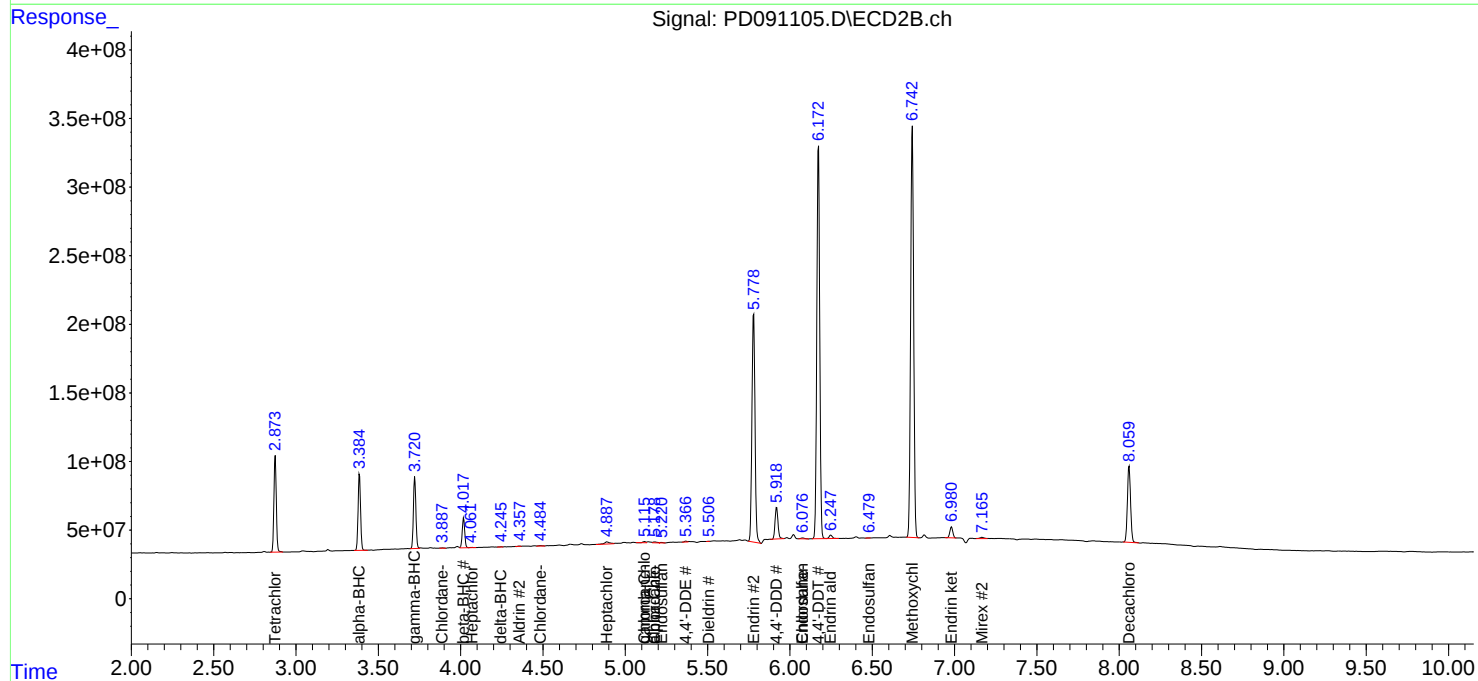
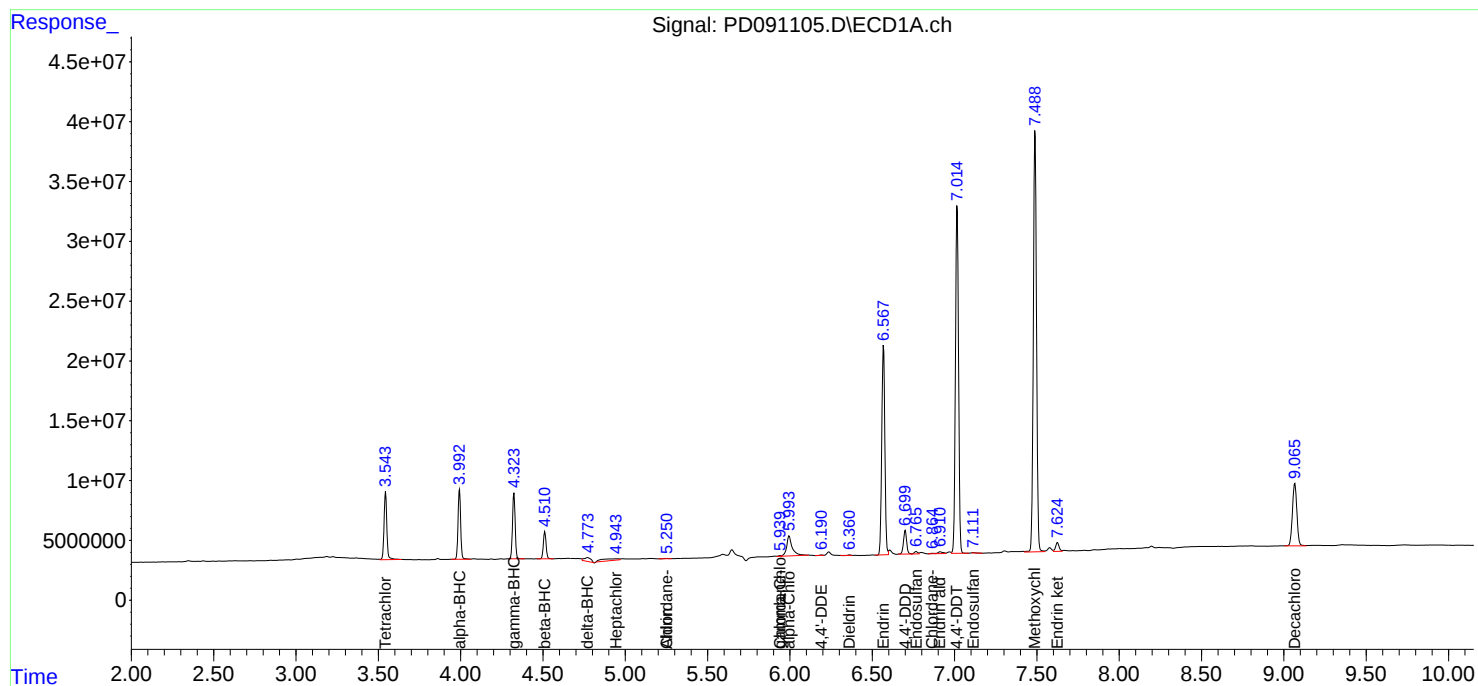
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

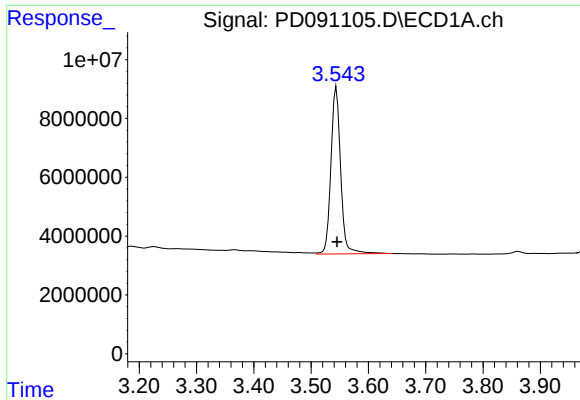
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091105.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 14:31
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:23:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

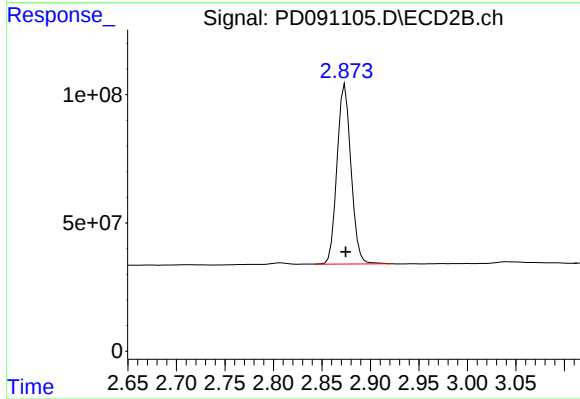




#1 Tetrachloro-m-xylene

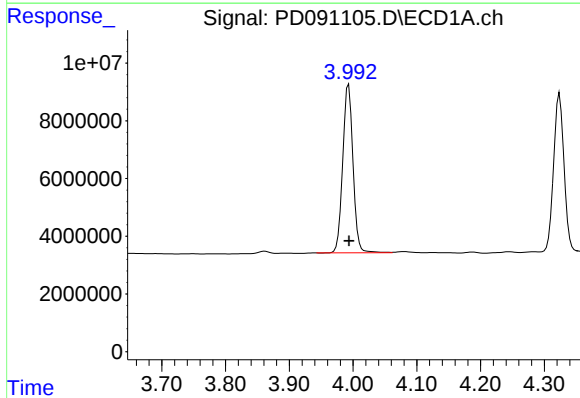
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 66933525
Conc: 21.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



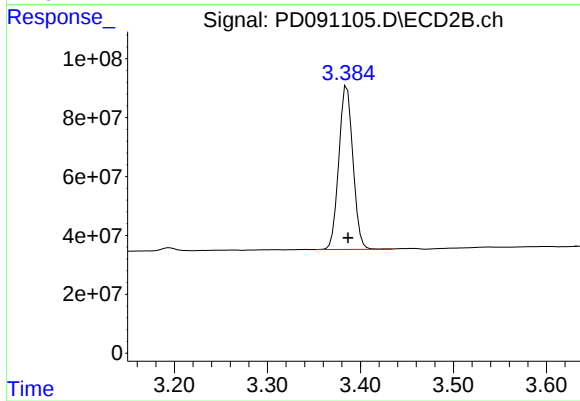
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 703204696
Conc: 23.62 ng/ml



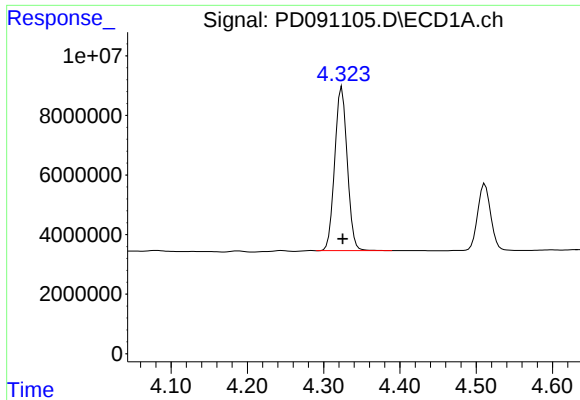
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 65387968
Conc: 9.11 ng/ml



#2 alpha-BHC

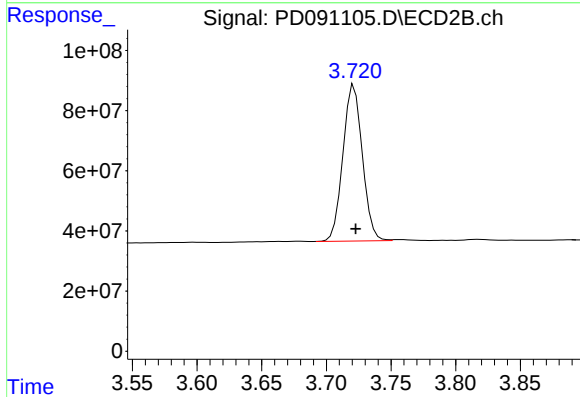
R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 587531437
Conc: 11.50 ng/ml



#3 gamma-BHC (Lindane)

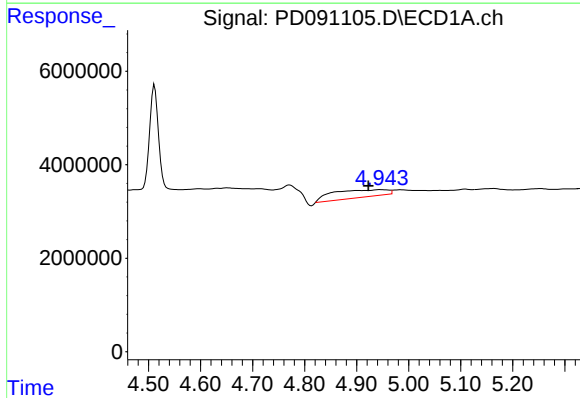
R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 62414495
Conc: 9.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



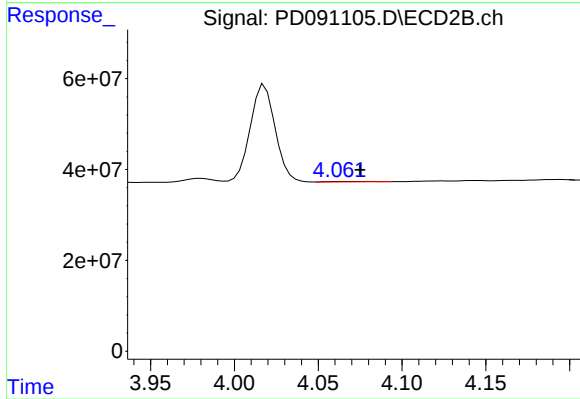
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.001 min
Response: 541774129
Conc: 11.47 ng/ml



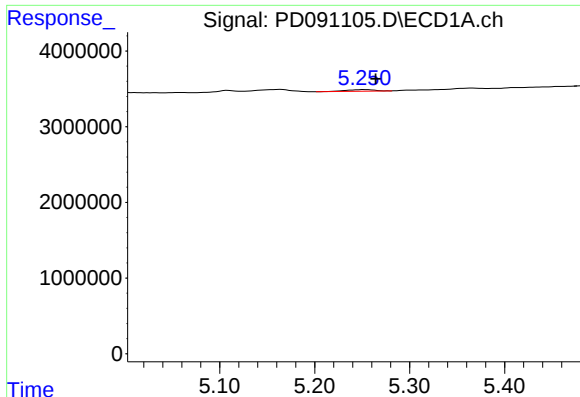
#4 Heptachlor

R.T.: 4.945 min
Delta R.T.: 0.022 min
Response: 11796566
Conc: 2.11 ng/ml



#4 Heptachlor

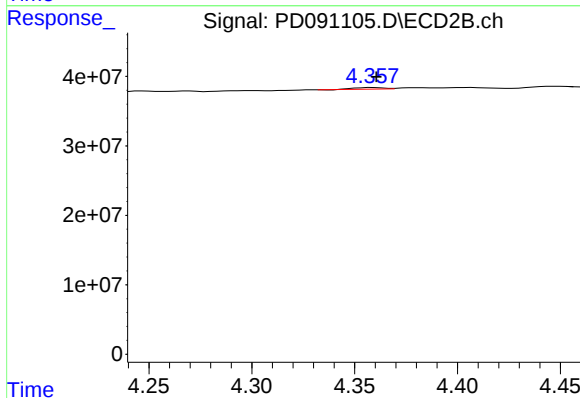
R.T.: 4.070 min
Delta R.T.: -0.005 min
Response: 2293166
Conc: 0.05 ng/ml



#5 Aldrin

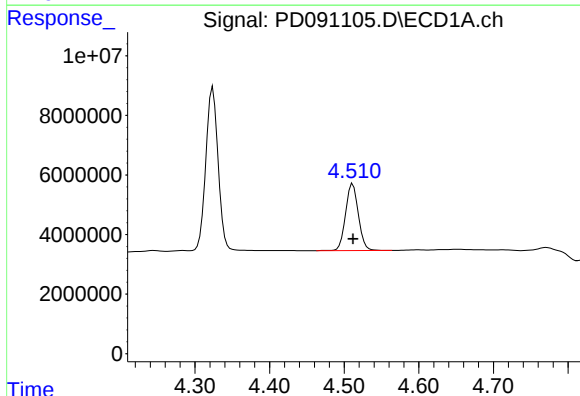
R.T.: 5.251 min
Delta R.T.: -0.013 min
Response: 428961
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



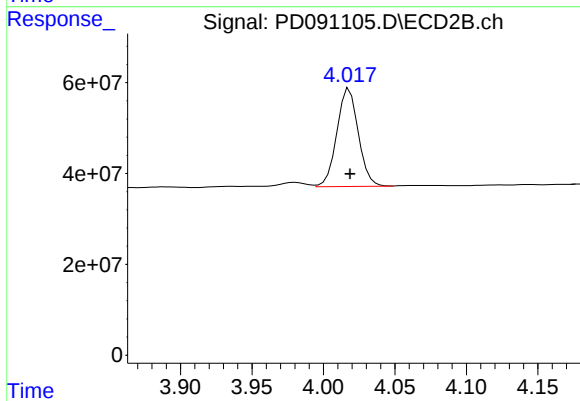
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2095544
Conc: 0.05 ng/ml



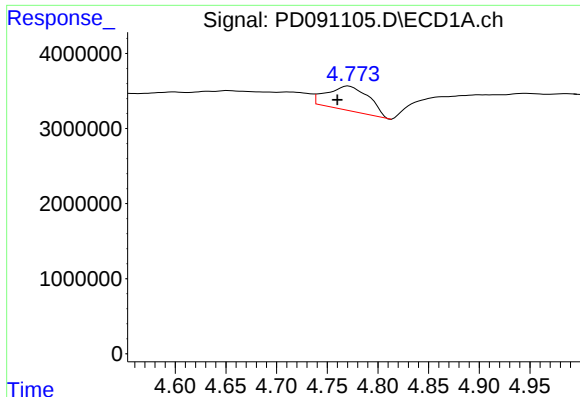
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 26715377
Conc: 10.20 ng/ml



#6 beta-BHC

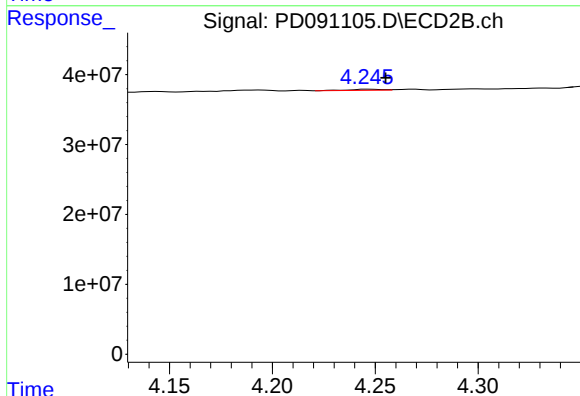
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 225872899
Conc: 11.39 ng/ml



#7 delta-BHC

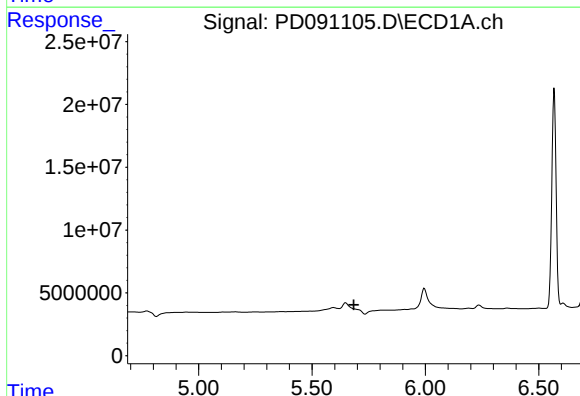
R.T.: 4.771 min
Delta R.T.: 0.011 min
Response: 9352903
Conc: 1.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



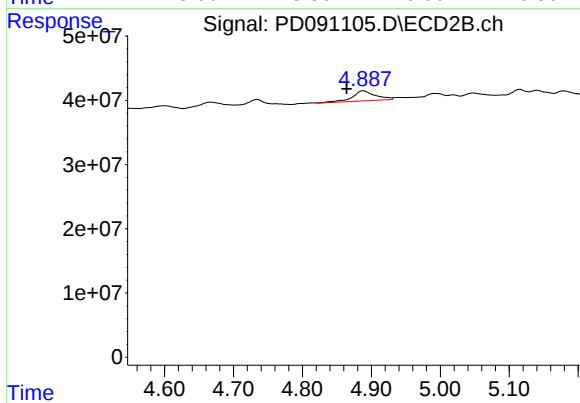
#7 delta-BHC

R.T.: 4.247 min
Delta R.T.: -0.008 min
Response: 1658764
Conc: 0.03 ng/ml



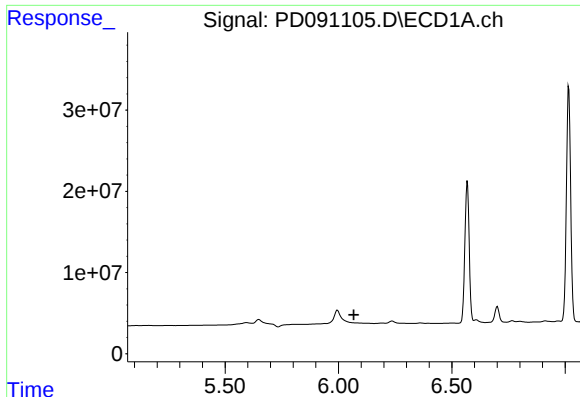
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

R.T.: 4.889 min
Delta R.T.: 0.025 min
Response: 36509006
Conc: 0.86 ng/ml



#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 6.068 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM

#9 Endosulfan I

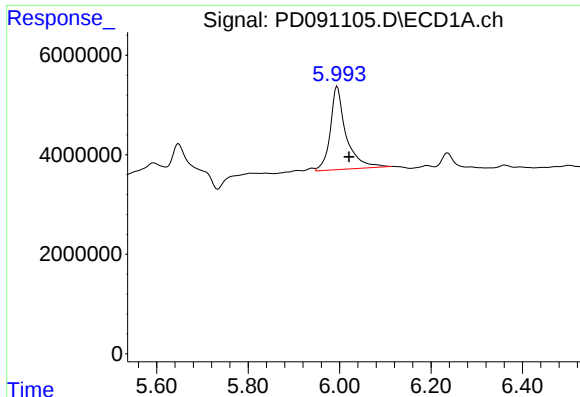
R.T.: 5.221 min
Delta R.T.: -0.017 min
Response: 3996067
Conc: 0.10 ng/ml

#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 719460
Conc: 0.12 ng/ml

#10 gamma-Chlordane

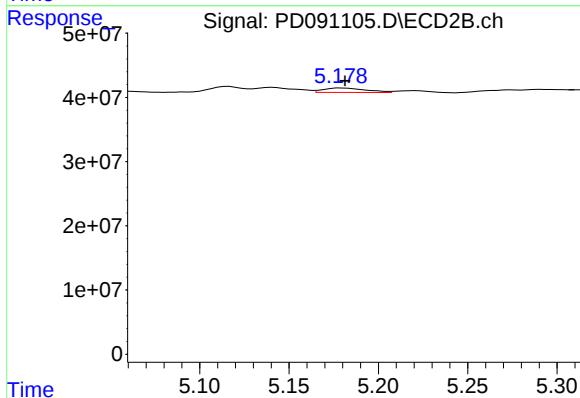
R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 9914218
Conc: 0.22 ng/ml



#11 alpha-Chlordane

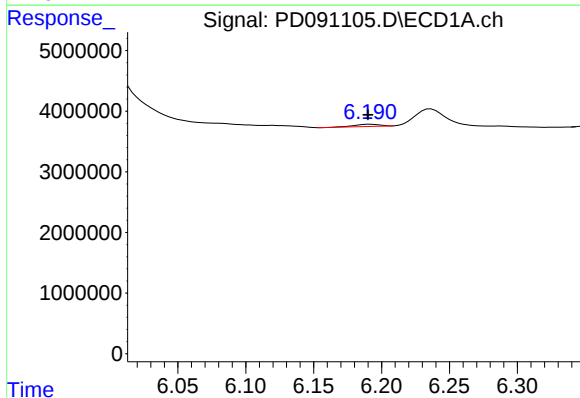
R.T.: 5.995 min
Delta R.T.: -0.026 min
Response: 39891816
Conc: 6.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



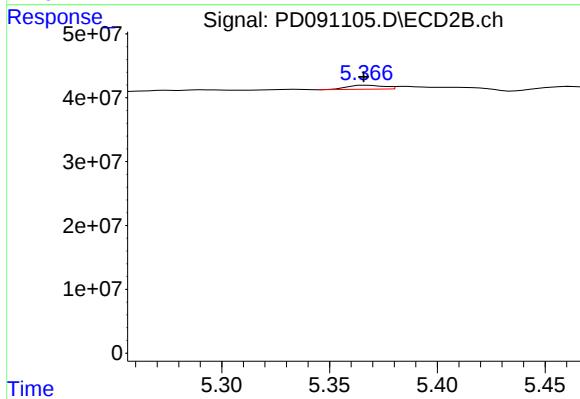
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 11377870
Conc: 0.26 ng/ml



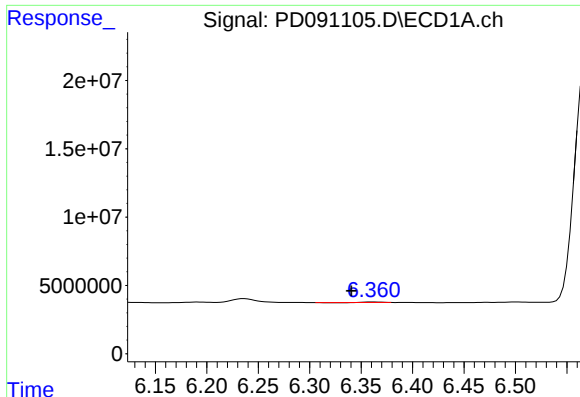
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.002 min
Response: 423117
Conc: 0.08 ng/ml



#12 4,4'-DDE

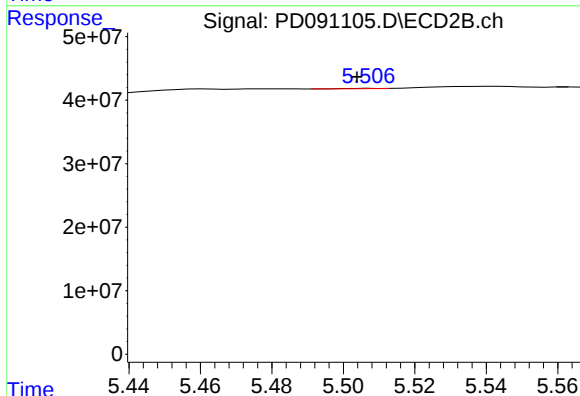
R.T.: 5.368 min
Delta R.T.: 0.002 min
Response: 7278646
Conc: 0.17 ng/ml



#13 Dieldrin

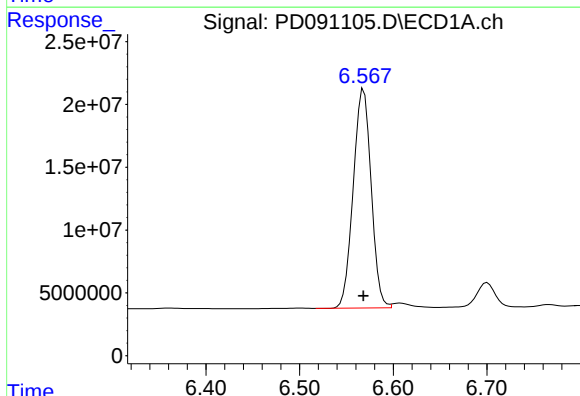
R.T.: 6.361 min
Delta R.T.: 0.021 min
Response: 400059
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



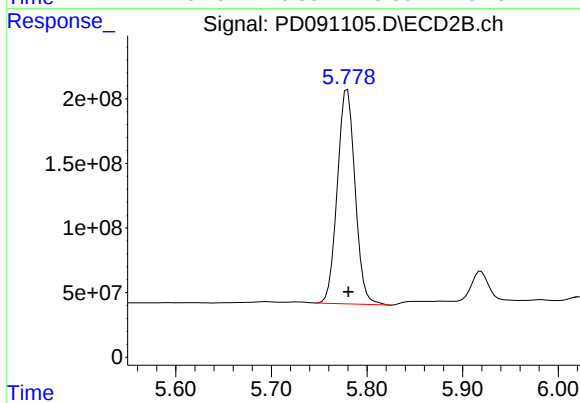
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.004 min
Response: 213158
Conc: 0.00 ng/ml



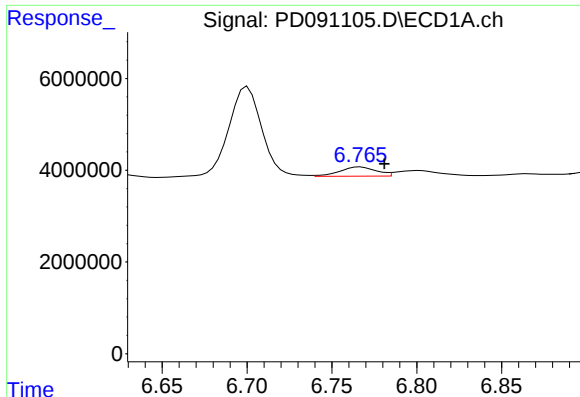
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 231944736
Conc: 46.82 ng/ml



#14 Endrin

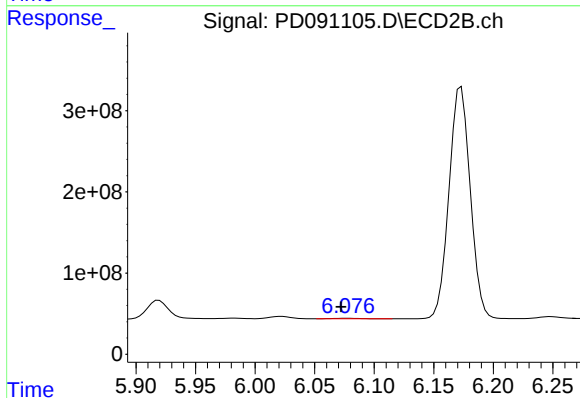
R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 2143485691
Conc: 52.93 ng/ml



#15 Endosulfan II

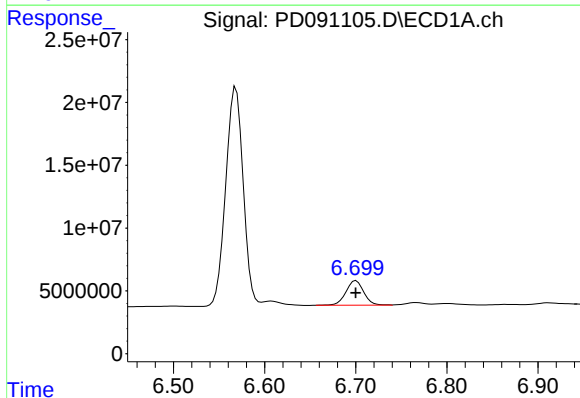
R.T.: 6.767 min
Delta R.T.: -0.014 min
Response: 2961859
Conc: 0.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



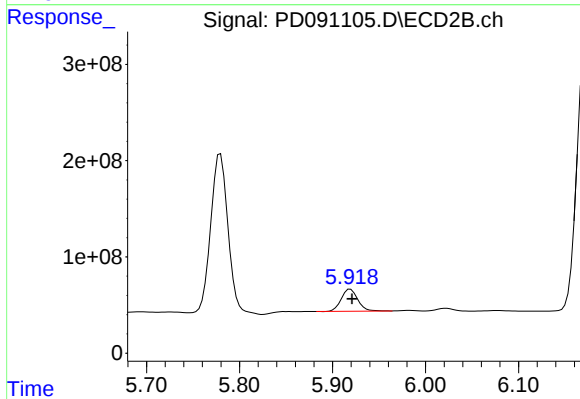
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: 0.005 min
Response: 9309386
Conc: 0.25 ng/ml



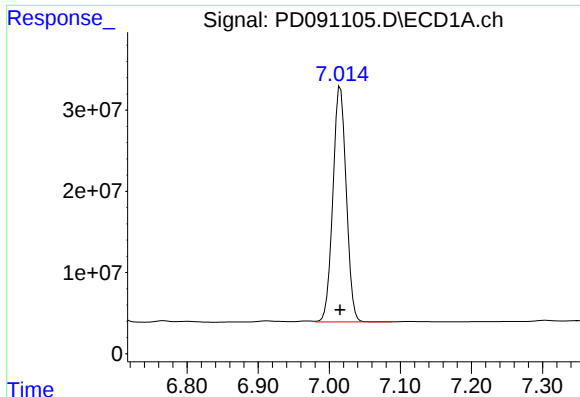
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 26591918
Conc: 6.56 ng/ml



#16 4,4'-DDD

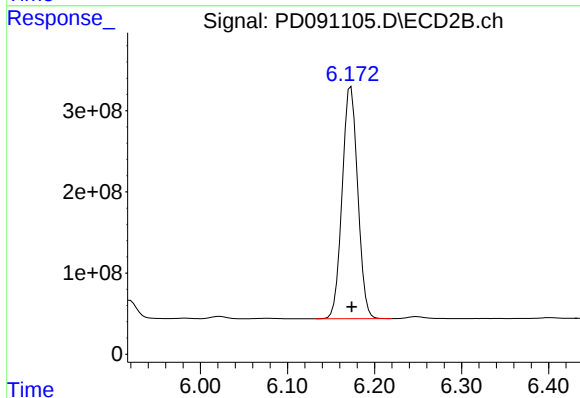
R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 281404858
Conc: 7.72 ng/ml



#17 4,4'-DDT

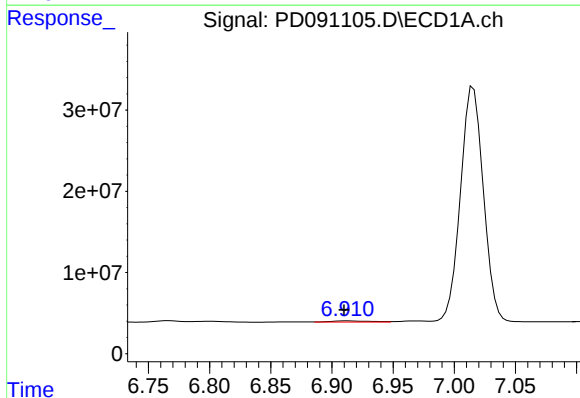
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 378301562
Conc: 92.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



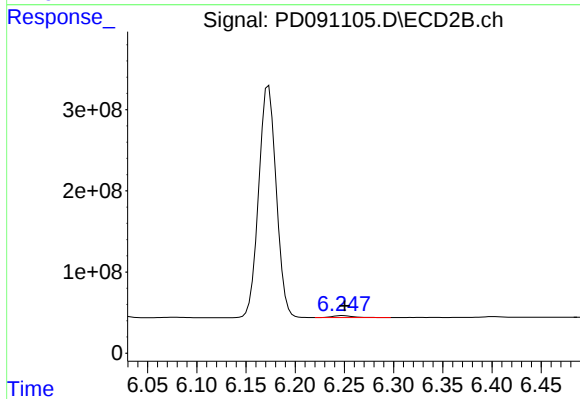
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 3549885366
Conc: 101.21 ng/ml



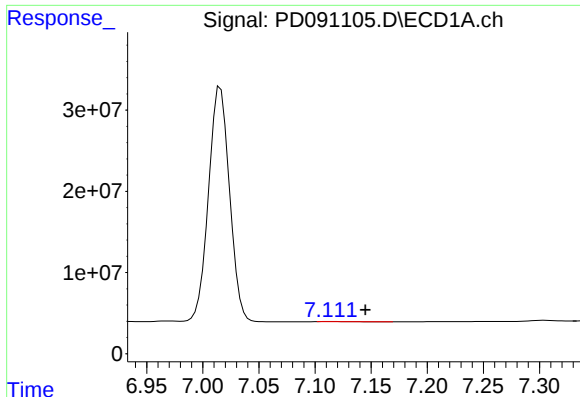
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.002 min
Response: 3195452
Conc: 0.87 ng/ml



#18 Endrin aldehyde

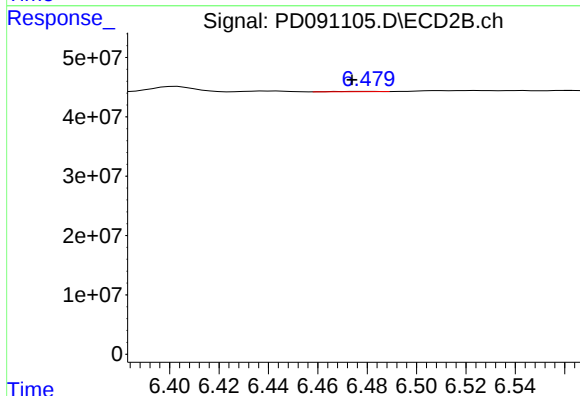
R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 35033713
Conc: 1.27 ng/ml



#19 Endosulfan Sulfate

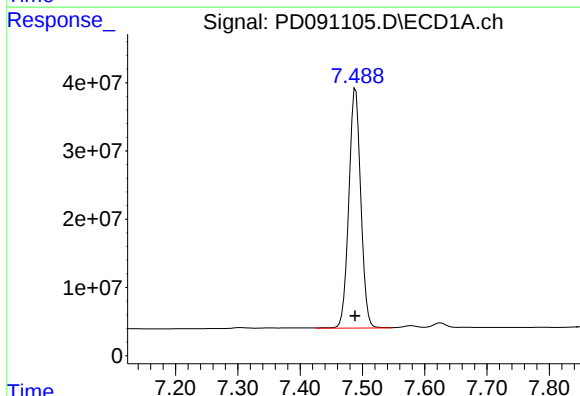
R.T.: 7.113 min
Delta R.T.: -0.032 min
Response: 391740
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



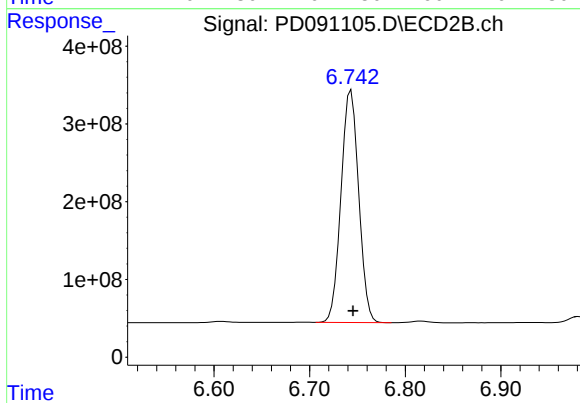
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: 0.007 min
Response: 563598
Conc: 0.02 ng/ml



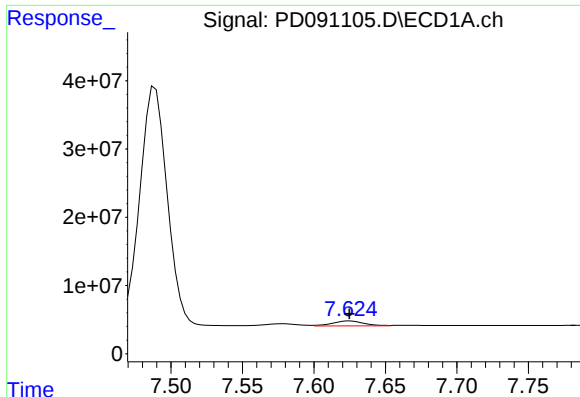
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 473013960
Conc: 222.53 ng/ml



#20 Methoxychlor

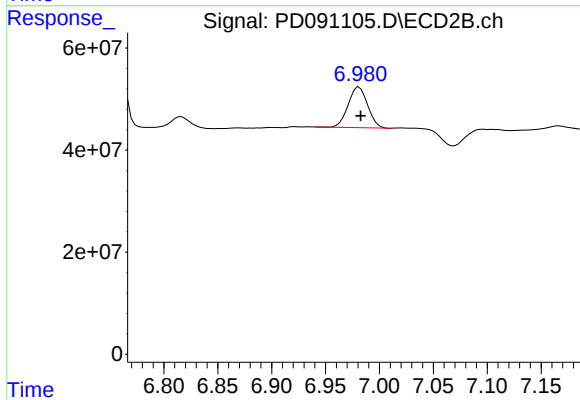
R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 3848546198
Conc: 220.83 ng/ml



#21 Endrin ketone

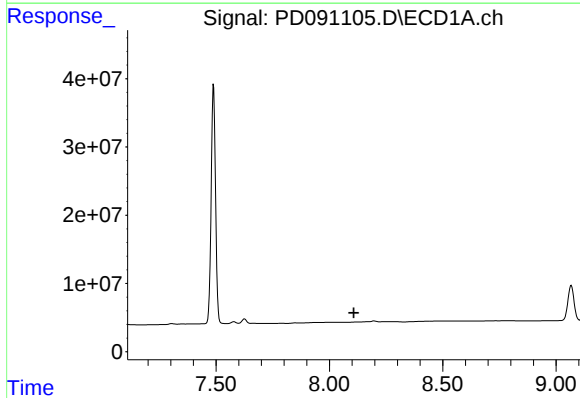
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 10830392
Conc: 2.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



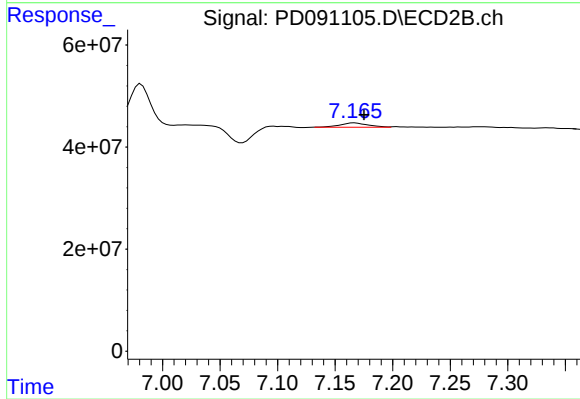
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.001 min
Response: 100465394
Conc: 2.66 ng/ml



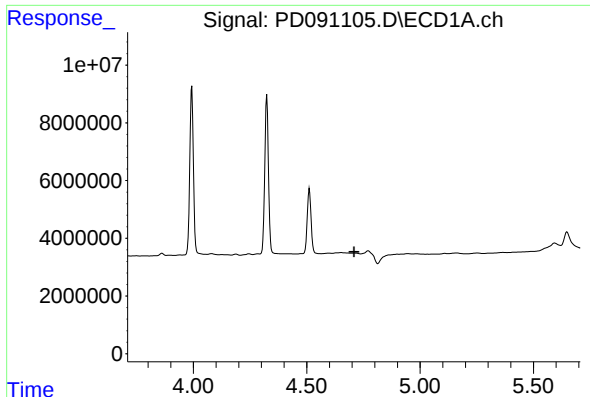
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.107 min
Response: 0
Conc: N.D.



#22 Mirex

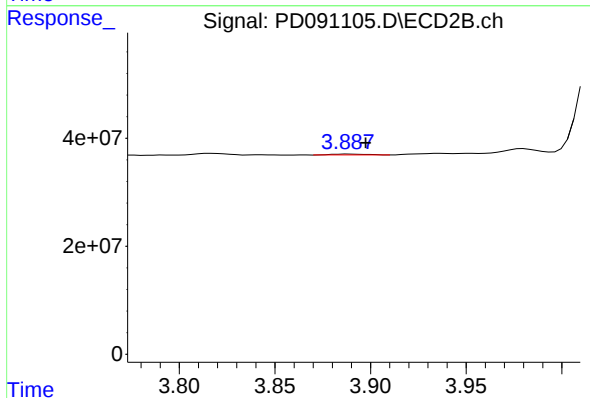
R.T.: 7.167 min
Delta R.T.: -0.009 min
Response: 13999928
Conc: 0.54 ng/ml



#23 Chlordane-1

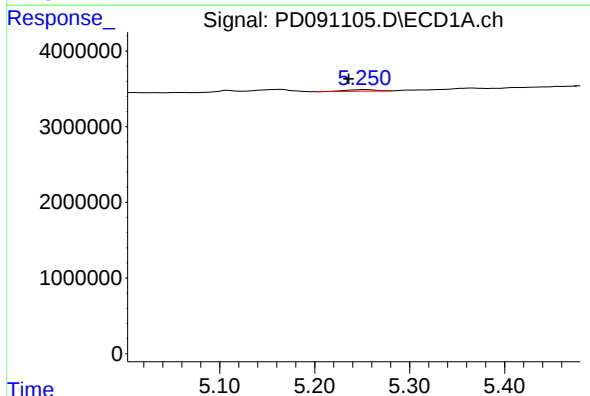
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



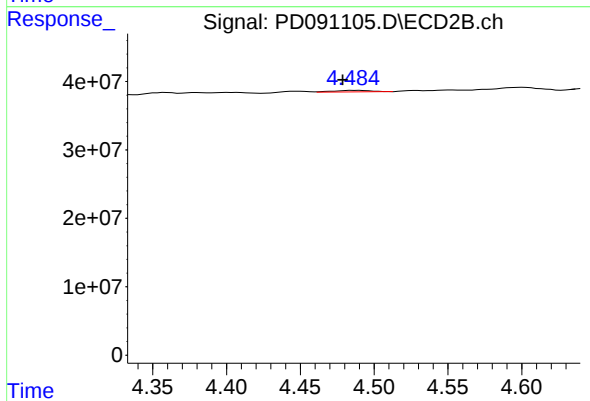
#23 Chlordane-1

R.T.: 3.888 min
Delta R.T.: -0.009 min
Response: 1928979
Conc: 1.55 ng/ml



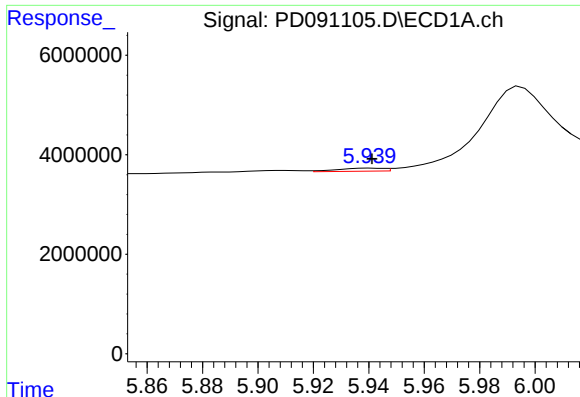
#24 Chlordane-2

R.T.: 5.251 min
Delta R.T.: 0.016 min
Response: 428961
Conc: 2.22 ng/ml



#24 Chlordane-2

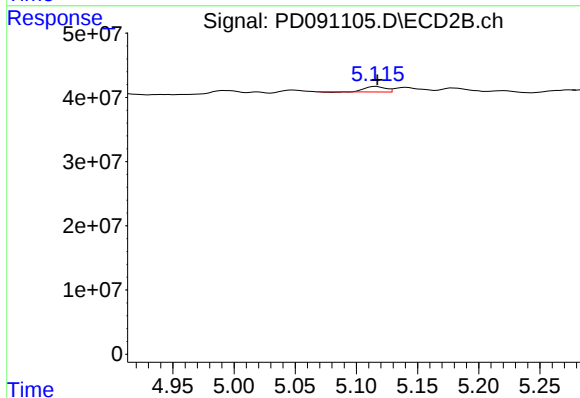
R.T.: 4.486 min
Delta R.T.: 0.007 min
Response: 3959458
Conc: 3.04 ng/ml



#25 Chlordane-3

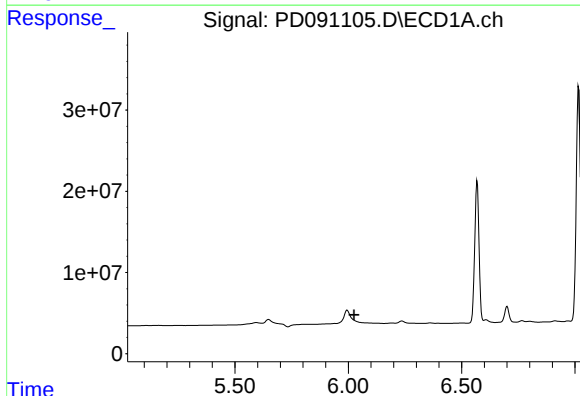
R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 719460
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



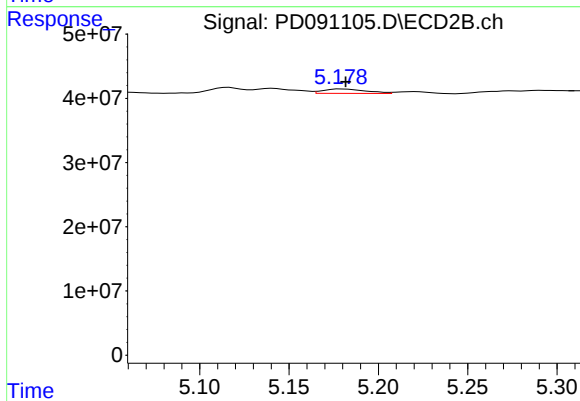
#25 Chlordane-3

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 9914218
Conc: 2.55 ng/ml



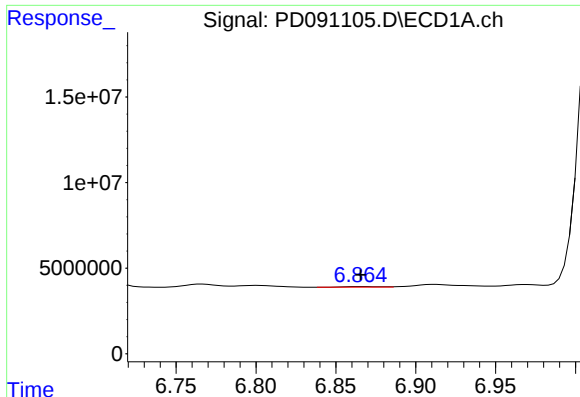
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.



#26 Chlordane-4

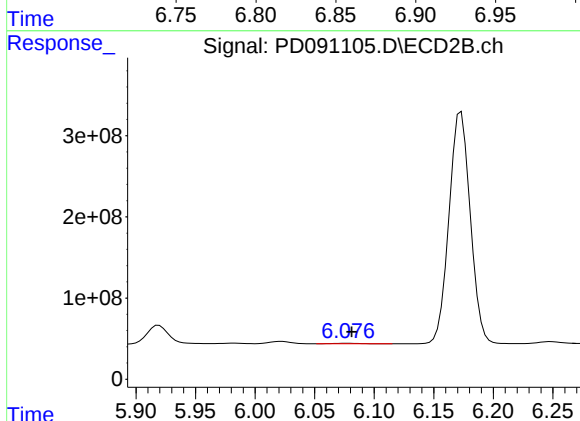
R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 11377870
Conc: 3.41 ng/ml



#27 Chlordane-5

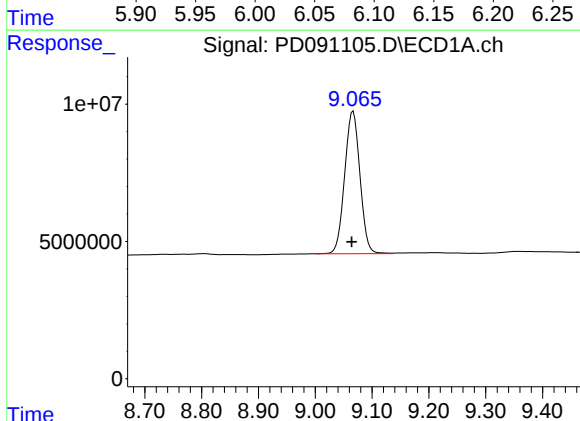
R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 537200
Conc: 3.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



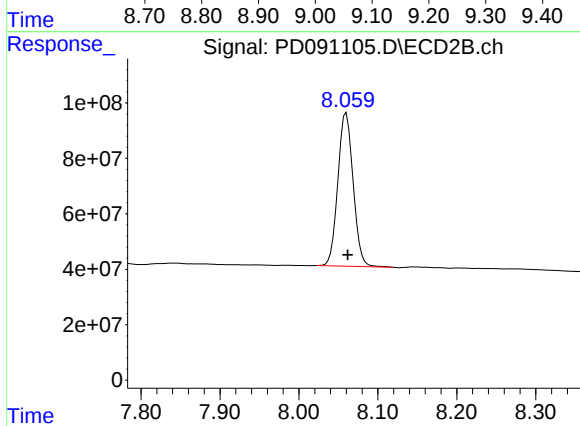
#27 Chlordane-5

R.T.: 6.077 min
Delta R.T.: -0.004 min
Response: 9309386
Conc: 6.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.002 min
Response: 97379921
Conc: 20.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 743130731
Conc: 24.53 ng/ml