

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101525\
 Data File : PD090621.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2025 20:11
 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: Oct 16 09:46:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.545	2.876	52645354	458.4E6	16.196	16.698
28)	SA Decachlor...	9.066	8.062	73407712	432.3E6	15.214	13.336
Target Compounds							
2)	A alpha-BHC	3.994	3.387	48905142	379.4E6	7.002	8.664
3)	MA gamma-BHC...	4.325	3.723	48166277	352.2E6	7.279	8.646
4)	MA Heptachlor	0.000	4.077	0	883708	N.D.	0.022 #
5)	MB Aldrin	5.267	4.359	110381	3639306	0.017	0.091 #
6)	B beta-BHC	4.512	4.019	20514015	148.4E6	7.951	8.563
7)	B delta-BHC	4.771	4.256	1004203	1130417	0.156	0.027 #
8)	B Heptachlo...	5.677	4.878	484119	2683115	0.085	0.073
9)	A Endosulfan I	0.000	5.269f	0	4051106	N.D.	0.117 #
10)	B gamma-Chl...	5.942	5.117	48370	18115302	0.008	0.461 #
11)	B alpha-Chl...	0.000	5.185	0	26246444	N.D.	0.697 #
12)	B 4,4'-DDE	6.190	5.367	644821	14085402	0.124	0.368 #
13)	MA Dieldrin	6.363f	5.502	854577	1424099	0.148	0.037 #
14)	MA Endrin	6.568	5.781	182.2E6	1429.7E6	37.226	39.900
15)	B Endosulfa...	6.803f	6.078	9758058	3599070	2.001	0.107 #
16)	A 4,4'-DDD	6.700	5.922	14521310	59970372	3.544	1.849 #
17)	MA 4,4'-DDT	7.016	6.174	281.9E6	2237.7E6	63.307	65.089
18)	B Endrin al...	6.913	6.248	6445609	14090037	1.879	0.598 #
19)	B Endosulfa...	7.144	6.471	184572	1273054	0.040	0.039
20)	A Methoxychlor	7.489	6.745	338.3E6	2378.1E6	143.556	136.667
21)	B Endrin ke...	7.626	6.982	3169433	24296988	0.641	0.673
22)	Mirex	8.119	7.171	1412176	6387180	0.381	0.231 #
23)	Chlordane-1	0.000	3.892	0	759515	N.D.	0.631 #
24)	Chlordane-2	0.000	4.485	0	25574626	N.D.	20.452 #
25)	Chlordane-3	5.942	5.117	48370	18115302	0.058	4.779 #
26)	Chlordane-4	0.000	5.185	0	26246444	N.D.	8.061 #
27)	Chlordane-5	0.000	6.078	0	3599070	N.D.	2.372 #

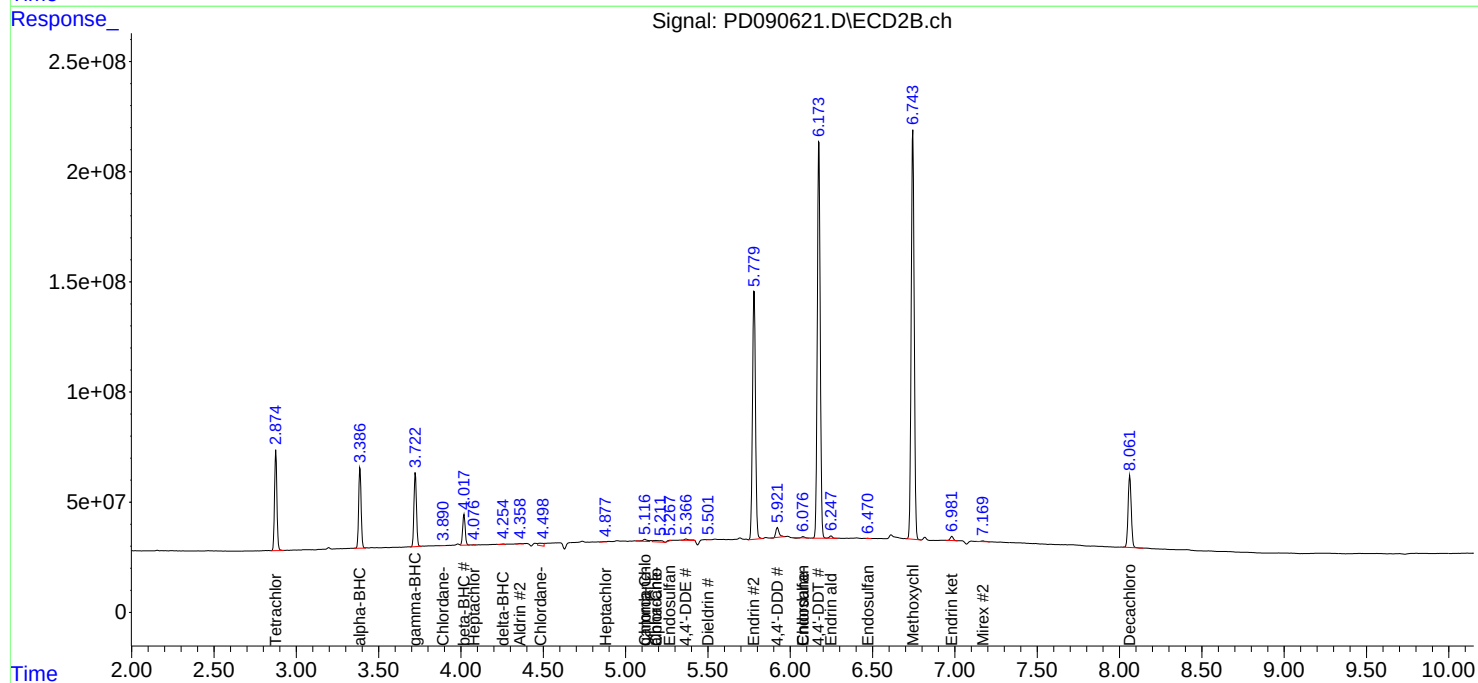
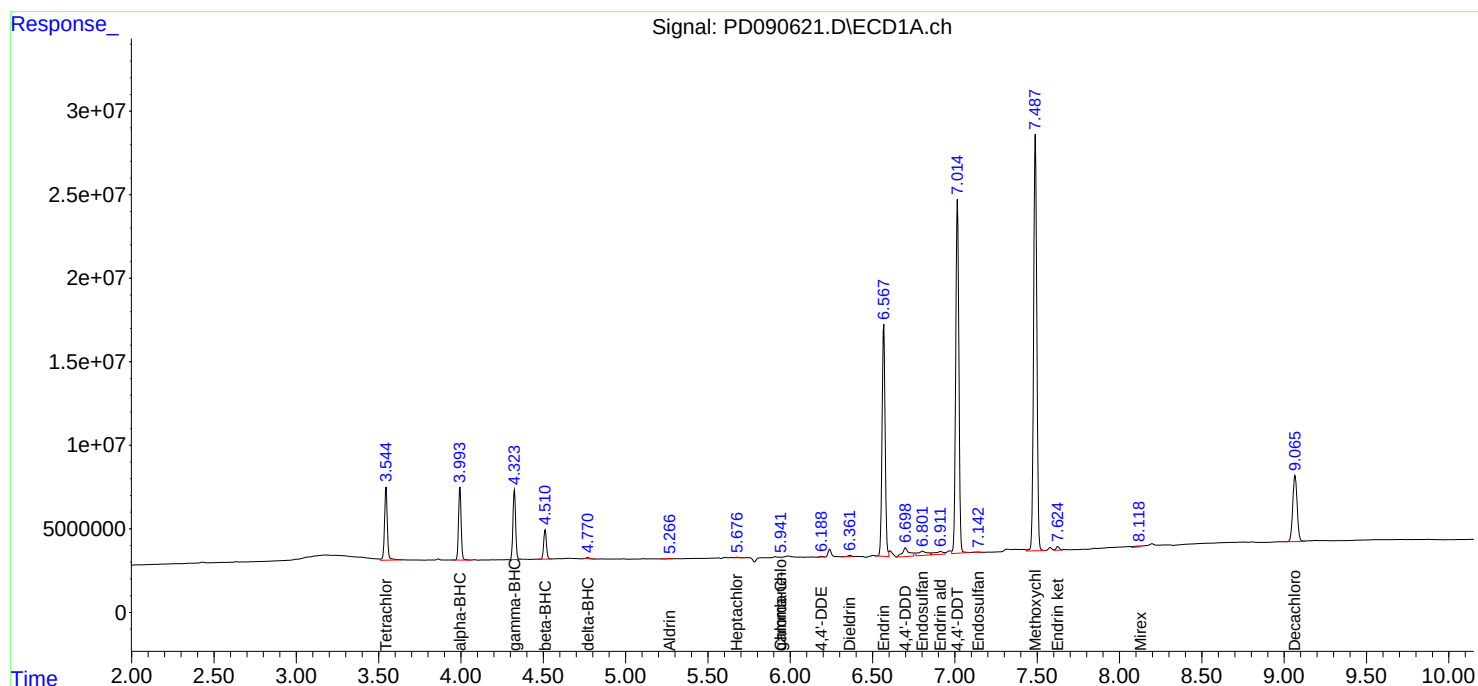
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

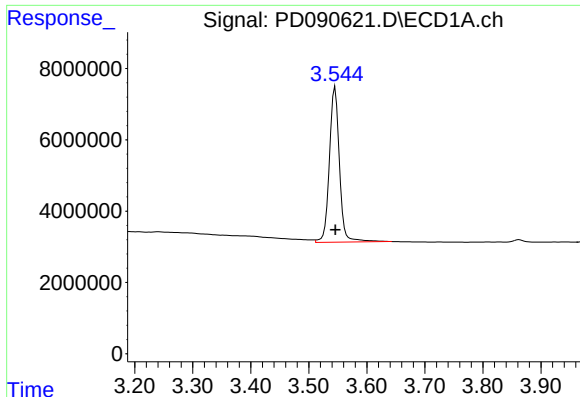
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101525\
Data File : PD090621.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2025 20:11
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 09:46:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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

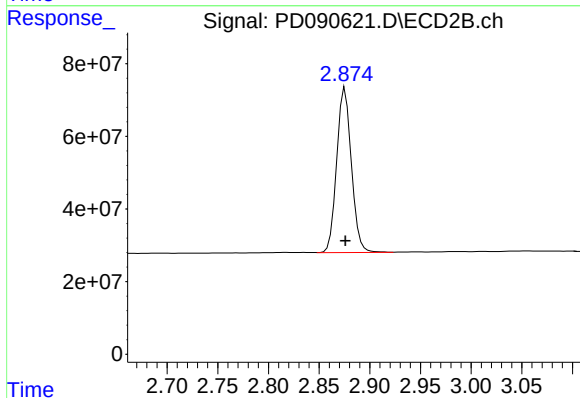




#1 Tetrachloro-m-xylene

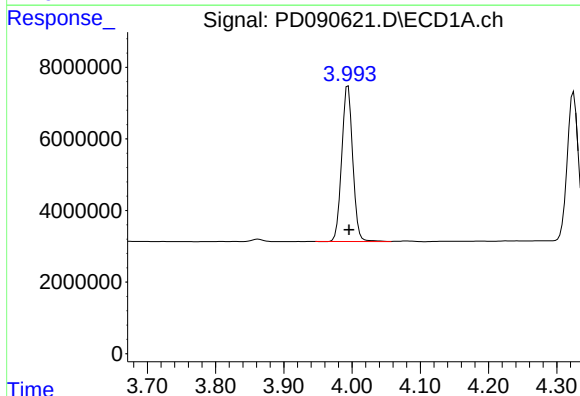
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 52645354
Conc: 16.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



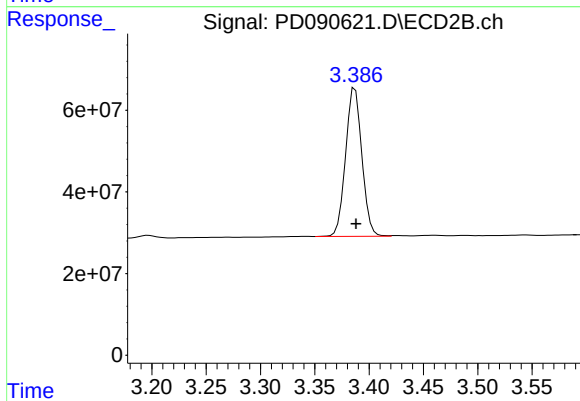
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 458352250
Conc: 16.70 ng/ml



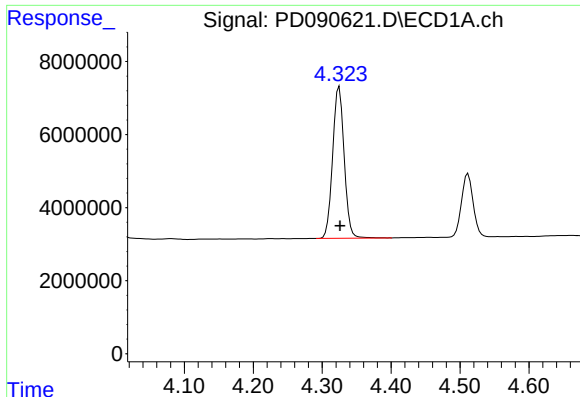
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.001 min
Response: 48905142
Conc: 7.00 ng/ml



#2 alpha-BHC

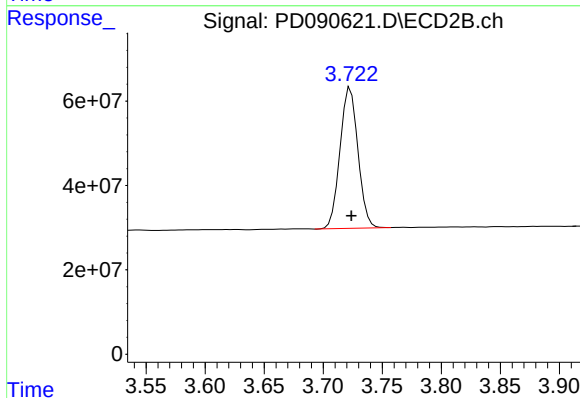
R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 379356962
Conc: 8.66 ng/ml



#3 gamma-BHC (Lindane)

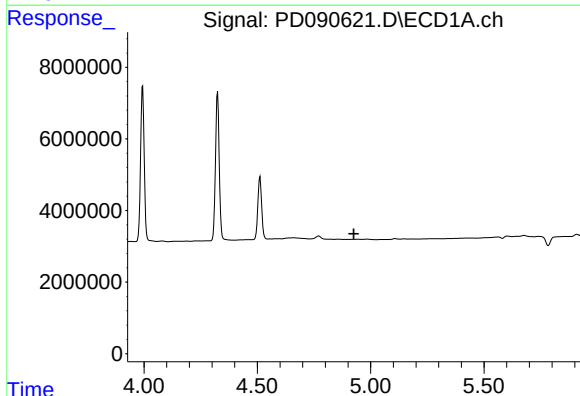
R.T.: 4.325 min
Delta R.T.: -0.001 min
Response: 48166277
Conc: 7.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



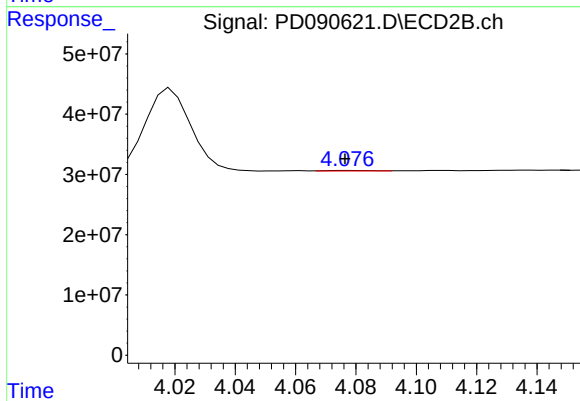
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 352204113
Conc: 8.65 ng/ml



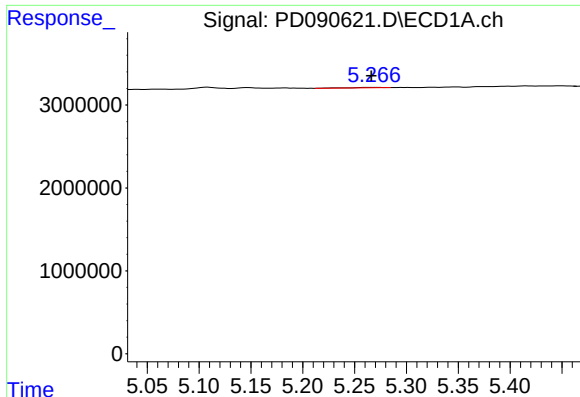
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.925 min
Response: 0
Conc: N.D.



#4 Heptachlor

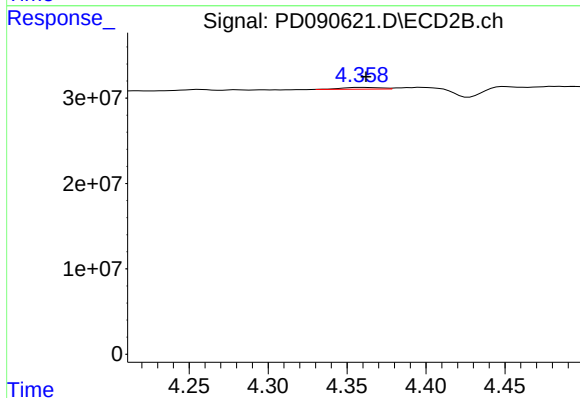
R.T.: 4.077 min
Delta R.T.: 0.001 min
Response: 883708
Conc: 0.02 ng/ml



#5 Aldrin

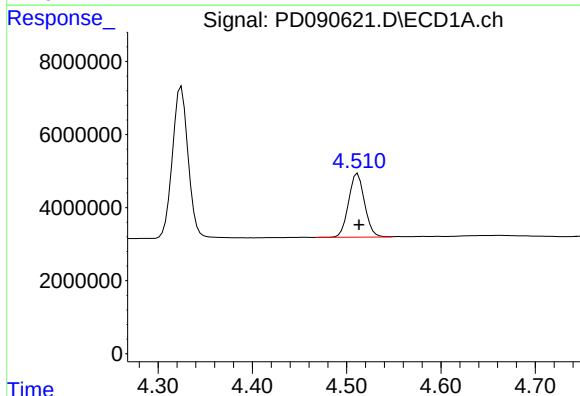
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 110381
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



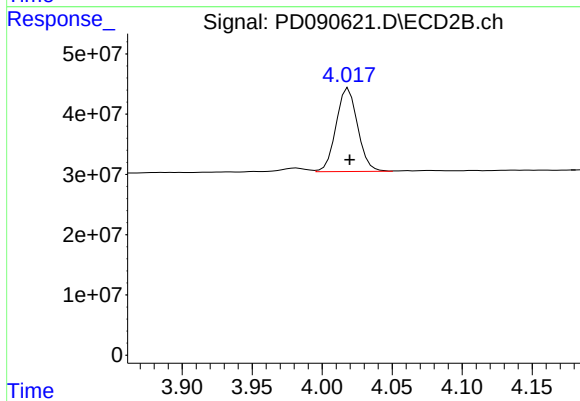
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 3639306
Conc: 0.09 ng/ml



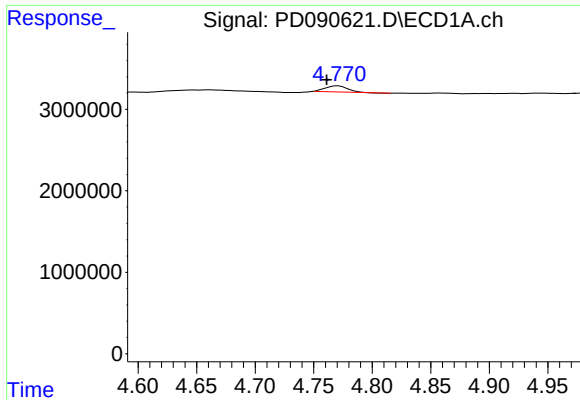
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 20514015
Conc: 7.95 ng/ml



#6 beta-BHC

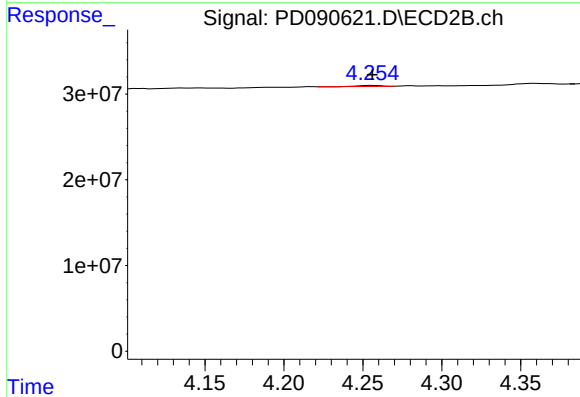
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 148439857
Conc: 8.56 ng/ml



#7 delta-BHC

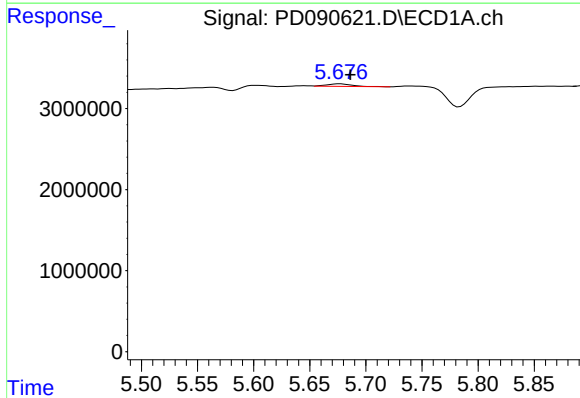
R.T.: 4.771 min
Delta R.T.: 0.010 min
Response: 1004203
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



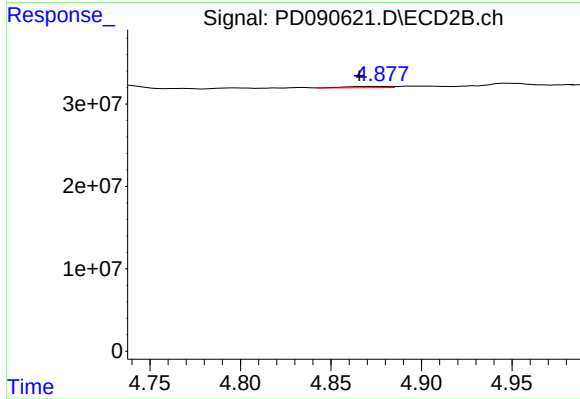
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 1130417
Conc: 0.03 ng/ml



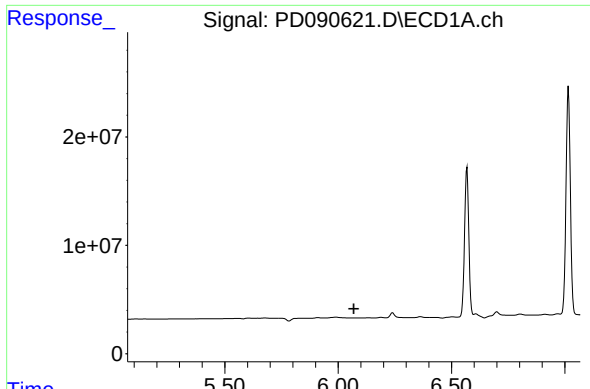
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.010 min
Response: 484119
Conc: 0.08 ng/ml



#8 Heptachlor epoxide

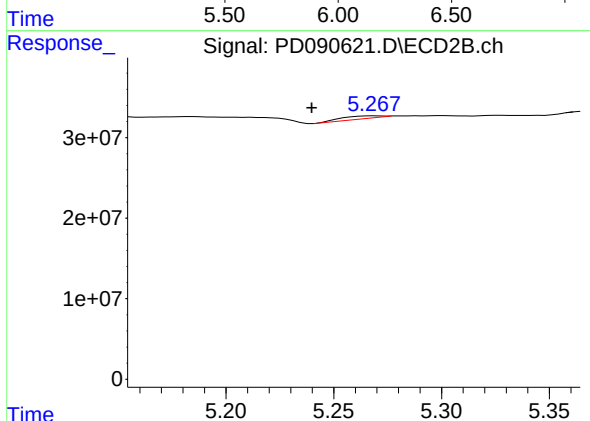
R.T.: 4.878 min
Delta R.T.: 0.012 min
Response: 2683115
Conc: 0.07 ng/ml



#9 Endosulfan I

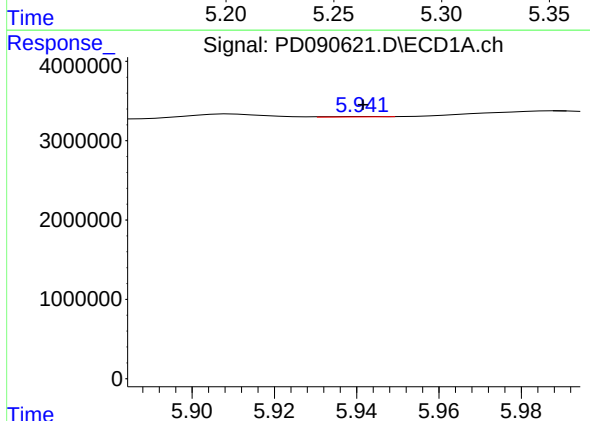
R.T.: 0.000 min
Exp R.T.: 6.070 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



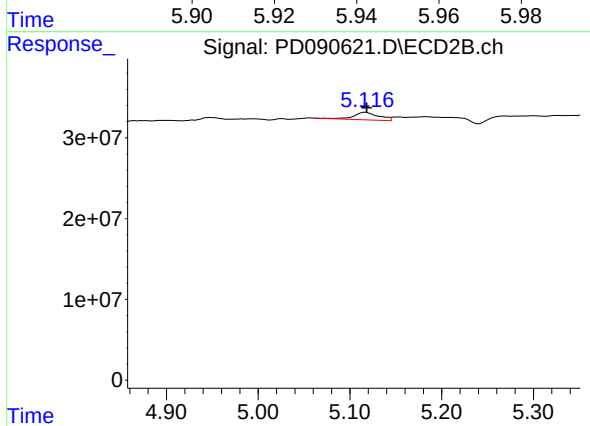
#9 Endosulfan I

R.T.: 5.269 min
Delta R.T.: 0.029 min
Response: 4051106
Conc: 0.12 ng/ml



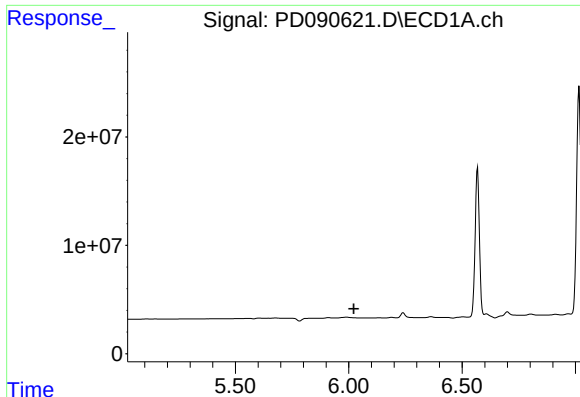
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 48370
Conc: 0.01 ng/ml



#10 gamma-Chlordane

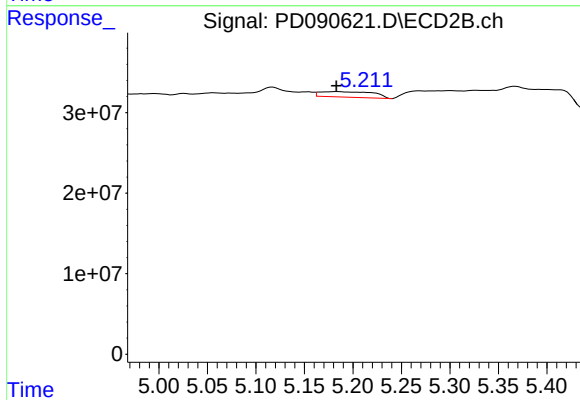
R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 18115302
Conc: 0.46 ng/ml



#11 alpha-Chlordane

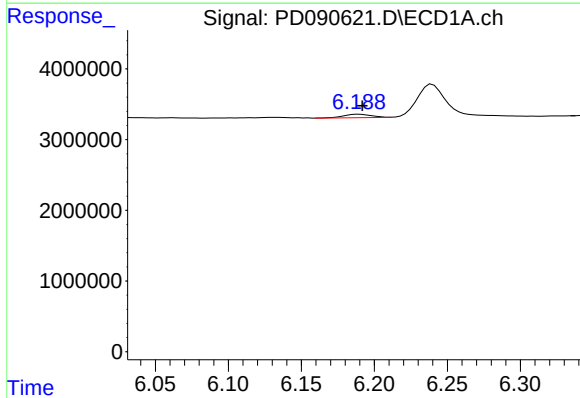
R.T.: 0.000 min
Exp R.T.: 6.022 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



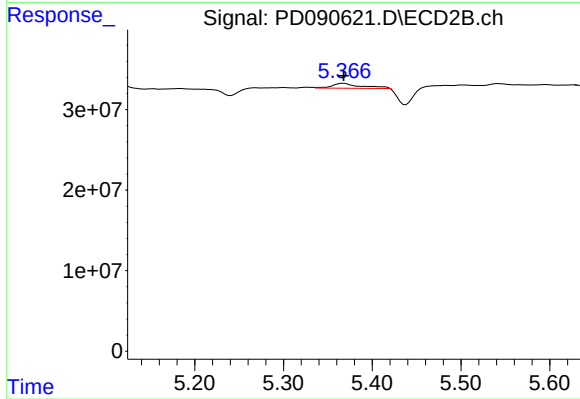
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.002 min
Response: 26246444
Conc: 0.70 ng/ml



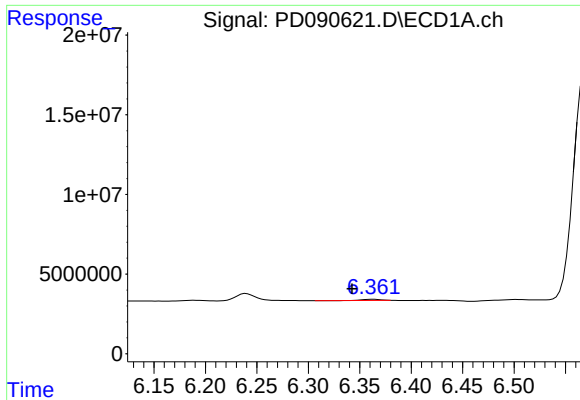
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.002 min
Response: 644821
Conc: 0.12 ng/ml



#12 4,4'-DDE

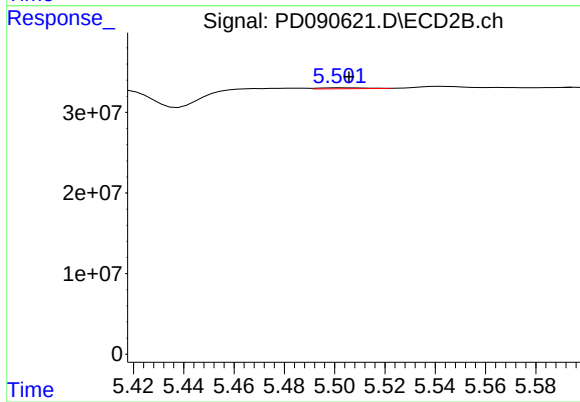
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 14085402
Conc: 0.37 ng/ml



#13 Dieldrin

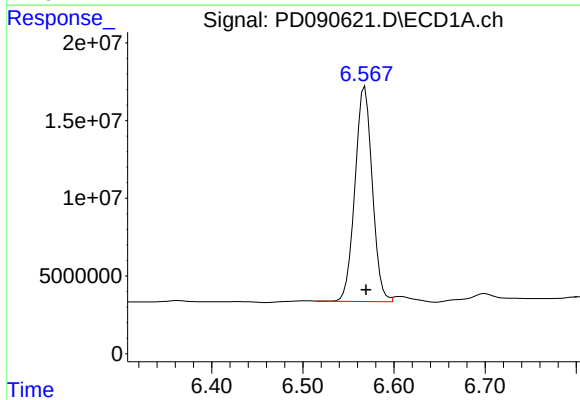
R.T.: 6.363 min
Delta R.T.: 0.020 min
Response: 854577
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



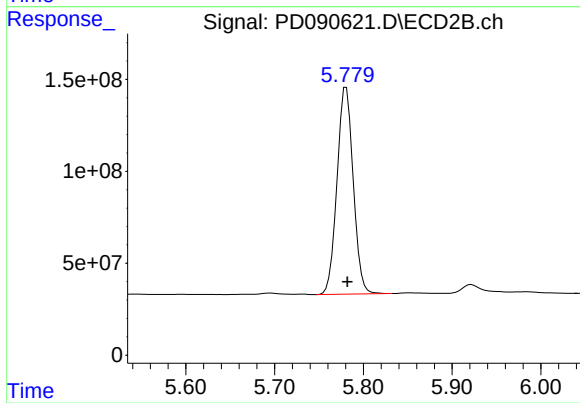
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.003 min
Response: 1424099
Conc: 0.04 ng/ml



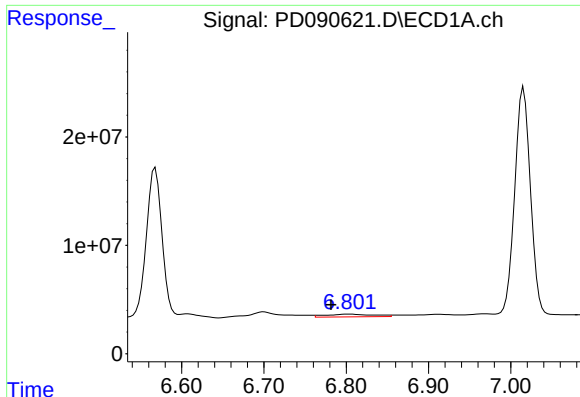
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 182179735
Conc: 37.23 ng/ml



#14 Endrin

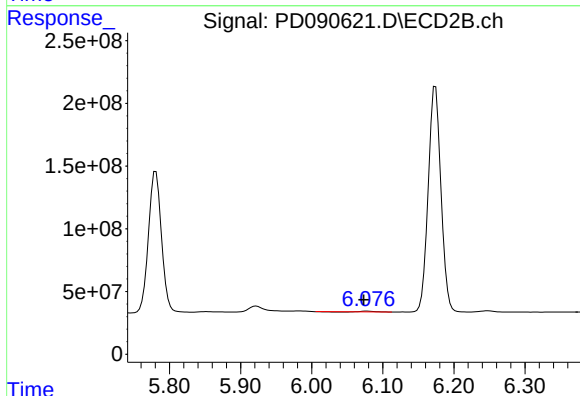
R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 1429714894
Conc: 39.90 ng/ml



#15 Endosulfan II

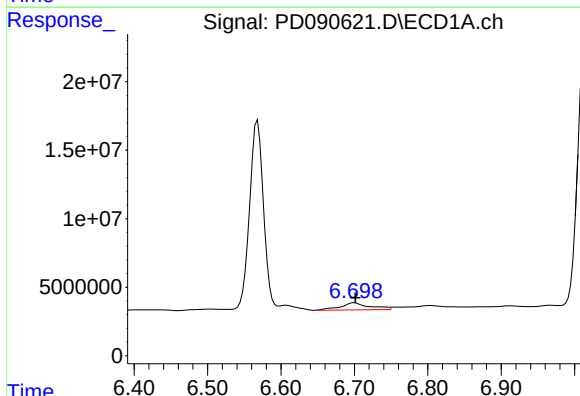
R.T.: 6.803 min
Delta R.T.: 0.021 min
Response: 9758058
Conc: 2.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



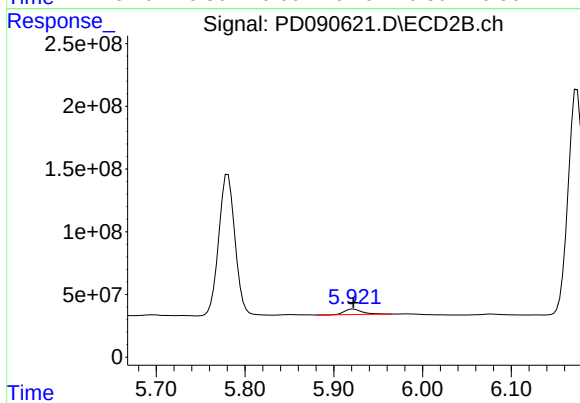
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: 0.005 min
Response: 3599070
Conc: 0.11 ng/ml



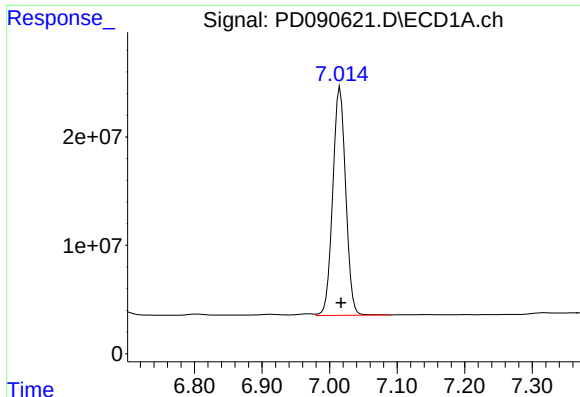
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.002 min
Response: 14521310
Conc: 3.54 ng/ml



#16 4,4'-DDD

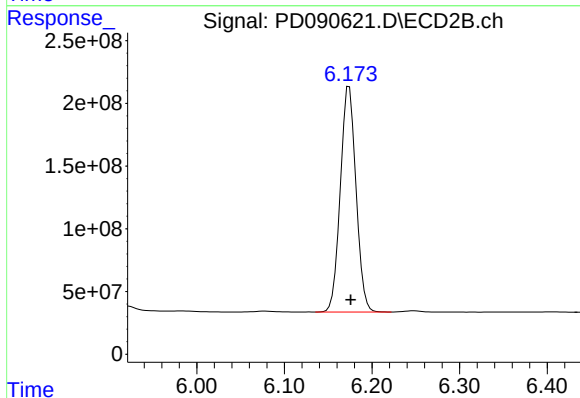
R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 59970372
Conc: 1.85 ng/ml



#17 4,4'-DDT

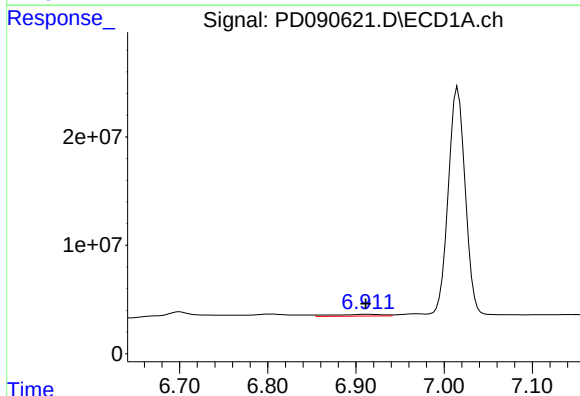
R.T.: 7.016 min
Delta R.T.: -0.001 min
Response: 281872132
Conc: 63.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



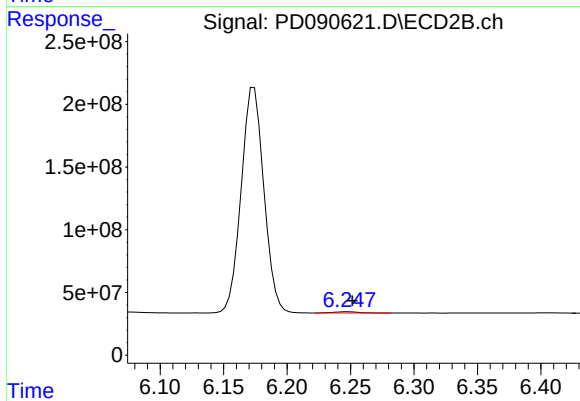
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 2237703981
Conc: 65.09 ng/ml



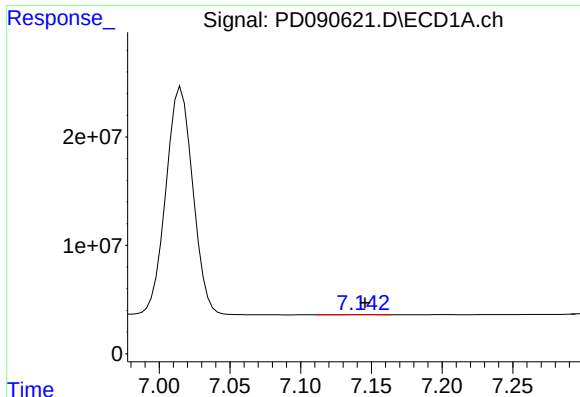
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.002 min
Response: 6445609
Conc: 1.88 ng/ml



#18 Endrin aldehyde

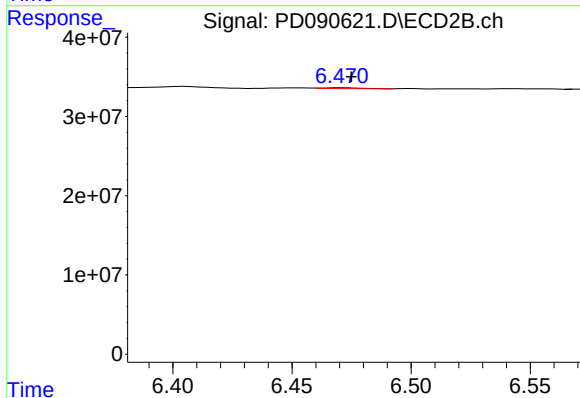
R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 14090037
Conc: 0.60 ng/ml



#19 Endosulfan Sulfate

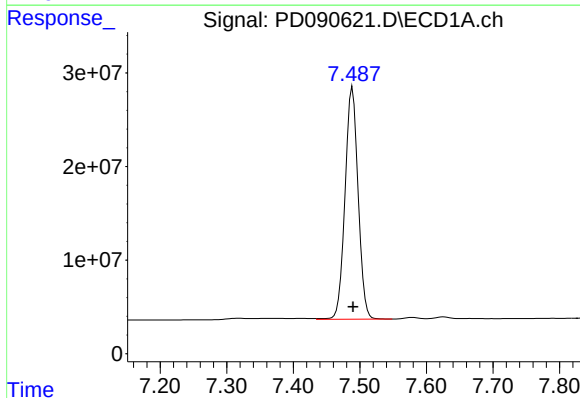
R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 184572
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



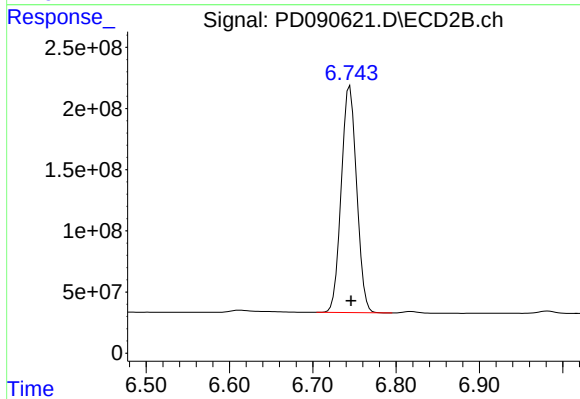
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.004 min
Response: 1273054
Conc: 0.04 ng/ml



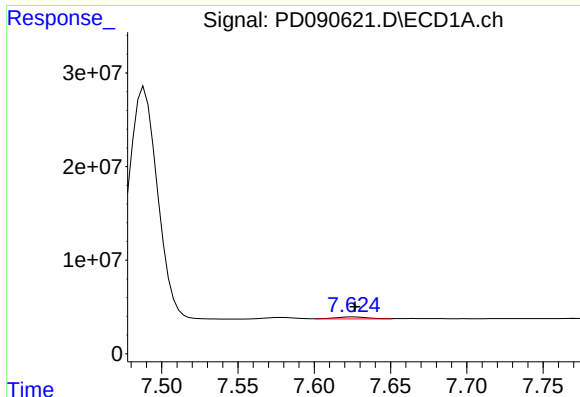
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 338291479
Conc: 143.56 ng/ml



#20 Methoxychlor

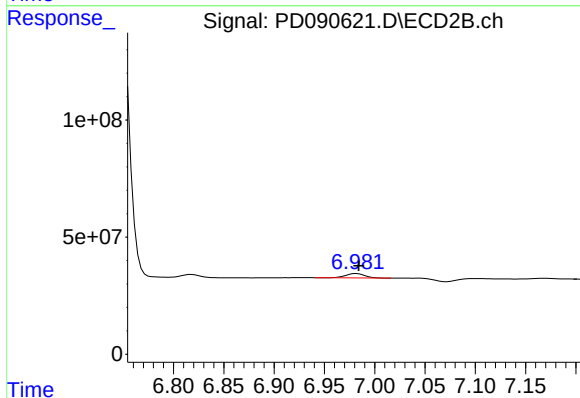
R.T.: 6.745 min
Delta R.T.: -0.001 min
Response: 2378059724
Conc: 136.67 ng/ml



#21 Endrin ketone

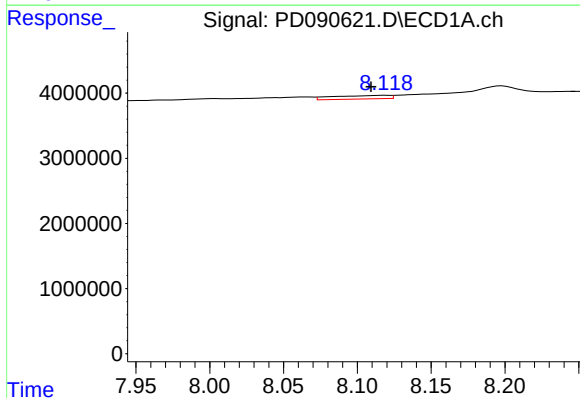
R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 3169433
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



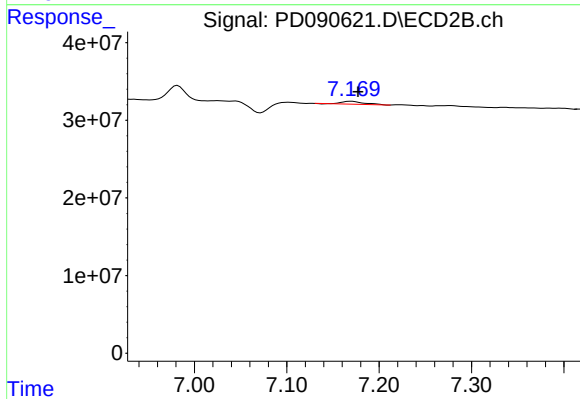
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 24296988
Conc: 0.67 ng/ml



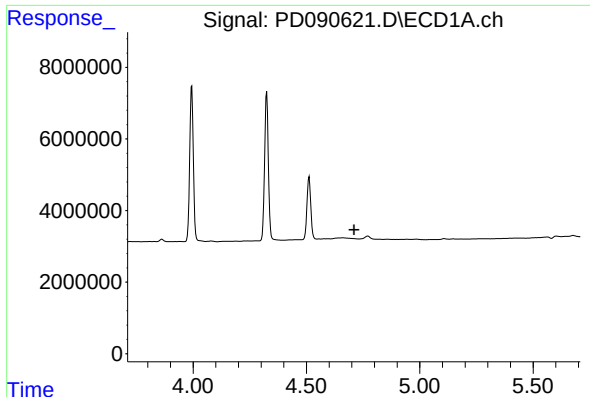
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.010 min
Response: 1412176
Conc: 0.38 ng/ml



#22 Mirex

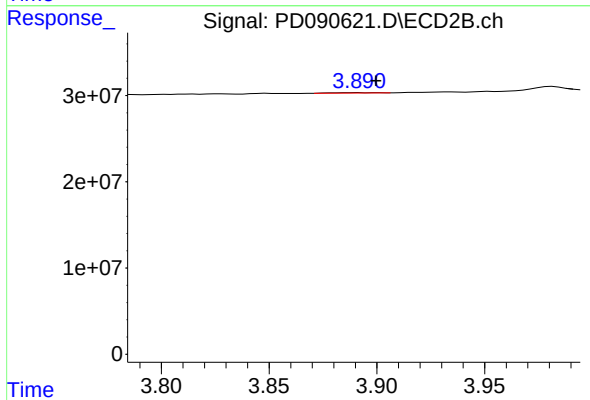
R.T.: 7.171 min
Delta R.T.: -0.007 min
Response: 6387180
Conc: 0.23 ng/ml



#23 Chlordane-1

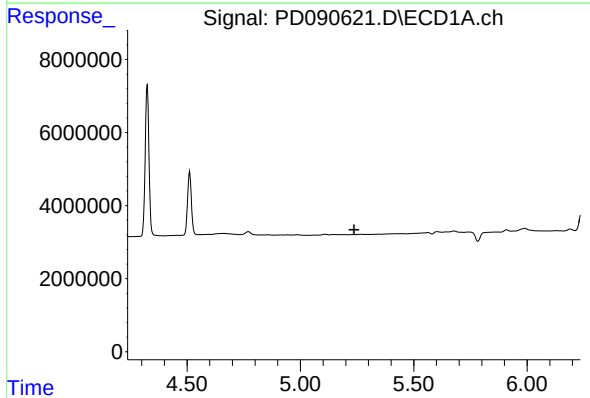
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



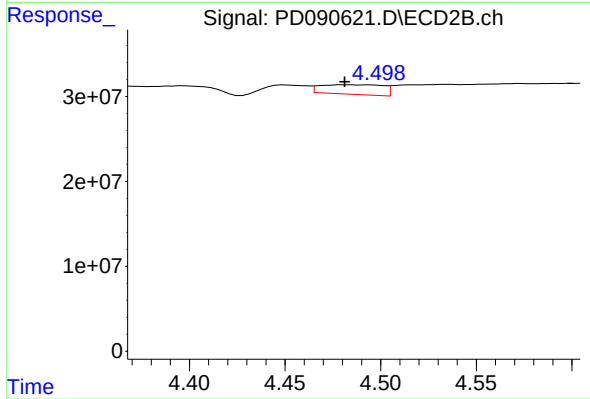
#23 Chlordane-1

R.T.: 3.892 min
Delta R.T.: -0.008 min
Response: 759515
Conc: 0.63 ng/ml



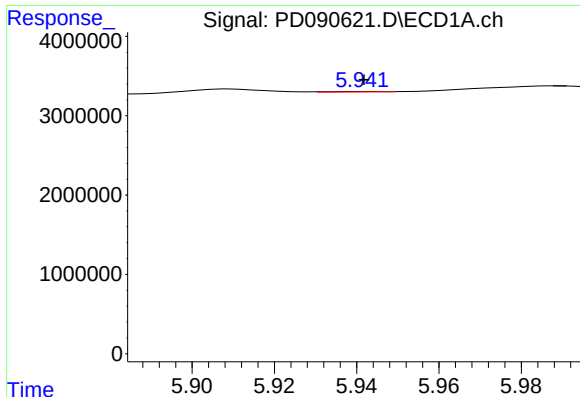
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.237 min
Response: 0
Conc: N.D.



#24 Chlordane-2

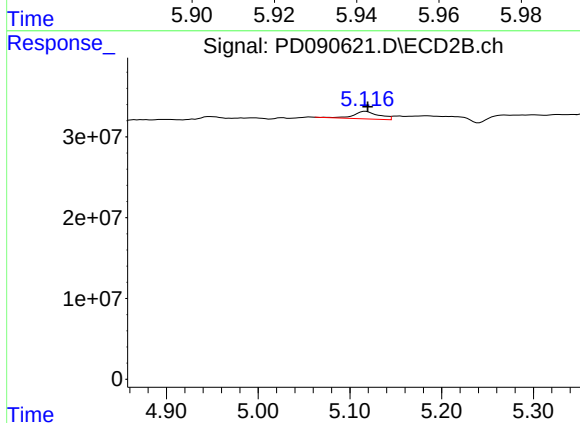
R.T.: 4.485 min
Delta R.T.: 0.004 min
Response: 25574626
Conc: 20.45 ng/ml



#25 Chlordane-3

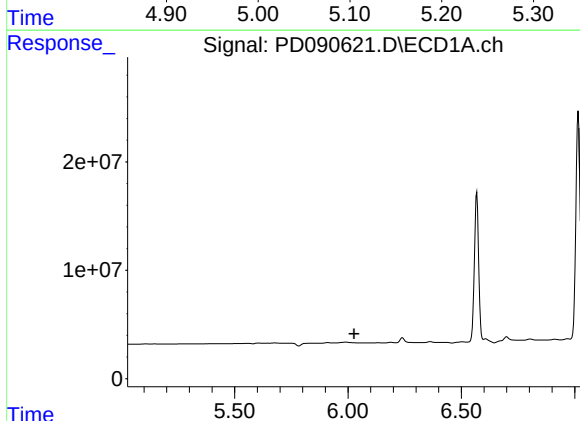
R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 48370
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



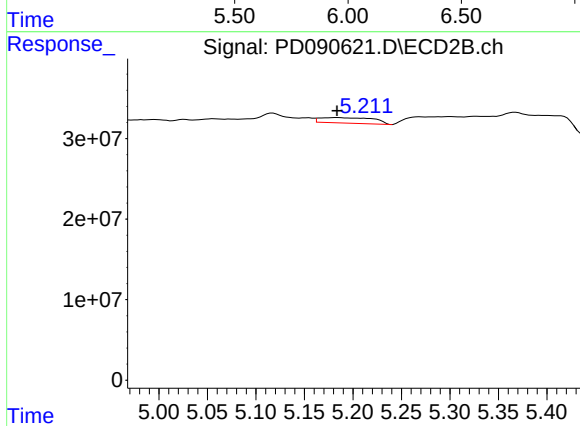
#25 Chlordane-3

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 18115302
Conc: 4.78 ng/ml



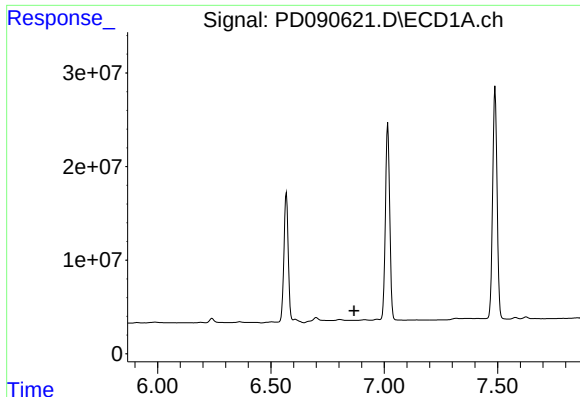
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.027 min
Response: 0
Conc: N.D.



#26 Chlordane-4

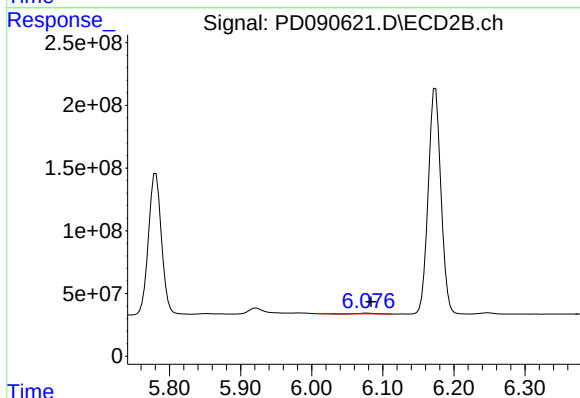
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 26246444
Conc: 8.06 ng/ml



#27 Chlordane-5

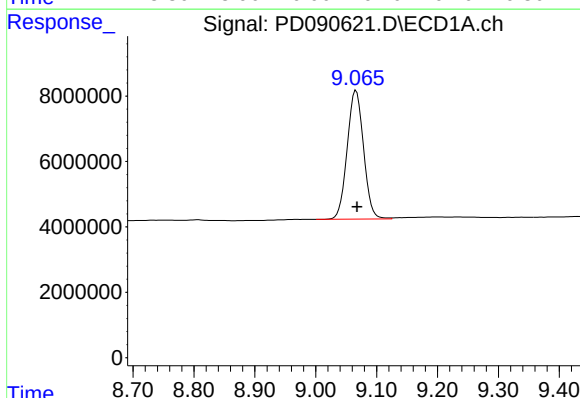
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



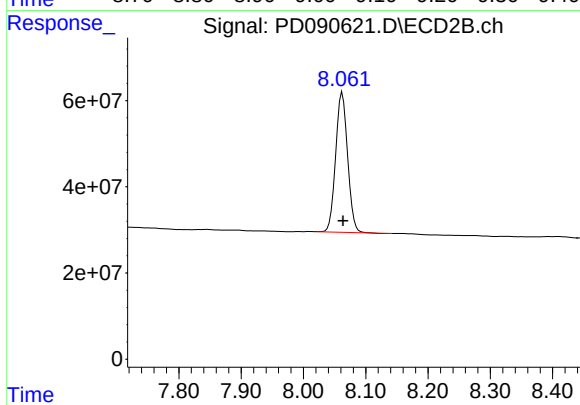
#27 Chlordane-5

R.T.: 6.078 min
Delta R.T.: -0.006 min
Response: 3599070
Conc: 2.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.001 min
Response: 73407712
Conc: 15.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.001 min
Response: 432292398
Conc: 13.34 ng/ml