

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042224\
 Data File : PL089111.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2024 13:58
 Operator : AR\AJ
 Sample : PB160392BS
 Misc : TOX/BS
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB160392BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/23/2024
 Supervised By :Ankita Jodhani 04/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 04:31:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.557	2.798	38531597	24277219	18.130	18.214
28)	SA Decachlor...	9.072	7.954	26308829	25930074	20.654	19.364
Target Compounds							
2)	A alpha-BHC	4.013	3.302	722886	339121	0.242	0.171 #
3)	MA gamma-BHC...	4.346	3.630	133357	206006	0.046	0.107 #
4)	MA Heptachlor	4.919	3.982	107113	54754	0.043	0.030 #
5)	MB Aldrin	5.259	4.268	1053314	104740	0.406	0.057 #
6)	B beta-BHC	4.539	3.932	247237	48497	0.184	0.058 #
7)	B delta-BHC	4.787	4.175	3569164	104837	1.335	0.057 #
8)	B Heptachlo...	5.704	4.761	4355267	249218	1.846	0.150 #
9)	A Endosulfan I	6.063f	5.102f	1732378	259338	0.792	0.173 #
10)	B gamma-Chl...	5.929f	5.036f	3518272	1794988	1.530	1.094 #
11)	B alpha-Chl...	6.016	5.102f	2445504	259338	1.068	0.157 #
12)	B 4,4'-DDE	6.183f	5.250	2388897	720285	1.189	0.490 #
13)	MA Dieldrin	6.350	5.390	1442686	-361266	0.640	N.D. #
14)	MA Endrin	6.599	5.650f	1327397	150931	0.706	0.104 #
15)	B Endosulfa...	6.826f	5.963	1754364	1963404	0.911	1.373 #
16)	A 4,4'-DDD	6.717	5.802f	1645289	503954	1.021	0.416 #
17)	MA 4,4'-DDT	0.000	6.077	0	1395499	N.D.	1.065 #
19)	B Endosulfa...	7.164	6.367	11629270	1261175	6.774	0.933 #
20)	A Methoxychlor	0.000	6.637	0	5462843	N.D.	7.309 #
22)	Mirex	8.108f	7.078f	1607560	6619764	1.095	5.007 #
23)	Chlordane-1	4.718	3.798	2644761	40374	29.114	0.786 #
24)	Chlordane-2	5.259f	4.404f	1053314	252793	11.151	3.892 #
25)	Chlordane-3	5.929f	5.036f	3518272	1794988	10.916	10.393
26)	Chlordane-4	6.016	5.102f	2445504	259338	6.186	1.599 #
27)	Chlordane-5	6.873	5.752	1974821	-581998	26.084	N.D. #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042224\
Data File : PL089111.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2024 13:58
Operator : AR\AJ
Sample : PB160392BS
Misc : TOX/BS
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB160392BS

Manual Integrations

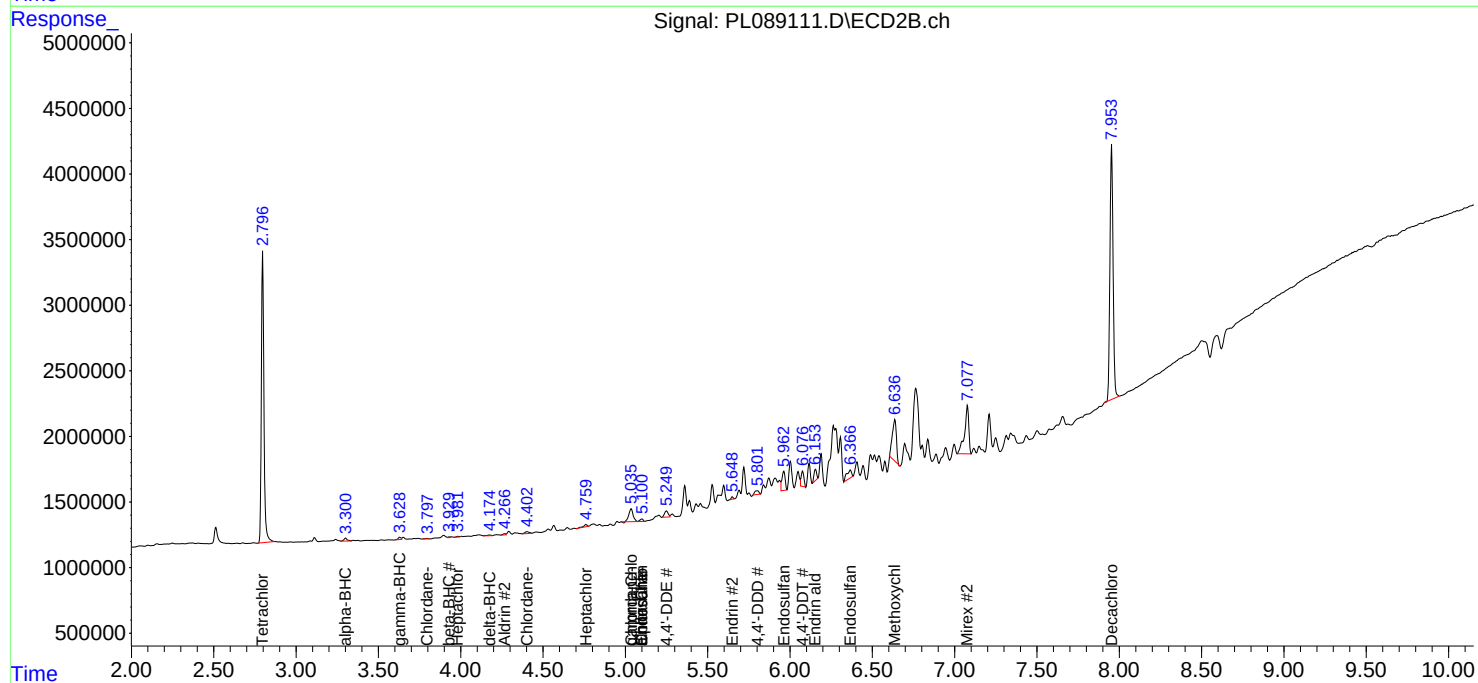
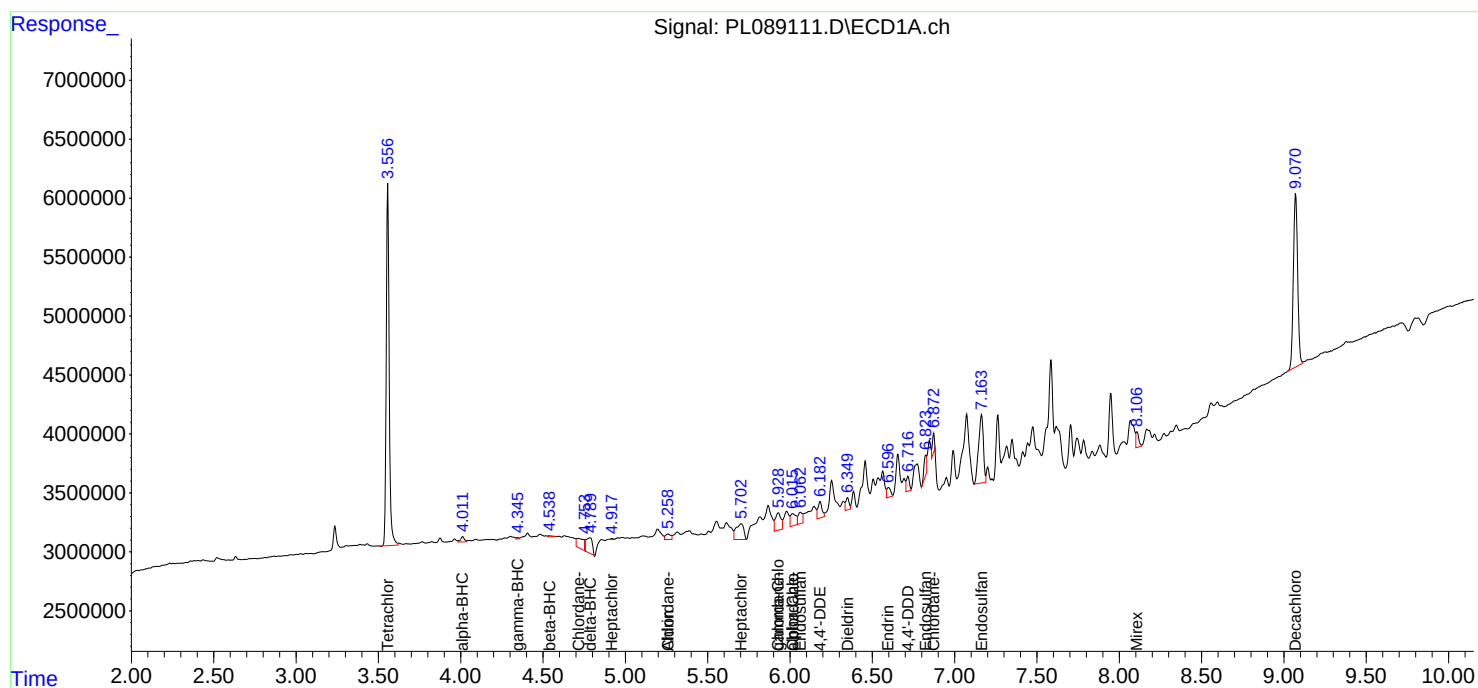
APPROVED

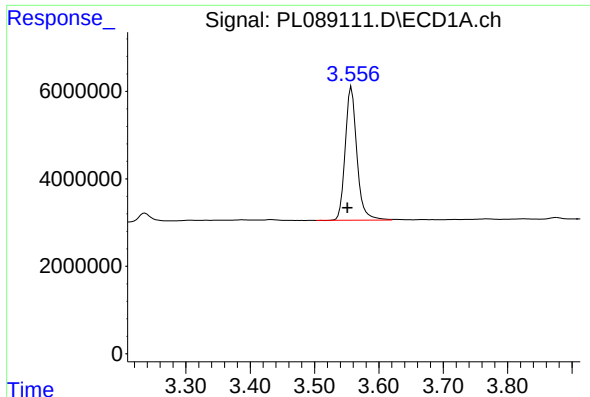
Reviewed By :Abdul Mirza 04/23/2024

Supervised By :Ankita Jodhani 04/23/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:31:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.006 min
Response: 38531597
Conc: 18.13 ng/ml

Instrument :

ECD_L

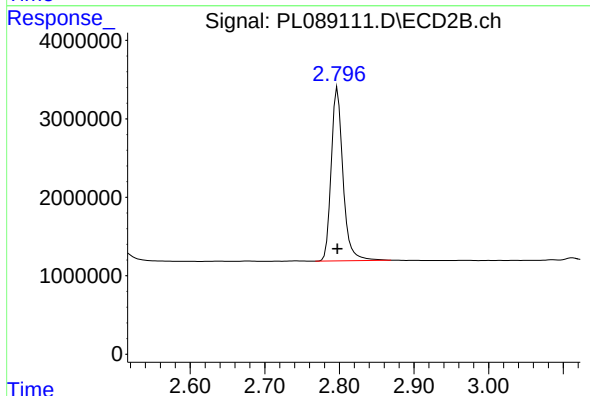
ClientSampleId :

PB160392BS

Manual Integrations

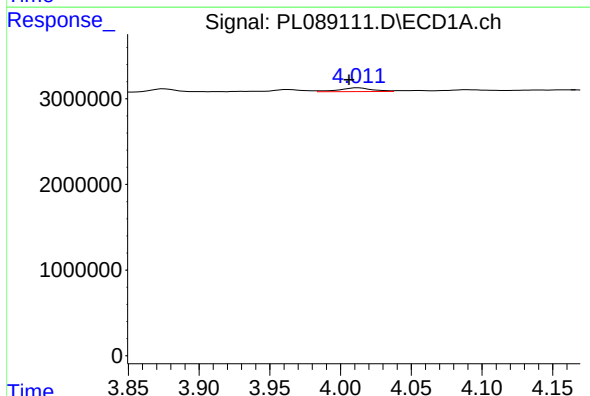
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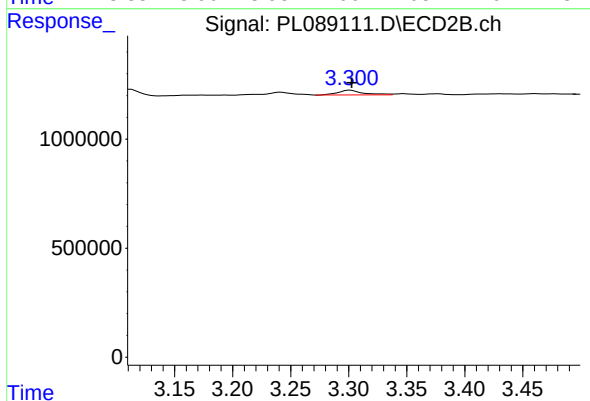
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 24277219
Conc: 18.21 ng/ml



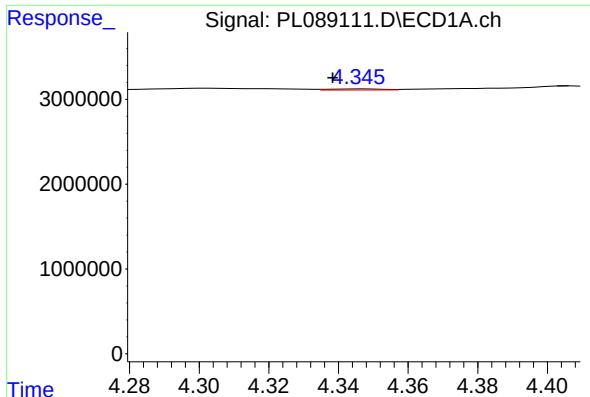
#2 alpha-BHC

R.T.: 4.013 min
Delta R.T.: 0.006 min
Response: 722886
Conc: 0.24 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 339121
Conc: 0.17 ng/ml



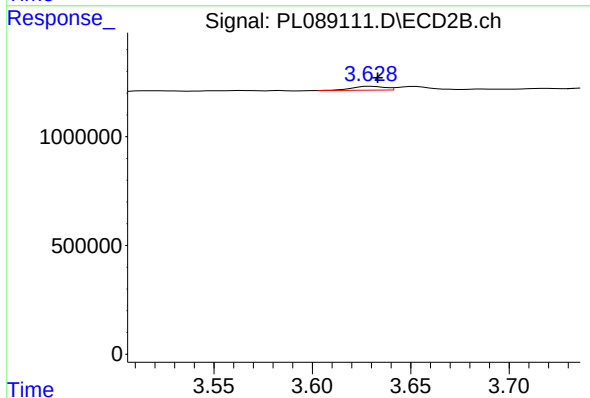
#3 gamma-BHC (Lindane)

R.T.: 4.346 min
Delta R.T.: 0.008 min
Response: 133357
Conc: 0.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

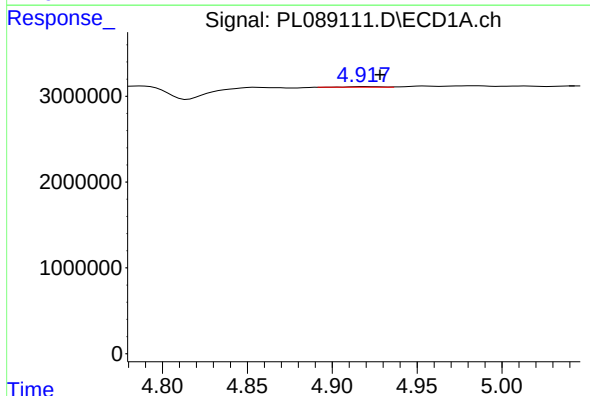
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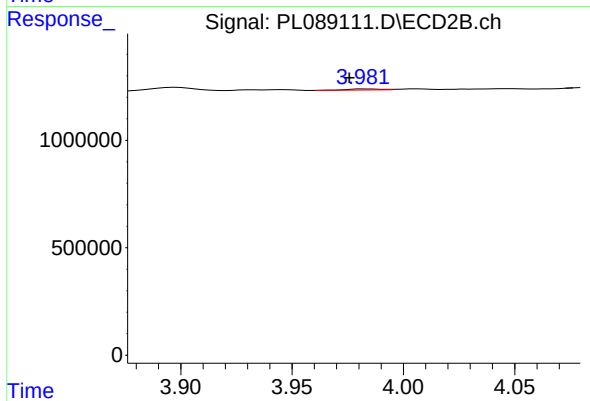
#3 gamma-BHC (Lindane)

R.T.: 3.630 min
Delta R.T.: -0.003 min
Response: 206006
Conc: 0.11 ng/ml



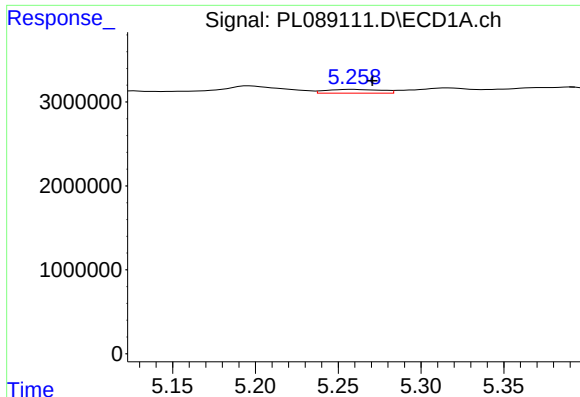
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.010 min
Response: 107113
Conc: 0.04 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.007 min
Response: 54754
Conc: 0.03 ng/ml



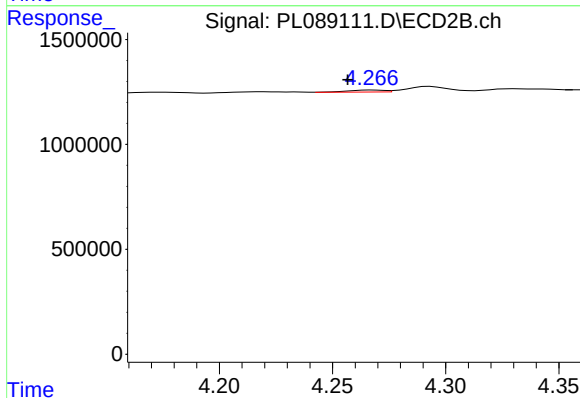
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: -0.011 min
Response: 1053314
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

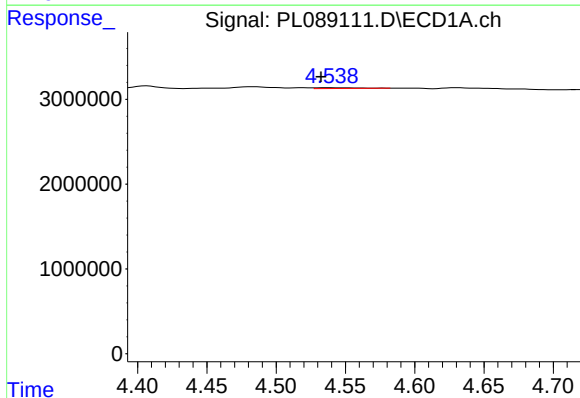
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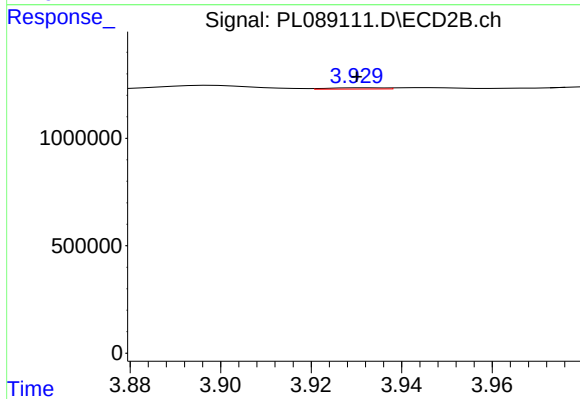
#5 Aldrin

R.T.: 4.268 min
Delta R.T.: 0.011 min
Response: 104740
Conc: 0.06 ng/ml



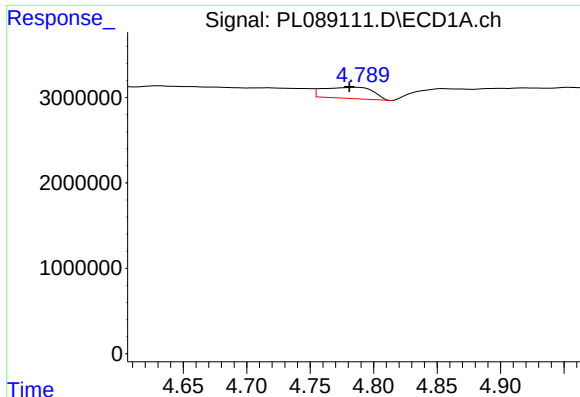
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.007 min
Response: 247237
Conc: 0.18 ng/ml



#6 beta-BHC

R.T.: 3.932 min
Delta R.T.: 0.002 min
Response: 48497
Conc: 0.06 ng/ml



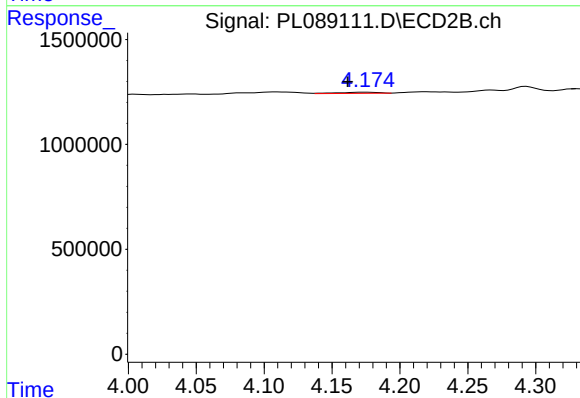
#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: 0.006 min
Response: 3569164
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

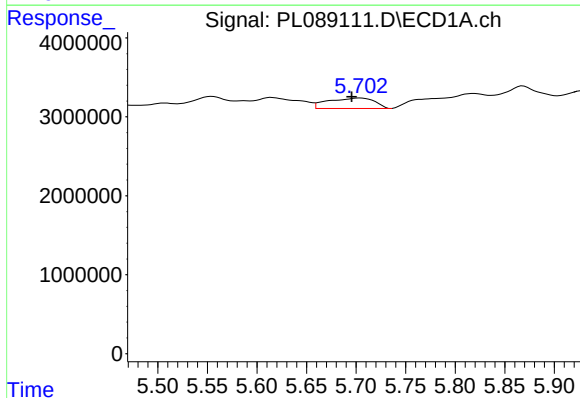
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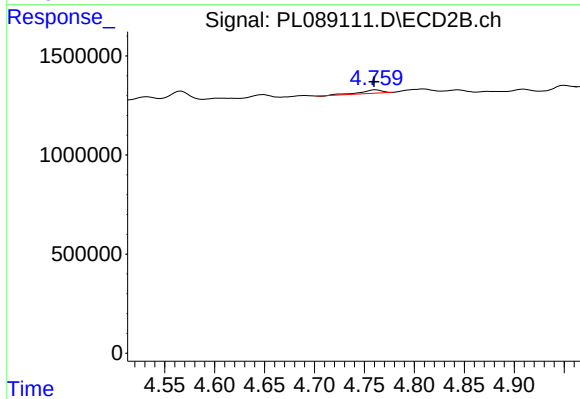
#7 delta-BHC

R.T.: 4.175 min
Delta R.T.: 0.014 min
Response: 104837
Conc: 0.06 ng/ml



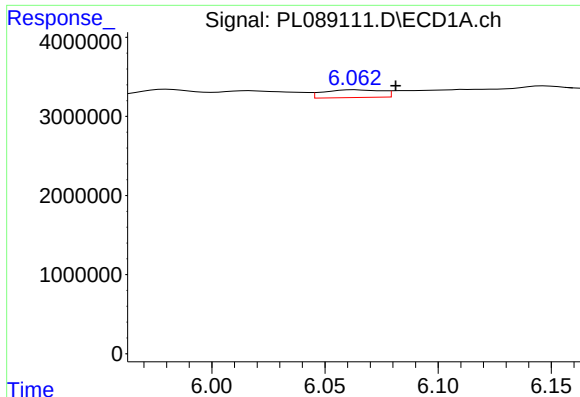
#8 Heptachlor epoxide

R.T.: 5.704 min
Delta R.T.: 0.008 min
Response: 4355267
Conc: 1.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: 0.002 min
Response: 249218
Conc: 0.15 ng/ml



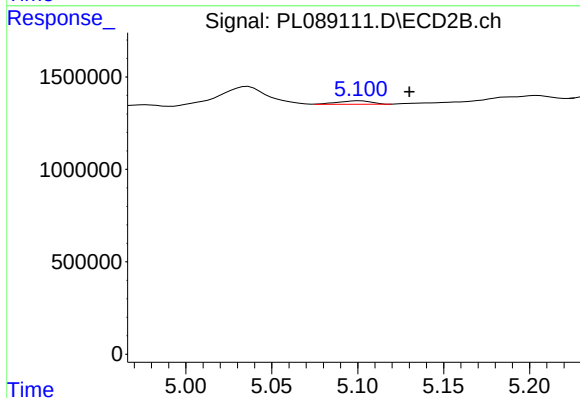
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.018 min
Response: 1732378
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

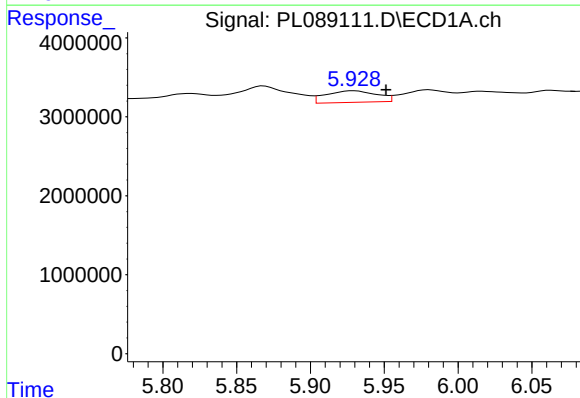
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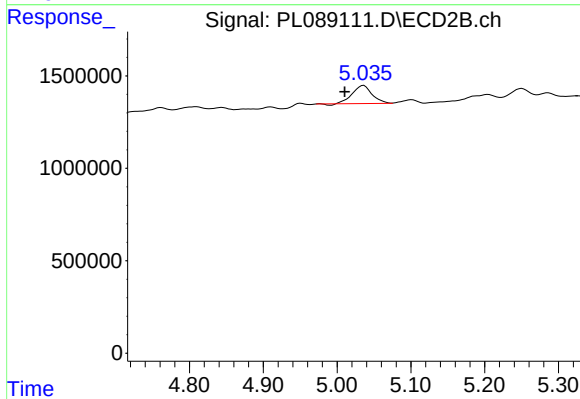
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: -0.029 min
Response: 259338
Conc: 0.17 ng/ml



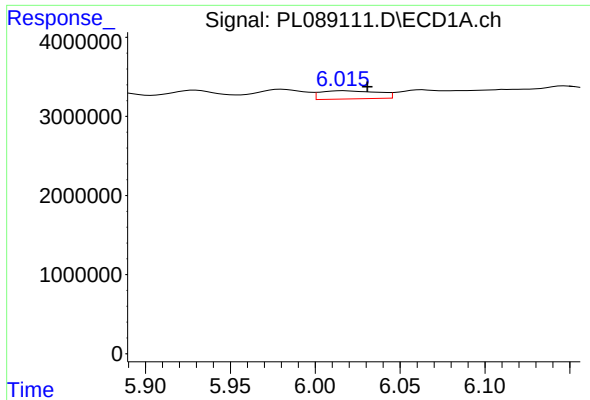
#10 gamma-Chlordane

R.T.: 5.929 min
Delta R.T.: -0.022 min
Response: 3518272
Conc: 1.53 ng/ml



#10 gamma-Chlordane

R.T.: 5.036 min
Delta R.T.: 0.026 min
Response: 1794988
Conc: 1.09 ng/ml



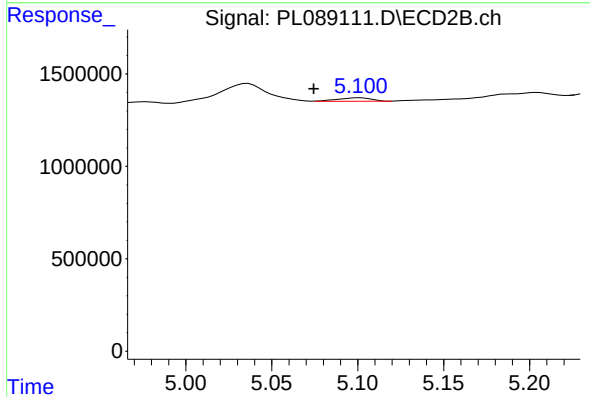
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.015 min
Response: 2445504
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

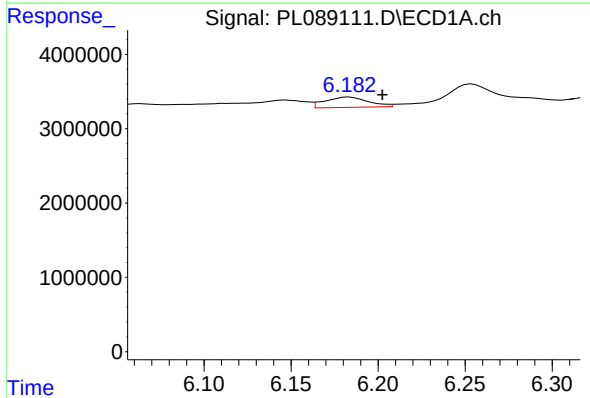
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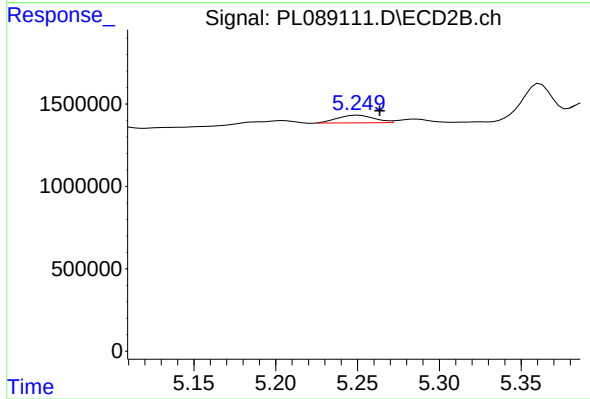
#11 alpha-Chlordane

R.T.: 5.102 min
Delta R.T.: 0.027 min
Response: 259338
Conc: 0.16 ng/ml



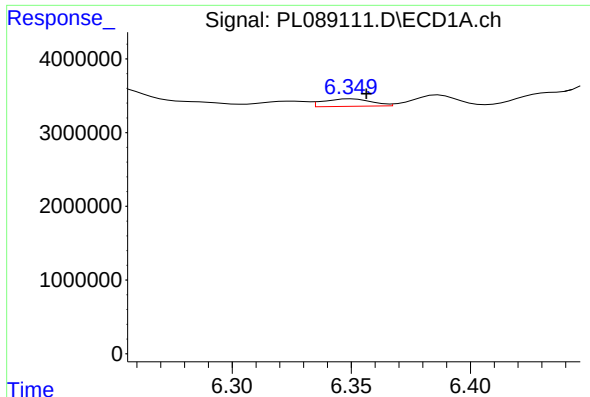
#12 4,4'-DDE

R.T.: 6.183 min
Delta R.T.: -0.019 min
Response: 2388897
Conc: 1.19 ng/ml



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: -0.013 min
Response: 720285
Conc: 0.49 ng/ml



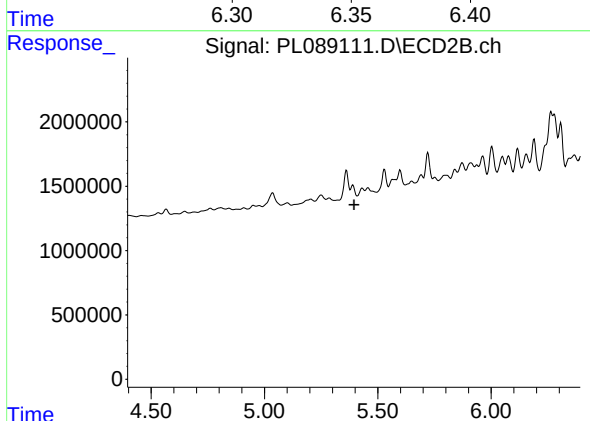
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: -0.006 min
Response: 1442686
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

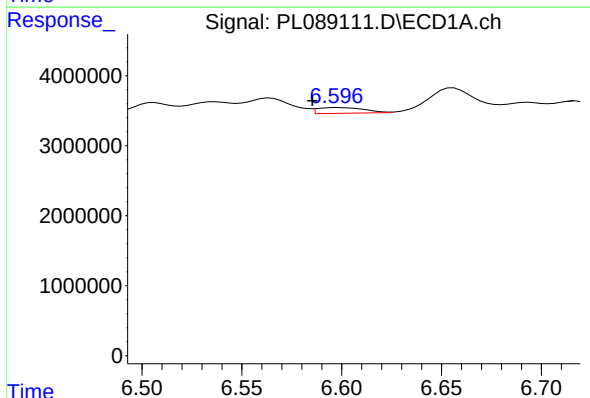
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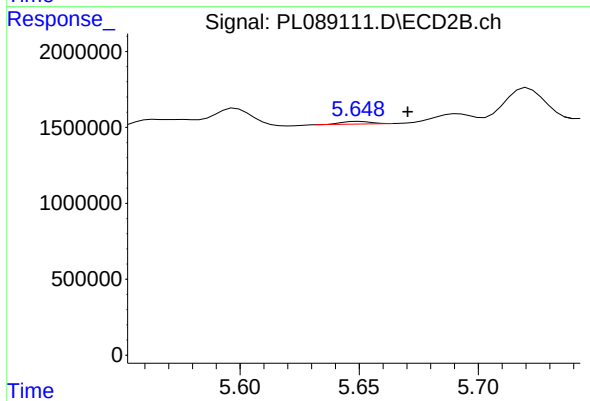
#13 Dieldrin

R.T.: 5.390 min
Delta R.T.: -0.005 min
Response: -361266
Conc: N.D.



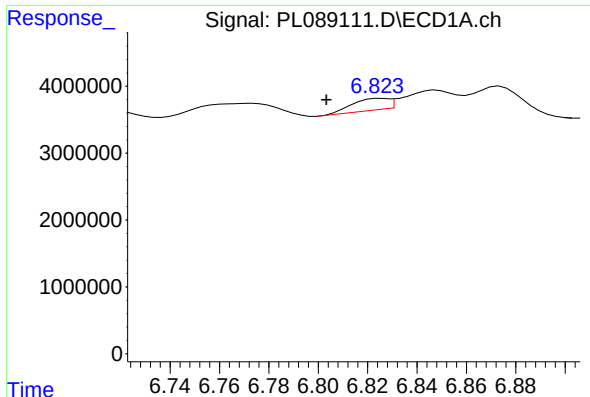
#14 Endrin

R.T.: 6.599 min
Delta R.T.: 0.013 min
Response: 1327397
Conc: 0.71 ng/ml



#14 Endrin

R.T.: 5.650 min
Delta R.T.: -0.020 min
Response: 150931
Conc: 0.10 ng/ml



#15 Endosulfan II

R.T.: 6.826 min
Delta R.T.: 0.022 min
Response: 1754364
Conc: 0.91 ng/ml

Instrument :

ECD_L

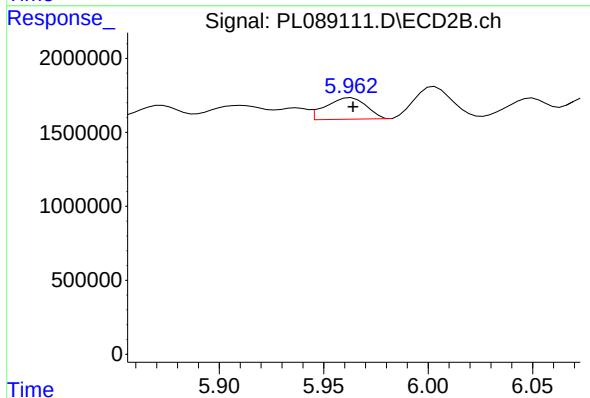
ClientSampleId :

PB160392BS

Manual Integrations

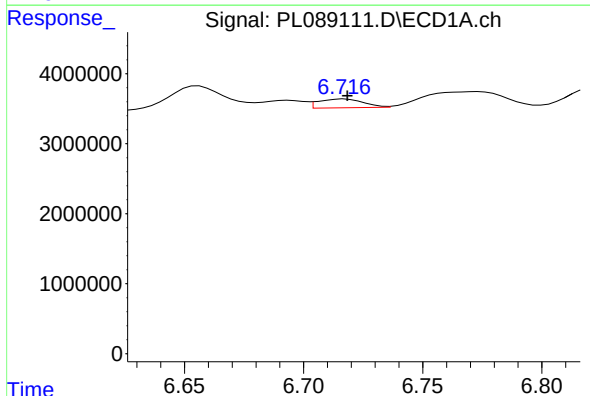
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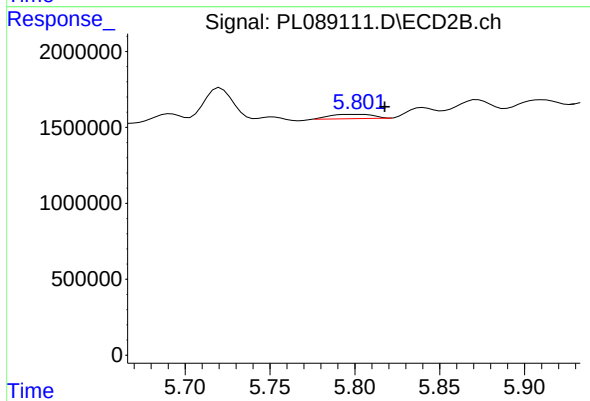
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 1963404
Conc: 1.37 ng/ml



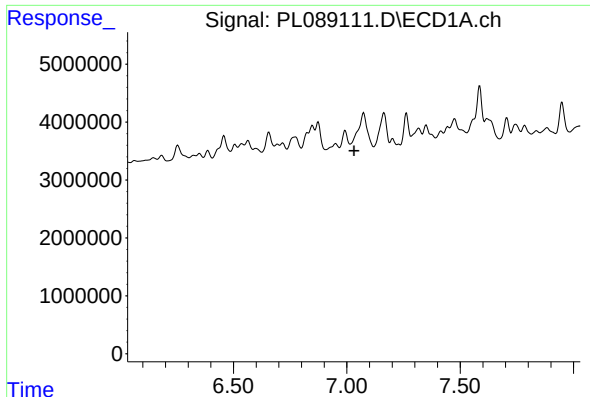
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: -0.001 min
Response: 1645289
Conc: 1.02 ng/ml



#16 4,4'-DDD

R.T.: 5.802 min
Delta R.T.: -0.015 min
Response: 503954
Conc: 0.42 ng/ml



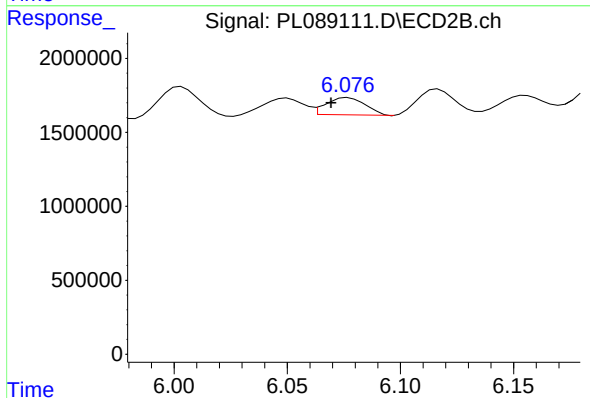
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 7.033 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB160392BS

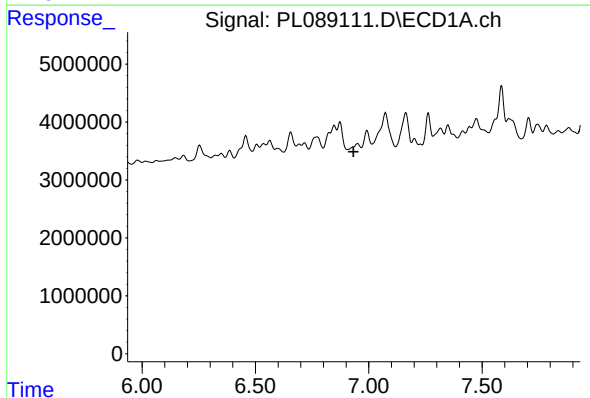
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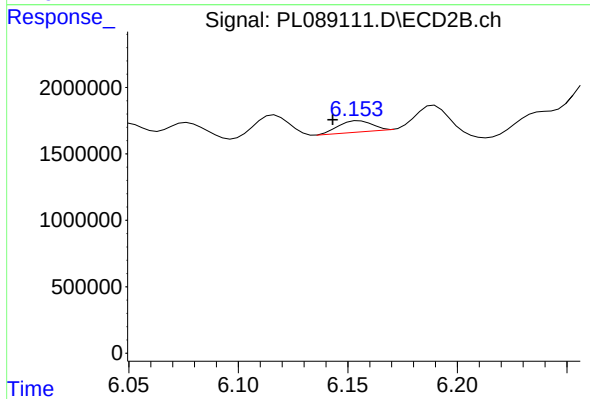
#17 4,4'-DDT

R.T.: 6.077 min
Delta R.T.: 0.007 min
Response: 1395499
Conc: 1.06 ng/ml



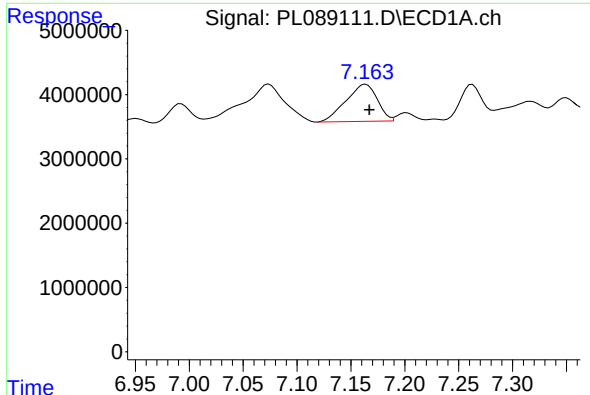
#18 Endrin aldehyde

R.T.: 6.951 min
Delta R.T.: 0.018 min
Response: -4808685
Conc: N.D.



#18 Endrin aldehyde

R.T.: 6.155 min
Delta R.T.: 0.012 min
Response: 908304
Conc: 0.83 ng/ml



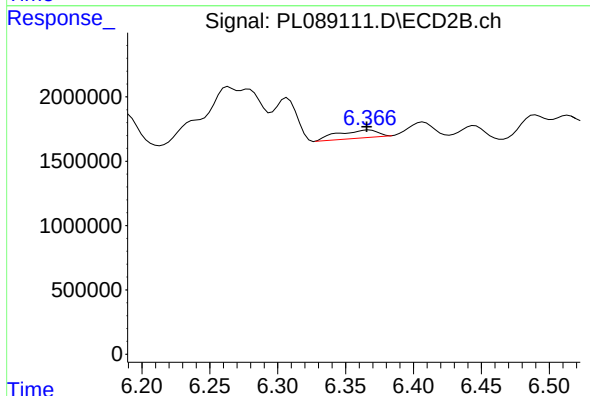
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: -0.003 min
Response: 11629270
Conc: 6.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

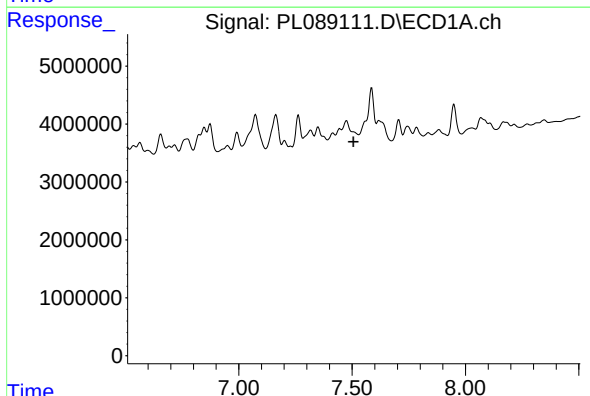
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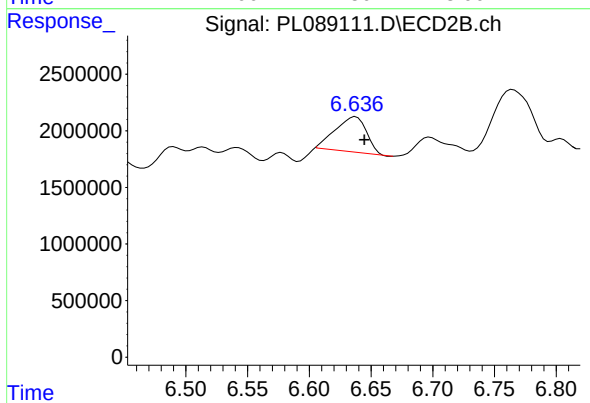
#19 Endosulfan Sulfate

R.T.: 6.367 min
Delta R.T.: 0.002 min
Response: 1261175
Conc: 0.93 ng/ml



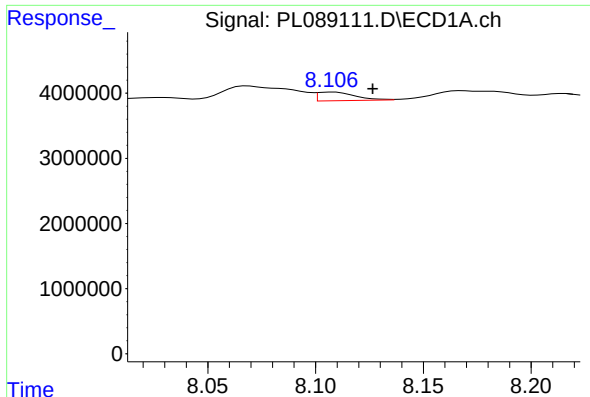
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.506 min
Response: 0
Conc: N.D.



#20 Methoxychlor

R.T.: 6.637 min
Delta R.T.: -0.007 min
Response: 5462843
Conc: 7.31 ng/ml



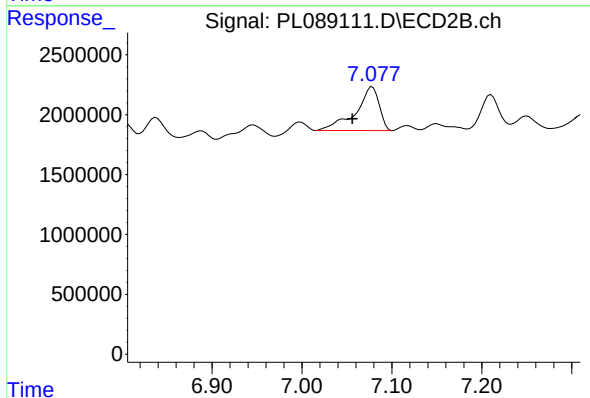
#22 Mirex

R.T.: 8.108 min
Delta R.T.: -0.018 min
Response: 1607560
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

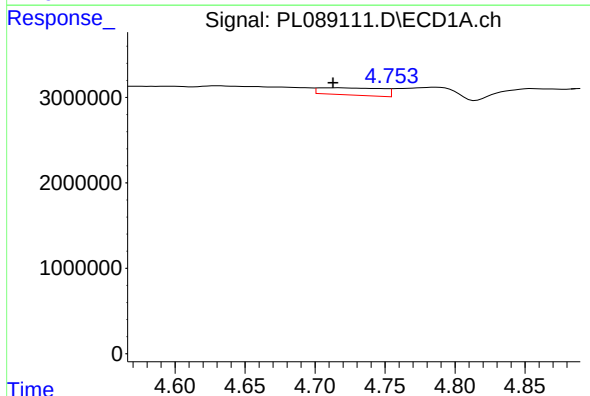
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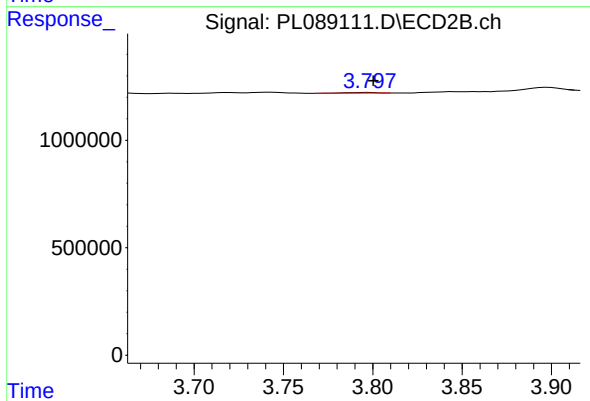
#22 Mirex

R.T.: 7.078 min
Delta R.T.: 0.022 min
Response: 6619764
Conc: 5.01 ng/ml



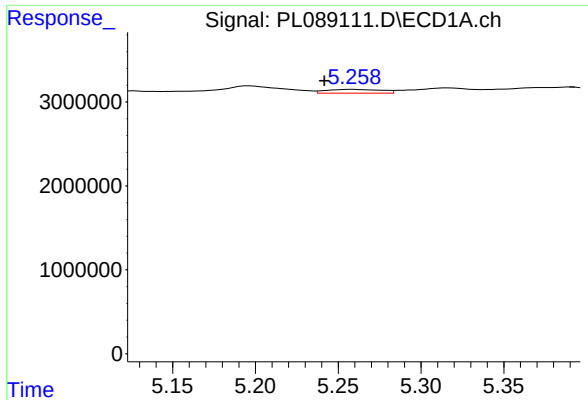
#23 Chlordane-1

R.T.: 4.718 min
Delta R.T.: 0.005 min
Response: 2644761
Conc: 29.11 ng/ml



#23 Chlordane-1

R.T.: 3.798 min
Delta R.T.: -0.002 min
Response: 40374
Conc: 0.79 ng/ml



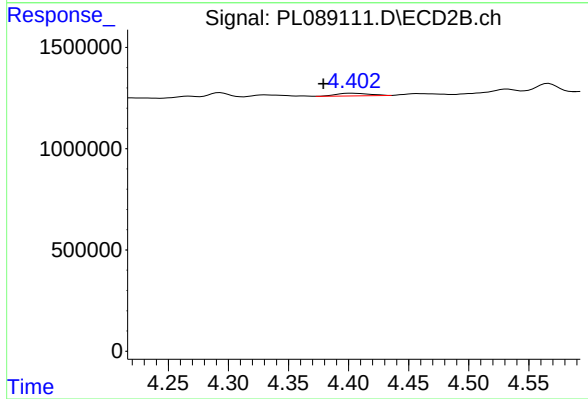
#24 Chlordane-2

R.T.: 5.259 min
Delta R.T.: 0.018 min
Response: 1053314
Conc: 11.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

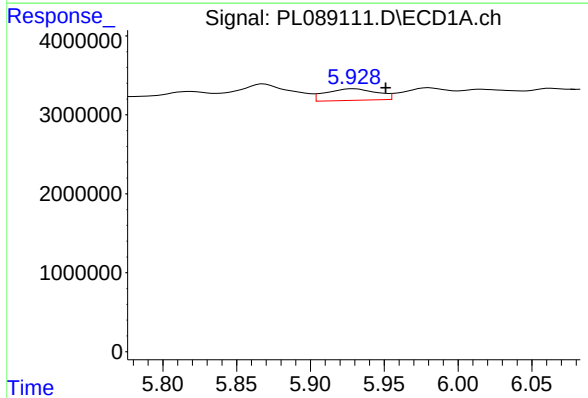
Manual Integrations
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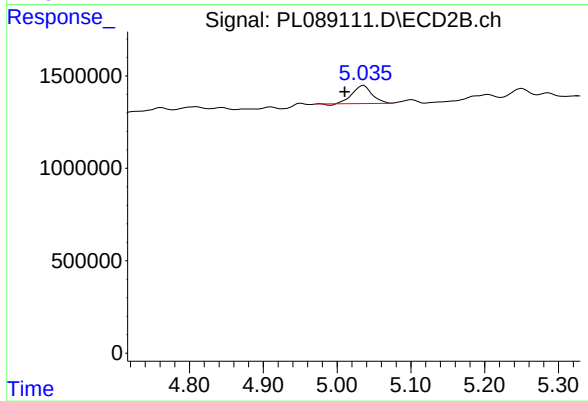
#24 Chlordane-2

R.T.: 4.404 min
Delta R.T.: 0.025 min
Response: 252793
Conc: 3.89 ng/ml



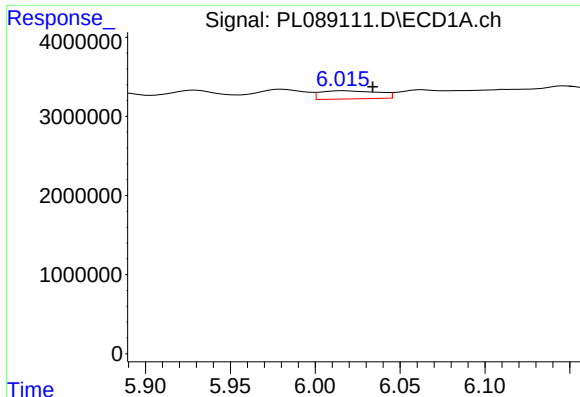
#25 Chlordane-3

R.T.: 5.929 min
Delta R.T.: -0.022 min
Response: 3518272
Conc: 10.92 ng/ml



#25 Chlordane-3

R.T.: 5.036 min
Delta R.T.: 0.026 min
Response: 1794988
Conc: 10.39 ng/ml



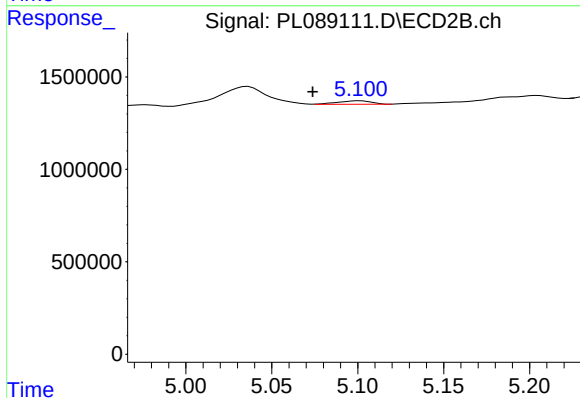
#26 Chlordane-4

R.T.: 6.016 min
Delta R.T.: -0.018 min
Response: 2445504
Conc: 6.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

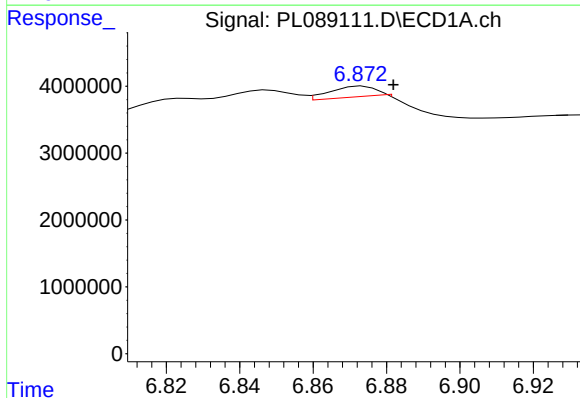
Manual Integrations
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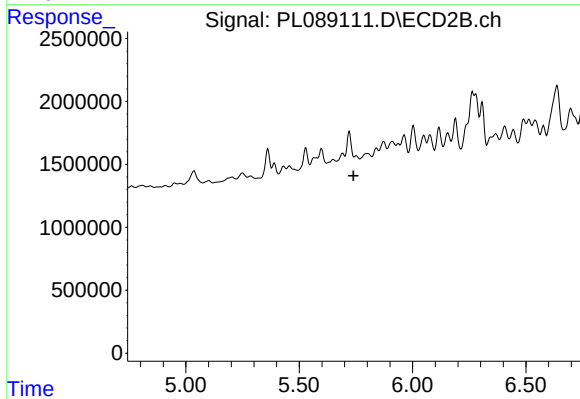
#26 Chlordane-4

R.T.: 5.102 min
Delta R.T.: 0.028 min
Response: 259338
Conc: 1.60 ng/ml



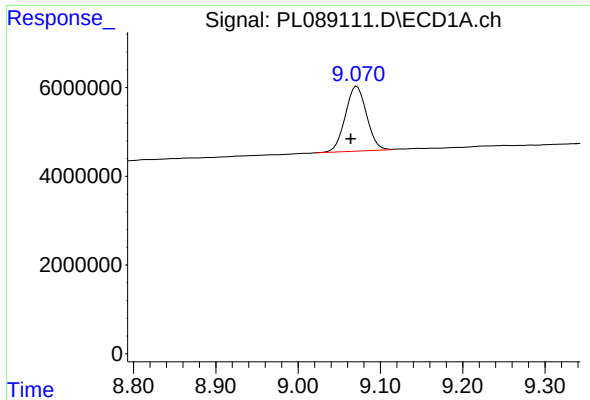
#27 Chlordane-5

R.T.: 6.873 min
Delta R.T.: -0.008 min
Response: 1974821
Conc: 26.08 ng/ml



#27 Chlordane-5

R.T.: 5.752 min
Delta R.T.: 0.012 min
Response: -581998
Conc: N.D.



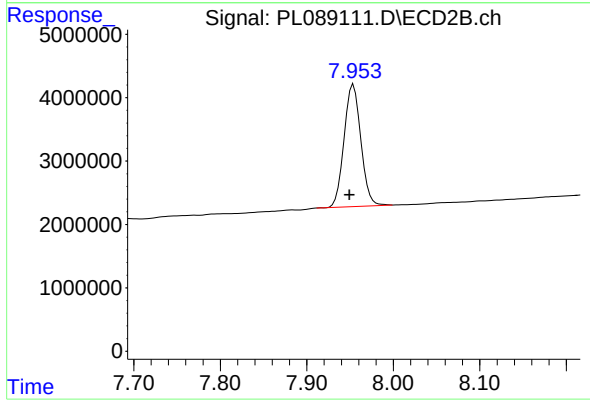
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.008 min
Response: 26308829
Conc: 20.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.954 min
Delta R.T.: 0.005 min
Response: 25930074
Conc: 19.36 ng/ml