

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041224\
 Data File : PL089012.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2024 17:11
 Operator : AR\AJ
 Sample : P2038-01MSD 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OK-02-040924

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/11/2024
 Supervised By :Ankita Jodhani 04/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 04:14:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 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...	3.634	2.852	5162848	3060062	1.948m	2.296
28) SA Decachlor...	9.293	8.079	4193126	2359480	1.696m	1.740
Target Compounds						
2) A alpha-BHC	4.099	3.366	17515047	10028250	4.388	4.991
3) MA gamma-BHC...	4.438	3.704	18385413	11848053	4.741	6.174 #
4) MA Heptachlor	5.037	4.049	17066439	9221765	4.494	5.124m
5) MB Aldrin	5.383	4.332	15908332	5415583	4.341m	2.997m#
6) B beta-BHC	4.636	4.004	8365988	5718025	4.717m	6.670m#
7) B delta-BHC	4.887	4.238	23017912	9396487	5.714	4.912m
8) B Heptachlo...	5.817	4.846	19086502	8587608	5.557	5.222
9) A Endosulfan I	6.205	5.223	14634405	6241465	4.788m	4.152
10) B gamma-Chl...	6.074	5.101	23415662	10103461	7.030m	6.100
11) B alpha-Chl...	6.155	5.166	18817912	9598589	5.661m	5.783
12) B 4,4'-DDE	6.330	5.358	8372112	7226902	2.802	4.955 #
13) MA Dieldrin	6.486	5.493	14112839	12062997	4.352	7.427 #
14) MA Endrin	6.718	5.770	10724951	8519240	3.923	5.910 #
15) B Endosulfa...	6.938	6.068	12546367	6698244	4.380	4.658
16) A 4,4'-DDD	6.852	5.920	12334889	5969986	4.843	4.794
17) MA 4,4'-DDT	7.172	6.172	11251737	4570455	4.221	3.405m
18) B Endrin al...	7.069	6.249	7753669	3948303	3.714m	3.768
19) B Endosulfa...	7.307	6.474	11646464	6895039	4.218	4.970m
20) A Methoxychlor	7.652	6.757	4749429	3186876	3.153	3.973m#
21) B Endrin ke...	7.798	6.986	11628760	6243762	3.933	3.782m
22) Mirex	8.281	7.174	12194641	6322144	5.201	4.689

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041224\
Data File : PL089012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2024 17:11
Operator : AR\AJ
Sample : P2038-01MSD 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

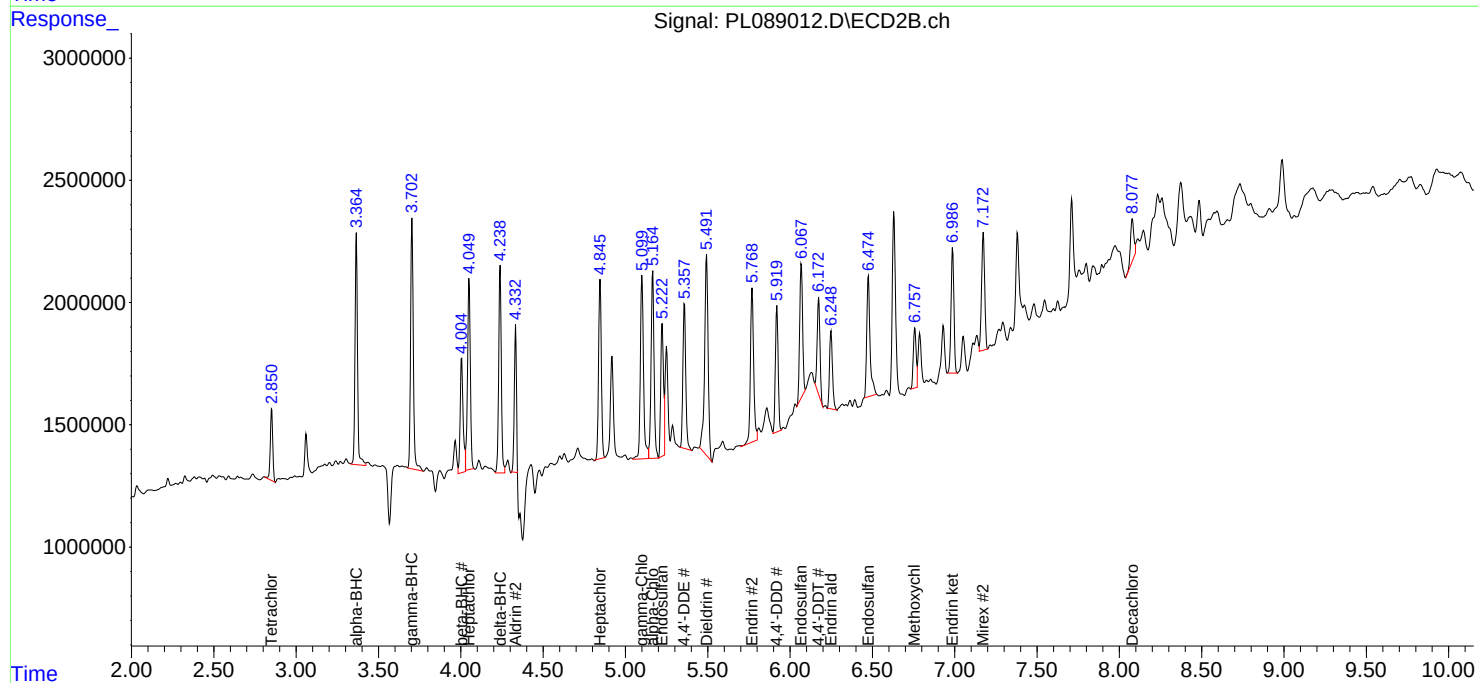
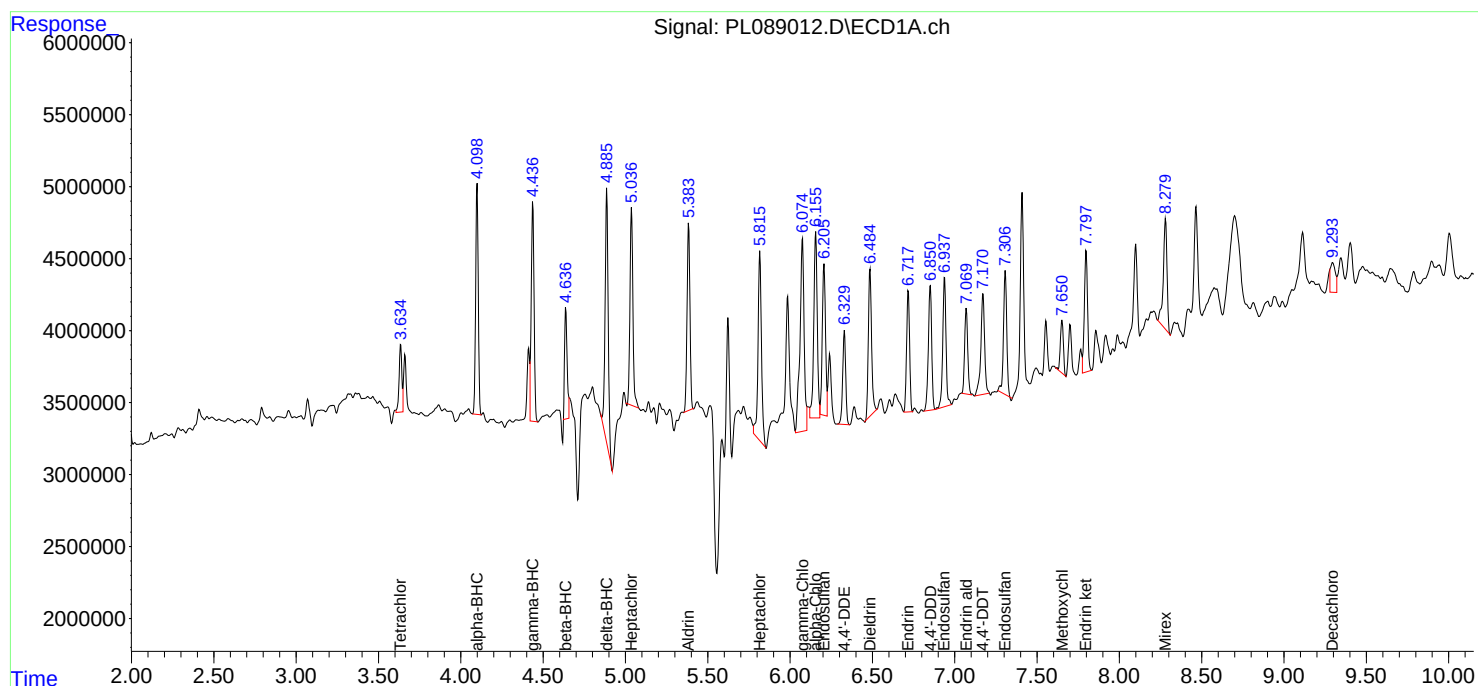
APPROVED

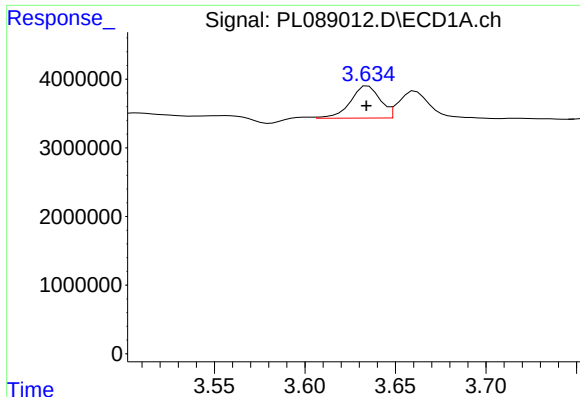
Reviewed By :Abdul Mirza 04/11/2024

Supervised By :Ankita Jodhani 04/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 04:14:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 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





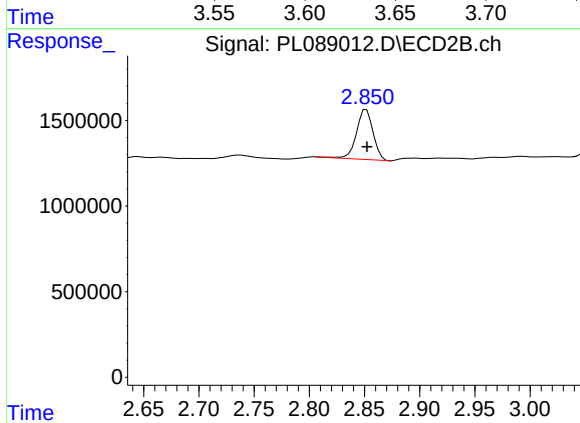
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 5162848
Conc: 1.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-040924

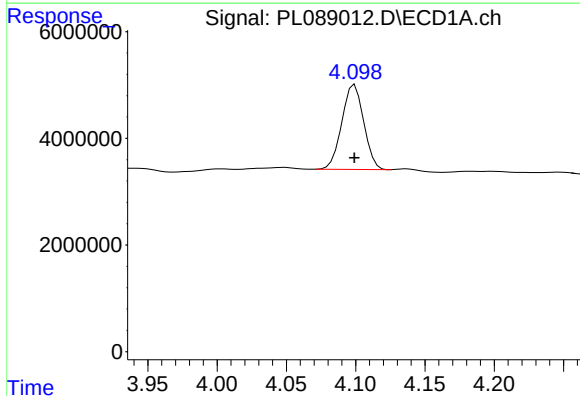
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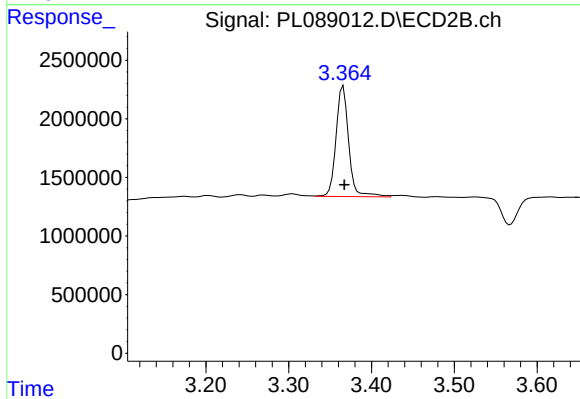
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 3060062
Conc: 2.30 ng/ml



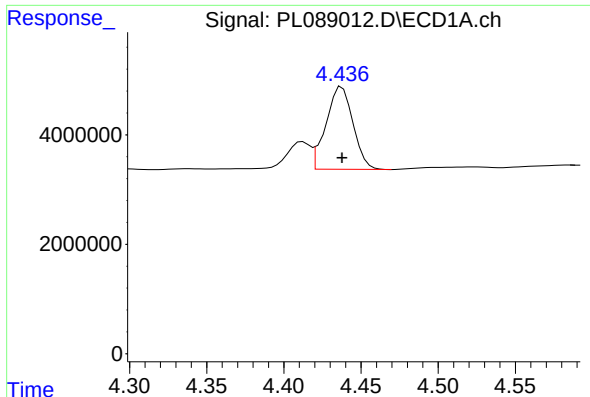
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 17515047
Conc: 4.39 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: -0.001 min
Response: 10028250
Conc: 4.99 ng/ml



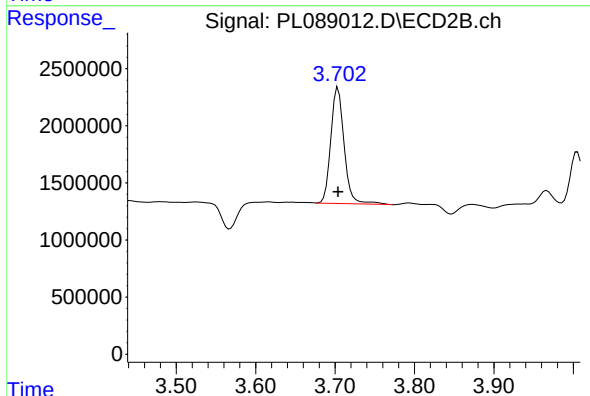
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 18385413
Conc: 4.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-040924

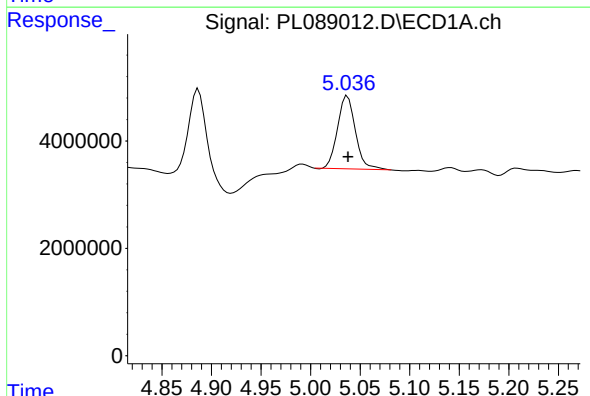
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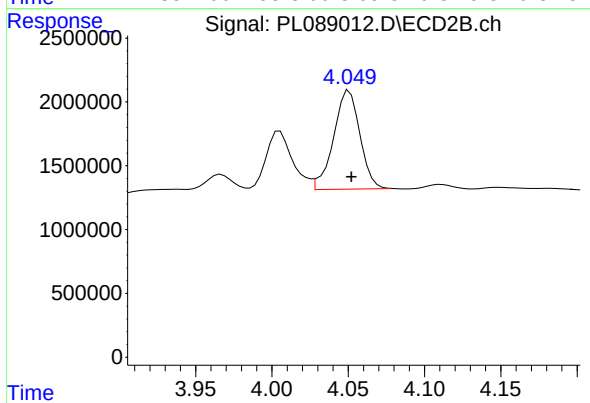
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: 0.000 min
Response: 11848053
Conc: 6.17 ng/ml



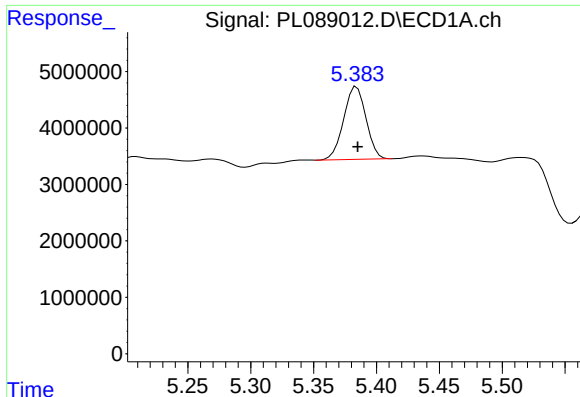
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 17066439
Conc: 4.49 ng/ml



#4 Heptachlor

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 9221765
Conc: 5.12 ng/ml m



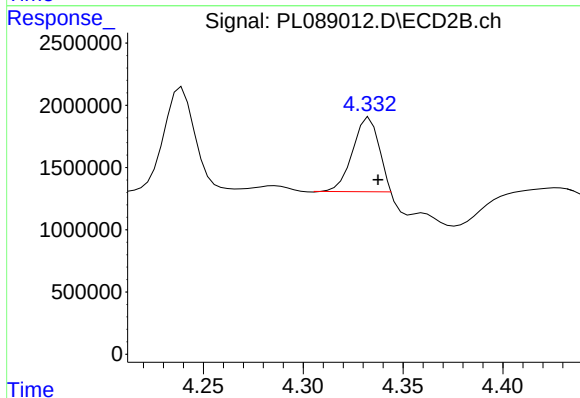
#5 Aldrin

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 15908332
Conc: 4.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-040924

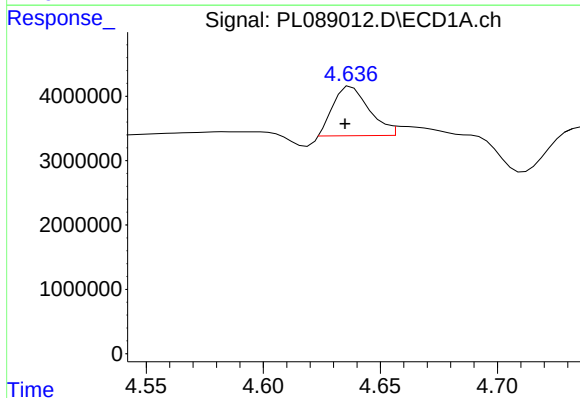
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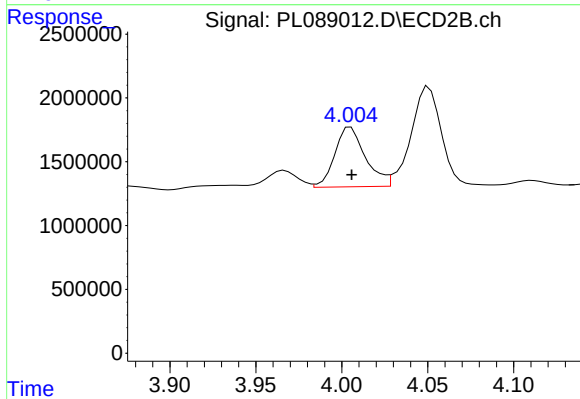
#5 Aldrin

R.T.: 4.332 min
Delta R.T.: -0.006 min
Response: 5415583
Conc: 3.00 ng/ml m



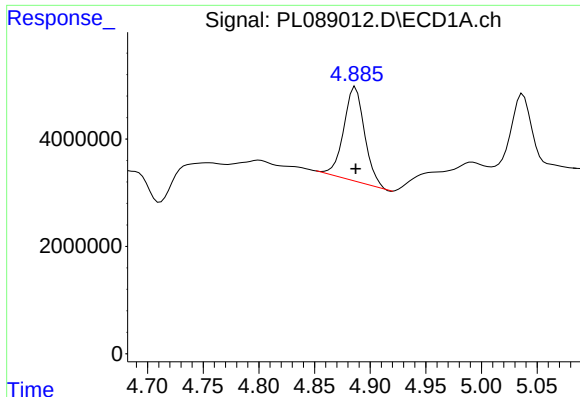
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.001 min
Response: 8365988
Conc: 4.72 ng/ml m



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 5718025
Conc: 6.67 ng/ml m



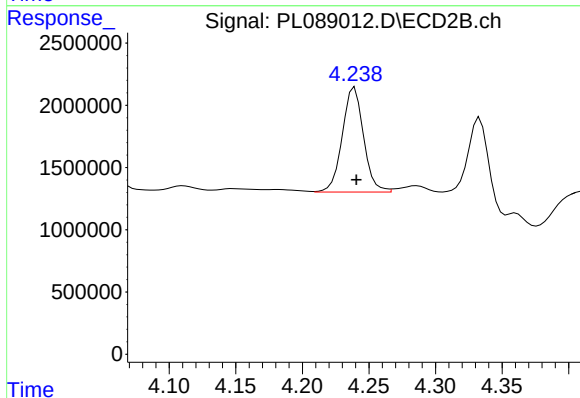
#7 delta-BHC

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 23017912
Conc: 5.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-040924

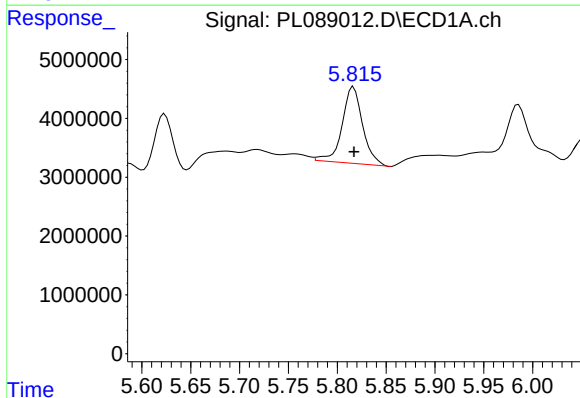
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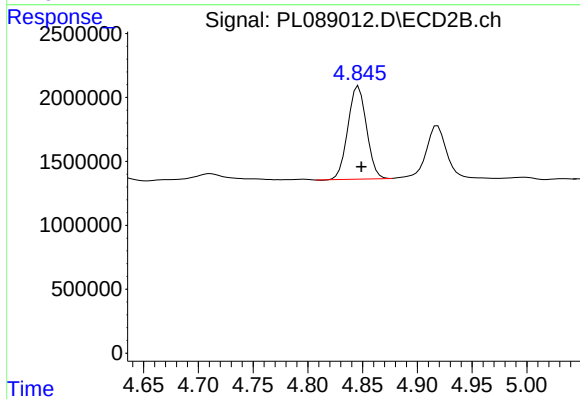
#7 delta-BHC

R.T.: 4.238 min
Delta R.T.: -0.003 min
Response: 9396487
Conc: 4.91 ng/ml m



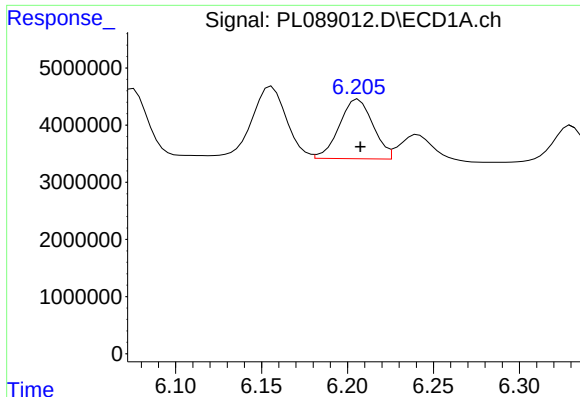
#8 Heptachlor epoxide

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 19086502
Conc: 5.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.846 min
Delta R.T.: -0.003 min
Response: 8587608
Conc: 5.22 ng/ml



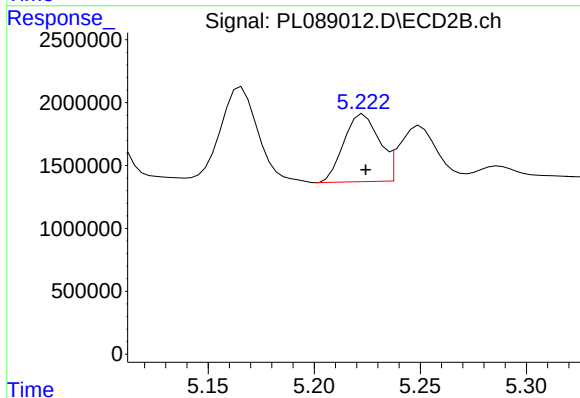
#9 Endosulfan I

R.T.: 6.205 min
Delta R.T.: -0.003 min
Response: 14634405
Conc: 4.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-040924

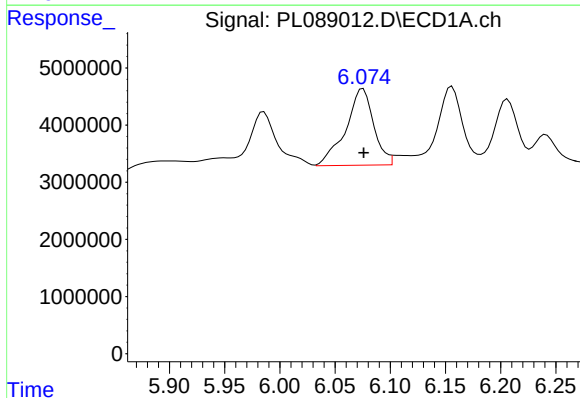
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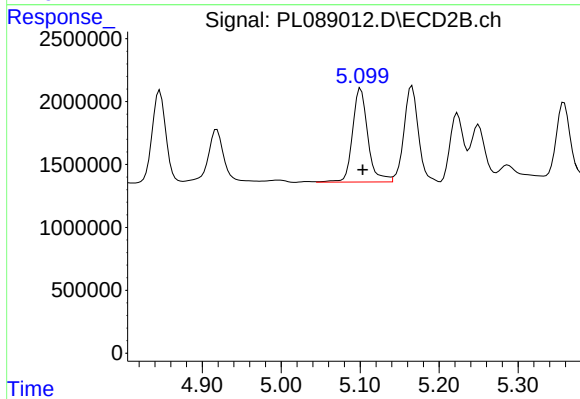
#9 Endosulfan I

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 6241465
Conc: 4.15 ng/ml



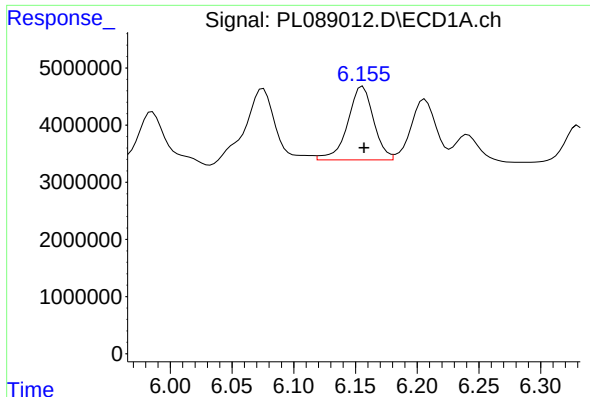
#10 gamma-Chlordane

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 23415662
Conc: 7.03 ng/ml m



#10 gamma-Chlordane

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 10103461
Conc: 6.10 ng/ml



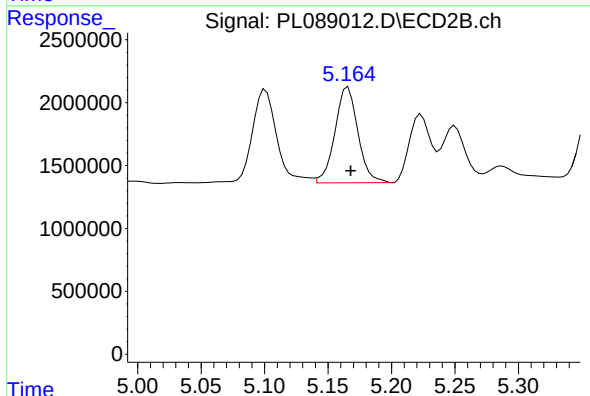
#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 18817912
Conc: 5.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-040924

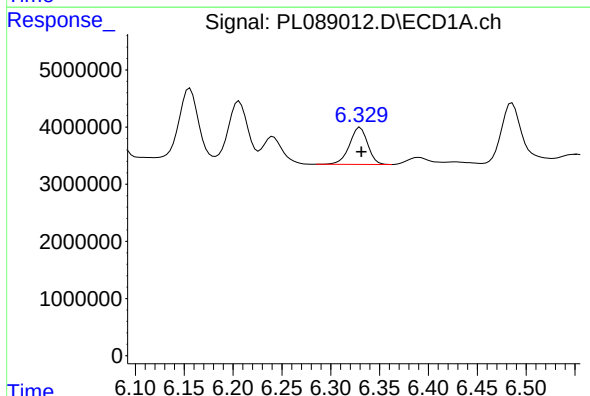
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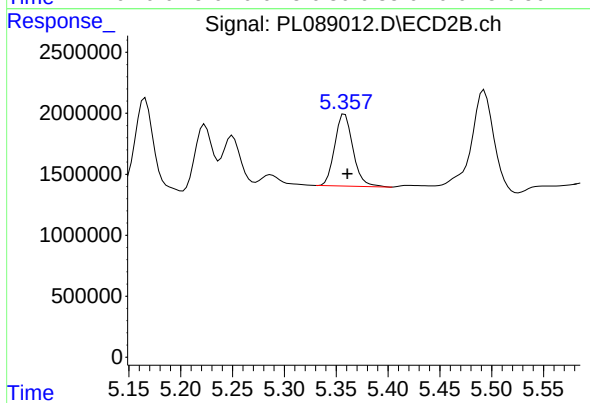
#11 alpha-Chlordane

R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 9598589
Conc: 5.78 ng/ml



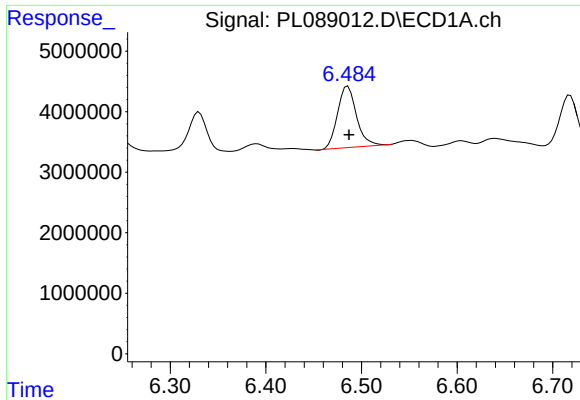
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 8372112
Conc: 2.80 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 7226902
Conc: 4.95 ng/ml



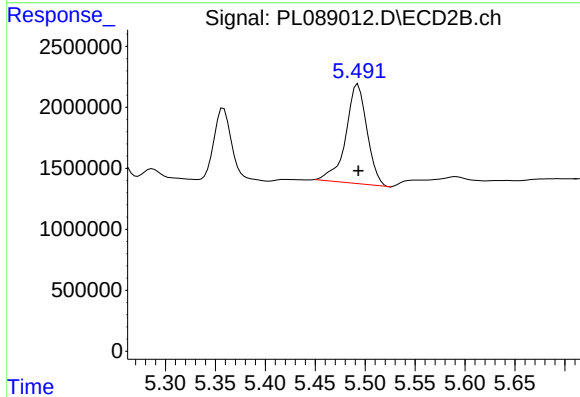
#13 Dieldrin

R.T.: 6.486 min
Delta R.T.: -0.001 min
Response: 14112839
Conc: 4.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-040924

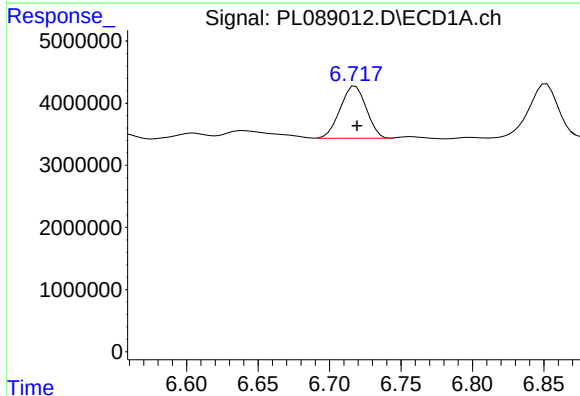
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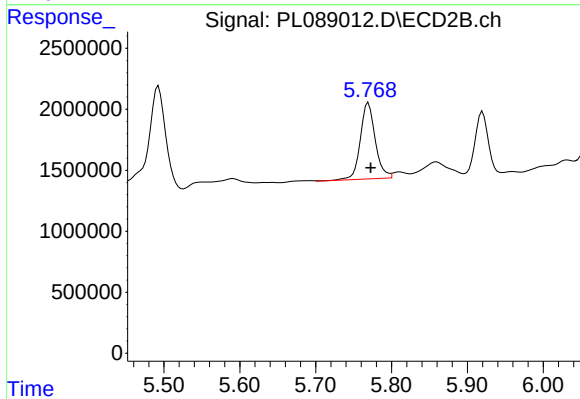
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 12062997
Conc: 7.43 ng/ml



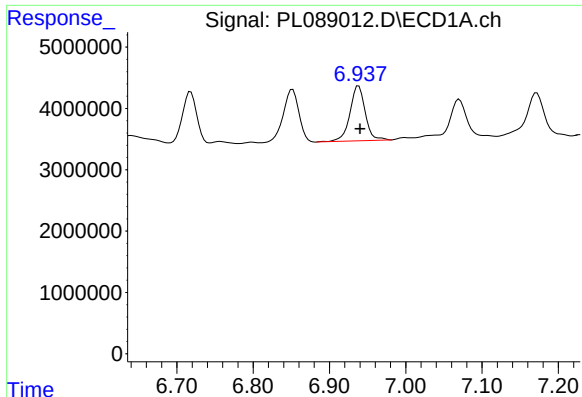
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.001 min
Response: 10724951
Conc: 3.92 ng/ml



#14 Endrin

R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 8519240
Conc: 5.91 ng/ml



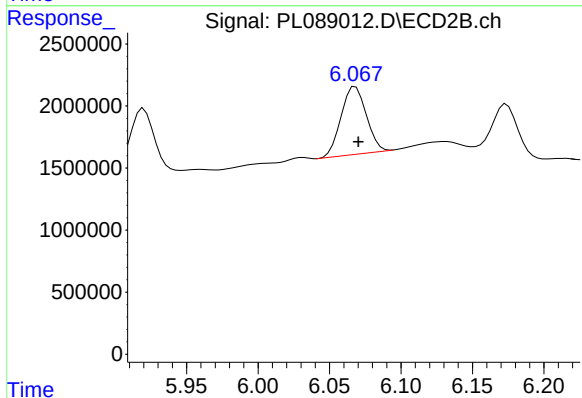
#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 12546367
Conc: 4.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-040924

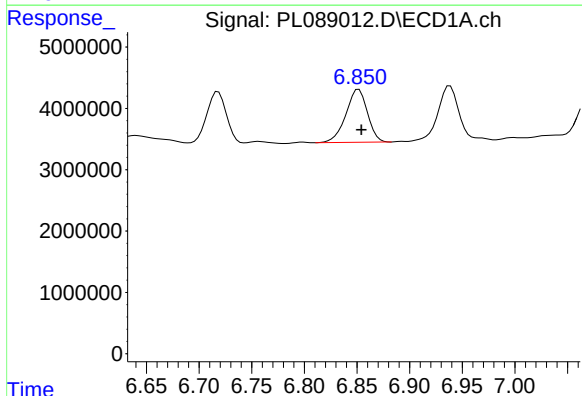
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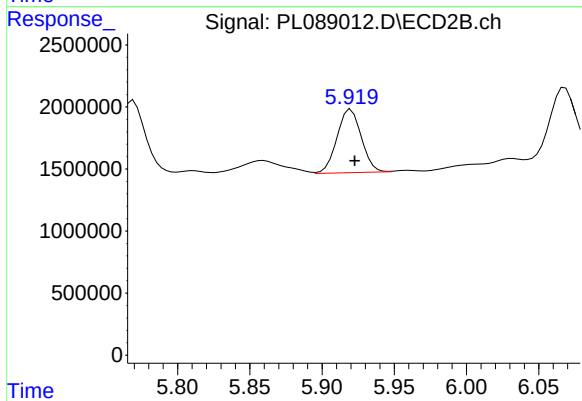
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 6698244
Conc: 4.66 ng/ml



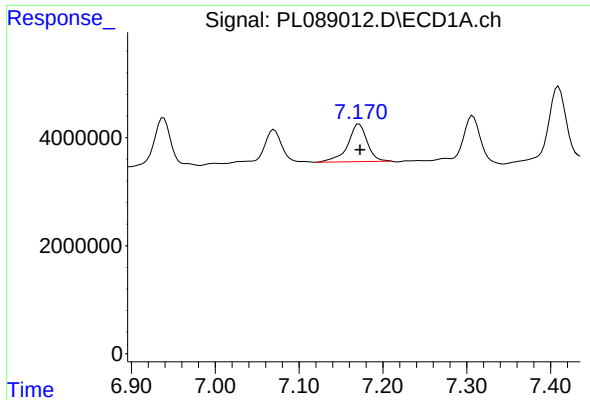
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 12334889
Conc: 4.84 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 5969986
Conc: 4.79 ng/ml



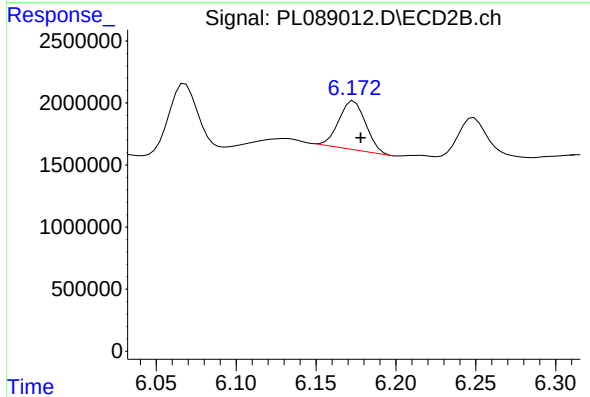
#17 4,4'-DDT

R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 11251737
Conc: 4.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-040924

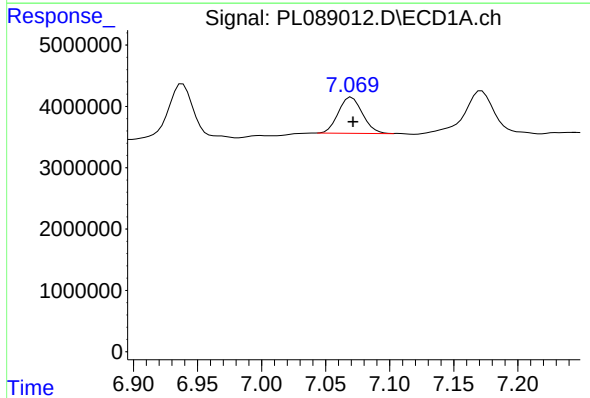
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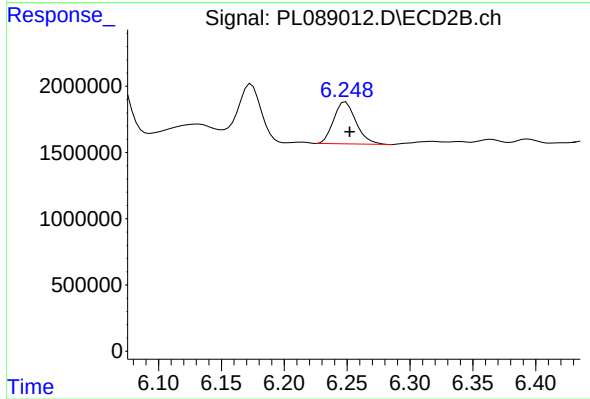
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.006 min
Response: 4570455
Conc: 3.41 ng/ml m



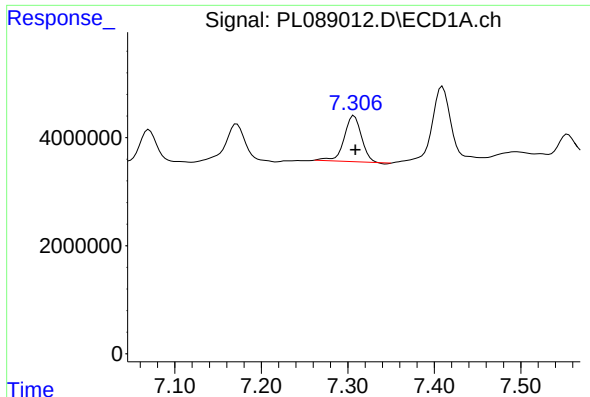
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.002 min
Response: 7753669
Conc: 3.71 ng/ml m



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 3948303
Conc: 3.77 ng/ml



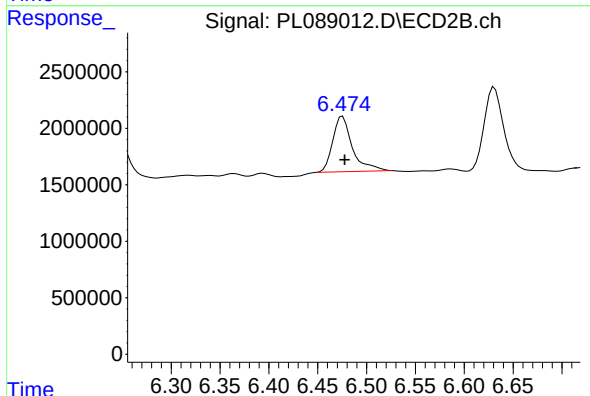
#19 Endosulfan Sulfate

R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 11646464
Conc: 4.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-040924

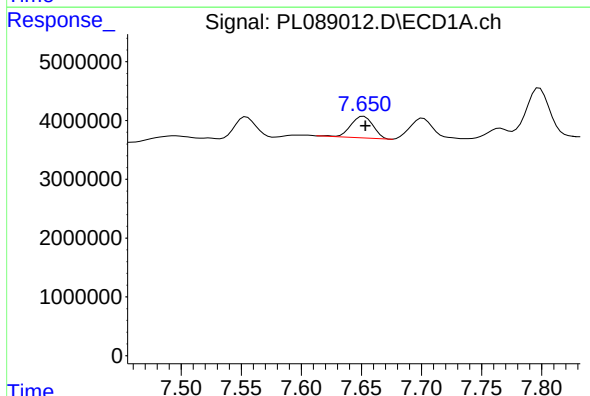
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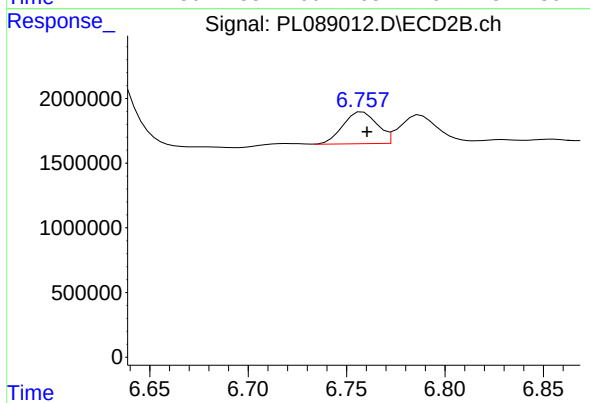
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.004 min
Response: 6895039
Conc: 4.97 ng/ml m



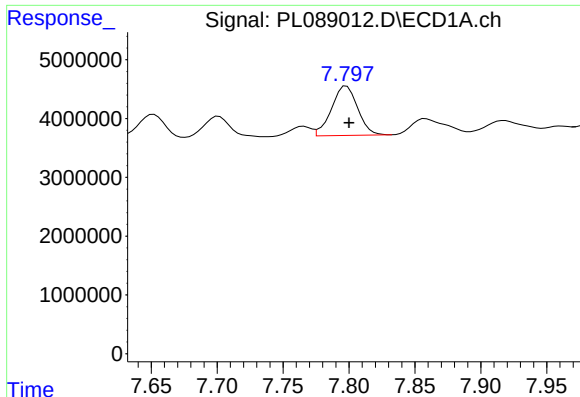
#20 Methoxychlor

R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 4749429
Conc: 3.15 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 3186876
Conc: 3.97 ng/ml m



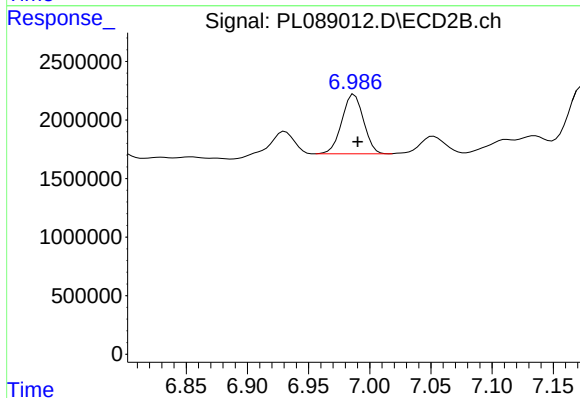
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 11628760
Conc: 3.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-040924

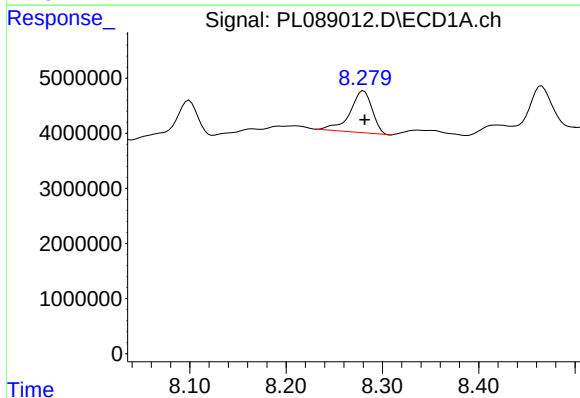
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Reviewed By :Abdul Mirza 04/11/2024
Supervised By :Ankita Jodhani 04/11/2024



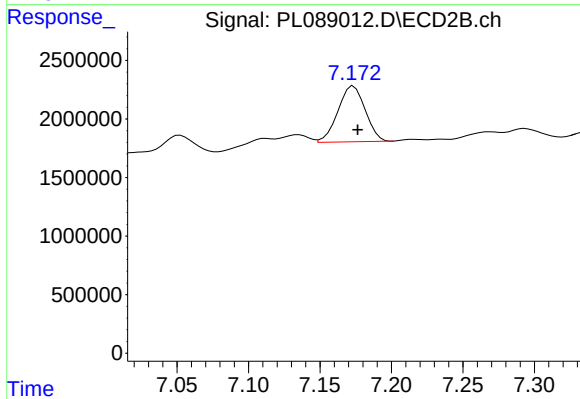
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.004 min
Response: 6243762
Conc: 3.78 ng/ml m



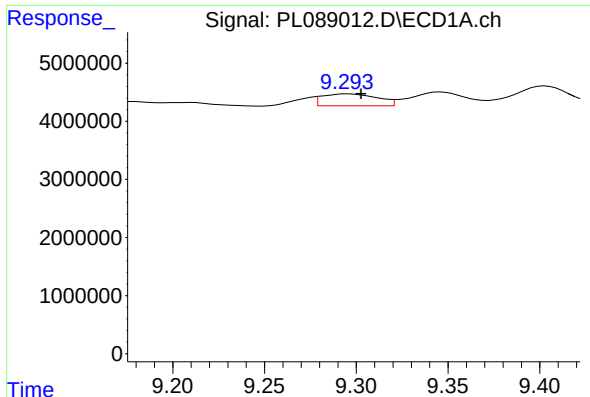
#22 Mirex

R.T.: 8.281 min
Delta R.T.: -0.001 min
Response: 12194641
Conc: 5.20 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.003 min
Response: 6322144
Conc: 4.69 ng/ml



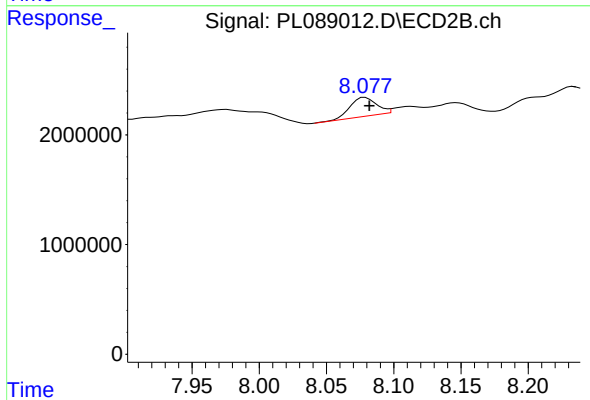
#28 Decachlorobiphenyl

R.T.: 9.293 min
Delta R.T.: -0.009 min
Response: 4193126
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-040924

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2024
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#28 Decachlorobiphenyl

R.T.: 8.079 min
Delta R.T.: -0.003 min
Response: 2359480
Conc: 1.74 ng/ml