

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074105.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 13:42
 Operator : AR\AJ
 Sample : N2349-15MSD 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 DEL-8MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 17:55:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 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...	4.636	5.490	403489	1548221	1.249m	0.868 #
2) SA Decachlor...	10.403	11.293f	3599158	7249325	6.921m	4.104m#
Target Compounds						
2) A alpha-BHC	5.346	6.053	2199739	7664933	5.242	3.044 #
3) MA gamma-BHC...	5.768	6.443	1806918	7199096	4.308	3.041 #
4) MA Heptachlor	6.180	7.102	1950378	6766229	4.330	2.594 #
5) MB Aldrin	6.499	7.468	7866205	7349486	18.952m	3.129m#
6) B beta-BHC	6.149	6.680	764570	4230347	3.742	3.754
7) B delta-BHC	6.410	6.947	1334306	9841844	3.226m	4.030m
8) B Heptachlo...	7.080	7.925	1821582	70622315	4.247m	31.366m#
9) A Endosulfan I	7.486	8.322	1796548	9110428	4.381	4.628
10) B gamma-Chl...	7.344f	8.170f	25065448	134.2E6	57.150	60.178
11) B alpha-Chl...	7.421	8.278	7285745	8348342	16.492	3.878m#
12) B 4,4'-DDE	7.644	8.458	2192288	72820422	6.009	36.562 #
13) MA Dieldrin	7.781	8.614	39415851	19788240	91.756	9.868m#
14) MA Endrin	8.081f	8.849	8040760	159.2E6	19.793m	93.970m#
15) B Endosulfa...	8.367	9.070	24228782	7060262	58.785	4.064 #
16) A 4,4'-DDD	8.229	9.000	1508677	97634786	4.672	63.457m#
17) MA 4,4'-DDT	8.483	9.311	46615666	51081048	126.111m	28.816m#
18) B Endrin al...	8.547f	9.216	3508650	14372642	10.844m	11.128
19) B Endosulfa...	8.794	9.424f	1457666	4443820	3.414m	2.670m
20) A Methoxychlor	9.074	9.791	2006955	747074	8.084m	0.777m#
21) B Endrin ke...	9.313	9.953f	1109703	5564511	2.271	3.215m#
22) Mirex	9.499	10.409	1840686	15431447	3.947	11.203 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
Data File : PL074105.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2022 13:42
Operator : AR\AJ
Sample : N2349-15MSD 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

DEL-8MSD

Manual Integrations

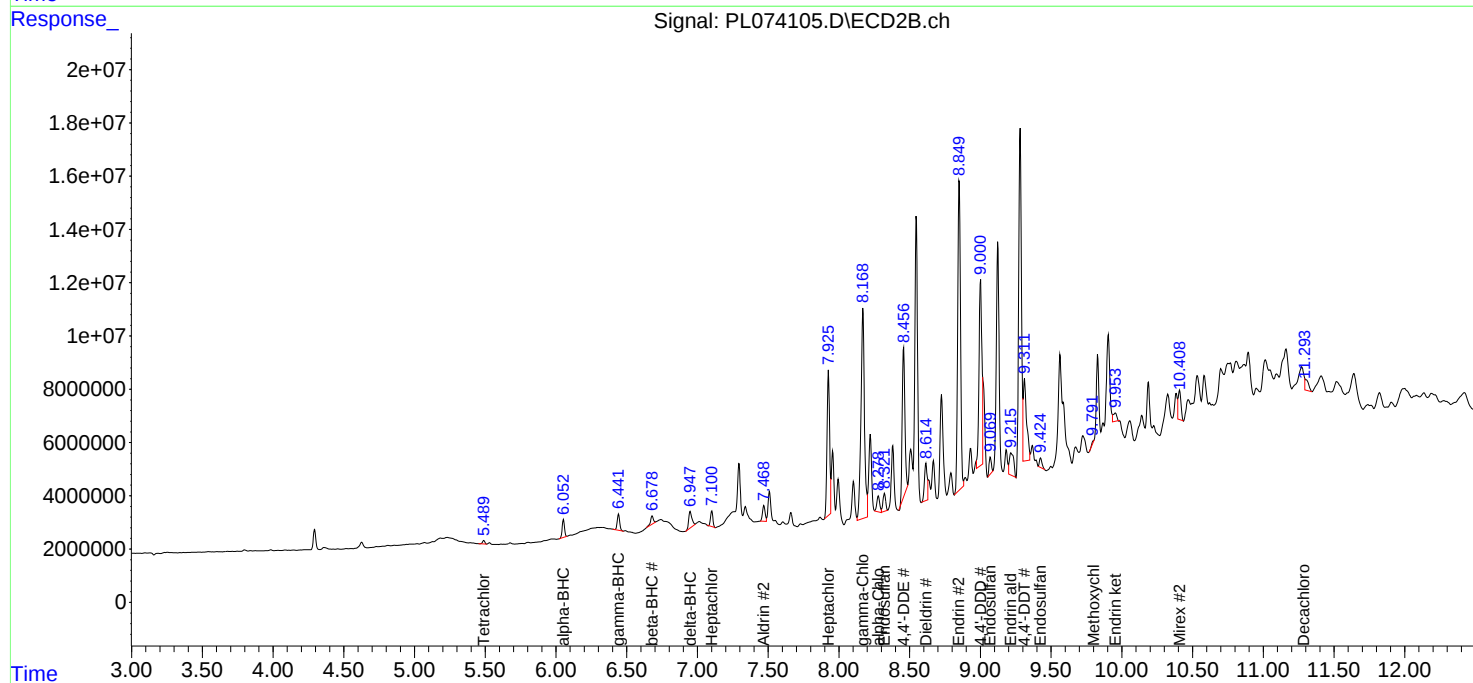
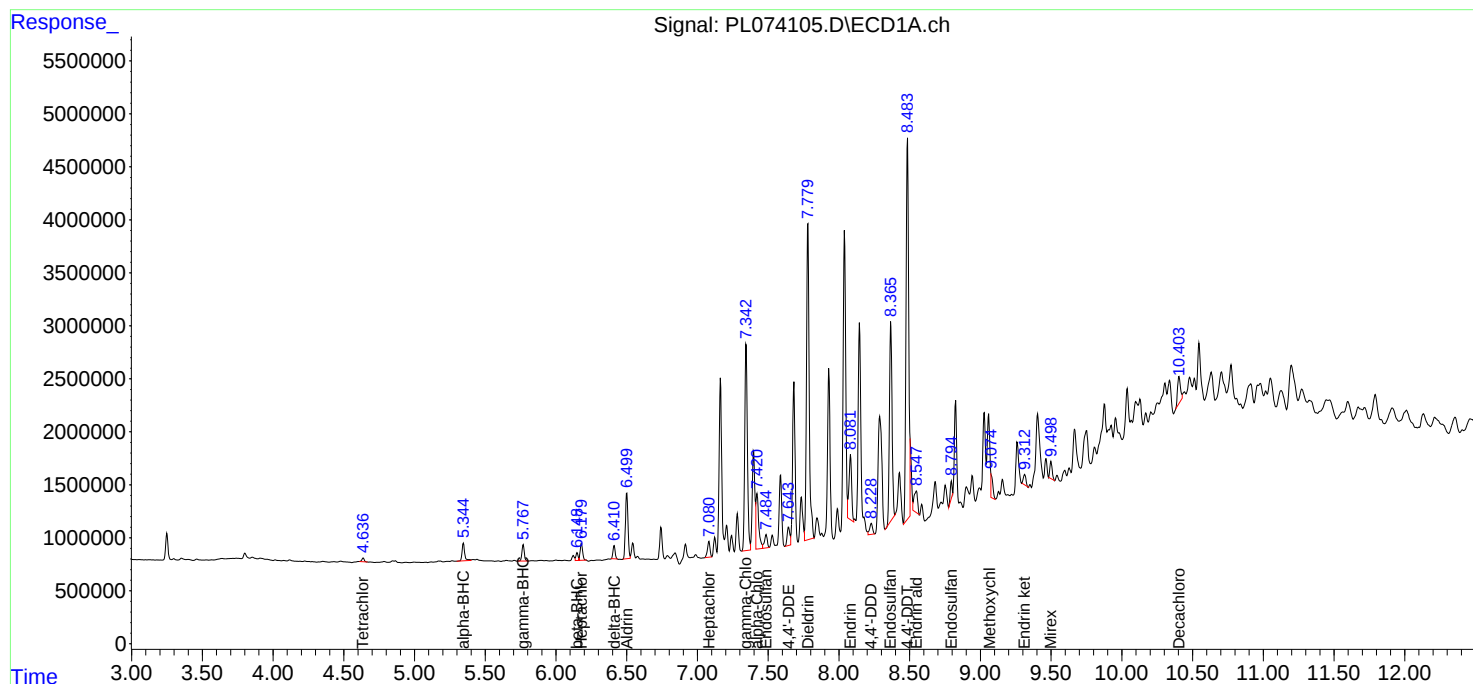
APPROVED

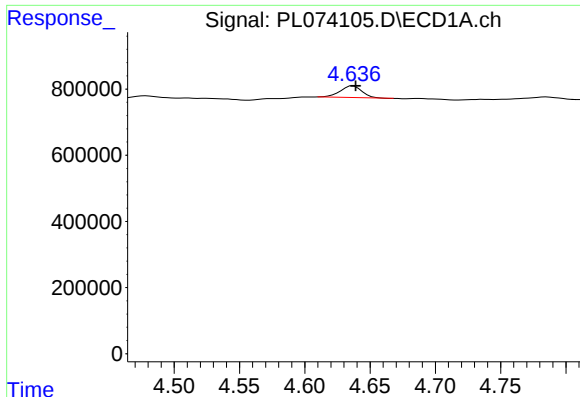
Reviewed By :Yogesh Patel 05/17/2022

Supervised By :mohammad ahmed 05/17/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 17:55:22 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
Quant Title : GC Extractables
QLast Update : Thu Apr 14 09:29:23 2022
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





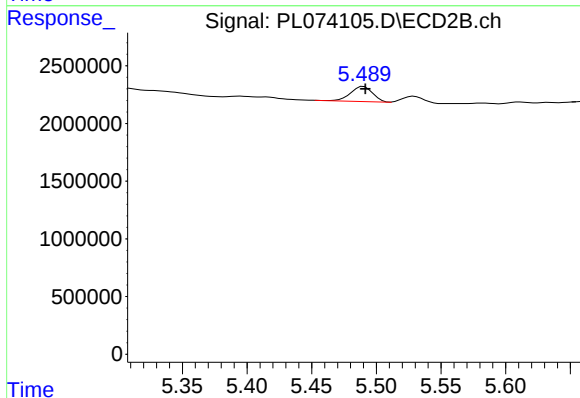
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 403489
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MSD

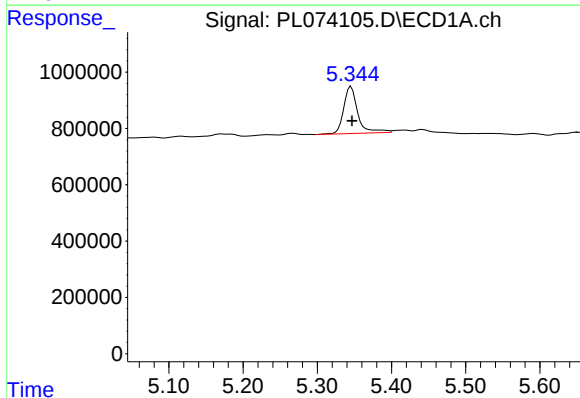
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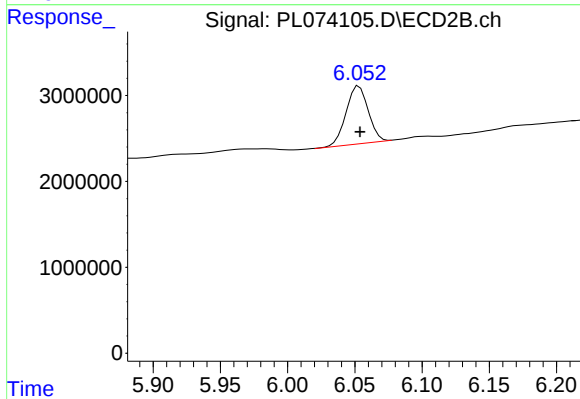
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 1548221
Conc: 0.87 ng/ml



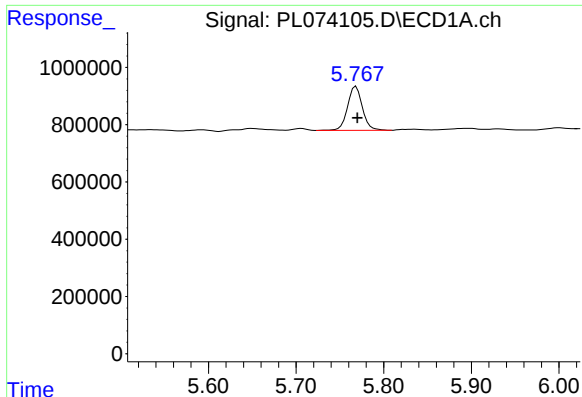
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 2199739
Conc: 5.24 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 7664933
Conc: 3.04 ng/ml



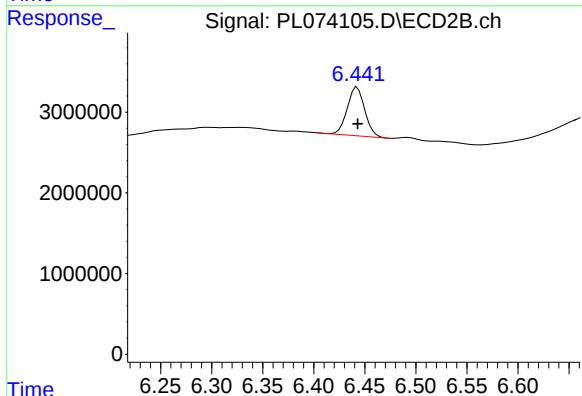
#3 gamma-BHC (Lindane)

R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 1806918
Conc: 4.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MSD

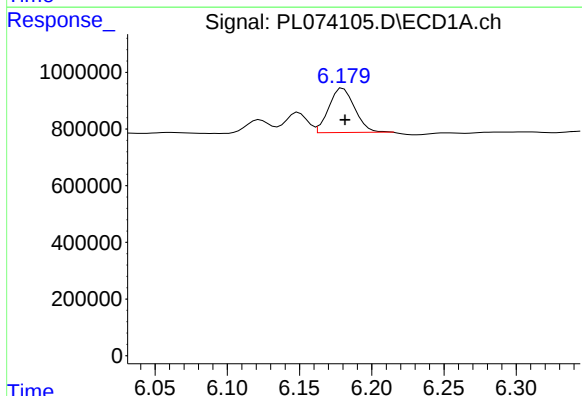
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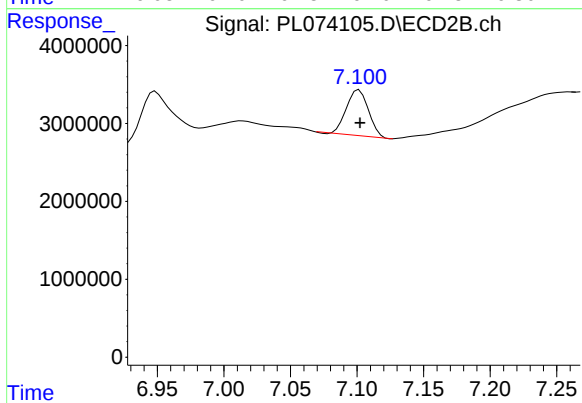
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 7199096
Conc: 3.04 ng/ml



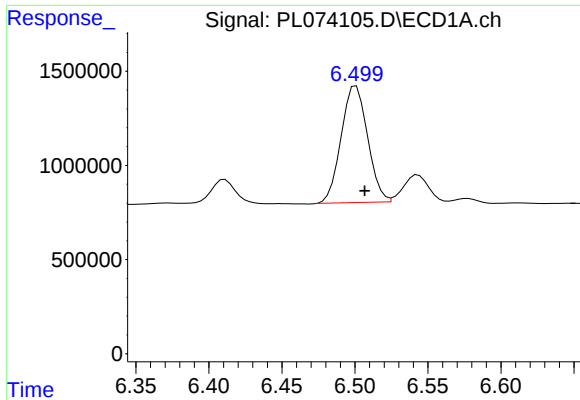
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 1950378
Conc: 4.33 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 6766229
Conc: 2.59 ng/ml



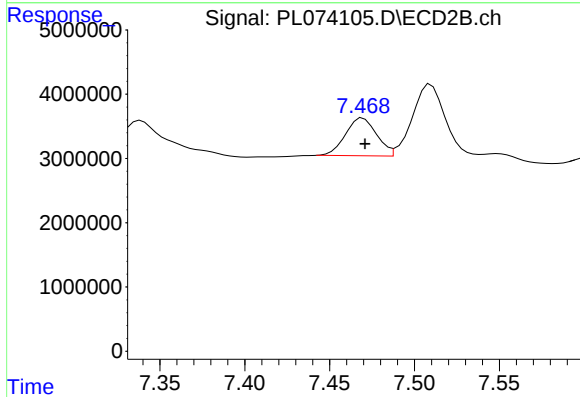
#5 Aldrin

R.T.: 6.499 min
Delta R.T.: -0.007 min
Response: 7866205
Conc: 18.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MSD

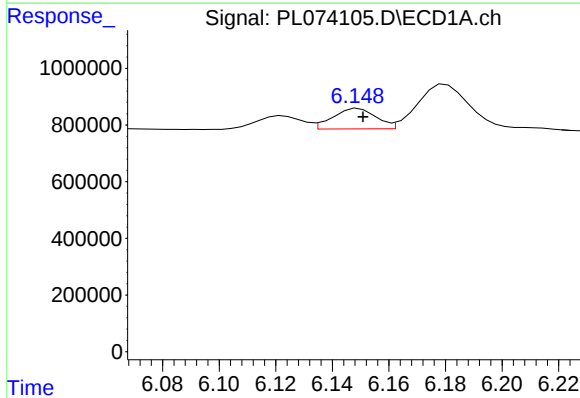
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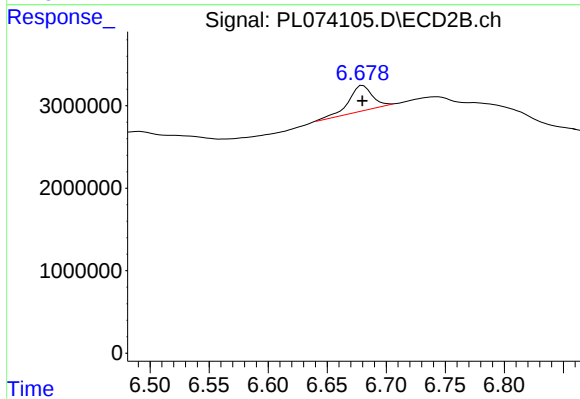
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 7349486
Conc: 3.13 ng/ml m



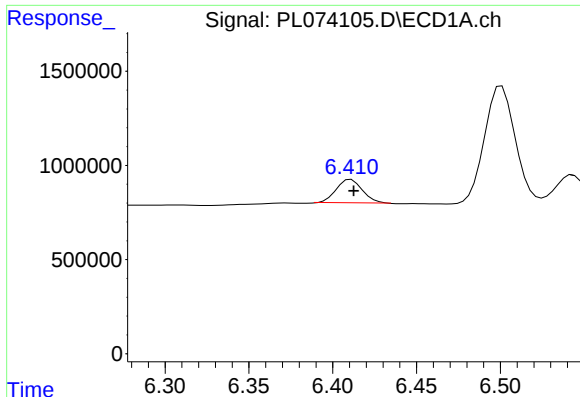
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.002 min
Response: 764570
Conc: 3.74 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 4230347
Conc: 3.75 ng/ml



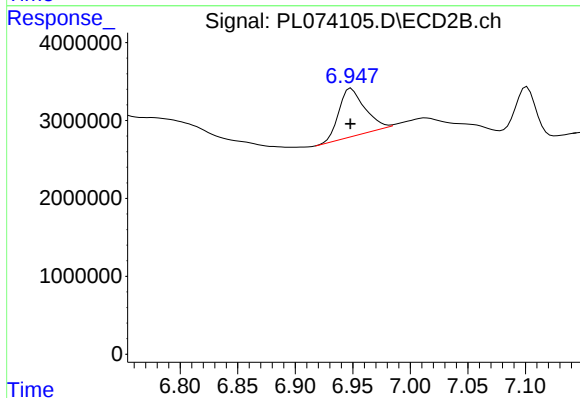
#7 delta-BHC

R.T.: 6.410 min
Delta R.T.: -0.003 min
Response: 1334306
Conc: 3.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MSD

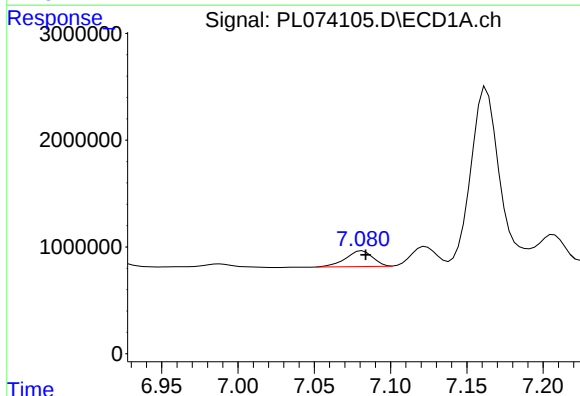
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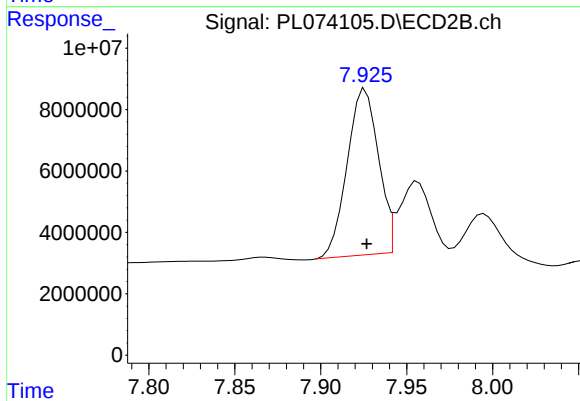
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 9841844
Conc: 4.03 ng/ml m



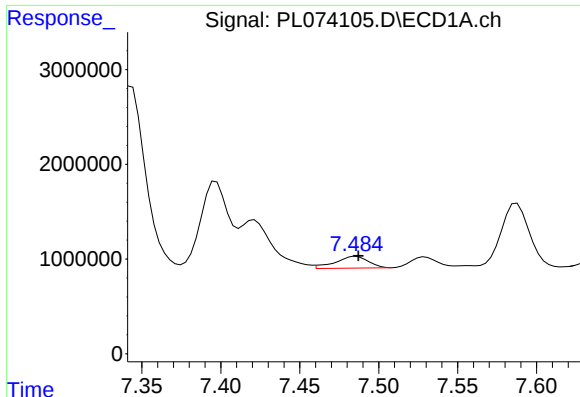
#8 Heptachlor epoxide

R.T.: 7.080 min
Delta R.T.: -0.004 min
Response: 1821582
Conc: 4.25 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 70622315
Conc: 31.37 ng/ml m



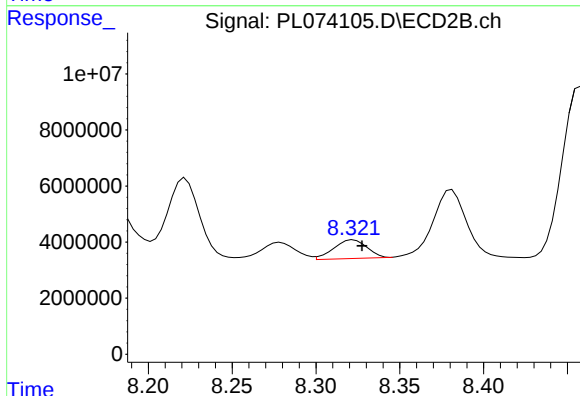
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 1796548
Conc: 4.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MSD

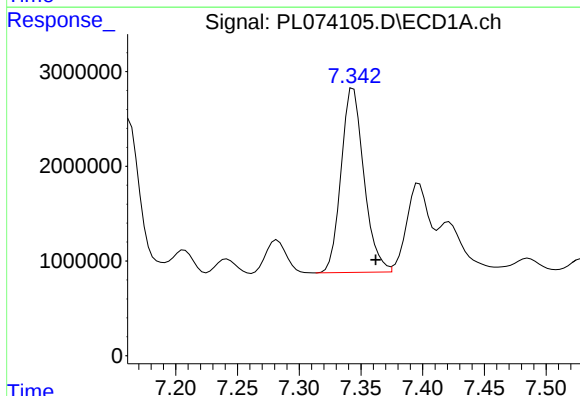
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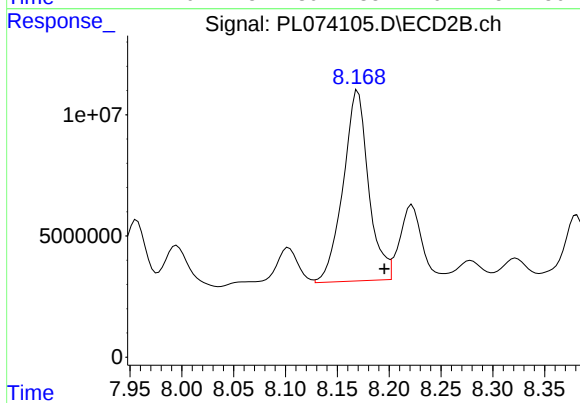
#9 Endosulfan I

R.T.: 8.322 min
Delta R.T.: -0.005 min
Response: 9110428
Conc: 4.63 ng/ml



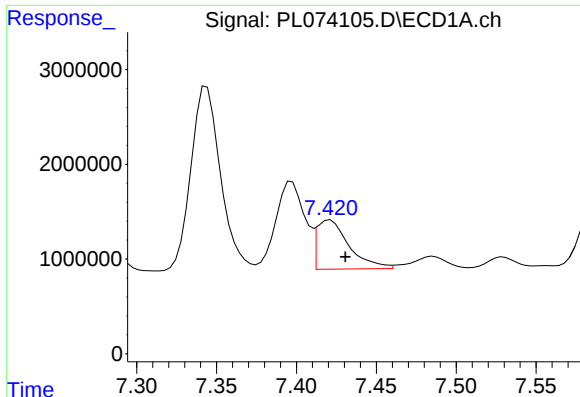
#10 gamma-Chlordane

R.T.: 7.344 min
Delta R.T.: -0.018 min
Response: 25065448
Conc: 57.15 ng/ml



#10 gamma-Chlordane

R.T.: 8.170 min
Delta R.T.: -0.026 min
Response: 134217650
Conc: 60.18 ng/ml



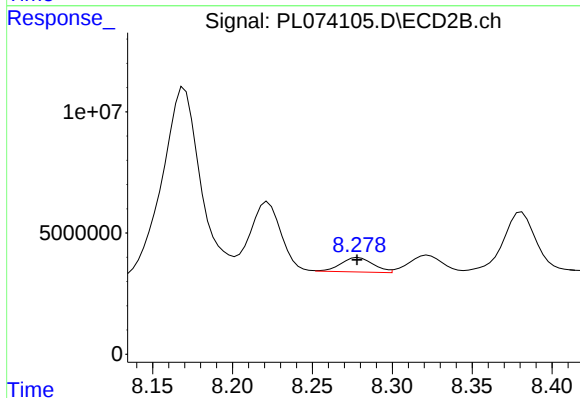
#11 alpha-Chlordane

R.T.: 7.421 min
Delta R.T.: -0.009 min
Response: 7285745
Conc: 16.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MSD

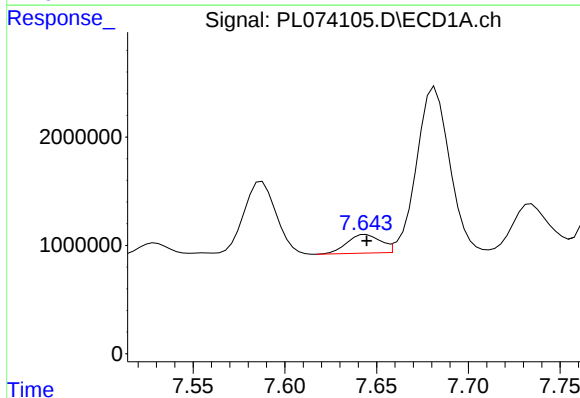
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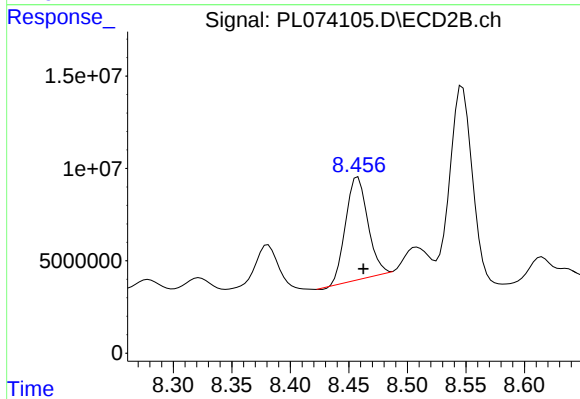
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 8348342
Conc: 3.88 ng/ml m



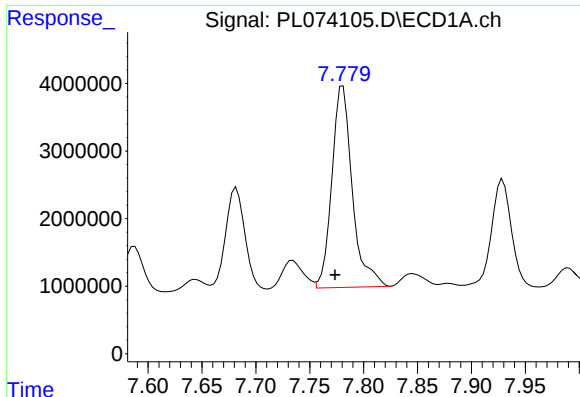
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 2192288
Conc: 6.01 ng/ml



#12 4,4'-DDE

R.T.: 8.458 min
Delta R.T.: -0.005 min
Response: 72820422
Conc: 36.56 ng/ml



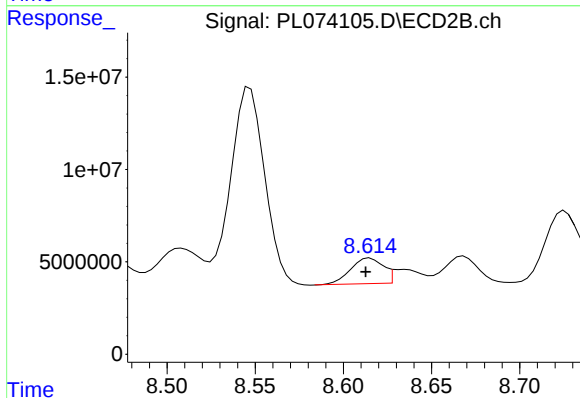
#13 Dieldrin

R.T.: 7.781 min
Delta R.T.: 0.007 min
Response: 39415851
Conc: 91.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MSD

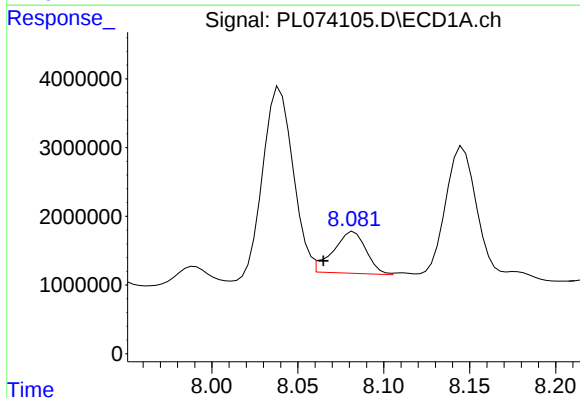
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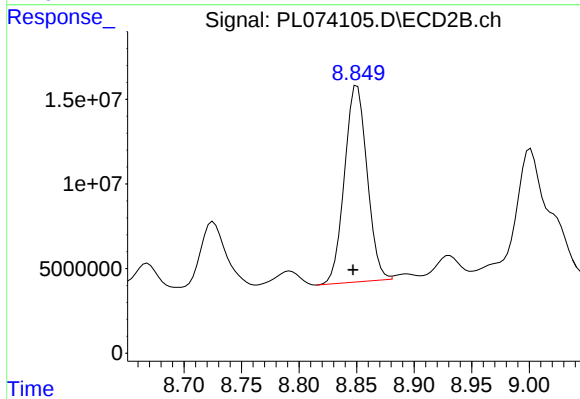
#13 Dieldrin

R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 19788240
Conc: 9.87 ng/ml m



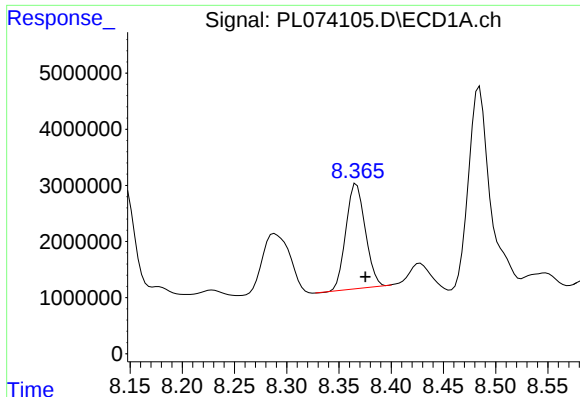
#14 Endrin

R.T.: 8.081 min
Delta R.T.: 0.016 min
Response: 8040760
Conc: 19.79 ng/ml m



#14 Endrin

R.T.: 8.849 min
Delta R.T.: 0.002 min
Response: 159153549
Conc: 93.97 ng/ml m



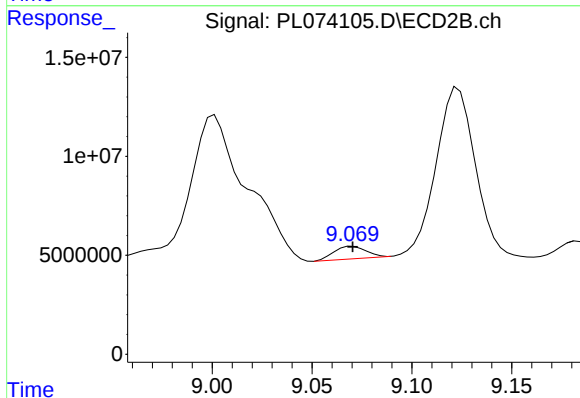
#15 Endosulfan II

R.T.: 8.367 min
Delta R.T.: -0.008 min
Response: 24228782
Conc: 58.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MSD

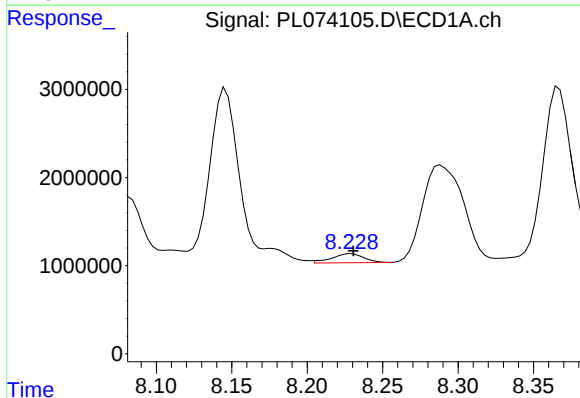
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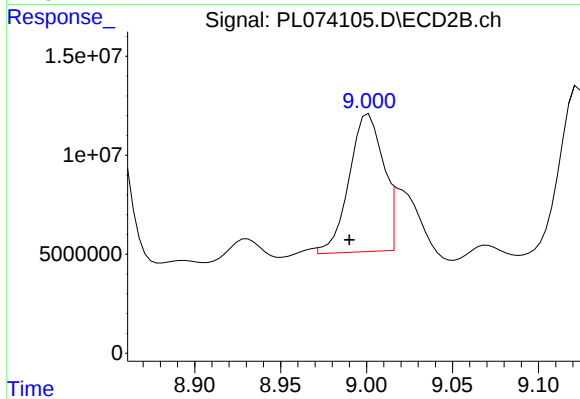
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 7060262
Conc: 4.06 ng/ml



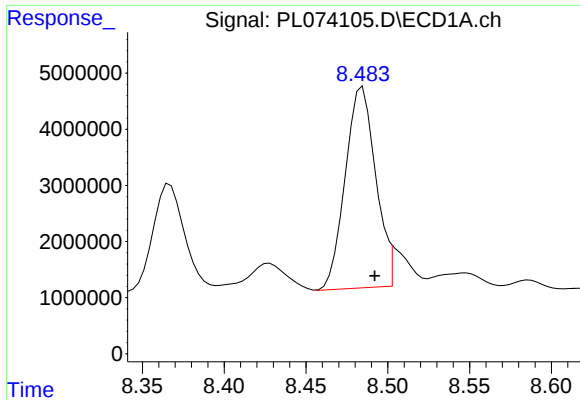
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 1508677
Conc: 4.67 ng/ml



#16 4,4'-DDD

R.T.: 9.000 min
Delta R.T.: 0.010 min
Response: 97634786
Conc: 63.46 ng/ml m



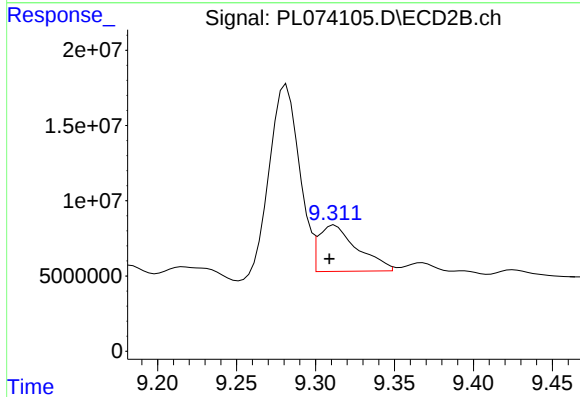
#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 46615666
Conc: 126.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MSD

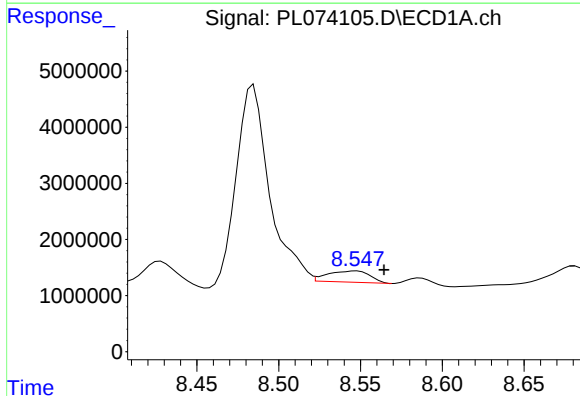
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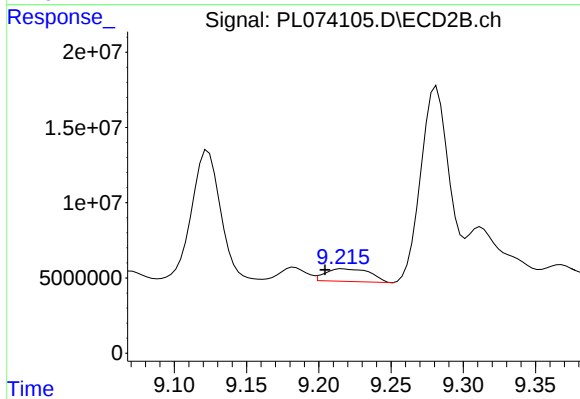
#17 4,4'-DDT

R.T.: 9.311 min
Delta R.T.: 0.002 min
Response: 51081048
Conc: 28.82 ng/ml m



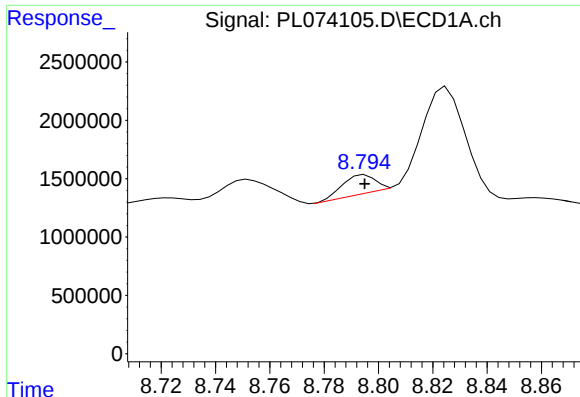
#18 Endrin aldehyde

R.T.: 8.547 min
Delta R.T.: -0.018 min
Response: 3508650
Conc: 10.84 ng/ml m



#18 Endrin aldehyde

R.T.: 9.216 min
Delta R.T.: 0.012 min
Response: 14372642
Conc: 11.13 ng/ml



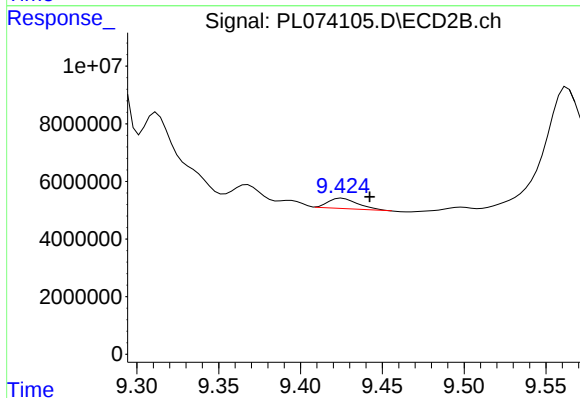
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: -0.001 min
Response: 1457666
Conc: 3.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MSD

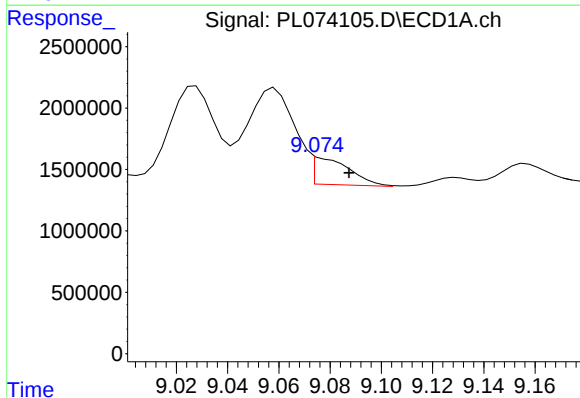
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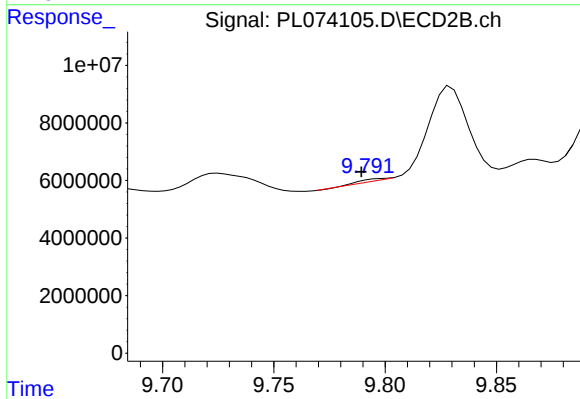
#19 Endosulfan Sulfate

R.T.: 9.424 min
Delta R.T.: -0.018 min
Response: 4443820
Conc: 2.67 ng/ml m



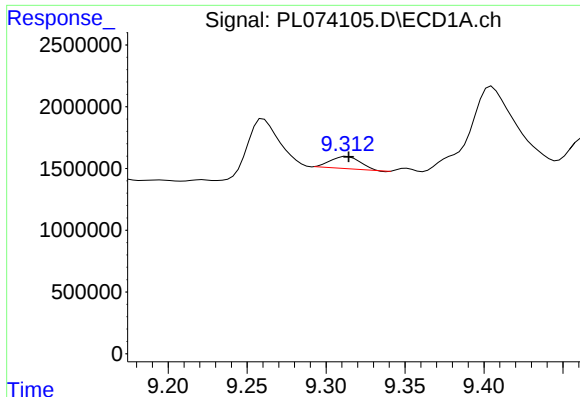
#20 Methoxychlor

R.T.: 9.074 min
Delta R.T.: -0.013 min
Response: 2006955
Conc: 8.08 ng/ml m



#20 Methoxychlor

R.T.: 9.791 min
Delta R.T.: 0.002 min
Response: 747074
Conc: 0.78 ng/ml m



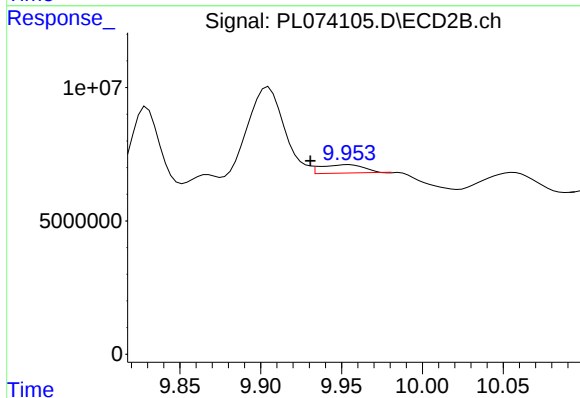
#21 Endrin ketone

R.T.: 9.313 min
Delta R.T.: 0.000 min
Response: 1109703
Conc: 2.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MSD

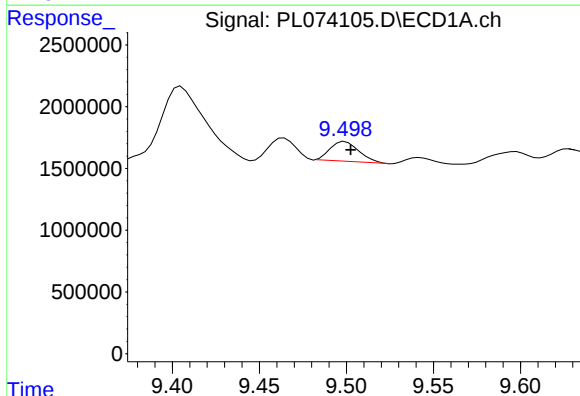
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/17/2022
Supervised By :mohammad ahmed 05/17/2022



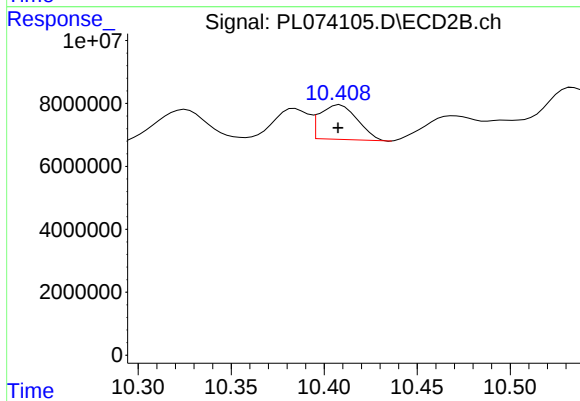
#21 Endrin ketone

R.T.: 9.953 min
Delta R.T.: 0.022 min
Response: 5564511
Conc: 3.21 ng/ml m



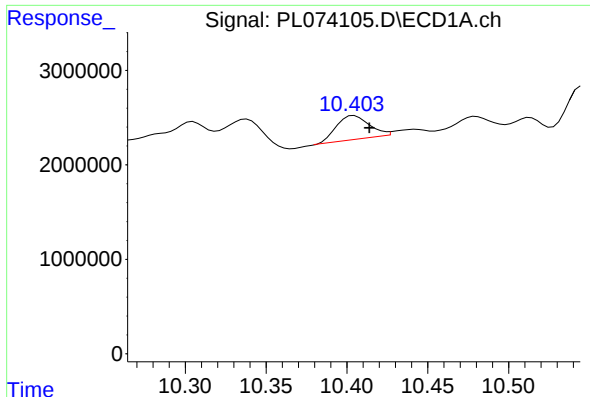
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.003 min
Response: 1840686
Conc: 3.95 ng/ml



#22 Mirex

R.T.: 10.409 min
Delta R.T.: 0.001 min
Response: 15431447
Conc: 11.20 ng/ml



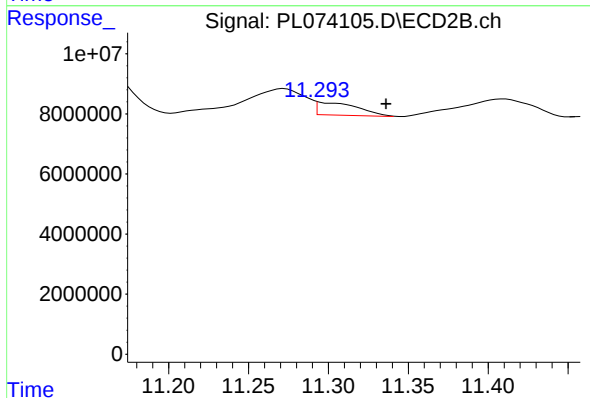
#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.011 min
Response: 3599158
Conc: 6.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MSD

Manual Integrations
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Reviewed By :Yogesh Patel 05/17/2022
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#28 Decachlorobiphenyl

R.T.: 11.293 min
Delta R.T.: -0.043 min
Response: 7249325
Conc: 4.10 ng/ml m