

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073837.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2022 01:17
 Operator : AR\AJ
 Sample : N2257-05MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/06/2022
 Supervised By : mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 02:28:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.640	5.492	5744225	28437032	17.935	17.326
2) SA Decachlor...	10.411	11.320	13545983	50631576	26.639m	28.315
Target Compounds						
2) A alpha-BHC	5.348	6.055	19876718	108.6E6	48.221	48.265
3) MA gamma-BHC...	5.771	6.443	23594243	99054801	56.562	46.394m
4) MA Heptachlor	6.183	7.103	19180957	98526306	42.511	42.050
5) MB Aldrin	6.508	7.472	18917329	94614359	45.786	45.162
6) B beta-BHC	6.152	6.681	9097411	43661196	44.185	41.886
7) B delta-BHC	6.414	6.949	19625882	98573802	48.863	45.772
8) B Heptachlo...	7.085	7.927	18524396	82279682	42.982	41.195
9) A Endosulfan I	7.489	8.328	14577057	75424460	35.535	41.320
10) B gamma-Chl...	7.361	8.195	20714512	105.3E6	47.369m	51.566m
11) B alpha-Chl...	7.432	8.279	20432033	94172285	46.233	47.086
12) B 4,4'-DDE	7.646	8.462	17275184	70798546	48.142	39.500m
13) MA Dieldrin	7.776	8.613	27137761	85213956	65.137	46.193m#
14) MA Endrin	8.065	8.848	19054170	68161895	49.108	44.278
15) B Endosulfa...	8.377	9.072	18600509	62008120	47.587	40.374
16) A 4,4'-DDD	8.231	8.990	22476594	75094005	69.214m	51.444 #
17) MA 4,4'-DDT	8.492	9.308	18363586	70081711	48.557	42.876m
18) B Endrin al...	8.565	9.204	13559648	54730831	42.877	44.630
19) B Endosulfa...	8.796	9.442	18514484	62928485	43.829	39.927
20) A Methoxychlor	9.088	9.788	9549366	38328464	37.224m	42.536m
21) B Endrin ke...	9.314	9.930	18493318	65383425	37.801	39.612
22) Mirex	9.501	10.405	16798412	80796020	35.623m	59.476m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073837.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2022 01:17
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 Sample : N2257-05MSD
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Instrument :

ECD_L

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Manual Integrations

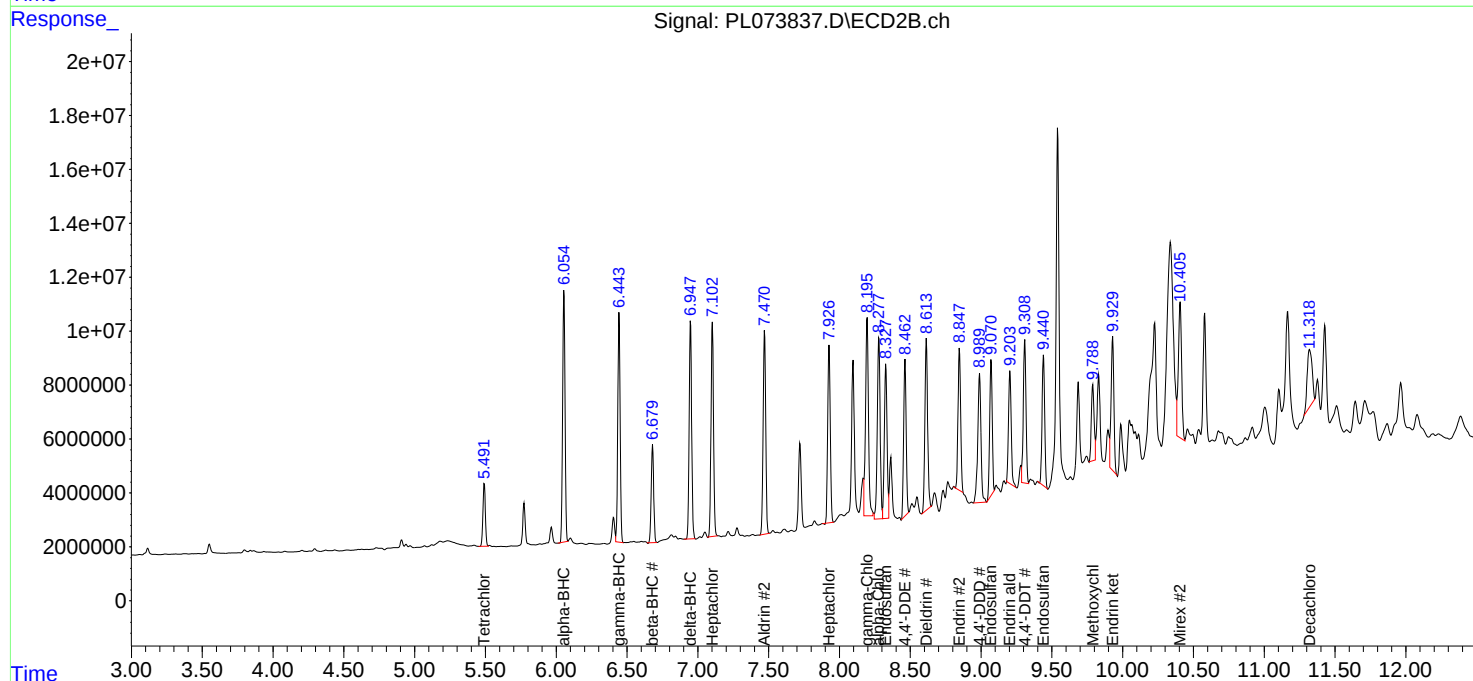
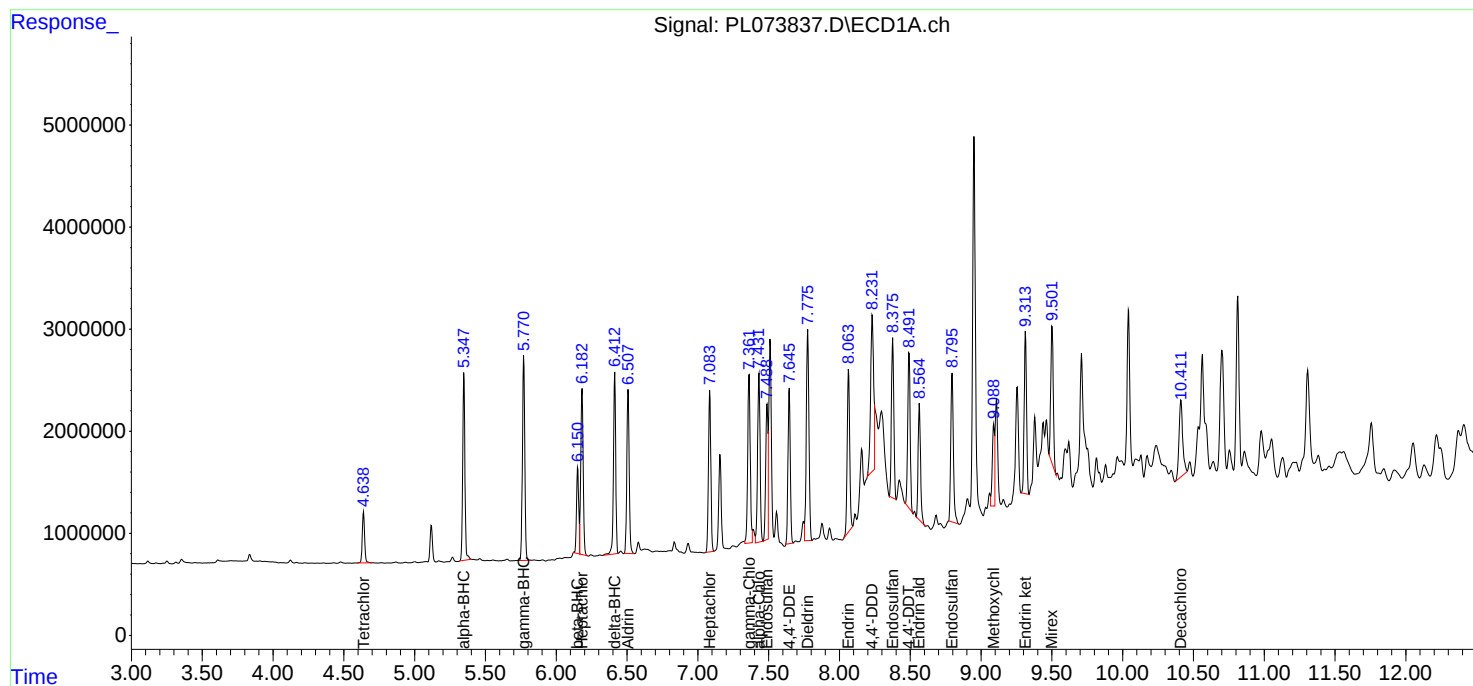
APPROVED

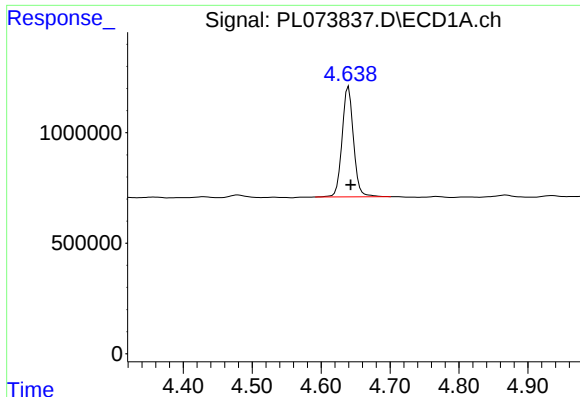
Reviewed By :Abdul Mirza 04/06/2022

Supervised By :mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 02:28:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





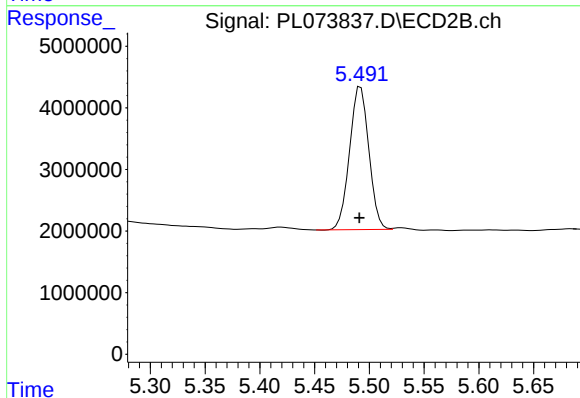
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 5744225
Conc: 17.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

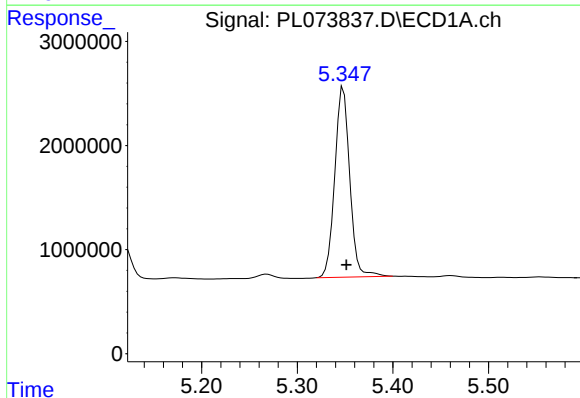
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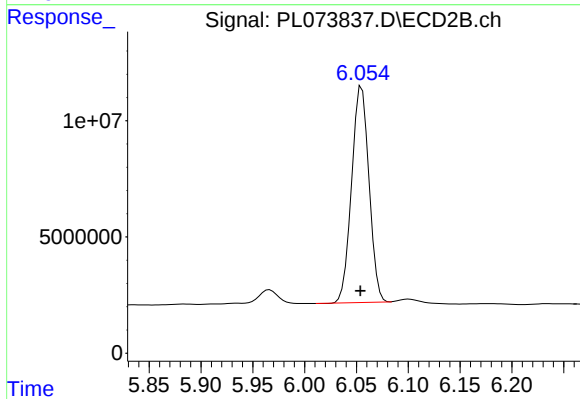
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.001 min
Response: 28437032
Conc: 17.33 ng/ml



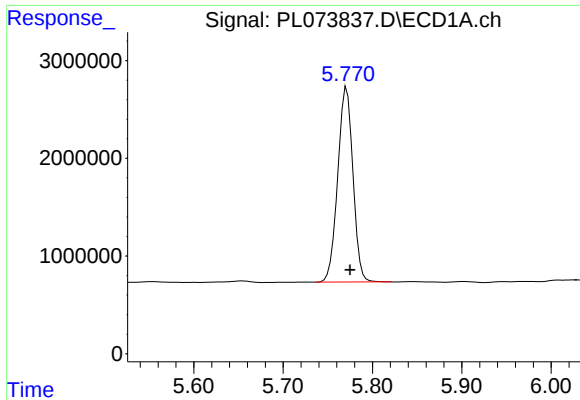
#2 alpha-BHC

R.T.: 5.348 min
Delta R.T.: -0.003 min
Response: 19876718
Conc: 48.22 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 108579176
Conc: 48.26 ng/ml



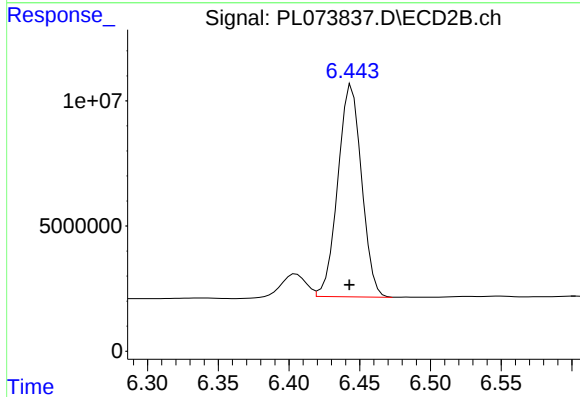
#3 gamma-BHC (Lindane)

R.T.: 5.771 min
Delta R.T.: -0.004 min
Response: 23594243
Conc: 56.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

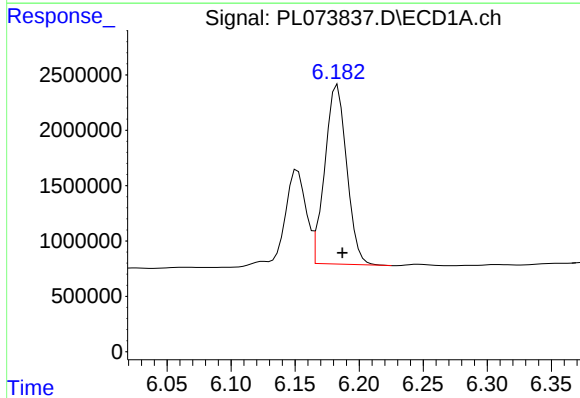
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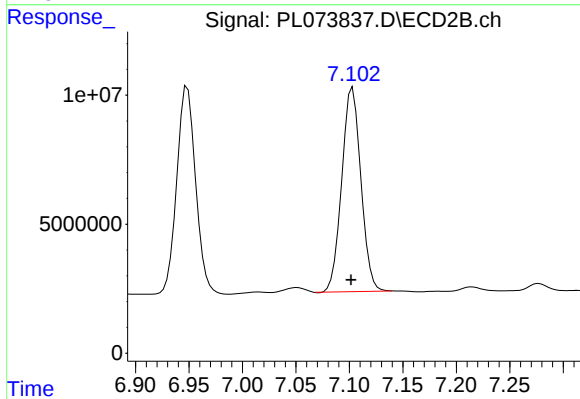
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 99054801
Conc: 46.39 ng/ml m



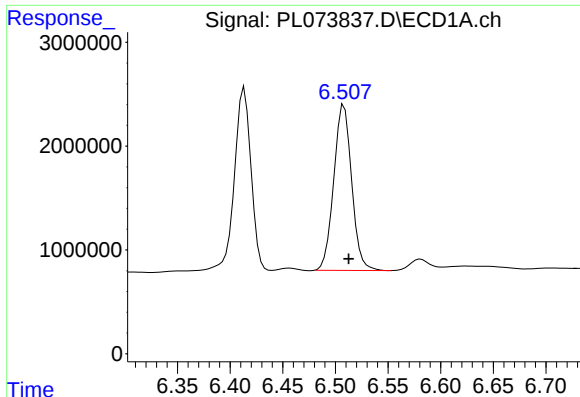
#4 Heptachlor

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 19180957
Conc: 42.51 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.002 min
Response: 98526306
Conc: 42.05 ng/ml



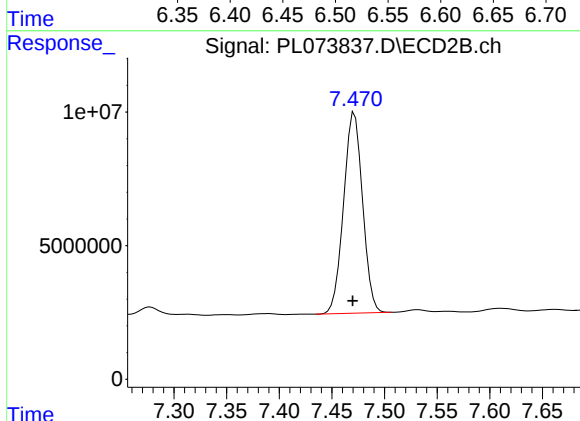
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.004 min
Response: 18917329
Conc: 45.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

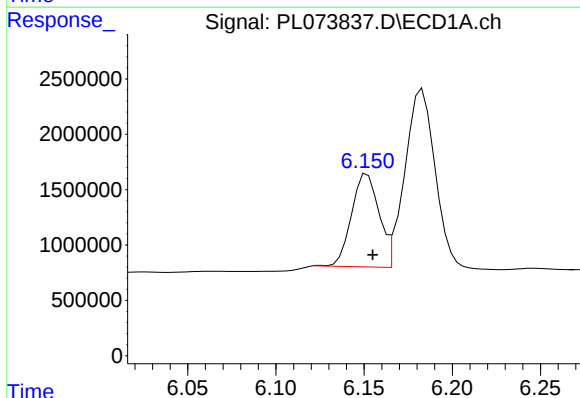
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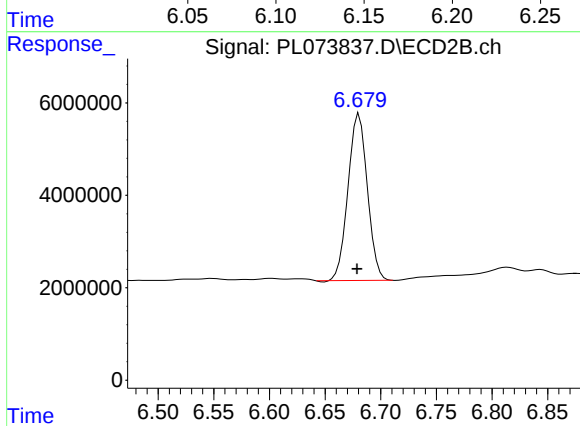
#5 Aldrin

R.T.: 7.472 min
Delta R.T.: 0.002 min
Response: 94614359
Conc: 45.16 ng/ml



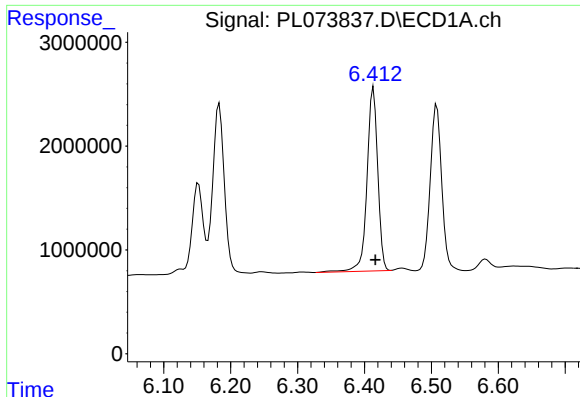
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.003 min
Response: 9097411
Conc: 44.18 ng/ml



#6 beta-BHC

R.T.: 6.681 min
Delta R.T.: 0.002 min
Response: 43661196
Conc: 41.89 ng/ml



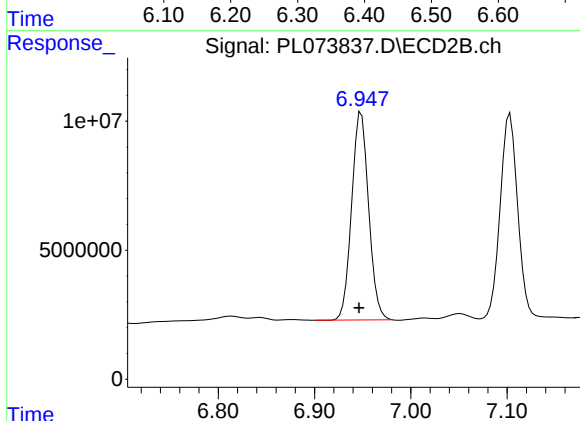
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.003 min
Response: 19625882
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

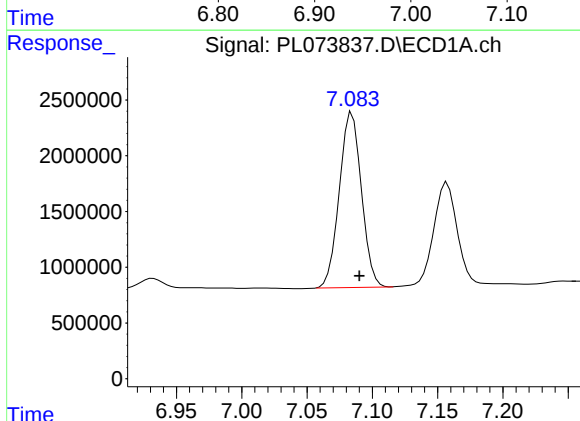
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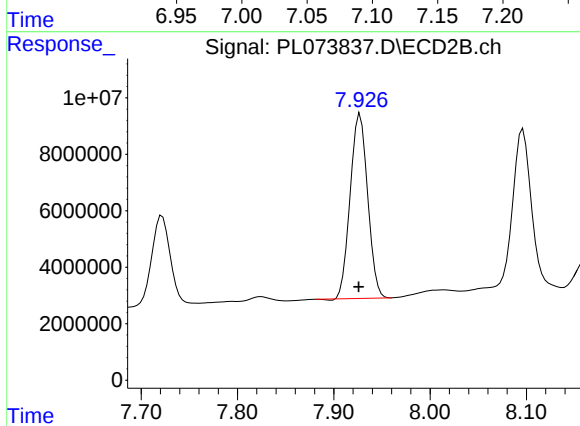
#7 delta-BHC

R.T.: 6.949 min
Delta R.T.: 0.002 min
Response: 98573802
Conc: 45.77 ng/ml



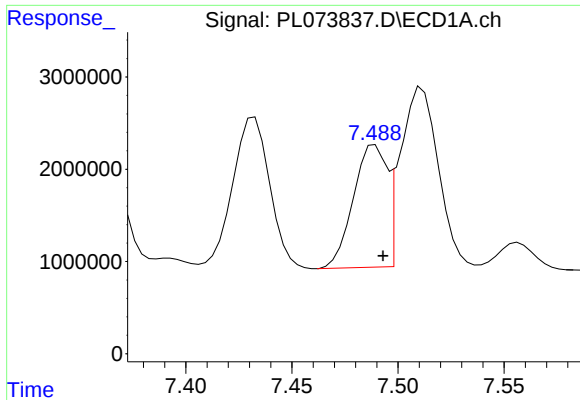
#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: -0.006 min
Response: 18524396
Conc: 42.98 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 82279682
Conc: 41.20 ng/ml



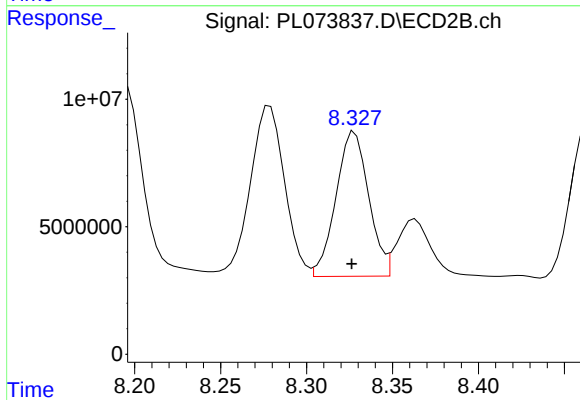
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 14577057
Conc: 35.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

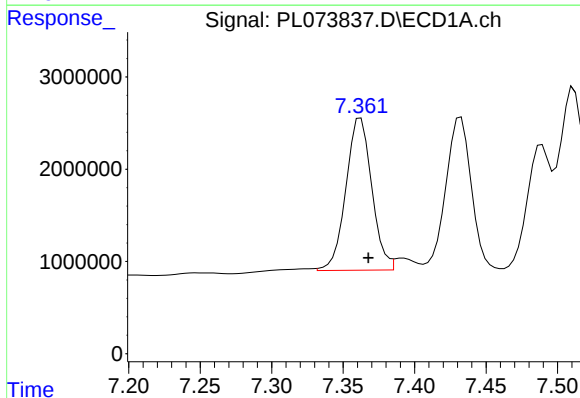
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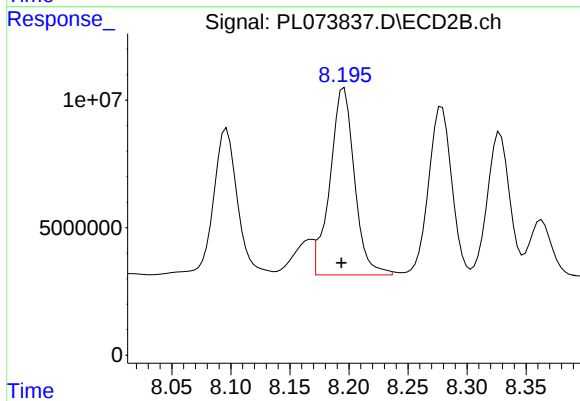
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.002 min
Response: 75424460
Conc: 41.32 ng/ml



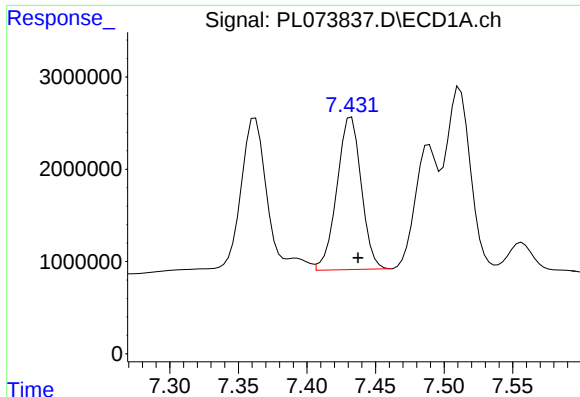
#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: -0.007 min
Response: 20714512
Conc: 47.37 ng/ml m



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 105319733
Conc: 51.57 ng/ml m



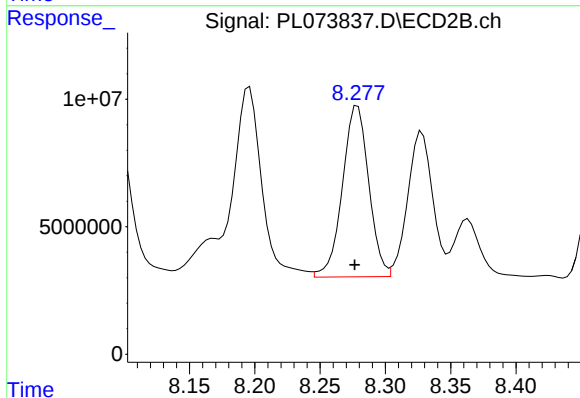
#11 alpha-Chlordane

R.T.: 7.432 min
Delta R.T.: -0.005 min
Response: 20432033
Conc: 46.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

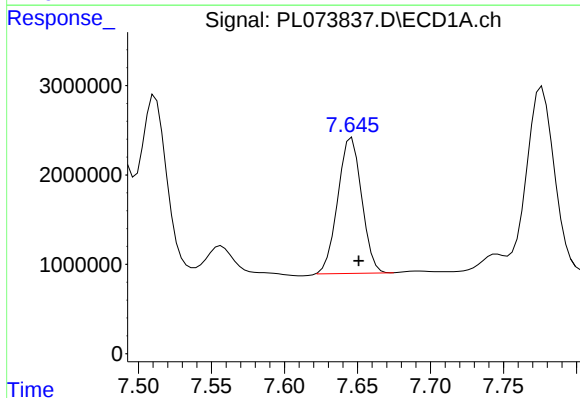
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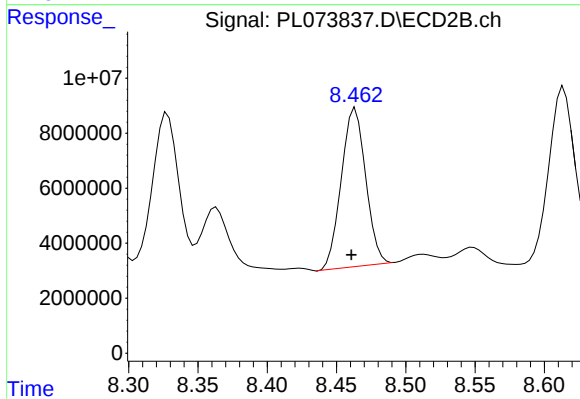
#11 alpha-Chlordane

R.T.: 8.279 min
Delta R.T.: 0.002 min
Response: 94172285
Conc: 47.09 ng/ml



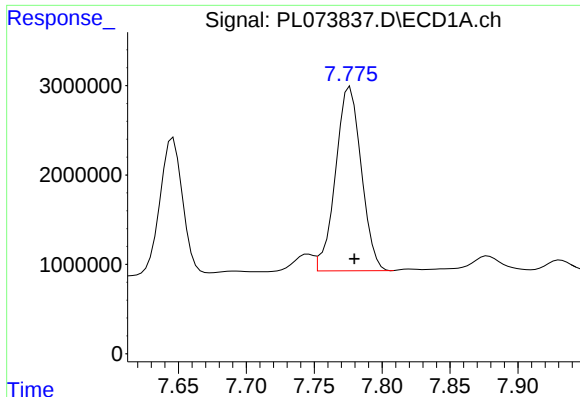
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 17275184
Conc: 48.14 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 70798546
Conc: 39.50 ng/ml m



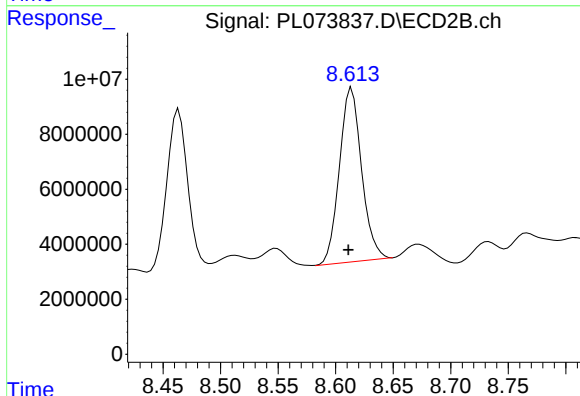
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.003 min
Response: 27137761
Conc: 65.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

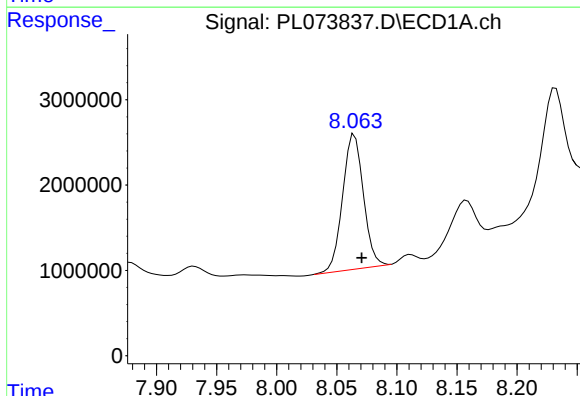
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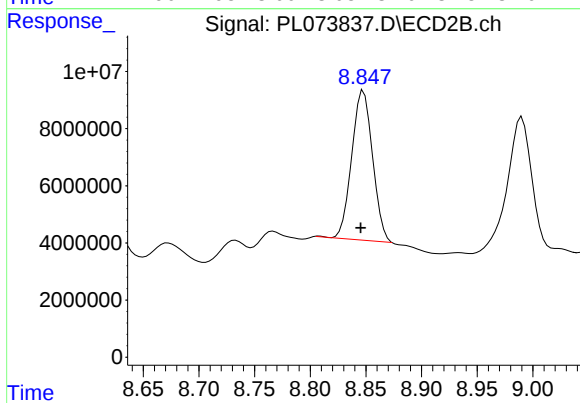
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.001 min
Response: 85213956
Conc: 46.19 ng/ml m



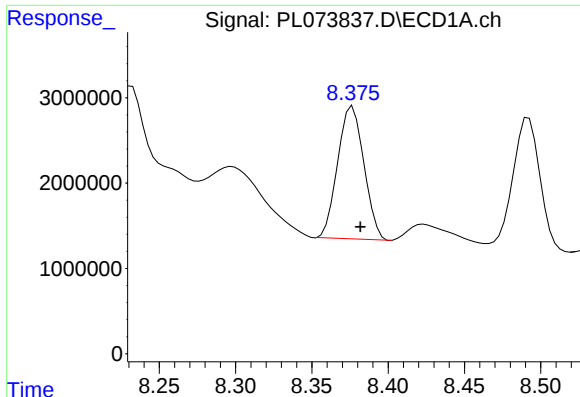
#14 Endrin

R.T.: 8.065 min
Delta R.T.: -0.006 min
Response: 19054170
Conc: 49.11 ng/ml



#14 Endrin

R.T.: 8.848 min
Delta R.T.: 0.002 min
Response: 68161895
Conc: 44.28 ng/ml



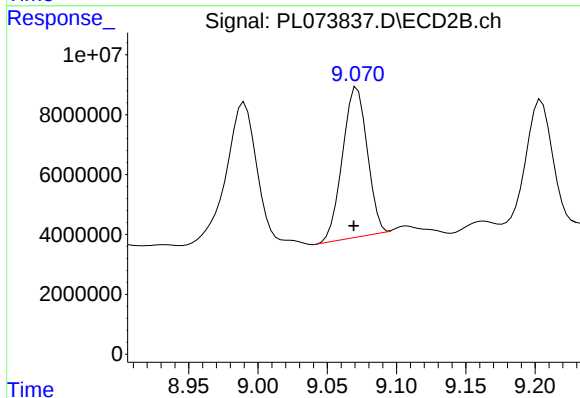
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: -0.005 min
Response: 18600509
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

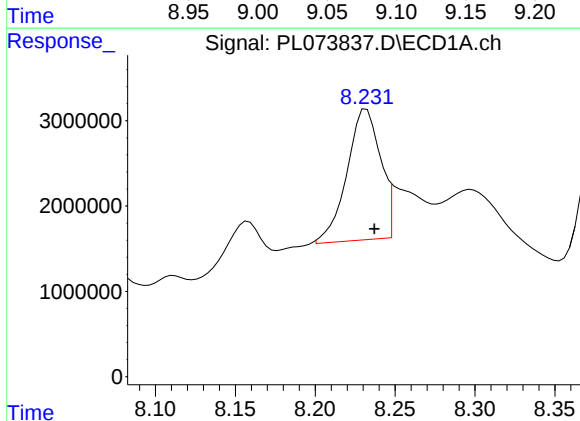
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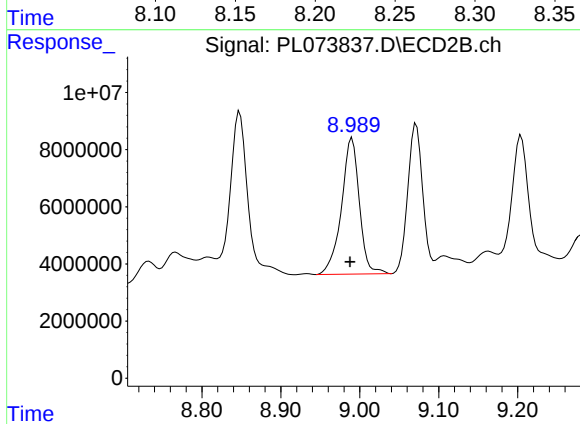
#15 Endosulfan II

R.T.: 9.072 min
Delta R.T.: 0.002 min
Response: 62008120
Conc: 40.37 ng/ml



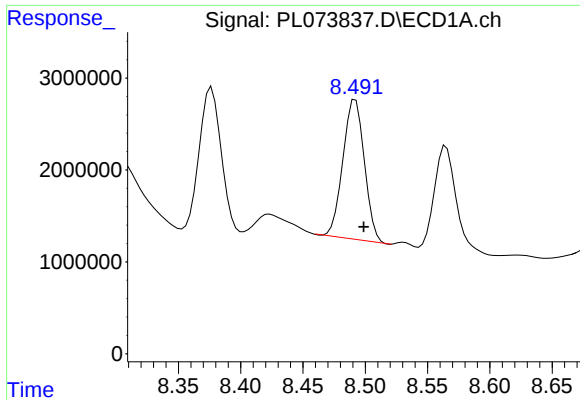
#16 4,4'-DDD

R.T.: 8.231 min
Delta R.T.: -0.006 min
Response: 22476594
Conc: 69.21 ng/ml m



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 75094005
Conc: 51.44 ng/ml



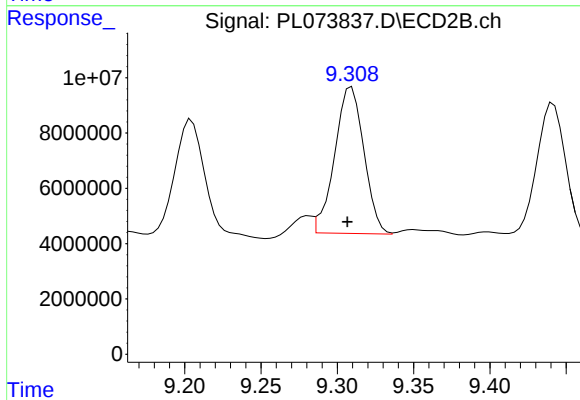
#17 4,4'-DDT

R.T.: 8.492 min
Delta R.T.: -0.007 min
Response: 18363586
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

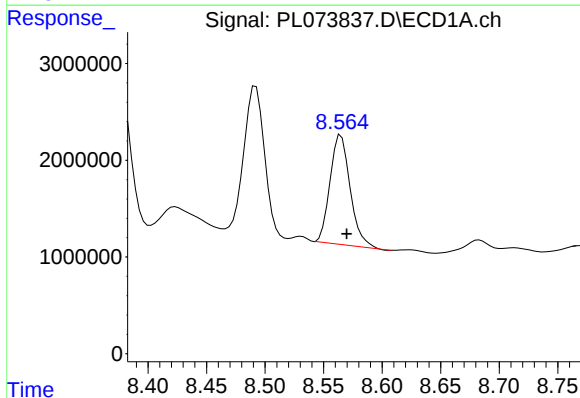
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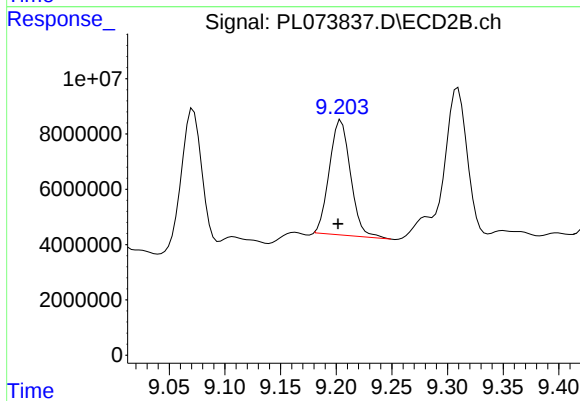
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 70081711
Conc: 42.88 ng/ml m



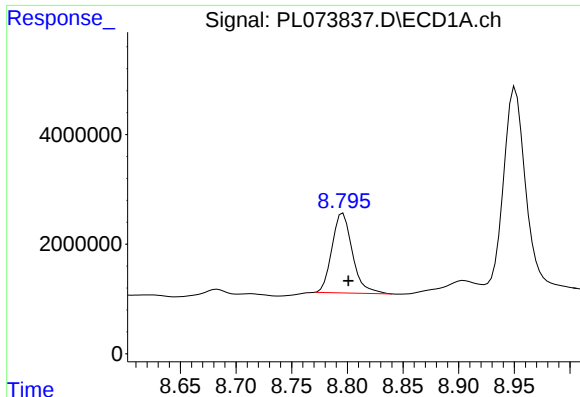
#18 Endrin aldehyde

R.T.: 8.565 min
Delta R.T.: -0.005 min
Response: 13559648
Conc: 42.88 ng/ml



#18 Endrin aldehyde

R.T.: 9.204 min
Delta R.T.: 0.003 min
Response: 54730831
Conc: 44.63 ng/ml



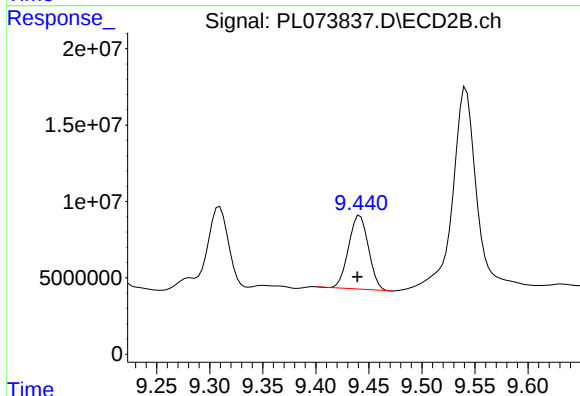
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 18514484
Conc: 43.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

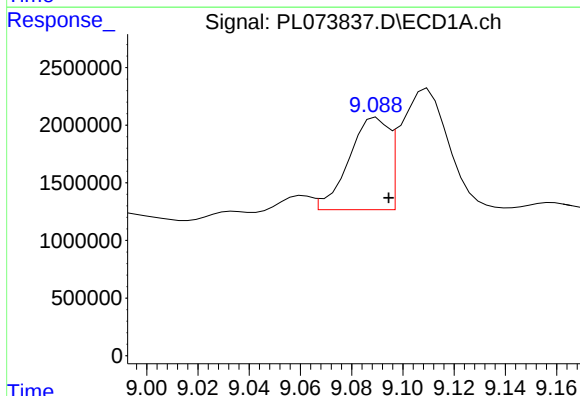
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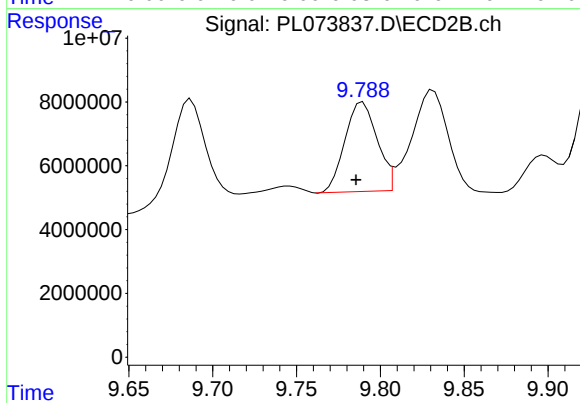
#19 Endosulfan Sulfate

R.T.: 9.442 min
Delta R.T.: 0.002 min
Response: 62928485
Conc: 39.93 ng/ml



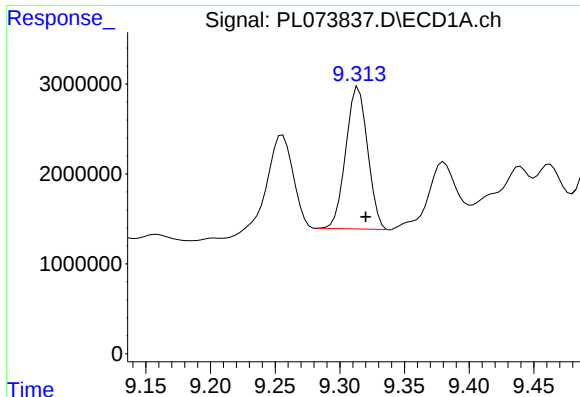
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: -0.006 min
Response: 9549366
Conc: 37.22 ng/ml m



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: 0.003 min
Response: 38328464
Conc: 42.54 ng/ml m



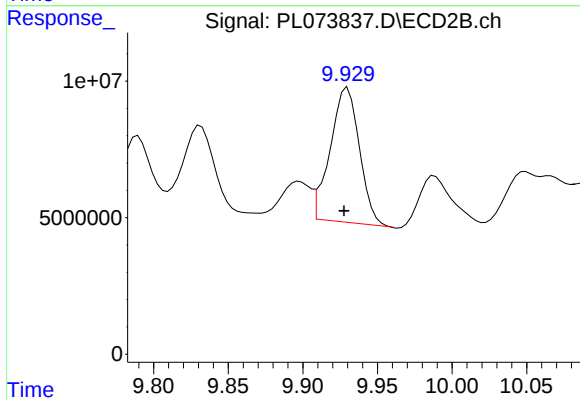
#21 Endrin ketone

R.T.: 9.314 min
Delta R.T.: -0.006 min
Response: 18493318
Conc: 37.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

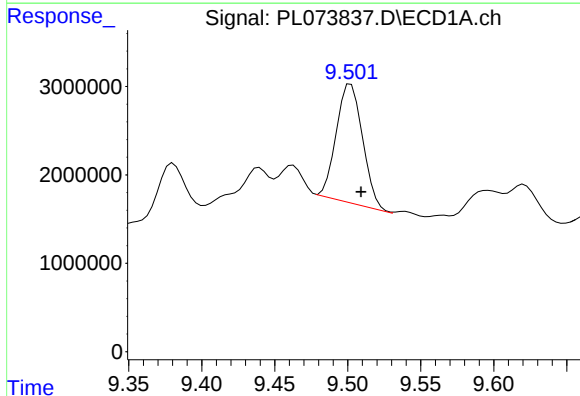
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



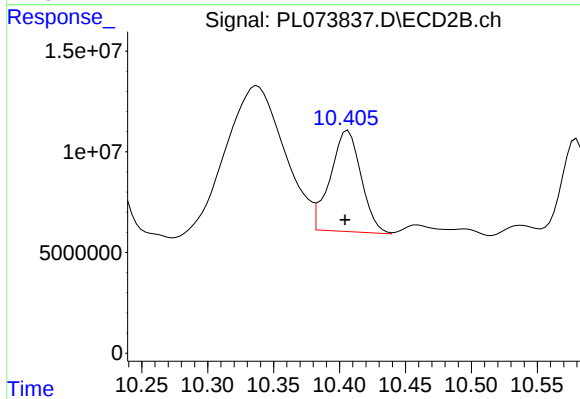
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.002 min
Response: 65383425
Conc: 39.61 ng/ml



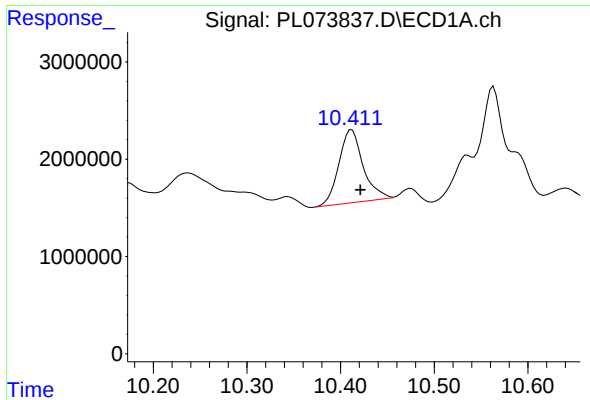
#22 Mirex

R.T.: 9.501 min
Delta R.T.: -0.008 min
Response: 16798412
Conc: 35.62 ng/ml m



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 80796020
Conc: 59.48 ng/ml m



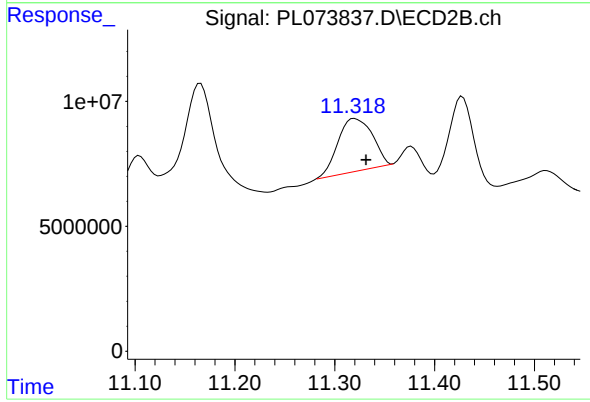
#28 Decachlorobiphenyl

R.T.: 10.411 min
Delta R.T.: -0.010 min
Response: 13545983
Conc: 26.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.320 min
Delta R.T.: -0.011 min
Response: 50631576
Conc: 28.31 ng/ml