

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020822\
 Data File : PL072533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2022 17:00
 Operator : AR\AJ
 Sample : N1400-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 KTSI-WC-S-MH-01-02-0-15MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/09/2022
 Supervised By :Ankita Jodhani 02/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 05:49:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 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...	4.562	5.492	9457309	33713024	19.641	19.517
28) SA Decachlor...	10.321	11.388	14509116	30649257	19.165	19.328
Target Compounds						
2) A alpha-BHC	5.269	6.075	34902909	131.9E6	52.935	55.094
3) MA gamma-BHC...	5.691	6.470	34193142	130.4E6	54.406	56.631
4) MA Heptachlor	6.095	7.116	37949388	125.3E6	51.990m	55.040
5) MB Aldrin	6.420	7.486	35392025	118.5E6	54.816	55.443
6) B beta-BHC	6.077	6.730	14691710	56431065	59.291m	55.356
7) B delta-BHC	6.334	6.995	35142201	121.1E6	53.075	52.850m
8) B Heptachlo...	6.998	7.954	34587264	106.9E6	54.861	55.402
9) A Endosulfan I	7.400	8.360	32743109	97885214	55.966	55.951
10) B gamma-Chl...	7.275	8.225	35341638	107.6E6	55.791	55.654
11) B alpha-Chl...	7.344	8.305	35466931	105.8E6	55.697	55.689
12) B 4,4'-DDE	7.559	8.495	34487652	104.9E6	56.750	56.145
13) MA Dieldrin	7.686	8.649	35439814	106.3E6	56.120	57.045
14) MA Endrin	7.977	8.888	33526462	90899159	57.231	57.690
15) B Endosulfa...	8.290	9.124	33296556	92729013	54.728	55.152
16) A 4,4'-DDD	8.146	9.036	28027301	81780894	58.257	59.099
17) MA 4,4'-DDT	8.406	9.353	30374868	86550443	56.450	56.538
18) B Endrin al...	8.478	9.259	27780862	74611698	63.734	66.293
19) B Endosulfa...	8.709	9.497	32574798	84269015	54.738	56.330
20) A Methoxychlor	9.001	9.841	19040278	45892297	54.150	56.681
21) B Endrin ke...	9.227	9.994	38601882	91347840	56.167	57.333
22) Mirex	9.409	10.457	35597116	73853533	60.004	62.913

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020822\
 Data File : PL072533.D
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 Acq On : 08 Feb 2022 17:00
 Operator : AR\AJ
 Sample : N1400-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

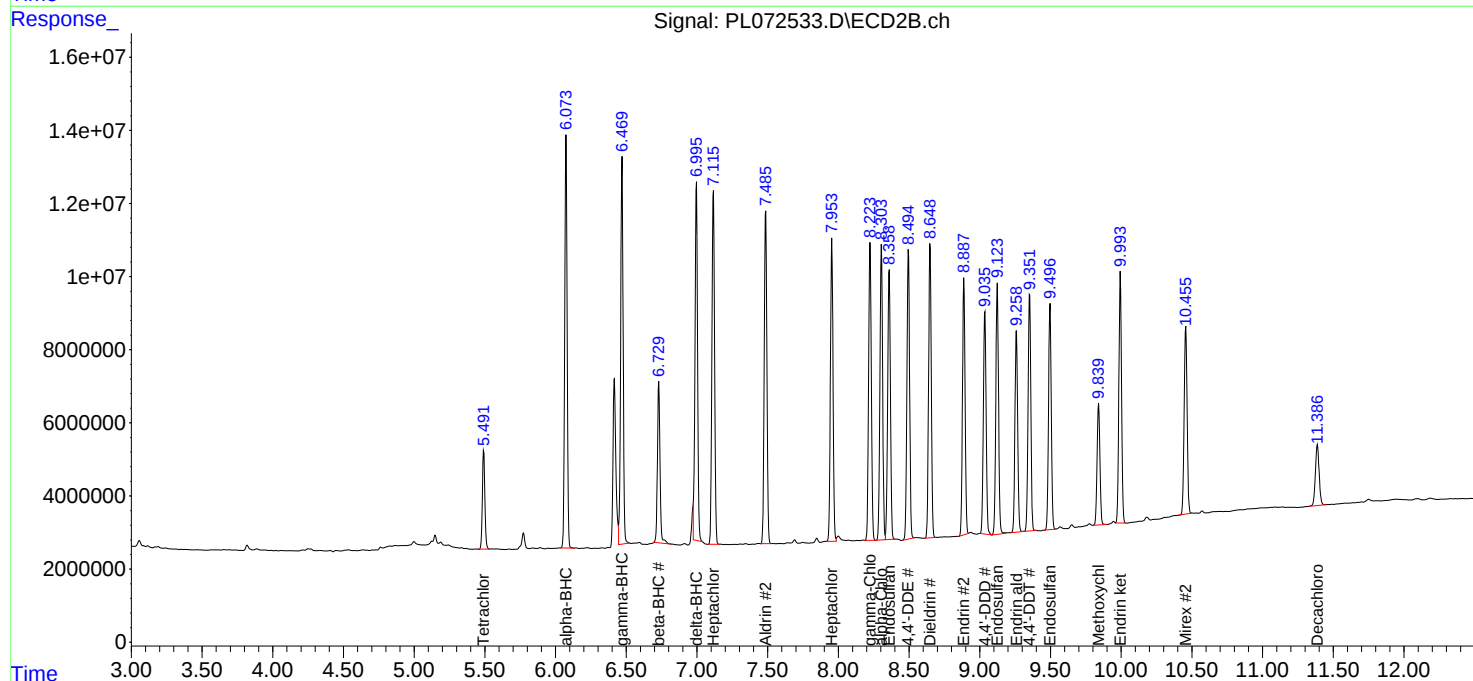
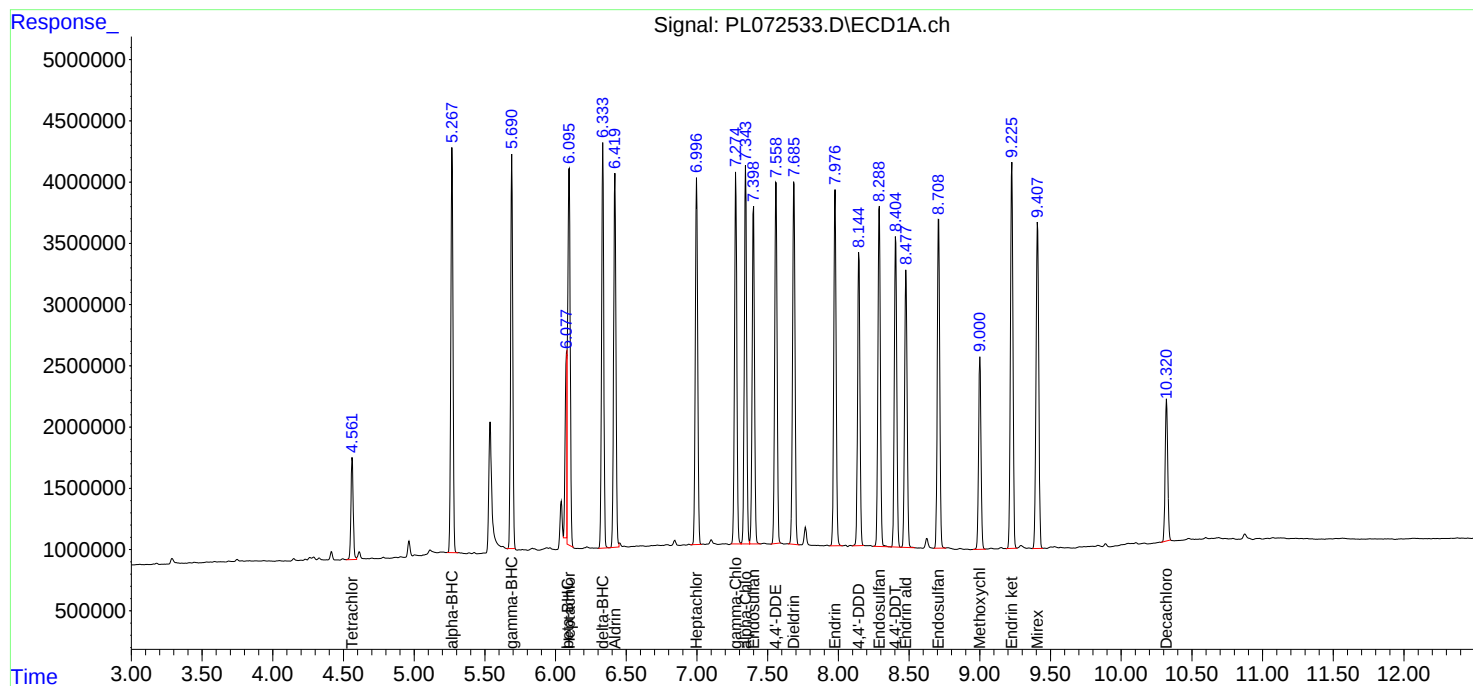
Instrument :
 ECD_L
 ClientSampleId :
 KTSI-WC-S-MH-01-02-0-15MS

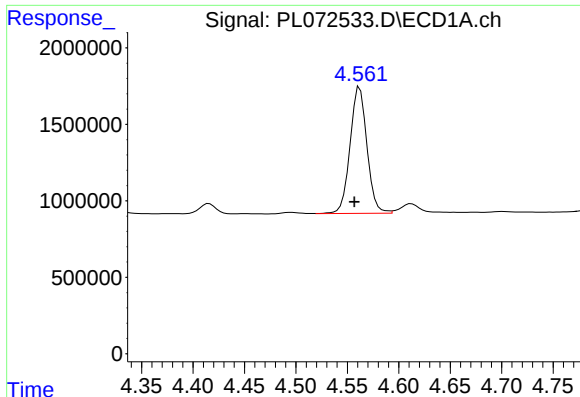
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 05:49:18 2022
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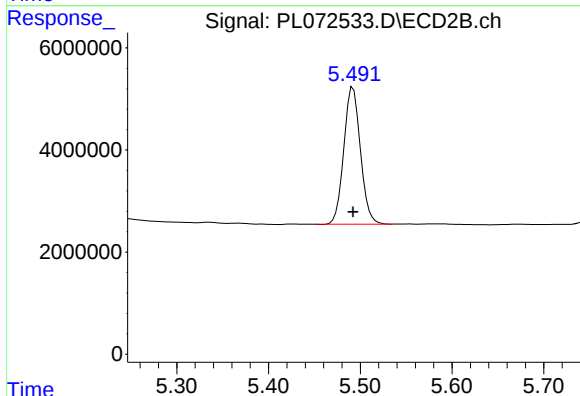
#1 Tetrachloro-m-xylene

R.T.: 4.562 min
Delta R.T.: 0.005 min
Response: 9457309
Conc: 19.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MS

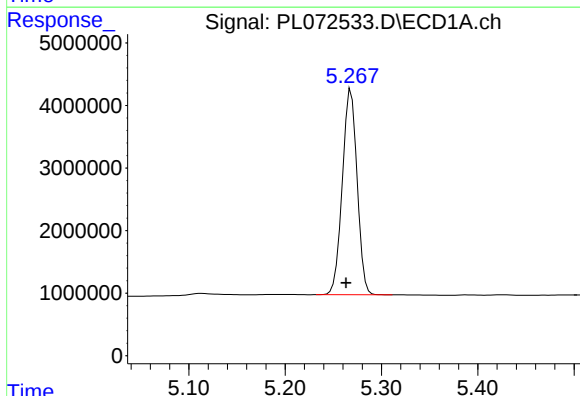
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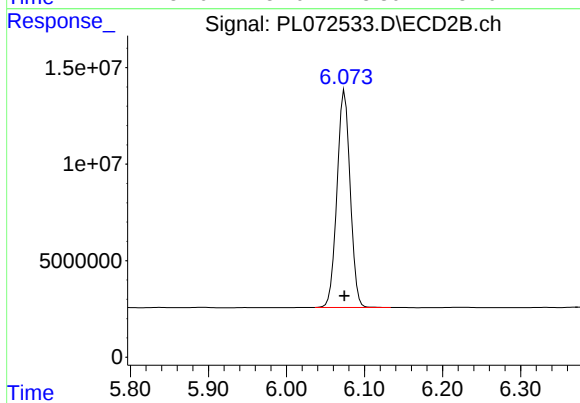
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 33713024
Conc: 19.52 ng/ml



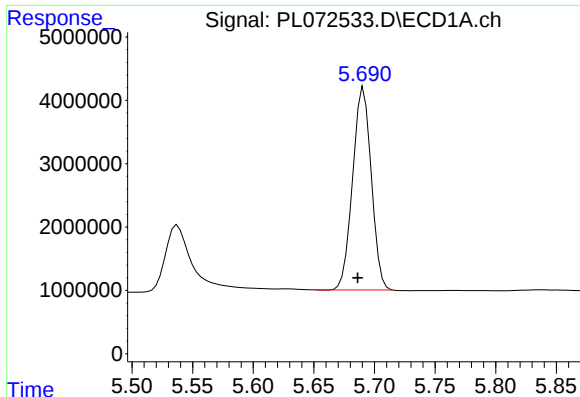
#2 alpha-BHC

R.T.: 5.269 min
Delta R.T.: 0.005 min
Response: 34902909
Conc: 52.94 ng/ml



#2 alpha-BHC

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 131935020
Conc: 55.09 ng/ml



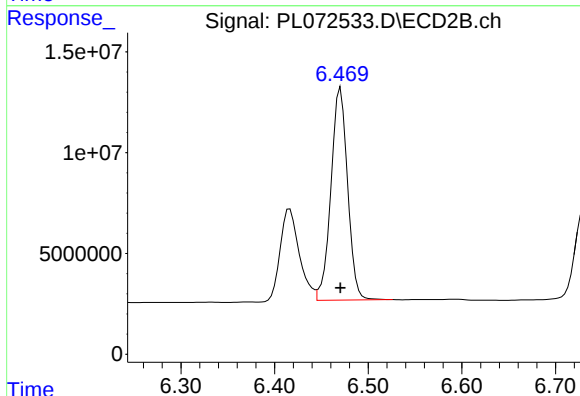
#3 gamma-BHC (Lindane)

R.T.: 5.691 min
Delta R.T.: 0.005 min
Response: 34193142
Conc: 54.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MS

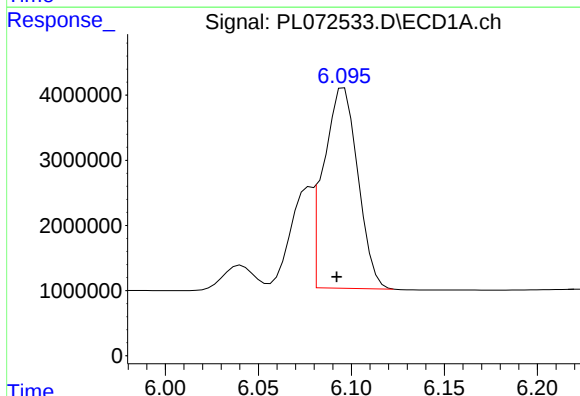
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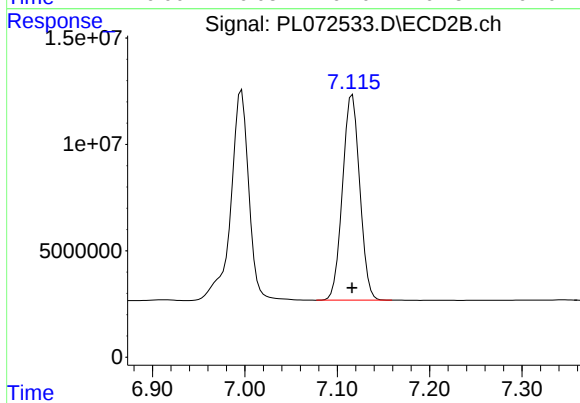
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 130391306
Conc: 56.63 ng/ml



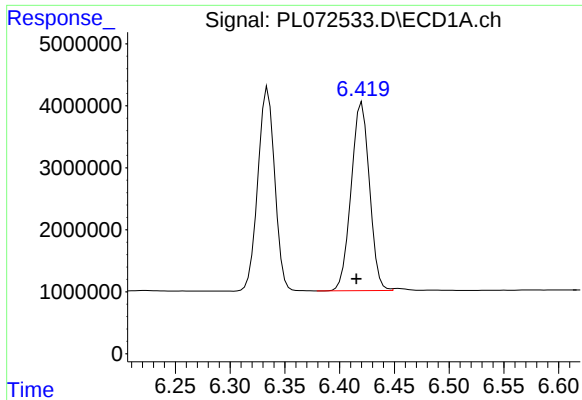
#4 Heptachlor

R.T.: 6.095 min
Delta R.T.: 0.003 min
Response: 37949388
Conc: 51.99 ng/ml m



#4 Heptachlor

R.T.: 7.116 min
Delta R.T.: 0.000 min
Response: 125318452
Conc: 55.04 ng/ml



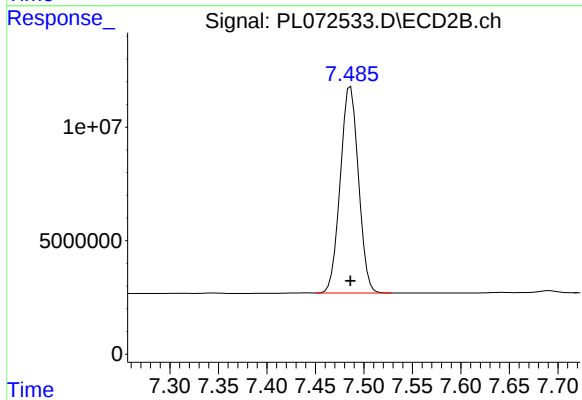
#5 Aldrin

R.T.: 6.420 min
Delta R.T.: 0.005 min
Response: 35392025
Conc: 54.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MS

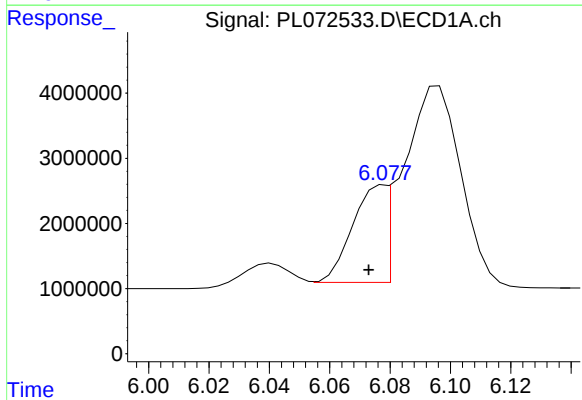
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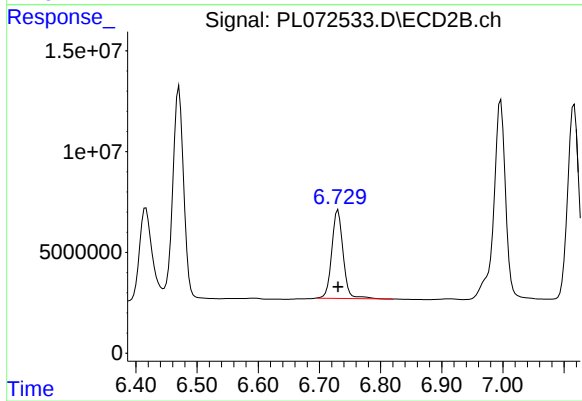
#5 Aldrin

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 118526173
Conc: 55.44 ng/ml



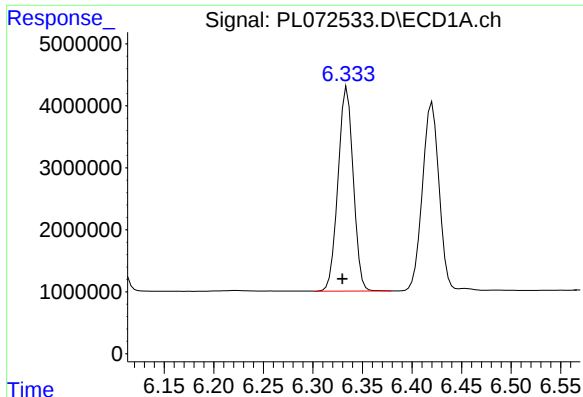
#6 beta-BHC

R.T.: 6.077 min
Delta R.T.: 0.005 min
Response: 14691710
Conc: 59.29 ng/ml m



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 56431065
Conc: 55.36 ng/ml



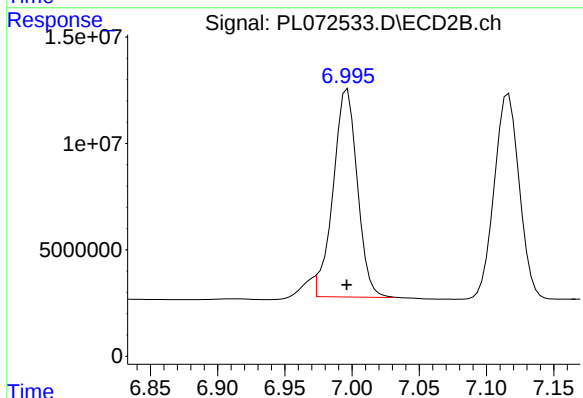
#7 delta-BHC

R.T.: 6.334 min
Delta R.T.: 0.005 min
Response: 35142201
Conc: 53.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MS

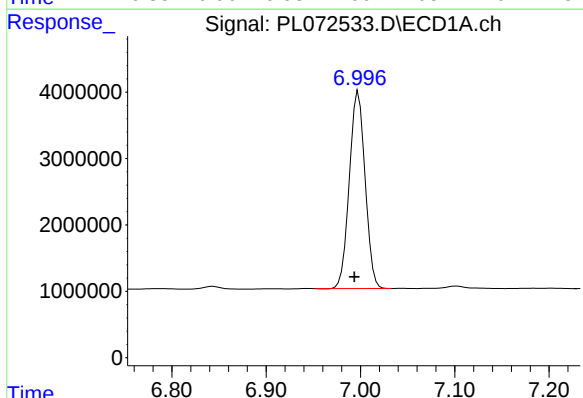
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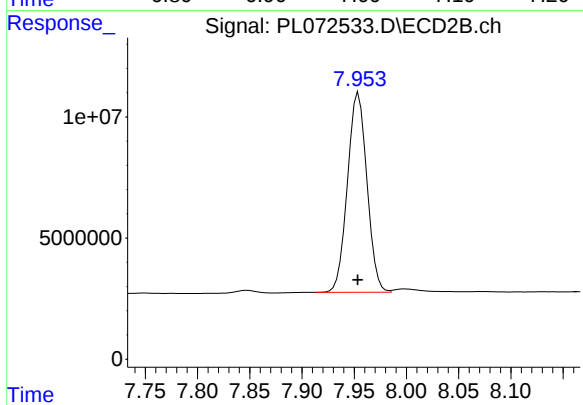
#7 delta-BHC

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 121080377
Conc: 52.85 ng/ml m



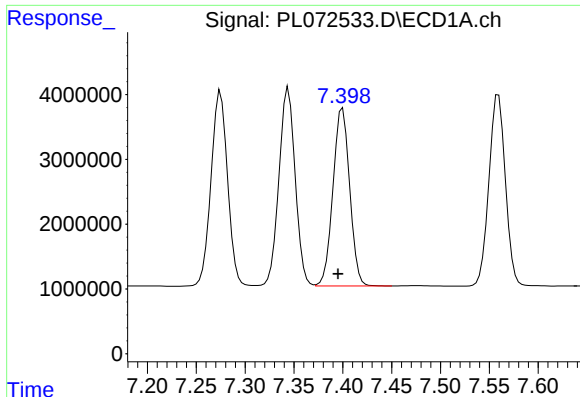
#8 Heptachlor epoxide

R.T.: 6.998 min
Delta R.T.: 0.004 min
Response: 34587264
Conc: 54.86 ng/ml



#8 Heptachlor epoxide

R.T.: 7.954 min
Delta R.T.: 0.000 min
Response: 106885634
Conc: 55.40 ng/ml



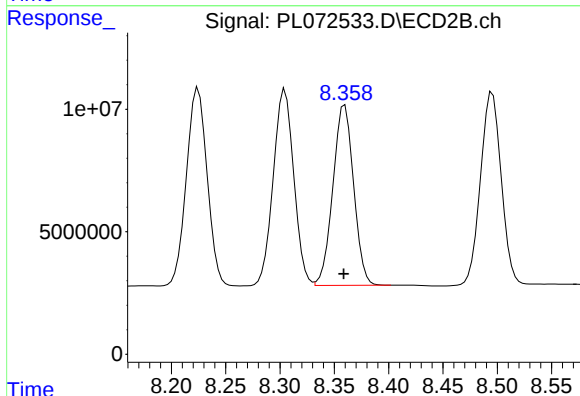
#9 Endosulfan I

R.T.: 7.400 min
Delta R.T.: 0.005 min
Response: 32743109
Conc: 55.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MS

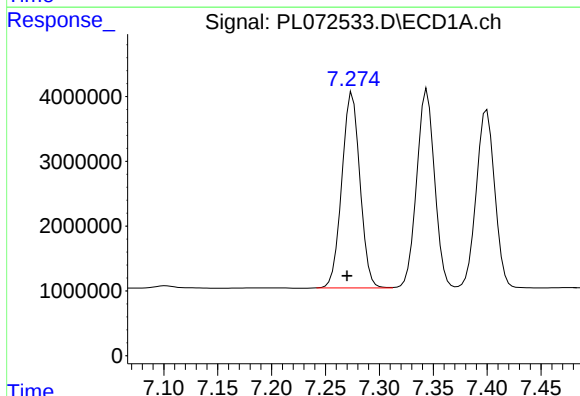
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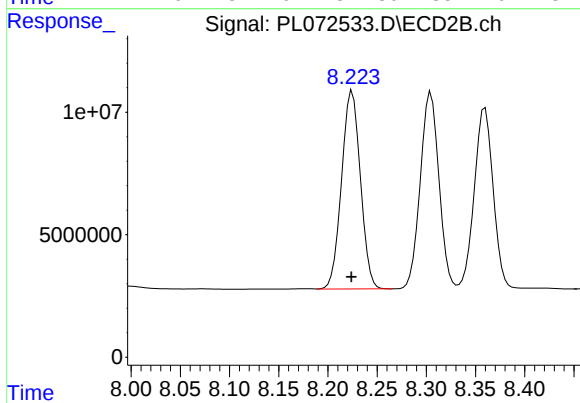
#9 Endosulfan I

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 97885214
Conc: 55.95 ng/ml



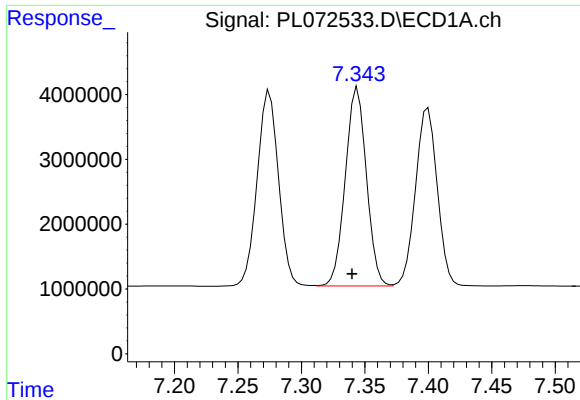
#10 gamma-Chlordane

R.T.: 7.275 min
Delta R.T.: 0.005 min
Response: 35341638
Conc: 55.79 ng/ml



#10 gamma-Chlordane

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 107648854
Conc: 55.65 ng/ml



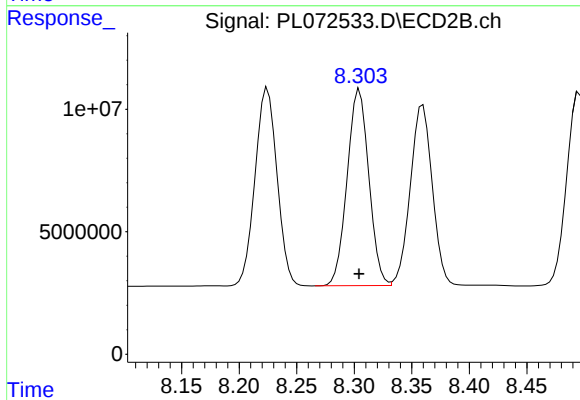
#11 alpha-Chlordane

R.T.: 7.344 min
Delta R.T.: 0.005 min
Response: 35466931
Conc: 55.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MS

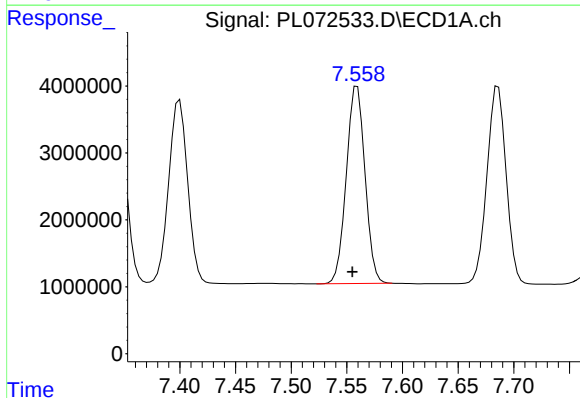
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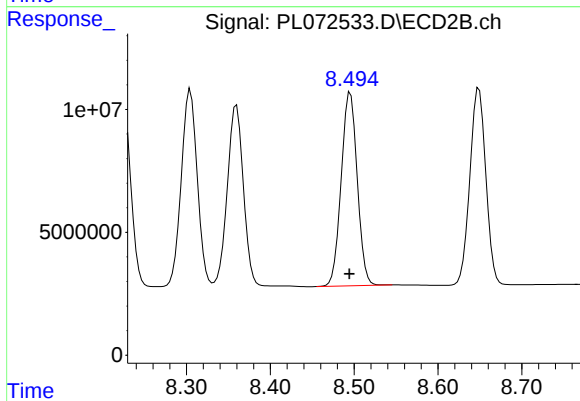
#11 alpha-Chlordane

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 105807425
Conc: 55.69 ng/ml



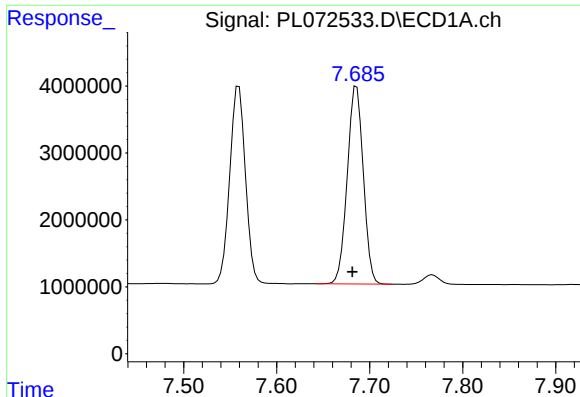
#12 4,4'-DDE

R.T.: 7.559 min
Delta R.T.: 0.004 min
Response: 34487652
Conc: 56.75 ng/ml



#12 4,4'-DDE

R.T.: 8.495 min
Delta R.T.: 0.001 min
Response: 104938650
Conc: 56.14 ng/ml



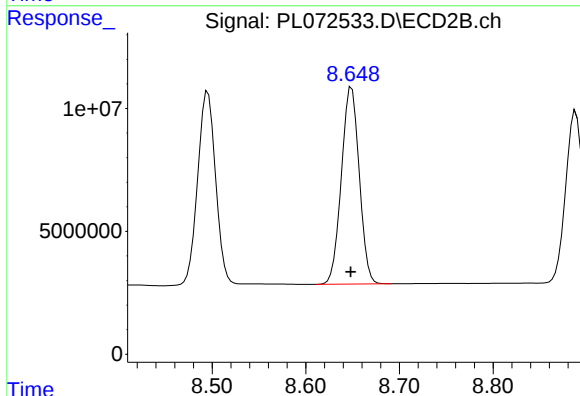
#13 Dieldrin

R.T.: 7.686 min
Delta R.T.: 0.005 min
Response: 35439814
Conc: 56.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MS

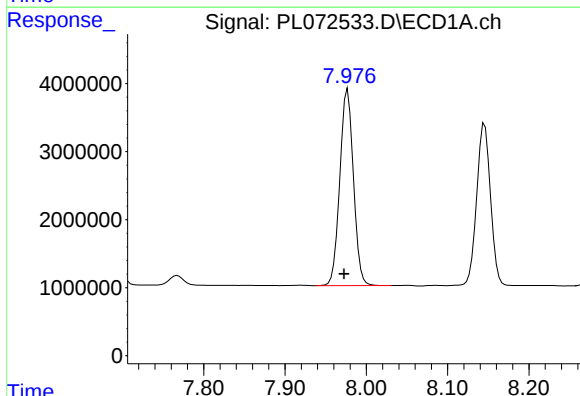
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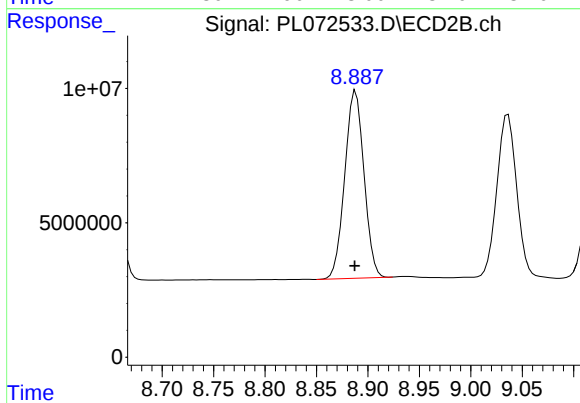
#13 Dieldrin

R.T.: 8.649 min
Delta R.T.: 0.001 min
Response: 106312841
Conc: 57.05 ng/ml



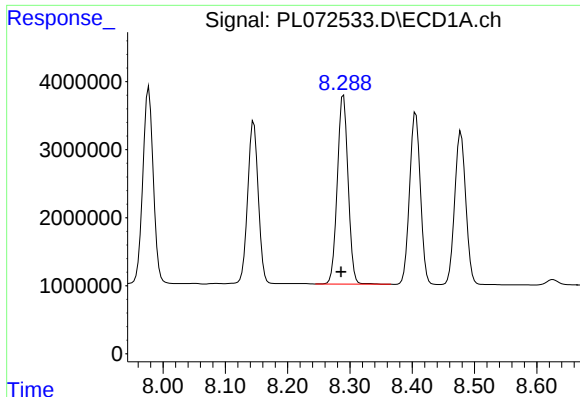
#14 Endrin

R.T.: 7.977 min
Delta R.T.: 0.004 min
Response: 33526462
Conc: 57.23 ng/ml



#14 Endrin

R.T.: 8.888 min
Delta R.T.: 0.001 min
Response: 90899159
Conc: 57.69 ng/ml



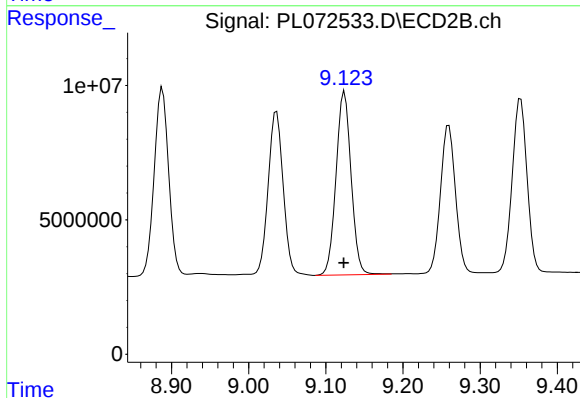
#15 Endosulfan II

R.T.: 8.290 min
Delta R.T.: 0.004 min
Response: 33296556
Conc: 54.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MS

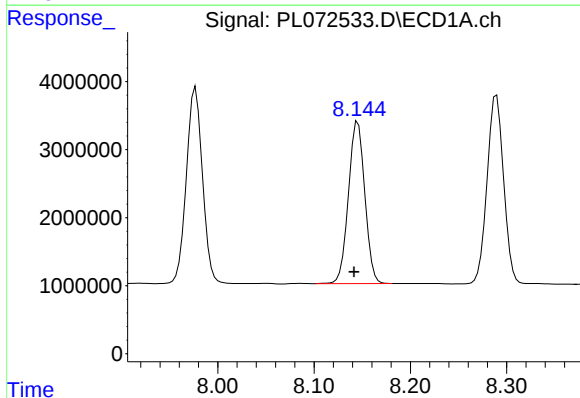
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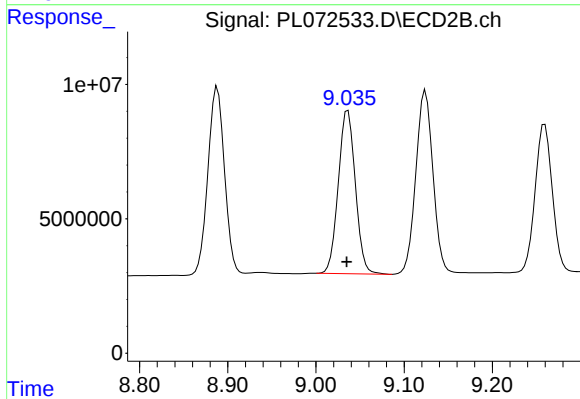
#15 Endosulfan II

R.T.: 9.124 min
Delta R.T.: 0.001 min
Response: 92729013
Conc: 55.15 ng/ml



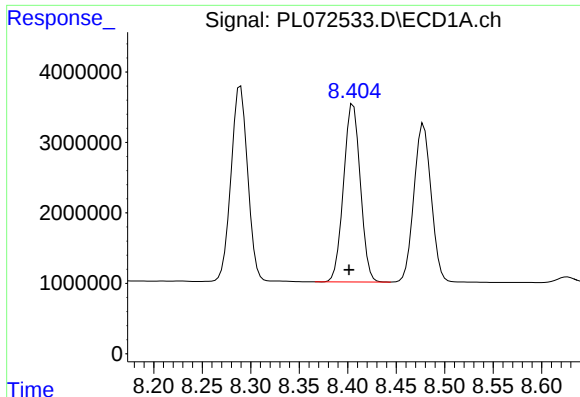
#16 4,4'-DDD

R.T.: 8.146 min
Delta R.T.: 0.004 min
Response: 28027301
Conc: 58.26 ng/ml



#16 4,4'-DDD

R.T.: 9.036 min
Delta R.T.: 0.001 min
Response: 81780894
Conc: 59.10 ng/ml



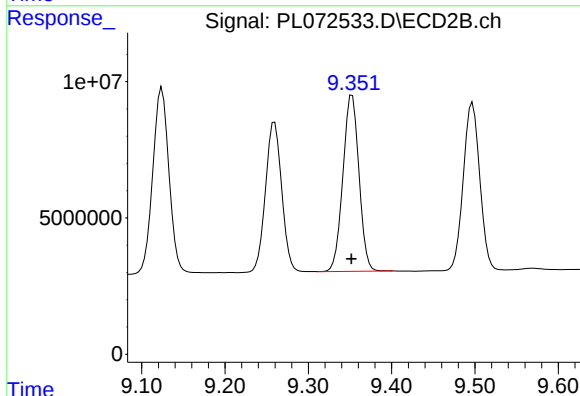
#17 4,4'-DDT

R.T.: 8.406 min
Delta R.T.: 0.004 min
Response: 30374868
Conc: 56.45 ng/ml

Instrument :
ECD_L
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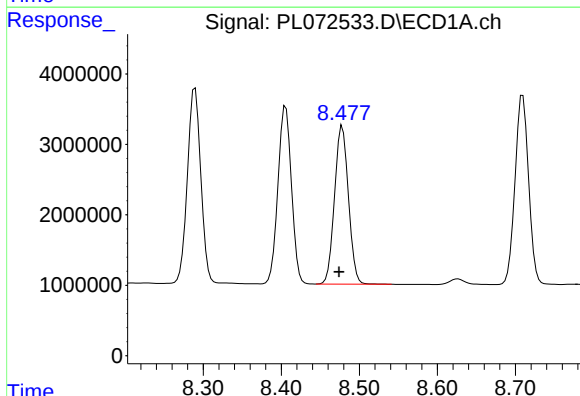
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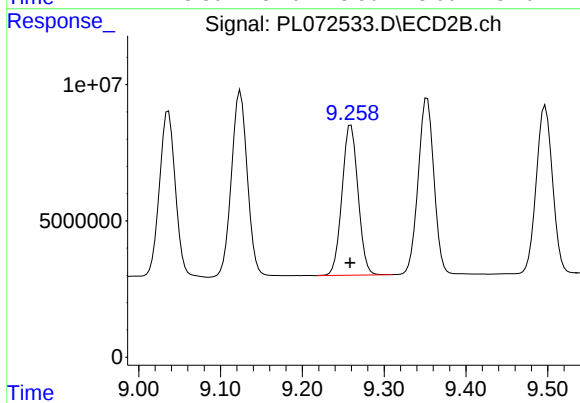
#17 4,4'-DDT

R.T.: 9.353 min
Delta R.T.: 0.001 min
Response: 86550443
Conc: 56.54 ng/ml



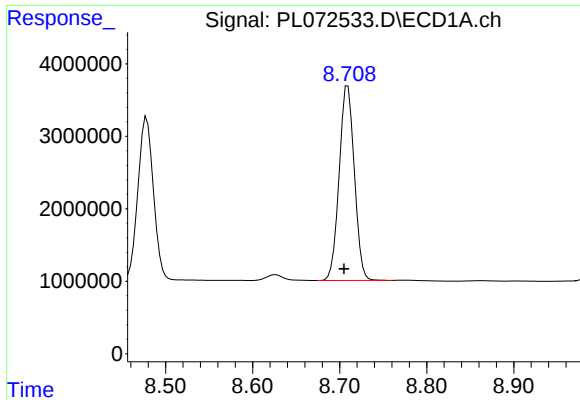
#18 Endrin aldehyde

R.T.: 8.478 min
Delta R.T.: 0.004 min
Response: 27780862
Conc: 63.73 ng/ml



#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: 0.001 min
Response: 74611698
Conc: 66.29 ng/ml



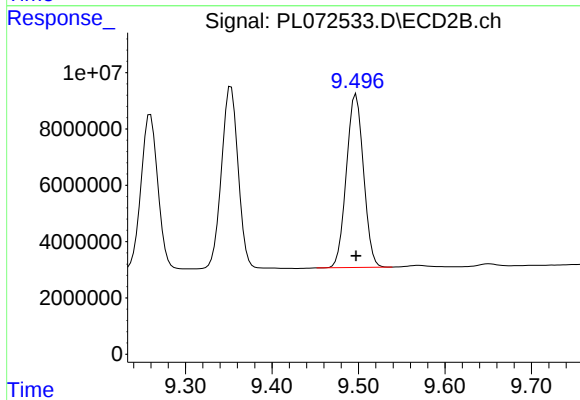
#19 Endosulfan Sulfate

R.T.: 8.709 min
Delta R.T.: 0.004 min
Response: 32574798
Conc: 54.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MS

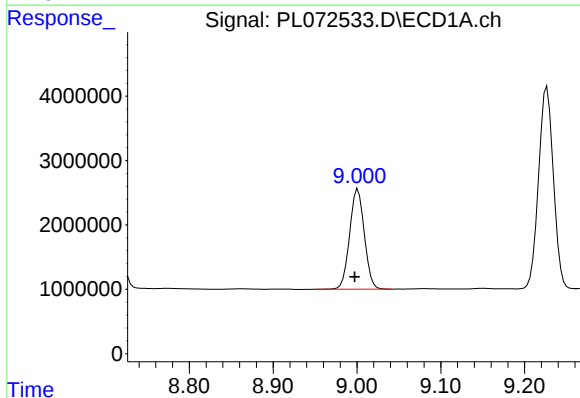
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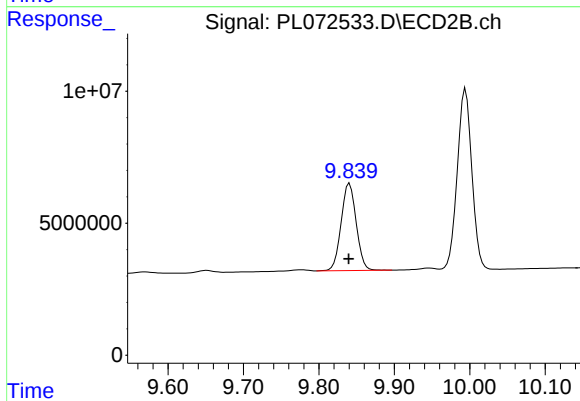
#19 Endosulfan Sulfate

R.T.: 9.497 min
Delta R.T.: 0.000 min
Response: 84269015
Conc: 56.33 ng/ml



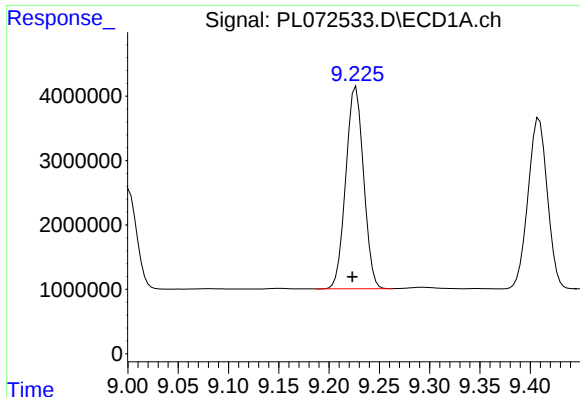
#20 Methoxychlor

R.T.: 9.001 min
Delta R.T.: 0.004 min
Response: 19040278
Conc: 54.15 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: 0.001 min
Response: 45892297
Conc: 56.68 ng/ml



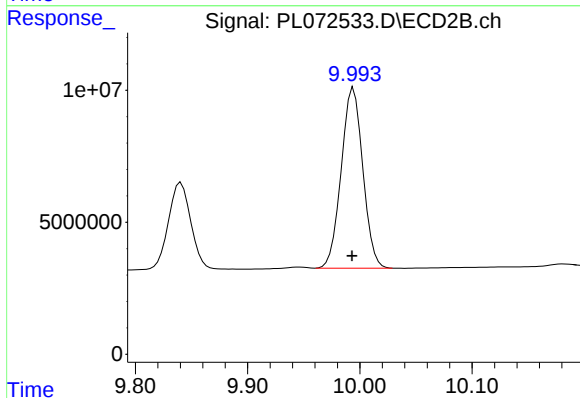
#21 Endrin ketone

R.T.: 9.227 min
Delta R.T.: 0.004 min
Response: 38601882
Conc: 56.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MS

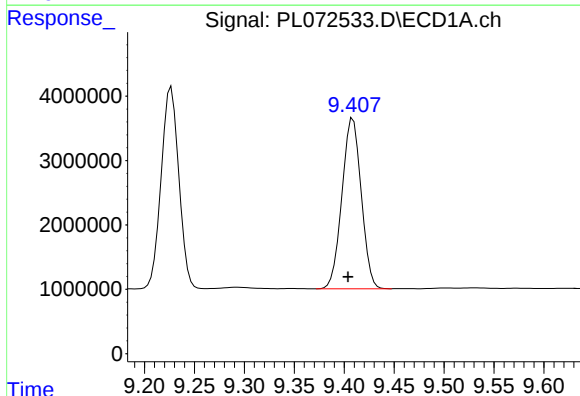
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/09/2022
Supervised By :Ankita Jodhani 02/09/2022



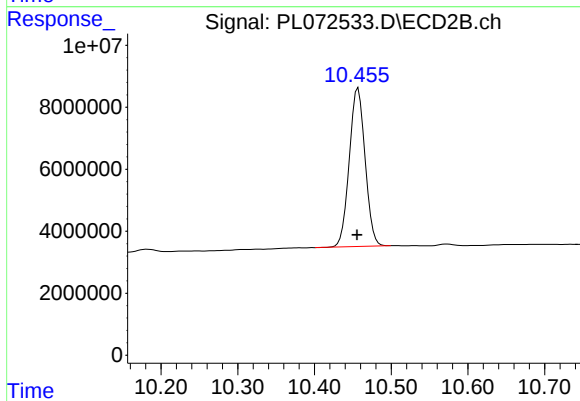
#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: 0.002 min
Response: 91347840
Conc: 57.33 ng/ml



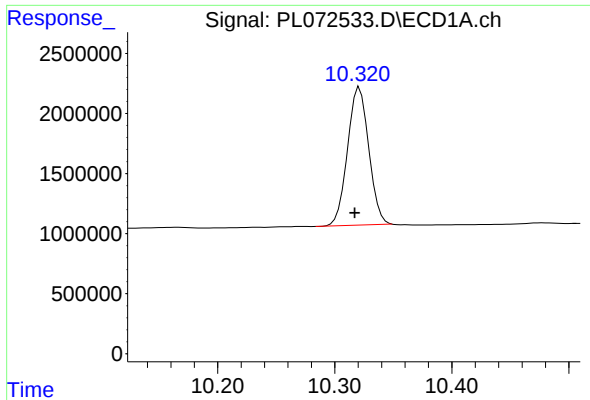
#22 Mirex

R.T.: 9.409 min
Delta R.T.: 0.005 min
Response: 35597116
Conc: 60.00 ng/ml



#22 Mirex

R.T.: 10.457 min
Delta R.T.: 0.001 min
Response: 73853533
Conc: 62.91 ng/ml



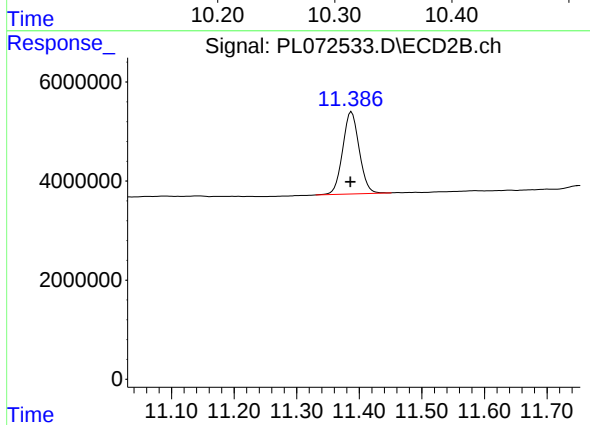
#28 Decachlorobiphenyl

R.T.: 10.321 min
Delta R.T.: 0.004 min
Response: 14509116
Conc: 19.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/09/2022



#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: 0.002 min
Response: 30649257
Conc: 19.33 ng/ml