

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021822\
 Data File : PL072793.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2022 12:36
 Operator : AR\AJ
 Sample : PB142645BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB142645BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/21/2022
 Supervised By :Ankita Jodhani 02/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 21:31:38 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...	4.555	5.490	8459707	30026566	17.569	17.383
28)	SA Decachlor...	10.315	11.383	15186608	31944753	20.060	20.145
Target Compounds							
2)	A alpha-BHC	5.261	6.072	28576620	107.6E6	43.341	44.933
3)	MA gamma-BHC...	5.684	6.468	28186495	101.6E6	44.848	44.140
4)	MA Heptachlor	6.089	7.113	32424648	102.9E6	44.422	45.210
5)	MB Aldrin	6.413	7.483	30308469	99727810	46.942	46.650
6)	B beta-BHC	6.070	6.728	10805048	45150909	43.606	44.291
7)	B delta-BHC	6.327	6.994	29026457	100.5E6	43.838	43.872
8)	B Heptachlo...	6.991	7.951	30216957	95031558	47.929	49.258
9)	A Endosulfan I	7.393	8.356	28498410	84549492	48.711	48.328
10)	B gamma-Chl...	7.268	8.221	30478937	96336185	48.115	49.805
11)	B alpha-Chl...	7.338	8.301	30868396	92737033	48.476	48.810
12)	B 4,4'-DDE	7.552	8.492	30381884	88765678	49.994	47.492
13)	MA Dieldrin	7.680	8.646	31784627	90540005	50.332	48.582
14)	MA Endrin	7.971	8.885	27769274	74215417	47.403	47.102
15)	B Endosulfa...	8.283	9.121	28959632	80306699	47.600	47.764
16)	A 4,4'-DDD	8.139	9.033	25531226	71230165	53.069	51.475
17)	MA 4,4'-DDT	8.399	9.349	24710848	67637930	45.924	44.183
18)	B Endrin al...	8.473	9.256	24052179	61903989	55.180	55.003
19)	B Endosulfa...	8.703	9.494	28775691	73448146	48.354	49.097
20)	A Methoxychlor	8.995	9.836	15664334	34867879	44.549	43.065m
21)	B Endrin ke...	9.220	9.991	34005324	80938414	49.478m	50.799
22)	Mirex	9.401	10.453	31646765	64686298	53.345m	55.104

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

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 ALS Vial : 8 Sample Multiplier: 1

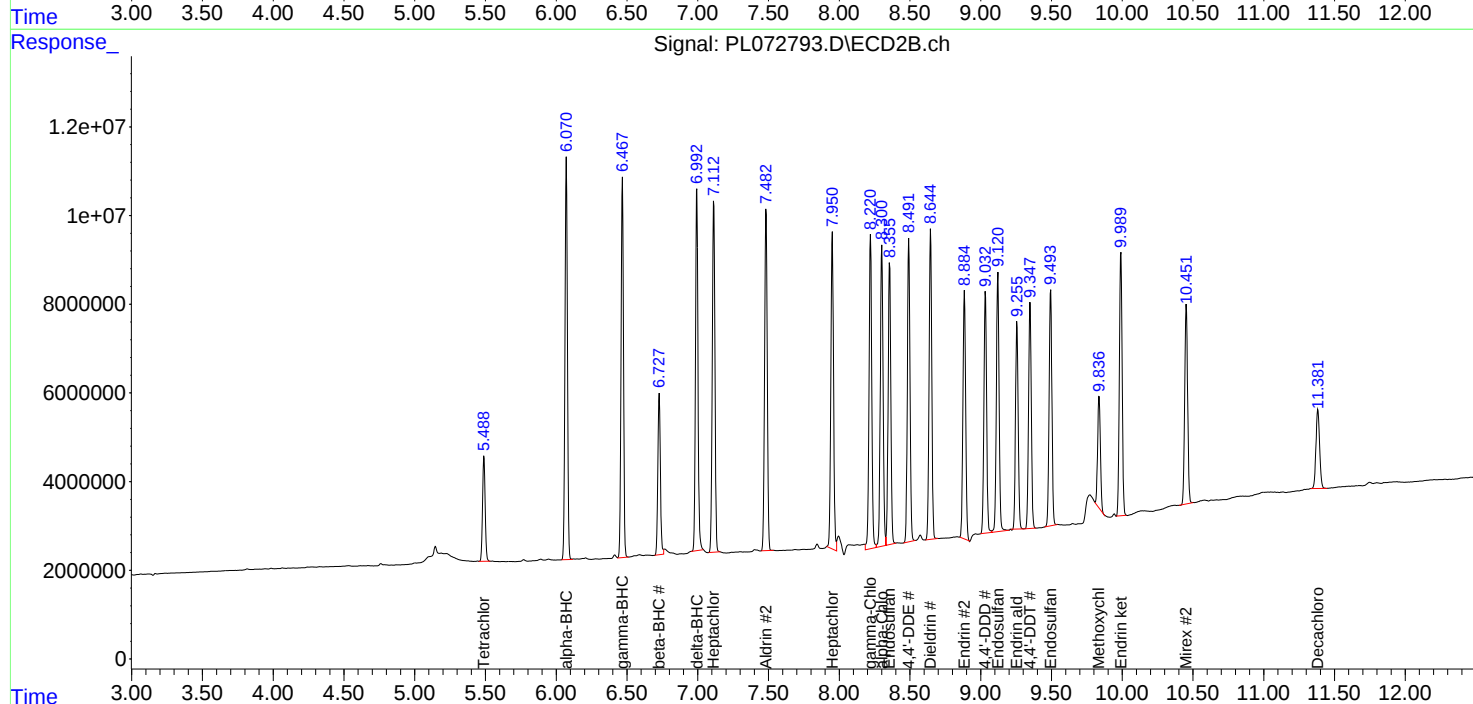
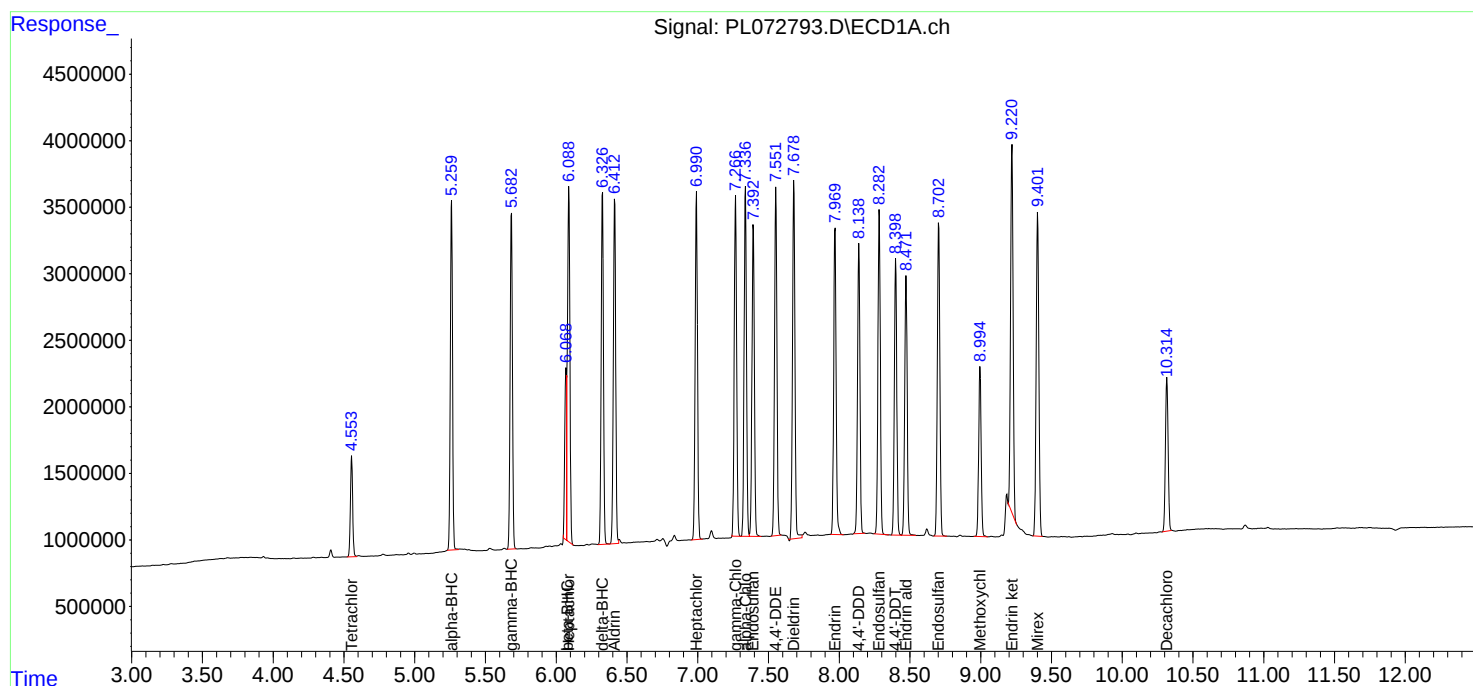
Instrument :
 ECD_L
 ClientSampleId :
 PB142645BS

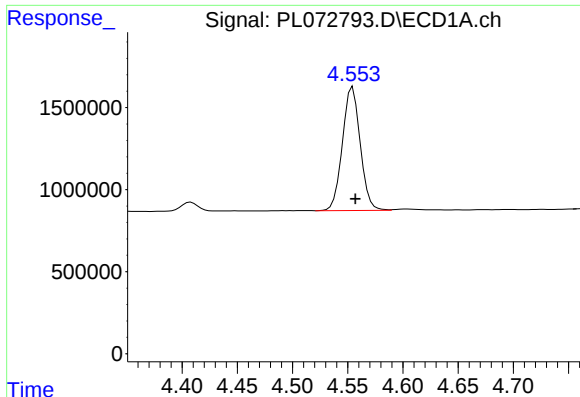
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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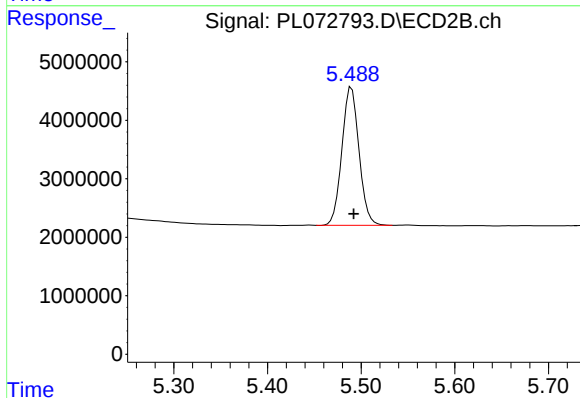
#1 Tetrachloro-m-xylene

R.T.: 4.555 min
Delta R.T.: -0.002 min
Response: 8459707
Conc: 17.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

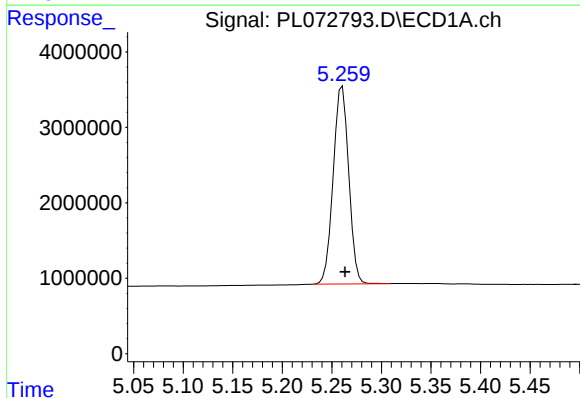
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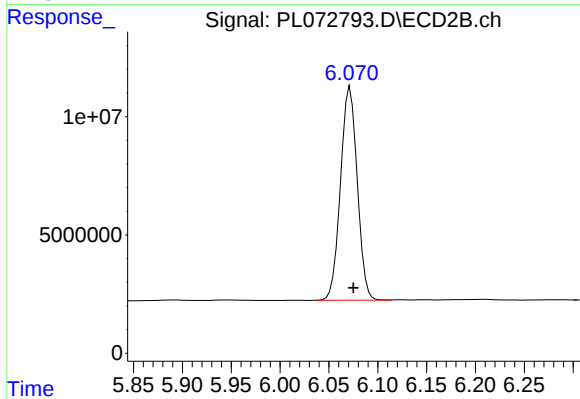
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 30026566
Conc: 17.38 ng/ml



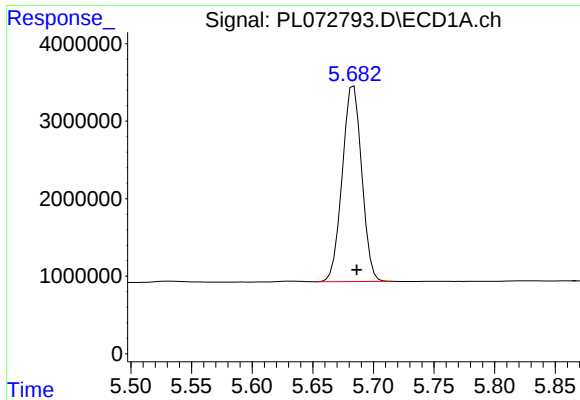
#2 alpha-BHC

R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 28576620
Conc: 43.34 ng/ml



#2 alpha-BHC

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 107602789
Conc: 44.93 ng/ml



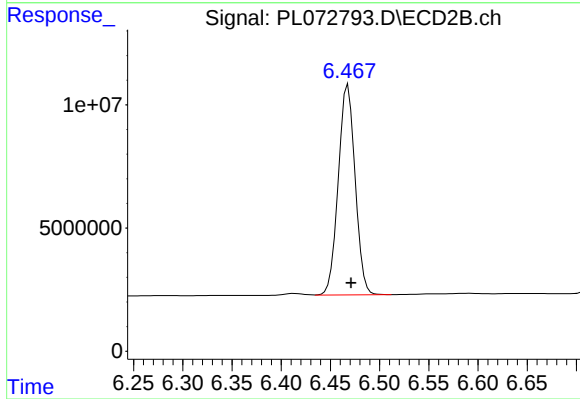
#3 gamma-BHC (Lindane)

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 28186495
Conc: 44.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

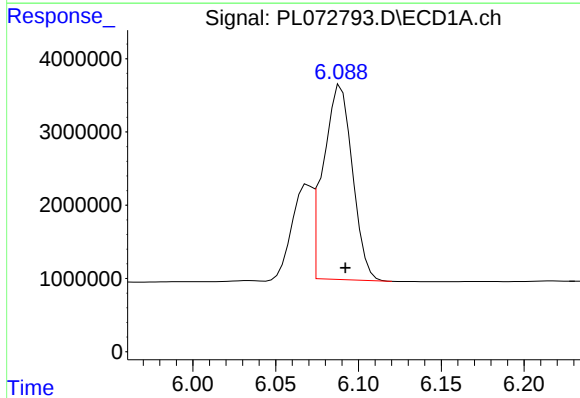
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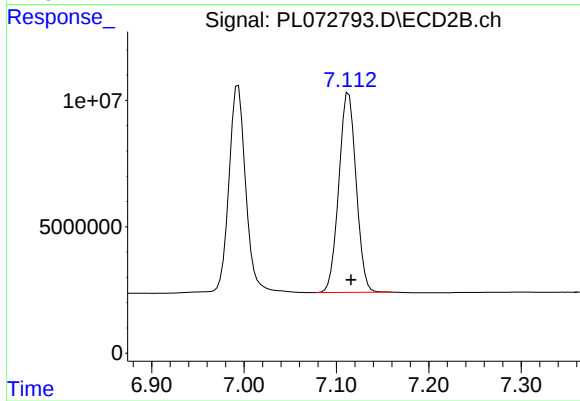
#3 gamma-BHC (Lindane)

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 101631138
Conc: 44.14 ng/ml



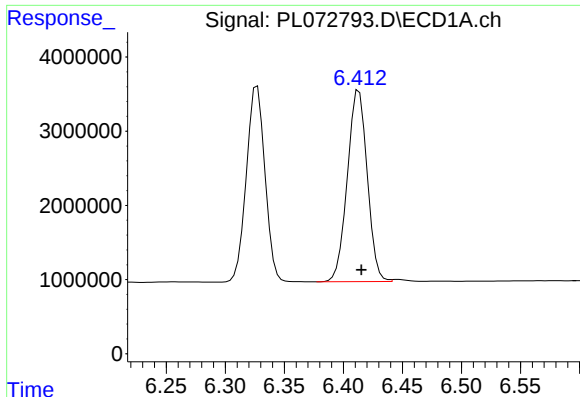
#4 Heptachlor

R.T.: 6.089 min
Delta R.T.: -0.003 min
Response: 32424648
Conc: 44.42 ng/ml



#4 Heptachlor

R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 102935243
Conc: 45.21 ng/ml



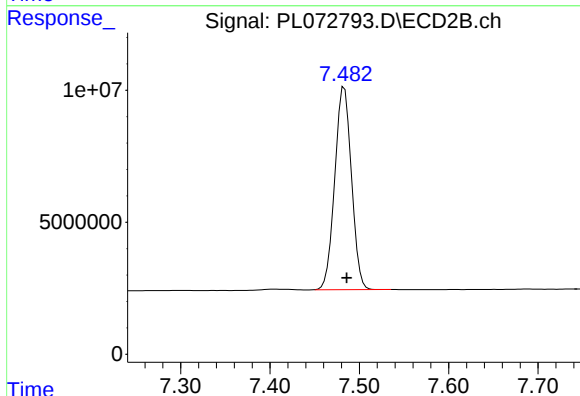
#5 Aldrin

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 30308469
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

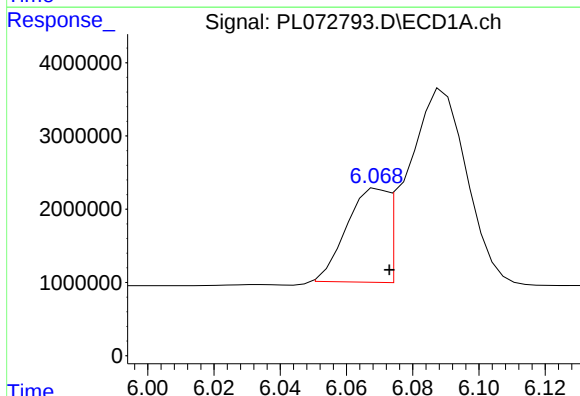
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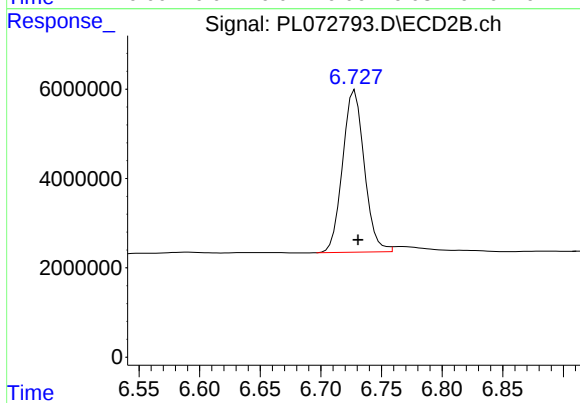
#5 Aldrin

R.T.: 7.483 min
Delta R.T.: -0.003 min
Response: 99727810
Conc: 46.65 ng/ml



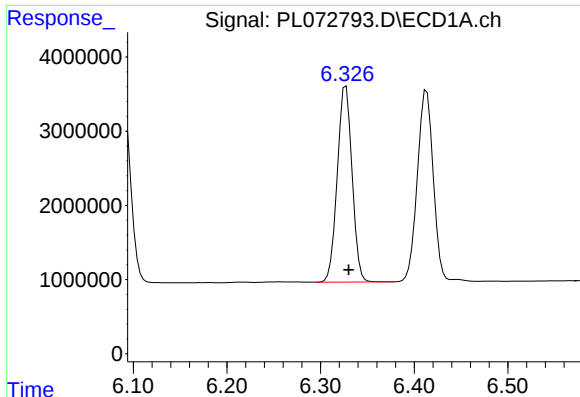
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 10805048
Conc: 43.61 ng/ml



#6 beta-BHC

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 45150909
Conc: 44.29 ng/ml



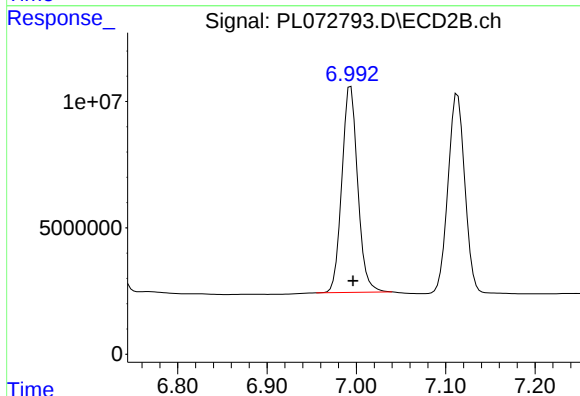
#7 delta-BHC

R.T.: 6.327 min
Delta R.T.: -0.003 min
Response: 29026457
Conc: 43.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

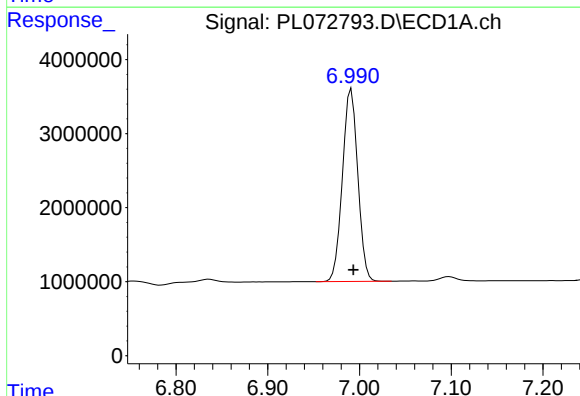
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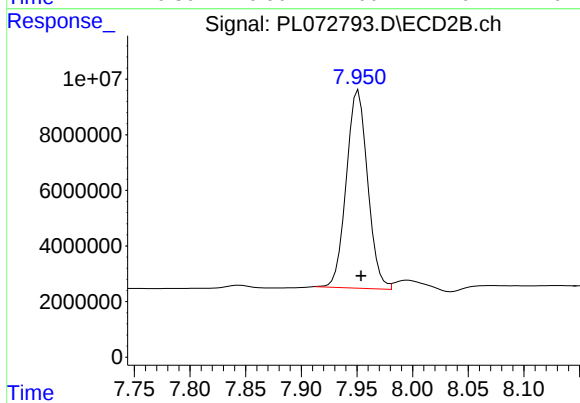
#7 delta-BHC

R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 100511532
Conc: 43.87 ng/ml



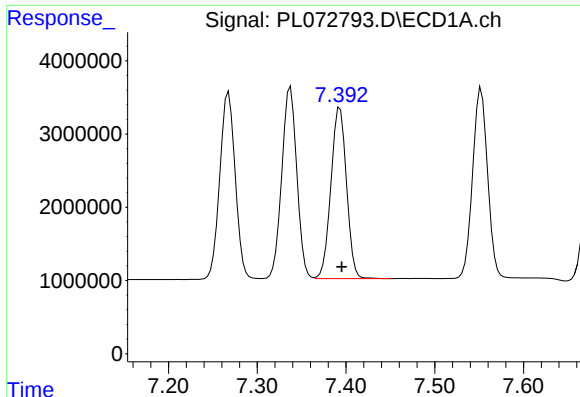
#8 Heptachlor epoxide

R.T.: 6.991 min
Delta R.T.: -0.003 min
Response: 30216957
Conc: 47.93 ng/ml



#8 Heptachlor epoxide

R.T.: 7.951 min
Delta R.T.: -0.002 min
Response: 95031558
Conc: 49.26 ng/ml



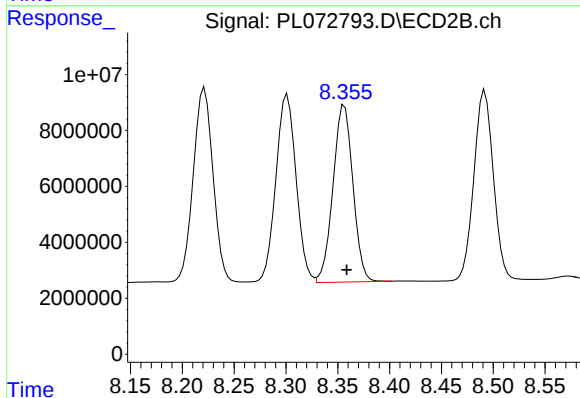
#9 Endosulfan I

R.T.: 7.393 min
Delta R.T.: -0.002 min
Response: 28498410
Conc: 48.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

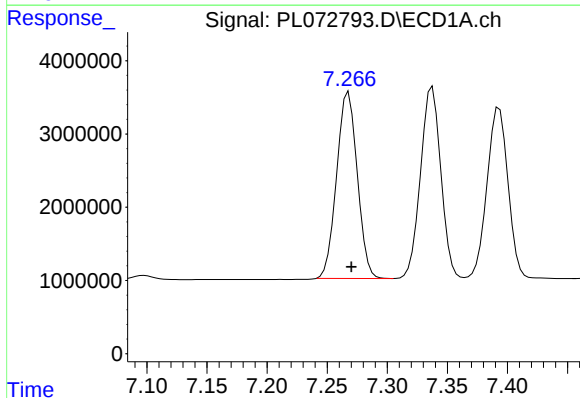
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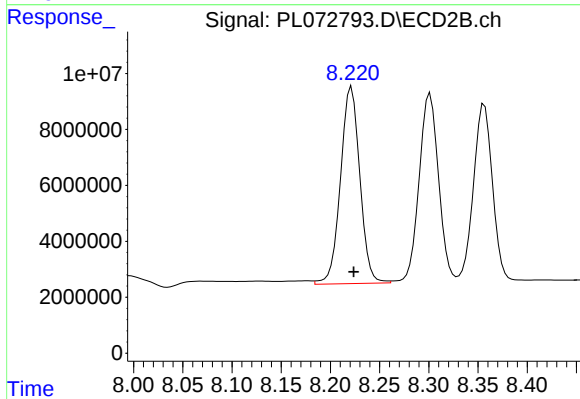
#9 Endosulfan I

R.T.: 8.356 min
Delta R.T.: -0.002 min
Response: 84549492
Conc: 48.33 ng/ml



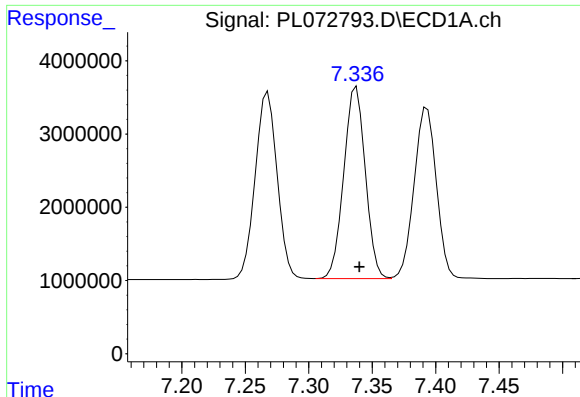
#10 gamma-Chlordane

R.T.: 7.268 min
Delta R.T.: -0.002 min
Response: 30478937
Conc: 48.11 ng/ml



#10 gamma-Chlordane

R.T.: 8.221 min
Delta R.T.: -0.002 min
Response: 96336185
Conc: 49.81 ng/ml



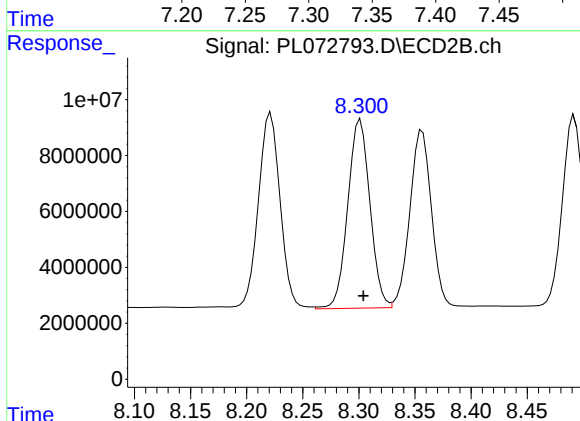
#11 alpha-Chlordane

R.T.: 7.338 min
Delta R.T.: -0.002 min
Response: 30868396
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

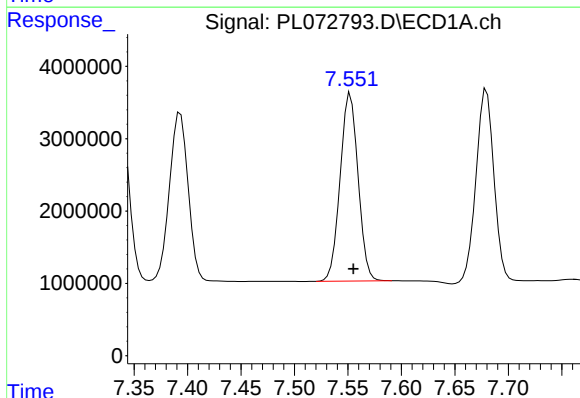
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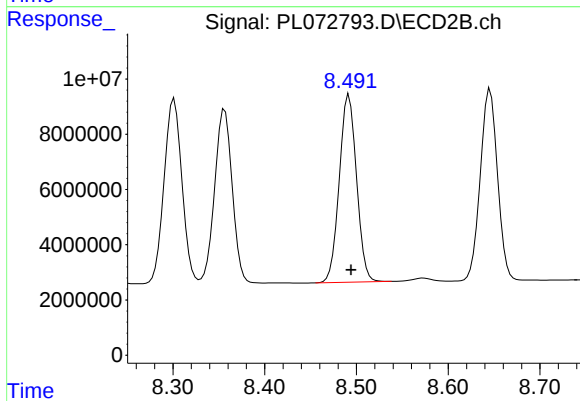
#11 alpha-Chlordane

R.T.: 8.301 min
Delta R.T.: -0.003 min
Response: 92737033
Conc: 48.81 ng/ml



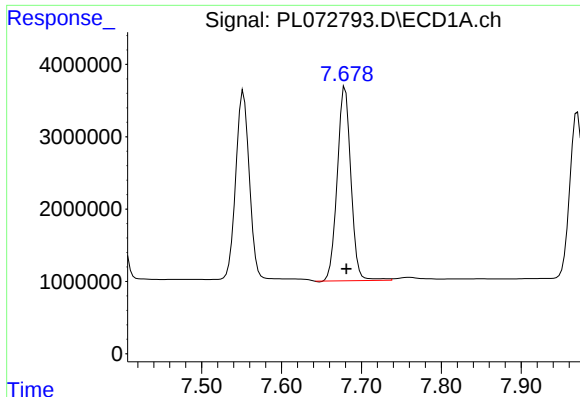
#12 4,4'-DDE

R.T.: 7.552 min
Delta R.T.: -0.003 min
Response: 30381884
Conc: 49.99 ng/ml



#12 4,4'-DDE

R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 88765678
Conc: 47.49 ng/ml



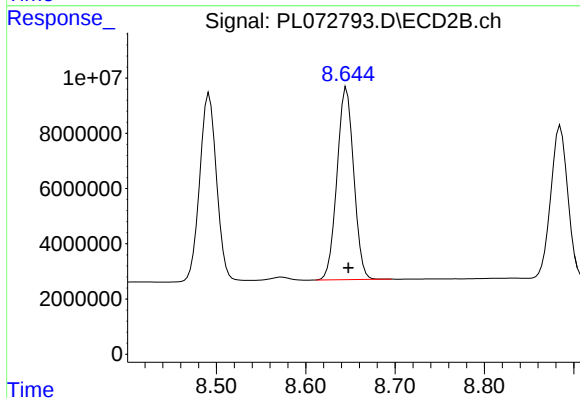
#13 Dieldrin

R.T.: 7.680 min
Delta R.T.: -0.002 min
Response: 31784627
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

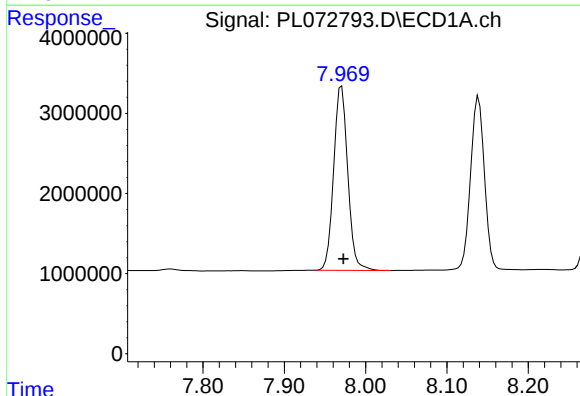
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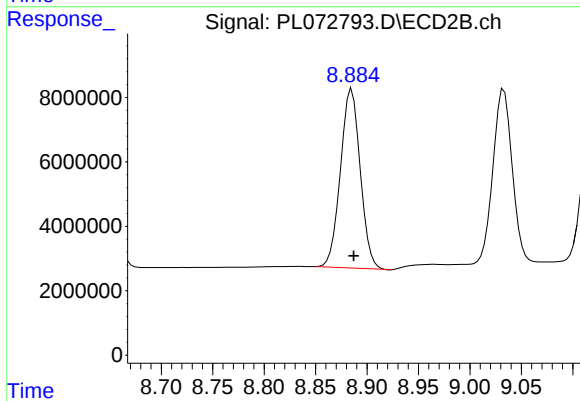
#13 Dieldrin

R.T.: 8.646 min
Delta R.T.: -0.002 min
Response: 90540005
Conc: 48.58 ng/ml



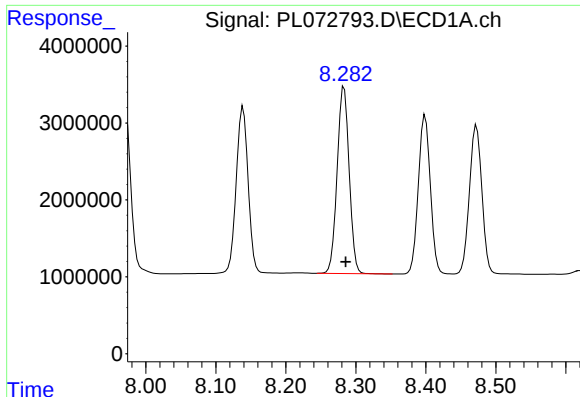
#14 Endrin

R.T.: 7.971 min
Delta R.T.: -0.002 min
Response: 27769274
Conc: 47.40 ng/ml



#14 Endrin

R.T.: 8.885 min
Delta R.T.: -0.002 min
Response: 74215417
Conc: 47.10 ng/ml



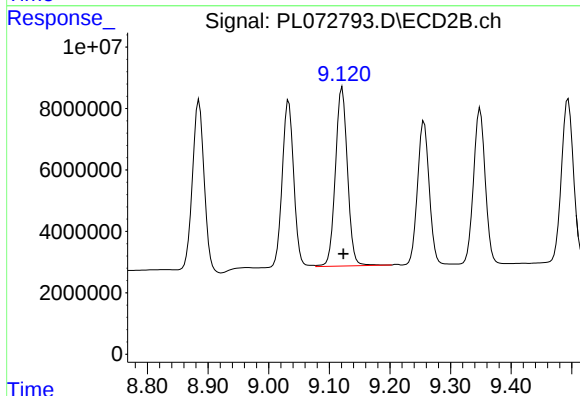
#15 Endosulfan II

R.T.: 8.283 min
Delta R.T.: -0.002 min
Response: 28959632
Conc: 47.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
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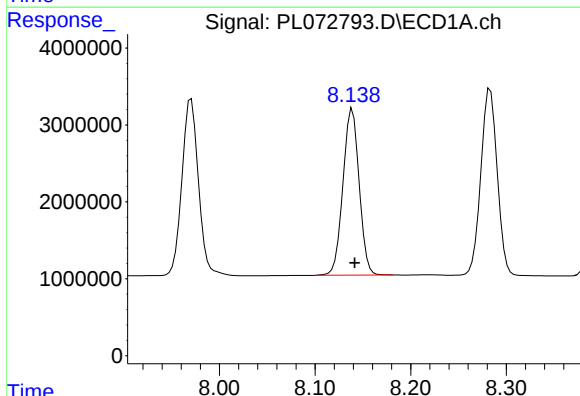
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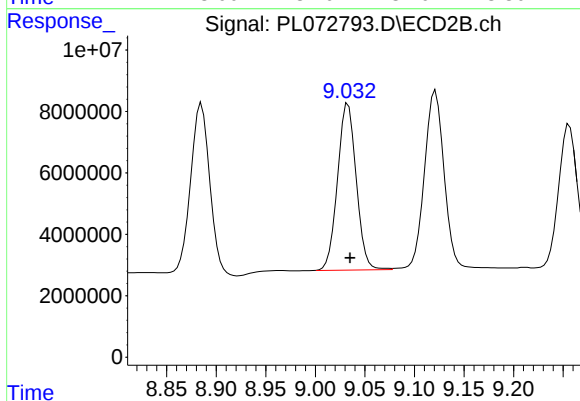
#15 Endosulfan II

R.T.: 9.121 min
Delta R.T.: -0.002 min
Response: 80306699
Conc: 47.76 ng/ml



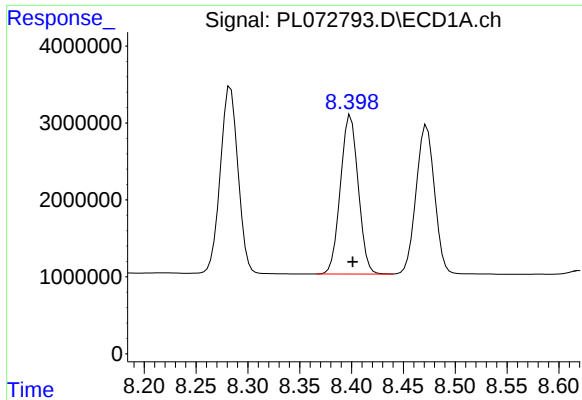
#16 4,4'-DDD

R.T.: 8.139 min
Delta R.T.: -0.003 min
Response: 25531226
Conc: 53.07 ng/ml



#16 4,4'-DDD

R.T.: 9.033 min
Delta R.T.: -0.002 min
Response: 71230165
Conc: 51.47 ng/ml



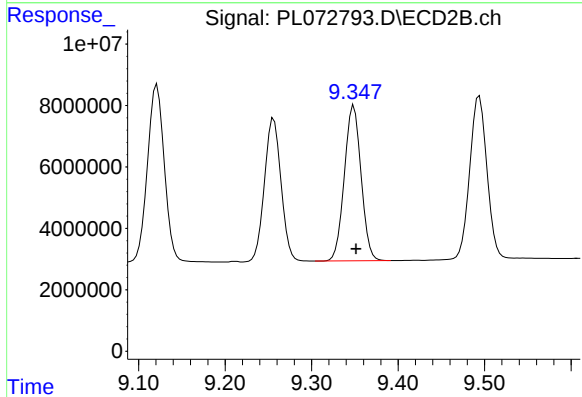
#17 4,4'-DDT

R.T.: 8.399 min
Delta R.T.: -0.002 min
Response: 24710848
Conc: 45.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
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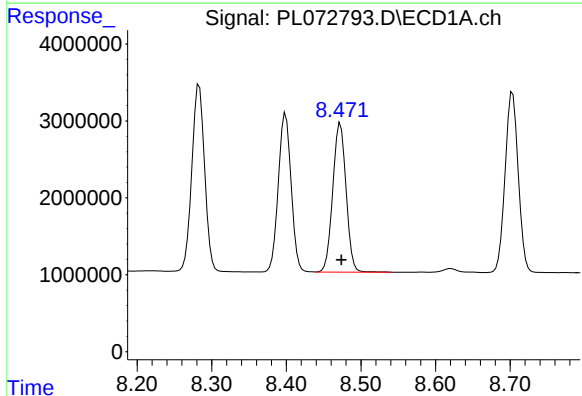
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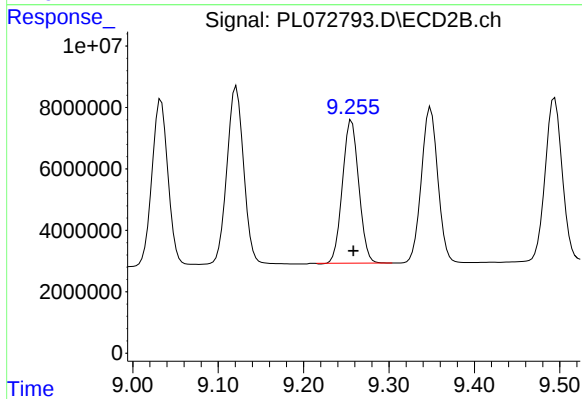
#17 4,4'-DDT

R.T.: 9.349 min
Delta R.T.: -0.003 min
Response: 67637930
Conc: 44.18 ng/ml



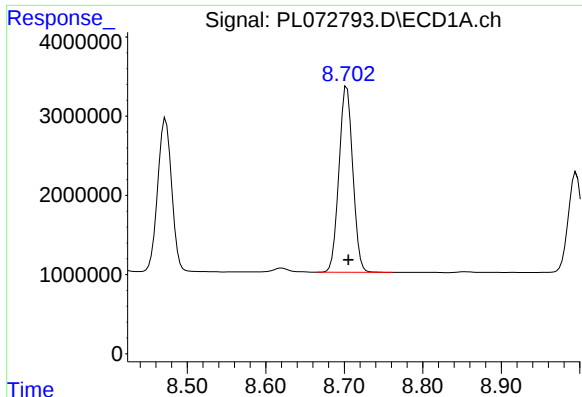
#18 Endrin aldehyde

R.T.: 8.473 min
Delta R.T.: -0.002 min
Response: 24052179
Conc: 55.18 ng/ml



#18 Endrin aldehyde

R.T.: 9.256 min
Delta R.T.: -0.002 min
Response: 61903989
Conc: 55.00 ng/ml



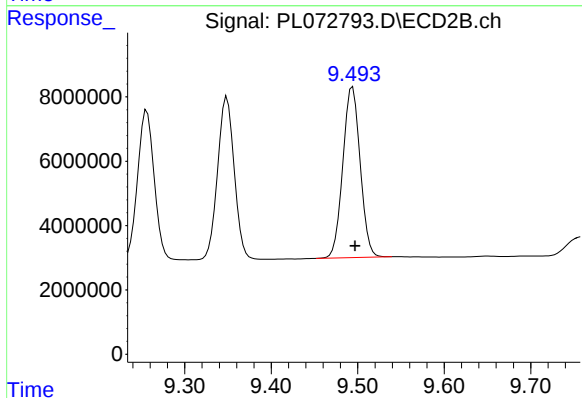
#19 Endosulfan Sulfate

R.T.: 8.703 min
Delta R.T.: -0.002 min
Response: 28775691
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

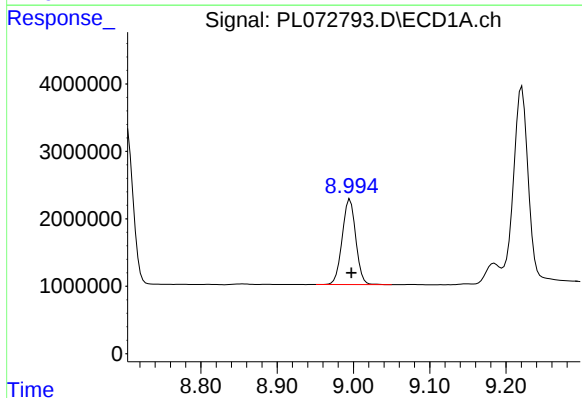
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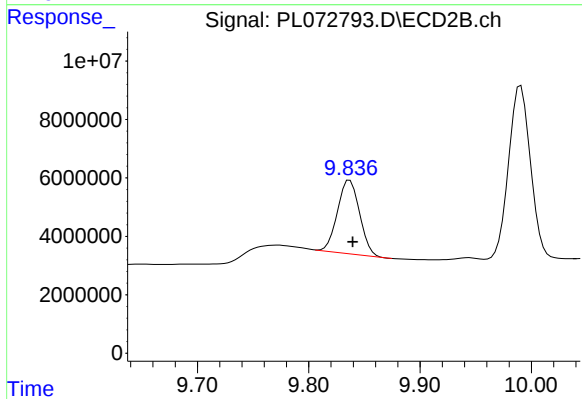
#19 Endosulfan Sulfate

R.T.: 9.494 min
Delta R.T.: -0.003 min
Response: 73448146
Conc: 49.10 ng/ml



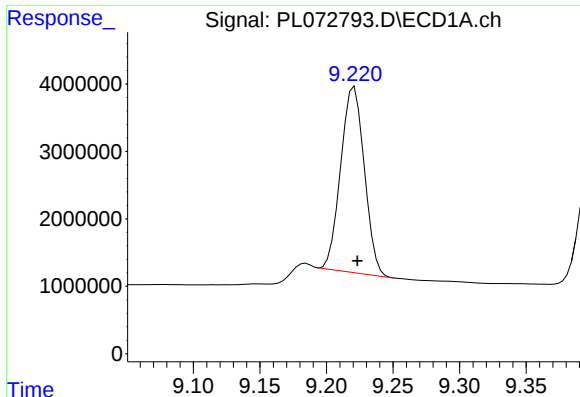
#20 Methoxychlor

R.T.: 8.995 min
Delta R.T.: -0.002 min
Response: 15664334
Conc: 44.55 ng/ml



#20 Methoxychlor

R.T.: 9.836 min
Delta R.T.: -0.004 min
Response: 34867879
Conc: 43.07 ng/ml m



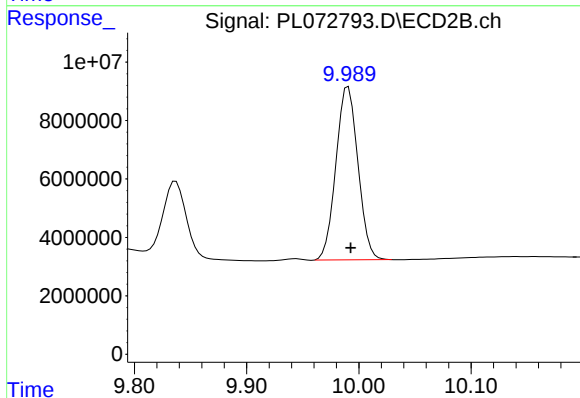
#21 Endrin ketone

R.T.: 9.220 min
Delta R.T.: -0.004 min
Response: 34005324
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

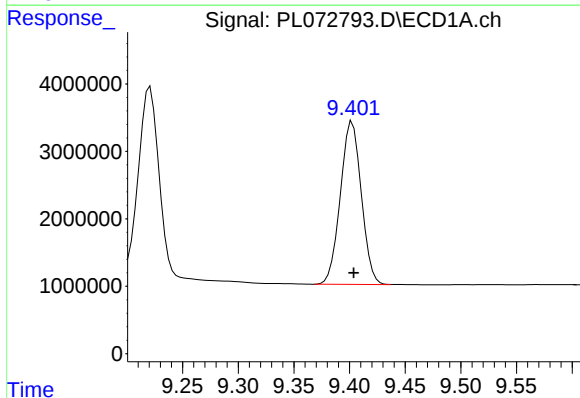
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2022
Supervised By :Ankita Jodhani 02/21/2022



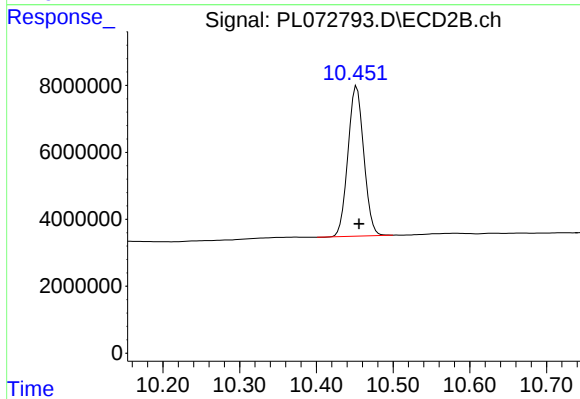
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.002 min
Response: 80938414
Conc: 50.80 ng/ml



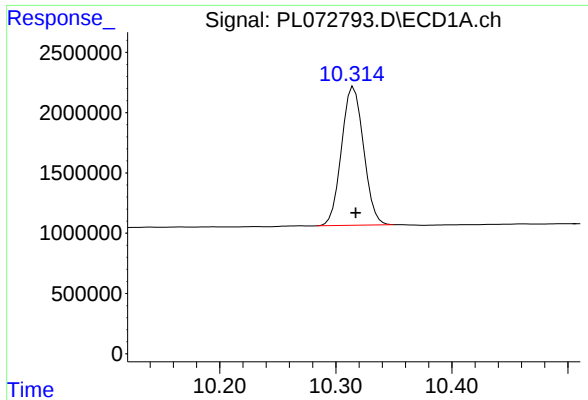
#22 Mirex

R.T.: 9.401 min
Delta R.T.: -0.003 min
Response: 31646765
Conc: 53.34 ng/ml m



#22 Mirex

R.T.: 10.453 min
Delta R.T.: -0.003 min
Response: 64686298
Conc: 55.10 ng/ml



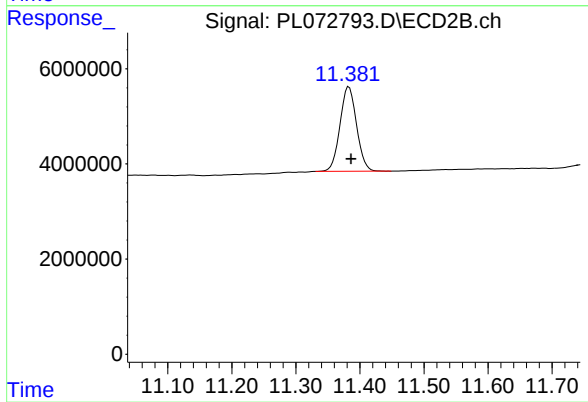
#28 Decachlorobiphenyl

R.T.: 10.315 min
Delta R.T.: -0.002 min
Response: 15186608
Conc: 20.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

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#28 Decachlorobiphenyl

R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 31944753
Conc: 20.14 ng/ml