

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051822\
 Data File : PL074804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2022 20:18
 Operator : AR\AJ
 Sample : PB144913BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144913BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/19/2022
 Supervised By : mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 03:17:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.646	4.650	10191258	26787882	20.072	19.517
28)	SA Decachlor...	11.644	10.402	10533642	27421452	23.587	26.716
Target Compounds							
2)	A alpha-BHC	6.230	5.353	41432169	106.0E6	60.560	63.012
3)	MA gamma-BHC...	6.628	5.773	39008992	101.1E6	60.432	61.202
4)	MA Heptachlor	7.283	6.184	38814569	96160975	60.143	63.353
5)	MB Aldrin	7.657	6.508	37901396	97313871	61.183	64.856
6)	B beta-BHC	6.879	6.150	17180134	44384102	57.564	55.901
7)	B delta-BHC	7.150	6.412	36852723	96094984	58.772	61.454
8)	B Heptachlo...	8.124	7.081	34388632	88388081	60.464	63.507
9)	A Endosulfan I	8.533	7.484	33817691	80398261	58.660	64.260
10)	B gamma-Chl...	8.394	7.358	33535829	89442797	64.835m	64.541
11)	B alpha-Chl...	8.477	7.428	36429307	88465302	59.671	65.441
12)	B 4,4'-DDE	8.662	7.640	29728356	79231990	64.218	67.334
13)	MA Dieldrin	8.824	7.769	33579068	87006034	63.886	68.298
14)	MA Endrin	9.064	8.059	27802296	74293162	67.373	70.333
15)	B Endosulfa...	9.298	8.369	29586068	76267230	67.301	67.517
16)	A 4,4'-DDD	9.204	8.224	25085670	65860512	55.484	66.854
17)	MA 4,4'-DDT	9.523	8.485	27932951	70144074	60.773	70.108
18)	B Endrin al...	9.433	8.557	24824182	59516990	70.141	74.519
19)	B Endosulfa...	9.671	8.787	28263759	72240804	62.534	66.365
20)	A Methoxychlor	10.009	9.078	16110947	41182826	65.782	70.471
21)	B Endrin ke...	10.173	9.306	32442160	80932061	63.260	72.592
22)	Mirex	10.648	9.495	24486188	63295957	60.683	65.348

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051822\
 Data File : PL074804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2022 20:18
 Operator : AR\AJ
 Sample : PB144913BS
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 ALS Vial : 30 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB144913BS

Manual Integrations

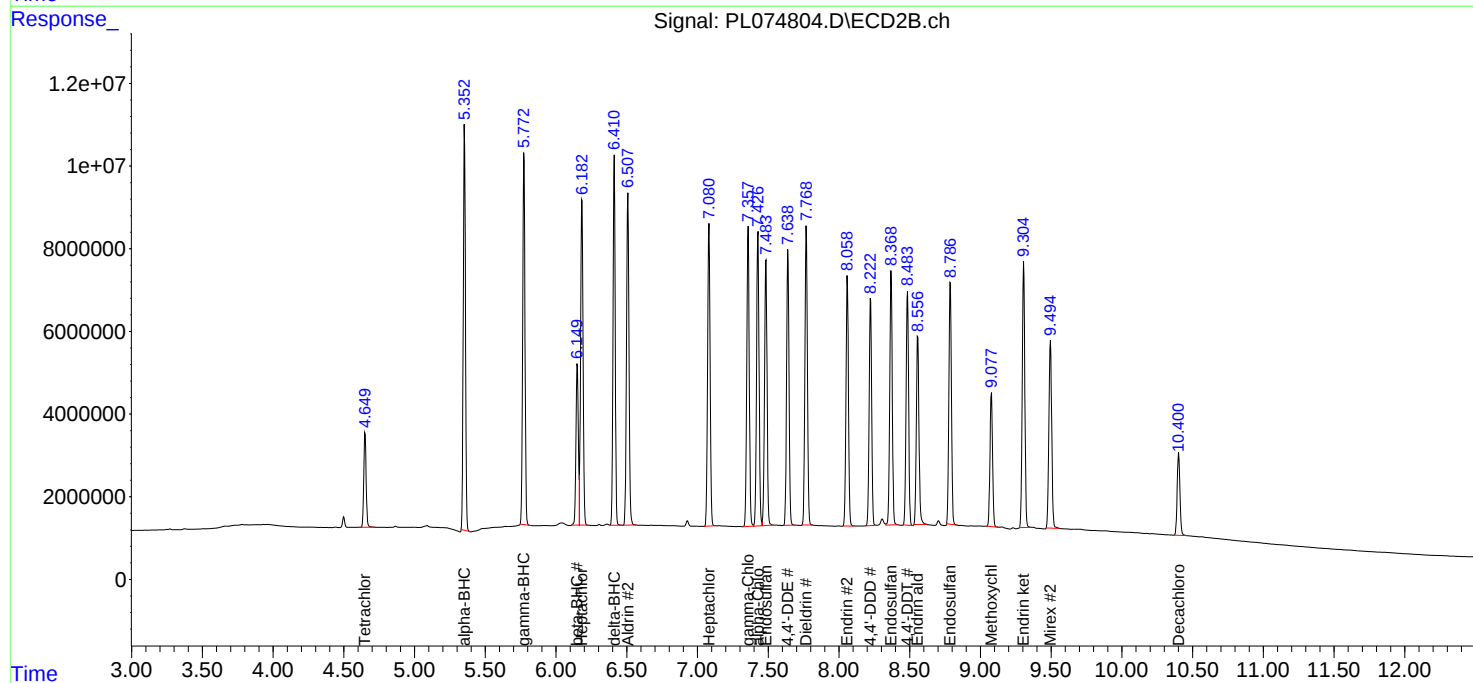
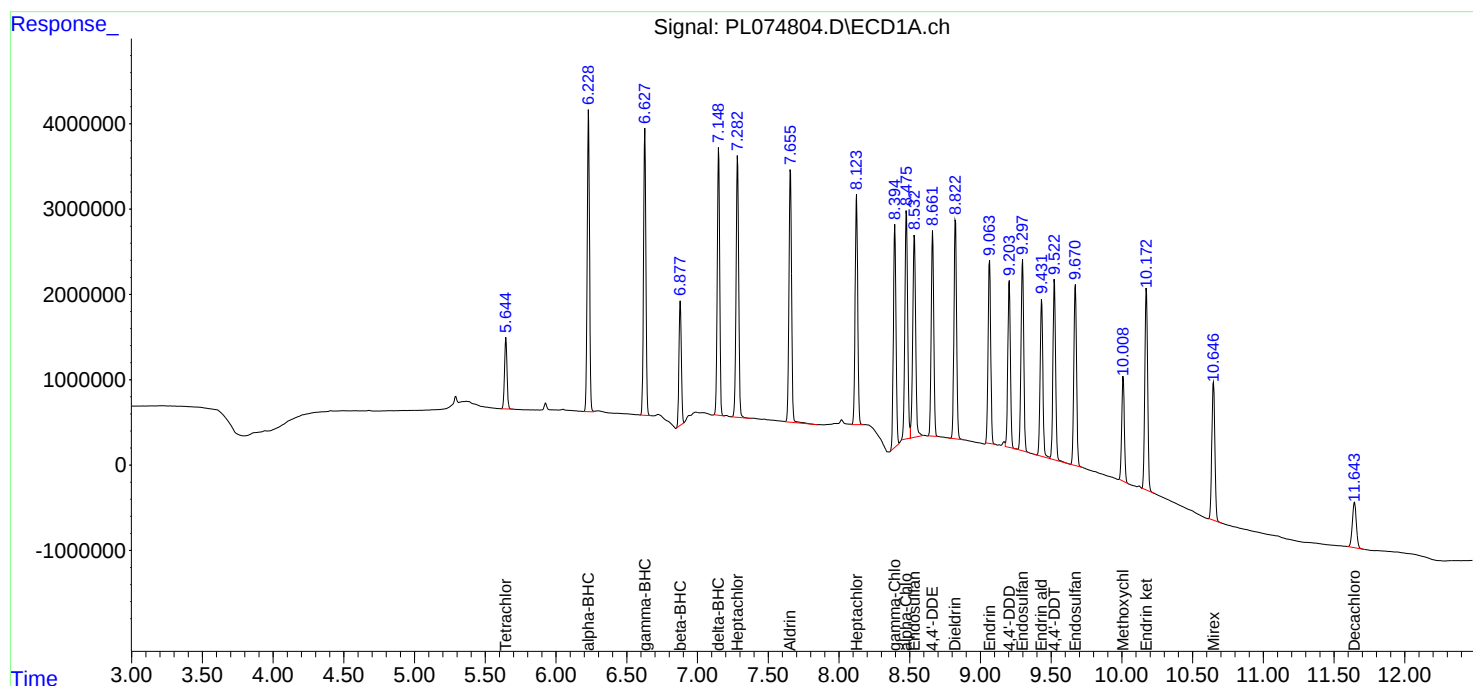
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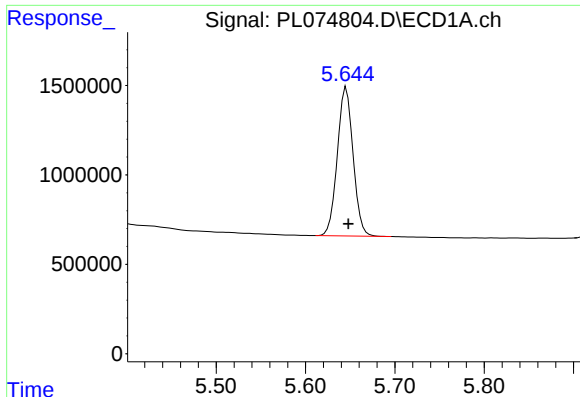
Reviewed By :Abdul Mirza 05/19/2022

Supervised By :mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 03:17:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





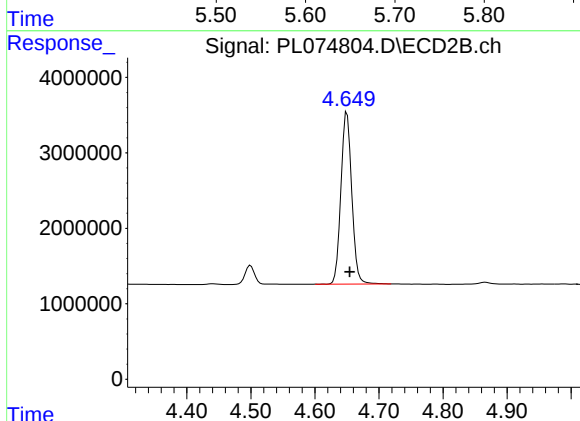
#1 Tetrachloro-m-xylene

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 10191258
Conc: 20.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

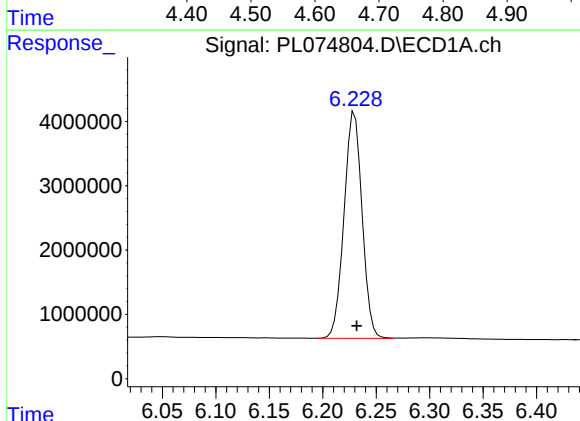
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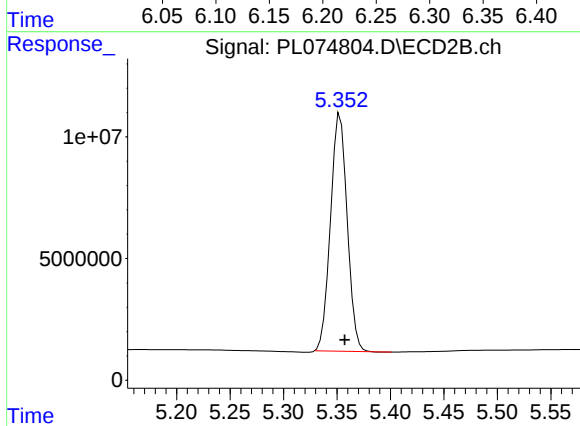
#1 Tetrachloro-m-xylene

R.T.: 4.650 min
Delta R.T.: -0.004 min
Response: 26787882
Conc: 19.52 ng/ml



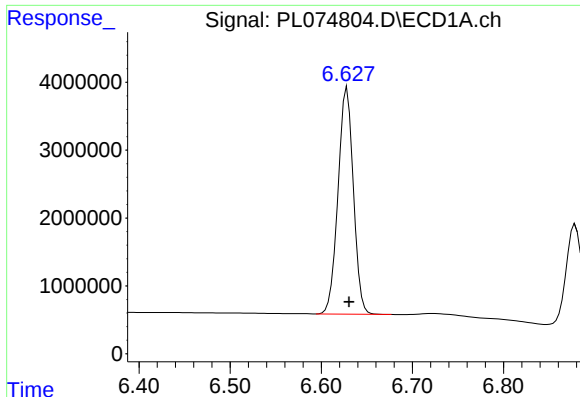
#2 alpha-BHC

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 41432169
Conc: 60.56 ng/ml



#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: -0.004 min
Response: 106043104
Conc: 63.01 ng/ml



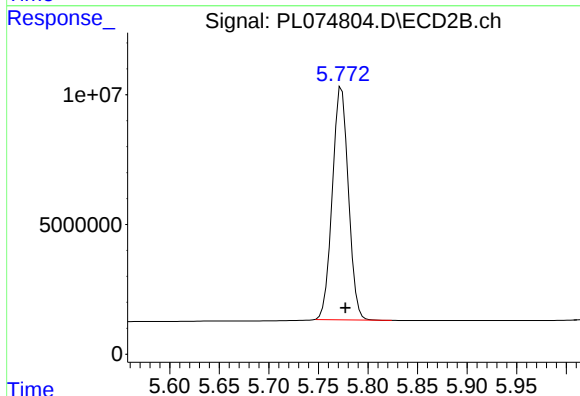
#3 gamma-BHC (Lindane)

R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 39008992
Conc: 60.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

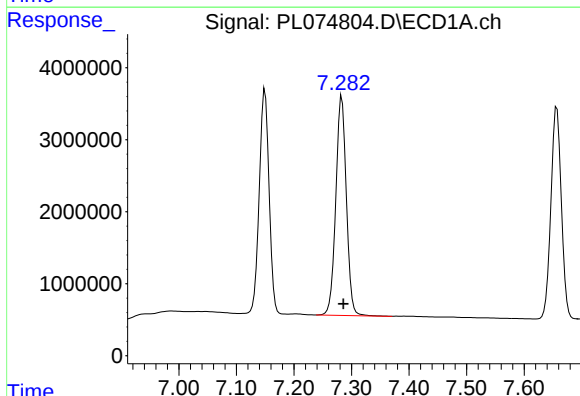
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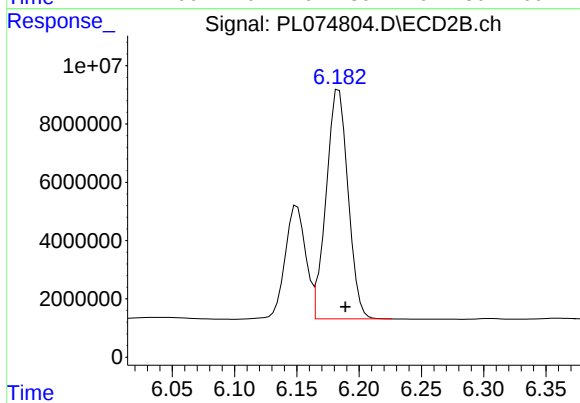
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.004 min
Response: 101130428
Conc: 61.20 ng/ml



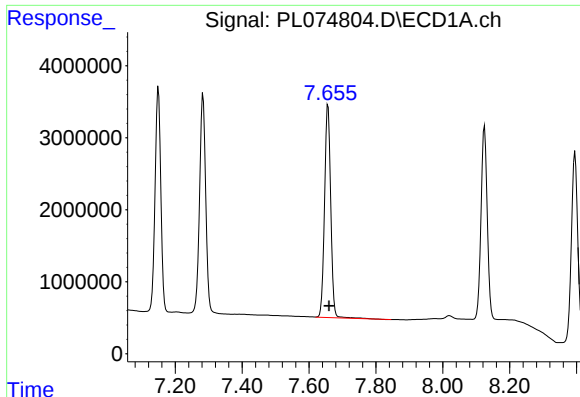
#4 Heptachlor

R.T.: 7.283 min
Delta R.T.: -0.003 min
Response: 38814569
Conc: 60.14 ng/ml



#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 96160975
Conc: 63.35 ng/ml



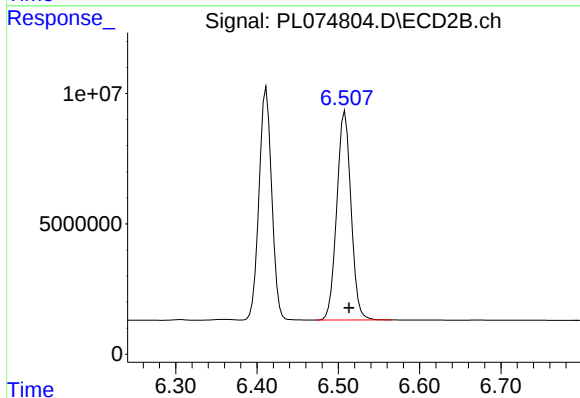
#5 Aldrin

R.T.: 7.657 min
Delta R.T.: -0.003 min
Response: 37901396
Conc: 61.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

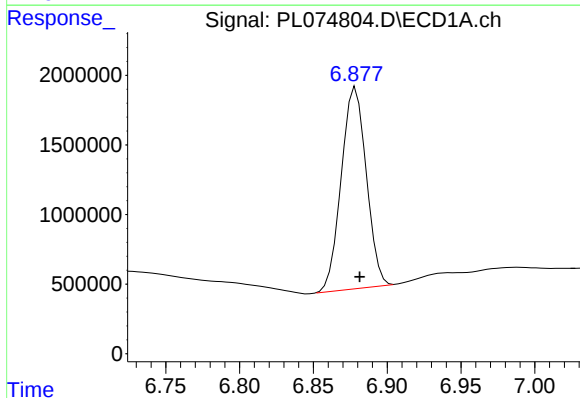
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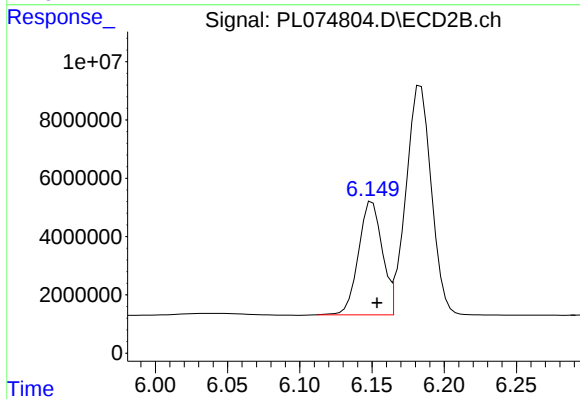
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 97313871
Conc: 64.86 ng/ml



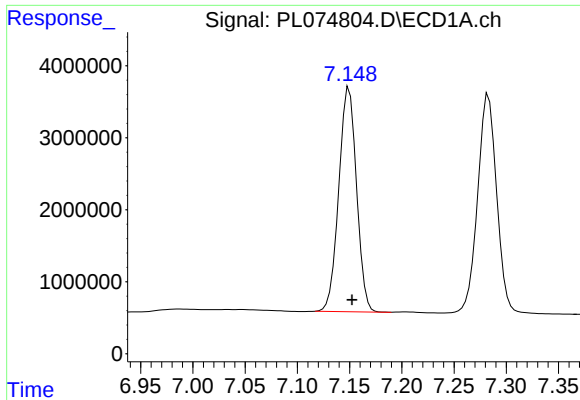
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 17180134
Conc: 57.56 ng/ml



#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.003 min
Response: 44384102
Conc: 55.90 ng/ml



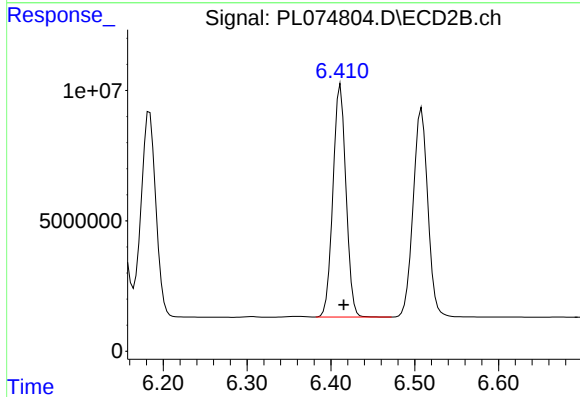
#7 delta-BHC

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 36852723
Conc: 58.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

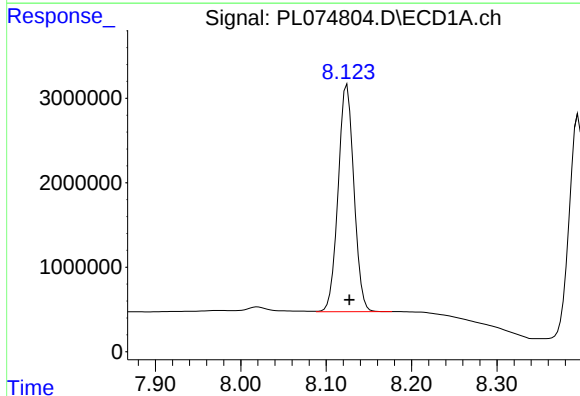
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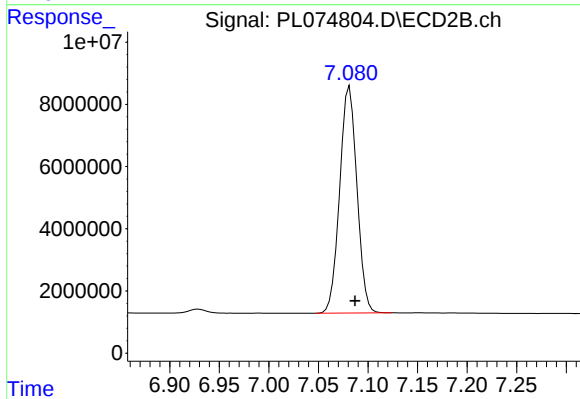
#7 delta-BHC

R.T.: 6.412 min
Delta R.T.: -0.004 min
Response: 96094984
Conc: 61.45 ng/ml



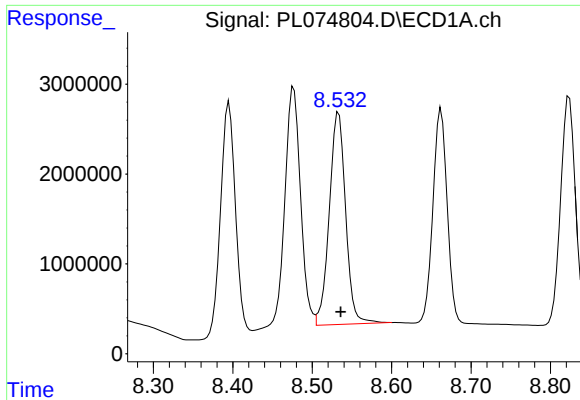
#8 Heptachlor epoxide

R.T.: 8.124 min
Delta R.T.: -0.003 min
Response: 34388632
Conc: 60.46 ng/ml



#8 Heptachlor epoxide

R.T.: 7.081 min
Delta R.T.: -0.005 min
Response: 88388081
Conc: 63.51 ng/ml



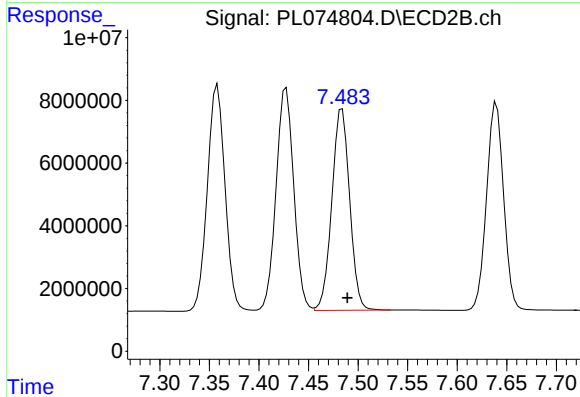
#9 Endosulfan I

R.T.: 8.533 min
Delta R.T.: -0.003 min
Response: 33817691
Conc: 58.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

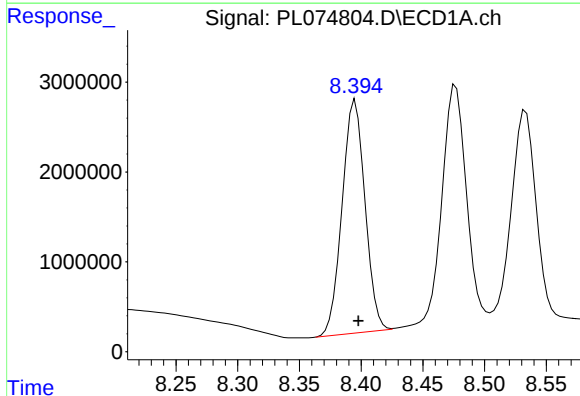
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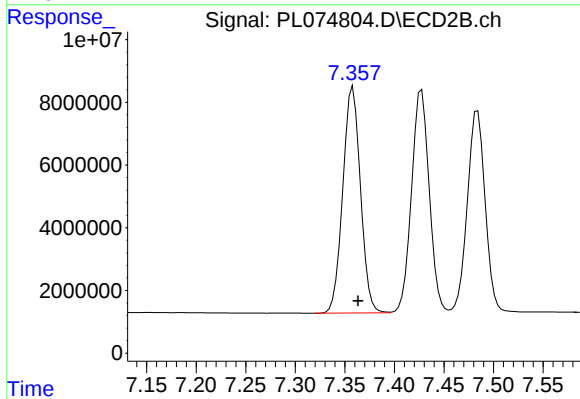
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: -0.005 min
Response: 80398261
Conc: 64.26 ng/ml



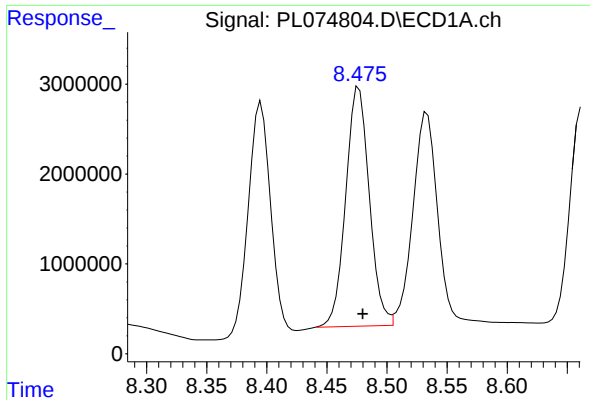
#10 gamma-Chlordane

R.T.: 8.394 min
Delta R.T.: -0.004 min
Response: 33535829
Conc: 64.83 ng/ml m



#10 gamma-Chlordane

R.T.: 7.358 min
Delta R.T.: -0.005 min
Response: 89442797
Conc: 64.54 ng/ml



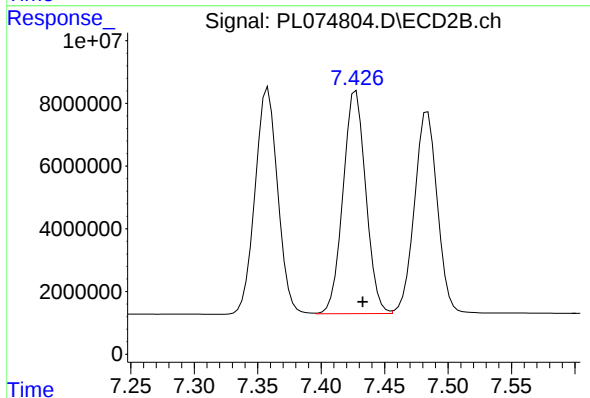
#11 alpha-Chlordane

R.T.: 8.477 min
Delta R.T.: -0.003 min
Response: 36429307
Conc: 59.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

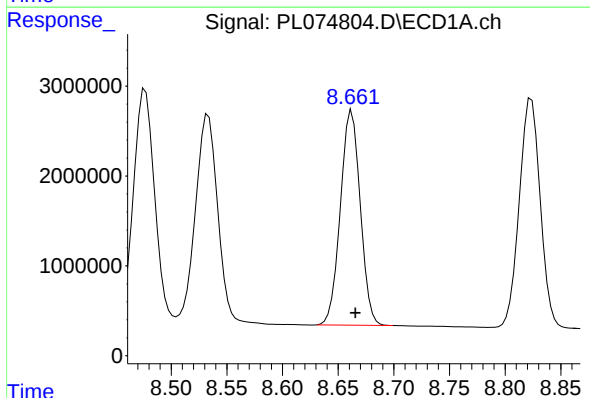
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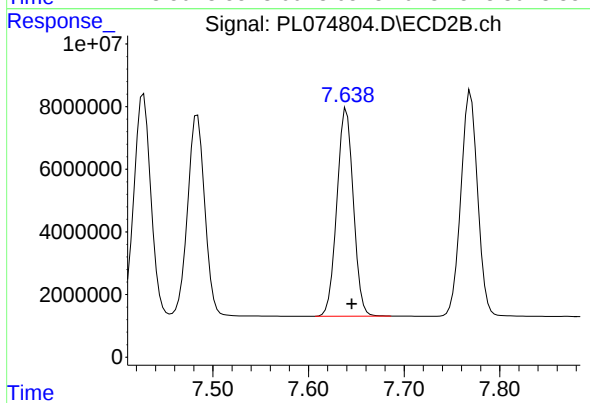
#11 alpha-Chlordane

R.T.: 7.428 min
Delta R.T.: -0.005 min
Response: 88465302
Conc: 65.44 ng/ml



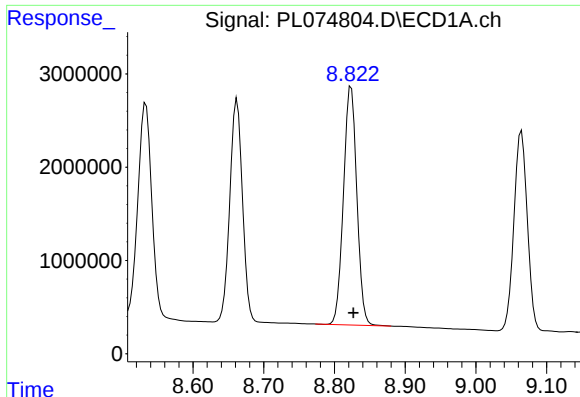
#12 4,4'-DDE

R.T.: 8.662 min
Delta R.T.: -0.003 min
Response: 29728356
Conc: 64.22 ng/ml



#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.006 min
Response: 79231990
Conc: 67.33 ng/ml



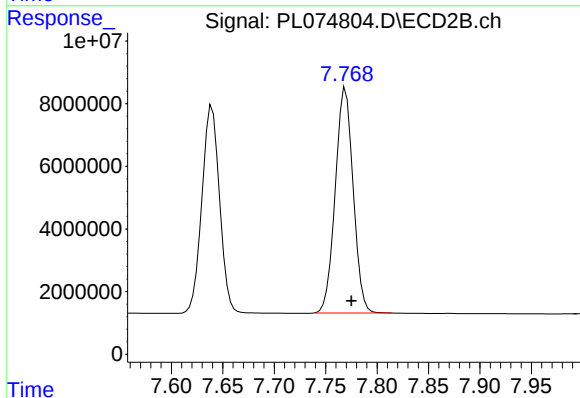
#13 Dieldrin

R.T.: 8.824 min
Delta R.T.: -0.003 min
Response: 33579068
Conc: 63.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

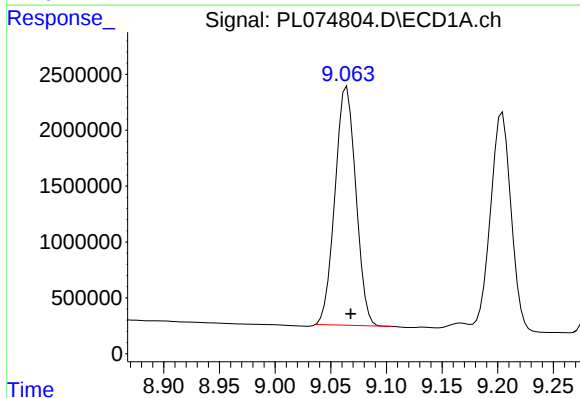
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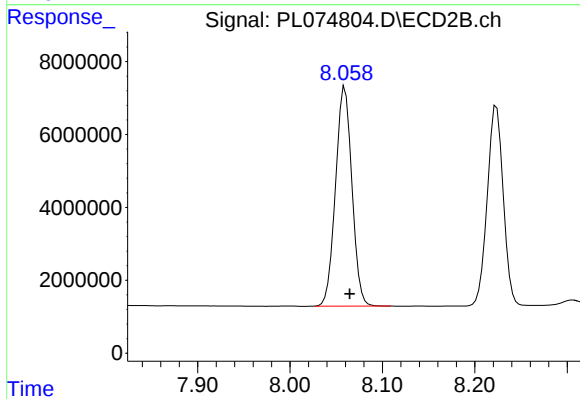
#13 Dieldrin

R.T.: 7.769 min
Delta R.T.: -0.006 min
Response: 87006034
Conc: 68.30 ng/ml



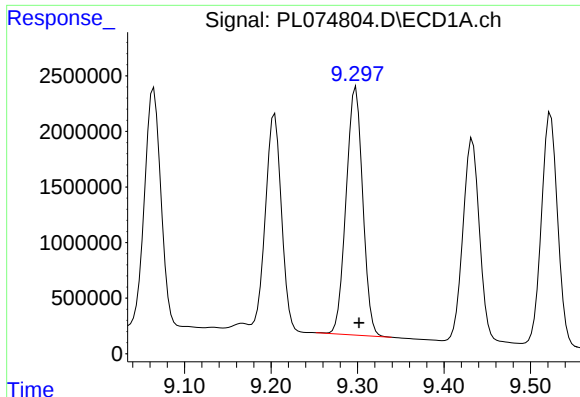
#14 Endrin

R.T.: 9.064 min
Delta R.T.: -0.004 min
Response: 27802296
Conc: 67.37 ng/ml



#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 74293162
Conc: 70.33 ng/ml



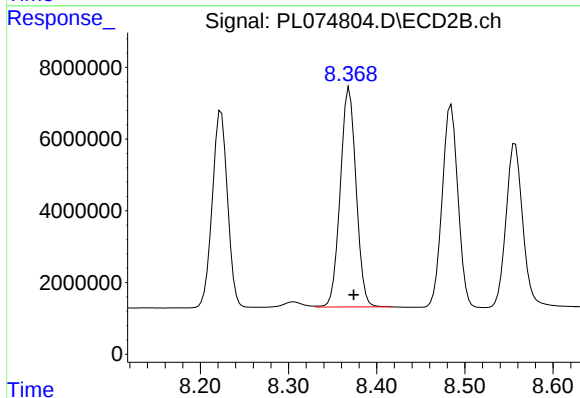
#15 Endosulfan II

R.T.: 9.298 min
Delta R.T.: -0.004 min
Response: 29586068
Conc: 67.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

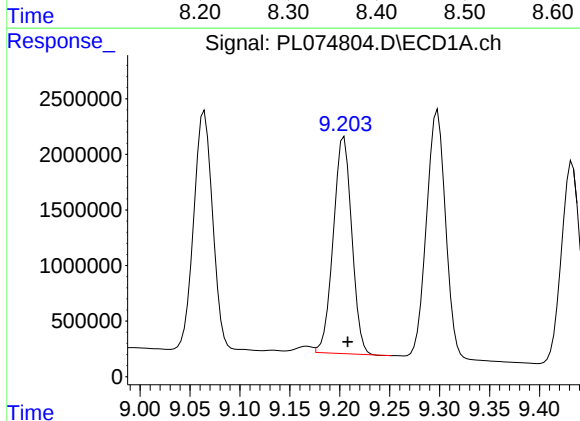
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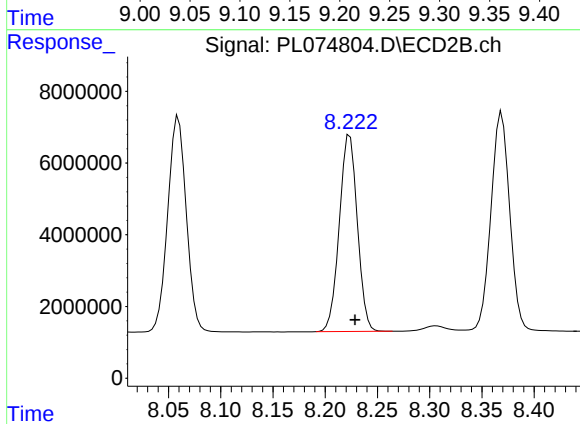
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.005 min
Response: 76267230
Conc: 67.52 ng/ml



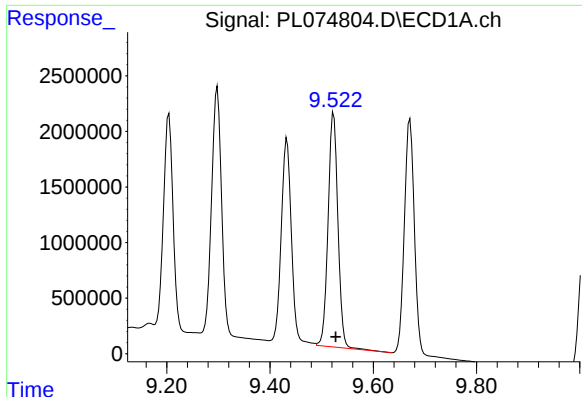
#16 4,4'-DDD

R.T.: 9.204 min
Delta R.T.: -0.004 min
Response: 25085670
Conc: 55.48 ng/ml



#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 65860512
Conc: 66.85 ng/ml



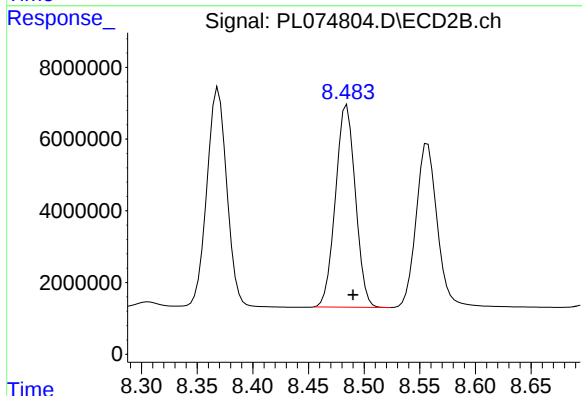
#17 4,4'-DDT

R.T.: 9.523 min
Delta R.T.: -0.004 min
Response: 27932951
Conc: 60.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

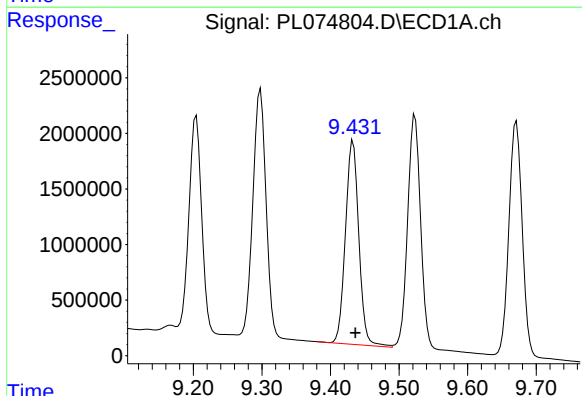
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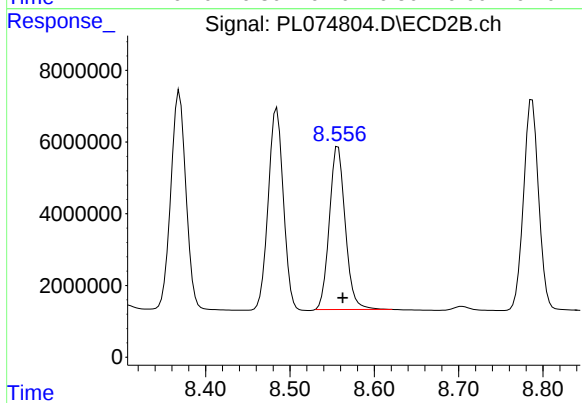
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.005 min
Response: 70144074
Conc: 70.11 ng/ml



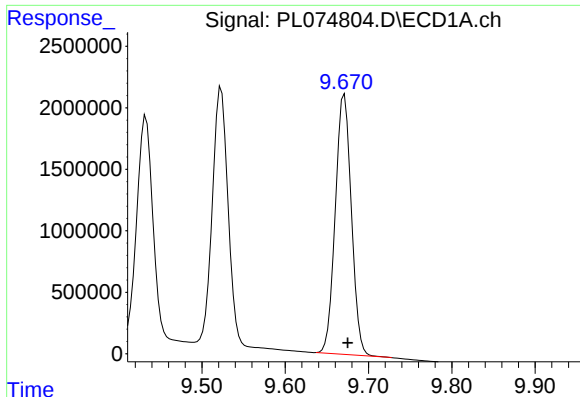
#18 Endrin aldehyde

R.T.: 9.433 min
Delta R.T.: -0.003 min
Response: 24824182
Conc: 70.14 ng/ml



#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.005 min
Response: 59516990
Conc: 74.52 ng/ml



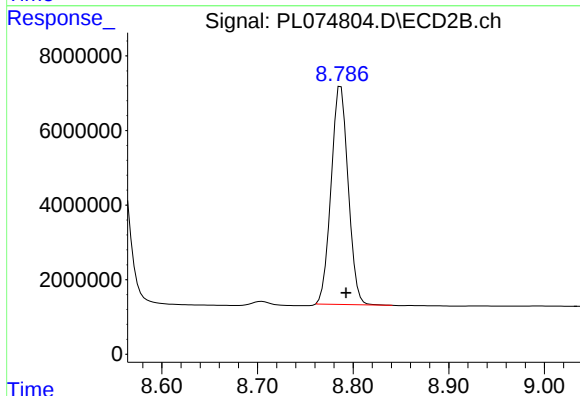
#19 Endosulfan Sulfate

R.T.: 9.671 min
Delta R.T.: -0.004 min
Response: 28263759
Conc: 62.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

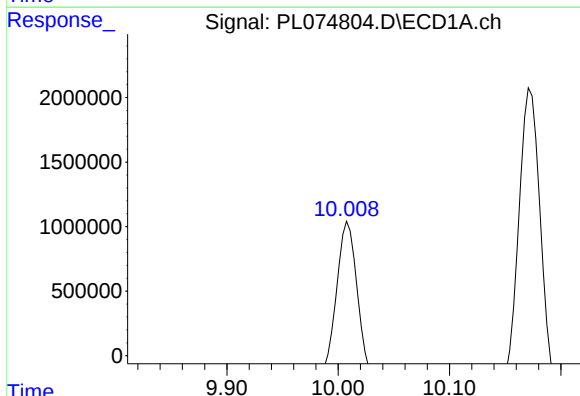
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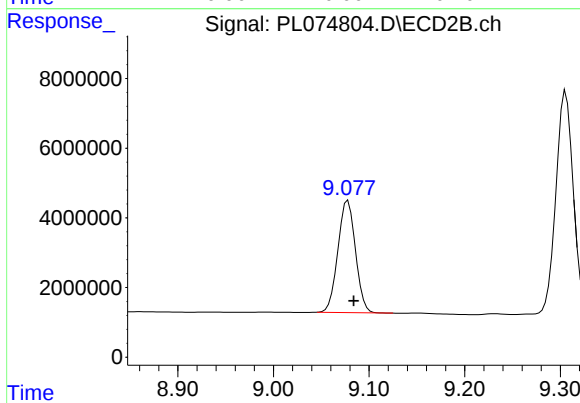
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.005 min
Response: 72240804
Conc: 66.36 ng/ml



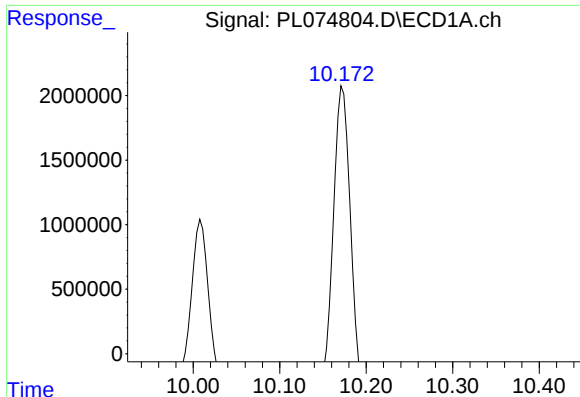
#20 Methoxychlor

R.T.: 10.009 min
Delta R.T.: -0.004 min
Response: 16110947
Conc: 65.78 ng/ml



#20 Methoxychlor

R.T.: 9.078 min
Delta R.T.: -0.006 min
Response: 41182826
Conc: 70.47 ng/ml



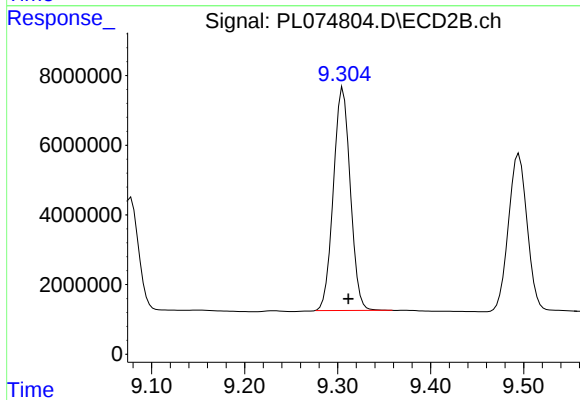
#21 Endrin ketone

R.T.: 10.173 min
Delta R.T.: -0.004 min
Response: 32442160
Conc: 63.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

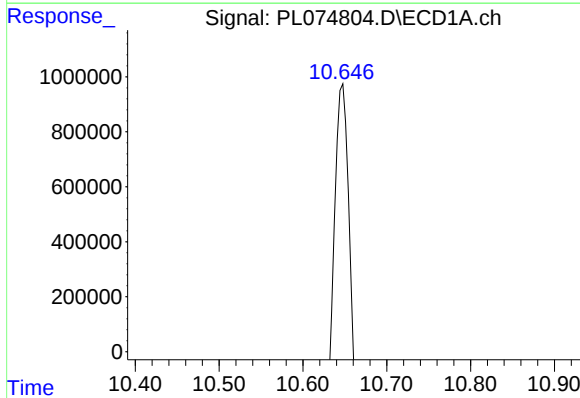
Manual Integrations
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Reviewed By :Abdul Mirza 05/19/2022
Supervised By :mohammad ahmed 05/19/2022



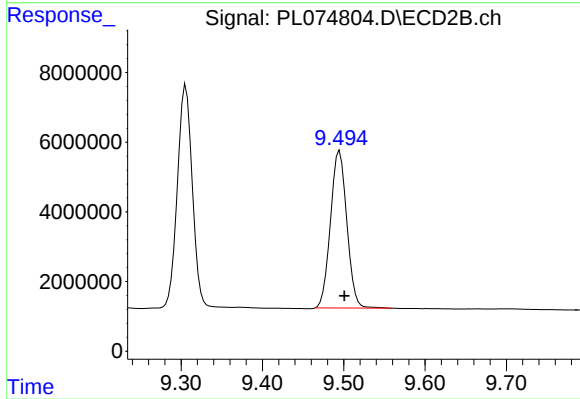
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.006 min
Response: 80932061
Conc: 72.59 ng/ml



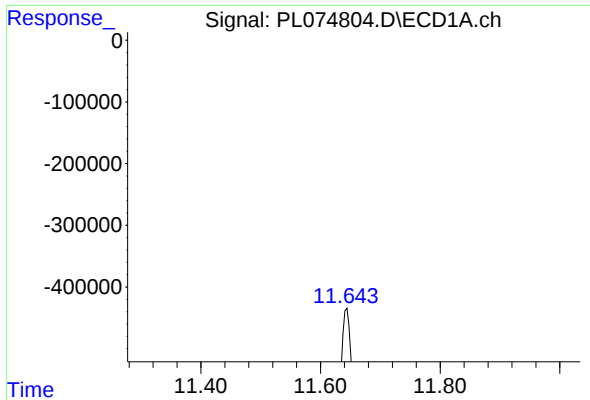
#22 Mirex

R.T.: 10.648 min
Delta R.T.: -0.004 min
Response: 24486188
Conc: 60.68 ng/ml



#22 Mirex

R.T.: 9.495 min
Delta R.T.: -0.006 min
Response: 63295957
Conc: 65.35 ng/ml



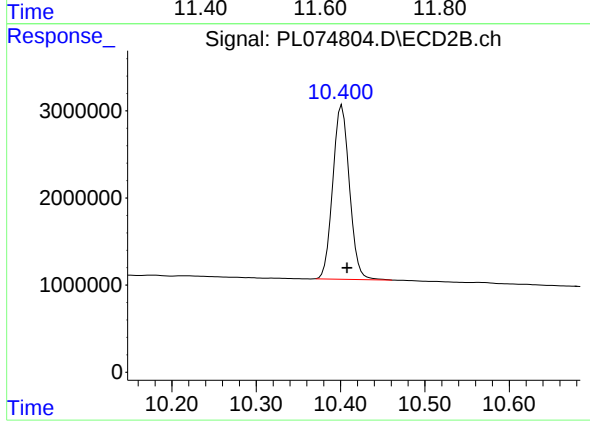
#28 Decachlorobiphenyl

R.T.: 11.644 min
Delta R.T.: -0.007 min
Response: 10533642
Conc: 23.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2022
Supervised By :mohammad ahmed 05/19/2022



#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.006 min
Response: 27421452
Conc: 26.72 ng/ml