

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011022\
 Data File : PL071912.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2022 17:22
 Operator : AR\AJ
 Sample : PB141941BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB141941BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/11/2022
 Supervised By : mohammad ahmed 01/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 01:35:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 10:33:37 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...	4.558	5.494	9194339	24599362	19.903	20.022
28)	SA Decachlor...	10.320	11.388	15474193	25999954	21.402m	21.941
Target Compounds							
2)	A alpha-BHC	5.264	6.075	30582634	87684902	49.530	50.294
3)	MA gamma-BHC...	5.688	6.471	30219004	82844282	49.644	51.215
4)	MA Heptachlor	6.094	7.118	34282021	85789630	50.218	53.538
5)	MB Aldrin	6.418	7.487	30307644	77943101	48.136	50.592
6)	B beta-BHC	6.072	6.731	13897964	37481498	51.366	52.458
7)	B delta-BHC	6.330	6.996	30760244	82914065	49.189	54.012
8)	B Heptachlo...	6.995	7.955	30178874	75086765	49.473	53.735
9)	A Endosulfan I	7.397	8.360	28628314	66998530	50.550	54.092
10)	B gamma-Chl...	7.272	8.224	30710786	72865729	49.530	53.287m
11)	B alpha-Chl...	7.342	8.304	30820838	71885029	49.775	54.014m
12)	B 4,4'-DDE	7.556	8.495	28245683	69441890	50.945	55.171
13)	MA Dieldrin	7.684	8.649	29295269	67914317	48.573	51.764
14)	MA Endrin	7.975	8.889	27224767	57518558	51.516	55.577
15)	B Endosulfa...	8.286	9.124	26578733	56684899	45.980m	50.478
16)	A 4,4'-DDD	8.143	9.035	24284789	54160311	50.432	56.336
17)	MA 4,4'-DDT	8.403	9.352	25345966	56133493	53.108	59.525
18)	B Endrin al...	8.476	9.259	22494876	45973539	49.573	54.176
19)	B Endosulfa...	8.707	9.497	28578920	55657388	48.875	53.576
20)	A Methoxychlor	9.000	9.840	15850346	27355677	51.213	55.554
21)	B Endrin ke...	9.224	9.994	35606917	60135692	51.381m	53.287
22)	Mirex	9.407	10.456	29516490	45043177	49.204	52.432

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011022\
 Data File : PL071912.D
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 Acq On : 10 Jan 2022 17:22
 Operator : AR\AJ
 Sample : PB141941BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

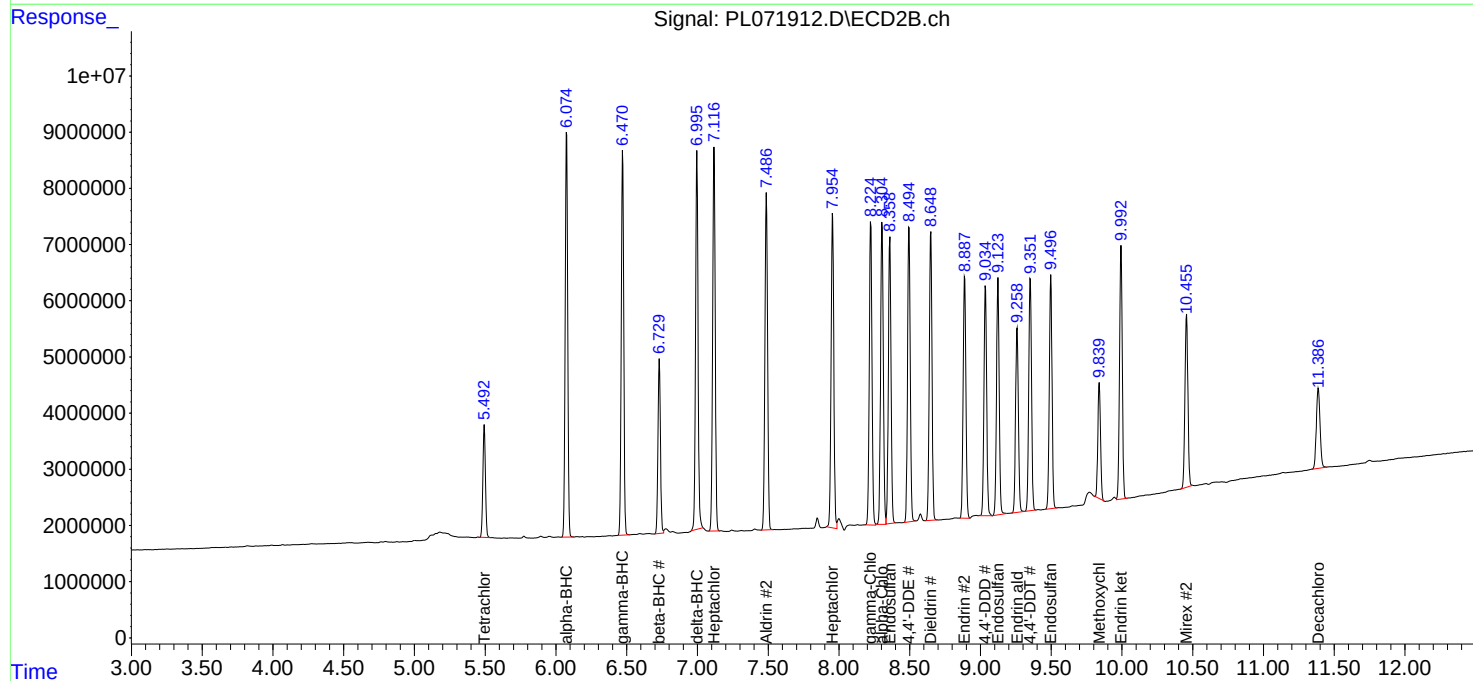
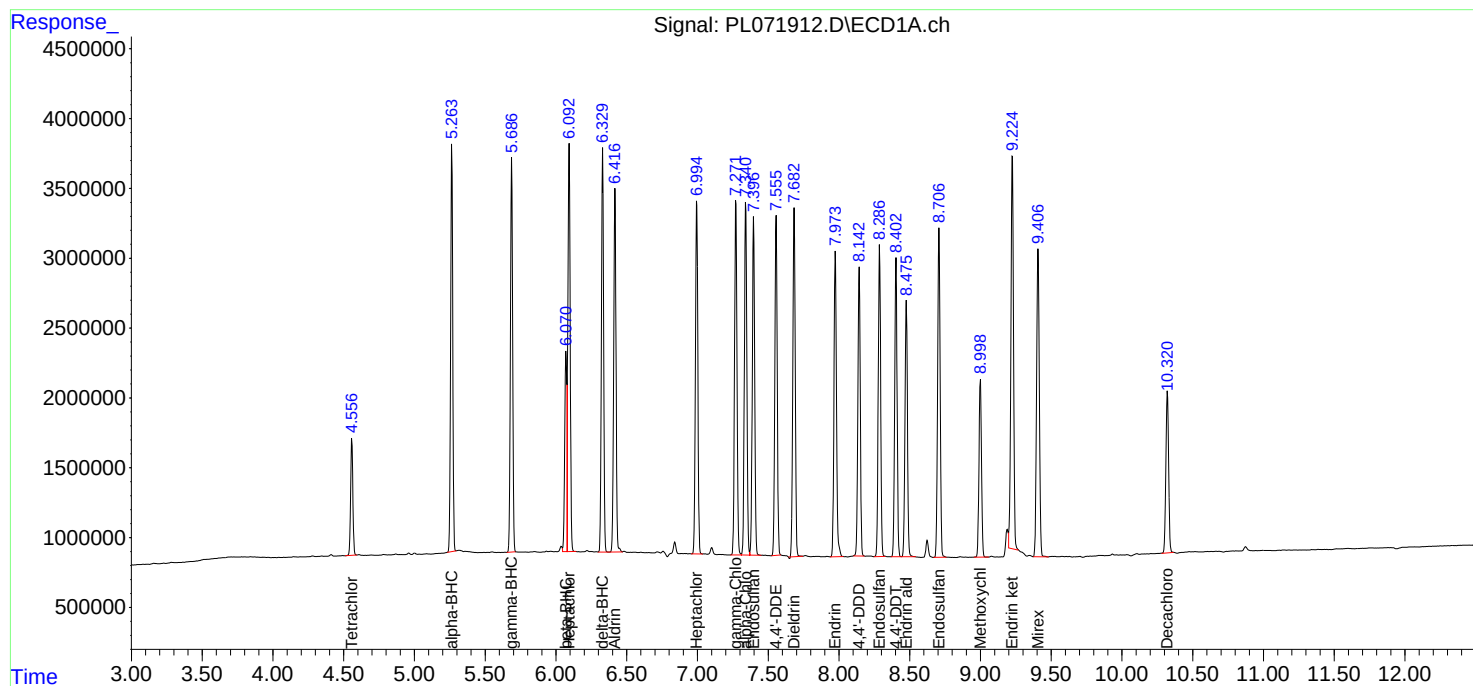
Instrument :
 ECD_L
 ClientSampleId :
 PB141941BSD

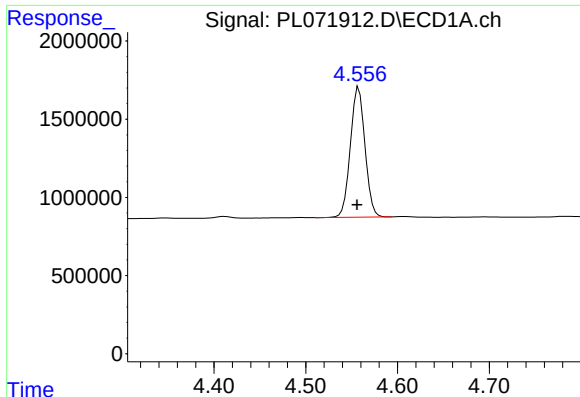
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 01/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 01:35:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.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





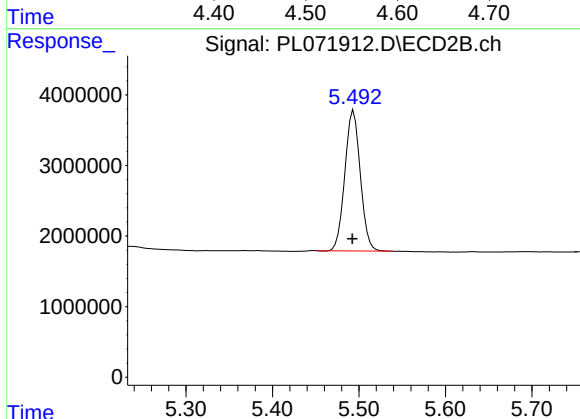
#1 Tetrachloro-m-xylene

R.T.: 4.558 min
Delta R.T.: 0.002 min
Response: 9194339
Conc: 19.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141941BSD

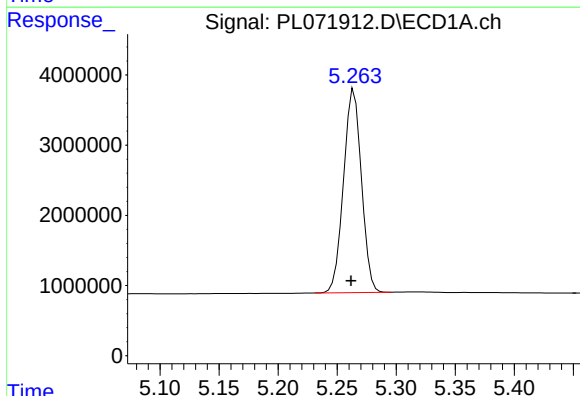
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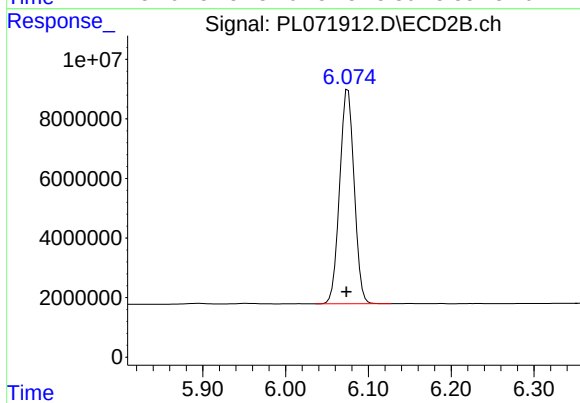
#1 Tetrachloro-m-xylene

R.T.: 5.494 min
Delta R.T.: 0.001 min
Response: 24599362
Conc: 20.02 ng/ml



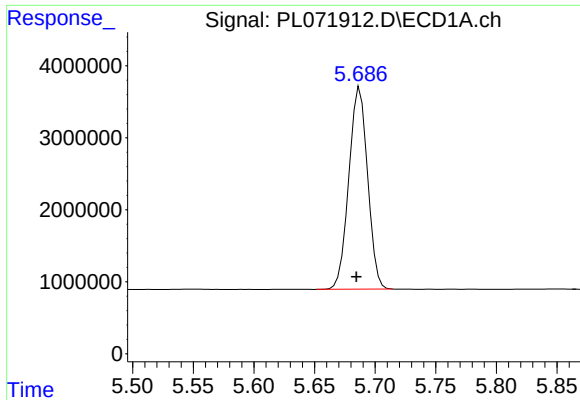
#2 alpha-BHC

R.T.: 5.264 min
Delta R.T.: 0.003 min
Response: 30582634
Conc: 49.53 ng/ml



#2 alpha-BHC

R.T.: 6.075 min
Delta R.T.: 0.002 min
Response: 87684902
Conc: 50.29 ng/ml



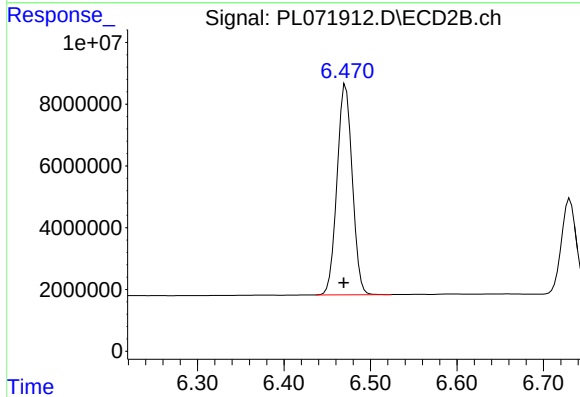
#3 gamma-BHC (Lindane)

R.T.: 5.688 min
Delta R.T.: 0.003 min
Response: 30219004
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141941BSD

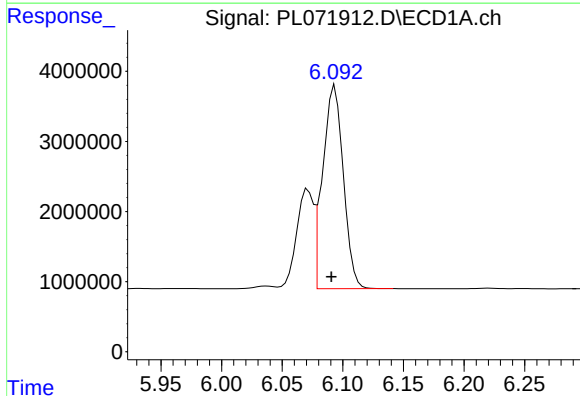
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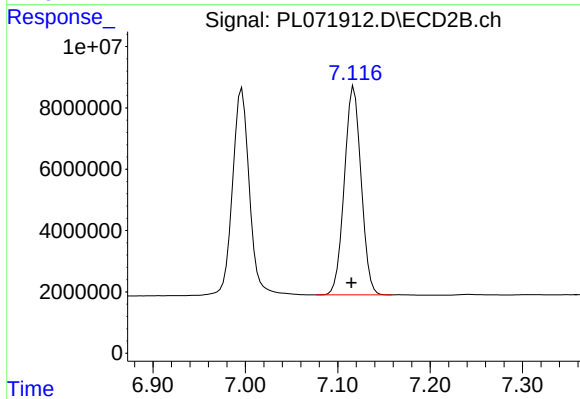
#3 gamma-BHC (Lindane)

R.T.: 6.471 min
Delta R.T.: 0.002 min
Response: 82844282
Conc: 51.21 ng/ml



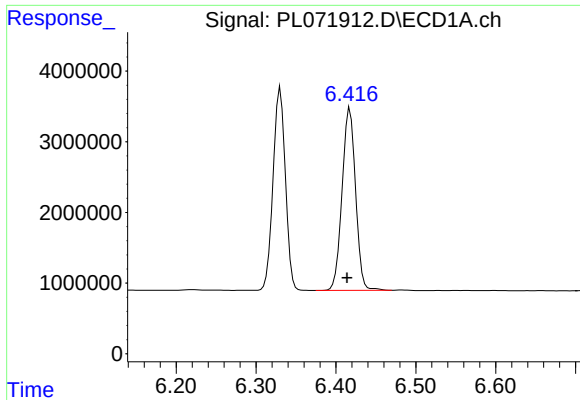
#4 Heptachlor

R.T.: 6.094 min
Delta R.T.: 0.003 min
Response: 34282021
Conc: 50.22 ng/ml



#4 Heptachlor

R.T.: 7.118 min
Delta R.T.: 0.003 min
Response: 85789630
Conc: 53.54 ng/ml



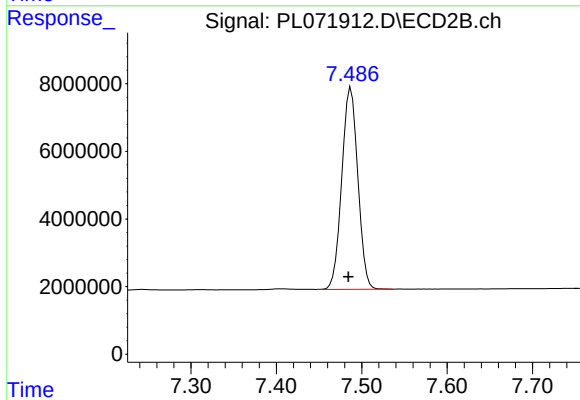
#5 Aldrin

R.T.: 6.418 min
Delta R.T.: 0.004 min
Response: 30307644
Conc: 48.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141941BSD

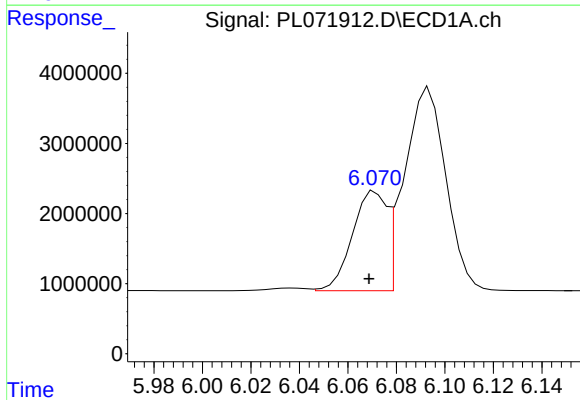
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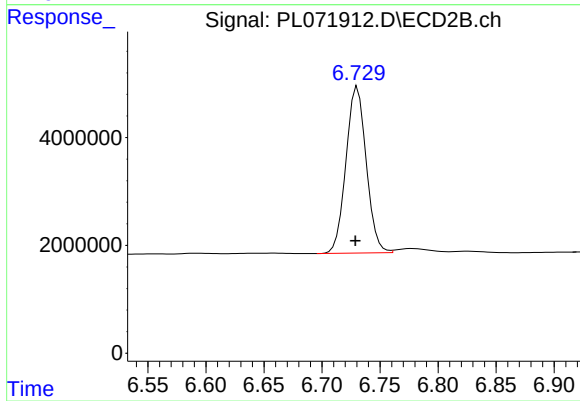
#5 Aldrin

R.T.: 7.487 min
Delta R.T.: 0.003 min
Response: 77943101
Conc: 50.59 ng/ml



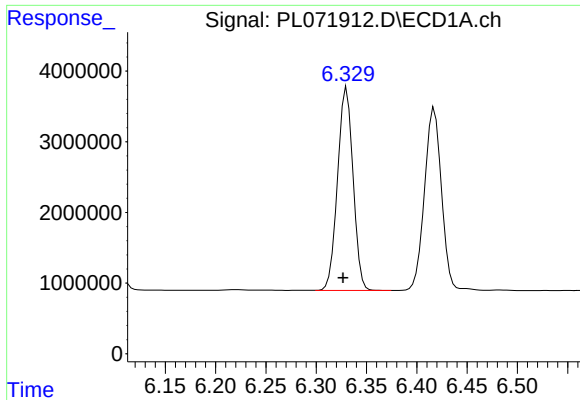
#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 13897964
Conc: 51.37 ng/ml



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 37481498
Conc: 52.46 ng/ml



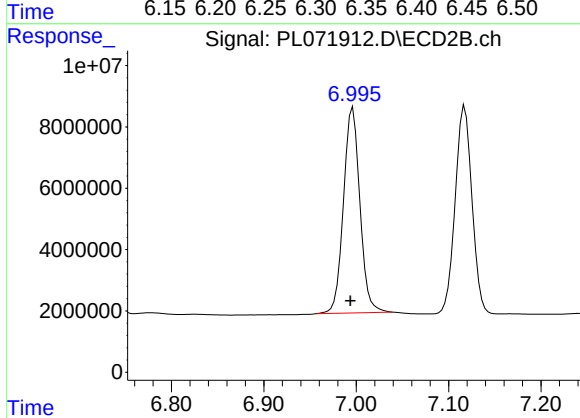
#7 delta-BHC

R.T.: 6.330 min
Delta R.T.: 0.004 min
Response: 30760244
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141941BSD

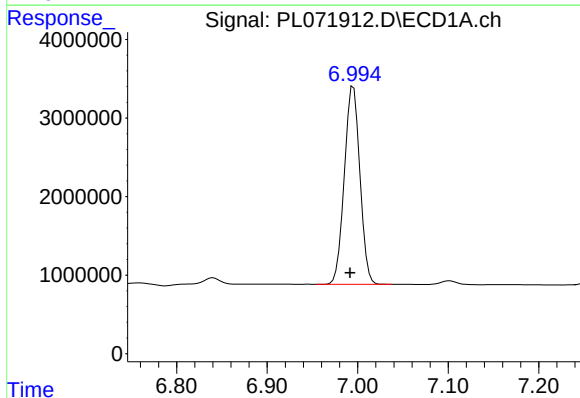
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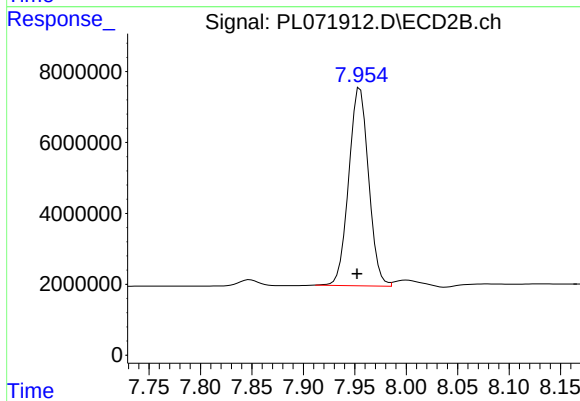
#7 delta-BHC

R.T.: 6.996 min
Delta R.T.: 0.003 min
Response: 82914065
Conc: 54.01 ng/ml



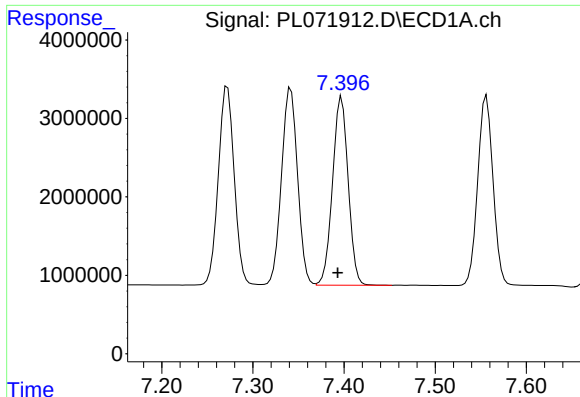
#8 Heptachlor epoxide

R.T.: 6.995 min
Delta R.T.: 0.004 min
Response: 30178874
Conc: 49.47 ng/ml



#8 Heptachlor epoxide

R.T.: 7.955 min
Delta R.T.: 0.003 min
Response: 75086765
Conc: 53.74 ng/ml



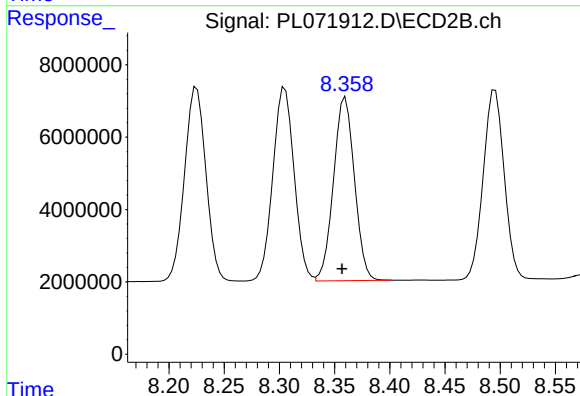
#9 Endosulfan I

R.T.: 7.397 min
Delta R.T.: 0.004 min
Response: 28628314
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141941BSD

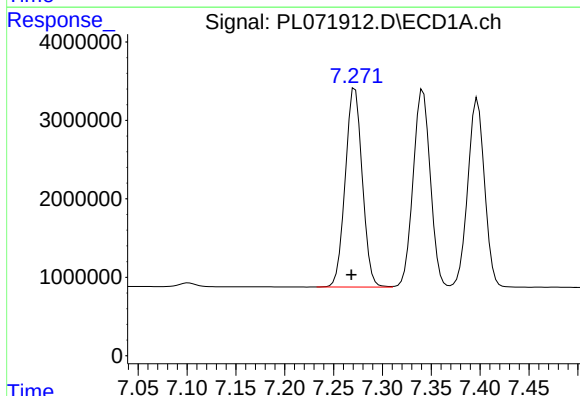
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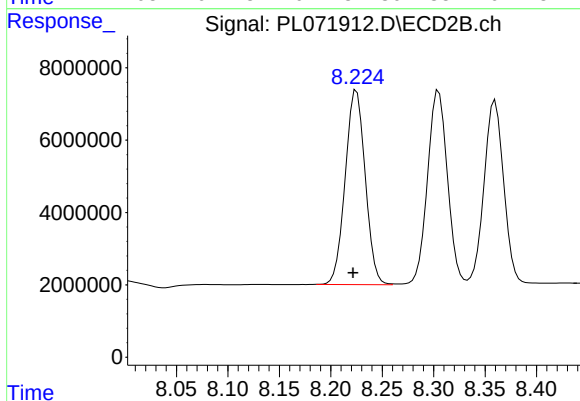
#9 Endosulfan I

R.T.: 8.360 min
Delta R.T.: 0.003 min
Response: 66998530
Conc: 54.09 ng/ml



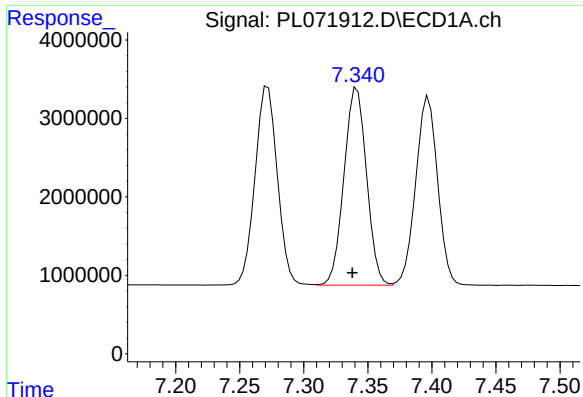
#10 gamma-Chlordane

R.T.: 7.272 min
Delta R.T.: 0.004 min
Response: 30710786
Conc: 49.53 ng/ml



#10 gamma-Chlordane

R.T.: 8.224 min
Delta R.T.: 0.002 min
Response: 72865729
Conc: 53.29 ng/ml m



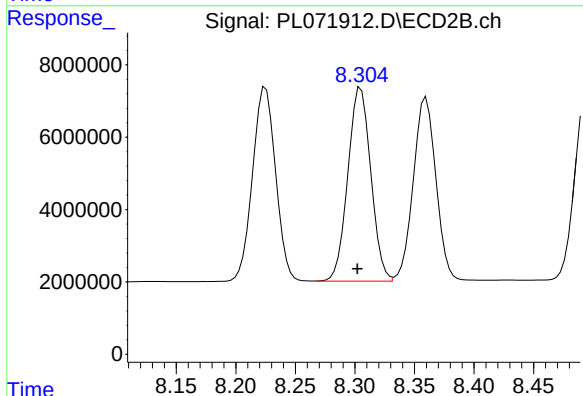
#11 alpha-Chlordane

R.T.: 7.342 min
Delta R.T.: 0.004 min
Response: 30820838
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141941BSD

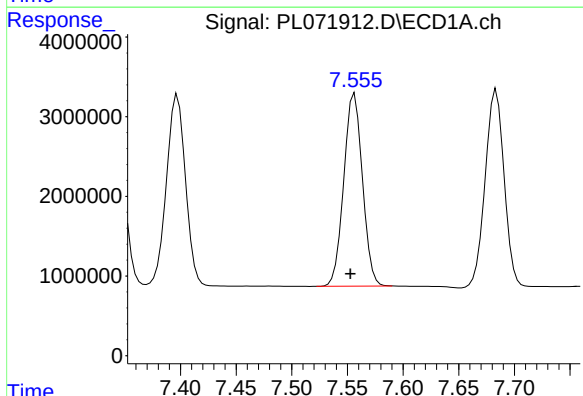
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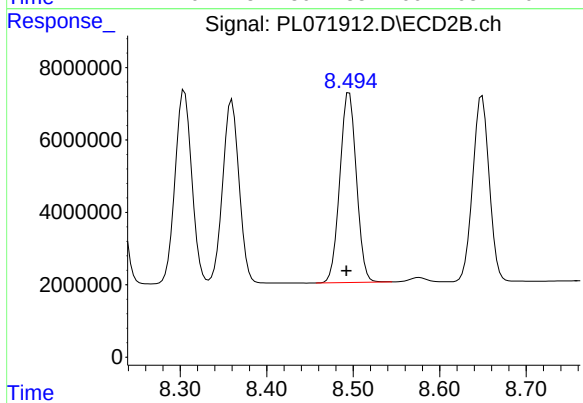
#11 alpha-Chlordane

R.T.: 8.304 min
Delta R.T.: 0.001 min
Response: 71885029
Conc: 54.01 ng/ml m



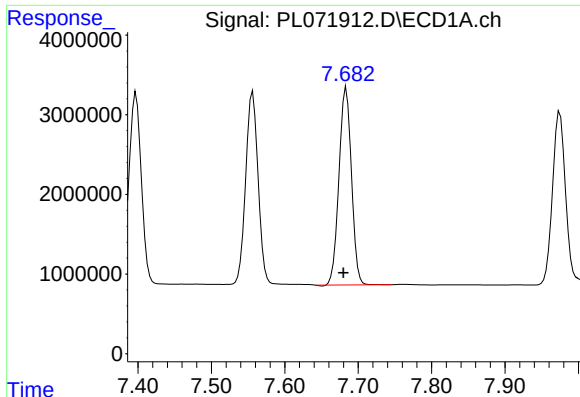
#12 4,4'-DDE

R.T.: 7.556 min
Delta R.T.: 0.004 min
Response: 28245683
Conc: 50.94 ng/ml



#12 4,4'-DDE

R.T.: 8.495 min
Delta R.T.: 0.003 min
Response: 69441890
Conc: 55.17 ng/ml



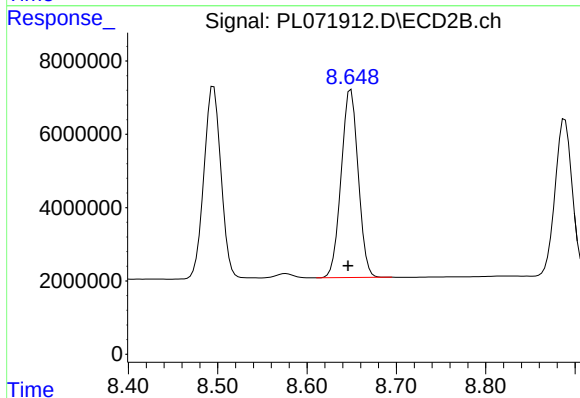
#13 Dieldrin

R.T.: 7.684 min
Delta R.T.: 0.004 min
Response: 29295269
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141941BSD

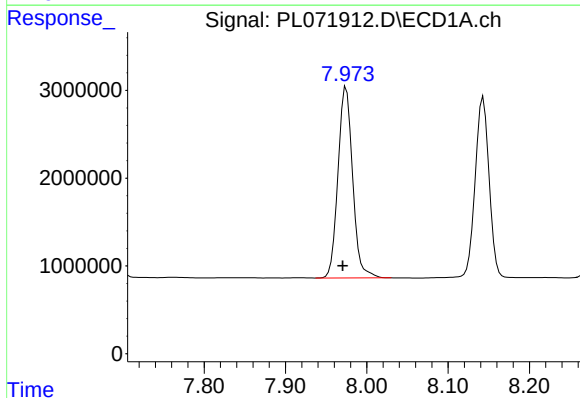
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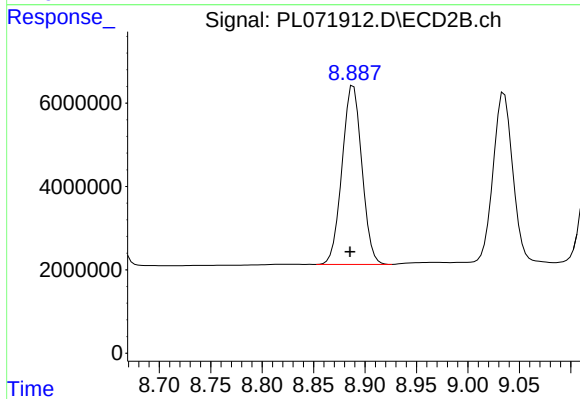
#13 Dieldrin

R.T.: 8.649 min
Delta R.T.: 0.003 min
Response: 67914317
Conc: 51.76 ng/ml



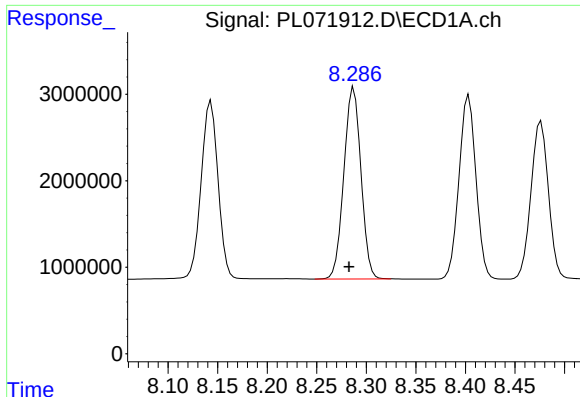
#14 Endrin

R.T.: 7.975 min
Delta R.T.: 0.004 min
Response: 27224767
Conc: 51.52 ng/ml



#14 Endrin

R.T.: 8.889 min
Delta R.T.: 0.003 min
Response: 57518558
Conc: 55.58 ng/ml



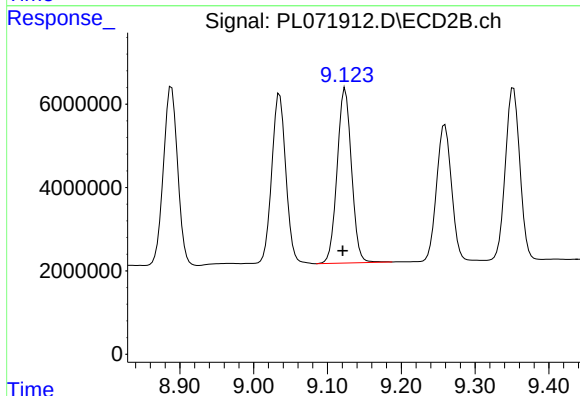
#15 Endosulfan II

R.T.: 8.286 min
Delta R.T.: 0.003 min
Response: 26578733
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141941BSD

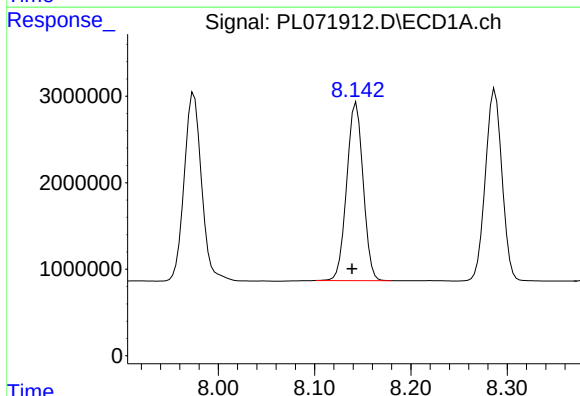
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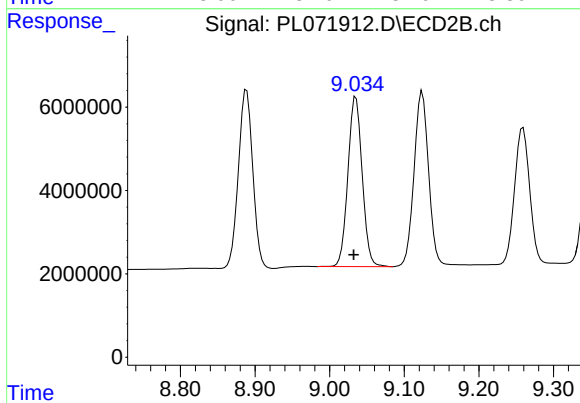
#15 Endosulfan II

R.T.: 9.124 min
Delta R.T.: 0.004 min
Response: 56684899
Conc: 50.48 ng/ml



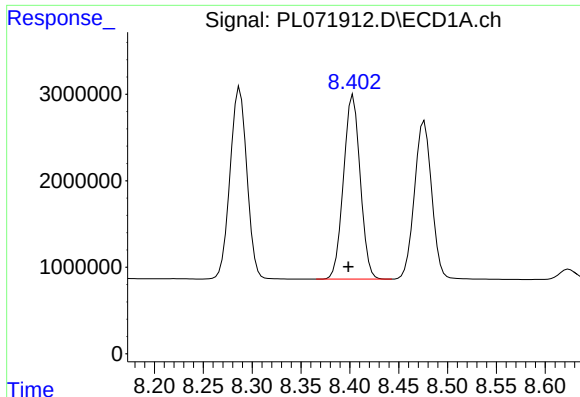
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: 0.004 min
Response: 24284789
Conc: 50.43 ng/ml



#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: 0.003 min
Response: 54160311
Conc: 56.34 ng/ml



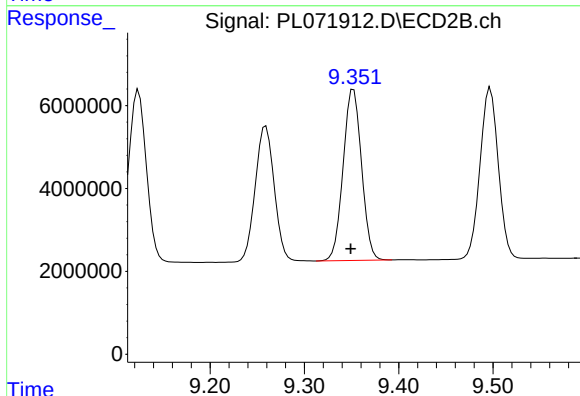
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: 0.005 min
Response: 25345966
Conc: 53.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141941BSD

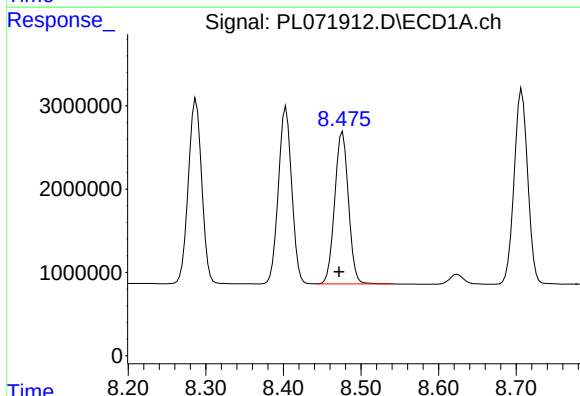
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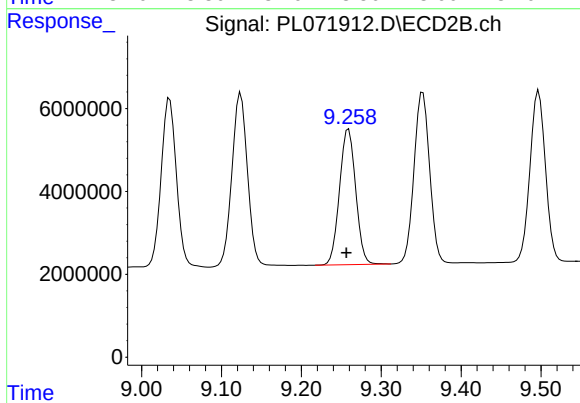
#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: 0.003 min
Response: 56133493
Conc: 59.52 ng/ml



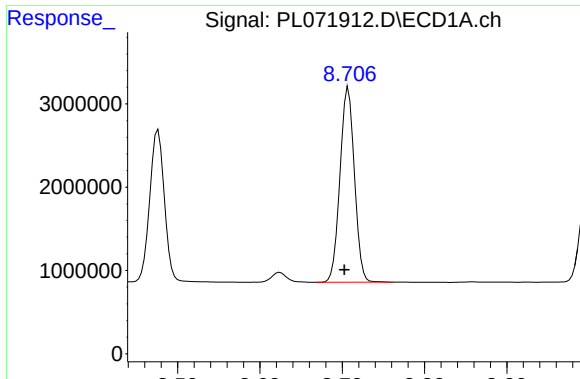
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: 0.004 min
Response: 22494876
Conc: 49.57 ng/ml



#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: 0.003 min
Response: 45973539
Conc: 54.18 ng/ml



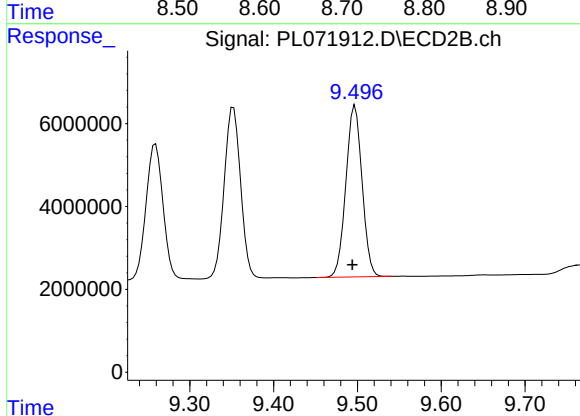
#19 Endosulfan Sulfate

R.T.: 8.707 min
Delta R.T.: 0.005 min
Response: 28578920
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141941BSD

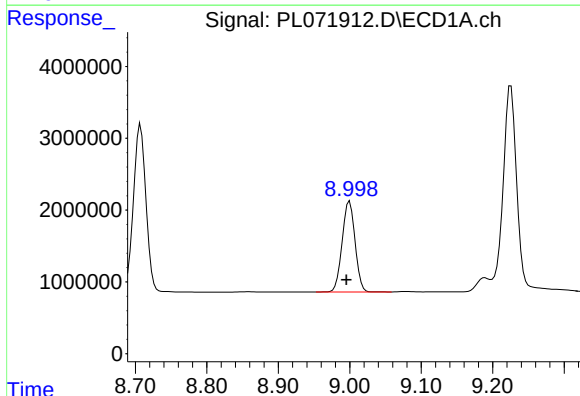
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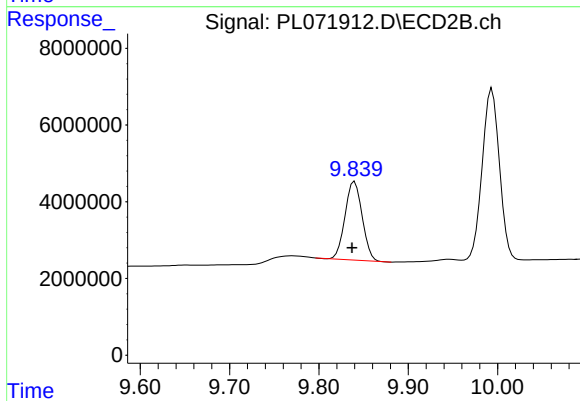
#19 Endosulfan Sulfate

R.T.: 9.497 min
Delta R.T.: 0.003 min
Response: 55657388
Conc: 53.58 ng/ml



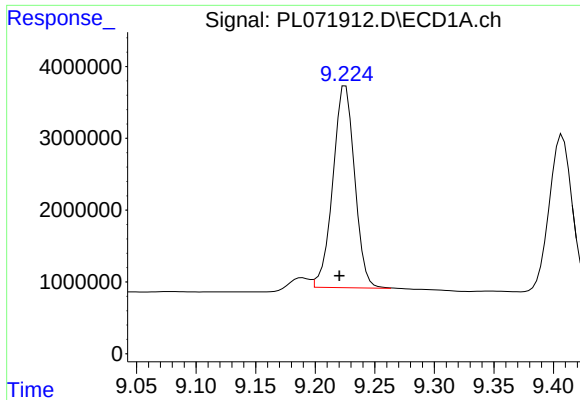
#20 Methoxychlor

R.T.: 9.000 min
Delta R.T.: 0.004 min
Response: 15850346
Conc: 51.21 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: 0.003 min
Response: 27355677
Conc: 55.55 ng/ml



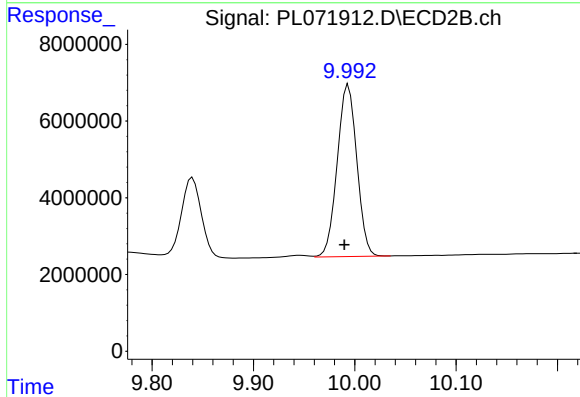
#21 Endrin ketone

R.T.: 9.224 min
Delta R.T.: 0.004 min
Response: 35606917
Conc: 51.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141941BSD

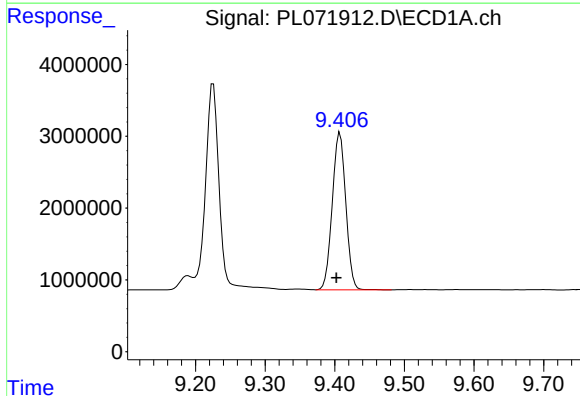
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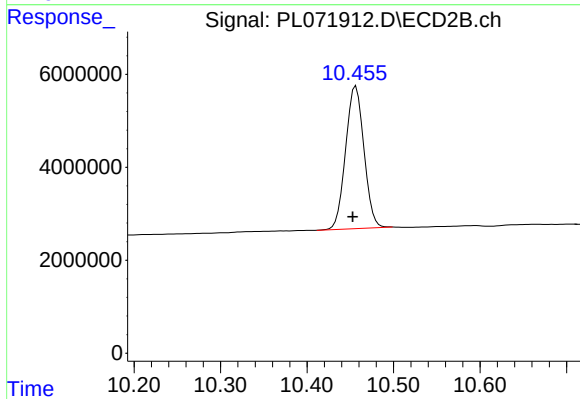
#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: 0.004 min
Response: 60135692
Conc: 53.29 ng/ml



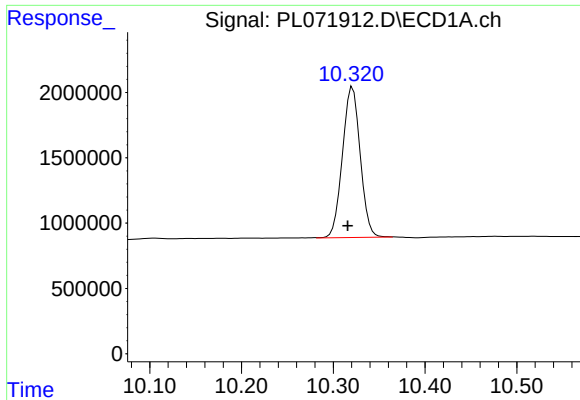
#22 Mirex

R.T.: 9.407 min
Delta R.T.: 0.005 min
Response: 29516490
Conc: 49.20 ng/ml



#22 Mirex

R.T.: 10.456 min
Delta R.T.: 0.004 min
Response: 45043177
Conc: 52.43 ng/ml



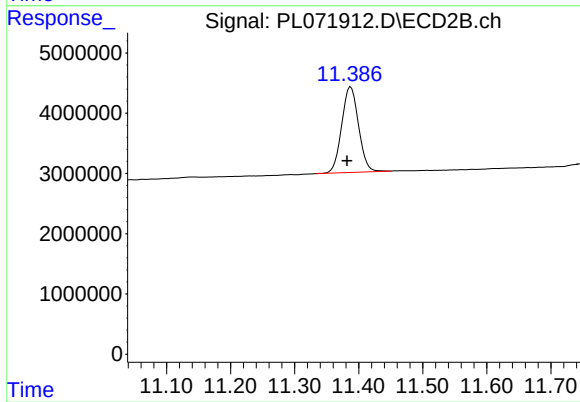
#28 Decachlorobiphenyl

R.T.: 10.320 min
Delta R.T.: 0.004 min
Response: 15474193
Conc: 21.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141941BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: 0.006 min
Response: 25999954
Conc: 21.94 ng/ml