

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021422\
 Data File : PL072664.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2022 18:56
 Operator : AR\AJ
 Sample : PB142645BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB142645BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/15/2022
 Supervised By :Ankita Jodhani 02/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 03:48:26 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...	4.554	5.490	11488041	39331976	23.858	22.770
28)	SA Decachlor...	10.315	11.382	20704578	42773201	27.349	26.973
Target Compounds							
2)	A alpha-BHC	5.261	6.072	29442023	106.2E6	44.653	44.340
3)	MA gamma-BHC...	5.684	6.468	29211631	102.0E6	46.480	44.294
4)	MA Heptachlor	6.088	7.113	34923028	104.1E6	47.844m	45.723
5)	MB Aldrin	6.413	7.483	31273265	99771928	48.436	46.671
6)	B beta-BHC	6.069	6.728	10473843	45295405	42.269m	44.432
7)	B delta-BHC	6.327	6.993	30142505	100.6E6	45.524	43.903
8)	B Heptachlo...	6.990	7.951	31159828	92838735	49.425	48.121
9)	A Endosulfan I	7.393	8.356	29489140	84063579	50.405	48.050
10)	B gamma-Chl...	7.267	8.221	31473925	94145648	49.685	48.673
11)	B alpha-Chl...	7.337	8.302	31904814	91805358	50.103	48.319
12)	B 4,4'-DDE	7.552	8.492	30972192	89568898	50.966	47.921
13)	MA Dieldrin	7.679	8.645	31994446	90176674	50.664	48.387
14)	MA Endrin	7.970	8.884	28819586	74446714	49.196	47.249
15)	B Endosulfa...	8.282	9.121	30088189	79101112	49.455	47.047
16)	A 4,4'-DDD	8.139	9.032	25666229	69642948	53.350	50.328
17)	MA 4,4'-DDT	8.398	9.349	26403164	70398406	49.069	45.986
18)	B Endrin al...	8.471	9.256	24328414	61653586	55.814	54.780
19)	B Endosulfa...	8.702	9.494	30064753	73442896	50.521	49.094
20)	A Methoxychlor	8.994	9.837	16724101	36755803	47.562	45.397
21)	B Endrin ke...	9.220	9.988	35612465	80128379	51.817	50.291m
22)	Mirex	9.401	10.452	33292361	64940665	56.119	55.321

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021422\
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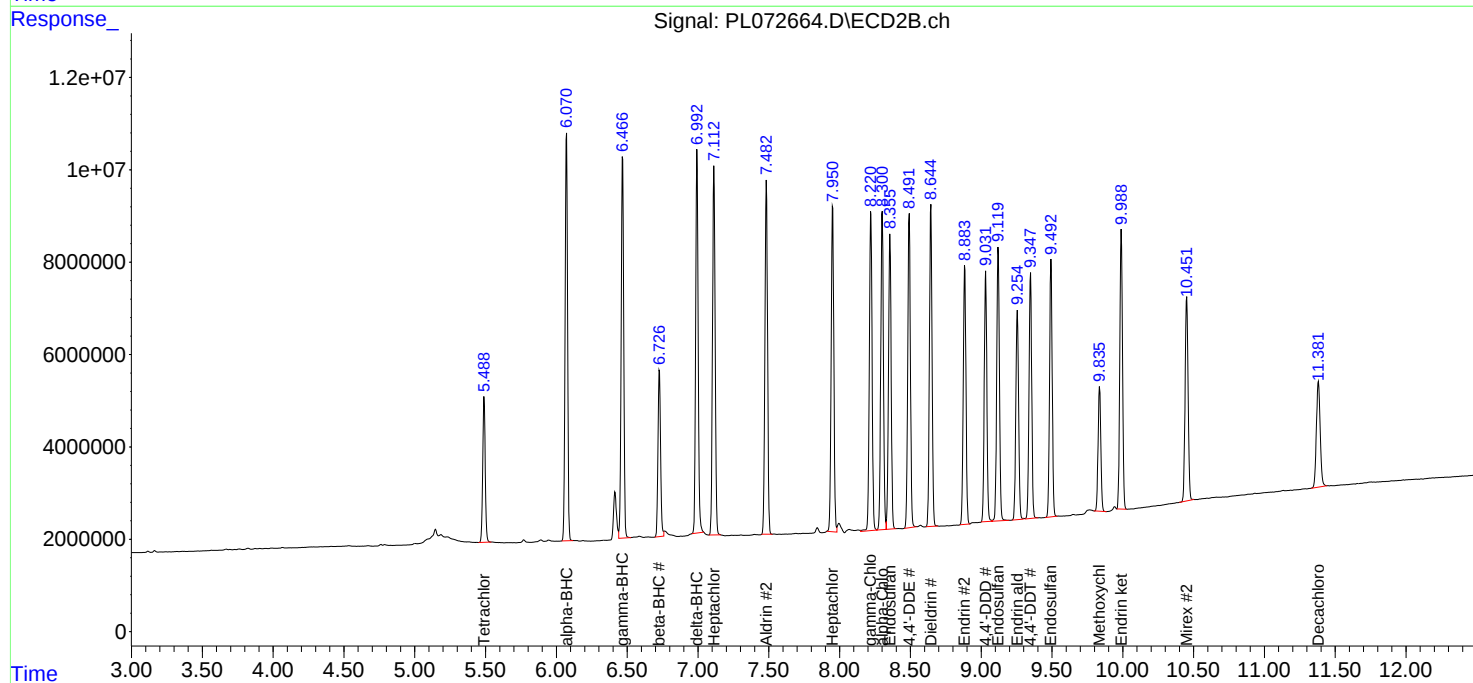
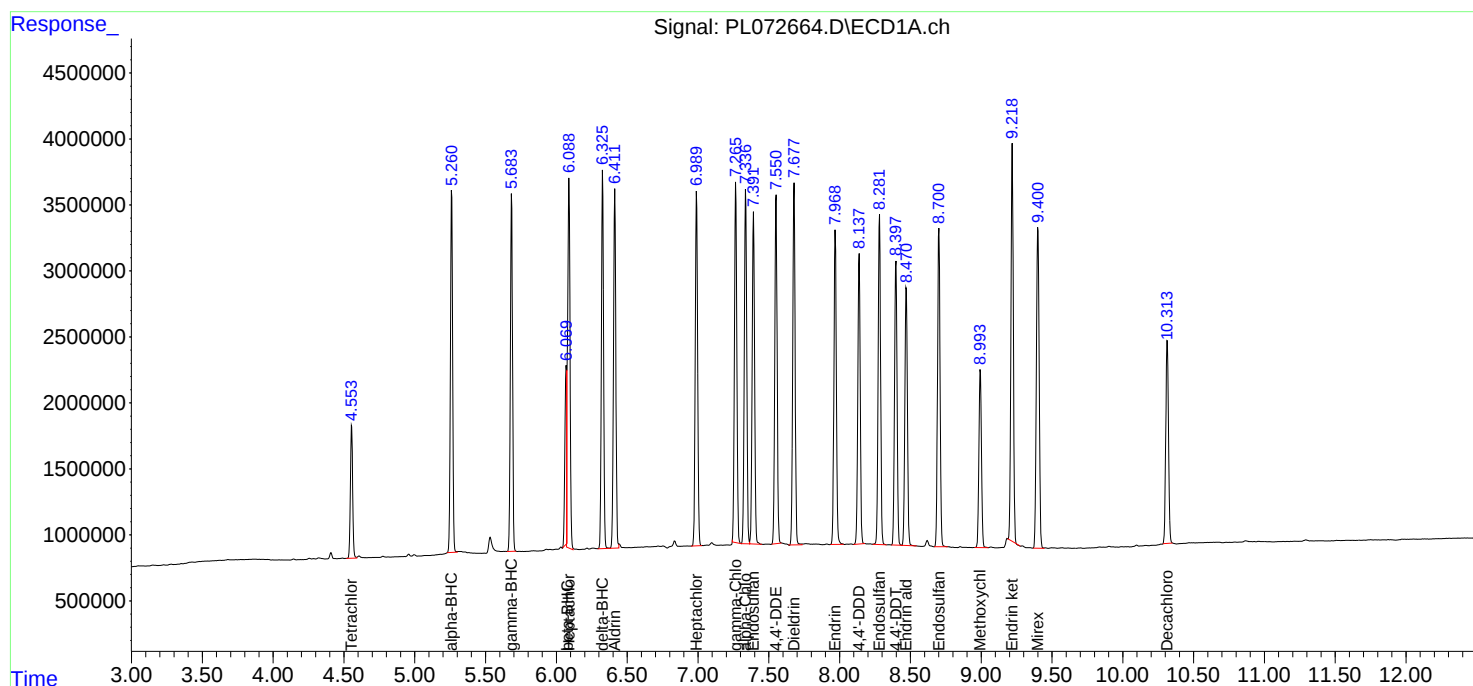
Manual Integrations

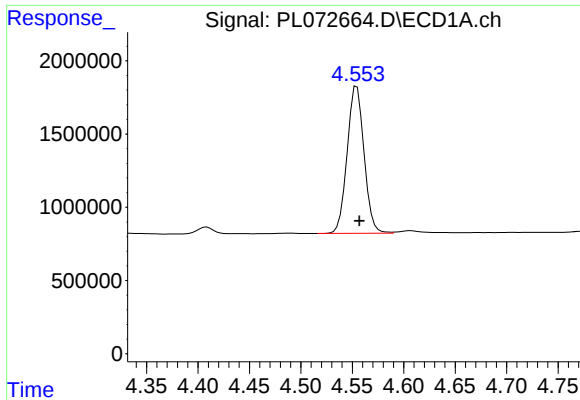
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 03:48:26 2022
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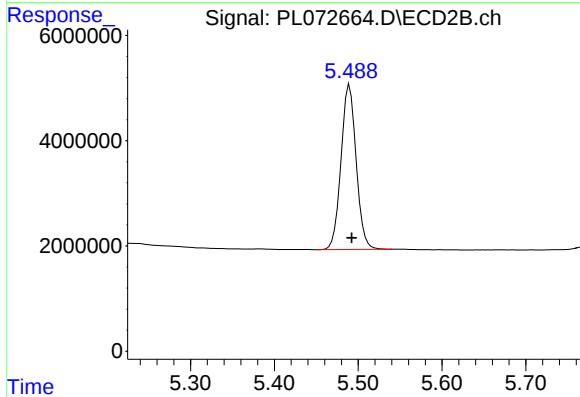
#1 Tetrachloro-m-xylene

R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 11488041
Conc: 23.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

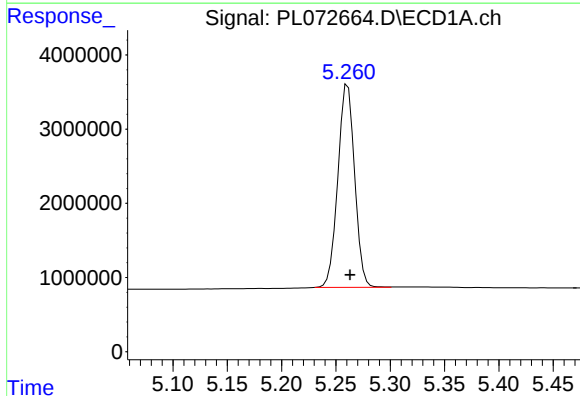
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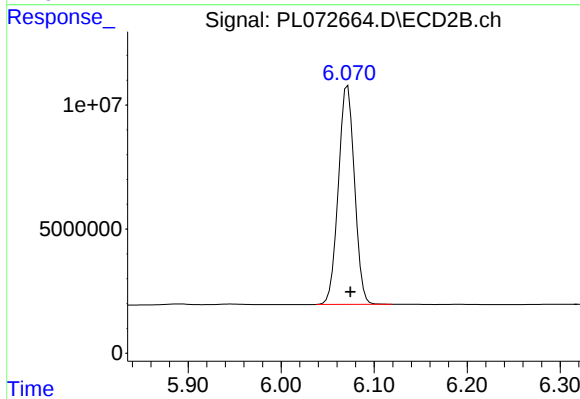
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.003 min
Response: 39331976
Conc: 22.77 ng/ml



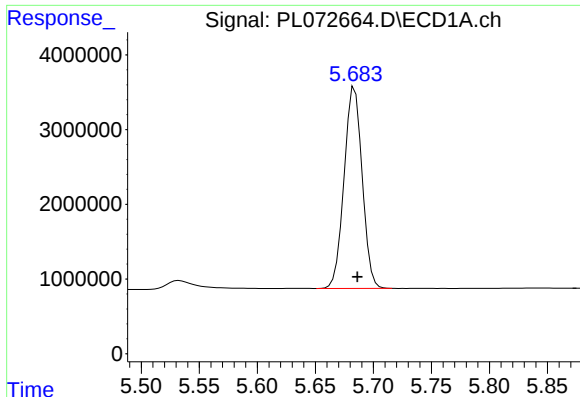
#2 alpha-BHC

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 29442023
Conc: 44.65 ng/ml



#2 alpha-BHC

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 106183003
Conc: 44.34 ng/ml



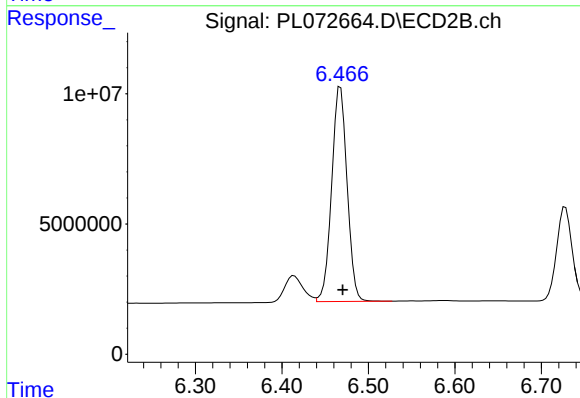
#3 gamma-BHC (Lindane)

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 29211631
Conc: 46.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

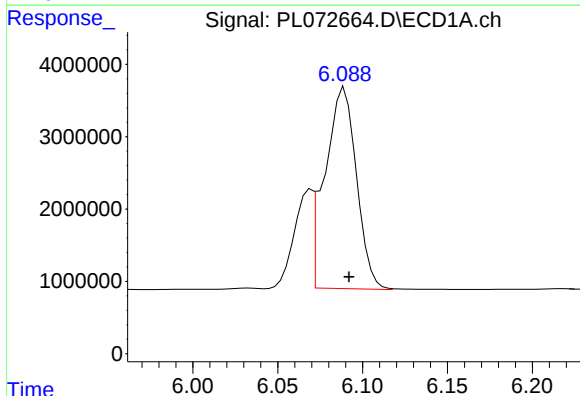
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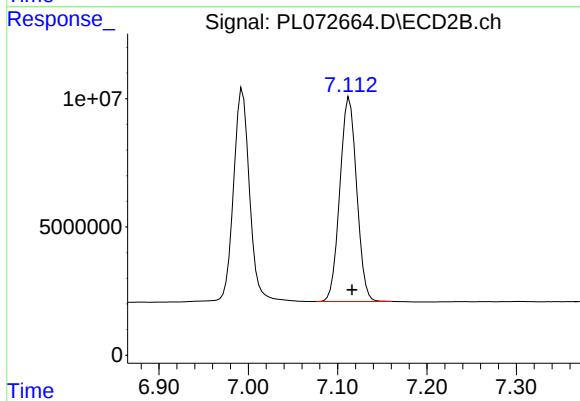
#3 gamma-BHC (Lindane)

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 101984594
Conc: 44.29 ng/ml



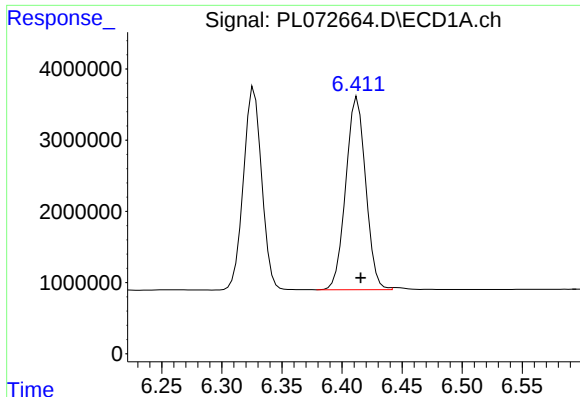
#4 Heptachlor

R.T.: 6.088 min
Delta R.T.: -0.004 min
Response: 34923028
Conc: 47.84 ng/ml m



#4 Heptachlor

R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 104105149
Conc: 45.72 ng/ml



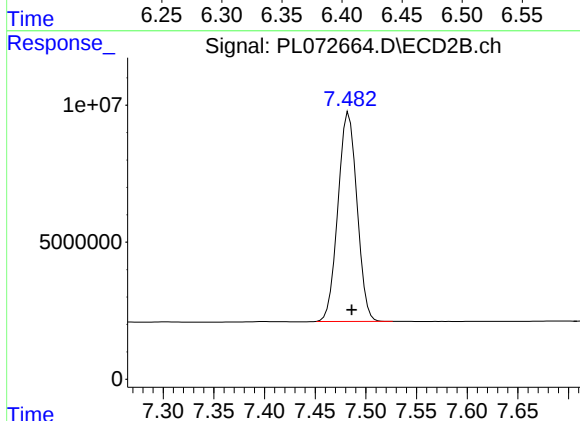
#5 Aldrin

R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 31273265
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

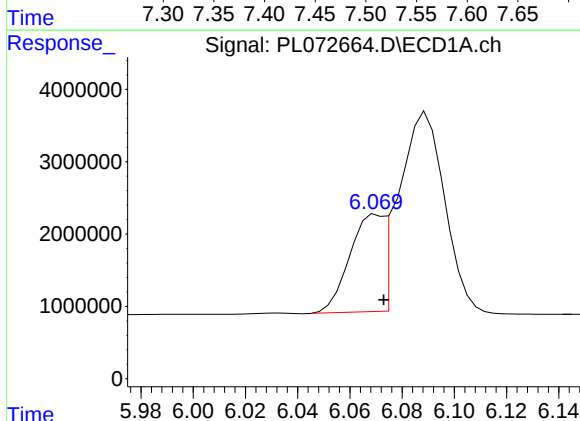
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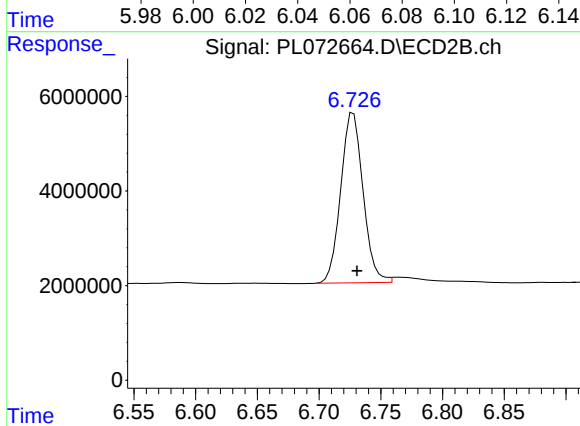
#5 Aldrin

R.T.: 7.483 min
Delta R.T.: -0.003 min
Response: 99771928
Conc: 46.67 ng/ml



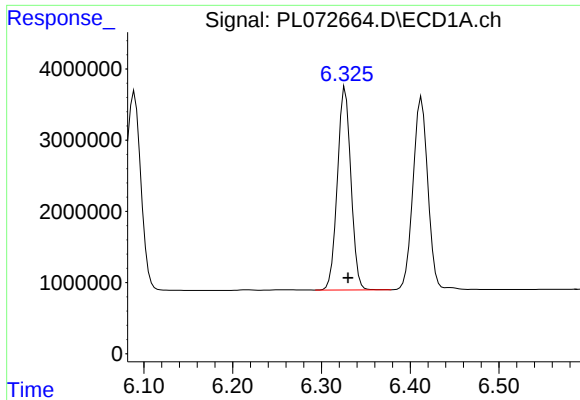
#6 beta-BHC

R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 10473843
Conc: 42.27 ng/ml m



#6 beta-BHC

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 45295405
Conc: 44.43 ng/ml



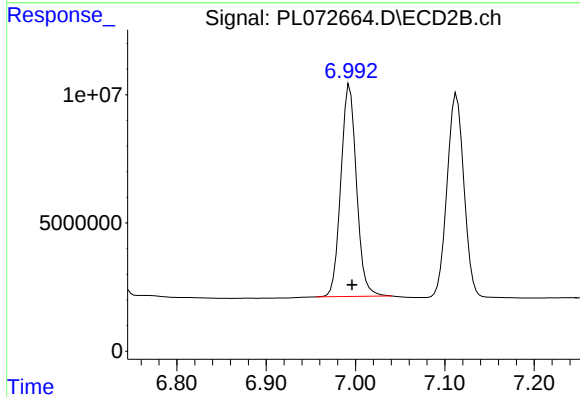
#7 delta-BHC

R.T.: 6.327 min
Delta R.T.: -0.003 min
Response: 30142505
Conc: 45.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

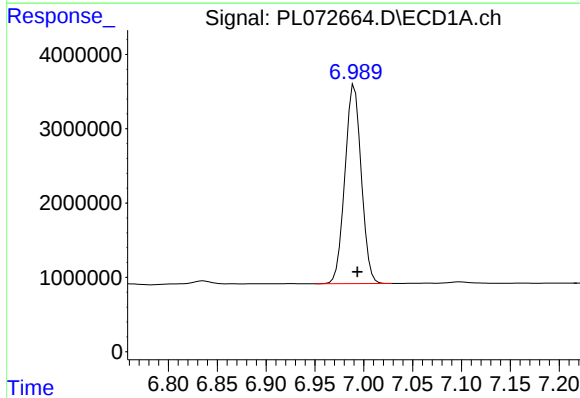
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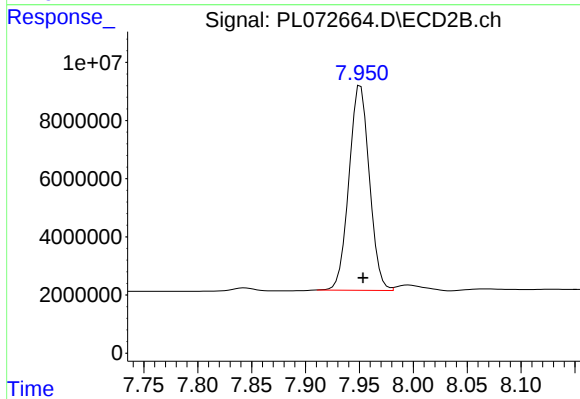
#7 delta-BHC

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 100582532
Conc: 43.90 ng/ml



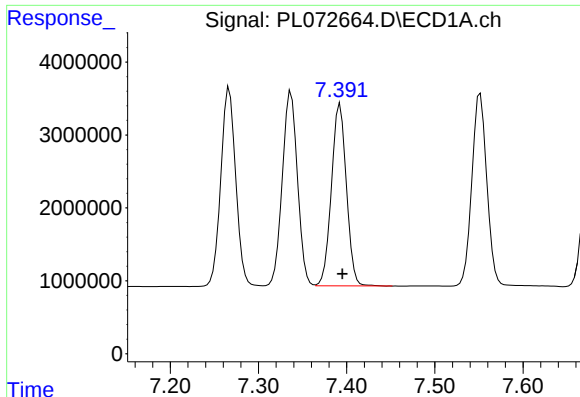
#8 Heptachlor epoxide

R.T.: 6.990 min
Delta R.T.: -0.003 min
Response: 31159828
Conc: 49.42 ng/ml



#8 Heptachlor epoxide

R.T.: 7.951 min
Delta R.T.: -0.002 min
Response: 92838735
Conc: 48.12 ng/ml



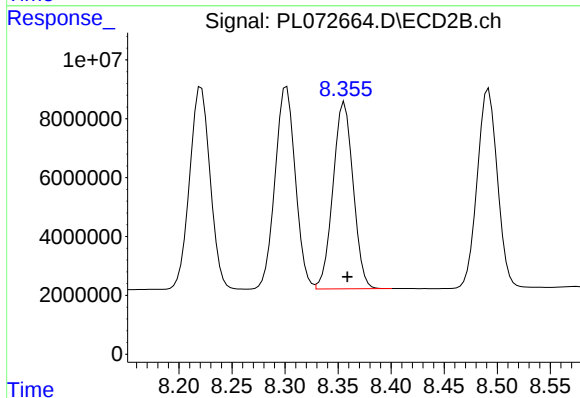
#9 Endosulfan I

R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 29489140
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

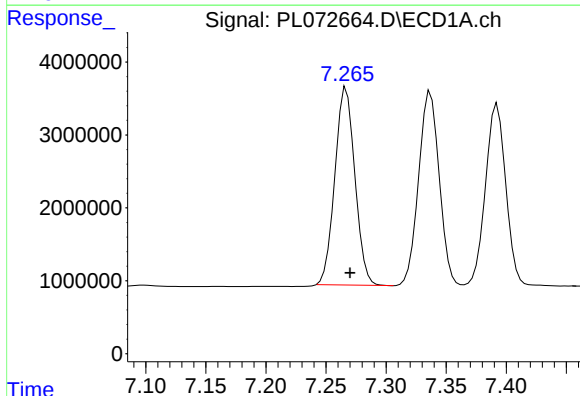
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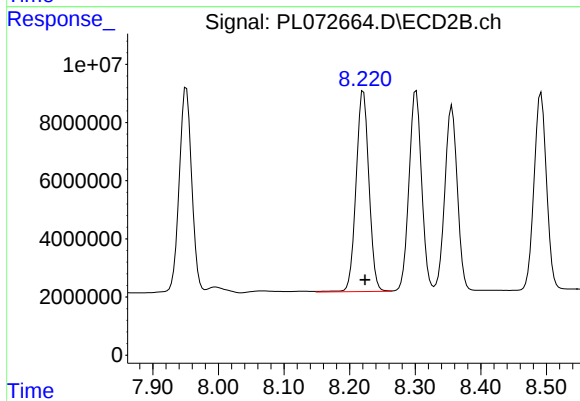
#9 Endosulfan I

R.T.: 8.356 min
Delta R.T.: -0.003 min
Response: 84063579
Conc: 48.05 ng/ml



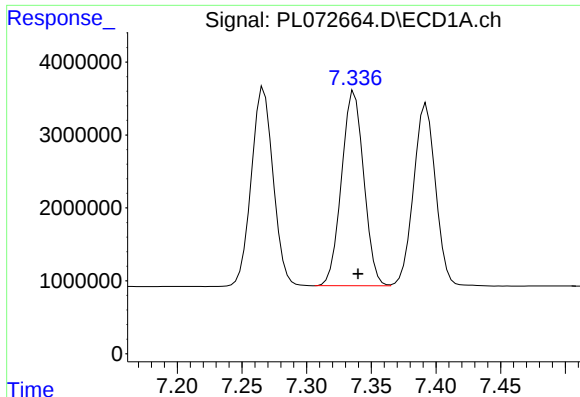
#10 gamma-Chlordane

R.T.: 7.267 min
Delta R.T.: -0.003 min
Response: 31473925
Conc: 49.69 ng/ml



#10 gamma-Chlordane

R.T.: 8.221 min
Delta R.T.: -0.003 min
Response: 94145648
Conc: 48.67 ng/ml



#11 alpha-Chlordane

R.T.: 7.337 min
Delta R.T.: -0.003 min
Response: 31904814
Conc: 50.10 ng/ml

Instrument :

ECD_L

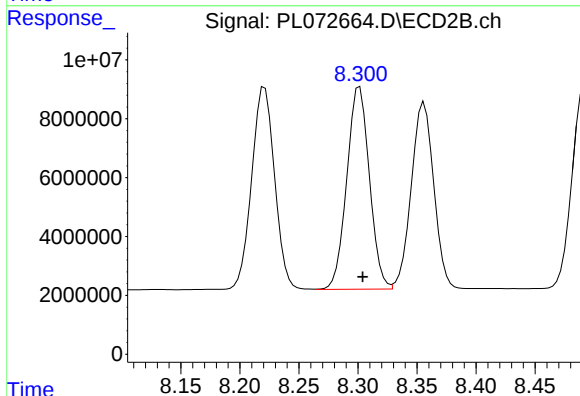
ClientSampleId :

PB142645BS

Manual Integrations

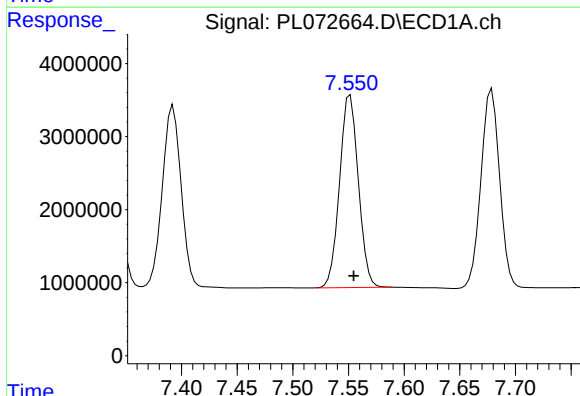
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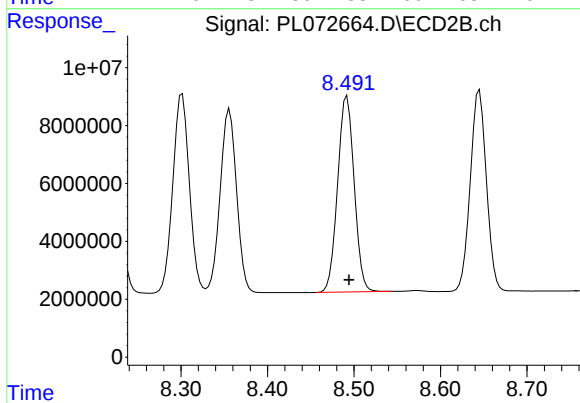
#11 alpha-Chlordane

R.T.: 8.302 min
Delta R.T.: -0.003 min
Response: 91805358
Conc: 48.32 ng/ml



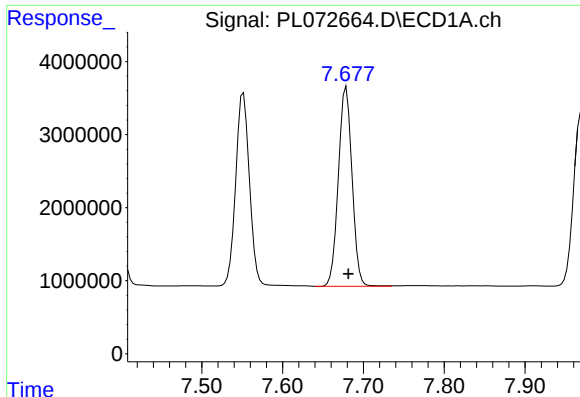
#12 4,4'-DDE

R.T.: 7.552 min
Delta R.T.: -0.003 min
Response: 30972192
Conc: 50.97 ng/ml



#12 4,4'-DDE

R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 89568898
Conc: 47.92 ng/ml



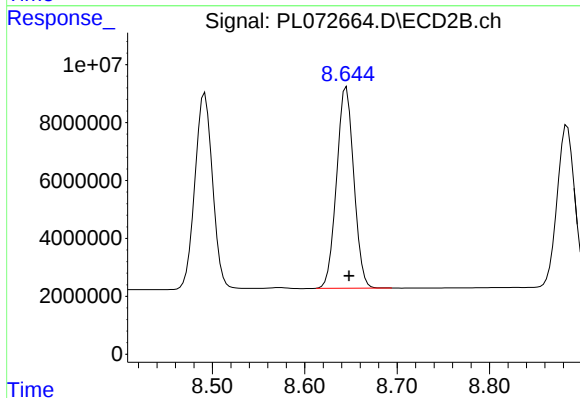
#13 Dieldrin

R.T.: 7.679 min
Delta R.T.: -0.002 min
Response: 31994446
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

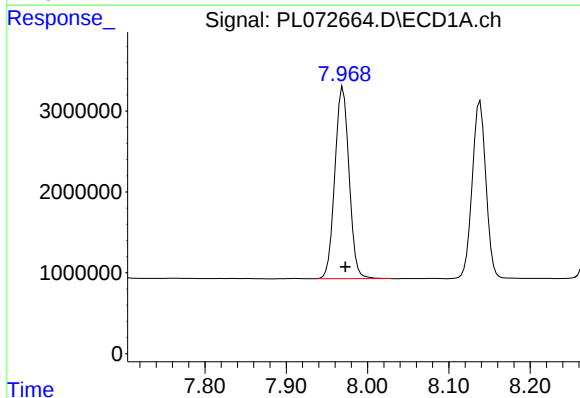
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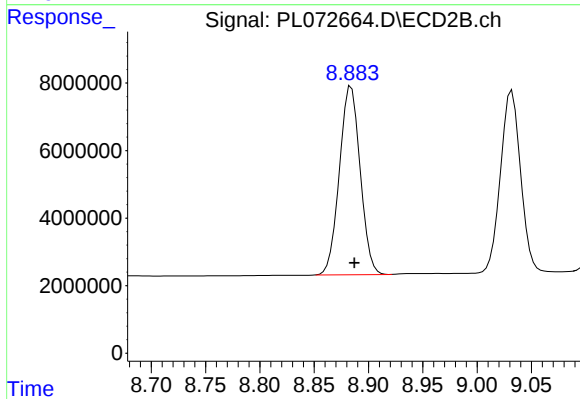
#13 Dieldrin

R.T.: 8.645 min
Delta R.T.: -0.003 min
Response: 90176674
Conc: 48.39 ng/ml



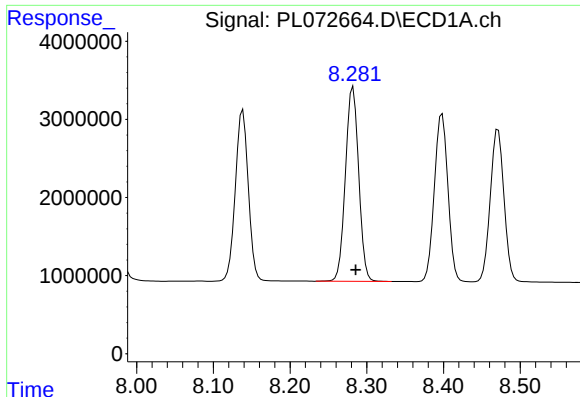
#14 Endrin

R.T.: 7.970 min
Delta R.T.: -0.003 min
Response: 28819586
Conc: 49.20 ng/ml



#14 Endrin

R.T.: 8.884 min
Delta R.T.: -0.003 min
Response: 74446714
Conc: 47.25 ng/ml



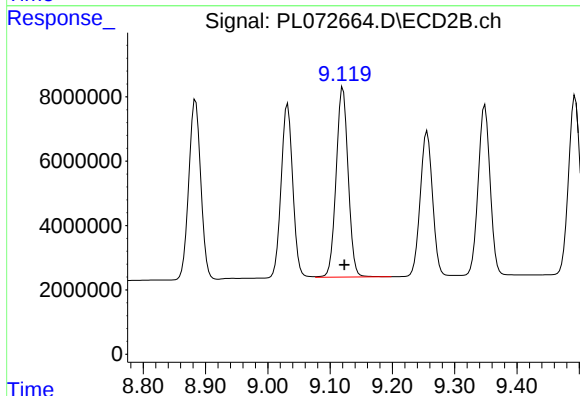
#15 Endosulfan II

R.T.: 8.282 min
Delta R.T.: -0.004 min
Response: 30088189
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

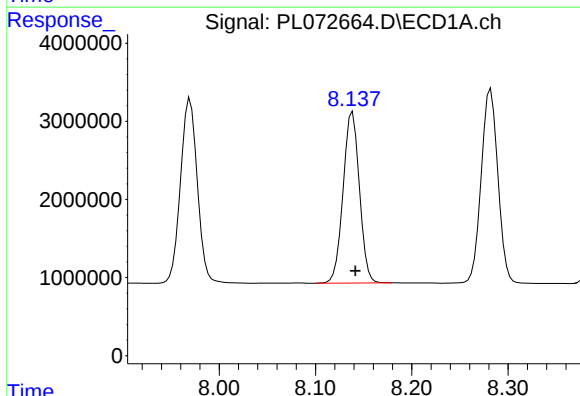
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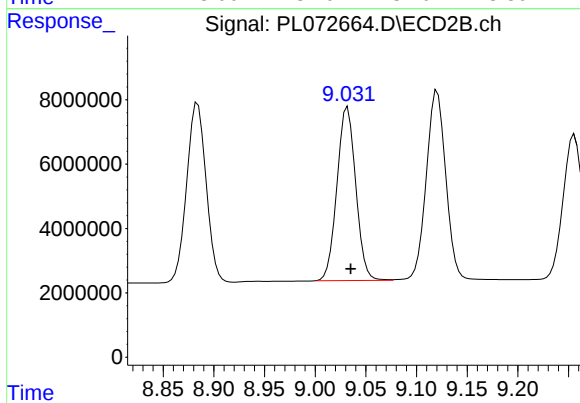
#15 Endosulfan II

R.T.: 9.121 min
Delta R.T.: -0.003 min
Response: 79101112
Conc: 47.05 ng/ml



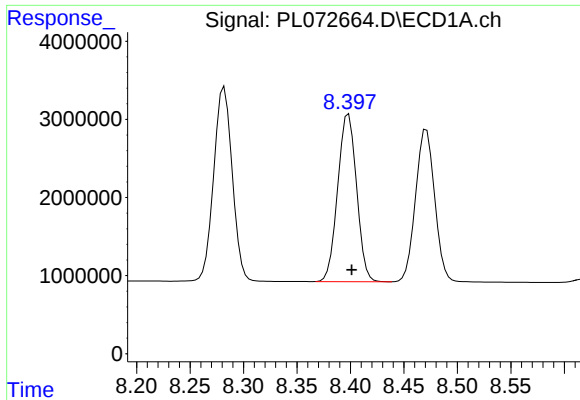
#16 4,4'-DDD

R.T.: 8.139 min
Delta R.T.: -0.003 min
Response: 25666229
Conc: 53.35 ng/ml



#16 4,4'-DDD

R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 69642948
Conc: 50.33 ng/ml



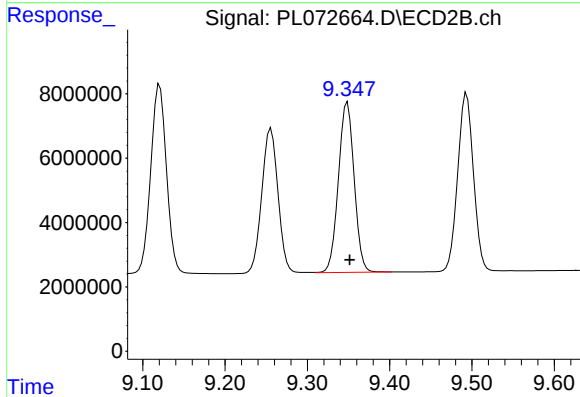
#17 4,4'-DDT

R.T.: 8.398 min
Delta R.T.: -0.003 min
Response: 26403164
Conc: 49.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

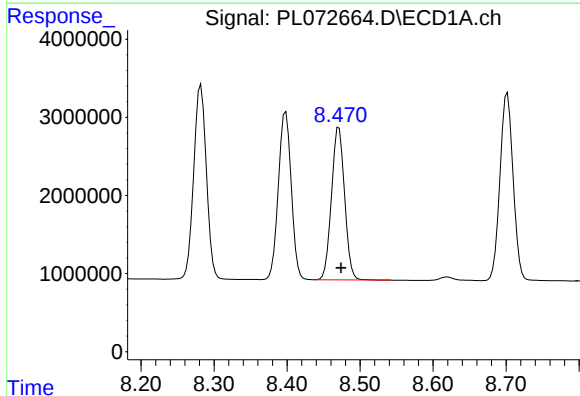
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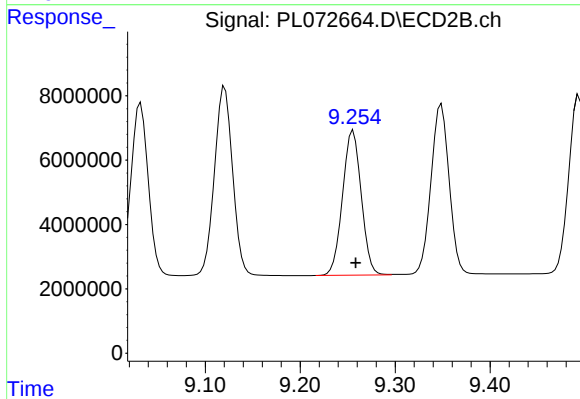
#17 4,4'-DDT

R.T.: 9.349 min
Delta R.T.: -0.003 min
Response: 70398406
Conc: 45.99 ng/ml



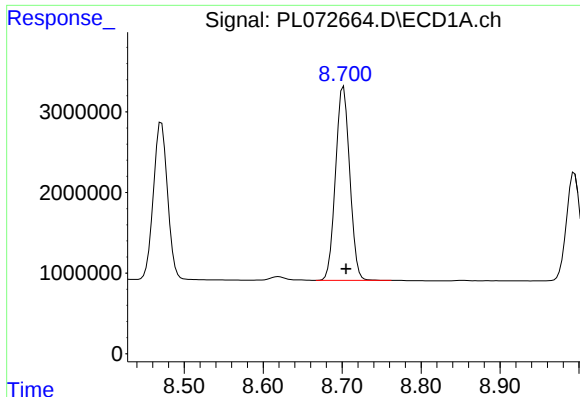
#18 Endrin aldehyde

R.T.: 8.471 min
Delta R.T.: -0.003 min
Response: 24328414
Conc: 55.81 ng/ml



#18 Endrin aldehyde

R.T.: 9.256 min
Delta R.T.: -0.003 min
Response: 61653586
Conc: 54.78 ng/ml



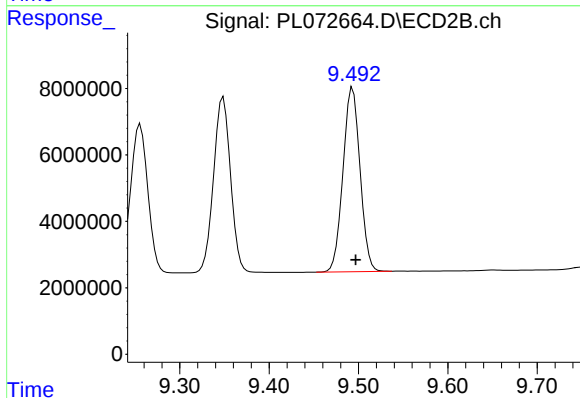
#19 Endosulfan Sulfate

R.T.: 8.702 min
Delta R.T.: -0.003 min
Response: 30064753
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

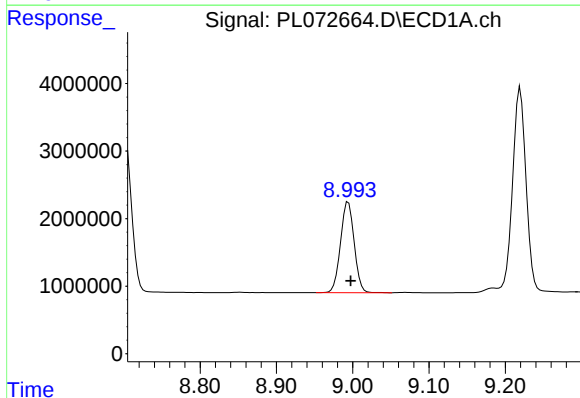
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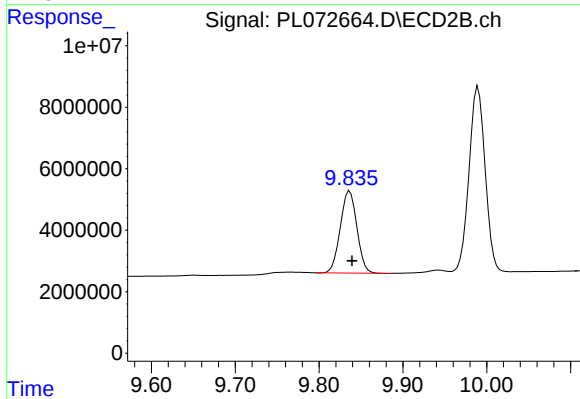
#19 Endosulfan Sulfate

R.T.: 9.494 min
Delta R.T.: -0.003 min
Response: 73442896
Conc: 49.09 ng/ml



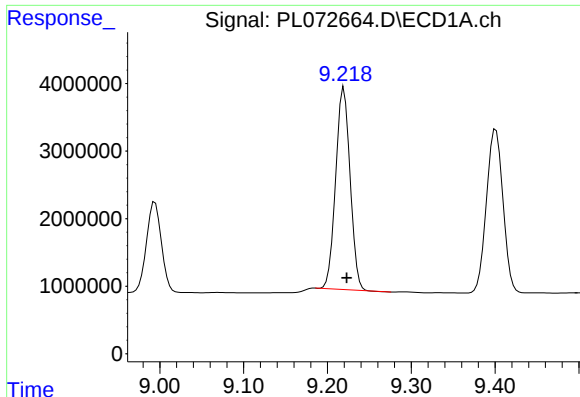
#20 Methoxychlor

R.T.: 8.994 min
Delta R.T.: -0.003 min
Response: 16724101
Conc: 47.56 ng/ml



#20 Methoxychlor

R.T.: 9.837 min
Delta R.T.: -0.003 min
Response: 36755803
Conc: 45.40 ng/ml



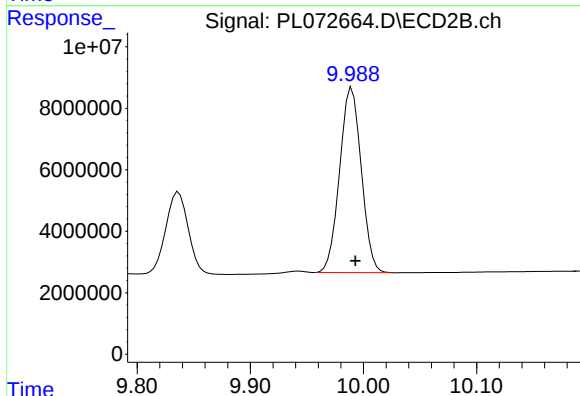
#21 Endrin ketone

R.T.: 9.220 min
Delta R.T.: -0.004 min
Response: 35612465
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

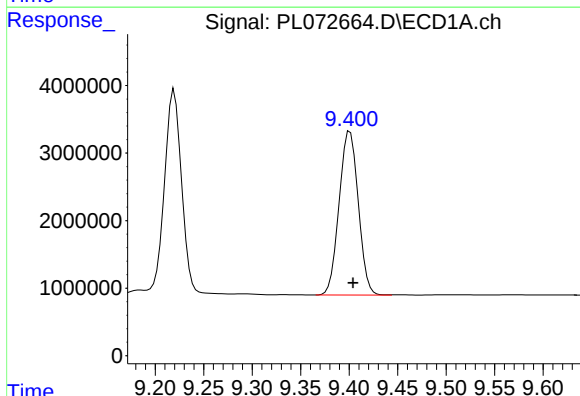
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/15/2022
Supervised By :Ankita Jodhani 02/15/2022



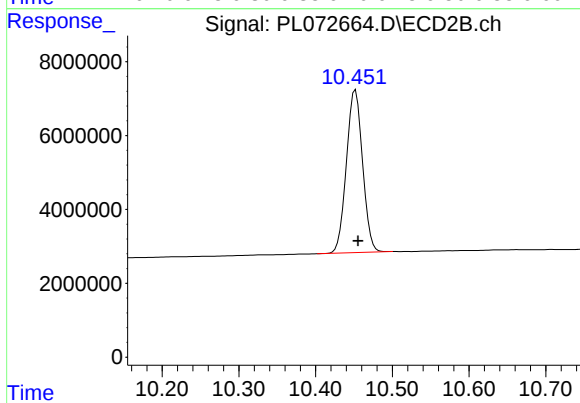
#21 Endrin ketone

R.T.: 9.988 min
Delta R.T.: -0.005 min
Response: 80128379
Conc: 50.29 ng/ml m



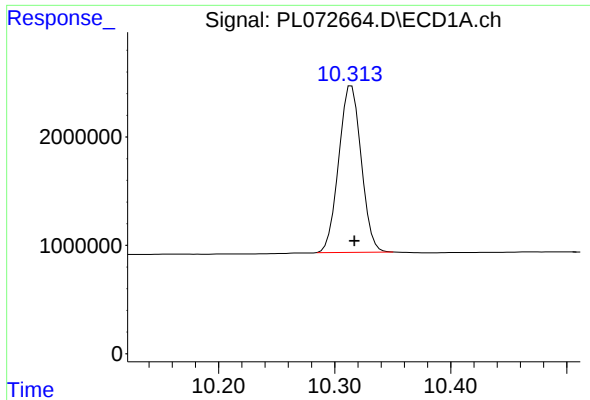
#22 Mirex

R.T.: 9.401 min
Delta R.T.: -0.003 min
Response: 33292361
Conc: 56.12 ng/ml



#22 Mirex

R.T.: 10.452 min
Delta R.T.: -0.004 min
Response: 64940665
Conc: 55.32 ng/ml



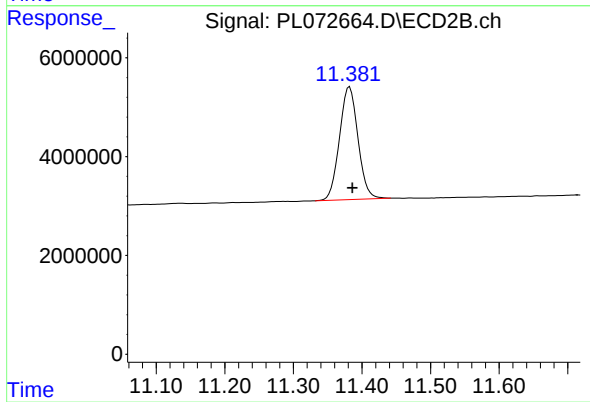
#28 Decachlorobiphenyl

R.T.: 10.315 min
Delta R.T.: -0.003 min
Response: 20704578
Conc: 27.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142645BS

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#28 Decachlorobiphenyl

R.T.: 11.382 min
Delta R.T.: -0.004 min
Response: 42773201
Conc: 26.97 ng/ml