

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021422\
 Data File : PL072686.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2022 02:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

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 05:16:34 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	23001473	77866340	47.770	45.078
2)	SA Decachlor...	10.313	11.381	33759541	74550729	44.593	47.012
Target Compounds							
2)	A alpha-BHC	5.261	6.072	32092293	112.3E6	48.673	46.881
3)	MA gamma-BHC...	5.684	6.468	30982869	105.1E6	49.298	45.647
4)	MA Heptachlor	6.087	7.113	34021150	101.4E6	46.609m	44.538
5)	MB Aldrin	6.413	7.483	32607556	96927691	50.503	45.340
6)	B beta-BHC	6.068	6.728	14316000	47050602	57.775m	46.154
7)	B delta-BHC	6.327	6.993	32906212	105.1E6	49.698	45.889
8)	B Heptachlo...	6.990	7.951	31876483	88786400	50.562	46.021
9)	A Endosulfan I	7.392	8.355	29769526	81108248	50.884	46.361
10)	B gamma-Chl...	7.267	8.221	32179944	93125564	50.800	48.145
11)	B alpha-Chl...	7.336	8.300	32313681	89388310	50.746	47.047
12)	B 4,4'-DDE	7.551	8.491	31207058	86250849	51.352	46.146
13)	MA Dieldrin	7.678	8.644	32255722	86478898	51.078	46.403
14)	MA Endrin	7.969	8.884	27897367	66230312	47.622	42.034
15)	B Endosulfa...	8.282	9.120	30157418	77197548	49.568	45.915
16)	A 4,4'-DDD	8.138	9.031	25841893	66643575	53.715	48.160
17)	MA 4,4'-DDT	8.398	9.348	24976494	63081811	46.418	41.207
18)	B Endrin al...	8.471	9.254	23448818	55315911	53.796	49.149
19)	B Endosulfa...	8.701	9.493	29750035	69759227	49.992	46.631
20)	A Methoxychlor	8.993	9.835	15521169	32678928	44.141	40.362
21)	B Endrin ke...	9.219	9.989	35165006	75225348	51.166	47.214
22)	Mirex	9.400	10.452	28939144	54221585	48.781	46.189

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

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ECD_L

ClientSampleId :

PSTDCCC050

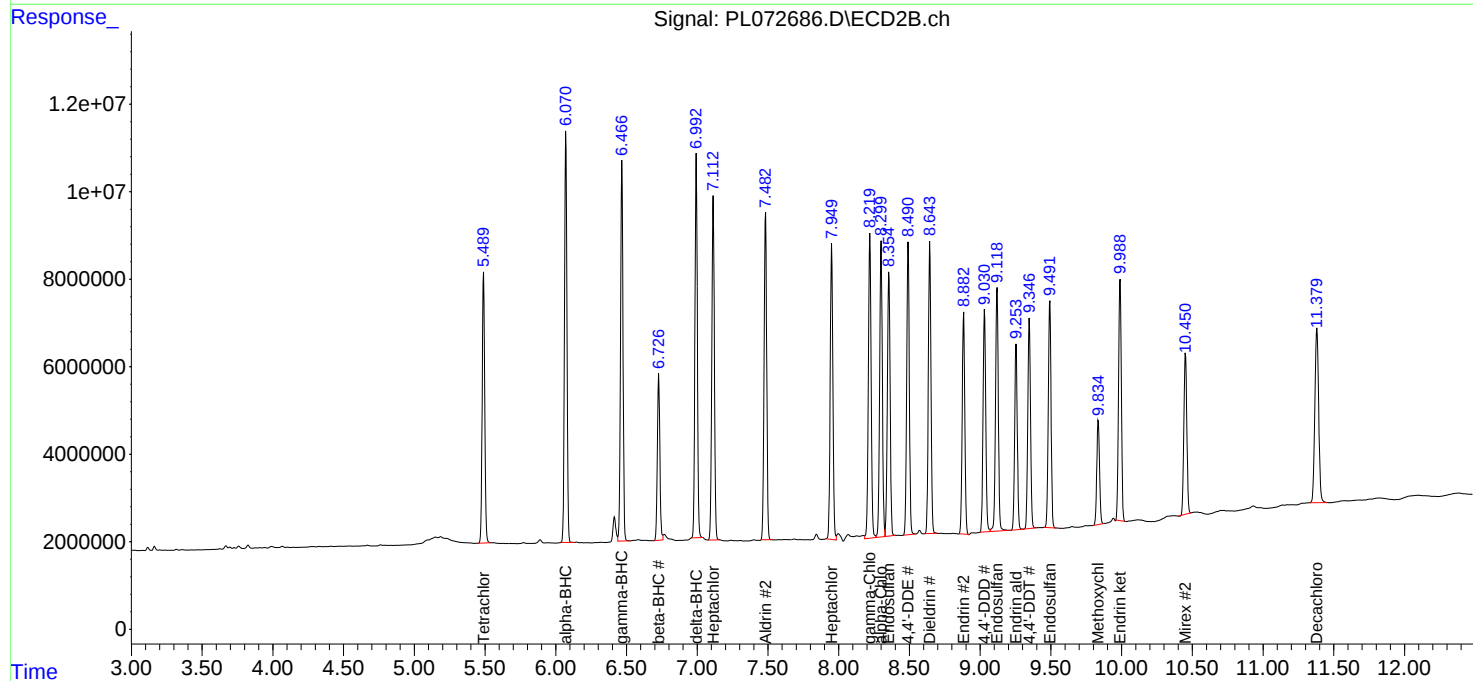
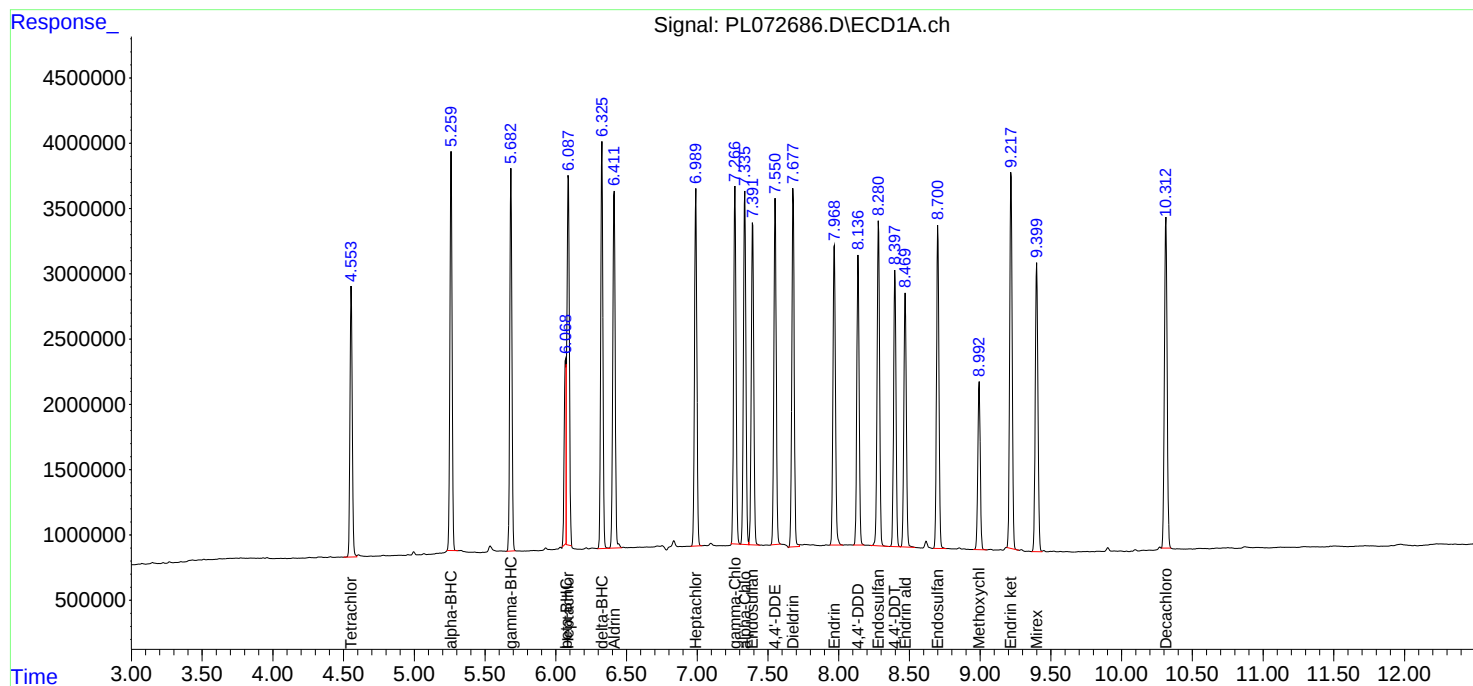
Manual Integrations

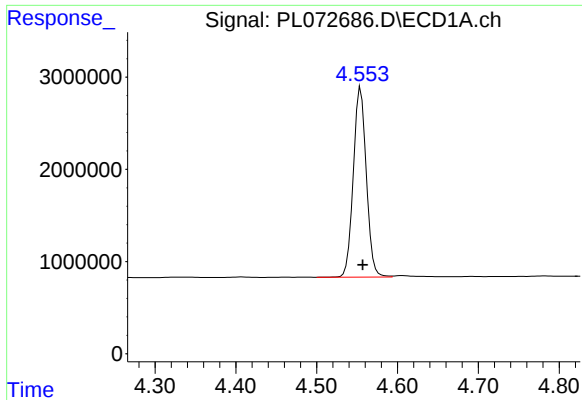
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 Supervised By :Ankita Jodhani 02/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 05:16:34 2022
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Volume Inj. : 1 µl
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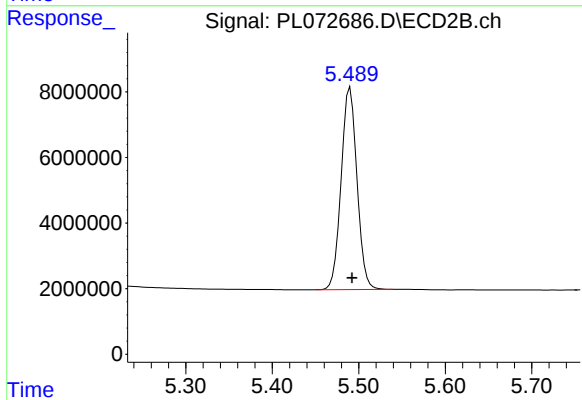
#1 Tetrachloro-m-xylene

R.T.: 4.555 min
Delta R.T.: -0.002 min
Response: 23001473
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

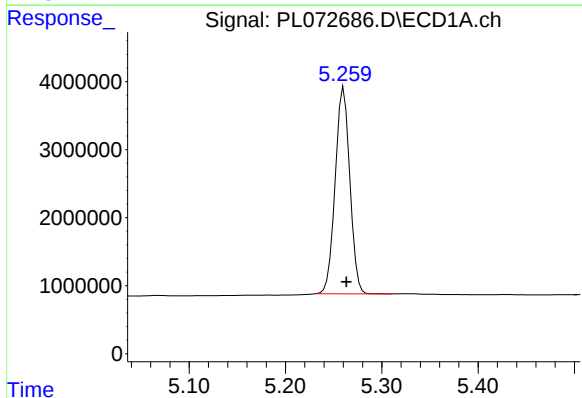
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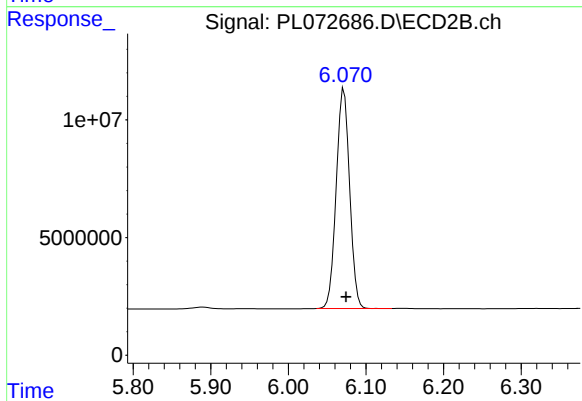
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 77866340
Conc: 45.08 ng/ml



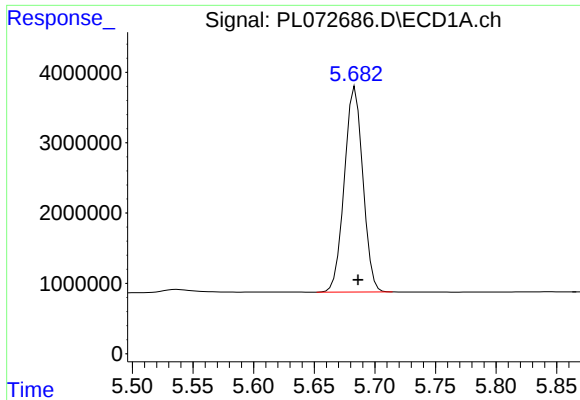
#2 alpha-BHC

R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 32092293
Conc: 48.67 ng/ml



#2 alpha-BHC

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 112268056
Conc: 46.88 ng/ml



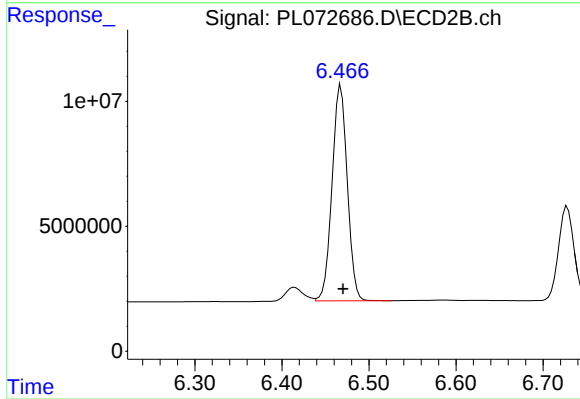
#3 gamma-BHC (Lindane)

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 30982869
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

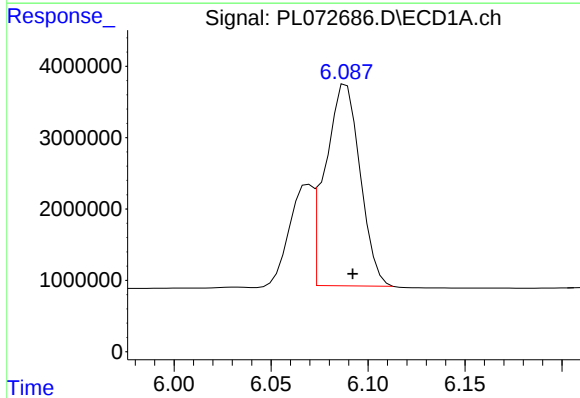
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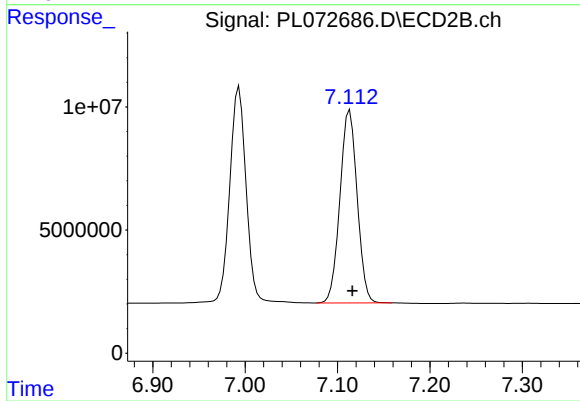
#3 gamma-BHC (Lindane)

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 105101239
Conc: 45.65 ng/ml



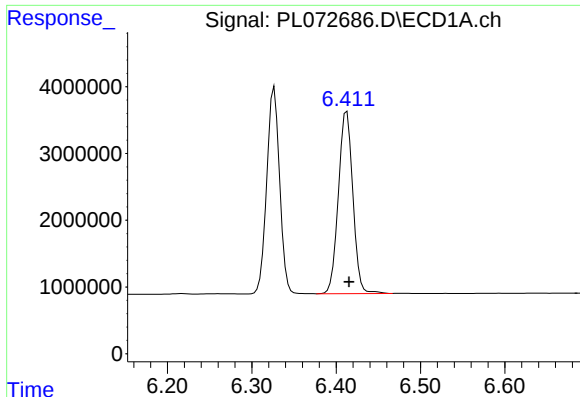
#4 Heptachlor

R.T.: 6.087 min
Delta R.T.: -0.005 min
Response: 34021150
Conc: 46.61 ng/ml m



#4 Heptachlor

R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 101406678
Conc: 44.54 ng/ml



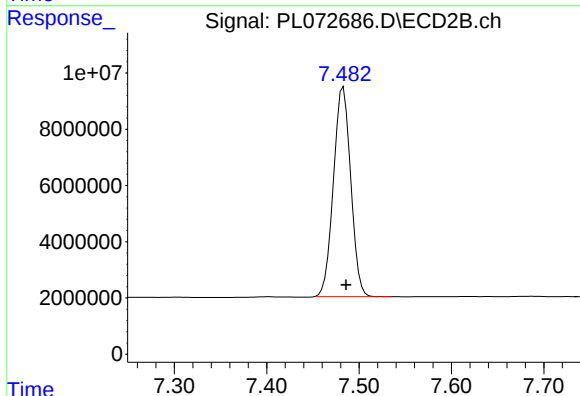
#5 Aldrin

R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 32607556
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

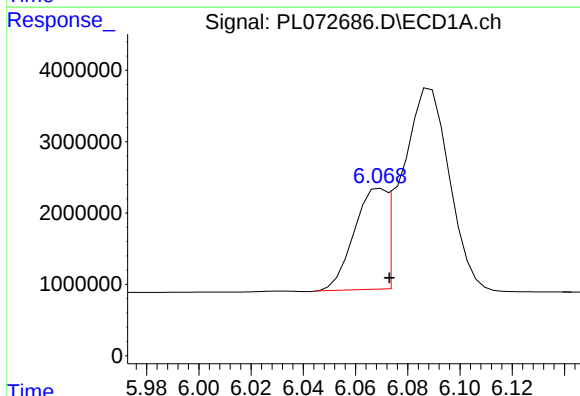
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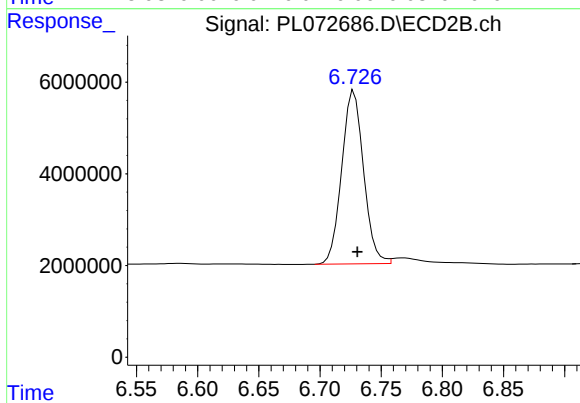
#5 Aldrin

R.T.: 7.483 min
Delta R.T.: -0.003 min
Response: 96927691
Conc: 45.34 ng/ml



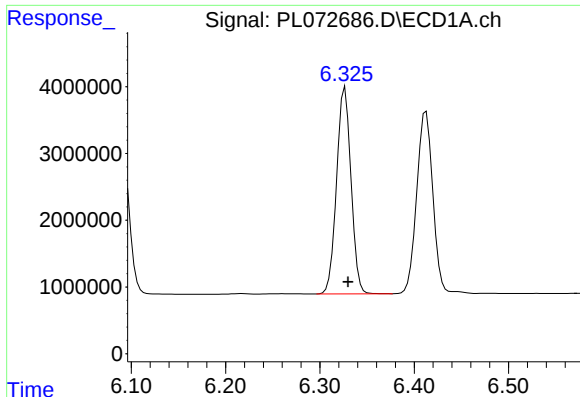
#6 beta-BHC

R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 14316000
Conc: 57.77 ng/ml m



#6 beta-BHC

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 47050602
Conc: 46.15 ng/ml



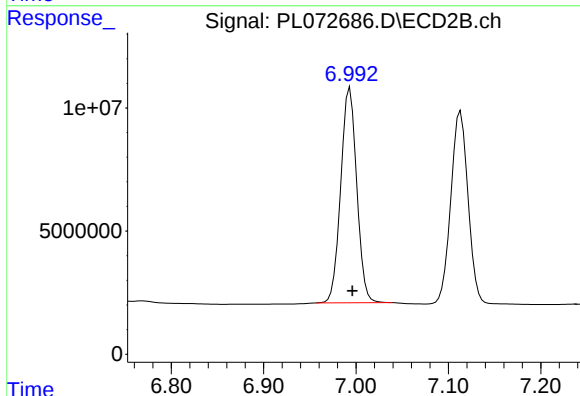
#7 delta-BHC

R.T.: 6.327 min
Delta R.T.: -0.003 min
Response: 32906212
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

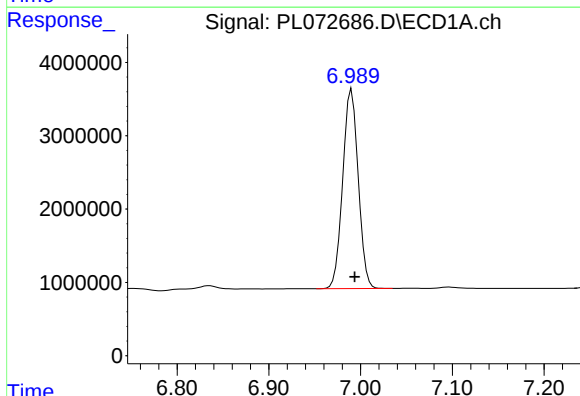
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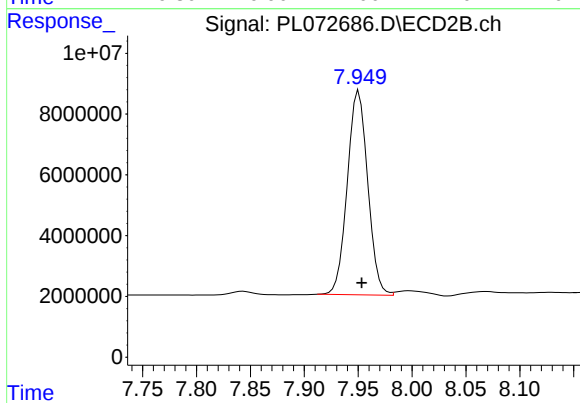
#7 delta-BHC

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 105132633
Conc: 45.89 ng/ml



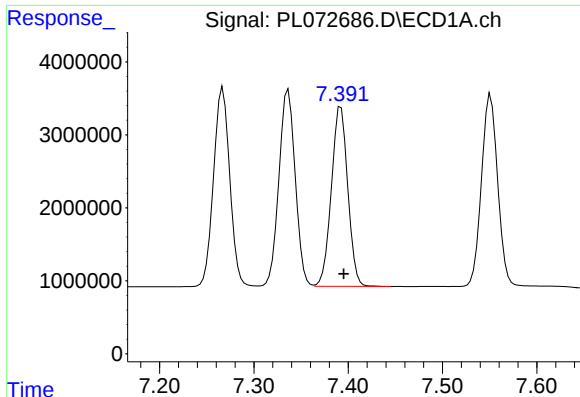
#8 Heptachlor epoxide

R.T.: 6.990 min
Delta R.T.: -0.003 min
Response: 31876483
Conc: 50.56 ng/ml



#8 Heptachlor epoxide

R.T.: 7.951 min
Delta R.T.: -0.003 min
Response: 88786400
Conc: 46.02 ng/ml



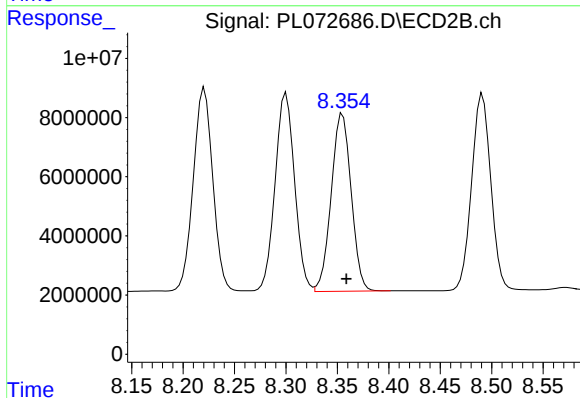
#9 Endosulfan I

R.T.: 7.392 min
Delta R.T.: -0.003 min
Response: 29769526
Conc: 50.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

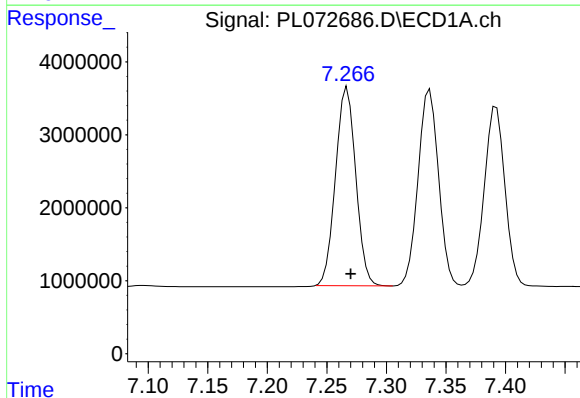
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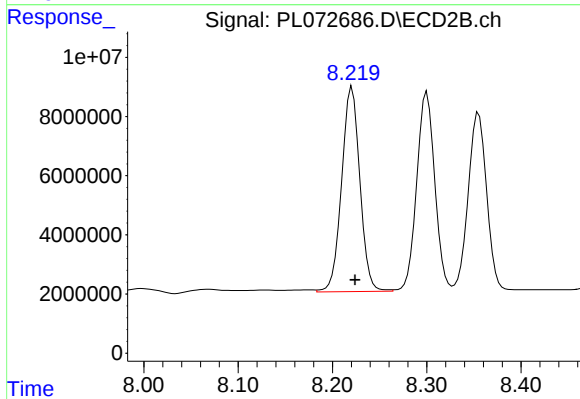
#9 Endosulfan I

R.T.: 8.355 min
Delta R.T.: -0.004 min
Response: 81108248
Conc: 46.36 ng/ml



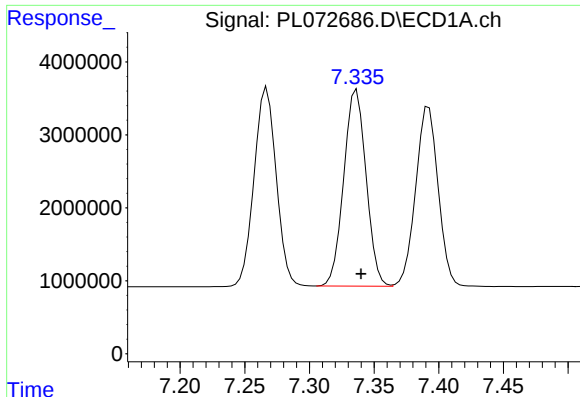
#10 gamma-Chlordane

R.T.: 7.267 min
Delta R.T.: -0.003 min
Response: 32179944
Conc: 50.80 ng/ml



#10 gamma-Chlordane

R.T.: 8.221 min
Delta R.T.: -0.003 min
Response: 93125564
Conc: 48.15 ng/ml



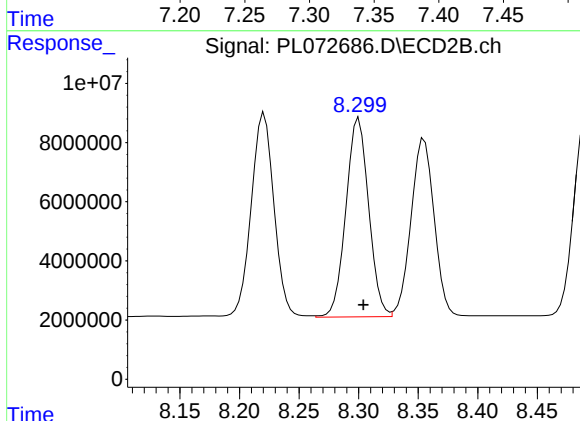
#11 alpha-Chlordane

R.T.: 7.336 min
Delta R.T.: -0.003 min
Response: 32313681
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

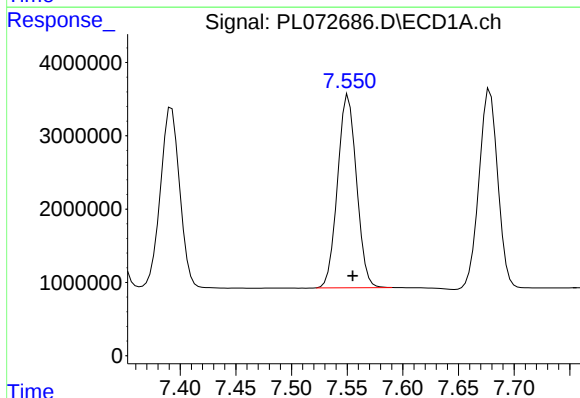
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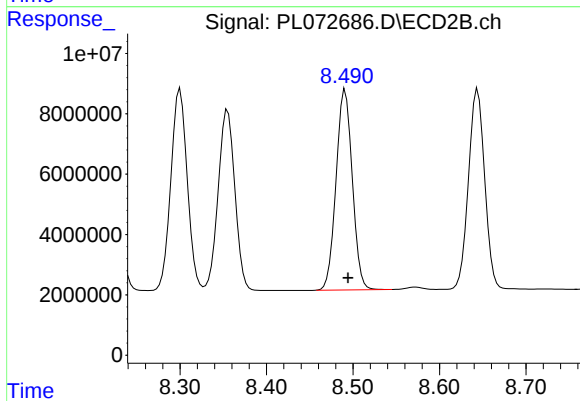
#11 alpha-Chlordane

R.T.: 8.300 min
Delta R.T.: -0.004 min
Response: 89388310
Conc: 47.05 ng/ml



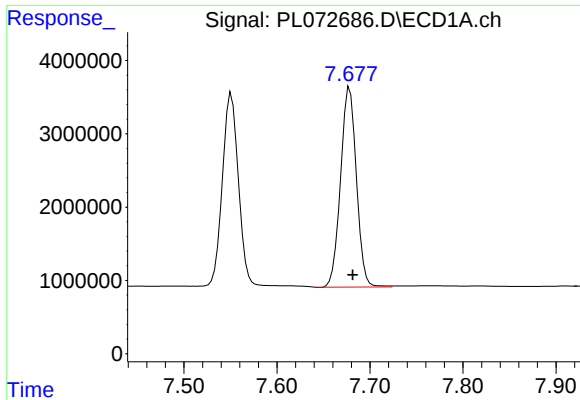
#12 4,4'-DDE

R.T.: 7.551 min
Delta R.T.: -0.004 min
Response: 31207058
Conc: 51.35 ng/ml



#12 4,4'-DDE

R.T.: 8.491 min
Delta R.T.: -0.003 min
Response: 86250849
Conc: 46.15 ng/ml



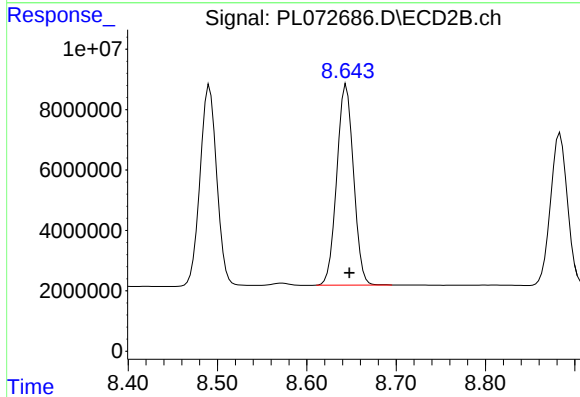
#13 Dieldrin

R.T.: 7.678 min
Delta R.T.: -0.003 min
Response: 32255722
Conc: 51.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

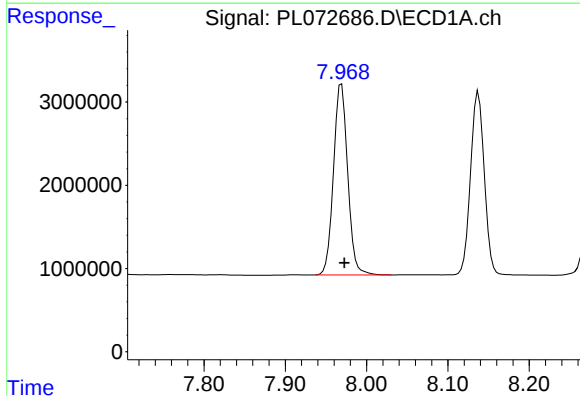
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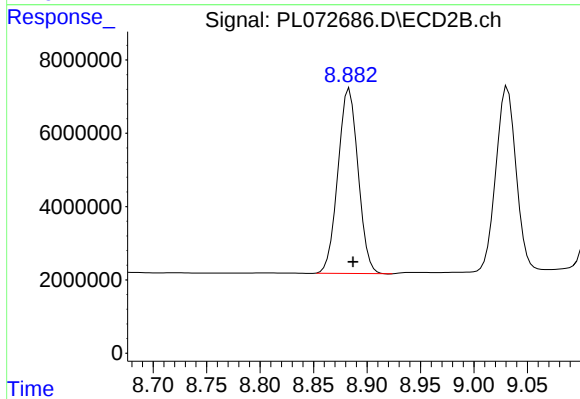
#13 Dieldrin

R.T.: 8.644 min
Delta R.T.: -0.004 min
Response: 86478898
Conc: 46.40 ng/ml



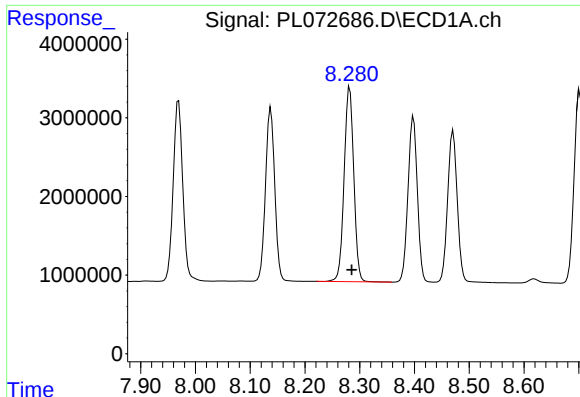
#14 Endrin

R.T.: 7.969 min
Delta R.T.: -0.003 min
Response: 27897367
Conc: 47.62 ng/ml



#14 Endrin

R.T.: 8.884 min
Delta R.T.: -0.004 min
Response: 66230312
Conc: 42.03 ng/ml



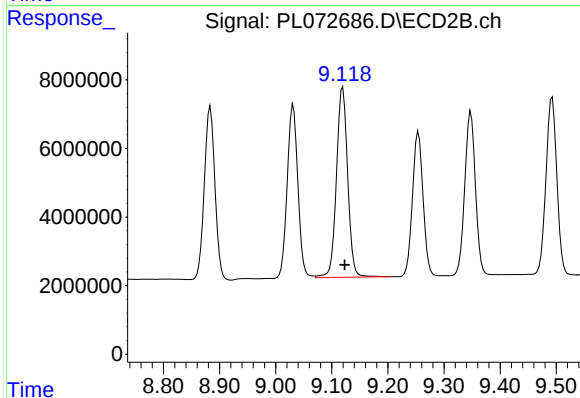
#15 Endosulfan II

R.T.: 8.282 min
Delta R.T.: -0.004 min
Response: 30157418
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

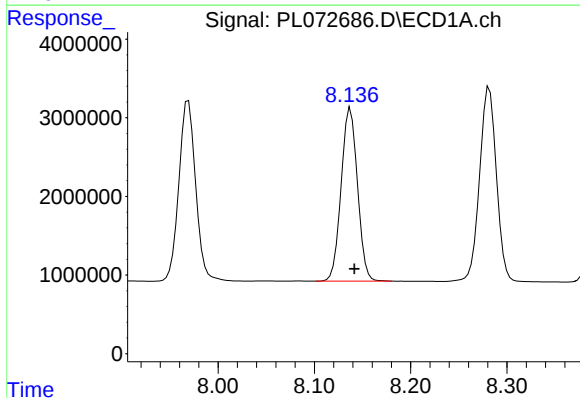
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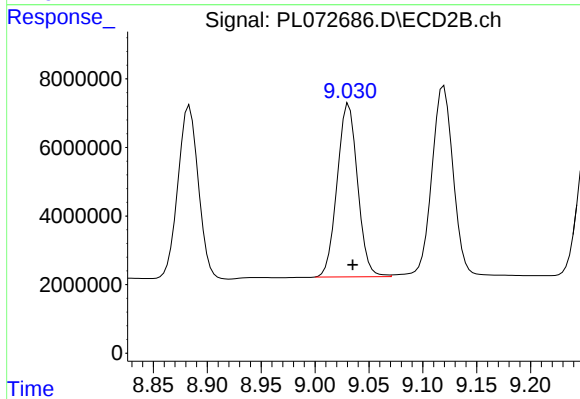
#15 Endosulfan II

R.T.: 9.120 min
Delta R.T.: -0.004 min
Response: 77197548
Conc: 45.91 ng/ml



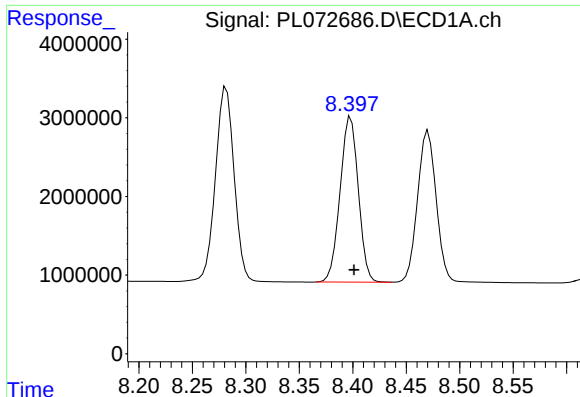
#16 4,4'-DDD

R.T.: 8.138 min
Delta R.T.: -0.004 min
Response: 25841893
Conc: 53.71 ng/ml



#16 4,4'-DDD

R.T.: 9.031 min
Delta R.T.: -0.004 min
Response: 66643575
Conc: 48.16 ng/ml



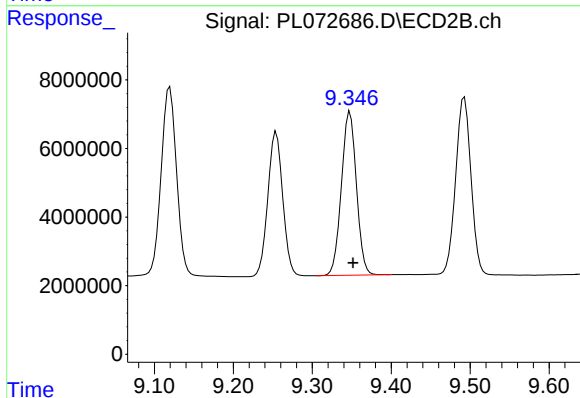
#17 4,4'-DDT

R.T.: 8.398 min
Delta R.T.: -0.003 min
Response: 24976494
Conc: 46.42 ng/ml

Instrument :
ECD_L
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PSTDCCC050

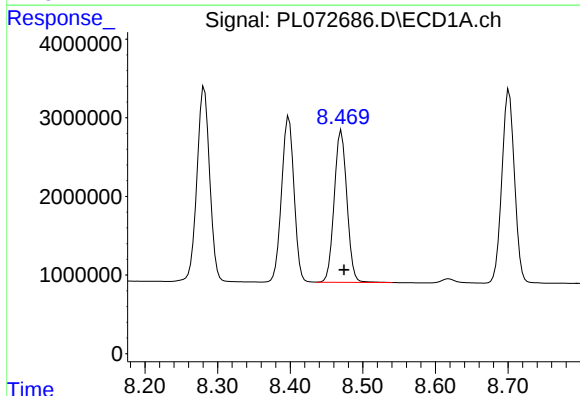
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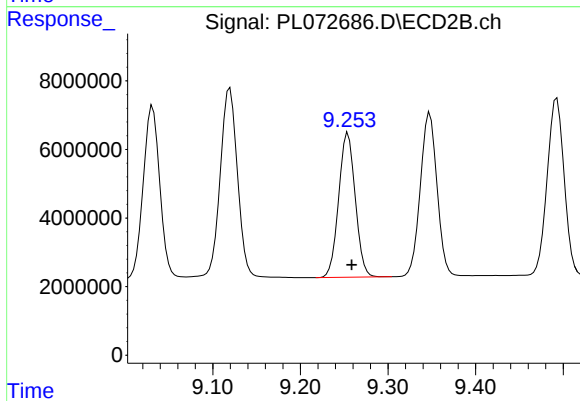
#17 4,4'-DDT

R.T.: 9.348 min
Delta R.T.: -0.004 min
Response: 63081811
Conc: 41.21 ng/ml



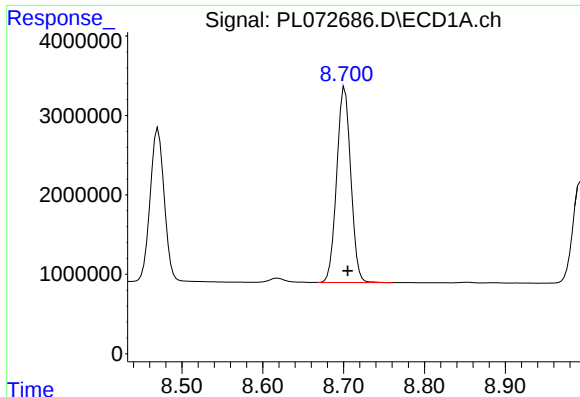
#18 Endrin aldehyde

R.T.: 8.471 min
Delta R.T.: -0.004 min
Response: 23448818
Conc: 53.80 ng/ml



#18 Endrin aldehyde

R.T.: 9.254 min
Delta R.T.: -0.004 min
Response: 55315911
Conc: 49.15 ng/ml



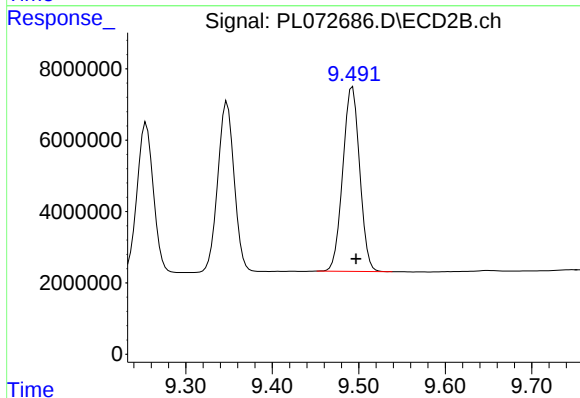
#19 Endosulfan Sulfate

R.T.: 8.701 min
Delta R.T.: -0.004 min
Response: 29750035
Conc: 49.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

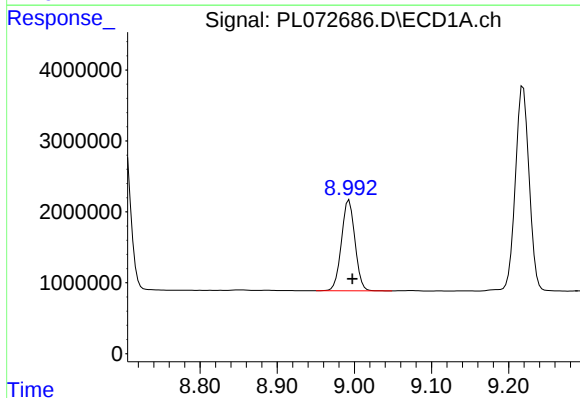
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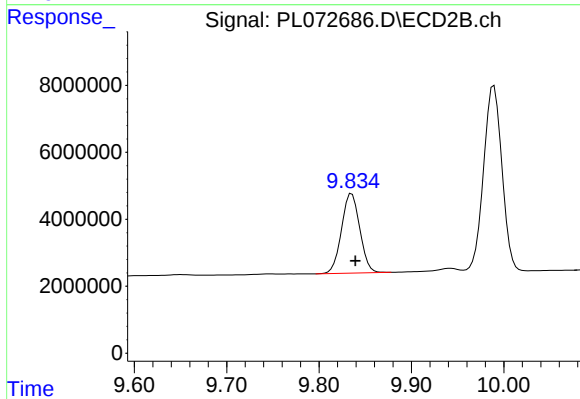
#19 Endosulfan Sulfate

R.T.: 9.493 min
Delta R.T.: -0.004 min
Response: 69759227
Conc: 46.63 ng/ml



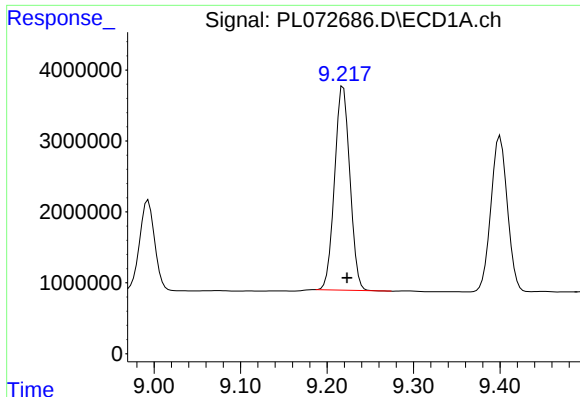
#20 Methoxychlor

R.T.: 8.993 min
Delta R.T.: -0.004 min
Response: 15521169
Conc: 44.14 ng/ml



#20 Methoxychlor

R.T.: 9.835 min
Delta R.T.: -0.004 min
Response: 32678928
Conc: 40.36 ng/ml



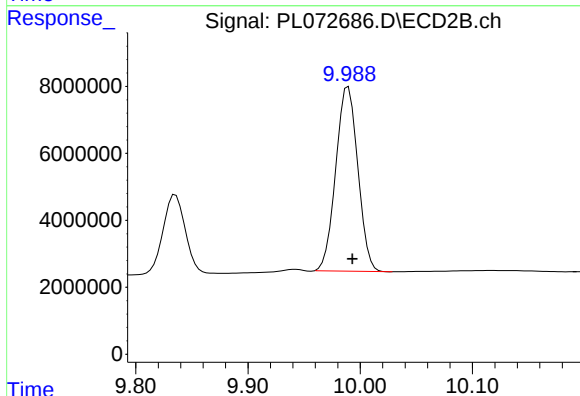
#21 Endrin ketone

R.T.: 9.219 min
Delta R.T.: -0.004 min
Response: 35165006
Conc: 51.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

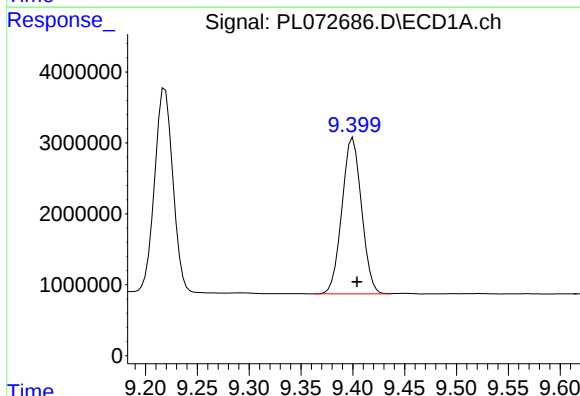
Manual Integrations
APPROVED

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



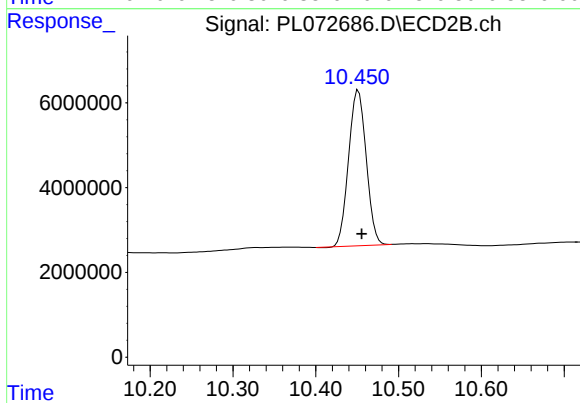
#21 Endrin ketone

R.T.: 9.989 min
Delta R.T.: -0.003 min
Response: 75225348
Conc: 47.21 ng/ml



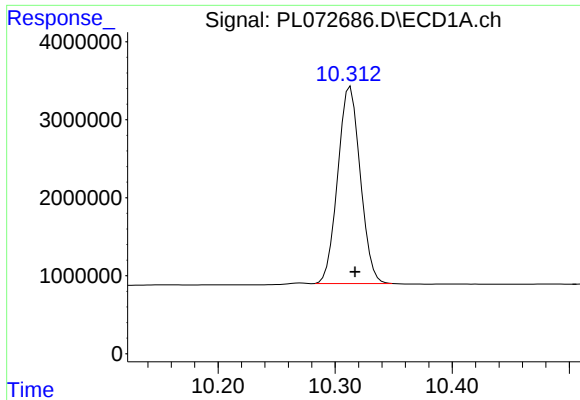
#22 Mirex

R.T.: 9.400 min
Delta R.T.: -0.004 min
Response: 28939144
Conc: 48.78 ng/ml



#22 Mirex

R.T.: 10.452 min
Delta R.T.: -0.004 min
Response: 54221585
Conc: 46.19 ng/ml



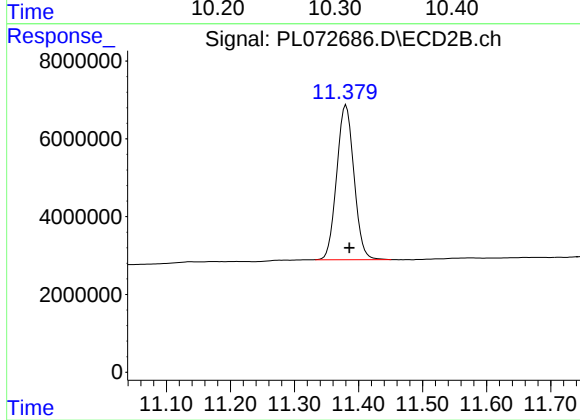
#28 Decachlorobiphenyl

R.T.: 10.313 min
Delta R.T.: -0.004 min
Response: 33759541
Conc: 44.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.381 min
Delta R.T.: -0.005 min
Response: 74550729
Conc: 47.01 ng/ml