

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020822\
 Data File : PL072534.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2022 17:18
 Operator : AR\AJ
 Sample : N1400-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 KTSI-WC-S-MH-01-02-0-15MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/09/2022
 Supervised By : Ankita Jodhani 02/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 05:49:41 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...	4.558	5.492	9543667	34561676	19.820	20.008
28)	SA Decachlor...	10.318	11.387	14998146	31482598	19.811	19.853
Target Compounds							
2)	A alpha-BHC	5.264	6.074	35912582	135.3E6	54.467	56.481
3)	MA gamma-BHC...	5.687	6.470	35107680	133.7E6	55.861	58.052
4)	MA Heptachlor	6.091	7.116	38916534	129.2E6	53.315m	56.753
5)	MB Aldrin	6.416	7.486	36230627	122.2E6	56.114	57.174
6)	B beta-BHC	6.073	6.730	15269903	53883415	61.625m	52.857
7)	B delta-BHC	6.330	6.995	35921697	124.7E6	54.252	54.445m
8)	B Heptachlo...	6.994	7.954	35450841	109.8E6	56.231	56.893
9)	A Endosulfan I	7.396	8.359	33472040	100.2E6	57.212	57.296
10)	B gamma-Chl...	7.272	8.225	36099513	110.6E6	56.988	57.156
11)	B alpha-Chl...	7.340	8.304	36282998	108.4E6	56.979	57.035
12)	B 4,4'-DDE	7.555	8.495	35405117	107.3E6	58.260	57.415
13)	MA Dieldrin	7.682	8.649	36422102	108.5E6	57.676	58.196
14)	MA Endrin	7.973	8.888	34364708	93222942	58.662	59.165
15)	B Endosulfa...	8.286	9.124	34042117	94605504	55.954	56.268
16)	A 4,4'-DDD	8.142	9.036	28781641	83688312	59.825	60.478
17)	MA 4,4'-DDT	8.402	9.352	31048935	88282232	57.703	57.669
18)	B Endrin al...	8.475	9.259	28478948	76089785	65.336	67.607
19)	B Endosulfa...	8.706	9.497	33256298	86108746	55.884	57.560
20)	A Methoxychlor	8.998	9.840	19483551	46325628	55.410	57.217
21)	B Endrin ke...	9.224	9.994	39485240	92889744	57.452	58.300
22)	Mirex	9.405	10.455	36372884	76460159	61.311	65.134

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

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 Acq On : 08 Feb 2022 17:18
 Operator : AR\AJ
 Sample : N1400-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

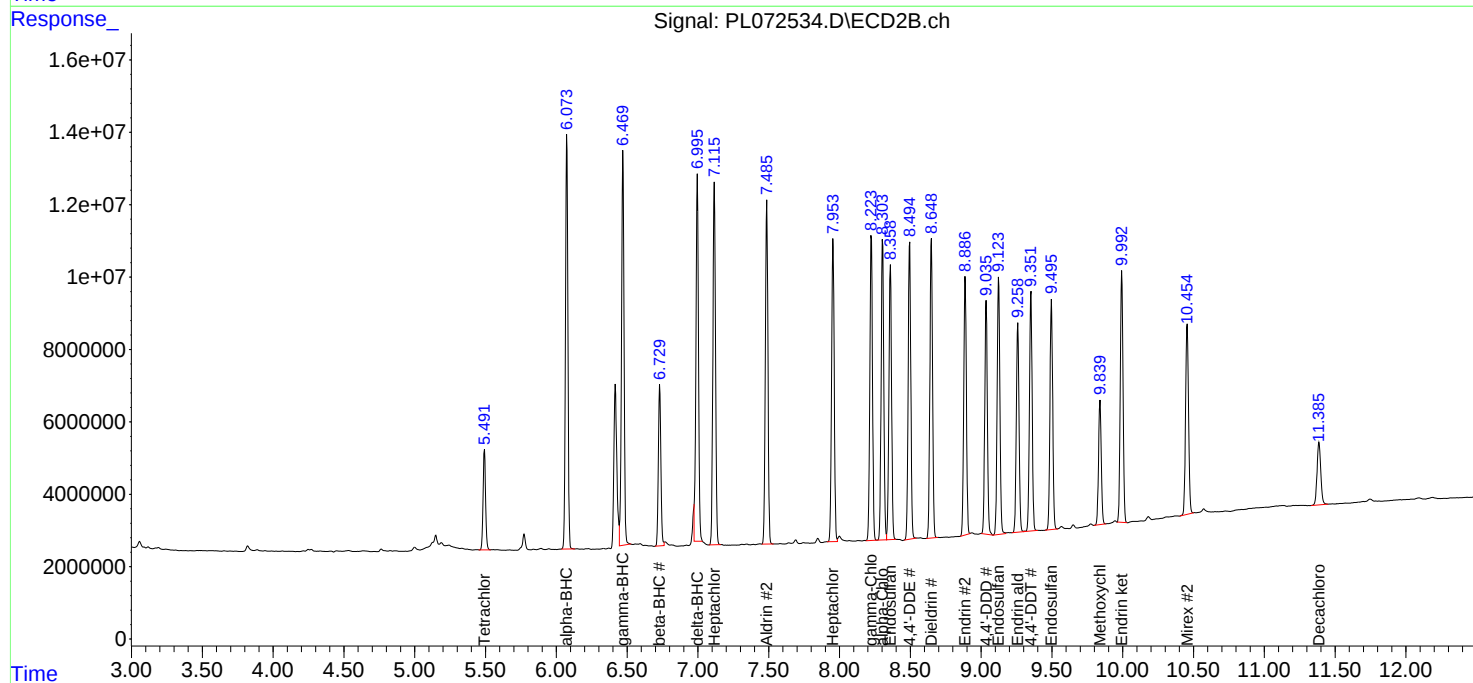
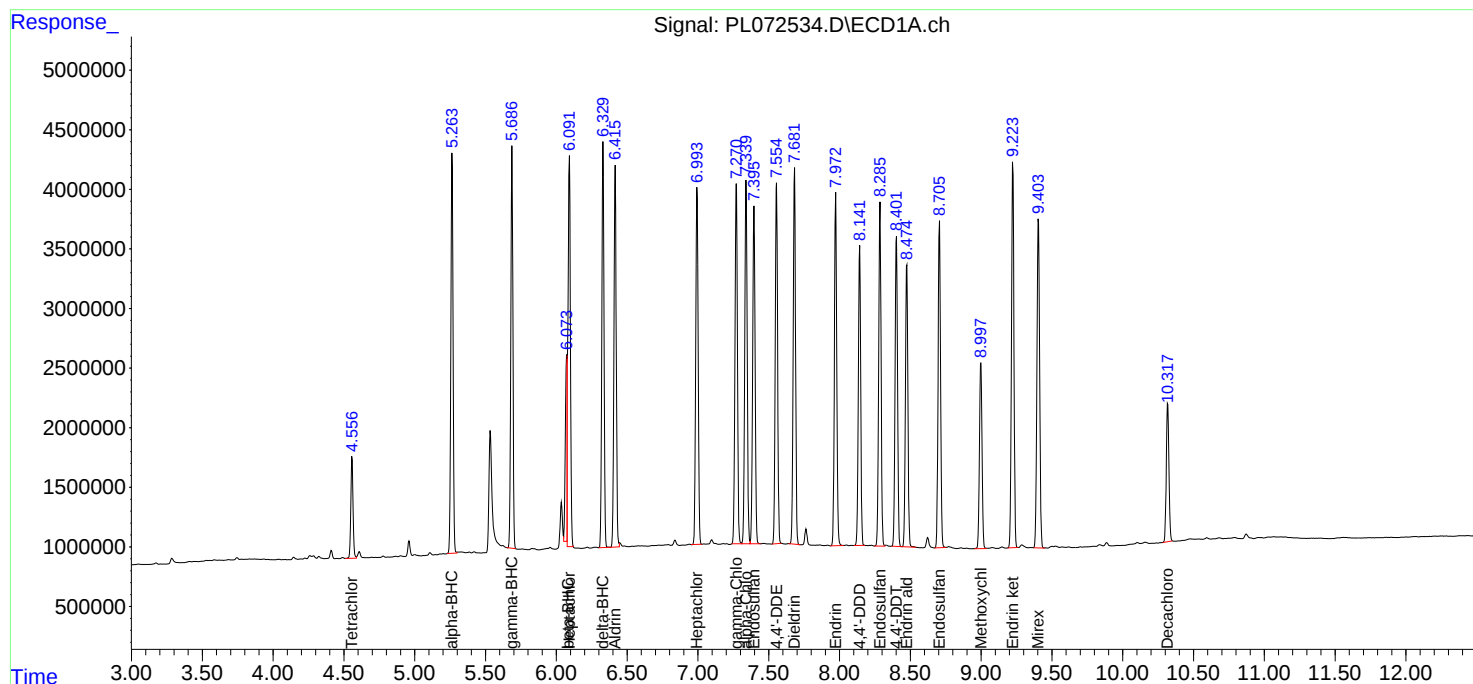
Instrument :
 ECD_L
 ClientSampleId :
 KTSI-WC-S-MH-01-02-0-15MSD

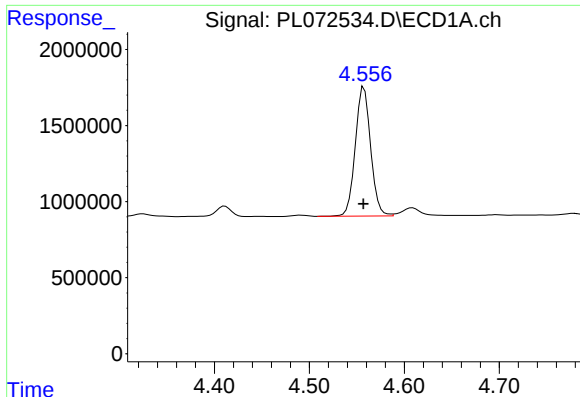
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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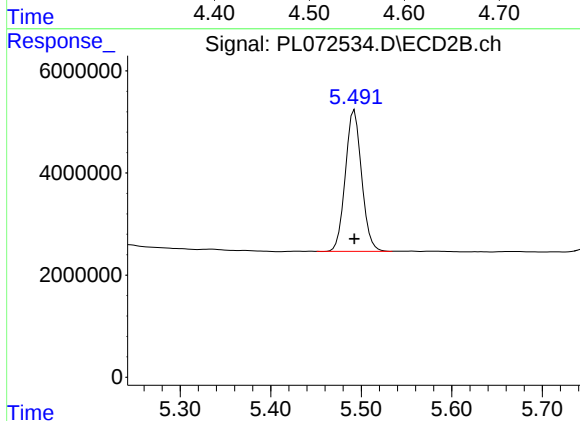
#1 Tetrachloro-m-xylene

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 9543667
Conc: 19.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MSD

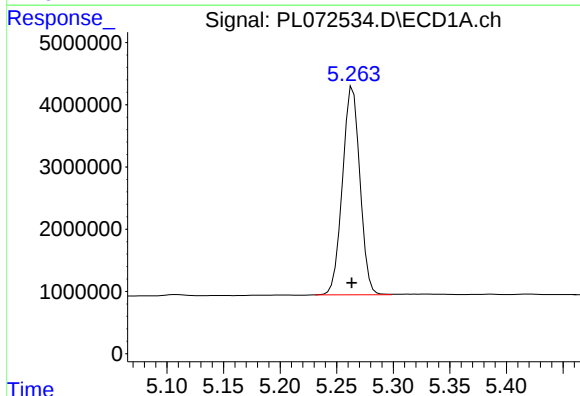
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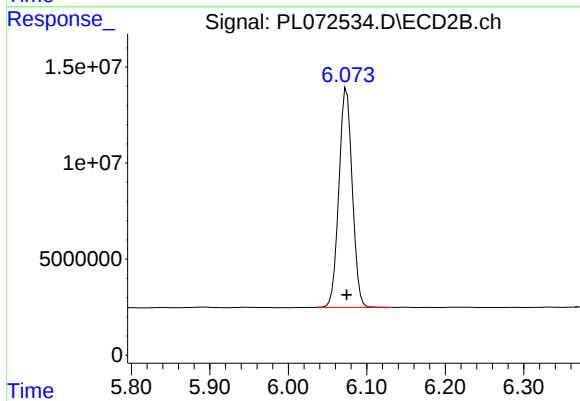
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 34561676
Conc: 20.01 ng/ml



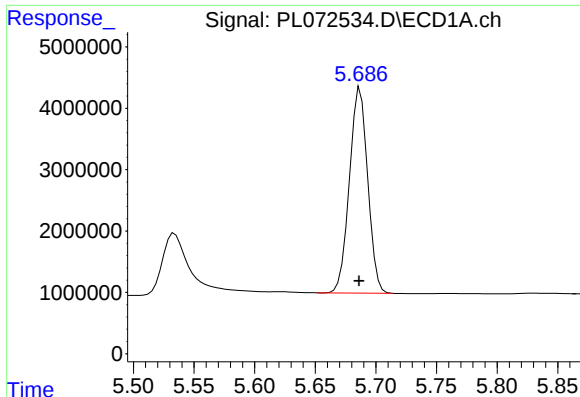
#2 alpha-BHC

R.T.: 5.264 min
Delta R.T.: 0.001 min
Response: 35912582
Conc: 54.47 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 135257402
Conc: 56.48 ng/ml



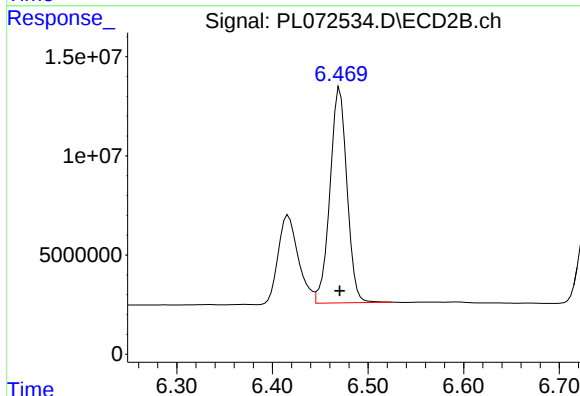
#3 gamma-BHC (Lindane)

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 35107680
Conc: 55.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MSD

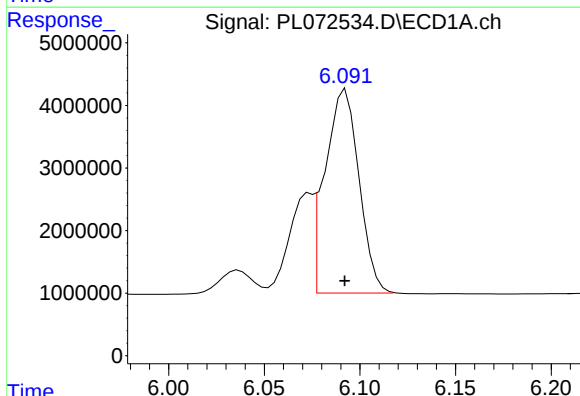
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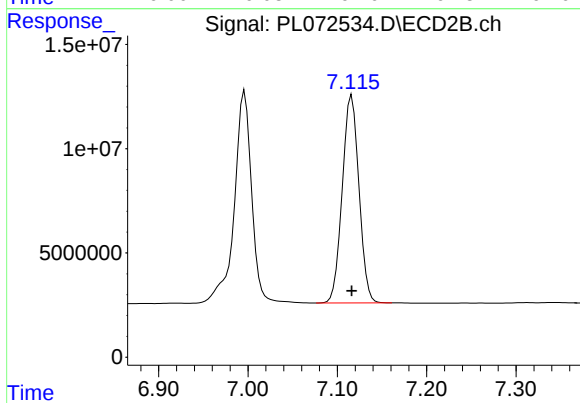
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 133662807
Conc: 58.05 ng/ml



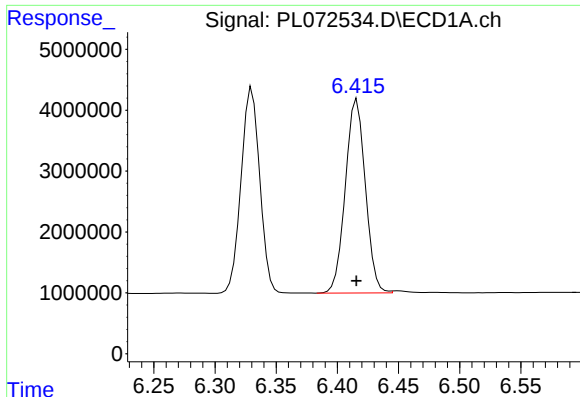
#4 Heptachlor

R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 38916534
Conc: 53.32 ng/ml m



#4 Heptachlor

R.T.: 7.116 min
Delta R.T.: 0.000 min
Response: 129217831
Conc: 56.75 ng/ml



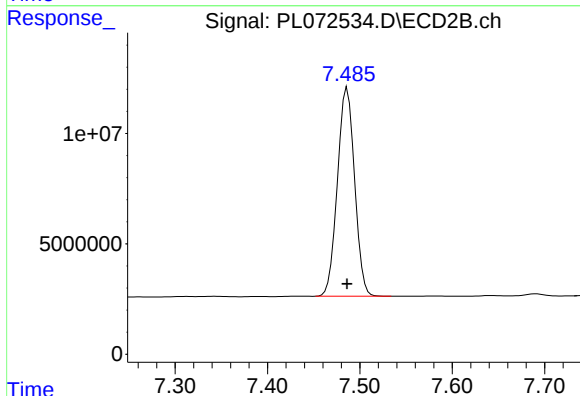
#5 Aldrin

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 36230627
Conc: 56.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MSD

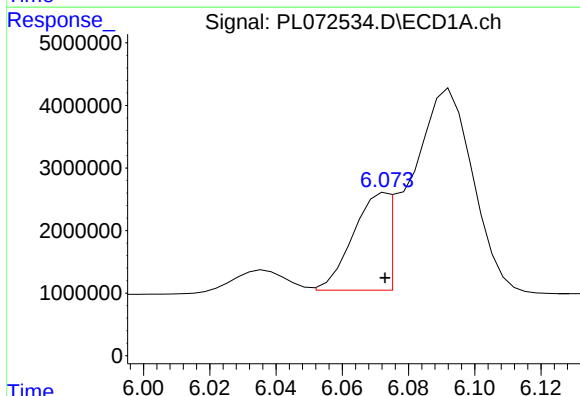
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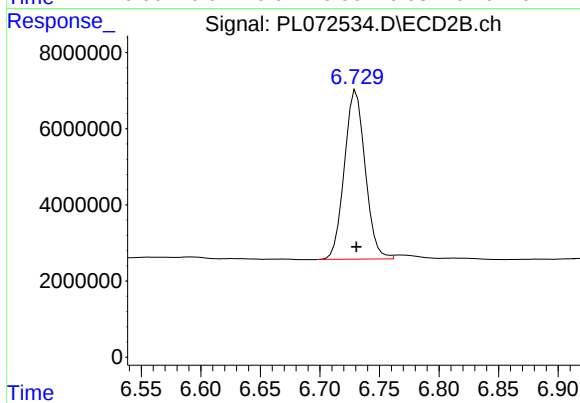
#5 Aldrin

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 122225058
Conc: 57.17 ng/ml



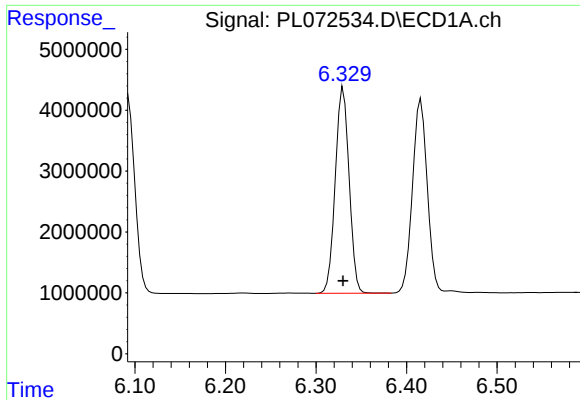
#6 beta-BHC

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 15269903
Conc: 61.62 ng/ml m



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 53883415
Conc: 52.86 ng/ml



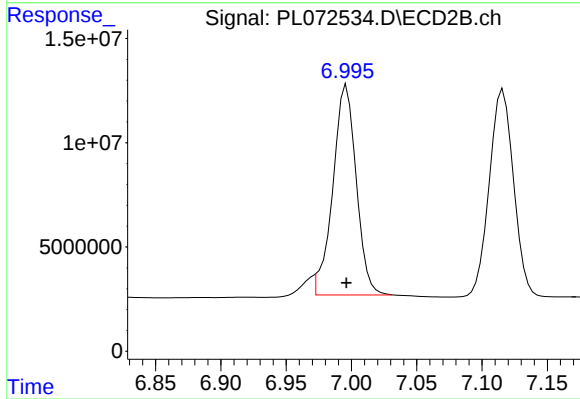
#7 delta-BHC

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 35921697
Conc: 54.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MSD

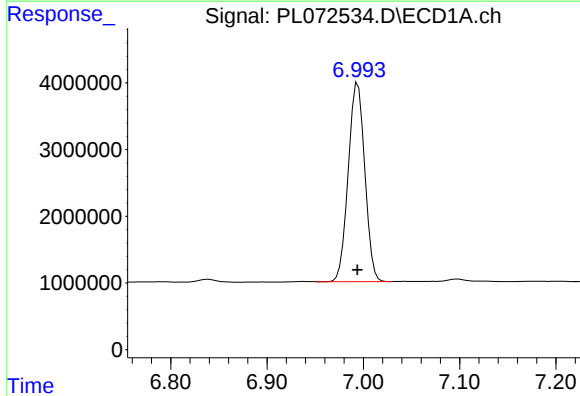
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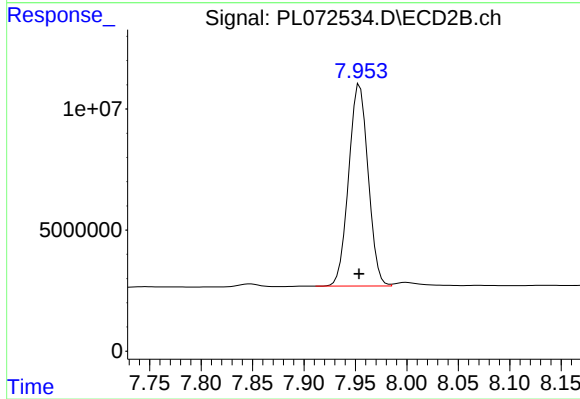
#7 delta-BHC

R.T.: 6.995 min
Delta R.T.: -0.001 min
Response: 124736151
Conc: 54.45 ng/ml m



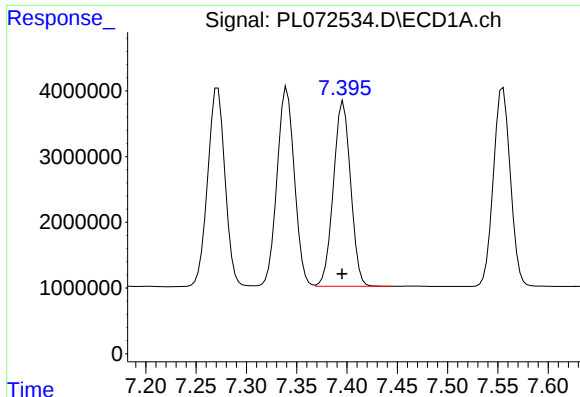
#8 Heptachlor epoxide

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 35450841
Conc: 56.23 ng/ml



#8 Heptachlor epoxide

R.T.: 7.954 min
Delta R.T.: 0.000 min
Response: 109761842
Conc: 56.89 ng/ml



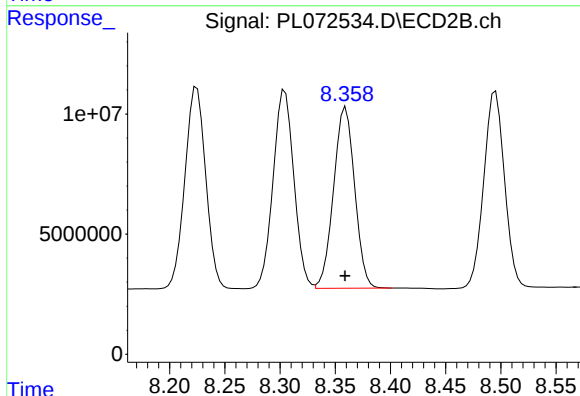
#9 Endosulfan I

R.T.: 7.396 min
Delta R.T.: 0.001 min
Response: 33472040
Conc: 57.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MSD

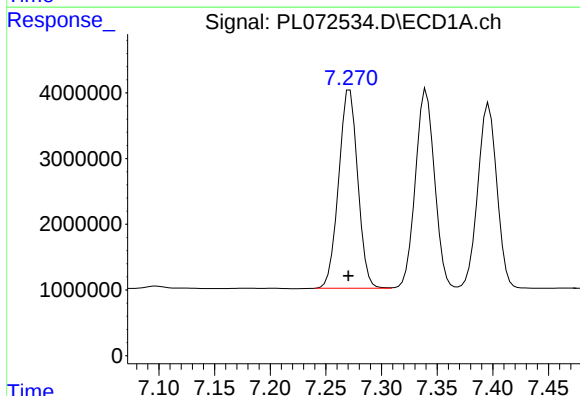
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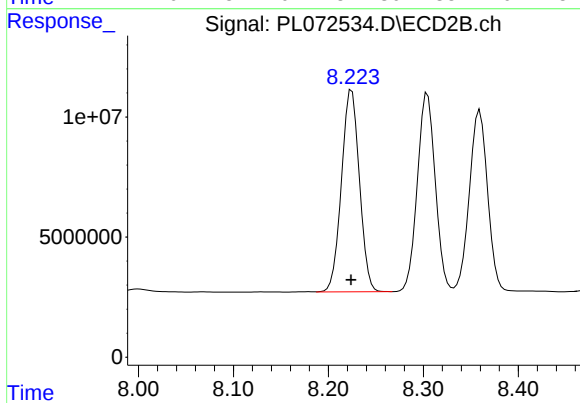
#9 Endosulfan I

R.T.: 8.359 min
Delta R.T.: 0.000 min
Response: 100238273
Conc: 57.30 ng/ml



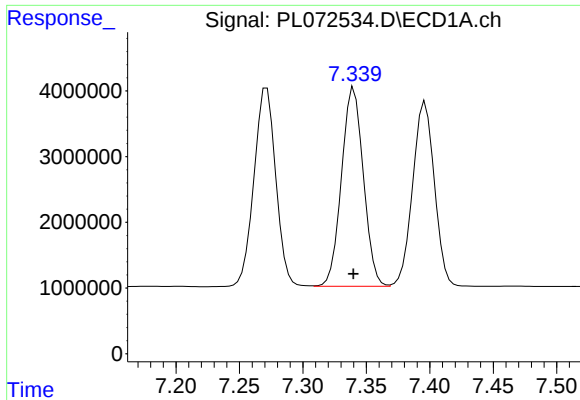
#10 gamma-Chlordane

R.T.: 7.272 min
Delta R.T.: 0.001 min
Response: 36099513
Conc: 56.99 ng/ml



#10 gamma-Chlordane

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 110554456
Conc: 57.16 ng/ml



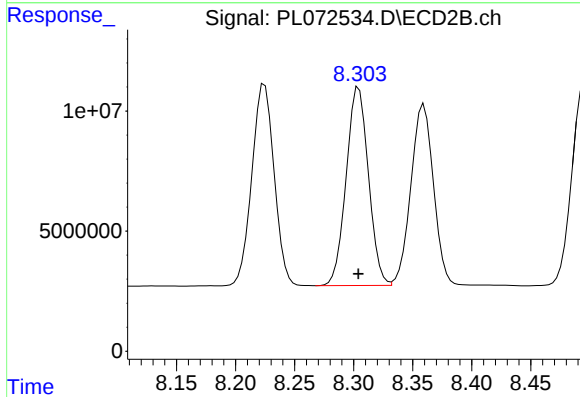
#11 alpha-Chlordane

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 36282998
Conc: 56.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MSD

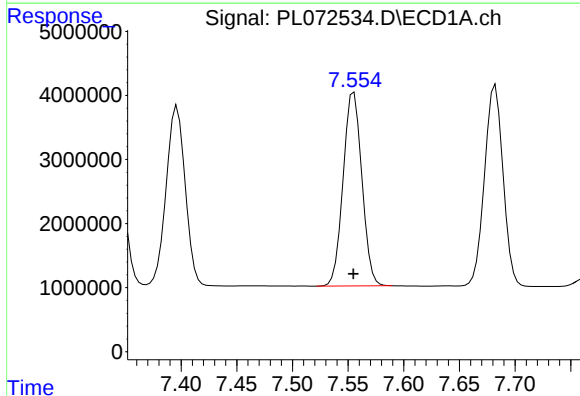
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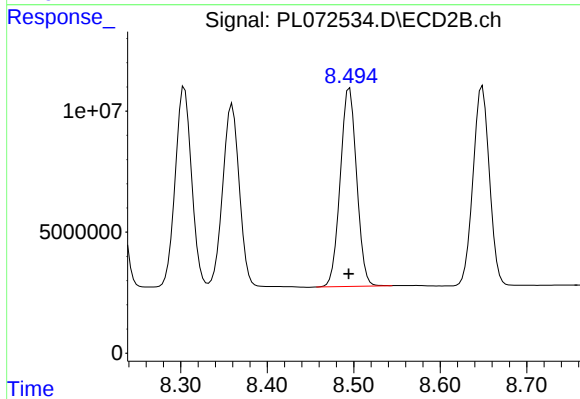
#11 alpha-Chlordane

R.T.: 8.304 min
Delta R.T.: 0.000 min
Response: 108364194
Conc: 57.03 ng/ml



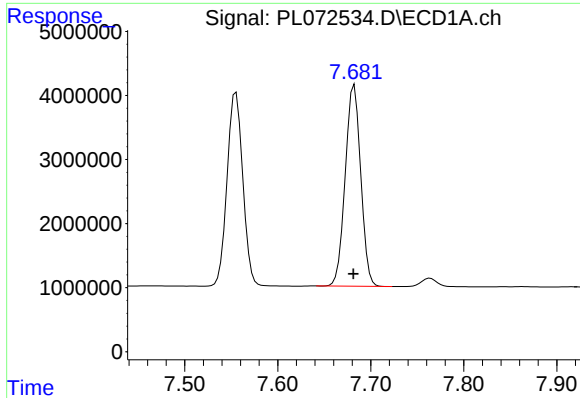
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 35405117
Conc: 58.26 ng/ml



#12 4,4'-DDE

R.T.: 8.495 min
Delta R.T.: 0.001 min
Response: 107313812
Conc: 57.42 ng/ml



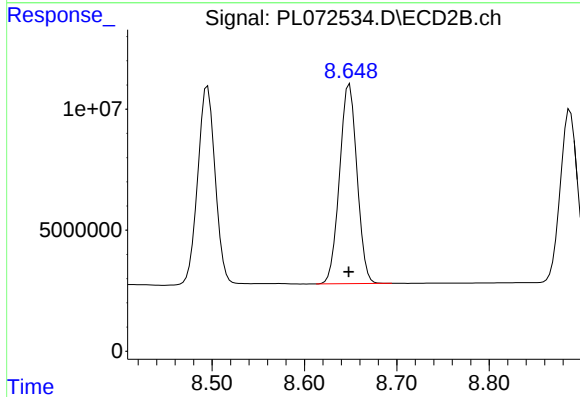
#13 Dieldrin

R.T.: 7.682 min
Delta R.T.: 0.001 min
Response: 36422102
Conc: 57.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MSD

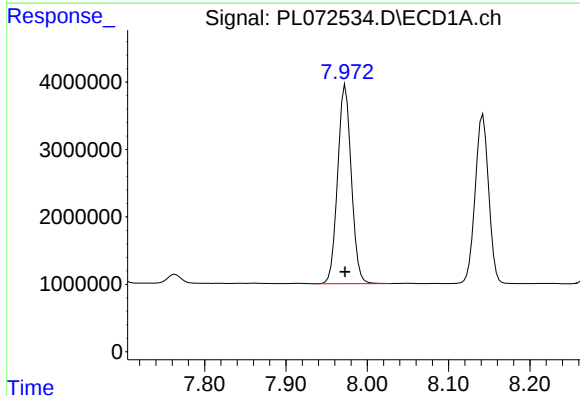
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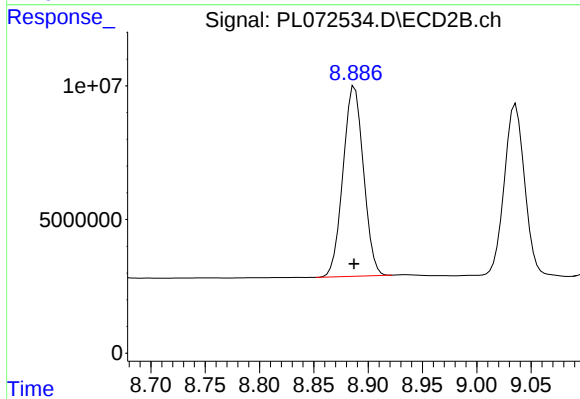
#13 Dieldrin

R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 108458382
Conc: 58.20 ng/ml



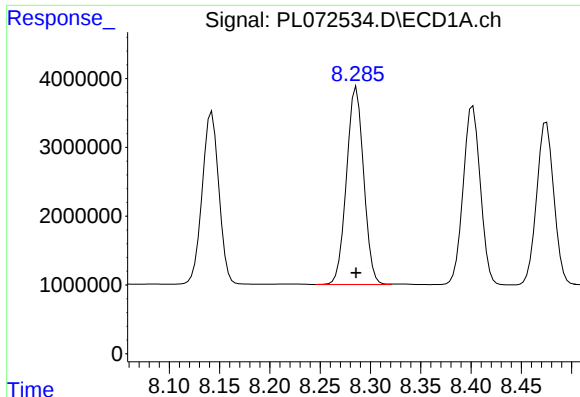
#14 Endrin

R.T.: 7.973 min
Delta R.T.: 0.000 min
Response: 34364708
Conc: 58.66 ng/ml



#14 Endrin

R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 93222942
Conc: 59.17 ng/ml



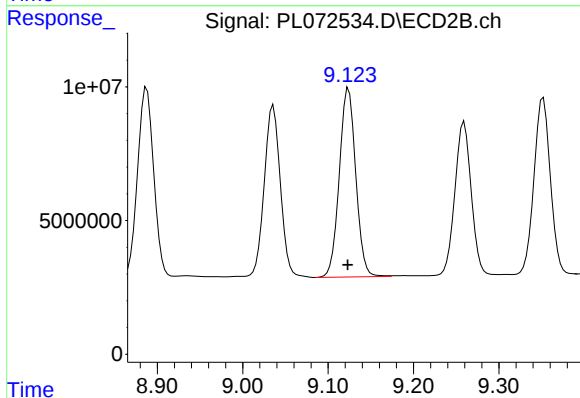
#15 Endosulfan II

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 34042117
Conc: 55.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
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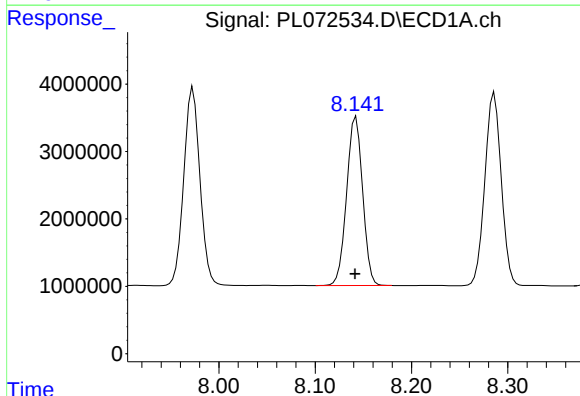
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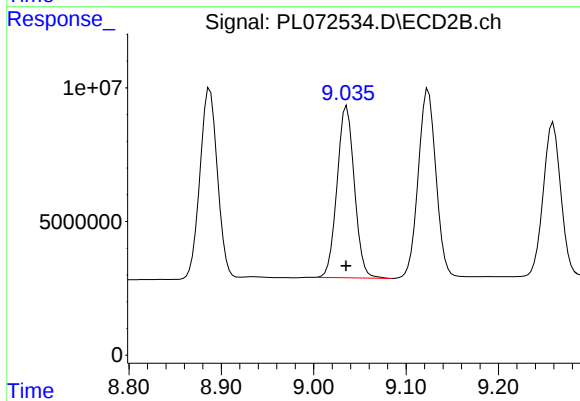
#15 Endosulfan II

R.T.: 9.124 min
Delta R.T.: 0.000 min
Response: 94605504
Conc: 56.27 ng/ml



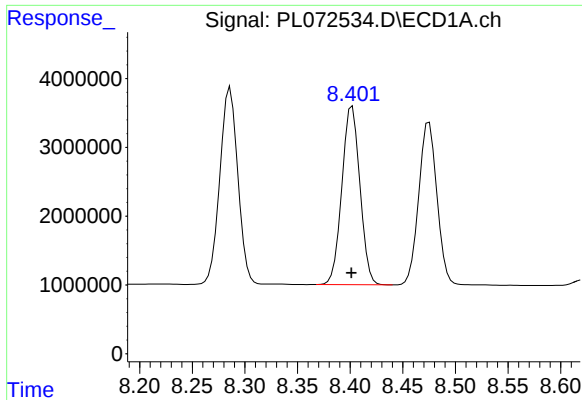
#16 4,4'-DDD

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 28781641
Conc: 59.83 ng/ml



#16 4,4'-DDD

R.T.: 9.036 min
Delta R.T.: 0.000 min
Response: 83688312
Conc: 60.48 ng/ml



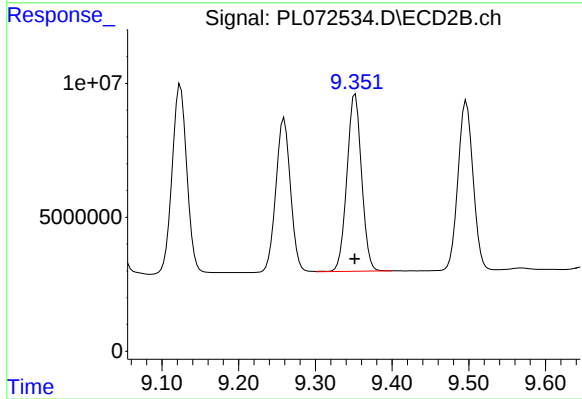
#17 4,4'-DDT

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 31048935
Conc: 57.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MSD

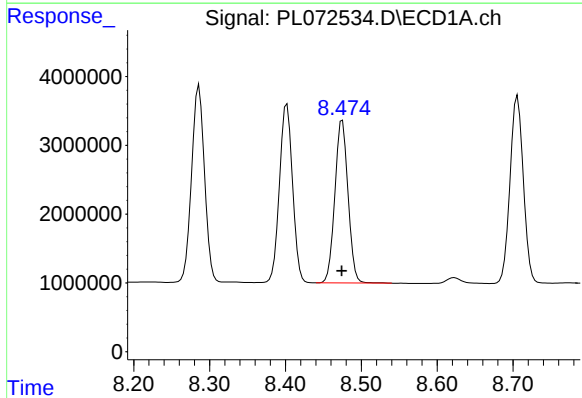
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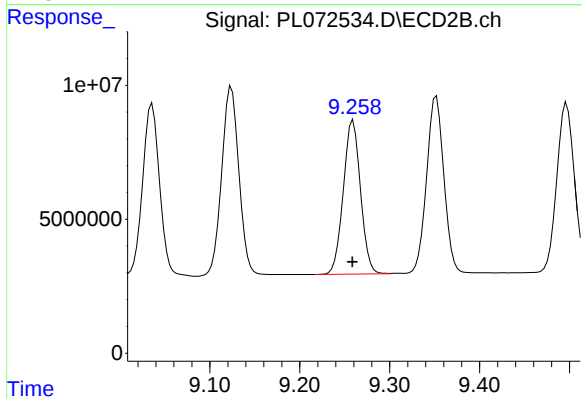
#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 88282232
Conc: 57.67 ng/ml



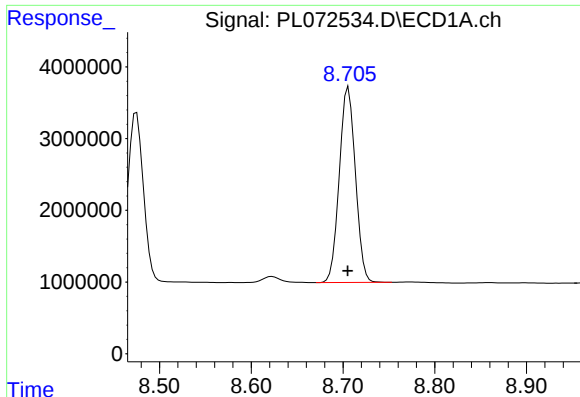
#18 Endrin aldehyde

R.T.: 8.475 min
Delta R.T.: 0.000 min
Response: 28478948
Conc: 65.34 ng/ml



#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: 0.000 min
Response: 76089785
Conc: 67.61 ng/ml



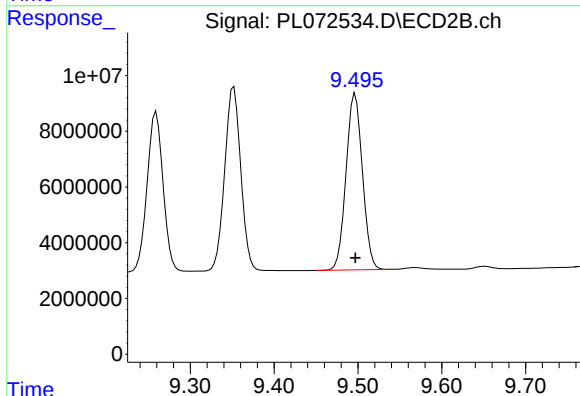
#19 Endosulfan Sulfate

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 33256298
Conc: 55.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MSD

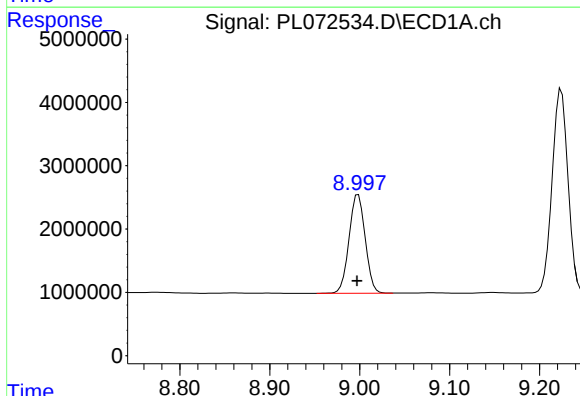
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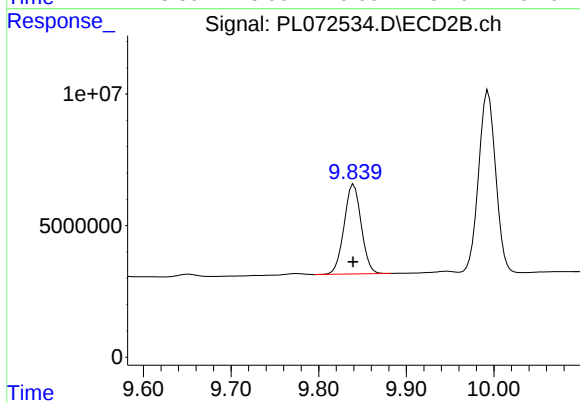
#19 Endosulfan Sulfate

R.T.: 9.497 min
Delta R.T.: 0.000 min
Response: 86108746
Conc: 57.56 ng/ml



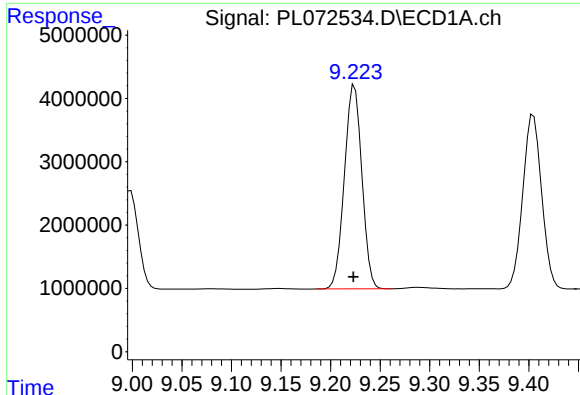
#20 Methoxychlor

R.T.: 8.998 min
Delta R.T.: 0.001 min
Response: 19483551
Conc: 55.41 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: 0.000 min
Response: 46325628
Conc: 57.22 ng/ml



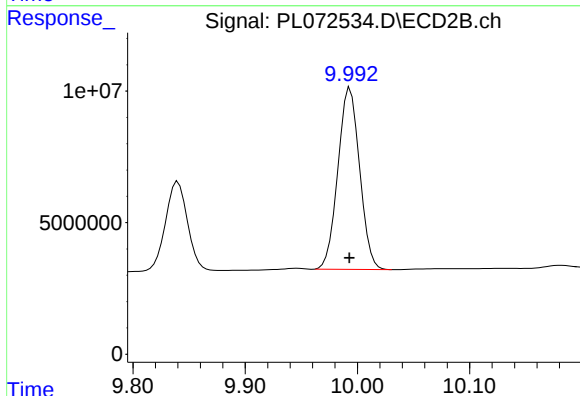
#21 Endrin ketone

R.T.: 9.224 min
Delta R.T.: 0.001 min
Response: 39485240
Conc: 57.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MSD

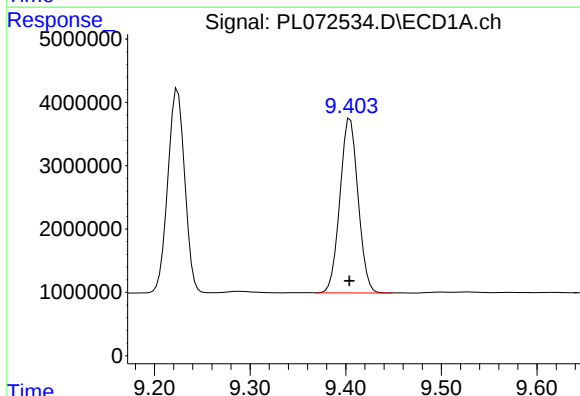
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/09/2022
Supervised By :Ankita Jodhani 02/09/2022



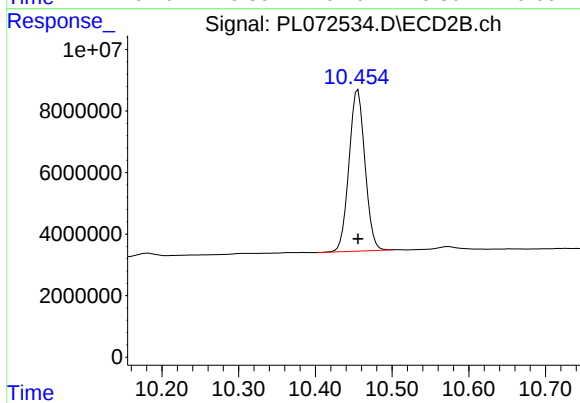
#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: 0.000 min
Response: 92889744
Conc: 58.30 ng/ml



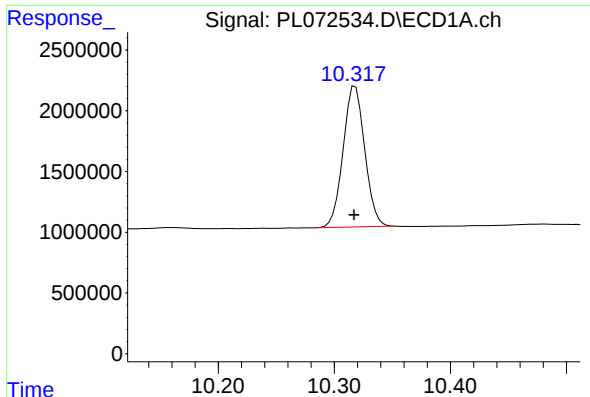
#22 Mirex

R.T.: 9.405 min
Delta R.T.: 0.000 min
Response: 36372884
Conc: 61.31 ng/ml



#22 Mirex

R.T.: 10.455 min
Delta R.T.: 0.000 min
Response: 76460159
Conc: 65.13 ng/ml



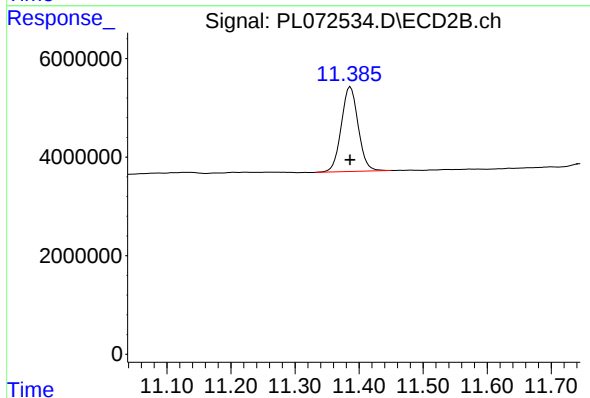
#28 Decachlorobiphenyl

R.T.: 10.318 min
Delta R.T.: 0.000 min
Response: 14998146
Conc: 19.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
KTSI-WC-S-MH-01-02-0-15MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/09/2022
Supervised By :Ankita Jodhani 02/09/2022



#28 Decachlorobiphenyl

R.T.: 11.387 min
Delta R.T.: 0.000 min
Response: 31482598
Conc: 19.85 ng/ml