

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022222\
 Data File : PL072887.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2022 15:18
 Operator : AR\AJ
 Sample : PB142831BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB142831BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/23/2022
 Supervised By : Ankita Jodhani 02/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 05:33:39 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...	4.552	5.489	9262188	33725412	19.236	19.524
28)	SA Decachlor...	10.312	11.379	17819177	38160913	23.538	24.064
Target Compounds							
2)	A alpha-BHC	5.258	6.071	27995441	107.8E6	42.459	44.999
3)	MA gamma-BHC...	5.682	6.467	27687185	101.8E6	44.054	44.201
4)	MA Heptachlor	6.086	7.112	32626884	105.6E6	44.699m	46.397
5)	MB Aldrin	6.411	7.482	29999472	99933100	46.464	46.746
6)	B beta-BHC	6.067	6.727	12640435	44654035	51.013m	43.803
7)	B delta-BHC	6.325	6.992	28764929	101.0E6	43.443	44.068
8)	B Heptachlo...	6.988	7.950	29973674	91516624	47.543	47.436
9)	A Endosulfan I	7.390	8.355	28278253	85280269	48.335	48.746
10)	B gamma-Chl...	7.264	8.220	30463663	92126808	48.091m	47.629
11)	B alpha-Chl...	7.335	8.300	30825613	91434576	48.409	48.124
12)	B 4,4'-DDE	7.550	8.491	30229778	89822032	49.744	48.057
13)	MA Dieldrin	7.677	8.644	31327974	91537480	49.609	49.117
14)	MA Endrin	7.968	8.883	28981804	80113387	49.473	50.845
15)	B Endosulfa...	8.280	9.119	29679910	80524347	48.784	47.893
16)	A 4,4'-DDD	8.136	9.032	24365546	67871671	50.646	49.048
17)	MA 4,4'-DDT	8.396	9.347	27989047	76360503	52.016	49.881
18)	B Endrin al...	8.470	9.255	24883157	65541377	57.087	58.234
19)	B Endosulfa...	8.700	9.493	29557364	75133144	49.668	50.224
20)	A Methoxychlor	8.992	9.835	17988528	40898250	51.158	50.513
21)	B Endrin ke...	9.217	9.989	34016340	80198179	49.495	50.335
22)	Mirex	9.399	10.450	32544330	66420591	54.858	56.581

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

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ClientSampleId :

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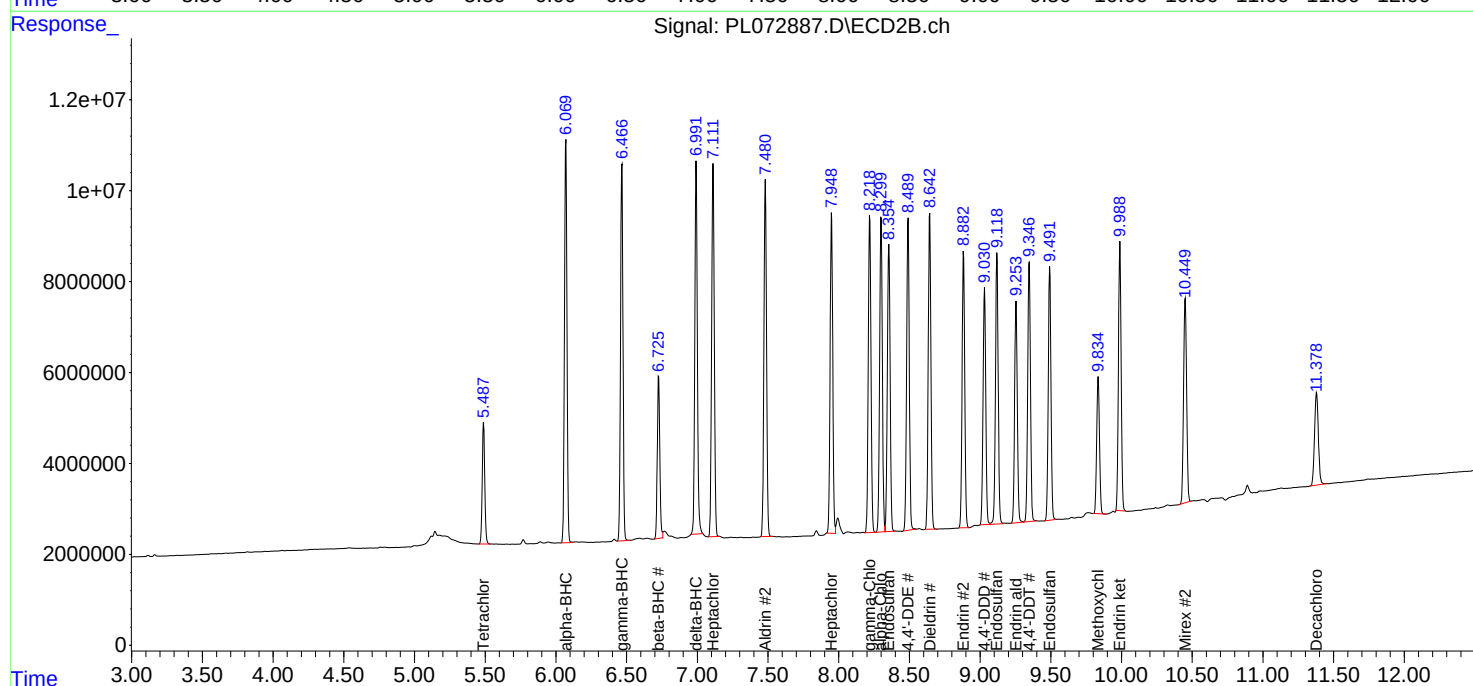
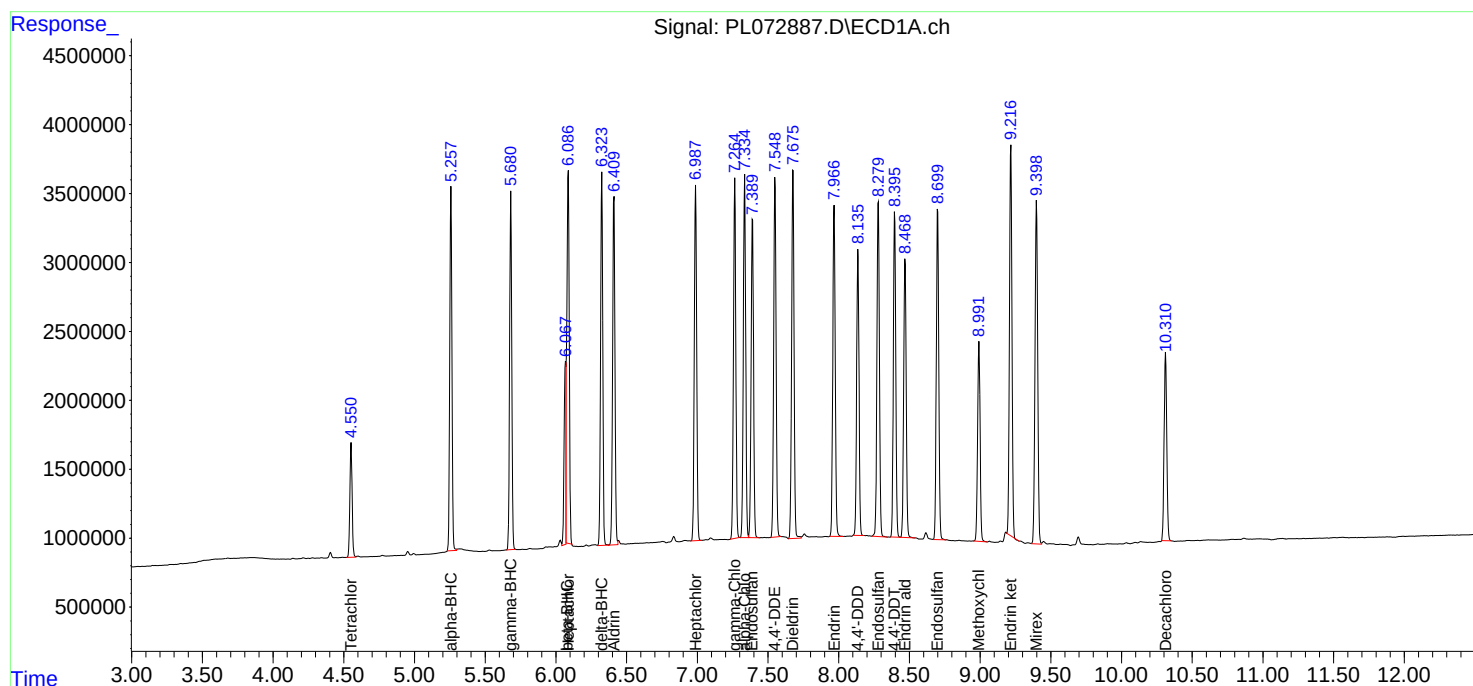
Manual Integrations

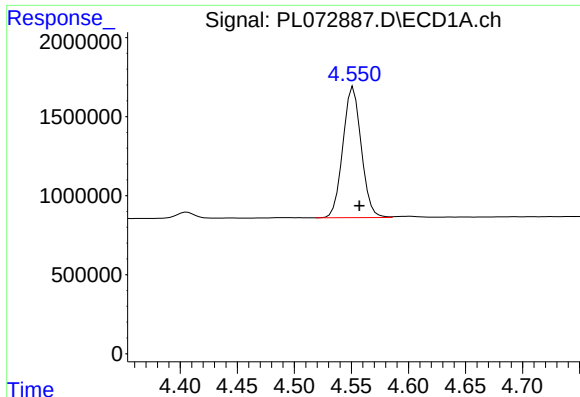
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Reviewed By :Abdul Mirza 02/23/2022
 Supervised By :Ankita Jodhani 02/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 05:33:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
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Volume Inj. : 1 µl
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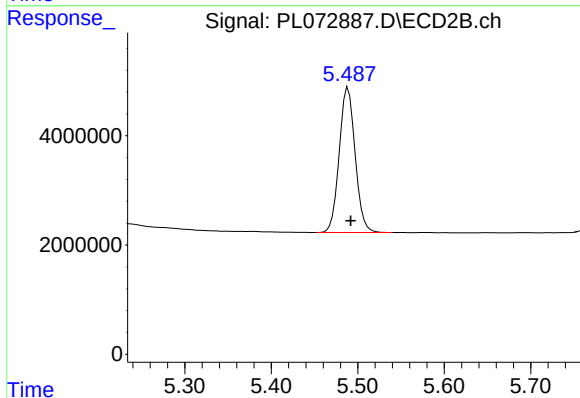
#1 Tetrachloro-m-xylene

R.T.: 4.552 min
Delta R.T.: -0.005 min
Response: 9262188
Conc: 19.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142831BS

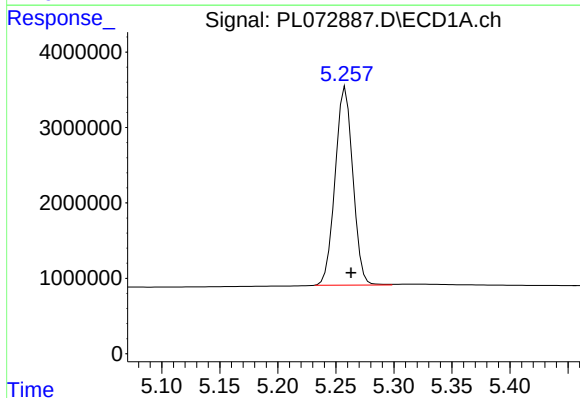
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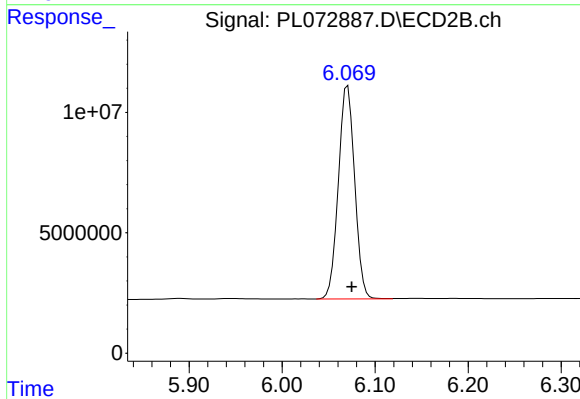
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 33725412
Conc: 19.52 ng/ml



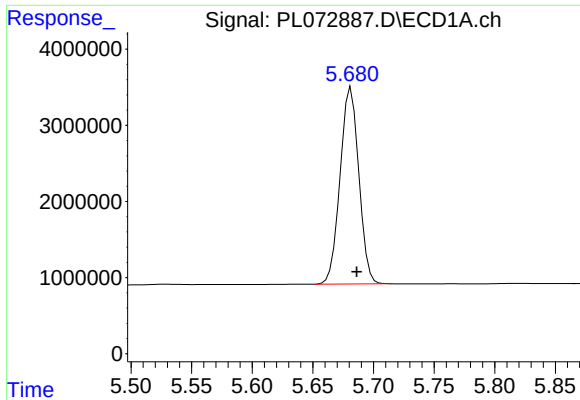
#2 alpha-BHC

R.T.: 5.258 min
Delta R.T.: -0.005 min
Response: 27995441
Conc: 42.46 ng/ml



#2 alpha-BHC

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 107760377
Conc: 45.00 ng/ml



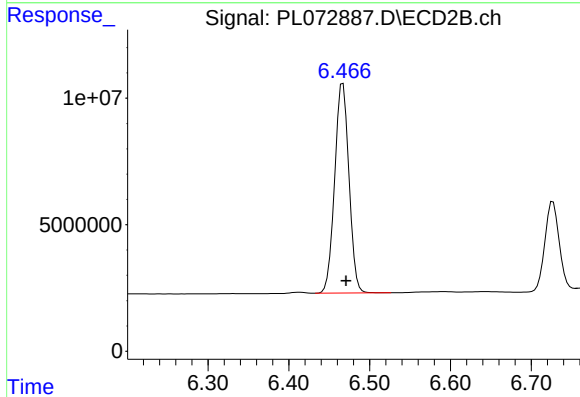
#3 gamma-BHC (Lindane)

R.T.: 5.682 min
Delta R.T.: -0.005 min
Response: 27687185
Conc: 44.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142831BS

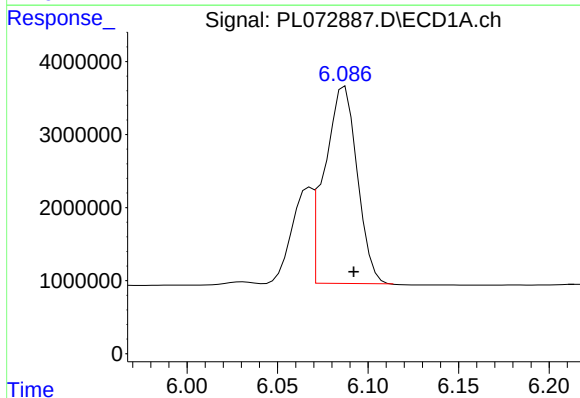
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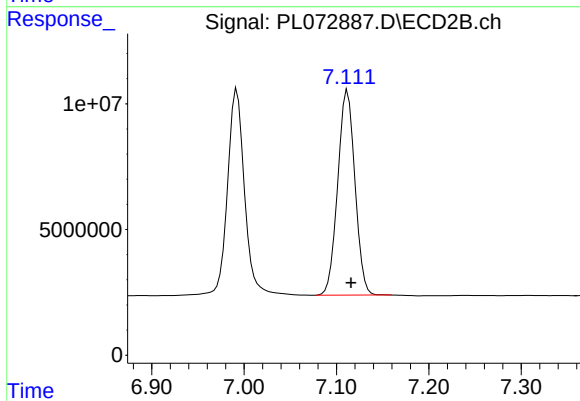
#3 gamma-BHC (Lindane)

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 101770898
Conc: 44.20 ng/ml



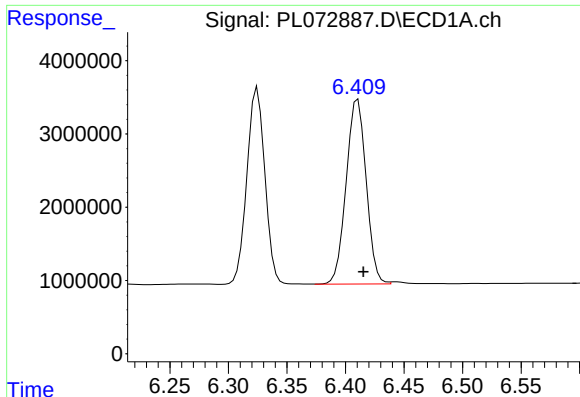
#4 Heptachlor

R.T.: 6.086 min
Delta R.T.: -0.006 min
Response: 32626884
Conc: 44.70 ng/ml m



#4 Heptachlor

R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 105639187
Conc: 46.40 ng/ml



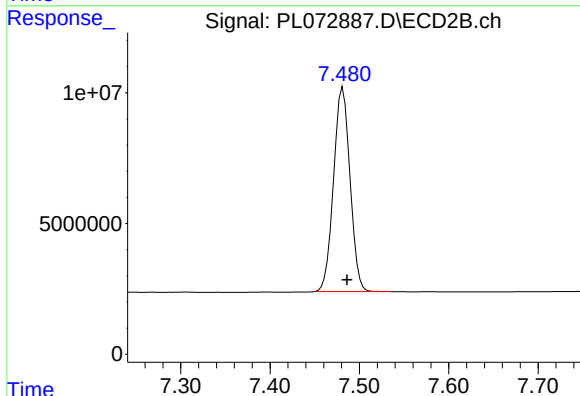
#5 Aldrin

R.T.: 6.411 min
Delta R.T.: -0.005 min
Response: 29999472
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142831BS

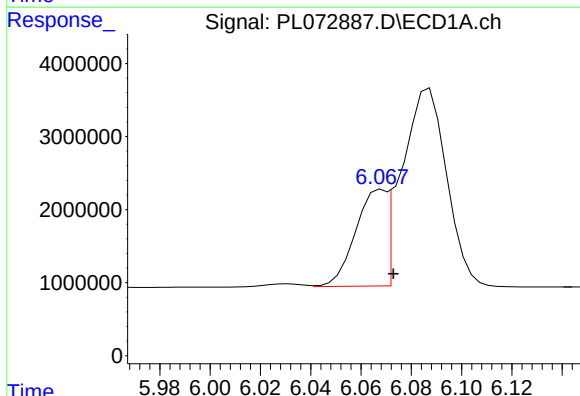
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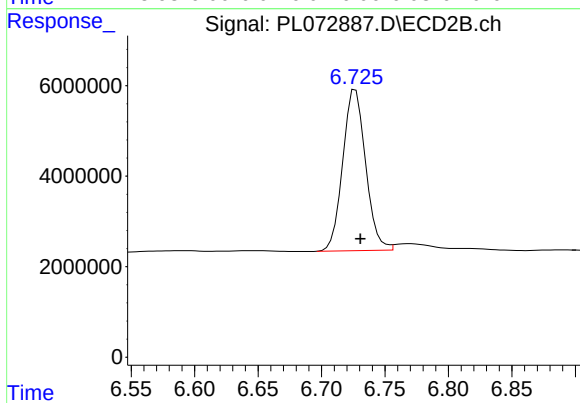
#5 Aldrin

R.T.: 7.482 min
Delta R.T.: -0.005 min
Response: 99933100
Conc: 46.75 ng/ml



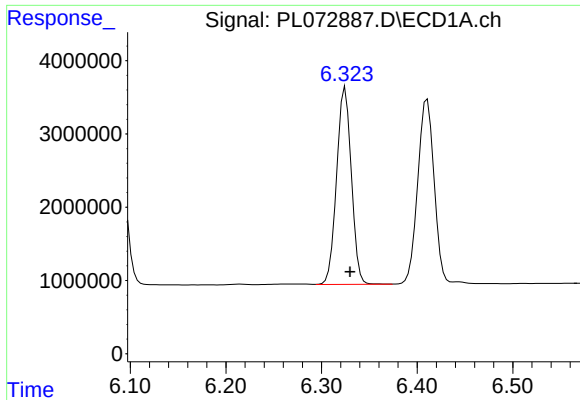
#6 beta-BHC

R.T.: 6.067 min
Delta R.T.: -0.006 min
Response: 12640435
Conc: 51.01 ng/ml m



#6 beta-BHC

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 44654035
Conc: 43.80 ng/ml



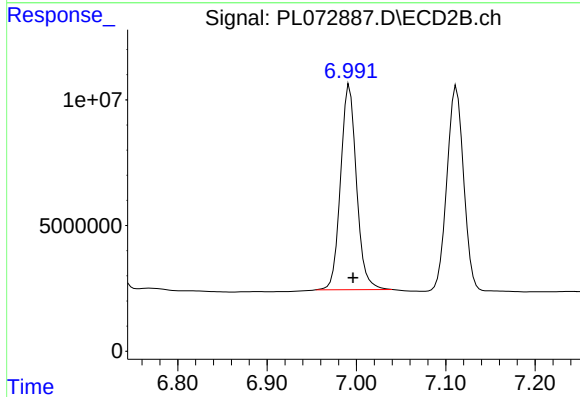
#7 delta-BHC

R.T.: 6.325 min
Delta R.T.: -0.005 min
Response: 28764929
Conc: 43.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142831BS

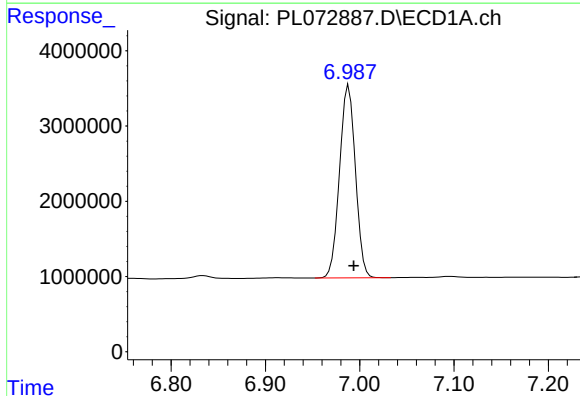
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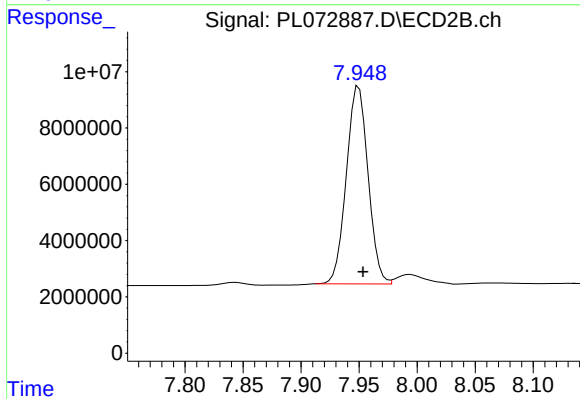
#7 delta-BHC

R.T.: 6.992 min
Delta R.T.: -0.004 min
Response: 100961807
Conc: 44.07 ng/ml



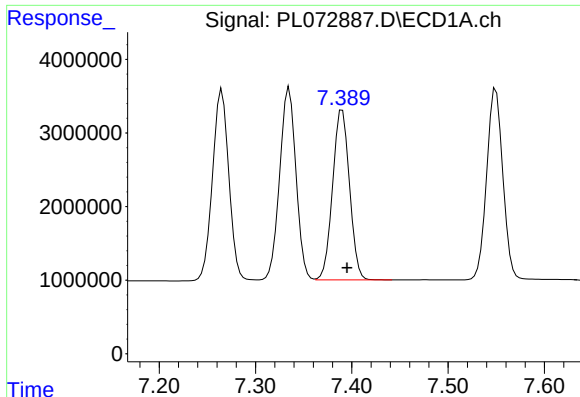
#8 Heptachlor epoxide

R.T.: 6.988 min
Delta R.T.: -0.005 min
Response: 29973674
Conc: 47.54 ng/ml



#8 Heptachlor epoxide

R.T.: 7.950 min
Delta R.T.: -0.004 min
Response: 91516624
Conc: 47.44 ng/ml



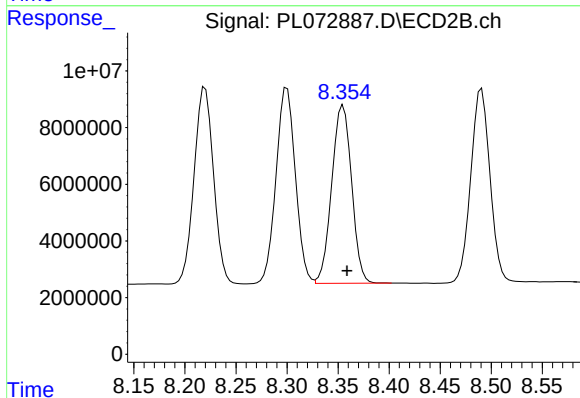
#9 Endosulfan I

R.T.: 7.390 min
Delta R.T.: -0.005 min
Response: 28278253
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142831BS

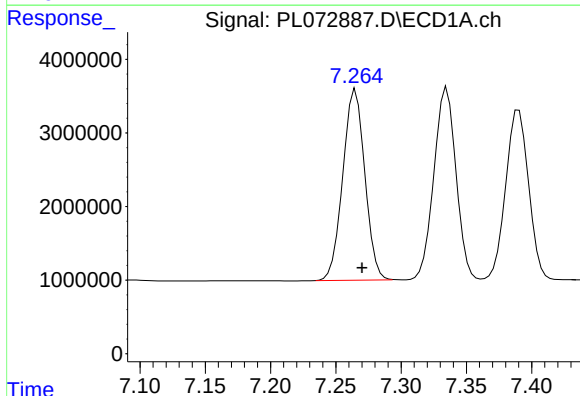
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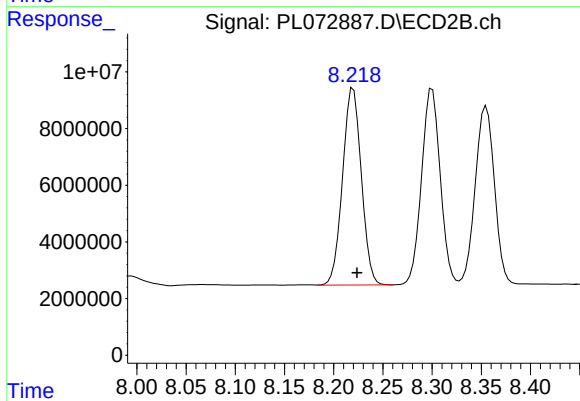
#9 Endosulfan I

R.T.: 8.355 min
Delta R.T.: -0.004 min
Response: 85280269
Conc: 48.75 ng/ml



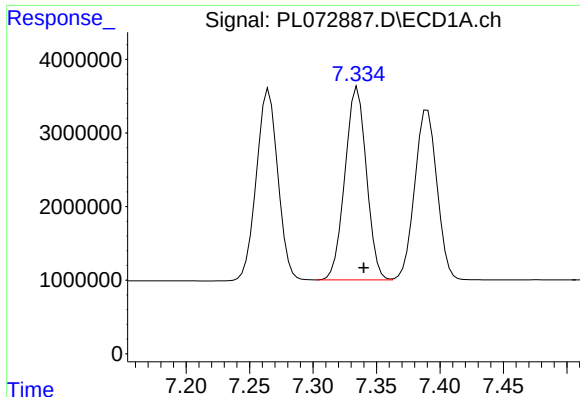
#10 gamma-Chlordane

R.T.: 7.264 min
Delta R.T.: -0.006 min
Response: 30463663
Conc: 48.09 ng/ml m



#10 gamma-Chlordane

R.T.: 8.220 min
Delta R.T.: -0.004 min
Response: 92126808
Conc: 47.63 ng/ml



#11 alpha-Chlordane

R.T.: 7.335 min
Delta R.T.: -0.005 min
Response: 30825613
Conc: 48.41 ng/ml

Instrument :

ECD_L

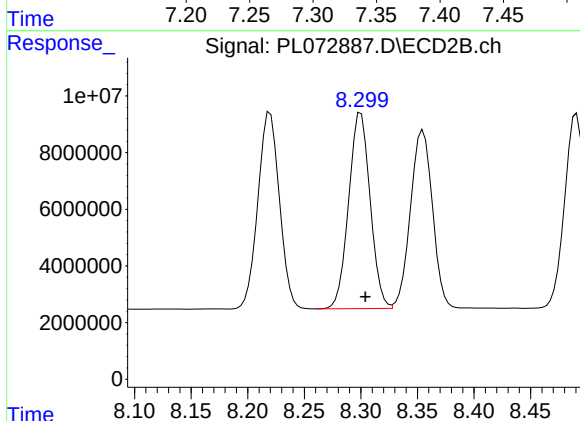
ClientSampleId :

PB142831BS

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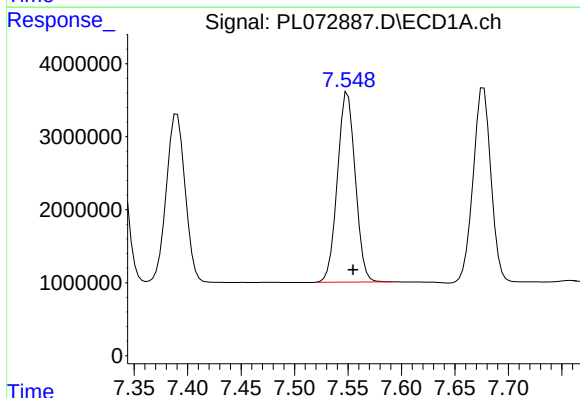
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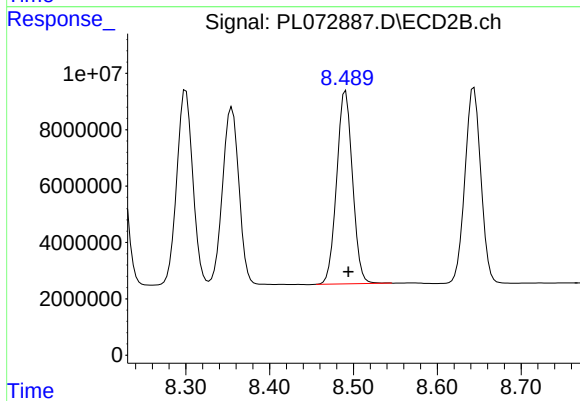
#11 alpha-Chlordane

R.T.: 8.300 min
Delta R.T.: -0.004 min
Response: 91434576
Conc: 48.12 ng/ml



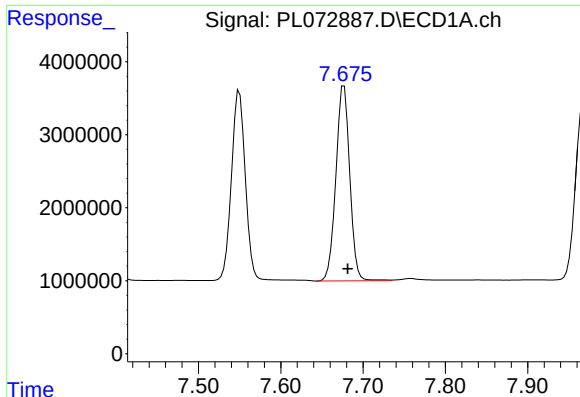
#12 4,4'-DDE

R.T.: 7.550 min
Delta R.T.: -0.005 min
Response: 30229778
Conc: 49.74 ng/ml



#12 4,4'-DDE

R.T.: 8.491 min
Delta R.T.: -0.003 min
Response: 89822032
Conc: 48.06 ng/ml



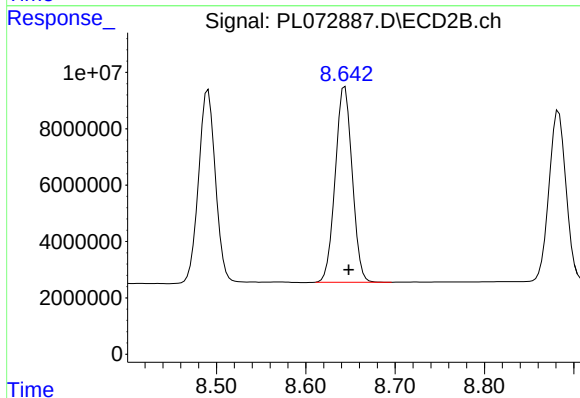
#13 Dieldrin

R.T.: 7.677 min
Delta R.T.: -0.004 min
Response: 31327974
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142831BS

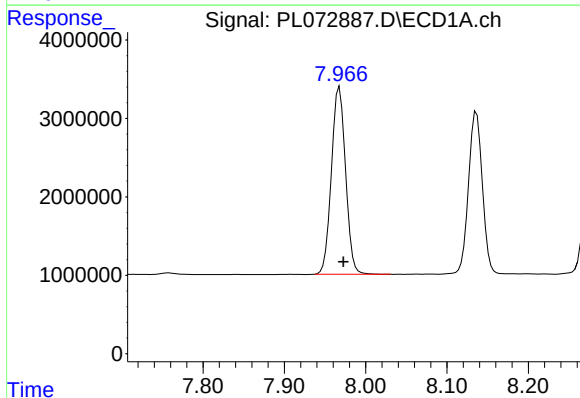
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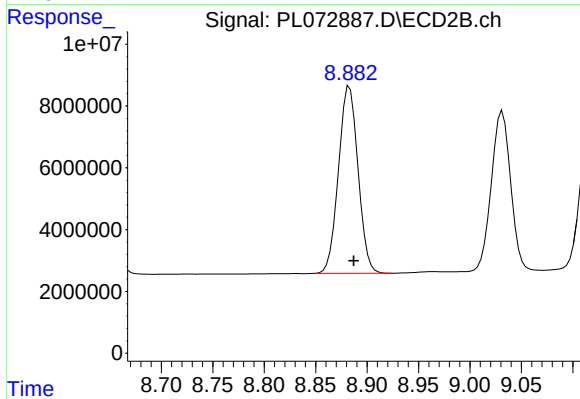
#13 Dieldrin

R.T.: 8.644 min
Delta R.T.: -0.004 min
Response: 91537480
Conc: 49.12 ng/ml



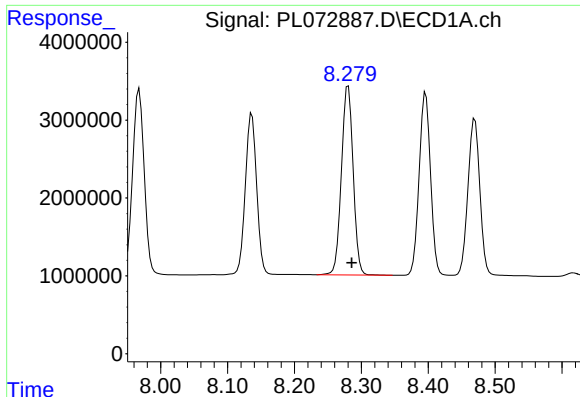
#14 Endrin

R.T.: 7.968 min
Delta R.T.: -0.005 min
Response: 28981804
Conc: 49.47 ng/ml



#14 Endrin

R.T.: 8.883 min
Delta R.T.: -0.004 min
Response: 80113387
Conc: 50.84 ng/ml



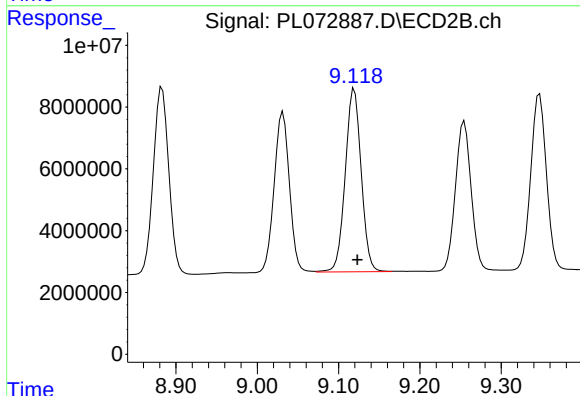
#15 Endosulfan II

R.T.: 8.280 min
Delta R.T.: -0.005 min
Response: 29679910
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142831BS

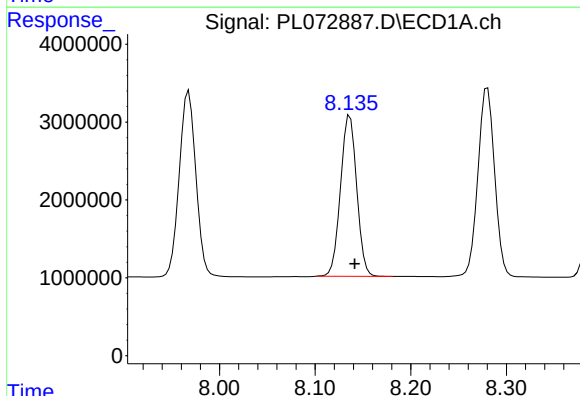
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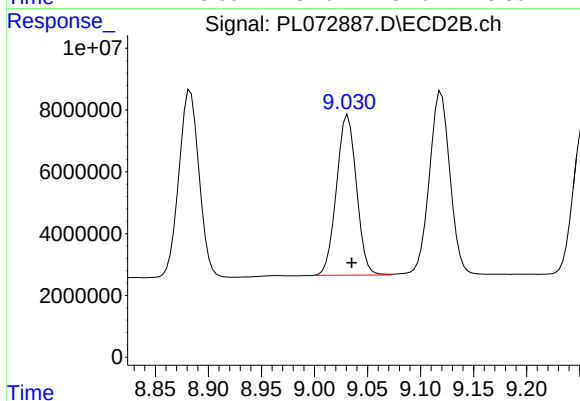
#15 Endosulfan II

R.T.: 9.119 min
Delta R.T.: -0.004 min
Response: 80524347
Conc: 47.89 ng/ml



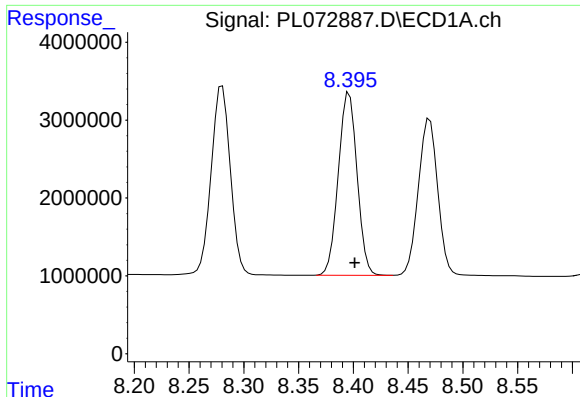
#16 4,4'-DDD

R.T.: 8.136 min
Delta R.T.: -0.005 min
Response: 24365546
Conc: 50.65 ng/ml



#16 4,4'-DDD

R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 67871671
Conc: 49.05 ng/ml



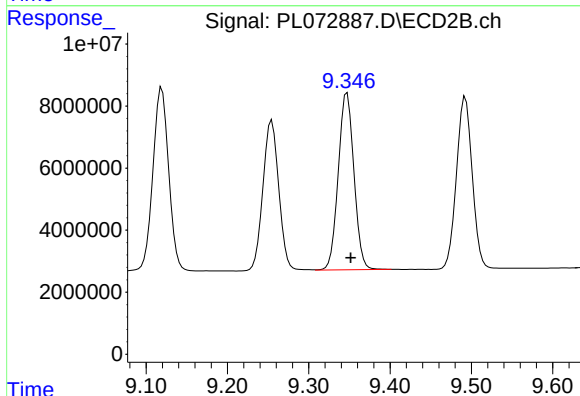
#17 4,4'-DDT

R.T.: 8.396 min
Delta R.T.: -0.005 min
Response: 27989047
Conc: 52.02 ng/ml

Instrument :
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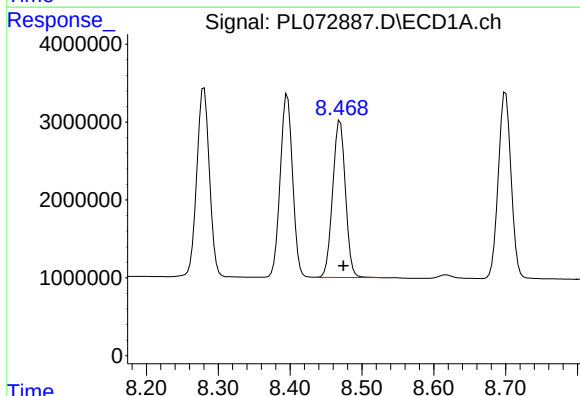
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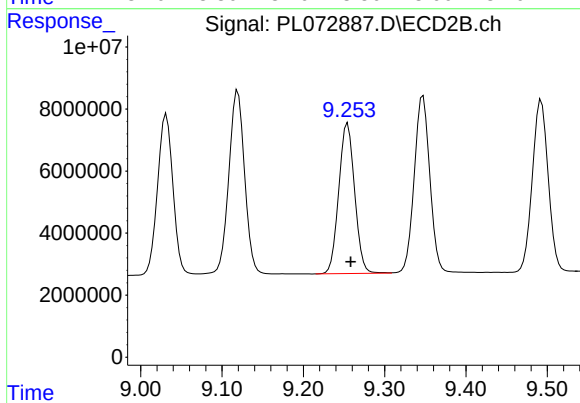
#17 4,4'-DDT

R.T.: 9.347 min
Delta R.T.: -0.004 min
Response: 76360503
Conc: 49.88 ng/ml



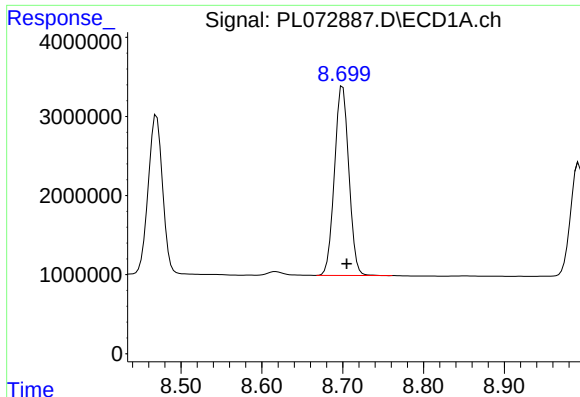
#18 Endrin aldehyde

R.T.: 8.470 min
Delta R.T.: -0.004 min
Response: 24883157
Conc: 57.09 ng/ml



#18 Endrin aldehyde

R.T.: 9.255 min
Delta R.T.: -0.004 min
Response: 65541377
Conc: 58.23 ng/ml



#19 Endosulfan Sulfate

R.T.: 8.700 min
Delta R.T.: -0.005 min
Response: 29557364
Conc: 49.67 ng/ml

Instrument :

ECD_L

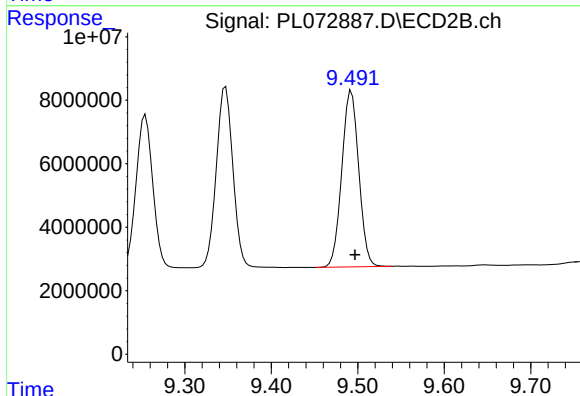
ClientSampleId :

PB142831BS

Manual Integrations

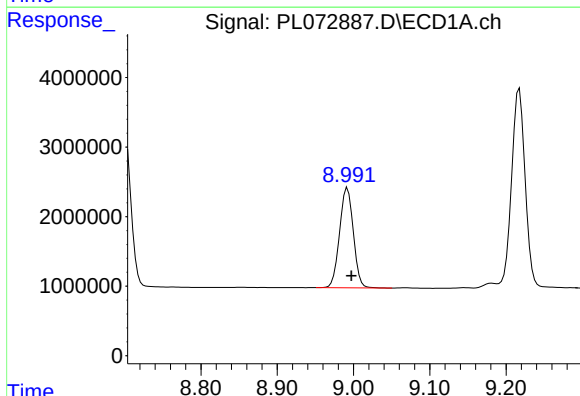
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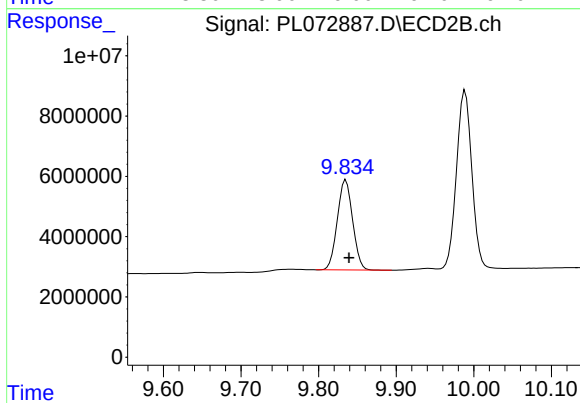
#19 Endosulfan Sulfate

R.T.: 9.493 min
Delta R.T.: -0.004 min
Response: 75133144
Conc: 50.22 ng/ml



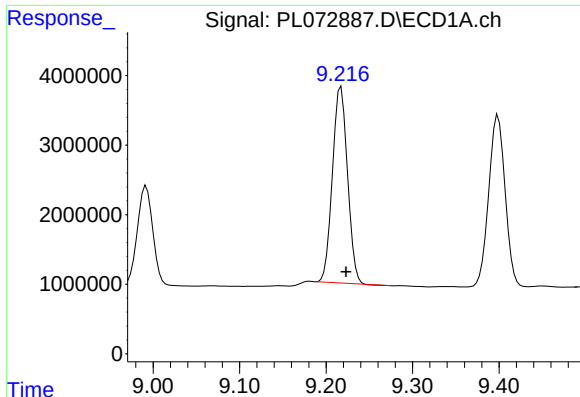
#20 Methoxychlor

R.T.: 8.992 min
Delta R.T.: -0.005 min
Response: 17988528
Conc: 51.16 ng/ml



#20 Methoxychlor

R.T.: 9.835 min
Delta R.T.: -0.004 min
Response: 40898250
Conc: 50.51 ng/ml



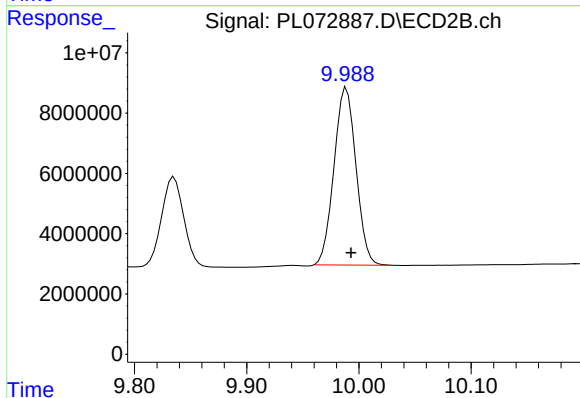
#21 Endrin ketone

R.T.: 9.217 min
Delta R.T.: -0.006 min
Response: 34016340
Conc: 49.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142831BS

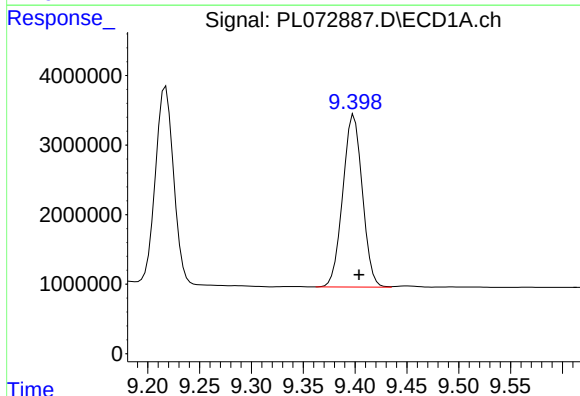
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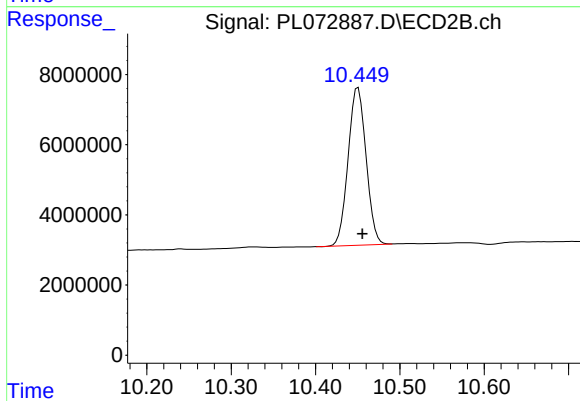
#21 Endrin ketone

R.T.: 9.989 min
Delta R.T.: -0.004 min
Response: 80198179
Conc: 50.33 ng/ml



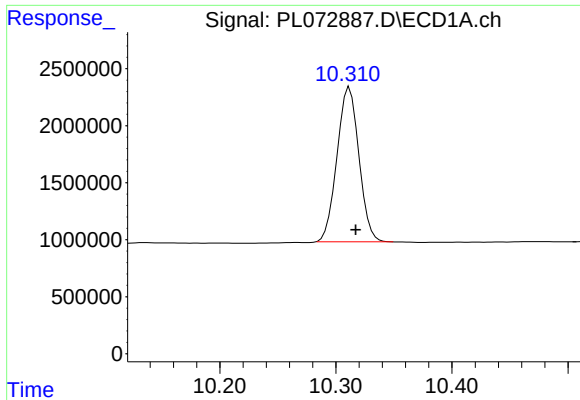
#22 Mirex

R.T.: 9.399 min
Delta R.T.: -0.005 min
Response: 32544330
Conc: 54.86 ng/ml



#22 Mirex

R.T.: 10.450 min
Delta R.T.: -0.005 min
Response: 66420591
Conc: 56.58 ng/ml



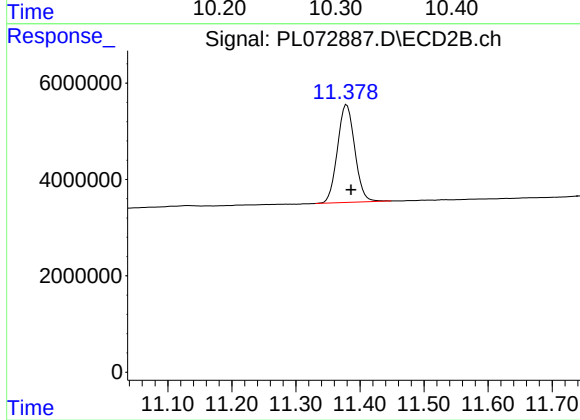
#28 Decachlorobiphenyl

R.T.: 10.312 min
Delta R.T.: -0.005 min
Response: 17819177
Conc: 23.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142831BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/23/2022
Supervised By :Ankita Jodhani 02/23/2022



#28 Decachlorobiphenyl

R.T.: 11.379 min
Delta R.T.: -0.007 min
Response: 38160913
Conc: 24.06 ng/ml