

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022222\
 Data File : PL072886.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2022 15:02
 Operator : AR\AJ
 Sample : PB142834BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB142834BS

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 05:33:21 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	5.489	9279522	33310341	19.272	19.284
28)	SA Decachlor...	10.313	11.379	17704231	38022713	23.386	23.977
Target Compounds							
2)	A alpha-BHC	5.261	6.071	27861617	106.4E6	42.256	44.437
3)	MA gamma-BHC...	5.684	6.467	27393958	100.4E6	43.587	43.608
4)	MA Heptachlor	6.089	7.112	32508788	104.2E6	44.537	45.781
5)	MB Aldrin	6.413	7.482	29961862	98802251	46.405	46.217
6)	B beta-BHC	6.068	6.727	11996710	44881341	48.415m	44.026
7)	B delta-BHC	6.327	6.993	28411711	99764866	42.910	43.546
8)	B Heptachlo...	6.990	7.950	29677567	90705380	47.074	47.015
9)	A Endosulfan I	7.392	8.355	28156121	83564690	48.126	47.765
10)	B gamma-Chl...	7.267	8.220	30117042	91296744	47.543	47.200
11)	B alpha-Chl...	7.337	8.300	30593763	90516558	48.045	47.641
12)	B 4,4'-DDE	7.551	8.490	29954484	88652592	49.291	47.431
13)	MA Dieldrin	7.678	8.644	30848571	90568783	48.850	48.597
14)	MA Endrin	7.969	8.883	28839138	79585777	49.230	50.510
15)	B Endosulfa...	8.281	9.119	29374392	80220070	48.281	47.712
16)	A 4,4'-DDD	8.138	9.031	24298910	67337784	50.508	48.662
17)	MA 4,4'-DDT	8.398	9.347	27978410	76290331	51.997	49.835
18)	B Endrin al...	8.471	9.254	24863672	65031161	57.042	57.781
19)	B Endosulfa...	8.702	9.492	29493769	74951160	49.561	50.102
20)	A Methoxychlor	8.993	9.835	17862153	40789240	50.799	50.379
21)	B Endrin ke...	9.219	9.988	33463336	79336863	48.690	49.794
22)	Mirex	9.400	10.450	32304183	66192729	54.453	56.387

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

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 Acq On : 22 Feb 2022 15:02
 Operator : AR\AJ
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 Misc :
 ALS Vial : 13 Sample Multiplier: 1

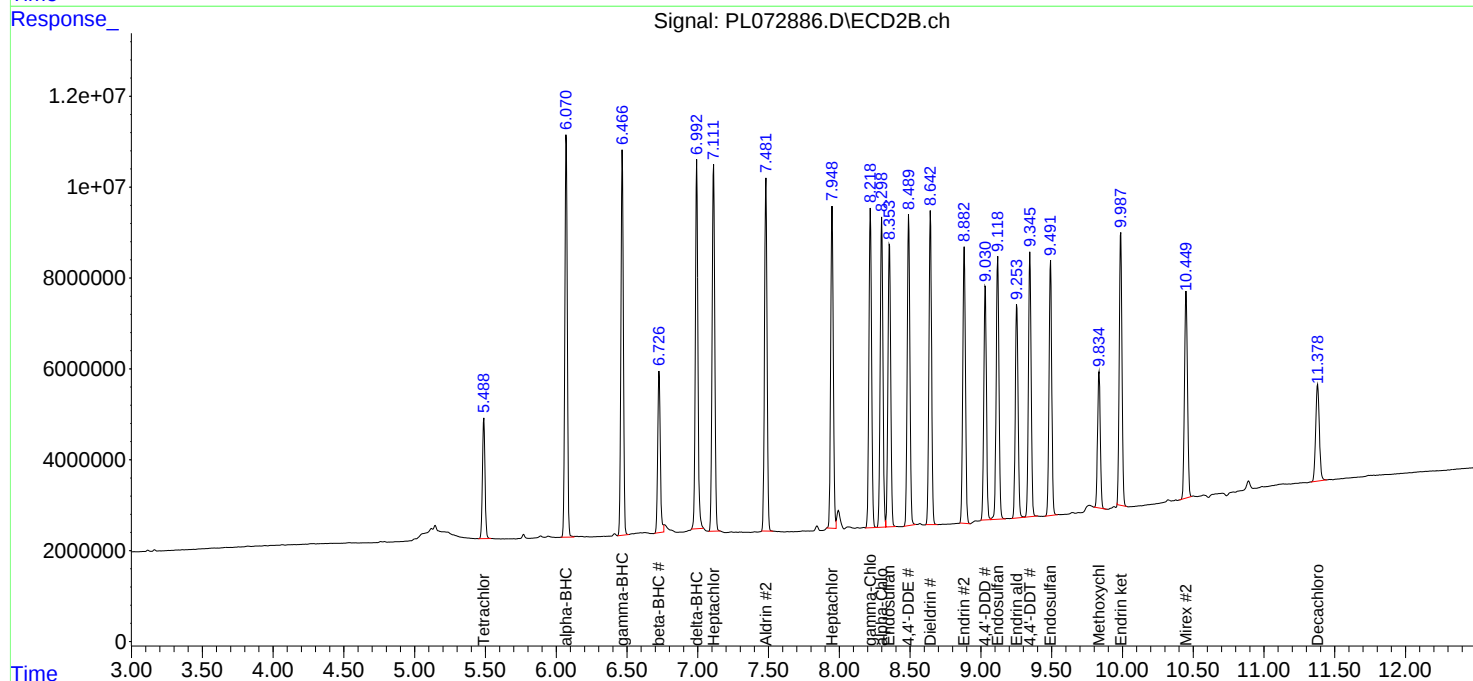
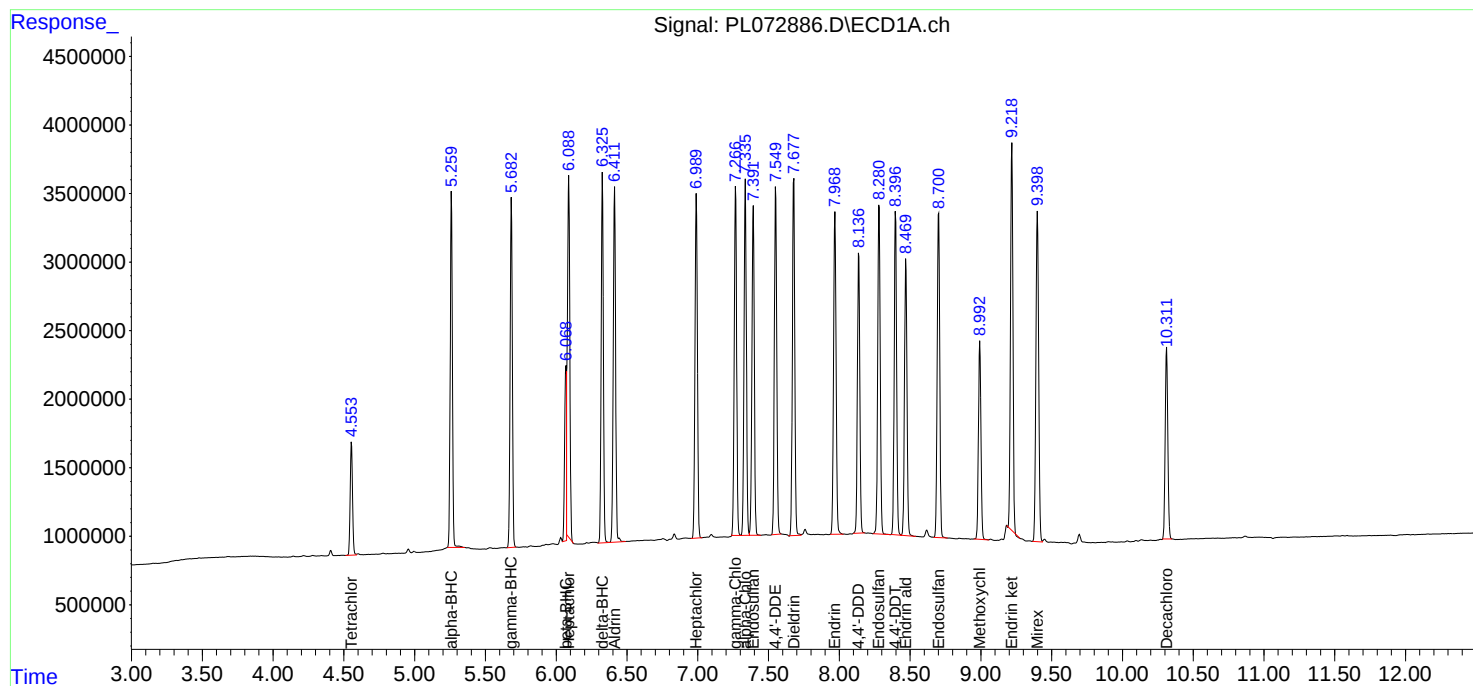
Instrument :
 ECD_L
 ClientSampleId :
 PB142834BS

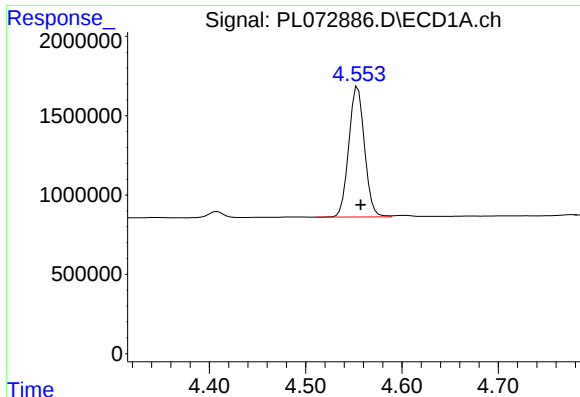
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 02/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 05:33:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





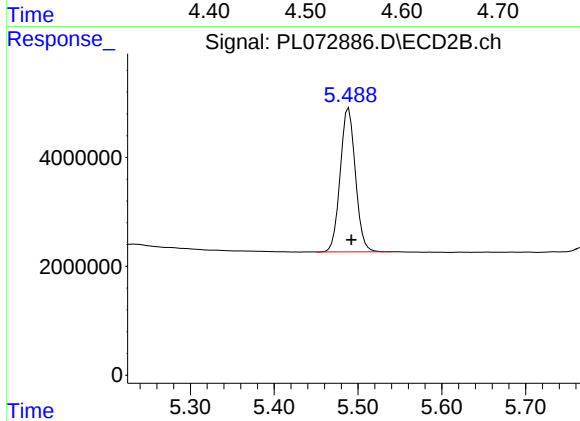
#1 Tetrachloro-m-xylene

R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 9279522
Conc: 19.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142834BS

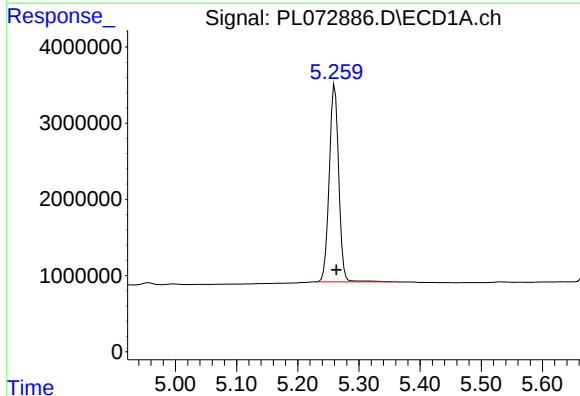
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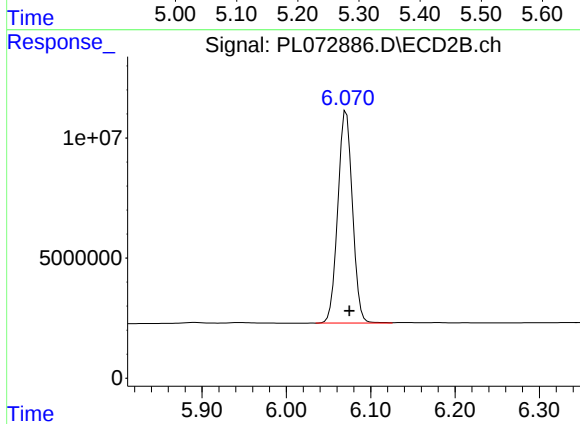
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 33310341
Conc: 19.28 ng/ml



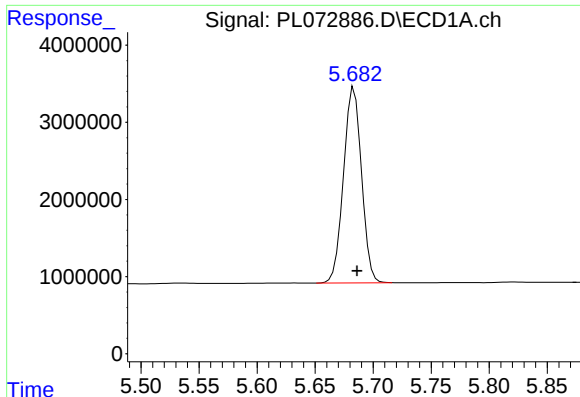
#2 alpha-BHC

R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 27861617
Conc: 42.26 ng/ml



#2 alpha-BHC

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 106415727
Conc: 44.44 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.684 min
Delta R.T.: -0.003 min
Response: 27393958
Conc: 43.59 ng/ml

Instrument :

ECD_L

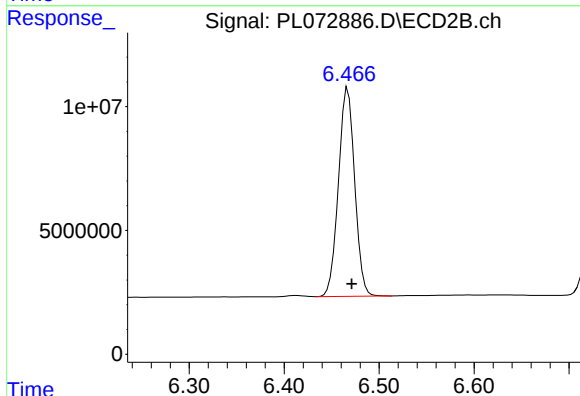
ClientSampleId :

PB142834BS

Manual Integrations

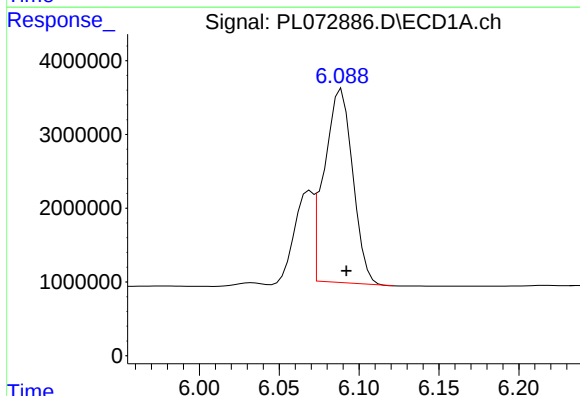
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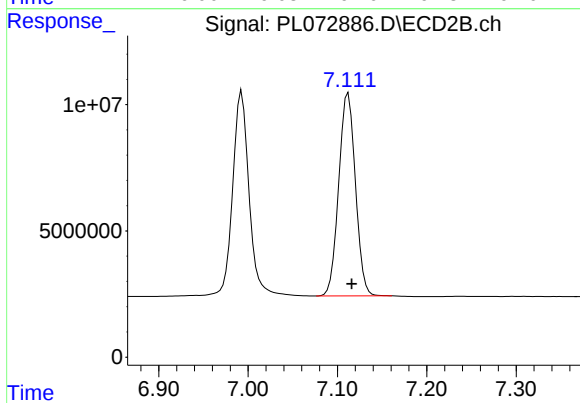
#3 gamma-BHC (Lindane)

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 100406047
Conc: 43.61 ng/ml



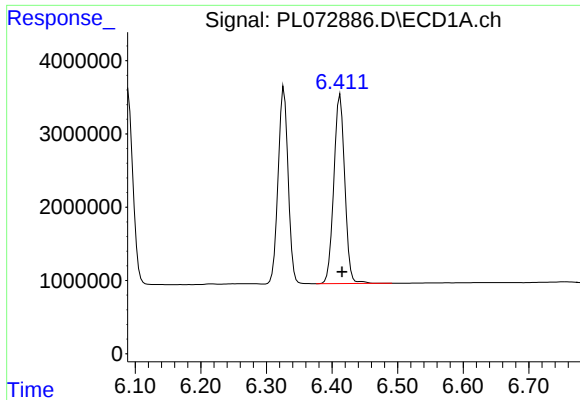
#4 Heptachlor

R.T.: 6.089 min
Delta R.T.: -0.003 min
Response: 32508788
Conc: 44.54 ng/ml



#4 Heptachlor

R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 104235453
Conc: 45.78 ng/ml



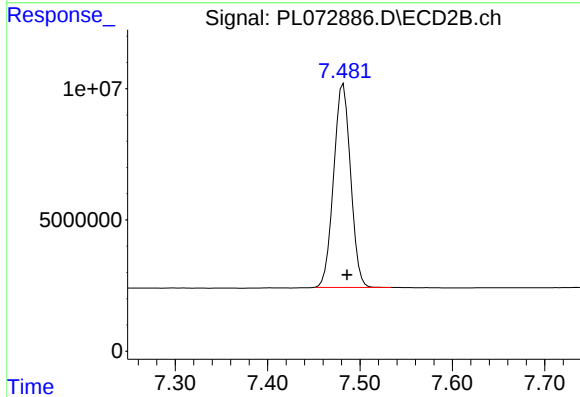
#5 Aldrin

R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 29961862
Conc: 46.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142834BS

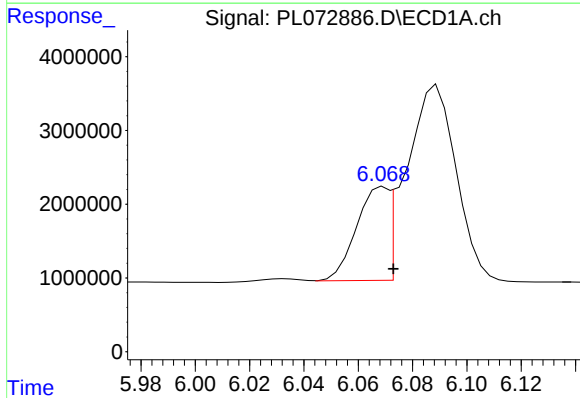
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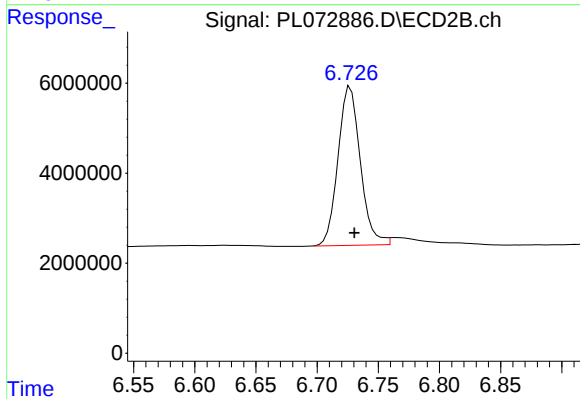
#5 Aldrin

R.T.: 7.482 min
Delta R.T.: -0.004 min
Response: 98802251
Conc: 46.22 ng/ml



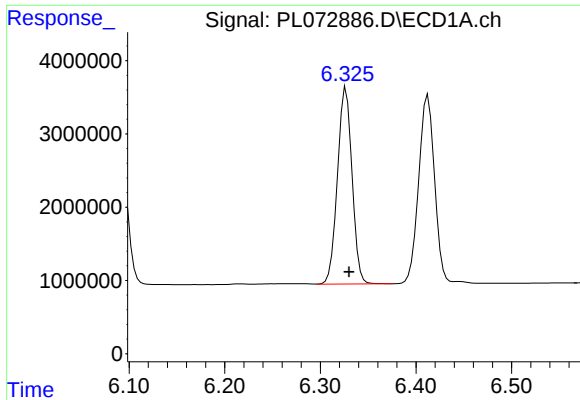
#6 beta-BHC

R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 11996710
Conc: 48.41 ng/ml m



#6 beta-BHC

R.T.: 6.727 min
Delta R.T.: -0.003 min
Response: 44881341
Conc: 44.03 ng/ml



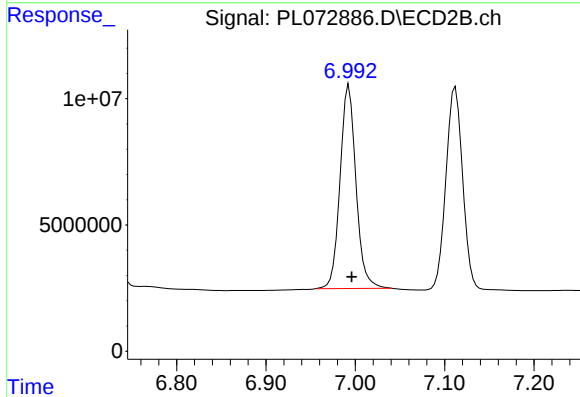
#7 delta-BHC

R.T.: 6.327 min
Delta R.T.: -0.003 min
Response: 28411711
Conc: 42.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142834BS

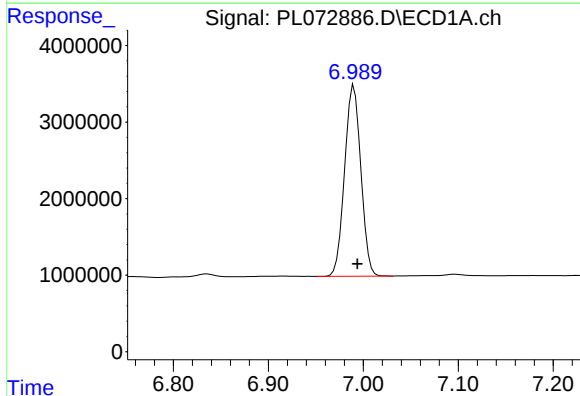
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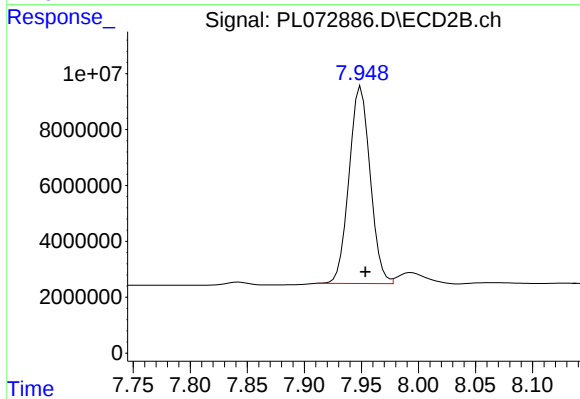
#7 delta-BHC

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 99764866
Conc: 43.55 ng/ml



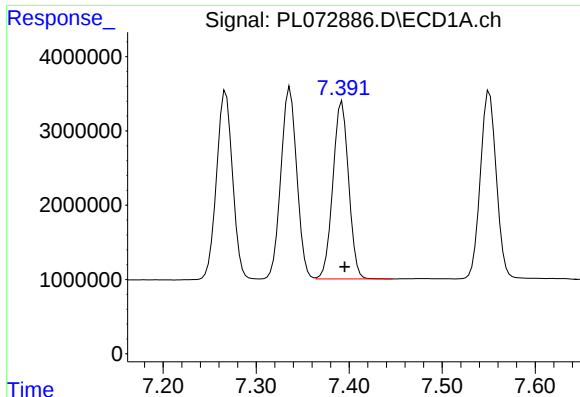
#8 Heptachlor epoxide

R.T.: 6.990 min
Delta R.T.: -0.003 min
Response: 29677567
Conc: 47.07 ng/ml



#8 Heptachlor epoxide

R.T.: 7.950 min
Delta R.T.: -0.004 min
Response: 90705380
Conc: 47.02 ng/ml



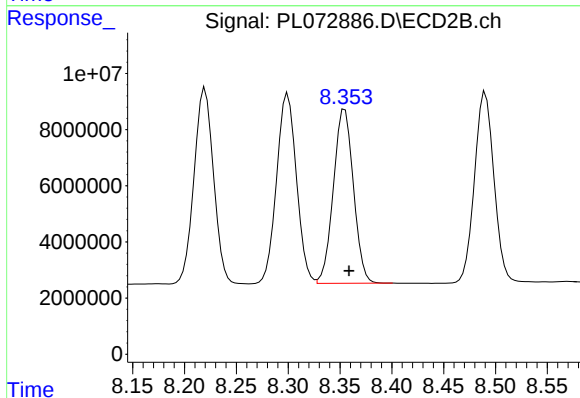
#9 Endosulfan I

R.T.: 7.392 min
Delta R.T.: -0.003 min
Response: 28156121
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142834BS

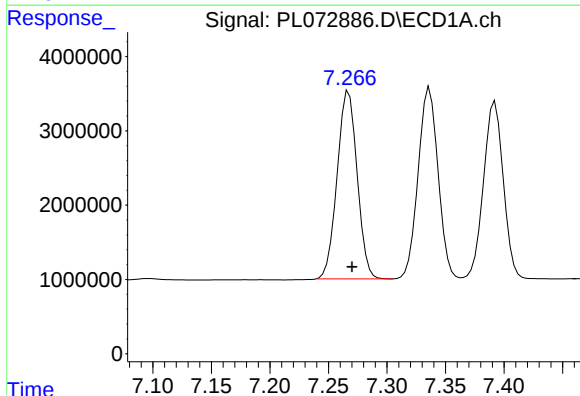
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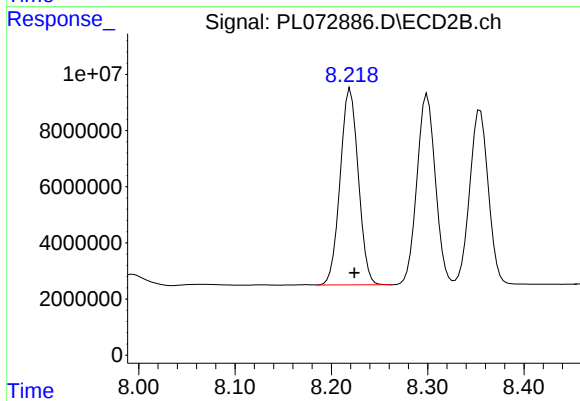
#9 Endosulfan I

R.T.: 8.355 min
Delta R.T.: -0.004 min
Response: 83564690
Conc: 47.77 ng/ml



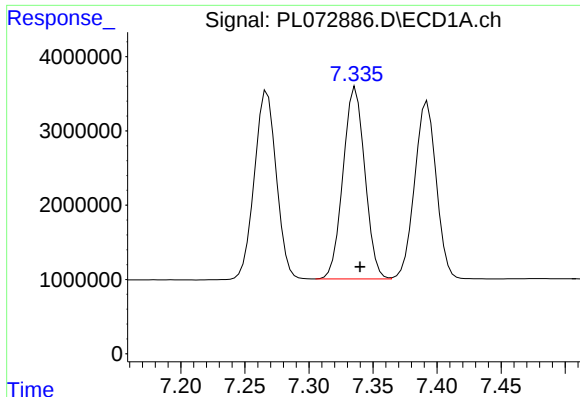
#10 gamma-Chlordane

R.T.: 7.267 min
Delta R.T.: -0.003 min
Response: 30117042
Conc: 47.54 ng/ml



#10 gamma-Chlordane

R.T.: 8.220 min
Delta R.T.: -0.004 min
Response: 91296744
Conc: 47.20 ng/ml



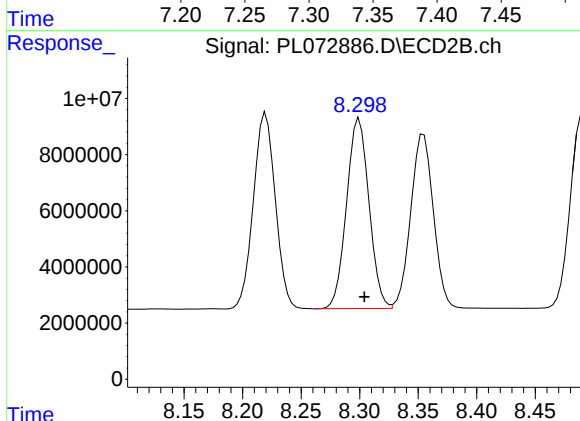
#11 alpha-Chlordane

R.T.: 7.337 min
Delta R.T.: -0.003 min
Response: 30593763
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142834BS

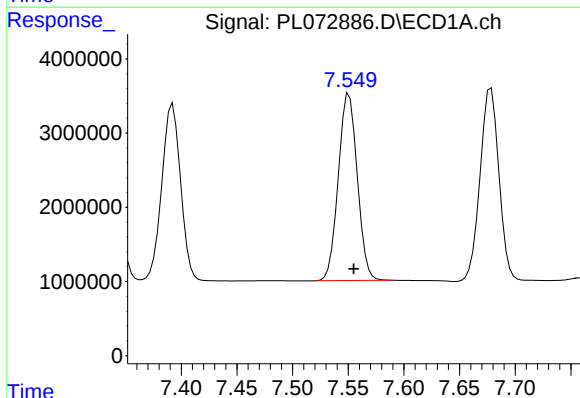
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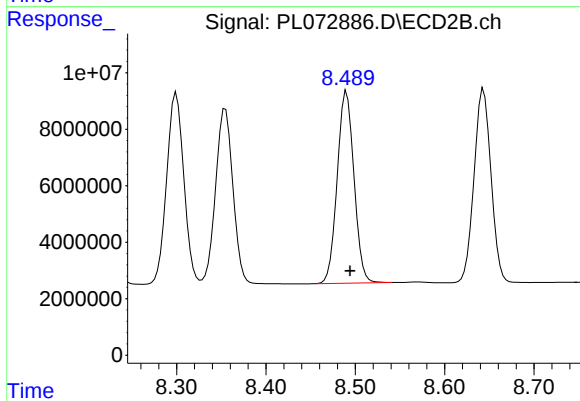
#11 alpha-Chlordane

R.T.: 8.300 min
Delta R.T.: -0.004 min
Response: 90516558
Conc: 47.64 ng/ml



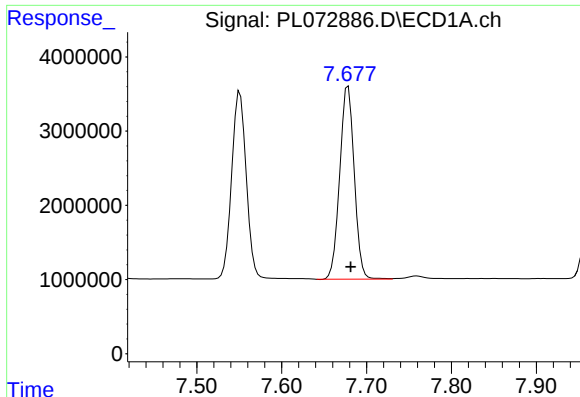
#12 4,4'-DDE

R.T.: 7.551 min
Delta R.T.: -0.004 min
Response: 29954484
Conc: 49.29 ng/ml



#12 4,4'-DDE

R.T.: 8.490 min
Delta R.T.: -0.004 min
Response: 88652592
Conc: 47.43 ng/ml



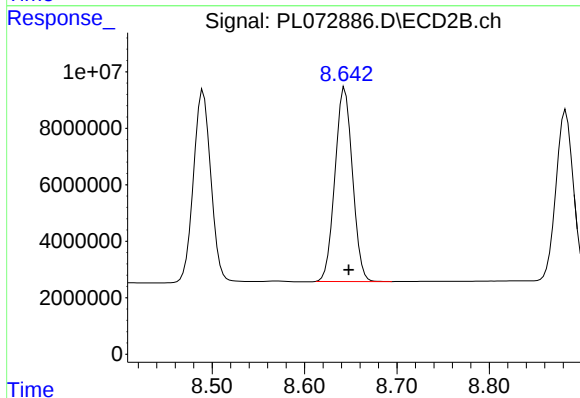
#13 Dieldrin

R.T.: 7.678 min
Delta R.T.: -0.003 min
Response: 30848571
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
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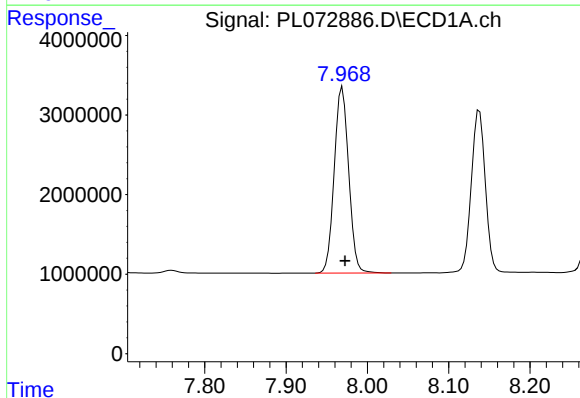
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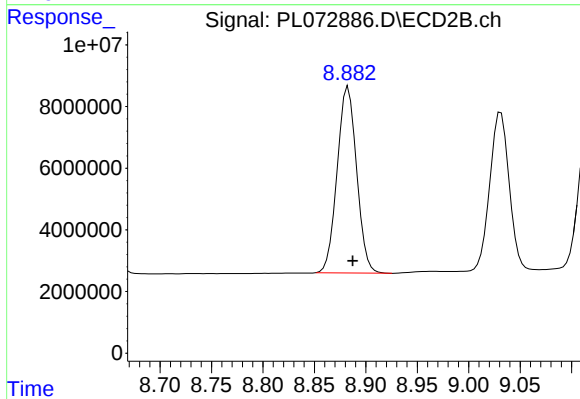
#13 Dieldrin

R.T.: 8.644 min
Delta R.T.: -0.004 min
Response: 90568783
Conc: 48.60 ng/ml



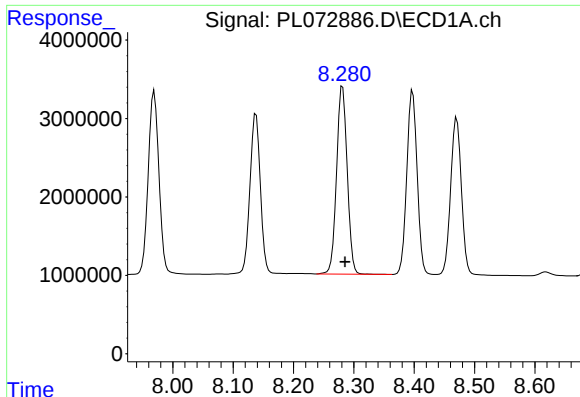
#14 Endrin

R.T.: 7.969 min
Delta R.T.: -0.003 min
Response: 28839138
Conc: 49.23 ng/ml



#14 Endrin

R.T.: 8.883 min
Delta R.T.: -0.004 min
Response: 79585777
Conc: 50.51 ng/ml



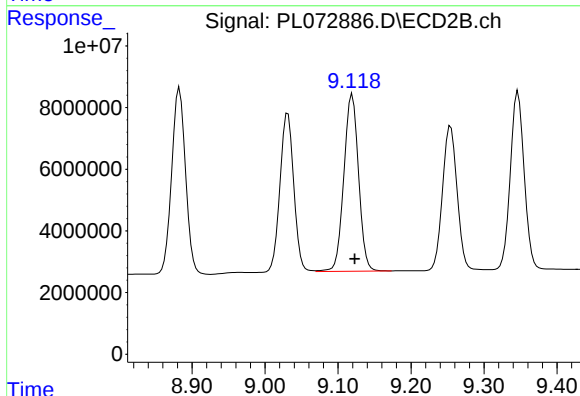
#15 Endosulfan II

R.T.: 8.281 min
Delta R.T.: -0.004 min
Response: 29374392
Conc: 48.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142834BS

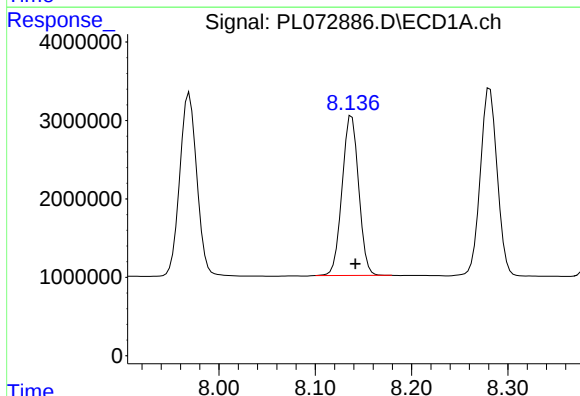
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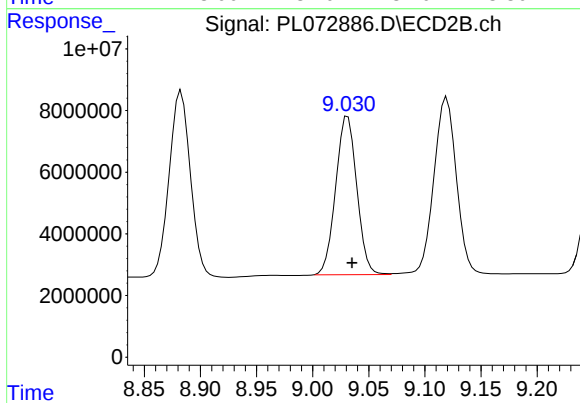
#15 Endosulfan II

R.T.: 9.119 min
Delta R.T.: -0.004 min
Response: 80220070
Conc: 47.71 ng/ml



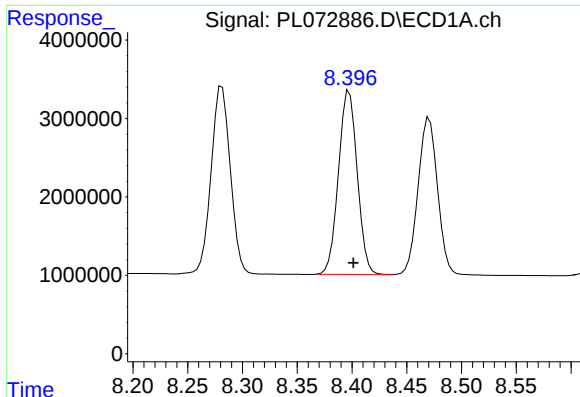
#16 4,4'-DDD

R.T.: 8.138 min
Delta R.T.: -0.004 min
Response: 24298910
Conc: 50.51 ng/ml



#16 4,4'-DDD

R.T.: 9.031 min
Delta R.T.: -0.004 min
Response: 67337784
Conc: 48.66 ng/ml



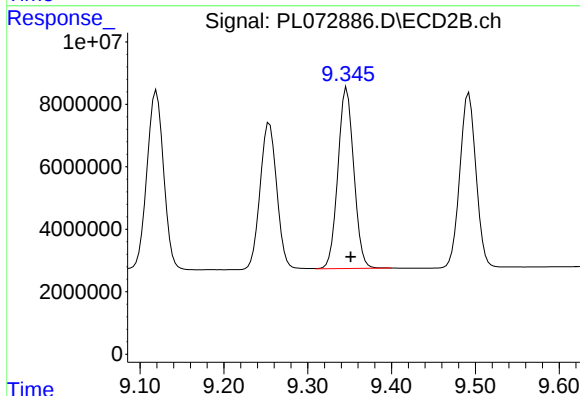
#17 4,4'-DDT

R.T.: 8.398 min
Delta R.T.: -0.004 min
Response: 27978410
Conc: 52.00 ng/ml

Instrument :
ECD_L
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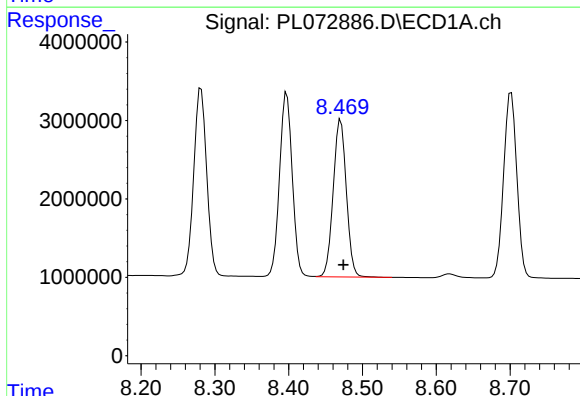
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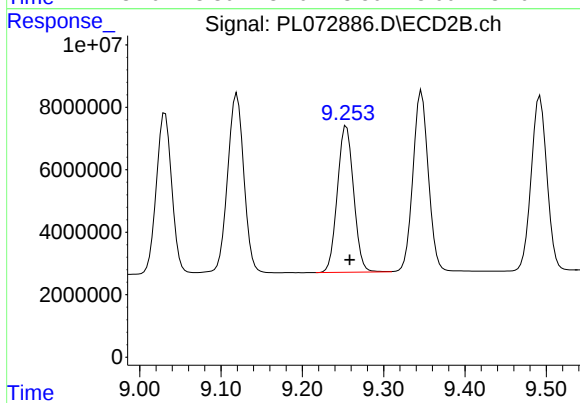
#17 4,4'-DDT

R.T.: 9.347 min
Delta R.T.: -0.005 min
Response: 76290331
Conc: 49.84 ng/ml



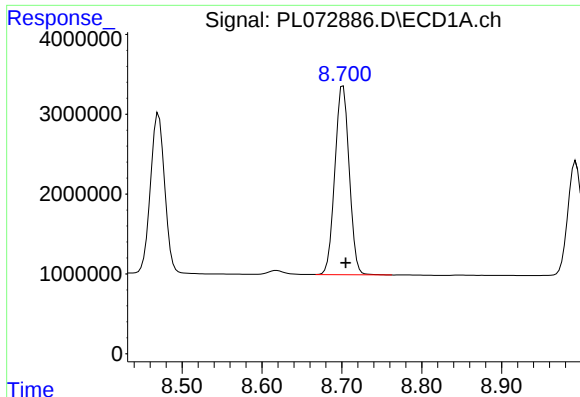
#18 Endrin aldehyde

R.T.: 8.471 min
Delta R.T.: -0.004 min
Response: 24863672
Conc: 57.04 ng/ml



#18 Endrin aldehyde

R.T.: 9.254 min
Delta R.T.: -0.004 min
Response: 65031161
Conc: 57.78 ng/ml



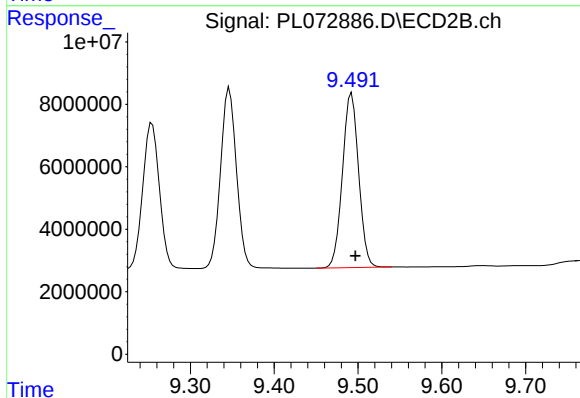
#19 Endosulfan Sulfate

R.T.: 8.702 min
Delta R.T.: -0.003 min
Response: 29493769
Conc: 49.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142834BS

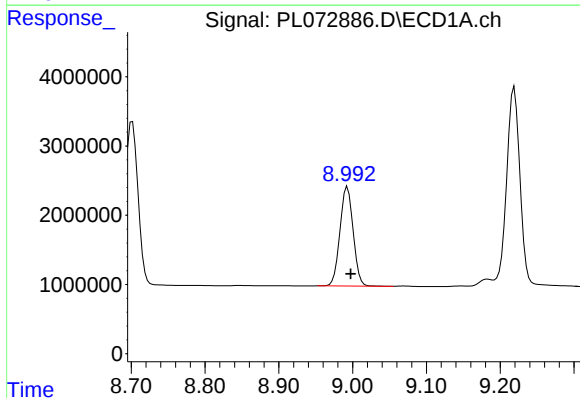
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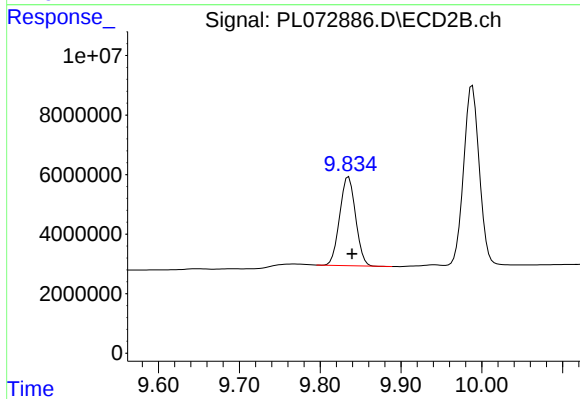
#19 Endosulfan Sulfate

R.T.: 9.492 min
Delta R.T.: -0.005 min
Response: 74951160
Conc: 50.10 ng/ml



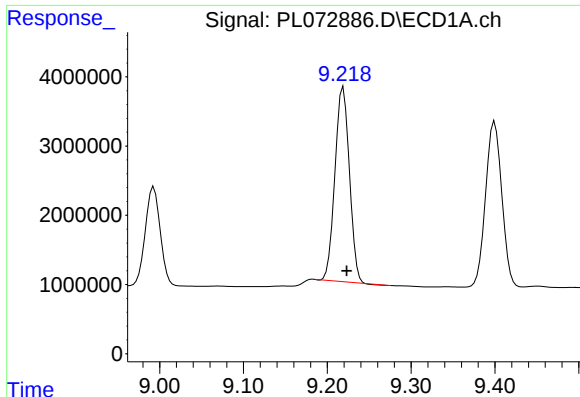
#20 Methoxychlor

R.T.: 8.993 min
Delta R.T.: -0.004 min
Response: 17862153
Conc: 50.80 ng/ml



#20 Methoxychlor

R.T.: 9.835 min
Delta R.T.: -0.004 min
Response: 40789240
Conc: 50.38 ng/ml



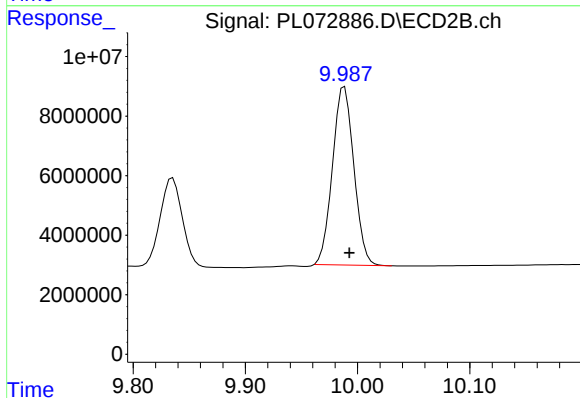
#21 Endrin ketone

R.T.: 9.219 min
Delta R.T.: -0.004 min
Response: 33463336
Conc: 48.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142834BS

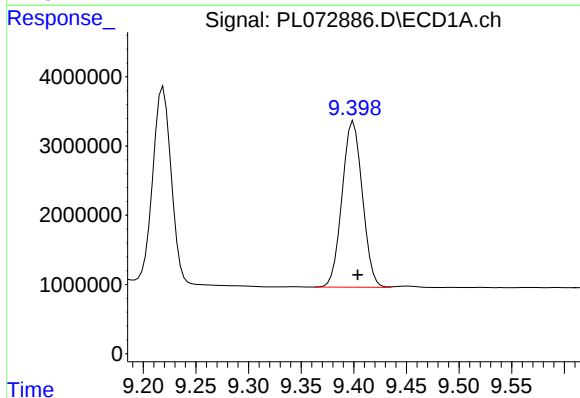
Manual Integrations
APPROVED

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



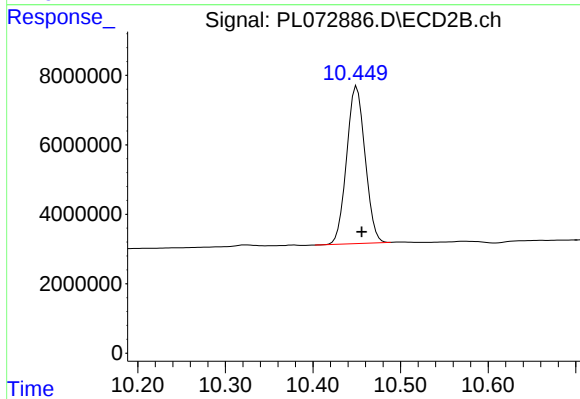
#21 Endrin ketone

R.T.: 9.988 min
Delta R.T.: -0.005 min
Response: 79336863
Conc: 49.79 ng/ml



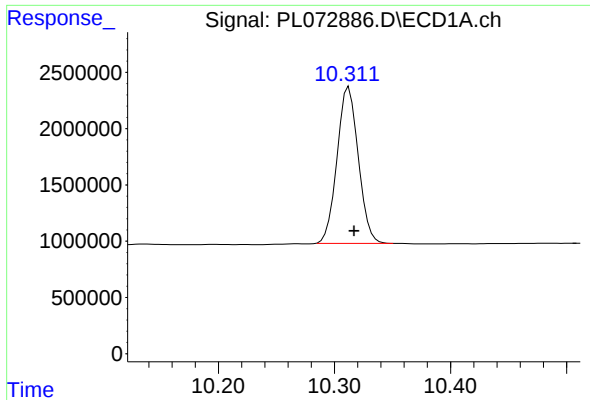
#22 Mirex

R.T.: 9.400 min
Delta R.T.: -0.004 min
Response: 32304183
Conc: 54.45 ng/ml



#22 Mirex

R.T.: 10.450 min
Delta R.T.: -0.006 min
Response: 66192729
Conc: 56.39 ng/ml



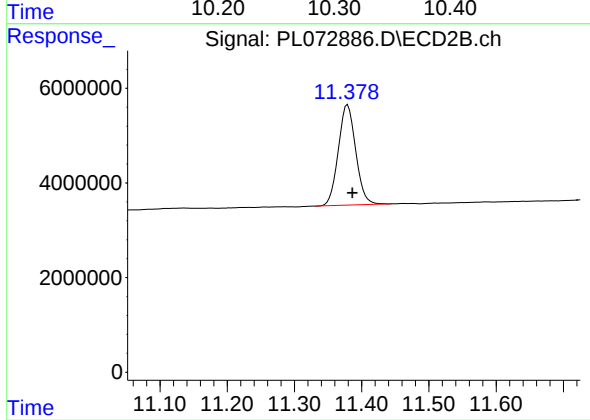
#28 Decachlorobiphenyl

R.T.: 10.313 min
Delta R.T.: -0.005 min
Response: 17704231
Conc: 23.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142834BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 11.379 min
Delta R.T.: -0.007 min
Response: 38022713
Conc: 23.98 ng/ml