

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021522\
 Data File : PL072703.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2022 14:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/16/2022
 Supervised By :Ankita Jodhani 02/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 01:50:28 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...	4.553	5.489	24765304	83737992	51.433	48.477
28)	SA Decachlor...	10.311	11.377	38631720	85004688	51.029	53.604
Target Compounds							
2)	A alpha-BHC	5.259	6.071	34098565	122.2E6	51.715	51.044
3)	MA gamma-BHC...	5.682	6.467	33116287	113.8E6	52.692	49.415
4)	MA Heptachlor	6.087	7.112	37597827	114.7E6	51.509	50.362
5)	MB Aldrin	6.411	7.481	33920076	107.7E6	52.536	50.374
6)	B beta-BHC	6.067	6.727	13566606	50625797	54.751m	49.661
7)	B delta-BHC	6.325	6.992	35290092	113.4E6	53.298	49.478
8)	B Heptachlo...	6.989	7.949	33372766	97301701	52.935	50.434
9)	A Endosulfan I	7.390	8.354	31125781	89644436	53.202	51.240
10)	B gamma-Chl...	7.264	8.219	33680559	98012439	53.169m	50.672
11)	B alpha-Chl...	7.335	8.299	33863977	96920113	53.180	51.011
12)	B 4,4'-DDE	7.550	8.490	33257838	95607560	54.727	51.152
13)	MA Dieldrin	7.676	8.643	34023599	96514399	53.877	51.788
14)	MA Endrin	7.968	8.882	30450424	82396902	51.980	52.294
15)	B Endosulfa...	8.280	9.118	32860260	85139593	54.011	50.638
16)	A 4,4'-DDD	8.136	9.030	26468292	70384768	55.017	50.864
17)	MA 4,4'-DDT	8.396	9.346	30357701	79517426	56.418	51.943
18)	B Endrin al...	8.469	9.253	23703332	59292225	54.380	52.682
19)	B Endosulfa...	8.700	9.491	32578214	78567088	54.744	52.519
20)	A Methoxychlor	8.992	9.834	19319396	43034614	54.943	53.152
21)	B Endrin ke...	9.217	9.985	37674542	84872540	54.817	53.268m
22)	Mirex	9.399	10.449	32028453	62370093	53.988	53.131

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021522\
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 Acq On : 15 Feb 2022 14:19
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Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

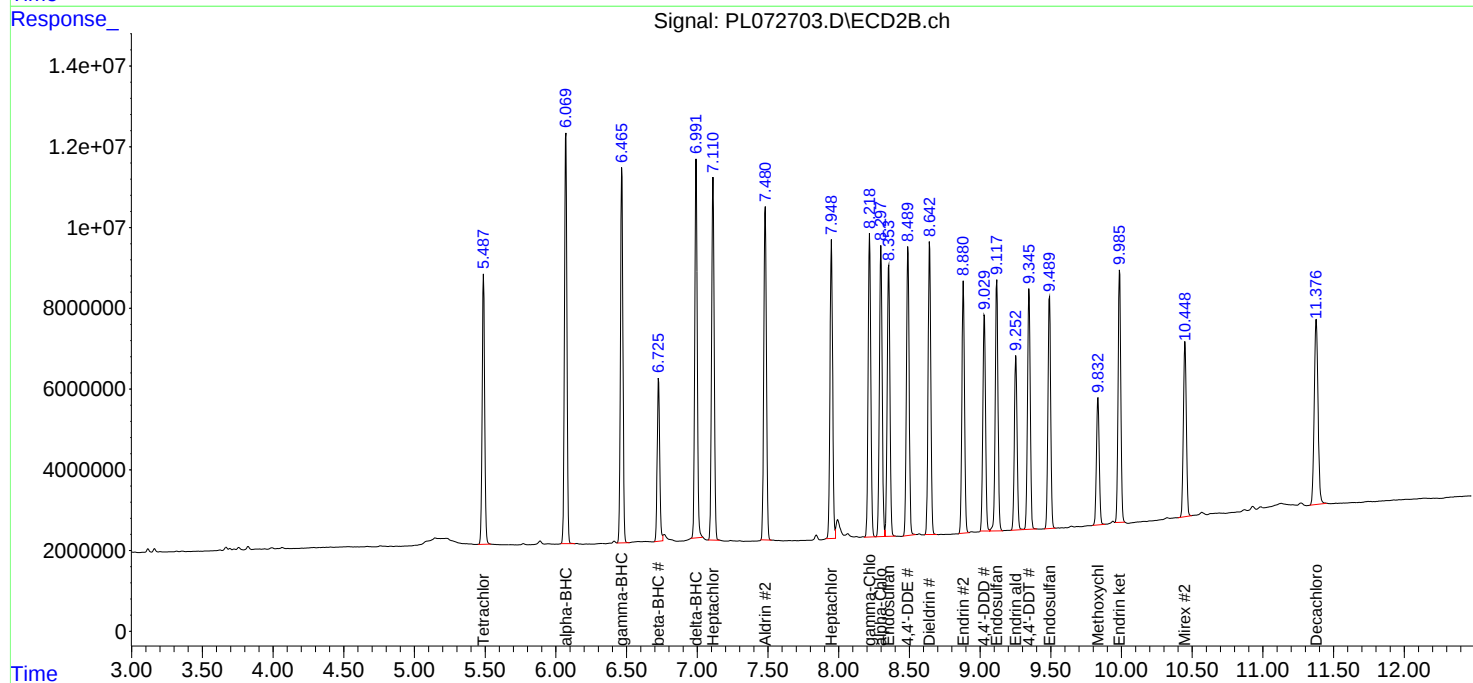
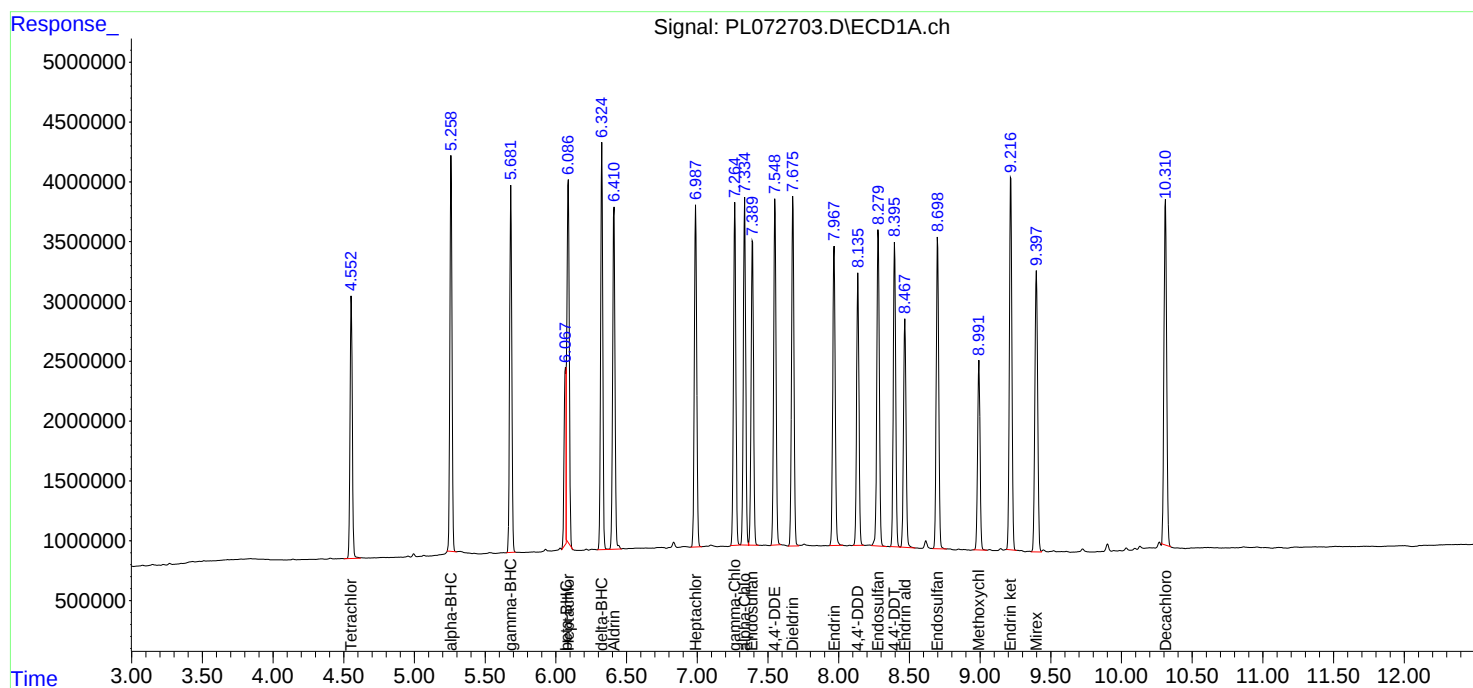
Manual Integrations

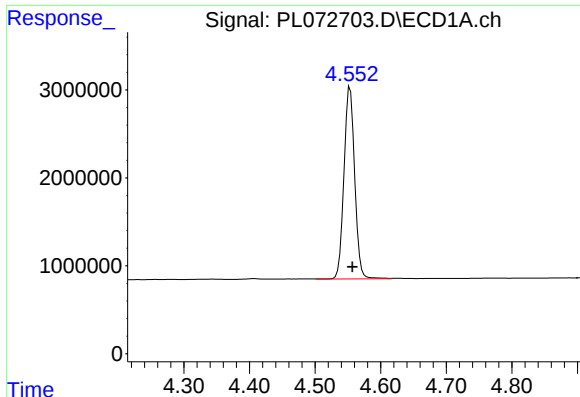
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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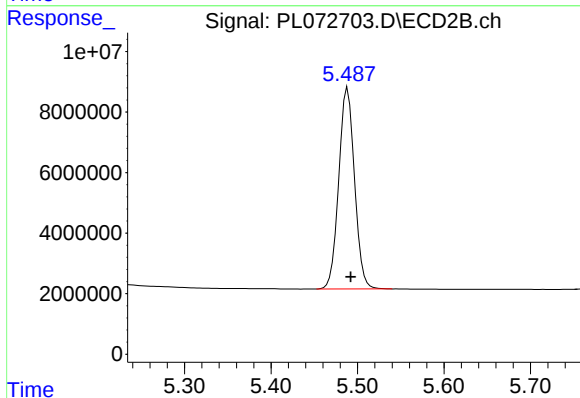
#1 Tetrachloro-m-xylene

R.T.: 4.553 min
Delta R.T.: -0.004 min
Response: 24765304
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

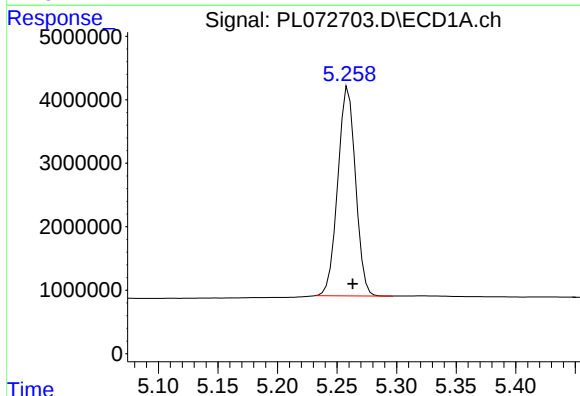
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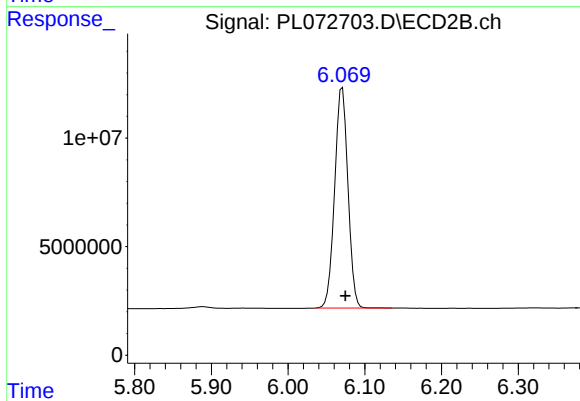
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 83737992
Conc: 48.48 ng/ml



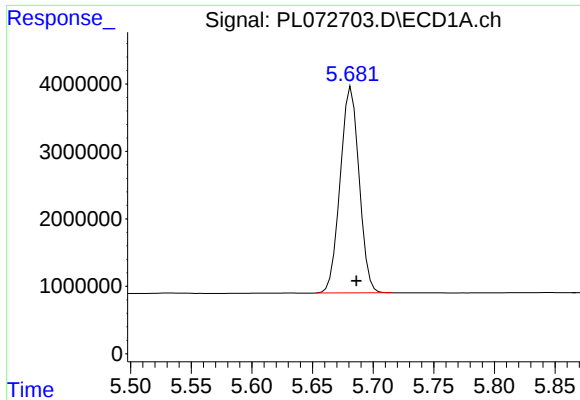
#2 alpha-BHC

R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 34098565
Conc: 51.72 ng/ml



#2 alpha-BHC

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 122236402
Conc: 51.04 ng/ml



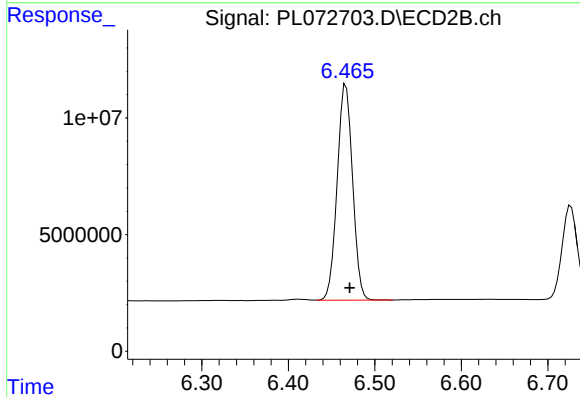
#3 gamma-BHC (Lindane)

R.T.: 5.682 min
Delta R.T.: -0.004 min
Response: 33116287
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

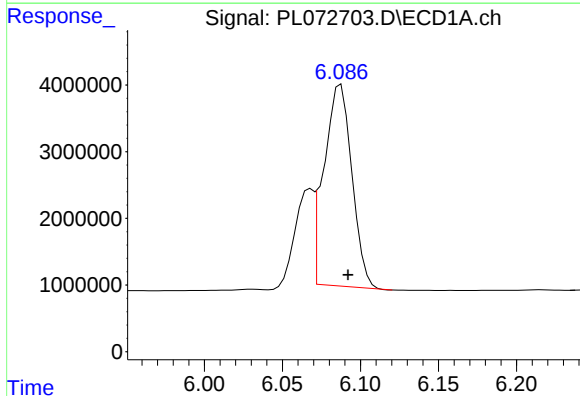
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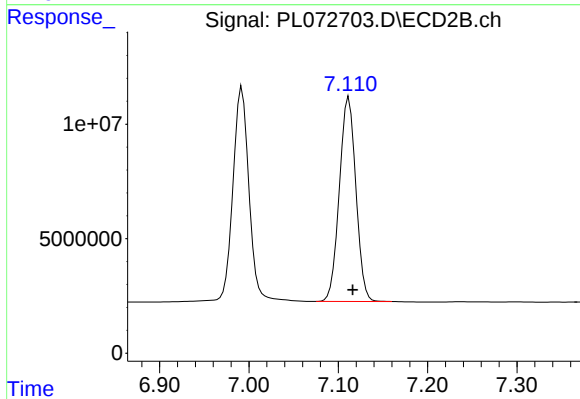
#3 gamma-BHC (Lindane)

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 113776085
Conc: 49.41 ng/ml



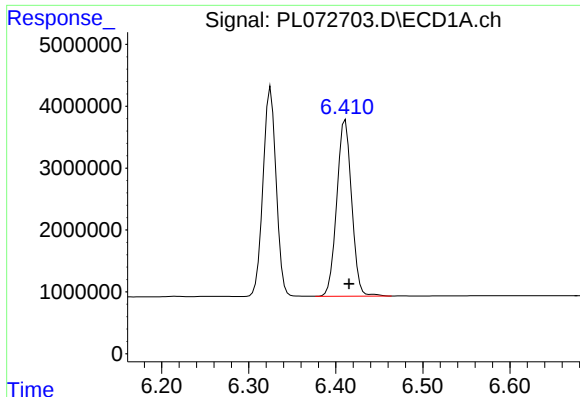
#4 Heptachlor

R.T.: 6.087 min
Delta R.T.: -0.005 min
Response: 37597827
Conc: 51.51 ng/ml



#4 Heptachlor

R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 114665487
Conc: 50.36 ng/ml



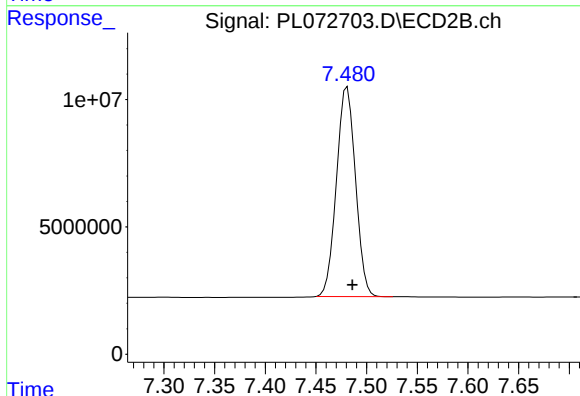
#5 Aldrin

R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 33920076
Conc: 52.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

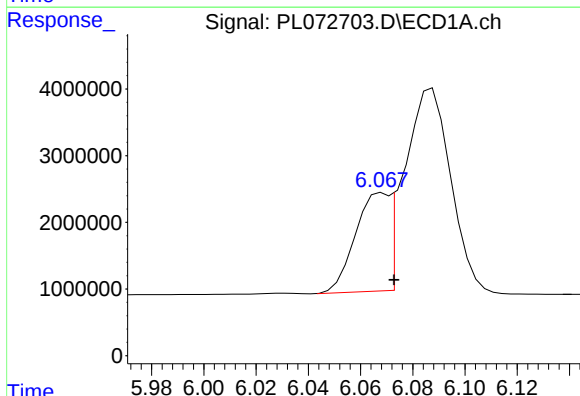
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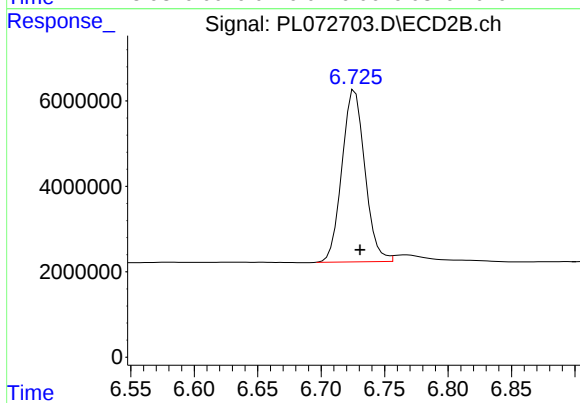
#5 Aldrin

R.T.: 7.481 min
Delta R.T.: -0.005 min
Response: 107689133
Conc: 50.37 ng/ml



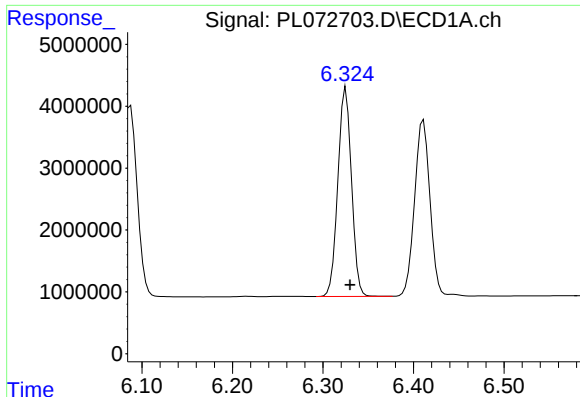
#6 beta-BHC

R.T.: 6.067 min
Delta R.T.: -0.006 min
Response: 13566606
Conc: 54.75 ng/ml m



#6 beta-BHC

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 50625797
Conc: 49.66 ng/ml



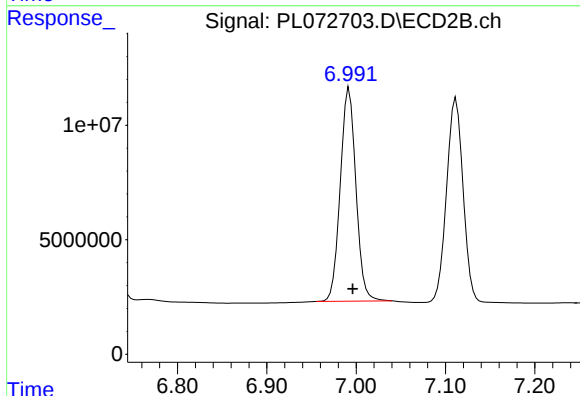
#7 delta-BHC

R.T.: 6.325 min
Delta R.T.: -0.005 min
Response: 35290092
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

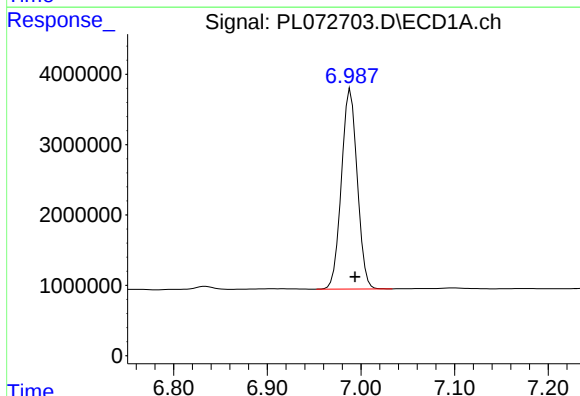
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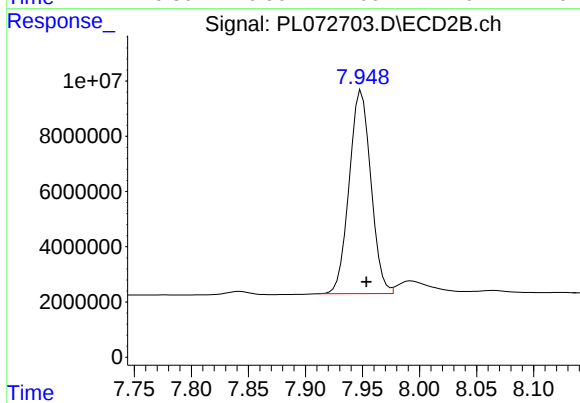
#7 delta-BHC

R.T.: 6.992 min
Delta R.T.: -0.004 min
Response: 113355373
Conc: 49.48 ng/ml



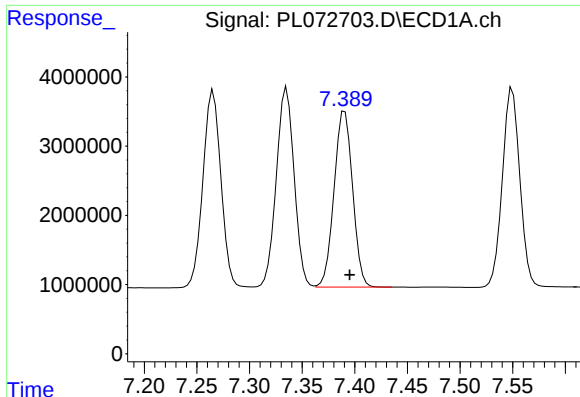
#8 Heptachlor epoxide

R.T.: 6.989 min
Delta R.T.: -0.005 min
Response: 33372766
Conc: 52.93 ng/ml



#8 Heptachlor epoxide

R.T.: 7.949 min
Delta R.T.: -0.004 min
Response: 97301701
Conc: 50.43 ng/ml



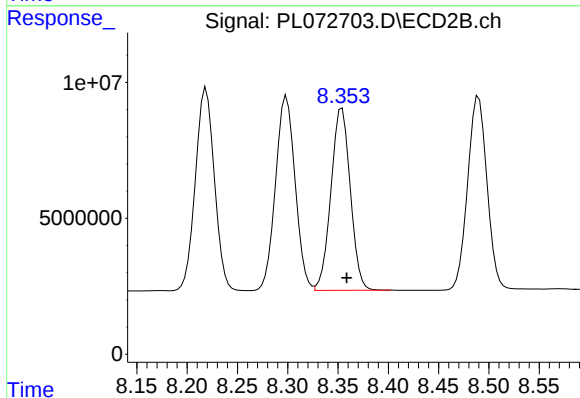
#9 Endosulfan I

R.T.: 7.390 min
Delta R.T.: -0.005 min
Response: 31125781
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

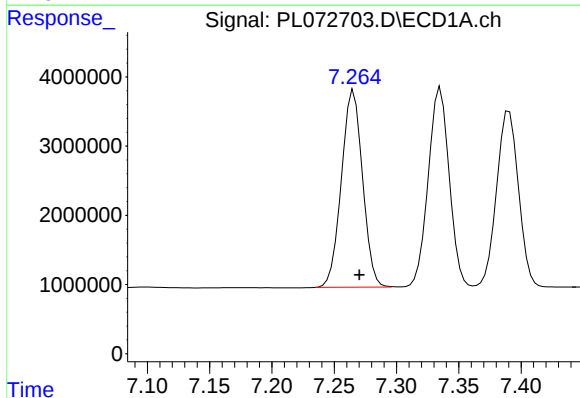
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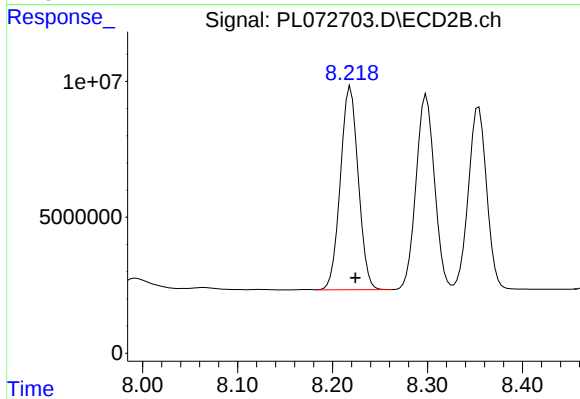
#9 Endosulfan I

R.T.: 8.354 min
Delta R.T.: -0.005 min
Response: 89644436
Conc: 51.24 ng/ml



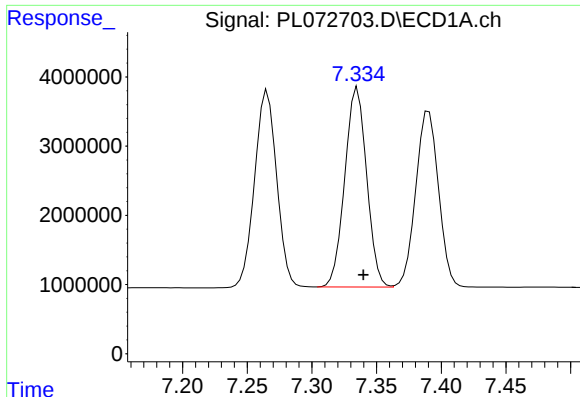
#10 gamma-Chlordane

R.T.: 7.264 min
Delta R.T.: -0.006 min
Response: 33680559
Conc: 53.17 ng/ml m



#10 gamma-Chlordane

R.T.: 8.219 min
Delta R.T.: -0.005 min
Response: 98012439
Conc: 50.67 ng/ml



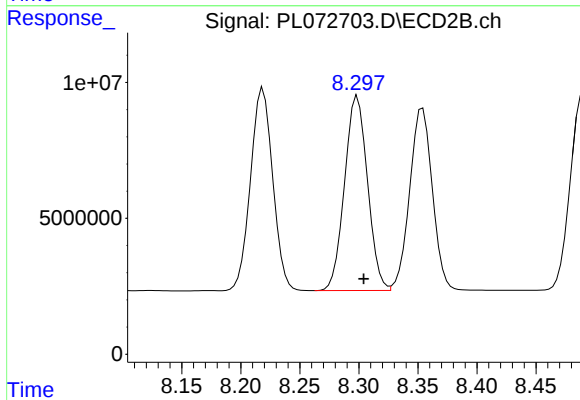
#11 alpha-Chlordane

R.T.: 7.335 min
Delta R.T.: -0.004 min
Response: 33863977
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

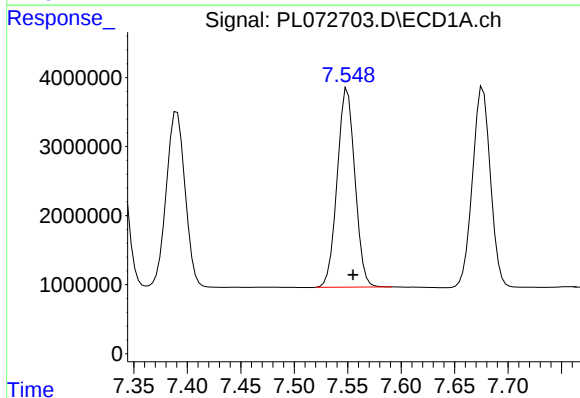
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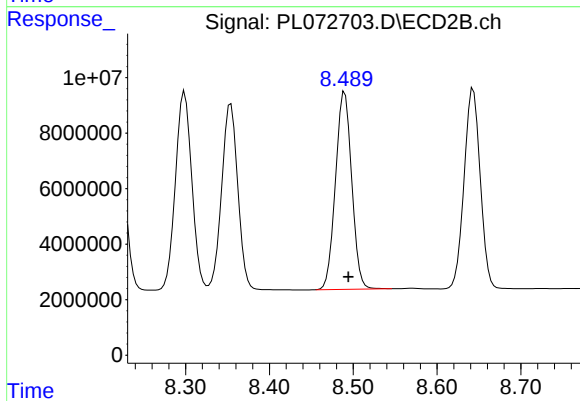
#11 alpha-Chlordane

R.T.: 8.299 min
Delta R.T.: -0.005 min
Response: 96920113
Conc: 51.01 ng/ml



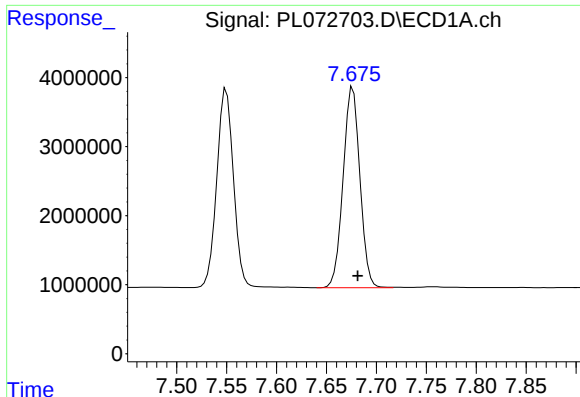
#12 4,4'-DDE

R.T.: 7.550 min
Delta R.T.: -0.005 min
Response: 33257838
Conc: 54.73 ng/ml



#12 4,4'-DDE

R.T.: 8.490 min
Delta R.T.: -0.004 min
Response: 95607560
Conc: 51.15 ng/ml



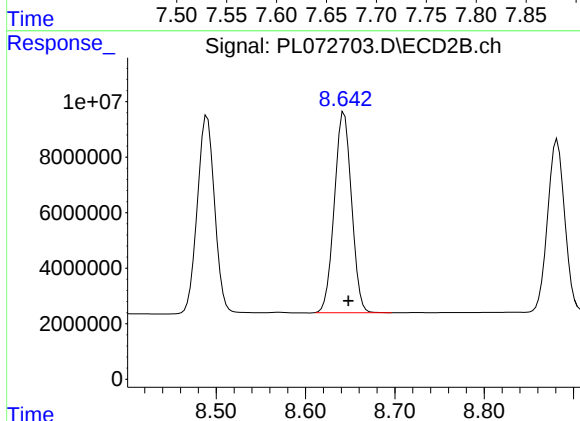
#13 Dieldrin

R.T.: 7.676 min
Delta R.T.: -0.005 min
Response: 34023599
Conc: 53.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

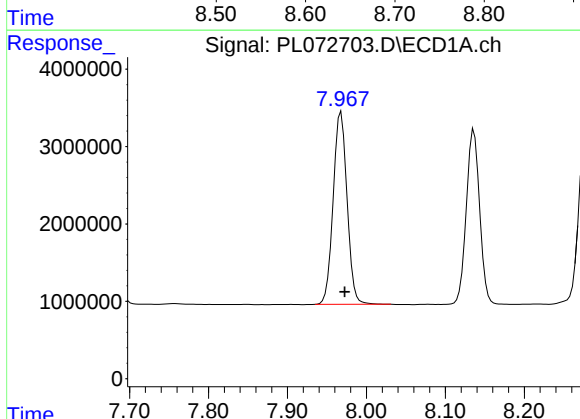
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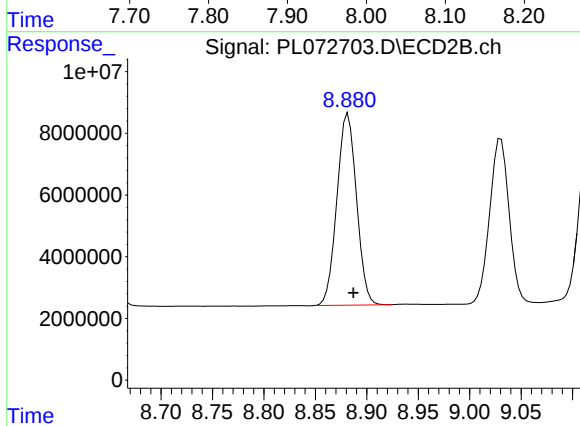
#13 Dieldrin

R.T.: 8.643 min
Delta R.T.: -0.005 min
Response: 96514399
Conc: 51.79 ng/ml



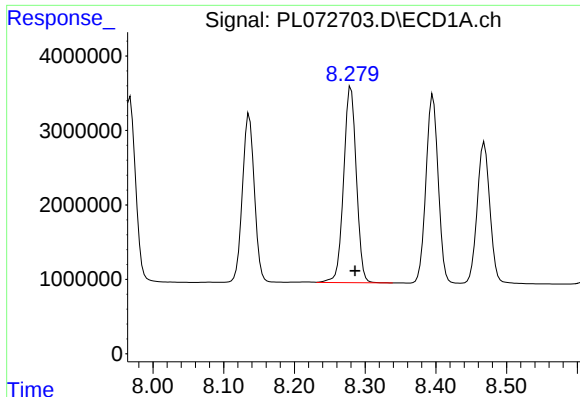
#14 Endrin

R.T.: 7.968 min
Delta R.T.: -0.005 min
Response: 30450424
Conc: 51.98 ng/ml



#14 Endrin

R.T.: 8.882 min
Delta R.T.: -0.005 min
Response: 82396902
Conc: 52.29 ng/ml



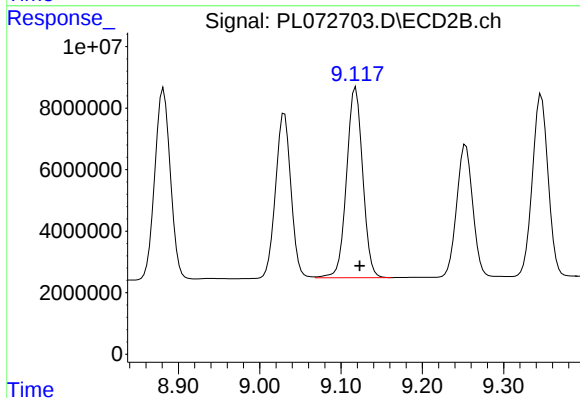
#15 Endosulfan II

R.T.: 8.280 min
Delta R.T.: -0.006 min
Response: 32860260
Conc: 54.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
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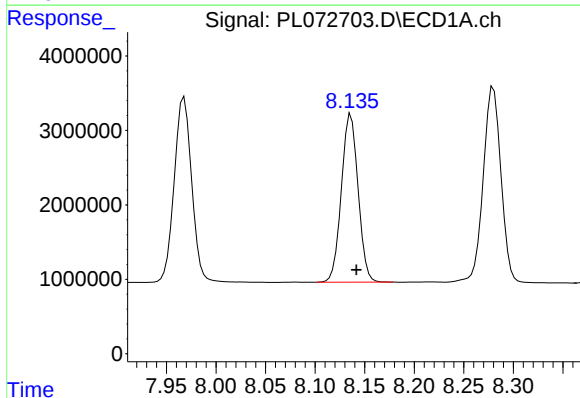
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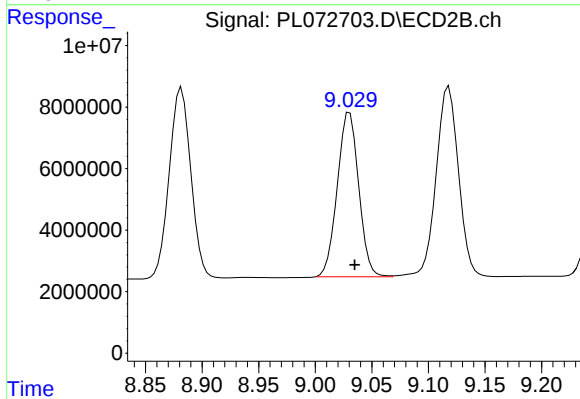
#15 Endosulfan II

R.T.: 9.118 min
Delta R.T.: -0.005 min
Response: 85139593
Conc: 50.64 ng/ml



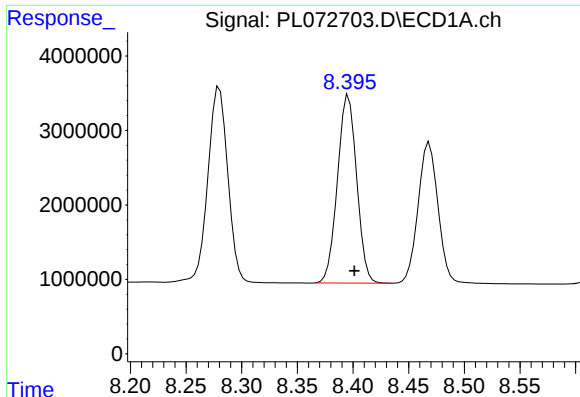
#16 4,4'-DDD

R.T.: 8.136 min
Delta R.T.: -0.005 min
Response: 26468292
Conc: 55.02 ng/ml



#16 4,4'-DDD

R.T.: 9.030 min
Delta R.T.: -0.005 min
Response: 70384768
Conc: 50.86 ng/ml



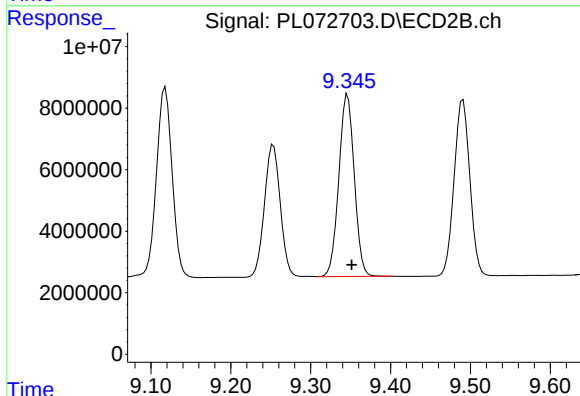
#17 4,4'-DDT

R.T.: 8.396 min
Delta R.T.: -0.005 min
Response: 30357701
Conc: 56.42 ng/ml

Instrument :
ECD_L
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PSTDCCC050

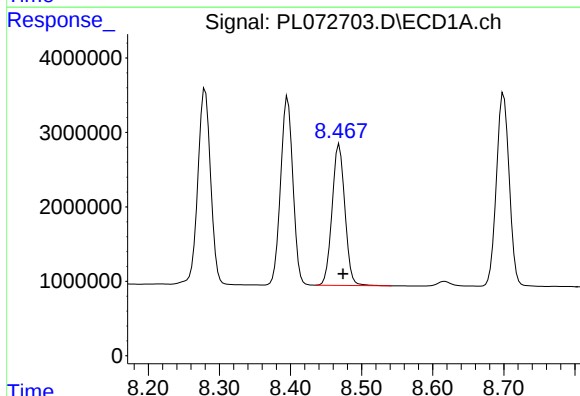
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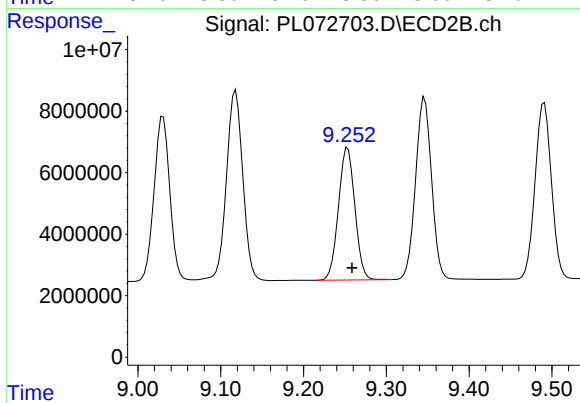
#17 4,4'-DDT

R.T.: 9.346 min
Delta R.T.: -0.005 min
Response: 79517426
Conc: 51.94 ng/ml



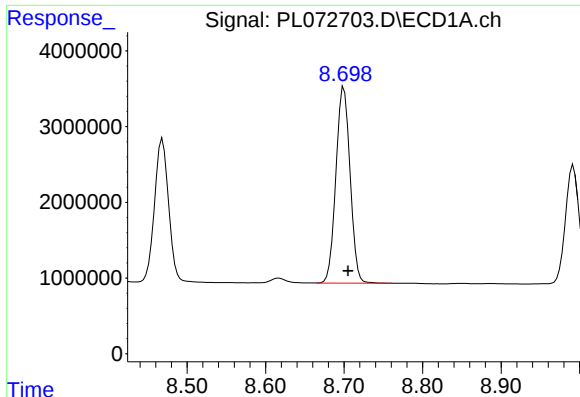
#18 Endrin aldehyde

R.T.: 8.469 min
Delta R.T.: -0.005 min
Response: 23703332
Conc: 54.38 ng/ml



#18 Endrin aldehyde

R.T.: 9.253 min
Delta R.T.: -0.005 min
Response: 59292225
Conc: 52.68 ng/ml



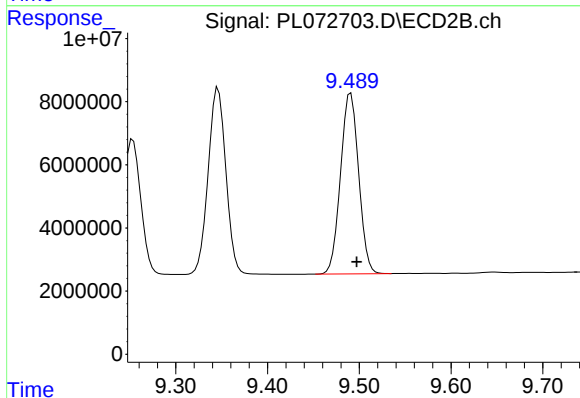
#19 Endosulfan Sulfate

R.T.: 8.700 min
Delta R.T.: -0.005 min
Response: 32578214
Conc: 54.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

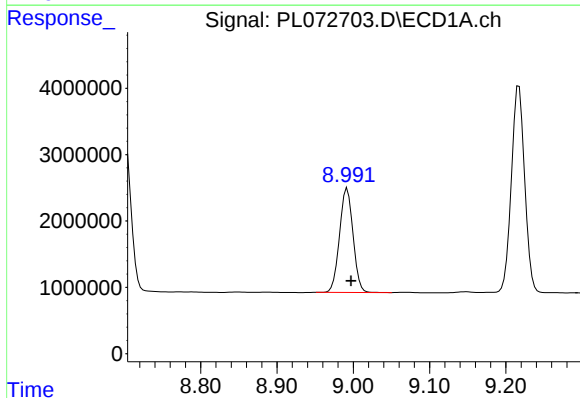
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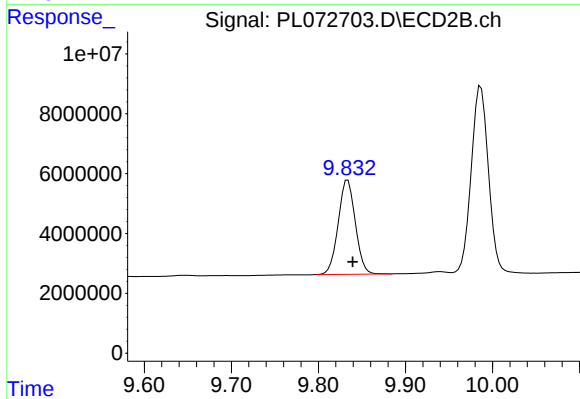
#19 Endosulfan Sulfate

R.T.: 9.491 min
Delta R.T.: -0.006 min
Response: 78567088
Conc: 52.52 ng/ml



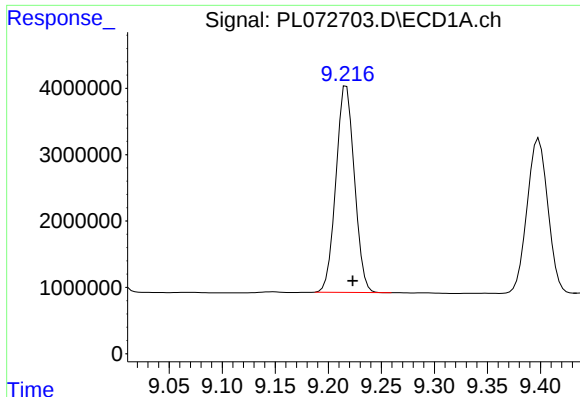
#20 Methoxychlor

R.T.: 8.992 min
Delta R.T.: -0.005 min
Response: 19319396
Conc: 54.94 ng/ml



#20 Methoxychlor

R.T.: 9.834 min
Delta R.T.: -0.006 min
Response: 43034614
Conc: 53.15 ng/ml



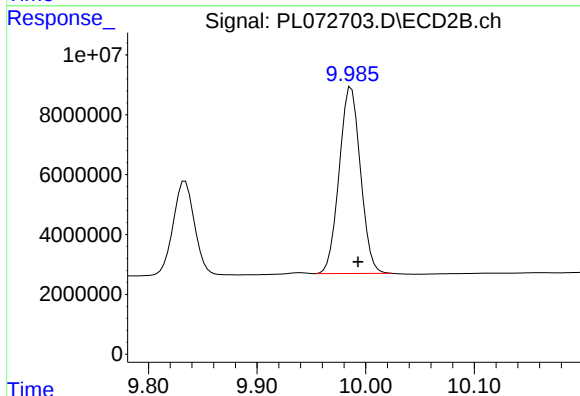
#21 Endrin ketone

R.T.: 9.217 min
Delta R.T.: -0.006 min
Response: 37674542
Conc: 54.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

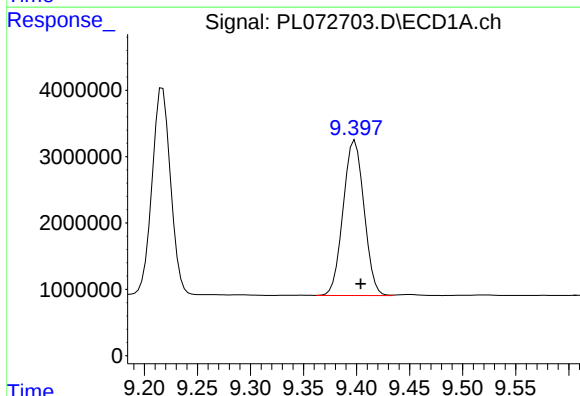
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/16/2022
Supervised By :Ankita Jodhani 02/16/2022



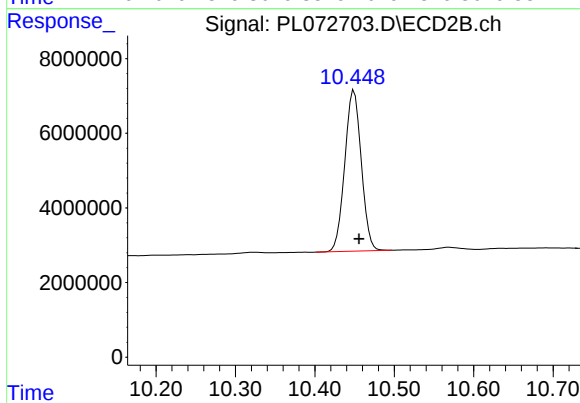
#21 Endrin ketone

R.T.: 9.985 min
Delta R.T.: -0.008 min
Response: 84872540
Conc: 53.27 ng/ml m



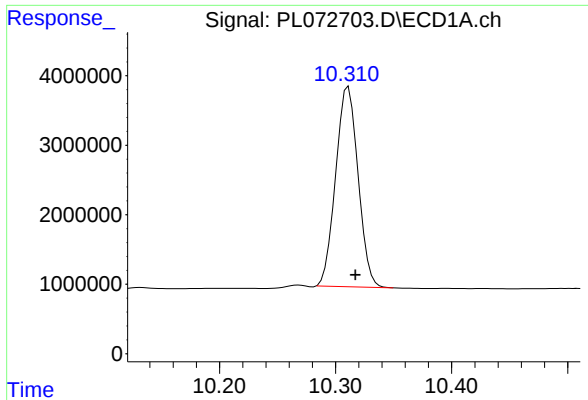
#22 Mirex

R.T.: 9.399 min
Delta R.T.: -0.005 min
Response: 32028453
Conc: 53.99 ng/ml



#22 Mirex

R.T.: 10.449 min
Delta R.T.: -0.006 min
Response: 62370093
Conc: 53.13 ng/ml



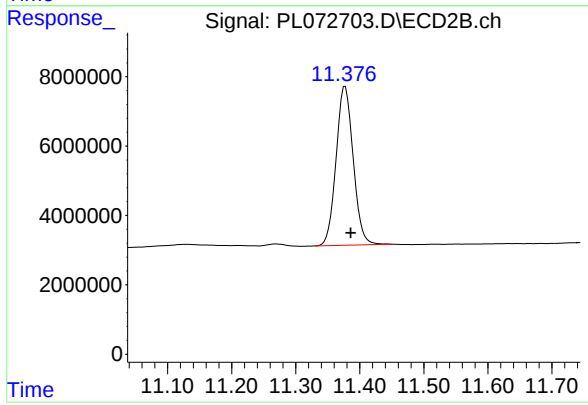
#28 Decachlorobiphenyl

R.T.: 10.311 min
Delta R.T.: -0.006 min
Response: 38631720
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.377 min
Delta R.T.: -0.009 min
Response: 85004688
Conc: 53.60 ng/ml