

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111821\
 Data File : PL071062.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2021 16:58
 Operator : AR\AJ
 Sample : PB140837BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB140837BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/19/2021
 Supervised By : mohammad ahmed 11/19/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 05:23:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 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...	4.571	5.499	9656387	26178730	19.715	20.763
28)	SA Decachlor...	10.333	11.394	13542938	26323411	19.820	19.683
Target Compounds							
2)	A alpha-BHC	5.277	6.079	33528056	99996237	50.086	54.322
3)	MA gamma-BHC...	5.699	6.475	32430444	94974078	48.347	54.770
4)	MA Heptachlor	6.106	7.123	35537235	96290442	49.528	59.282
5)	MB Aldrin	6.430	7.493	31211634	87013550	48.809	53.585
6)	B beta-BHC	6.082	6.731	14893149	49385068	45.849	57.637m#
7)	B delta-BHC	6.341	6.999	32371528	91857118	48.913	54.930
8)	B Heptachlo...	7.007	7.960	30822246	81811407	47.408	53.676
9)	A Endosulfan I	7.410	8.365	29165929	74476054	47.613	51.769
10)	B gamma-Chl...	7.285	8.230	31351526	79616836	47.229	51.420
11)	B alpha-Chl...	7.354	8.310	31479540	78622579	47.241	51.692
12)	B 4,4'-DDE	7.570	8.500	28381847	78383200	48.713	53.123
13)	MA Dieldrin	7.695	8.654	30004593	75936044	48.068	52.114
14)	MA Endrin	7.986	8.893	28305931	65963089	49.925	56.948
15)	B Endosulfa...	8.298	9.128	27336798	62526805	45.159	51.195
16)	A 4,4'-DDD	8.155	9.040	24986403	58348574	49.177	48.485
17)	MA 4,4'-DDT	8.416	9.356	27677467	66879180	50.325	53.012
18)	B Endrin al...	8.487	9.263	22692123	50859793	49.948	52.593
19)	B Endosulfa...	8.717	9.500	28929867	61916676	46.896	49.957
20)	A Methoxychlor	9.011	9.844	17627058	34502467	48.182	50.979
21)	B Endrin ke...	9.235	9.997	33764112	67930268	47.219	47.322
22)	Mirex	9.419	10.462	28637824	50686901	46.631	48.662

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111821\
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 ALS Vial : 13 Sample Multiplier: 1

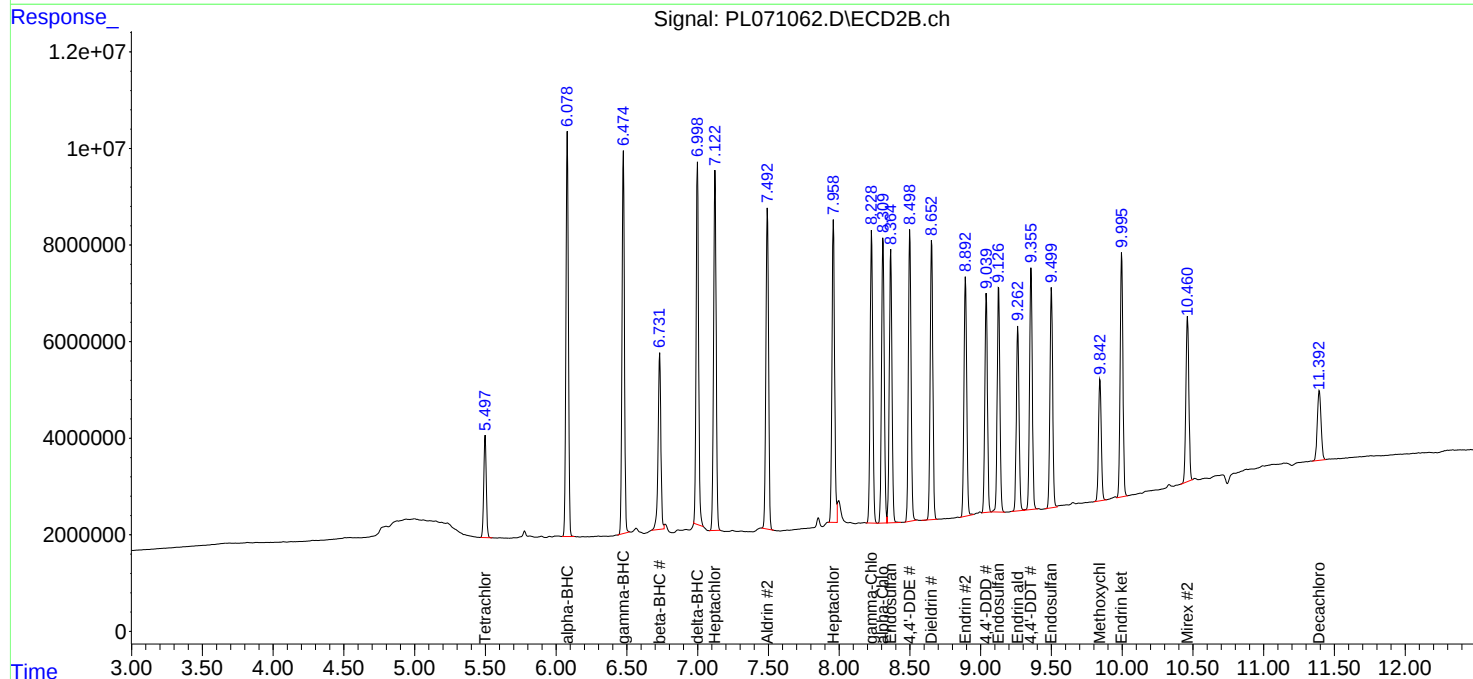
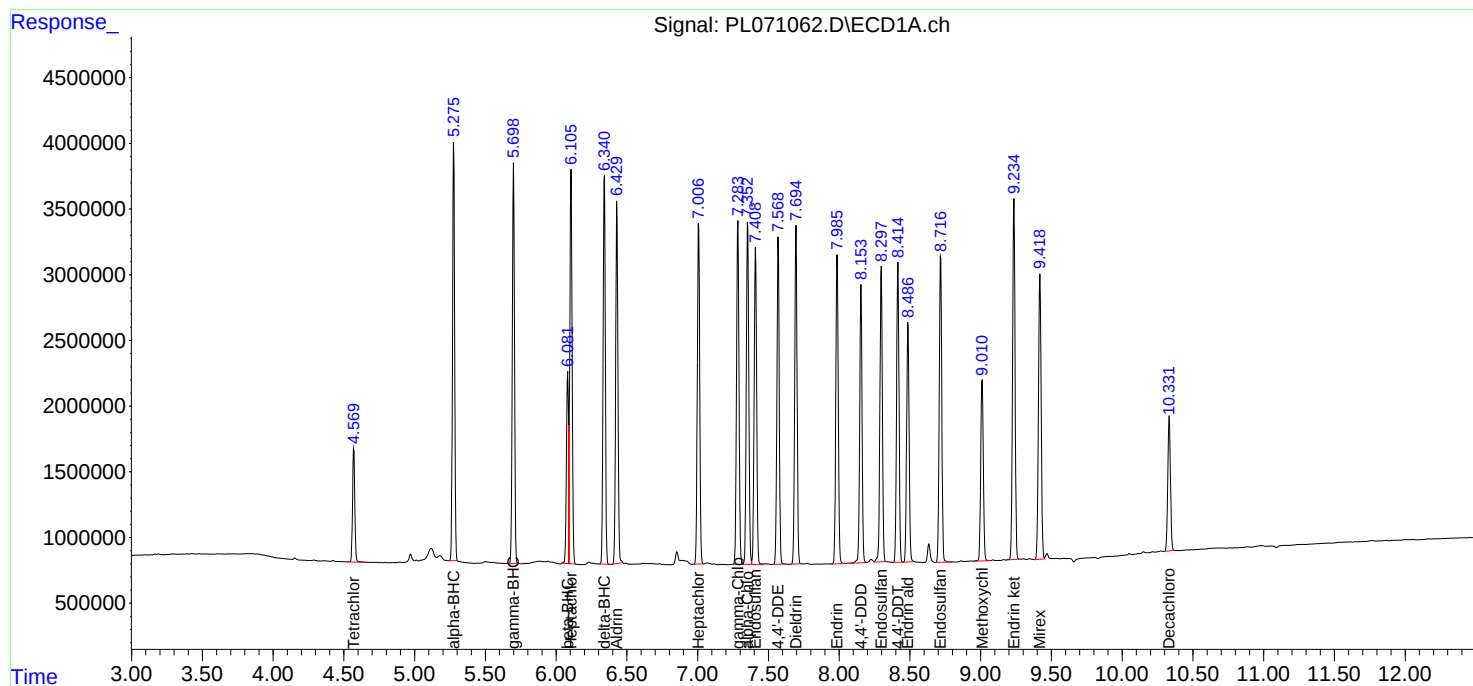
Instrument :
 ECD_L
 ClientSampleId :
 PB140837BS

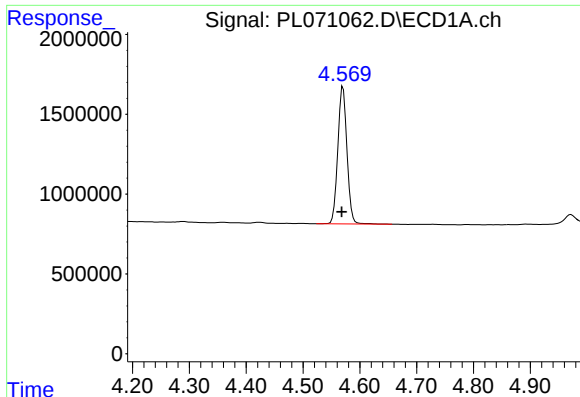
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 11/19/2021

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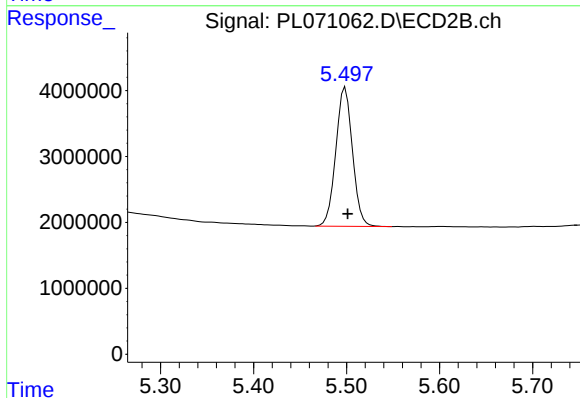
#1 Tetrachloro-m-xylene

R.T.: 4.571 min
Delta R.T.: 0.003 min
Response: 9656387
Conc: 19.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

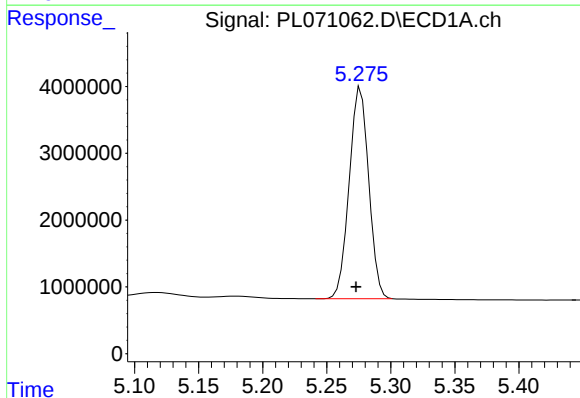
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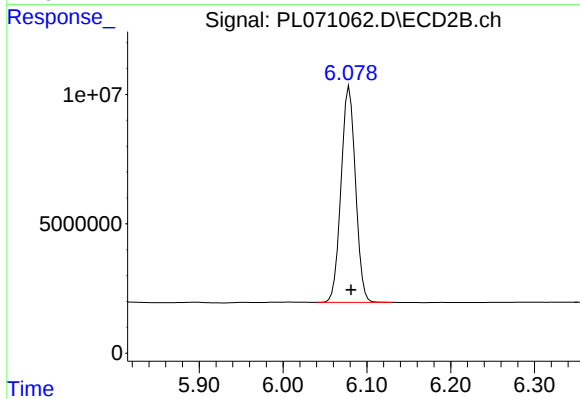
#1 Tetrachloro-m-xylene

R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 26178730
Conc: 20.76 ng/ml



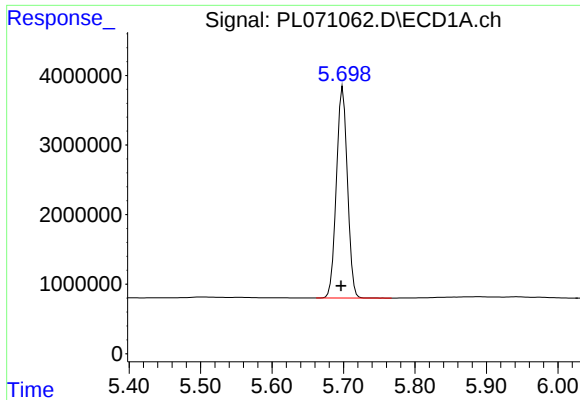
#2 alpha-BHC

R.T.: 5.277 min
Delta R.T.: 0.004 min
Response: 33528056
Conc: 50.09 ng/ml



#2 alpha-BHC

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 99996237
Conc: 54.32 ng/ml



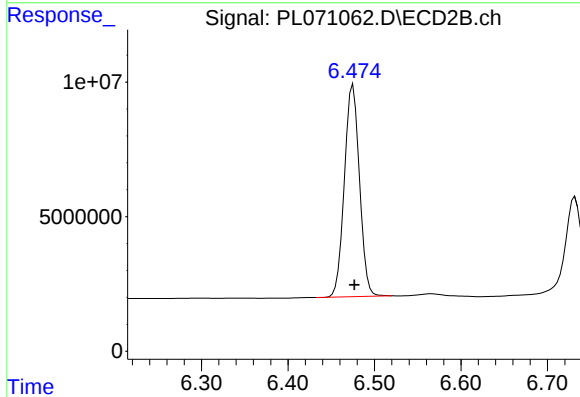
#3 gamma-BHC (Lindane)

R.T.: 5.699 min
Delta R.T.: 0.003 min
Response: 32430444
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

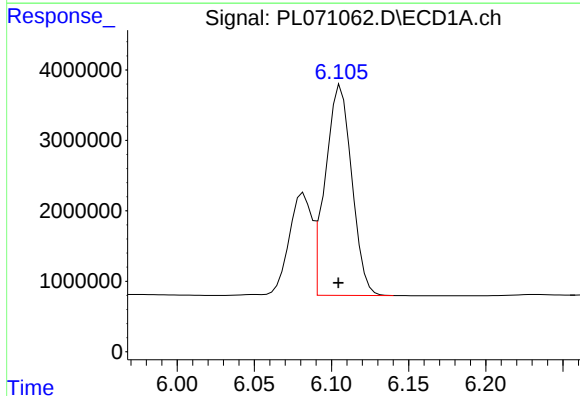
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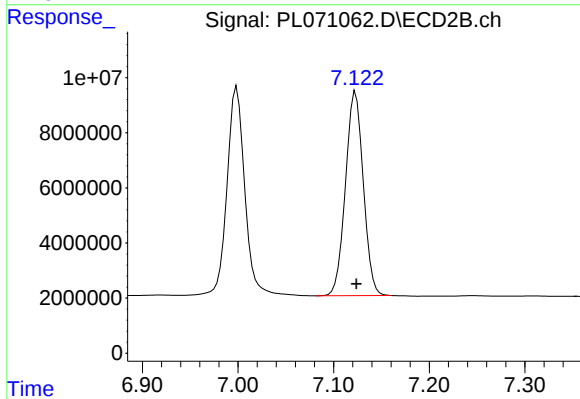
#3 gamma-BHC (Lindane)

R.T.: 6.475 min
Delta R.T.: -0.001 min
Response: 94974078
Conc: 54.77 ng/ml



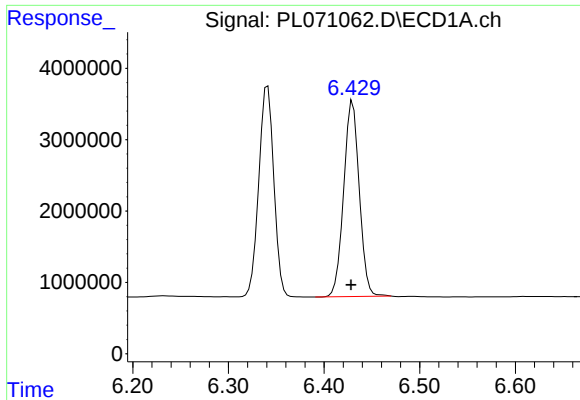
#4 Heptachlor

R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 35537235
Conc: 49.53 ng/ml



#4 Heptachlor

R.T.: 7.123 min
Delta R.T.: 0.000 min
Response: 96290442
Conc: 59.28 ng/ml



#5 Aldrin

R.T.: 6.430 min
Delta R.T.: 0.002 min
Response: 31211634
Conc: 48.81 ng/ml

Instrument :

ECD_L

ClientSampleId :

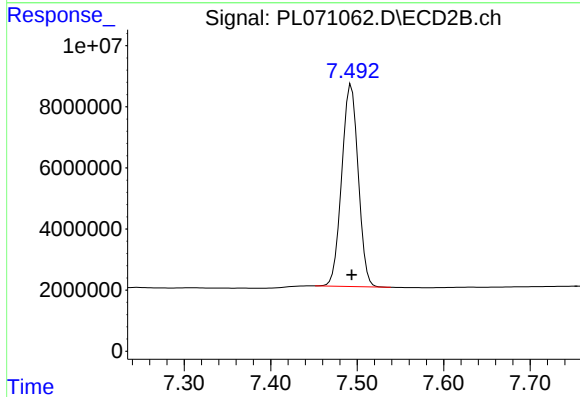
PB140837BS

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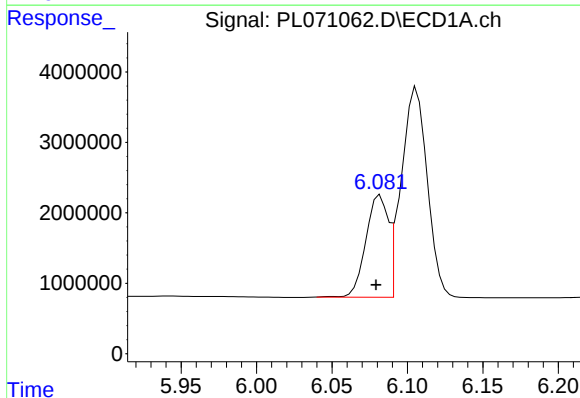
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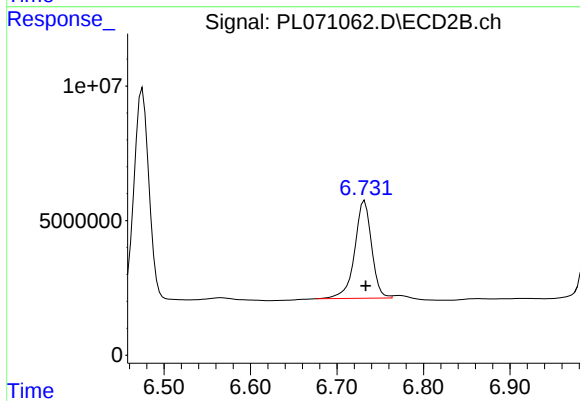
#5 Aldrin

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 87013550
Conc: 53.59 ng/ml



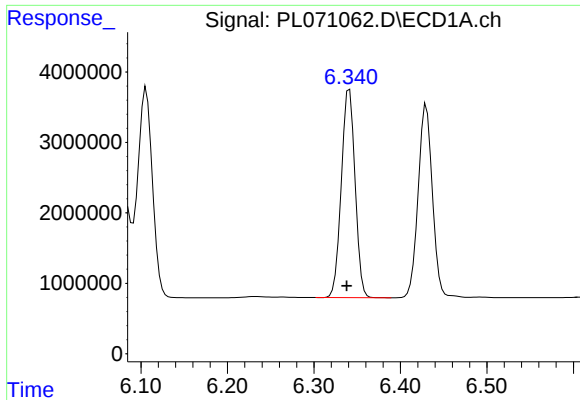
#6 beta-BHC

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 14893149
Conc: 45.85 ng/ml



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: -0.003 min
Response: 49385068
Conc: 57.64 ng/ml m



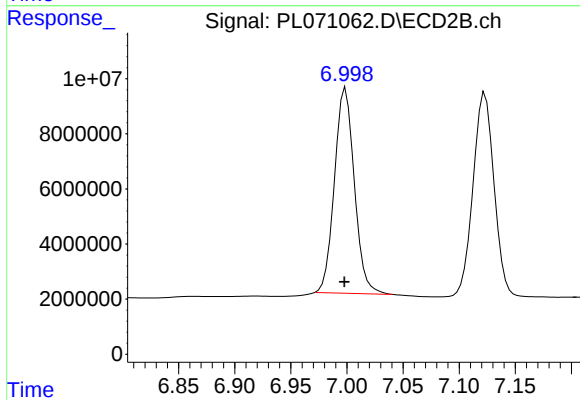
#7 delta-BHC

R.T.: 6.341 min
Delta R.T.: 0.003 min
Response: 32371528
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

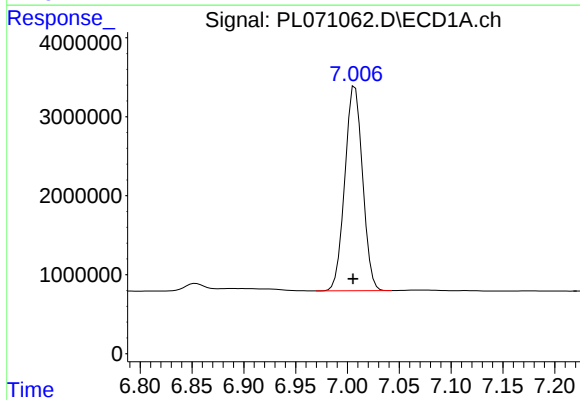
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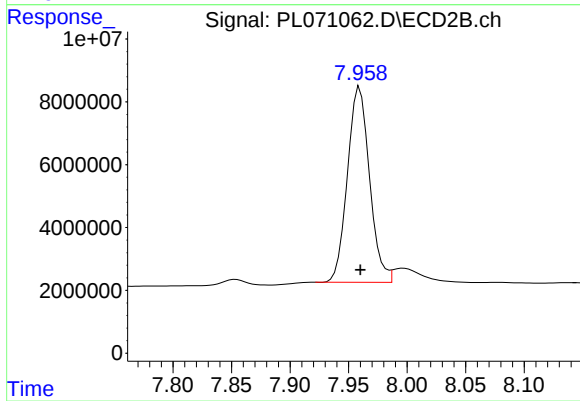
#7 delta-BHC

R.T.: 6.999 min
Delta R.T.: 0.001 min
Response: 91857118
Conc: 54.93 ng/ml



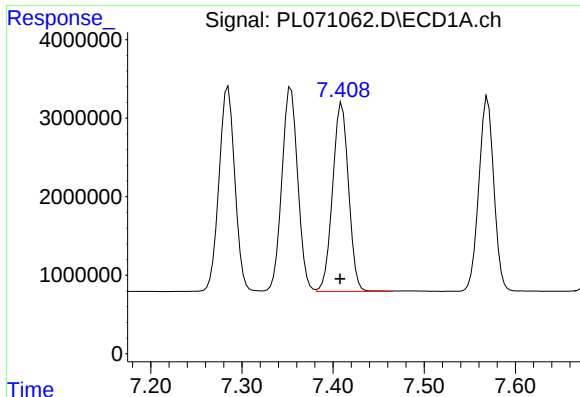
#8 Heptachlor epoxide

R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 30822246
Conc: 47.41 ng/ml



#8 Heptachlor epoxide

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 81811407
Conc: 53.68 ng/ml



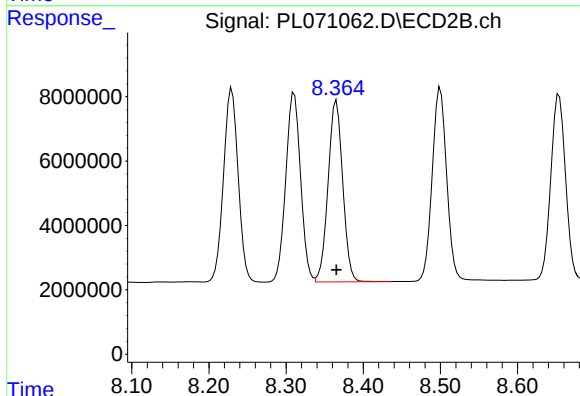
#9 Endosulfan I

R.T.: 7.410 min
Delta R.T.: 0.002 min
Response: 29165929
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

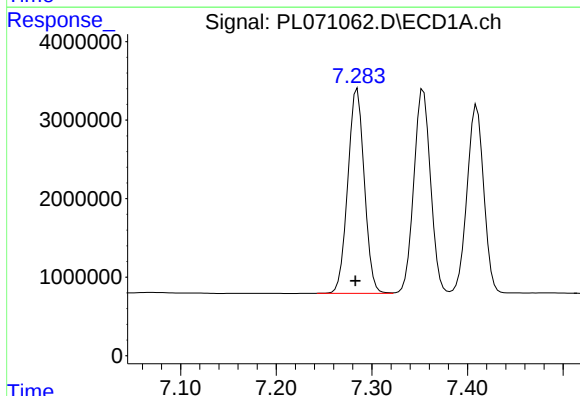
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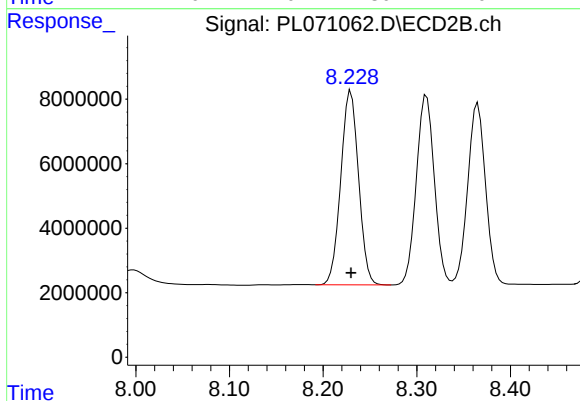
#9 Endosulfan I

R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 74476054
Conc: 51.77 ng/ml



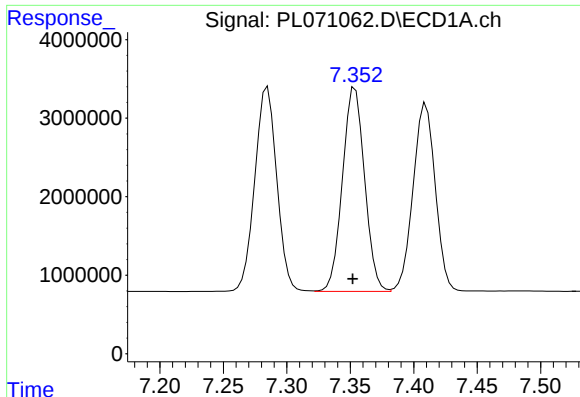
#10 gamma-Chlordane

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 31351526
Conc: 47.23 ng/ml



#10 gamma-Chlordane

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 79616836
Conc: 51.42 ng/ml



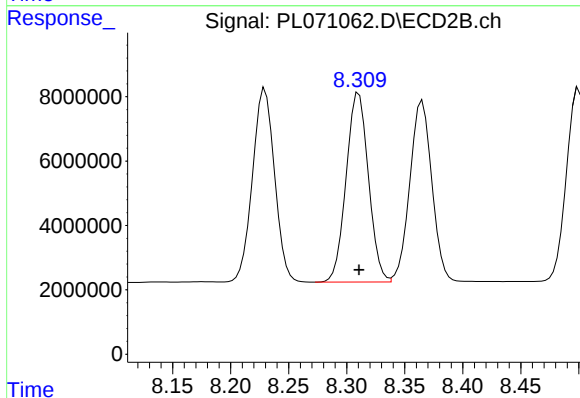
#11 alpha-Chlordane

R.T.: 7.354 min
Delta R.T.: 0.002 min
Response: 31479540
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

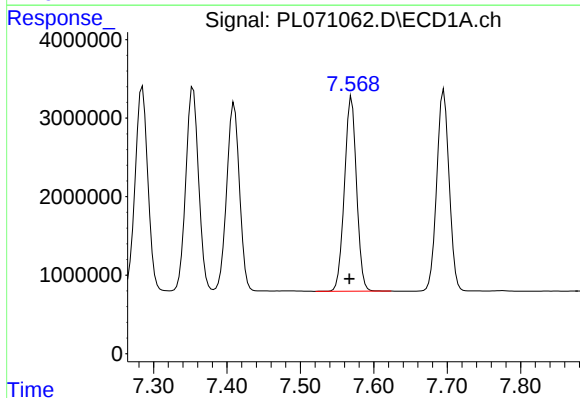
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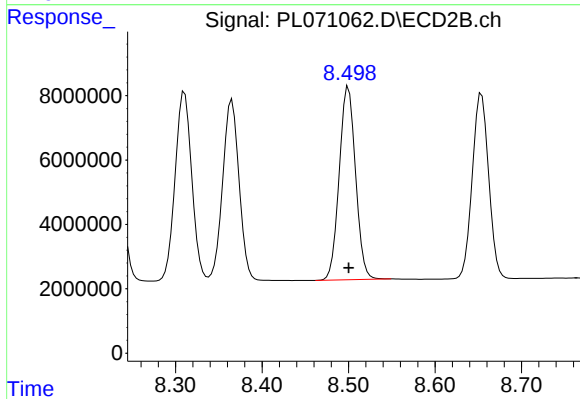
#11 alpha-Chlordane

R.T.: 8.310 min
Delta R.T.: 0.000 min
Response: 78622579
Conc: 51.69 ng/ml



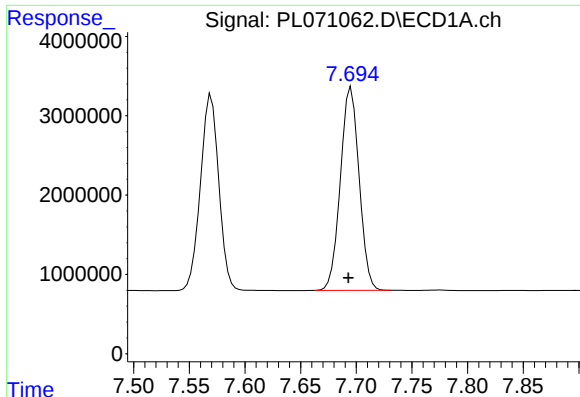
#12 4,4'-DDE

R.T.: 7.570 min
Delta R.T.: 0.003 min
Response: 28381847
Conc: 48.71 ng/ml



#12 4,4'-DDE

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 78383200
Conc: 53.12 ng/ml



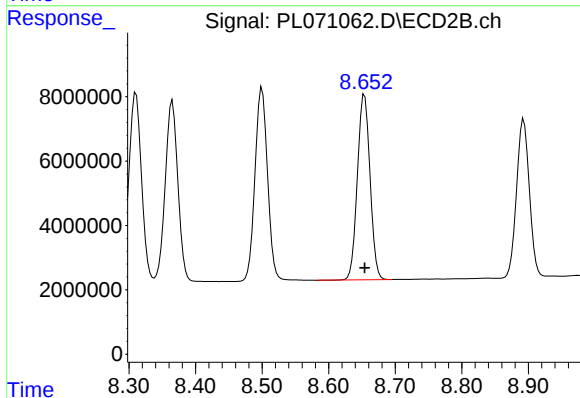
#13 Dieldrin

R.T.: 7.695 min
Delta R.T.: 0.003 min
Response: 30004593
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

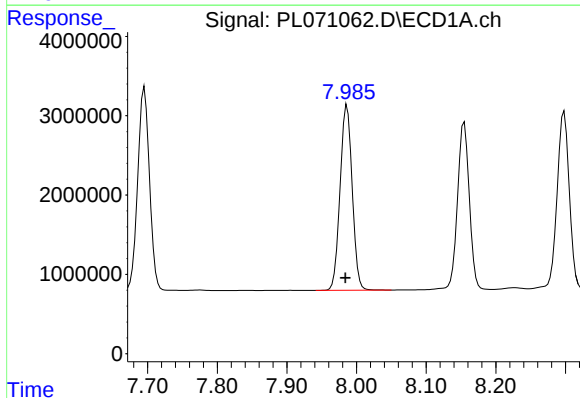
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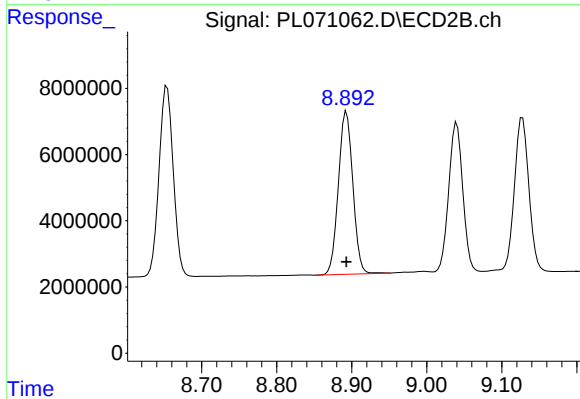
#13 Dieldrin

R.T.: 8.654 min
Delta R.T.: 0.000 min
Response: 75936044
Conc: 52.11 ng/ml



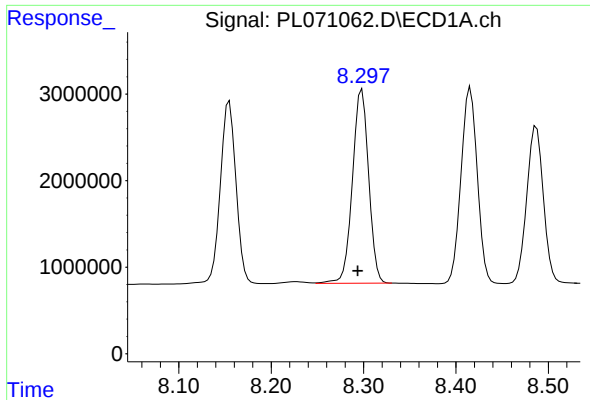
#14 Endrin

R.T.: 7.986 min
Delta R.T.: 0.003 min
Response: 28305931
Conc: 49.93 ng/ml



#14 Endrin

R.T.: 8.893 min
Delta R.T.: 0.000 min
Response: 65963089
Conc: 56.95 ng/ml



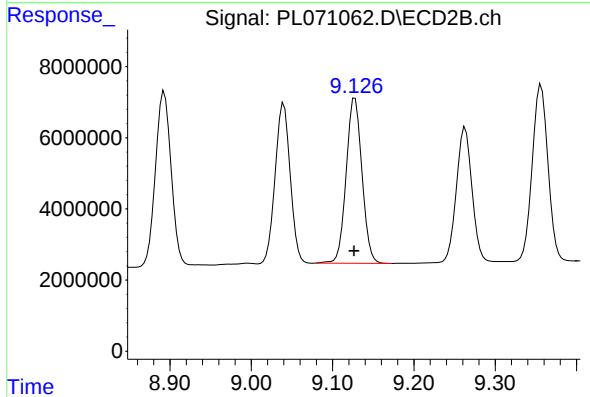
#15 Endosulfan II

R.T.: 8.298 min
Delta R.T.: 0.005 min
Response: 27336798
Conc: 45.16 ng/ml

Instrument :
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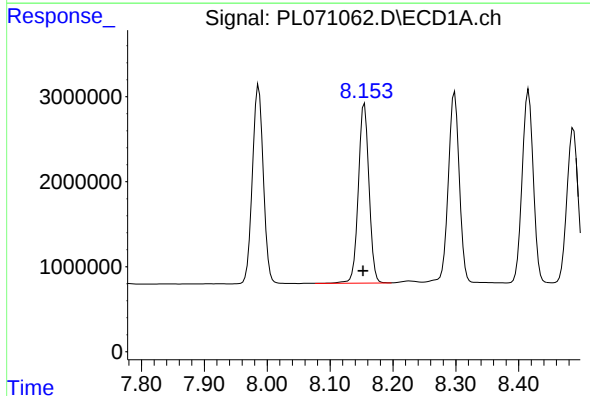
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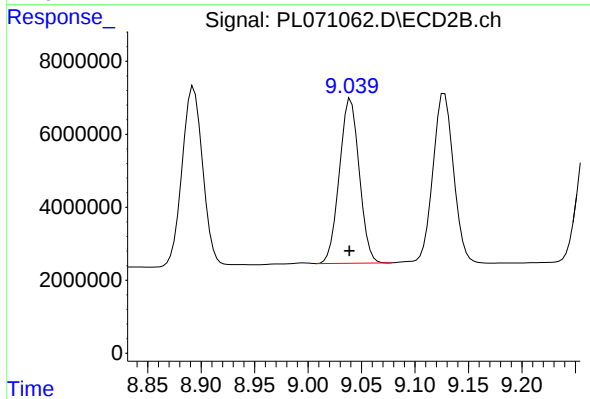
#15 Endosulfan II

R.T.: 9.128 min
Delta R.T.: 0.001 min
Response: 62526805
Conc: 51.19 ng/ml



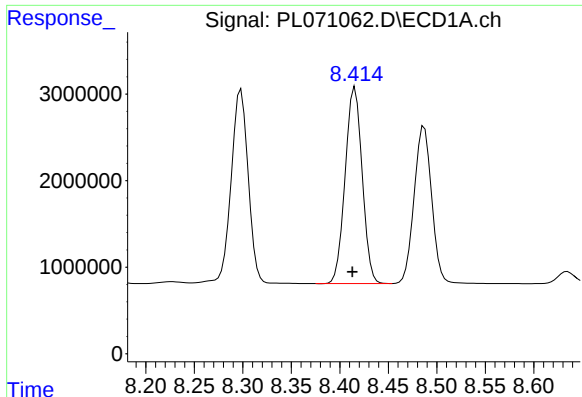
#16 4,4'-DDD

R.T.: 8.155 min
Delta R.T.: 0.002 min
Response: 24986403
Conc: 49.18 ng/ml



#16 4,4'-DDD

R.T.: 9.040 min
Delta R.T.: 0.001 min
Response: 58348574
Conc: 48.49 ng/ml



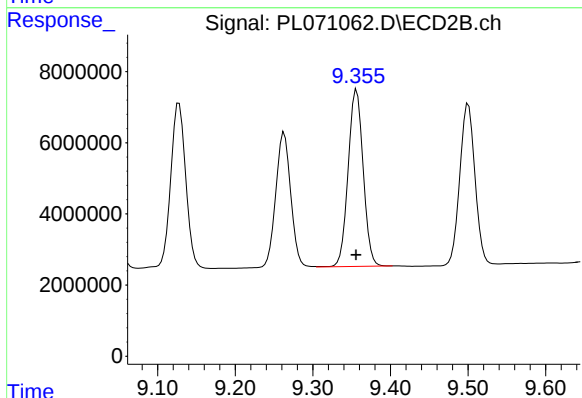
#17 4,4'-DDT

R.T.: 8.416 min
Delta R.T.: 0.003 min
Response: 27677467
Conc: 50.32 ng/ml

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ECD_L
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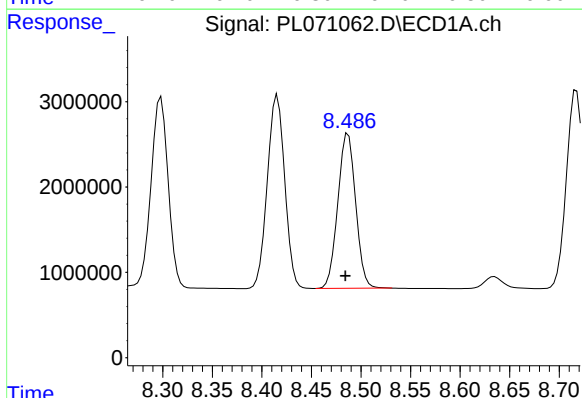
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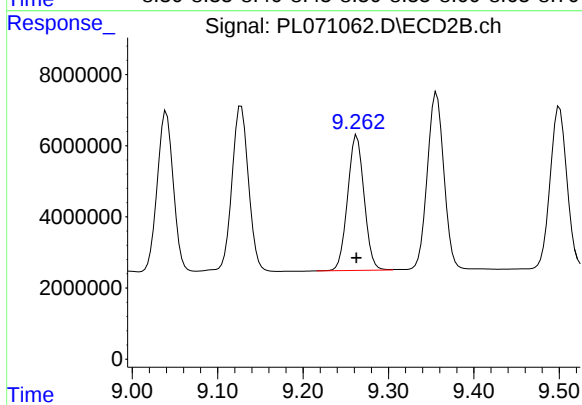
#17 4,4'-DDT

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 66879180
Conc: 53.01 ng/ml



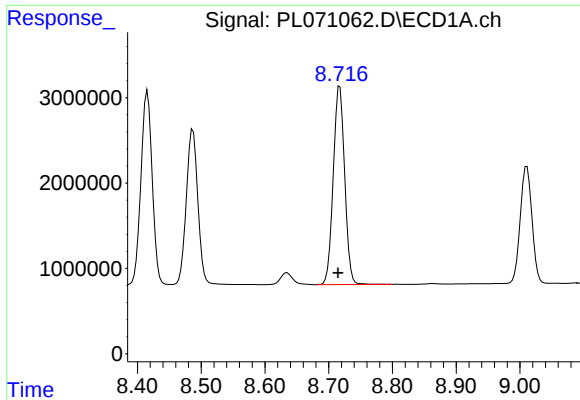
#18 Endrin aldehyde

R.T.: 8.487 min
Delta R.T.: 0.003 min
Response: 22692123
Conc: 49.95 ng/ml



#18 Endrin aldehyde

R.T.: 9.263 min
Delta R.T.: 0.000 min
Response: 50859793
Conc: 52.59 ng/ml



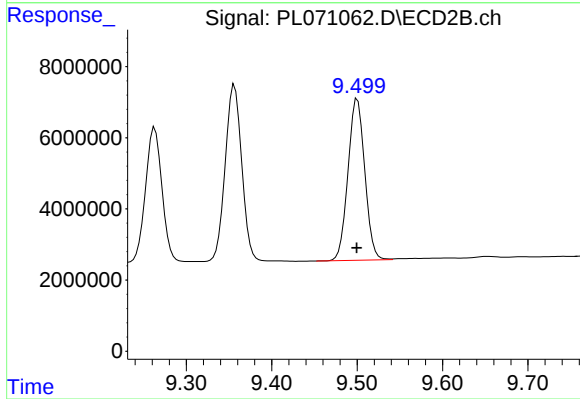
#19 Endosulfan Sulfate

R.T.: 8.717 min
Delta R.T.: 0.003 min
Response: 28929867
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

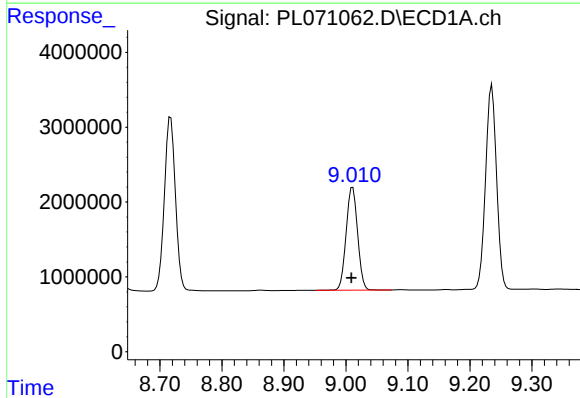
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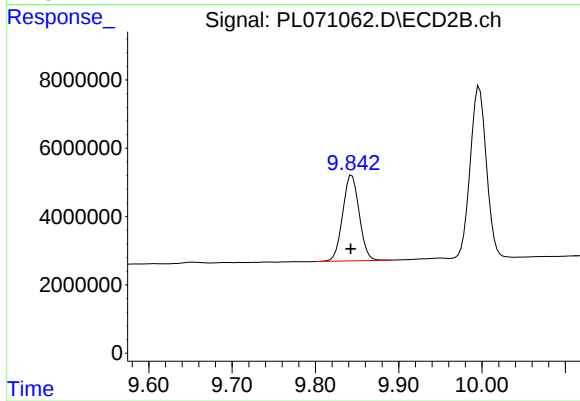
#19 Endosulfan Sulfate

R.T.: 9.500 min
Delta R.T.: 0.000 min
Response: 61916676
Conc: 49.96 ng/ml



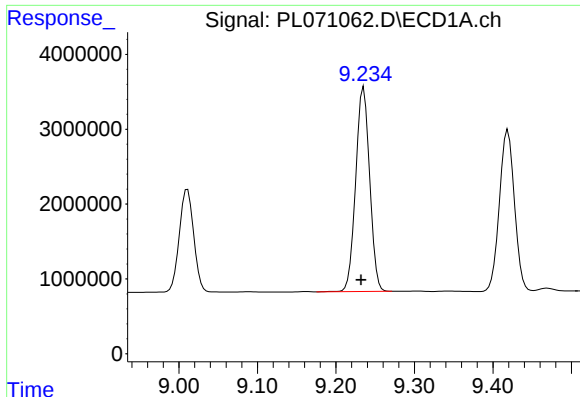
#20 Methoxychlor

R.T.: 9.011 min
Delta R.T.: 0.002 min
Response: 17627058
Conc: 48.18 ng/ml



#20 Methoxychlor

R.T.: 9.844 min
Delta R.T.: 0.001 min
Response: 34502467
Conc: 50.98 ng/ml



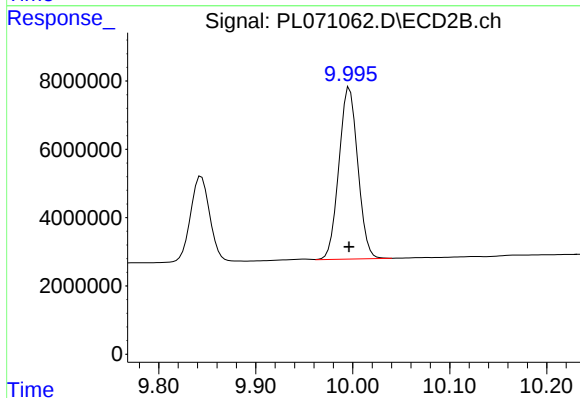
#21 Endrin ketone

R.T.: 9.235 min
Delta R.T.: 0.003 min
Response: 33764112
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

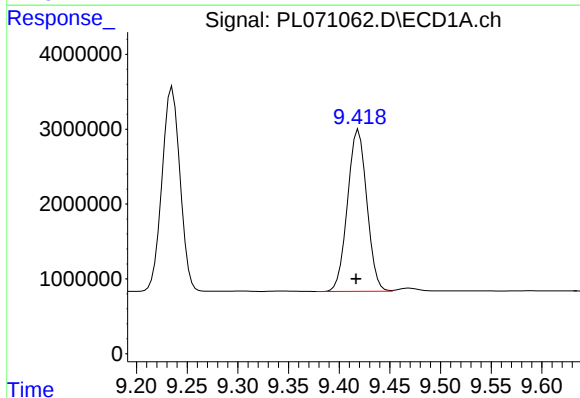
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Supervised By :mohammad ahmed 11/19/2021



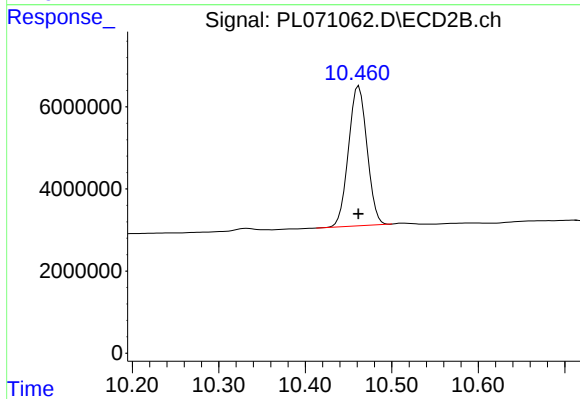
#21 Endrin ketone

R.T.: 9.997 min
Delta R.T.: 0.000 min
Response: 67930268
Conc: 47.32 ng/ml



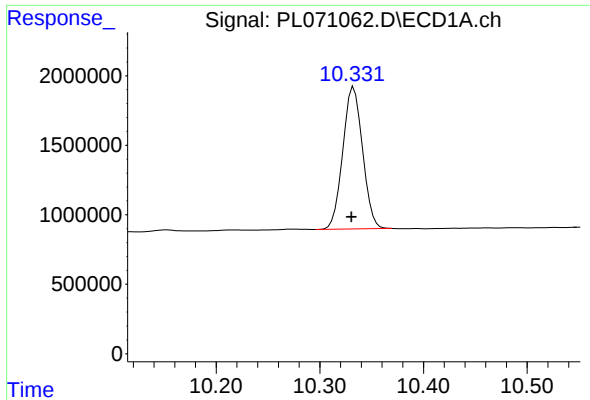
#22 Mirex

R.T.: 9.419 min
Delta R.T.: 0.002 min
Response: 28637824
Conc: 46.63 ng/ml



#22 Mirex

R.T.: 10.462 min
Delta R.T.: 0.000 min
Response: 50686901
Conc: 48.66 ng/ml



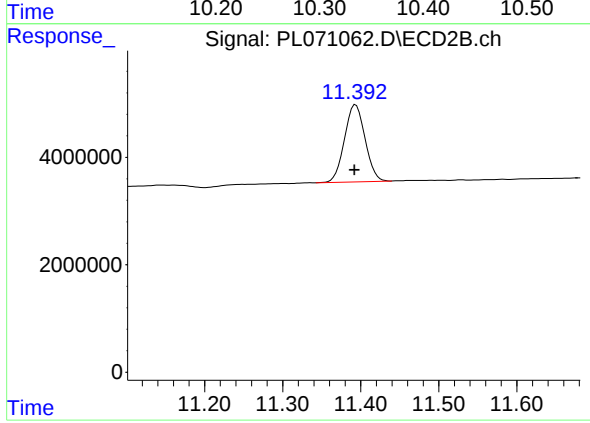
#28 Decachlorobiphenyl

R.T.: 10.333 min
Delta R.T.: 0.002 min
Response: 13542938
Conc: 19.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/19/2021
Supervised By :mohammad ahmed 11/19/2021



#28 Decachlorobiphenyl

R.T.: 11.394 min
Delta R.T.: 0.002 min
Response: 26323411
Conc: 19.68 ng/ml