

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032322\
 Data File : PL073600.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2022 13:23
 Operator : AR\AJ
 Sample : PB143534BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143534BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2022
 Supervised By : mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:27:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.641	5.491	6698806	34726979	20.915	21.159
28)	SA Decachlor...	10.415	11.332	11197700	37667828	22.021	21.065
Target Compounds							
2)	A alpha-BHC	5.350	6.054	21583797	124.3E6	52.362	55.253
3)	MA gamma-BHC...	5.774	6.443	21513623	116.0E6	51.575	54.349
4)	MA Heptachlor	6.185	7.102	23281268	122.6E6	51.599	52.309
5)	MB Aldrin	6.510	7.469	21954333	115.3E6	53.136	55.059
6)	B beta-BHC	6.153	6.679	10478605	50727182	50.893	48.665
7)	B delta-BHC	6.415	6.947	21518331	114.0E6	53.575	52.933
8)	B Heptachlo...	7.087	7.926	22253897	105.2E6	51.636	52.685
9)	A Endosulfan I	7.490	8.326	21030041	92957126	51.265	50.924
10)	B gamma-Chl...	7.365	8.193	22757412	105.5E6	52.040	51.637
11)	B alpha-Chl...	7.434	8.277	22971106	103.3E6	51.979	51.627
12)	B 4,4'-DDE	7.648	8.461	19038395	94730917	53.056	52.852
13)	MA Dieldrin	7.777	8.611	22575588	99129041	54.187	53.736
14)	MA Endrin	8.068	8.845	22006097	84167458	56.716	54.675
15)	B Endosulfa...	8.378	9.069	21912448	82727926	56.060	53.865
16)	A 4,4'-DDD	8.234	8.988	16897897	72973074	52.035	49.991
17)	MA 4,4'-DDT	8.496	9.307	19970350	82175507	52.806	50.275
18)	B Endrin al...	8.567	9.201	18201172	67693858	57.553	55.201m
19)	B Endosulfa...	8.798	9.439	22263718	80490198	52.705	51.070
20)	A Methoxychlor	9.091	9.786	13509946	45752336	52.663	50.775
21)	B Endrin ke...	9.318	9.928	26083430	83214792	53.316	50.415
22)	Mirex	9.505	10.404	26258516	75122664	55.684	55.300

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032322\
 Data File : PL073600.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2022 13:23
 Operator : AR\AJ
 Sample : PB143534BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

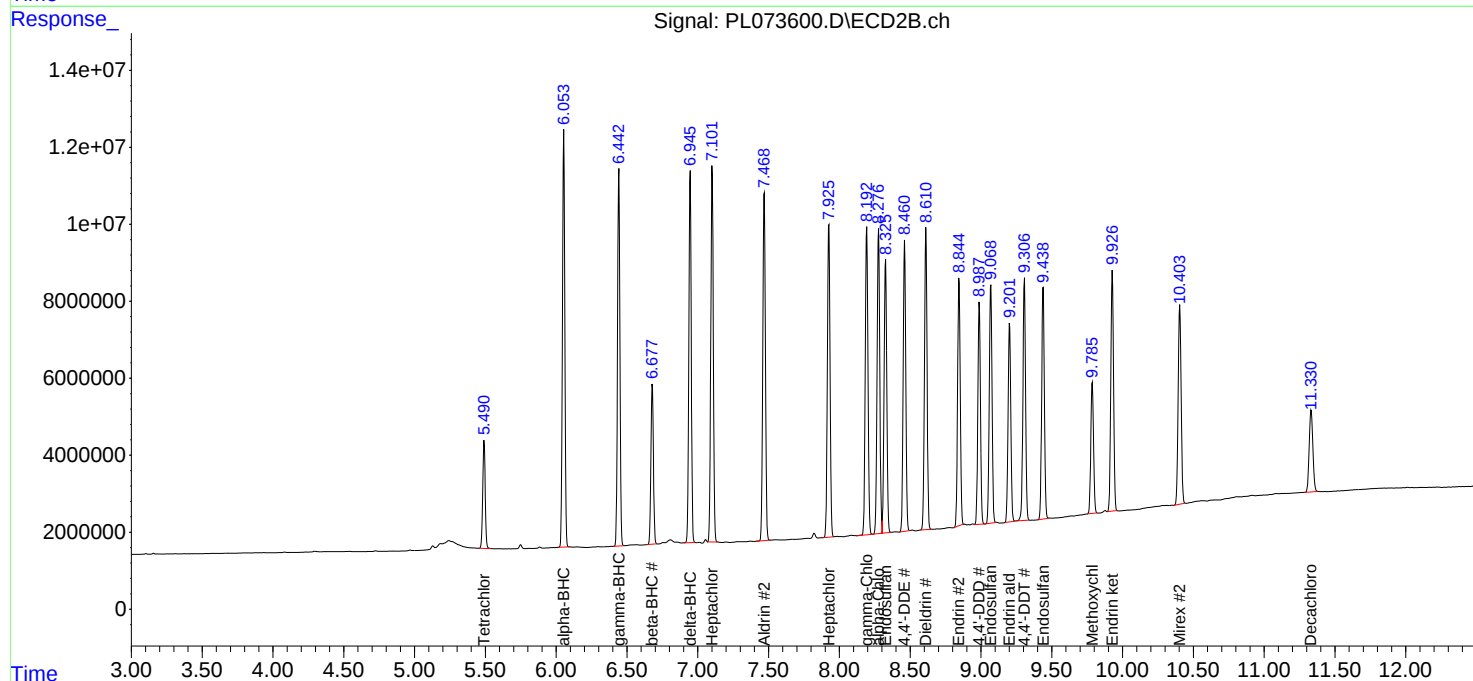
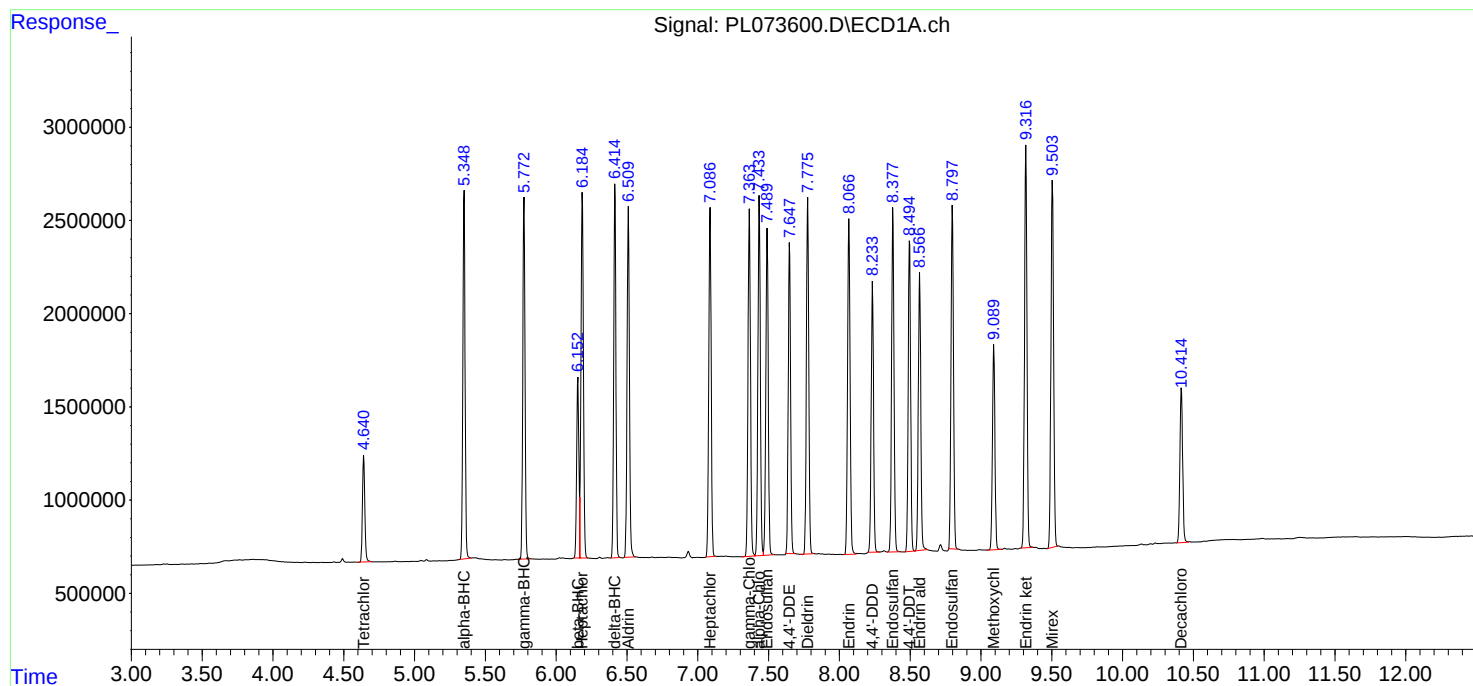
Instrument :
 ECD_L
 ClientSampleId :
 PB143534BS

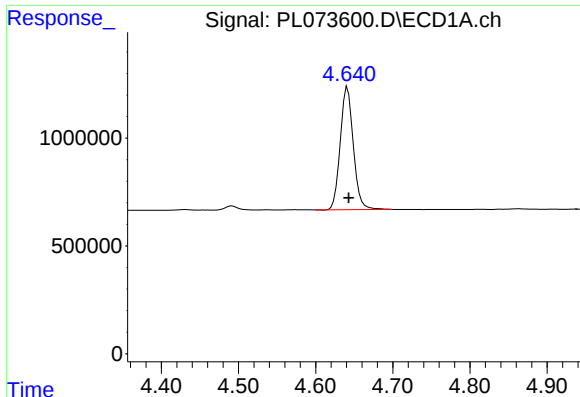
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:27:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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





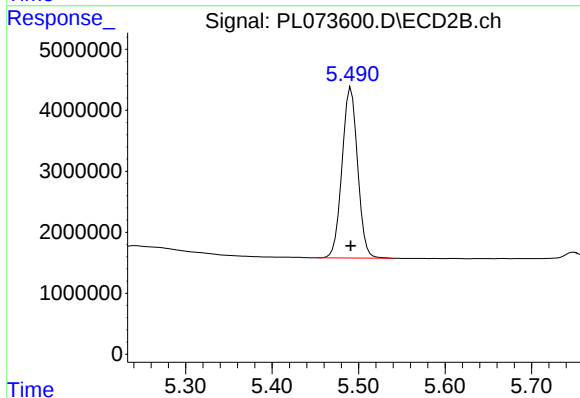
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6698806
Conc: 20.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143534BS

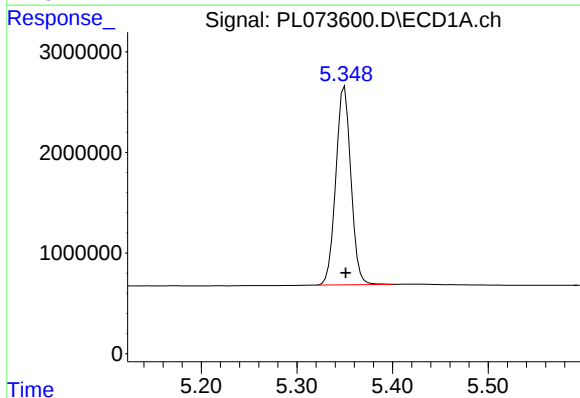
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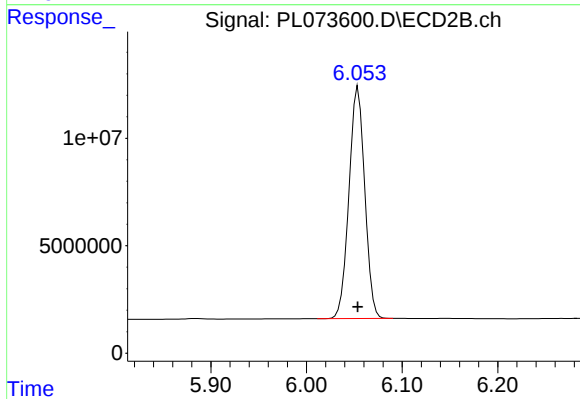
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 34726979
Conc: 21.16 ng/ml



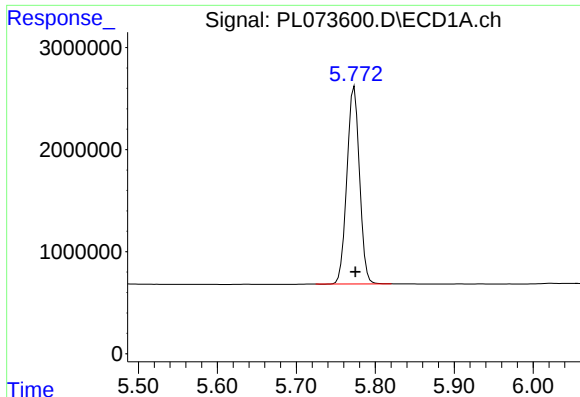
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.001 min
Response: 21583797
Conc: 52.36 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 124299371
Conc: 55.25 ng/ml



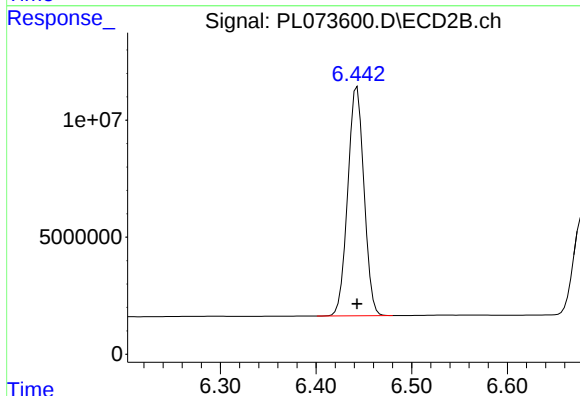
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 21513623
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143534BS

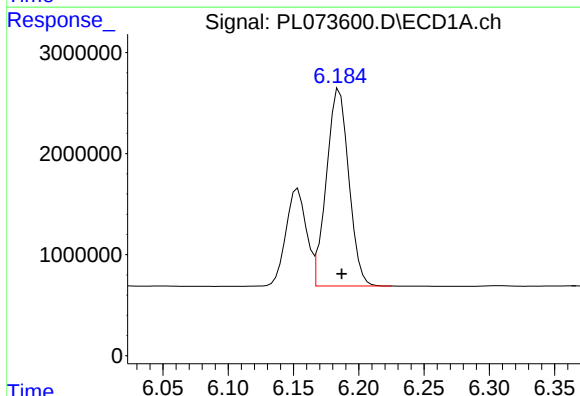
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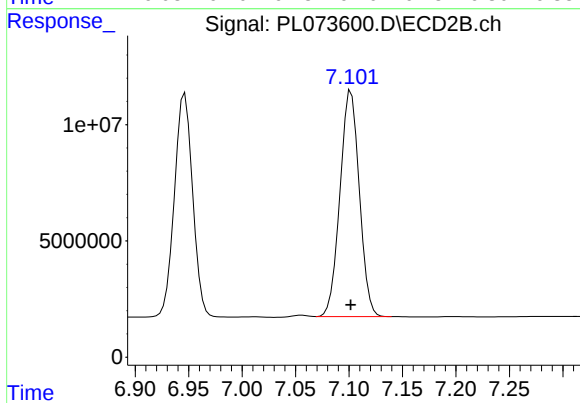
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 116039056
Conc: 54.35 ng/ml



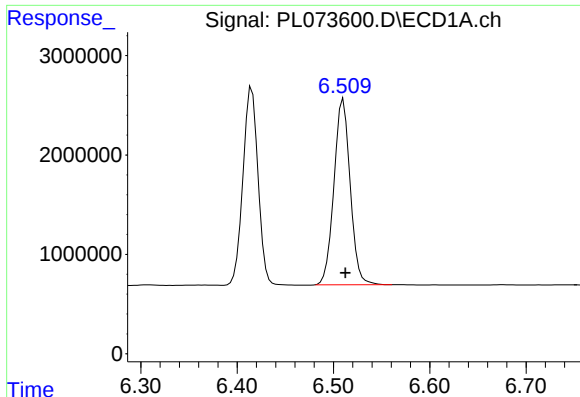
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 23281268
Conc: 51.60 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 122565956
Conc: 52.31 ng/ml



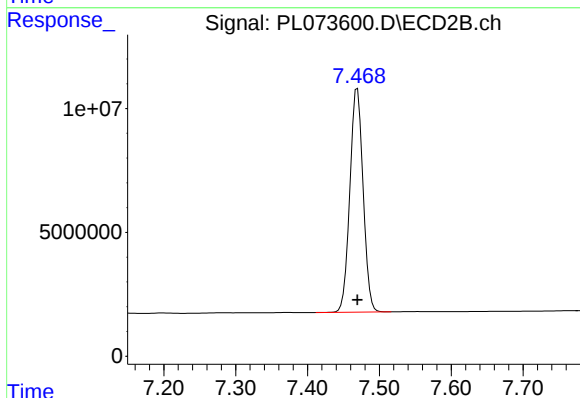
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 21954333
Conc: 53.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143534BS

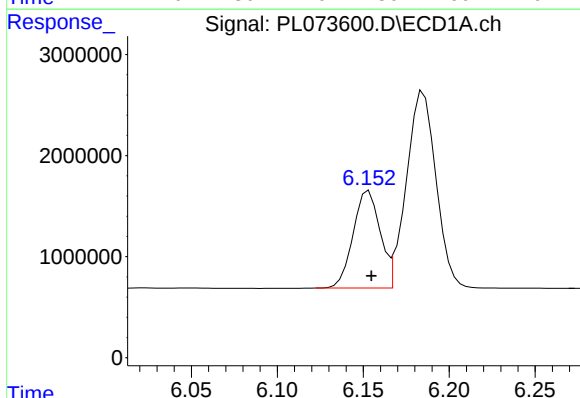
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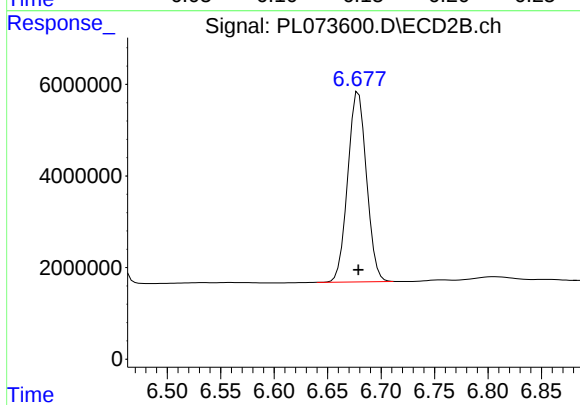
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 115347024
Conc: 55.06 ng/ml



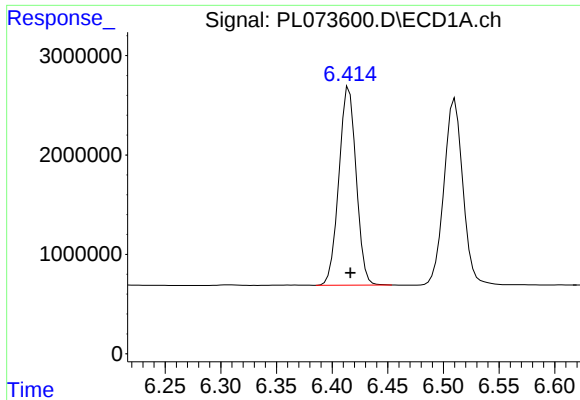
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 10478605
Conc: 50.89 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 50727182
Conc: 48.67 ng/ml



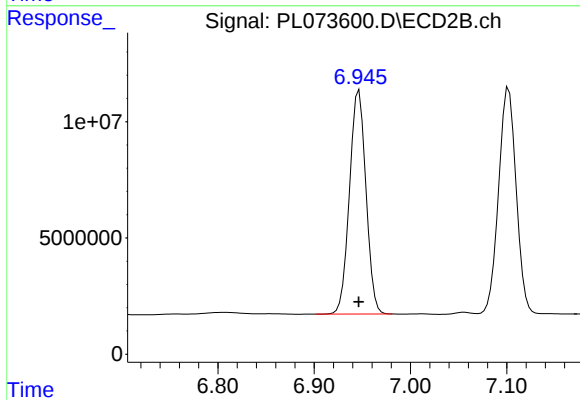
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 21518331
Conc: 53.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143534BS

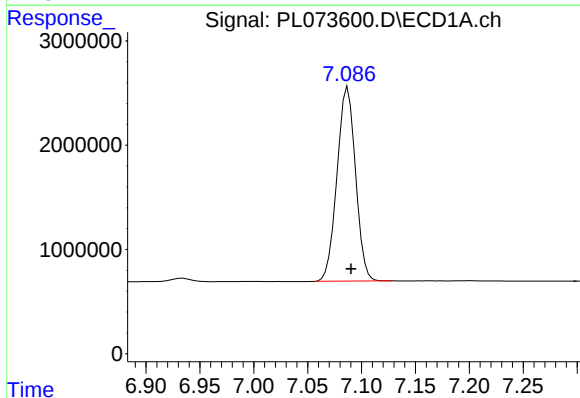
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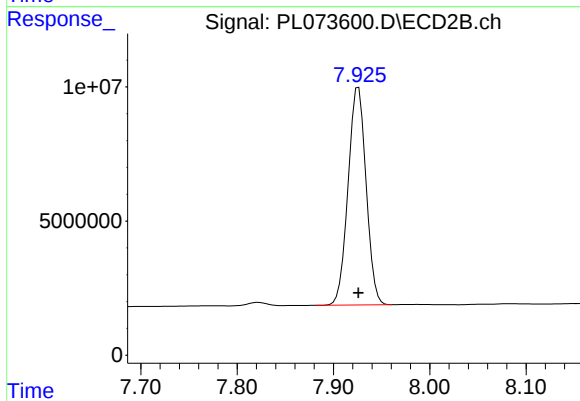
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 113995497
Conc: 52.93 ng/ml



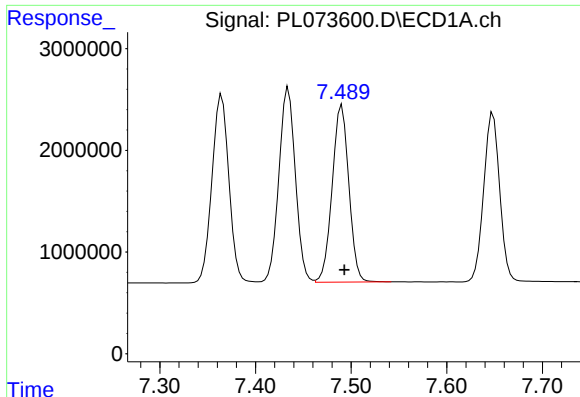
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 22253897
Conc: 51.64 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 105227806
Conc: 52.68 ng/ml



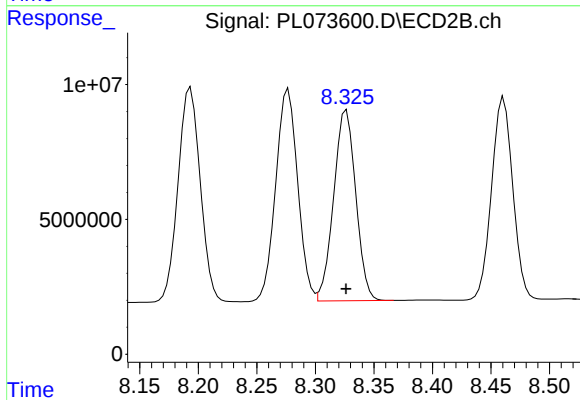
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 21030041
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143534BS

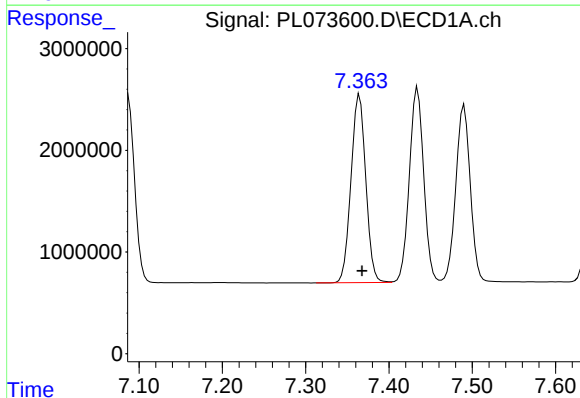
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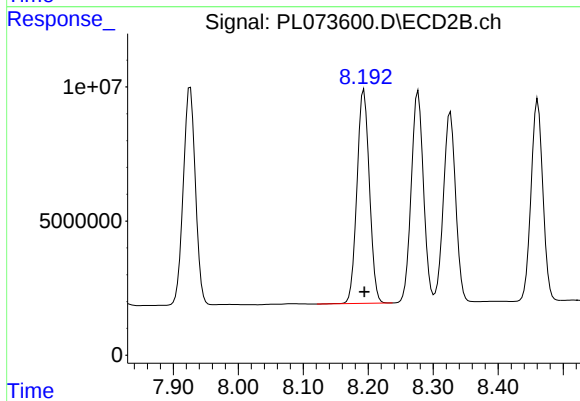
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 92957126
Conc: 50.92 ng/ml



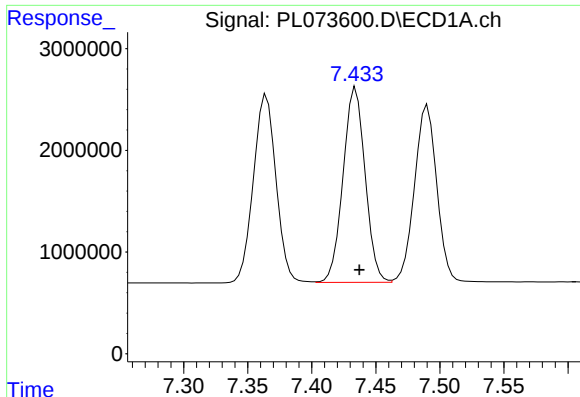
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 22757412
Conc: 52.04 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 105464310
Conc: 51.64 ng/ml



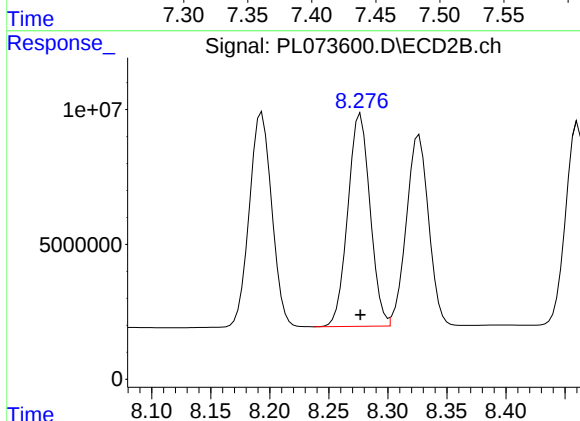
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.003 min
Response: 22971106
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143534BS

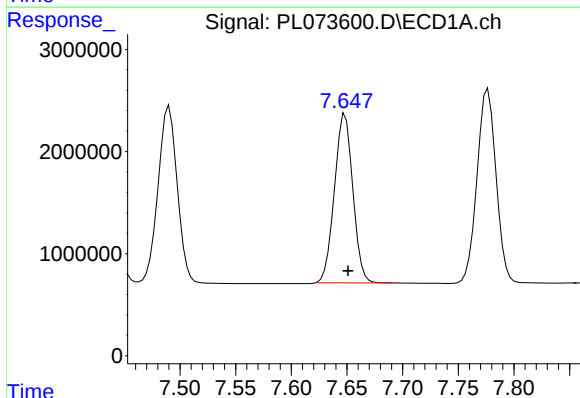
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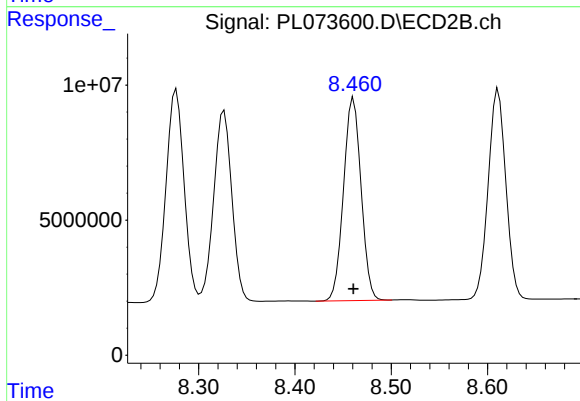
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 103253839
Conc: 51.63 ng/ml



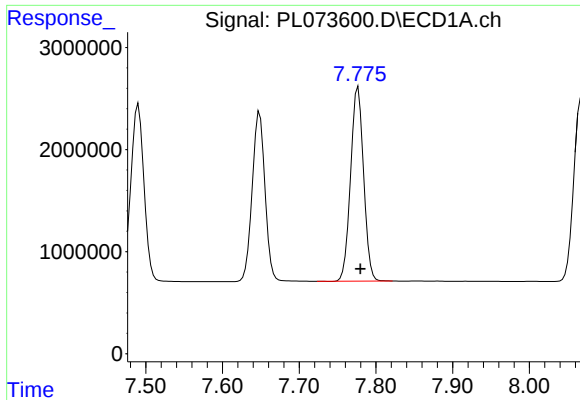
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 19038395
Conc: 53.06 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 94730917
Conc: 52.85 ng/ml



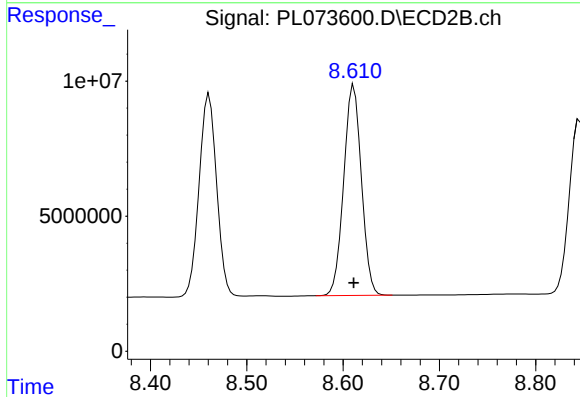
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 22575588
Conc: 54.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143534BS

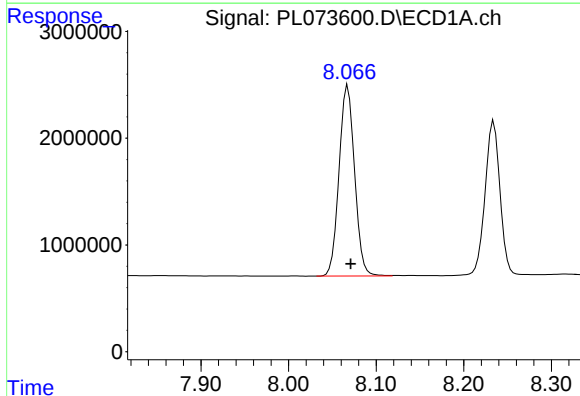
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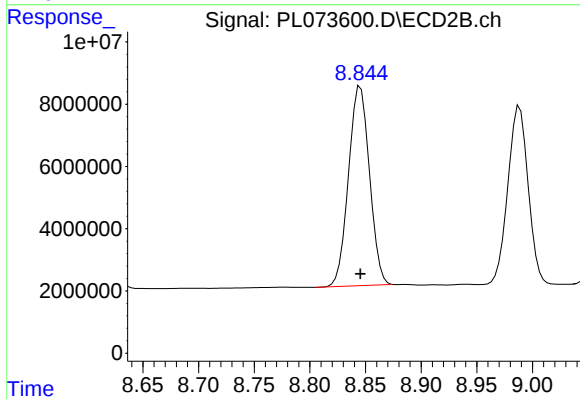
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 99129041
Conc: 53.74 ng/ml



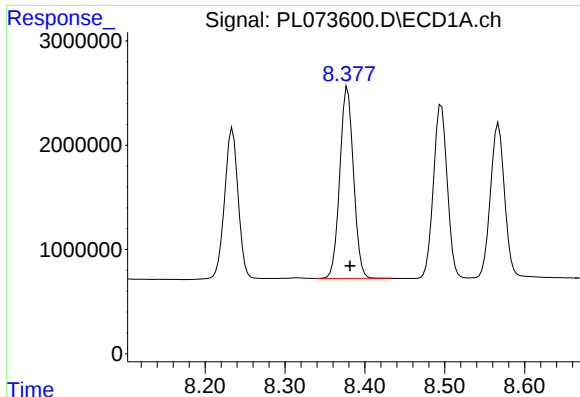
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 22006097
Conc: 56.72 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 84167458
Conc: 54.67 ng/ml



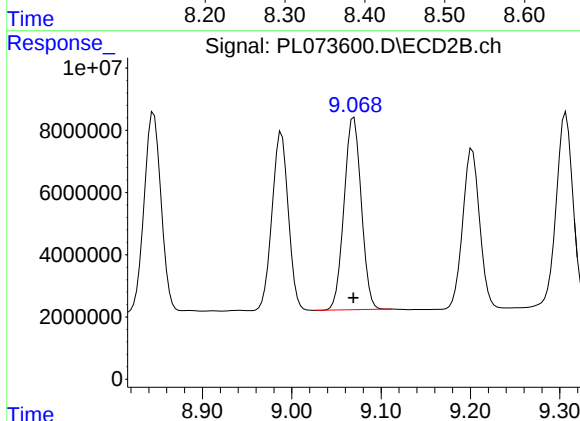
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.003 min
Response: 21912448
Conc: 56.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143534BS

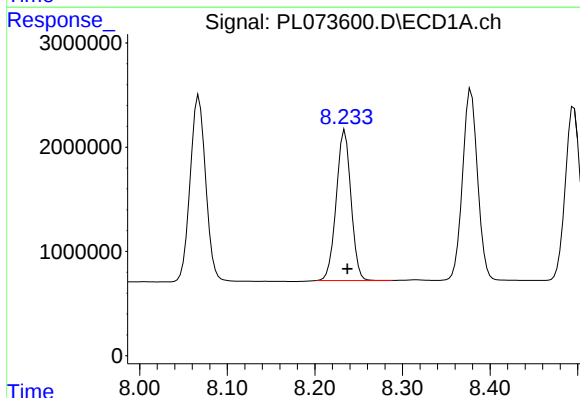
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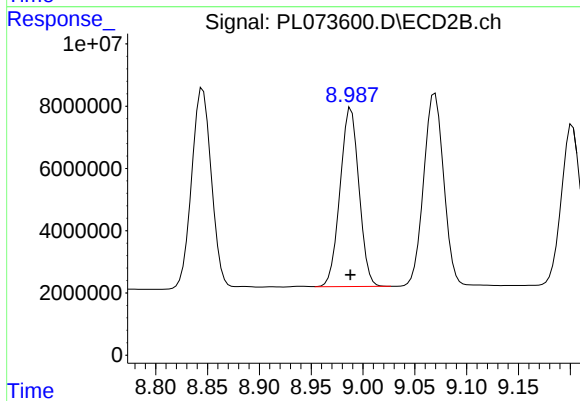
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 82727926
Conc: 53.87 ng/ml



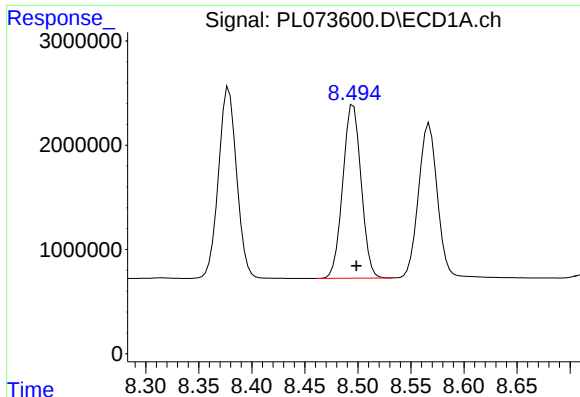
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 16897897
Conc: 52.04 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 72973074
Conc: 49.99 ng/ml



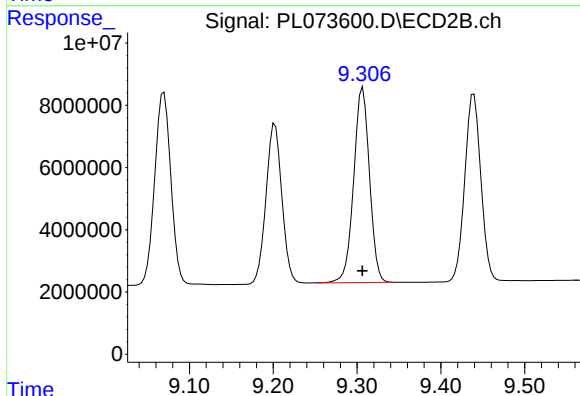
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 19970350
Conc: 52.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143534BS

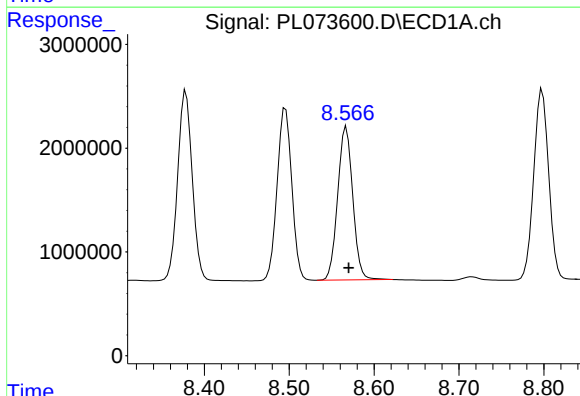
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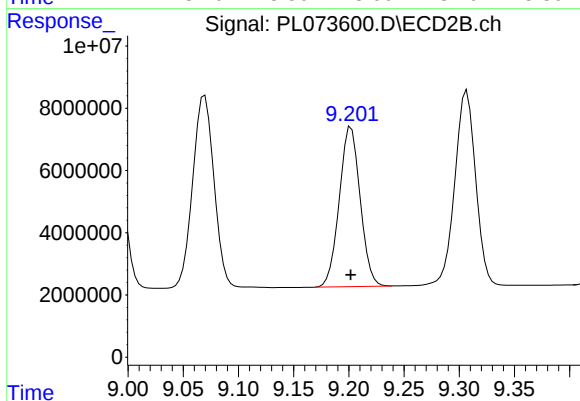
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 82175507
Conc: 50.27 ng/ml



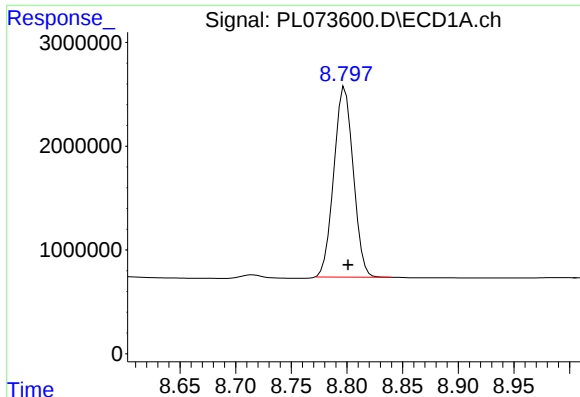
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 18201172
Conc: 57.55 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 67693858
Conc: 55.20 ng/ml m



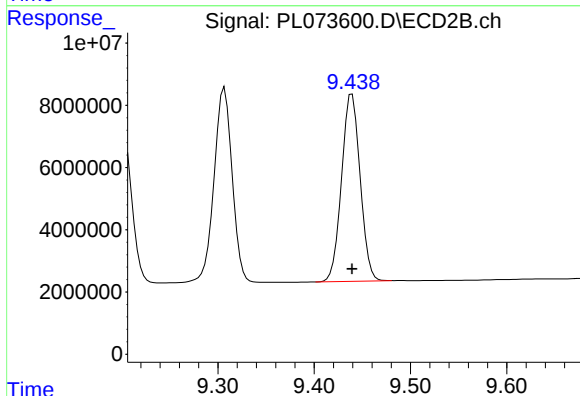
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 22263718
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143534BS

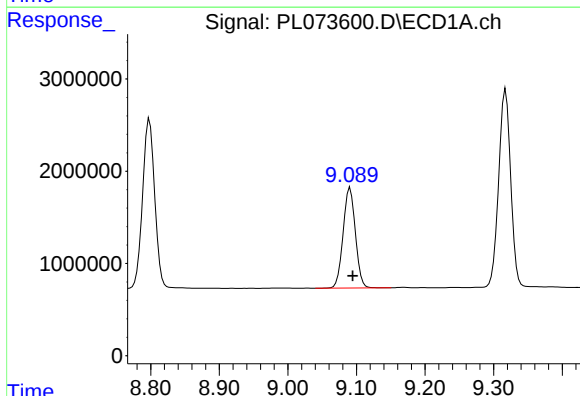
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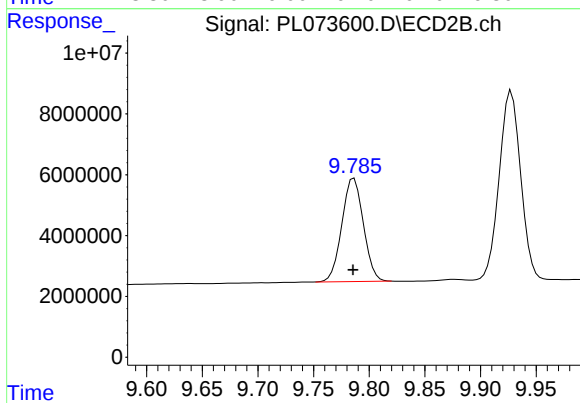
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 80490198
Conc: 51.07 ng/ml



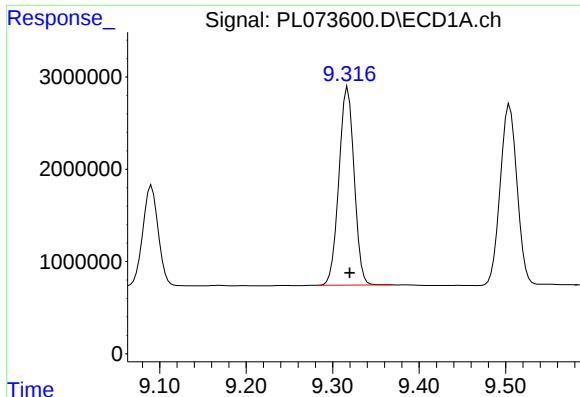
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.004 min
Response: 13509946
Conc: 52.66 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 45752336
Conc: 50.78 ng/ml



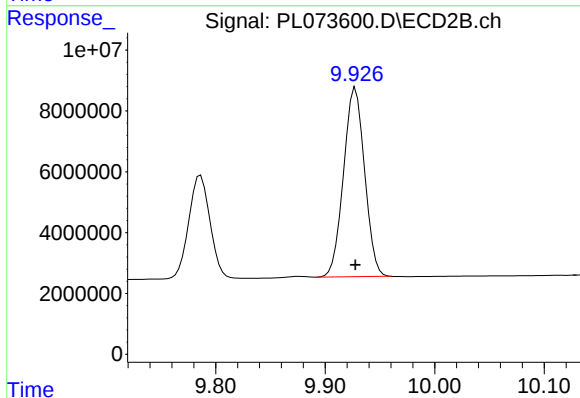
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 26083430
Conc: 53.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143534BS

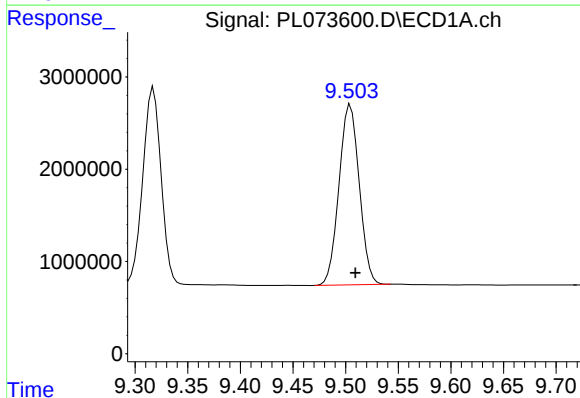
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2022
Supervised By :mohammad ahmed 03/25/2022



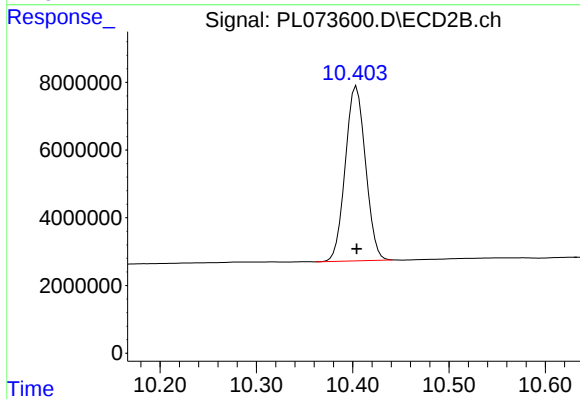
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 83214792
Conc: 50.42 ng/ml



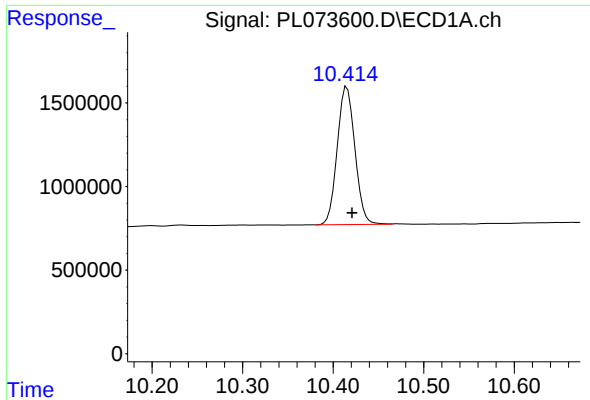
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.005 min
Response: 26258516
Conc: 55.68 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.000 min
Response: 75122664
Conc: 55.30 ng/ml



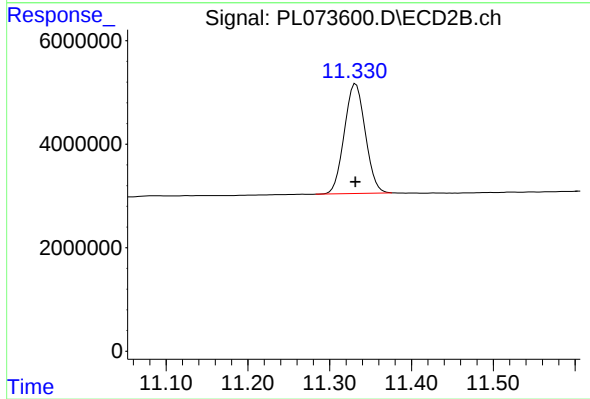
#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.006 min
Response: 11197700
Conc: 22.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143534BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 37667828
Conc: 21.06 ng/ml