

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032222\
 Data File : PL073565.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2022 13:05
 Operator : AR\AJ
 Sample : PB143350BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143350BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/23/2022
 Supervised By : mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 01:41:53 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...	4.643	5.491	6559278	35990783	20.479	21.929
28)	SA Decachlor...	10.417	11.332	11271104	38805246	22.165	21.701
Target Compounds							
2)	A alpha-BHC	5.351	6.053	21261711	129.7E6	51.581	57.656
3)	MA gamma-BHC...	5.775	6.443	21219177	121.1E6	50.869	56.727
4)	MA Heptachlor	6.186	7.101	22289157	127.5E6	49.400	54.405
5)	MB Aldrin	6.512	7.470	21774978	125.8E6	52.702	60.067
6)	B beta-BHC	6.155	6.679	10214606	52970433	49.611	50.817
7)	B delta-BHC	6.417	6.947	21008460	119.9E6	52.306	55.689
8)	B Heptachlo...	7.089	7.926	21918820	112.7E6	50.858	56.427
9)	A Endosulfan I	7.492	8.326	20714099	100.1E6	50.495	54.812
10)	B gamma-Chl...	7.366	8.194	22419396	114.9E6	51.267	56.263
11)	B alpha-Chl...	7.435	8.277	22590568	111.2E6	51.118	55.617
12)	B 4,4'-DDE	7.650	8.461	18668144	101.8E6	52.024	56.816
13)	MA Dieldrin	7.779	8.611	22066966	106.4E6	52.966	57.688
14)	MA Endrin	8.069	8.846	19290677	80541454	49.718	52.319
15)	B Endosulfa...	8.379	9.069	21509655	89080318	55.029	58.001
16)	A 4,4'-DDD	8.235	8.988	17535677	83487847	53.999	57.195
17)	MA 4,4'-DDT	8.496	9.306	17206728	77828284	45.498	47.615
18)	B Endrin al...	8.568	9.201	18130947	73640361	57.331	60.050m
19)	B Endosulfa...	8.799	9.439	21968768	85774461	52.007	54.423
20)	A Methoxychlor	9.092	9.786	11516895	41525918	44.894	46.085
21)	B Endrin ke...	9.318	9.928	27435096	93155083	56.079	56.437
22)	Mirex	9.506	10.405	26243050	80384766	55.651	59.174

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032222\
 Data File : PL073565.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2022 13:05
 Operator : AR\AJ
 Sample : PB143350BS
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 ALS Vial : 9 Sample Multiplier: 1

Instrument :

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ClientSampleId :

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Manual Integrations

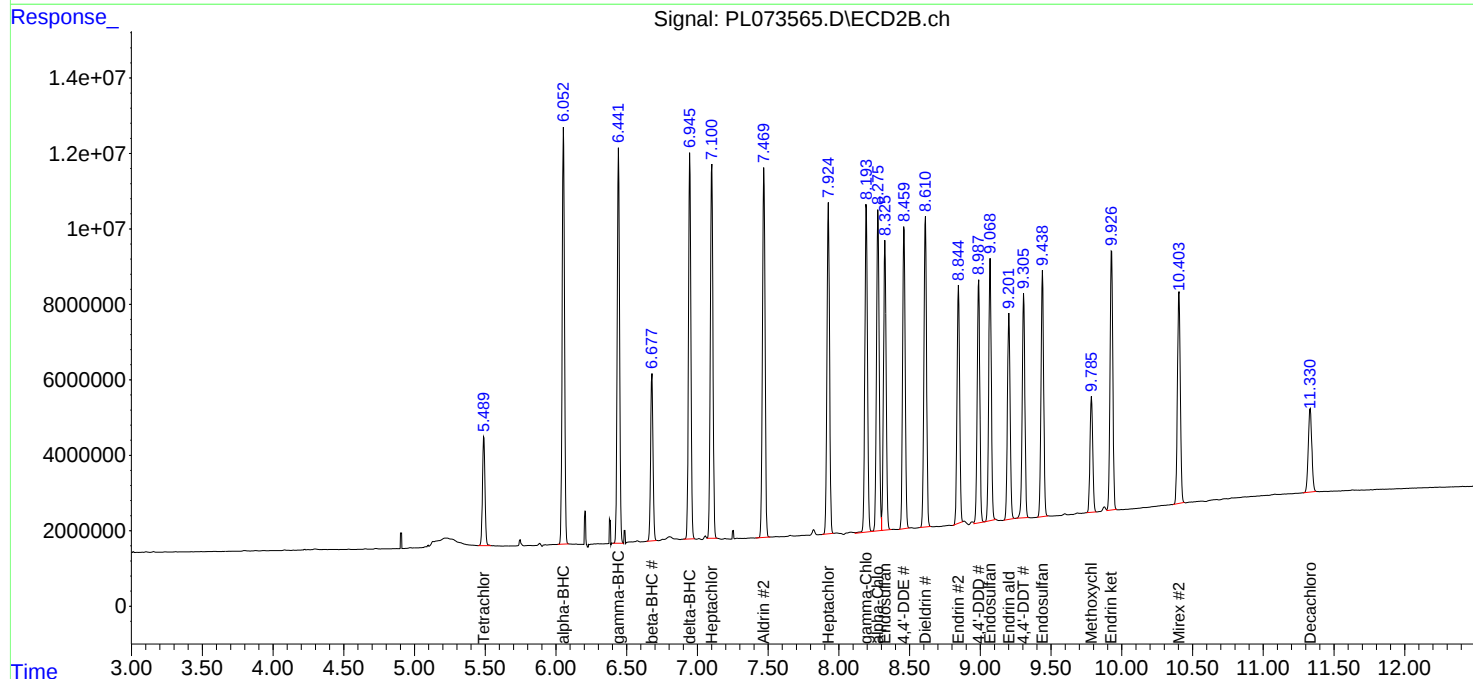
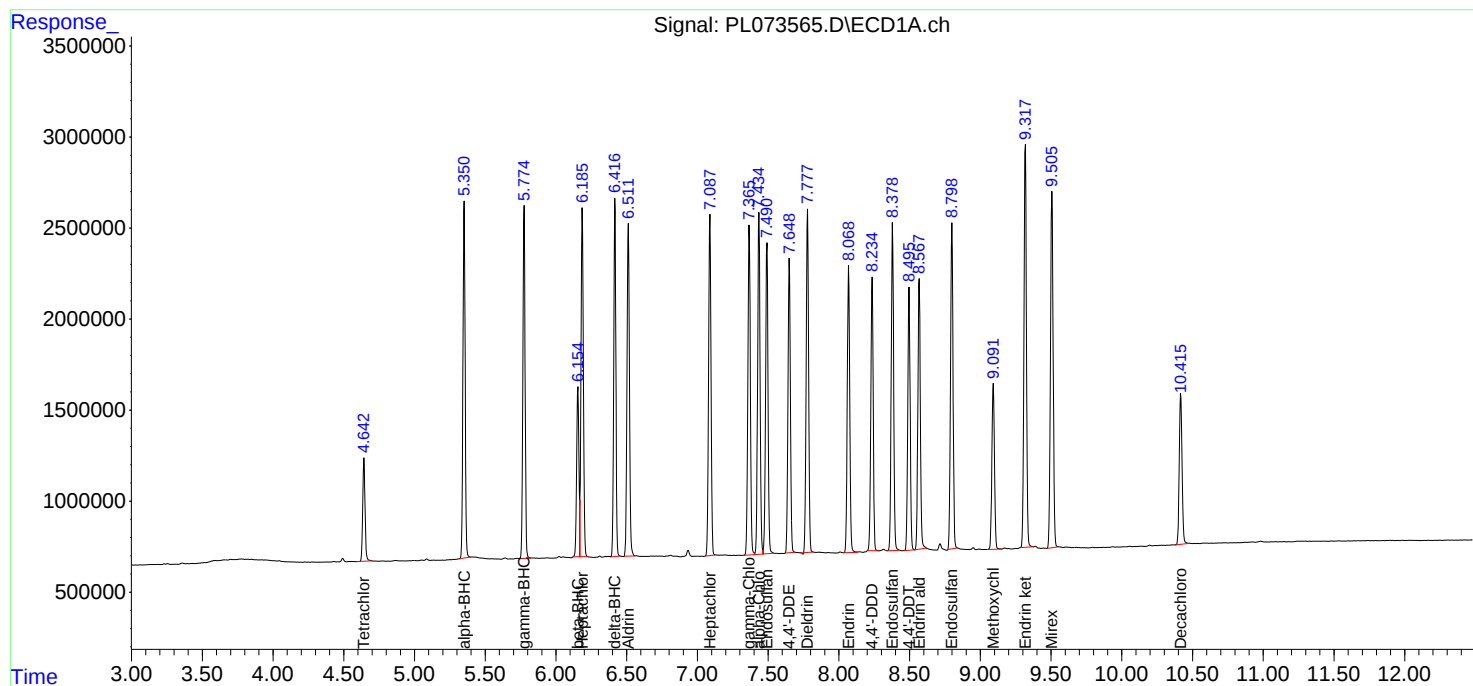
APPROVED

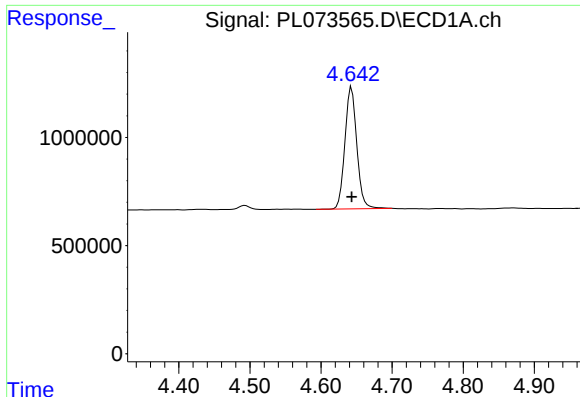
Reviewed By :Abdul Mirza 03/23/2022

Supervised By :mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 01:41:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





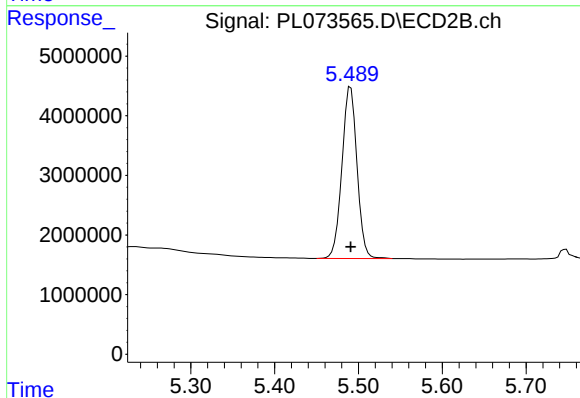
#1 Tetrachloro-m-xylene

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 6559278
Conc: 20.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143350BS

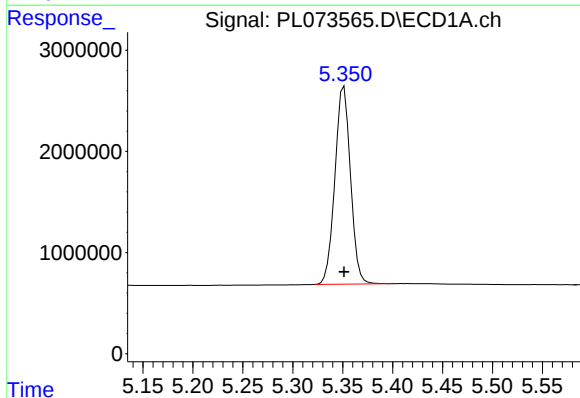
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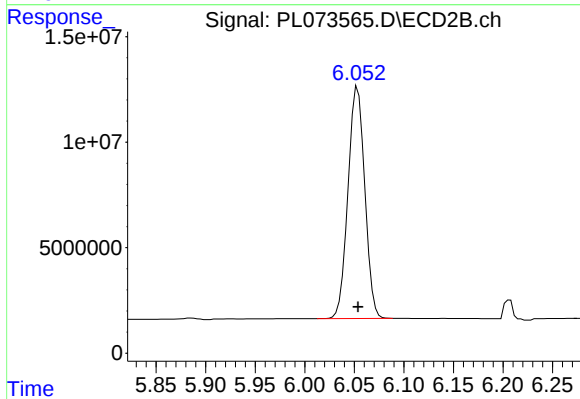
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 35990783
Conc: 21.93 ng/ml



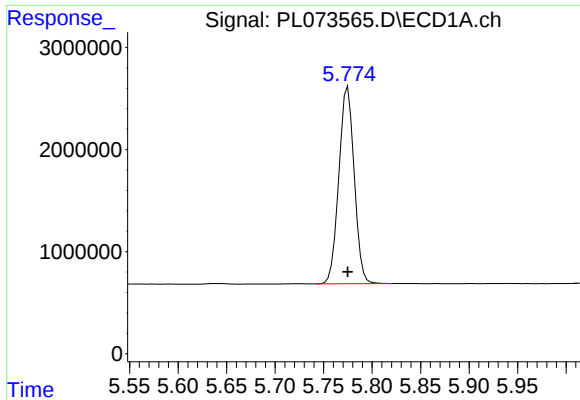
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 21261711
Conc: 51.58 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 129705607
Conc: 57.66 ng/ml



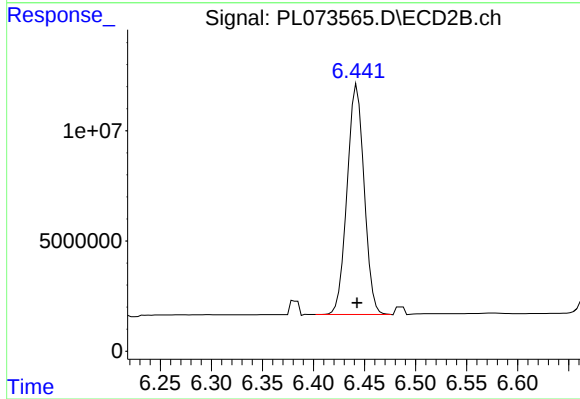
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 21219177
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143350BS

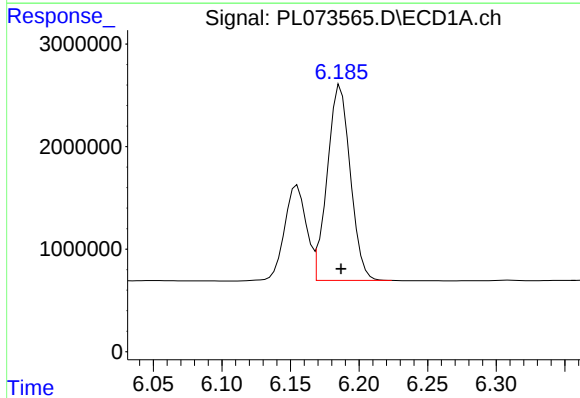
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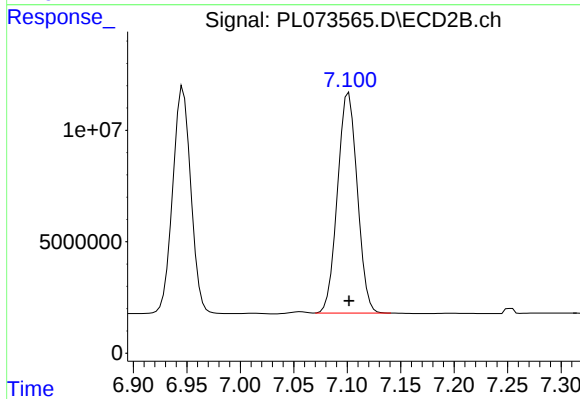
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 121117338
Conc: 56.73 ng/ml



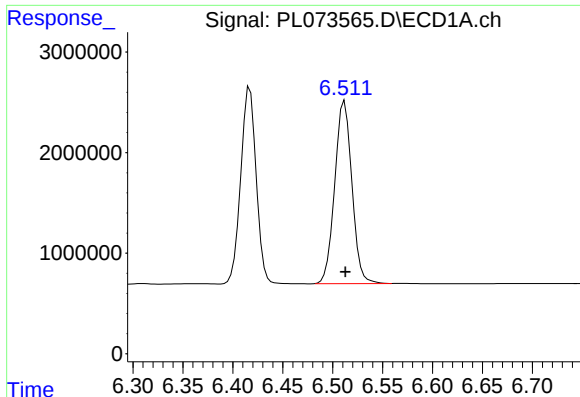
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 22289157
Conc: 49.40 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 127475817
Conc: 54.40 ng/ml



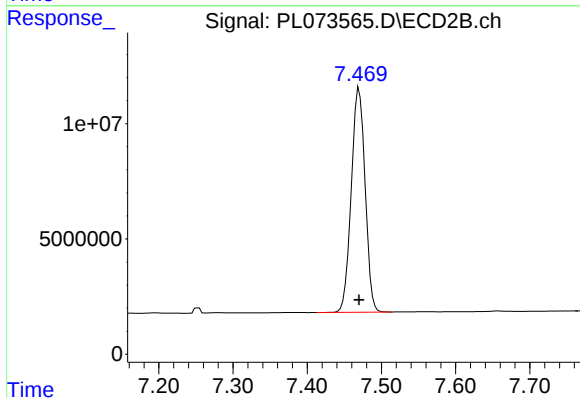
#5 Aldrin

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 21774978
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143350BS

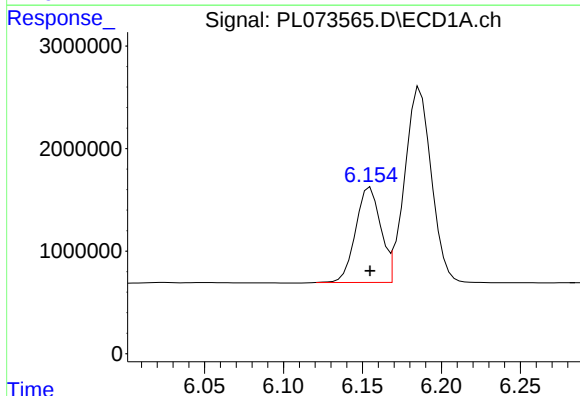
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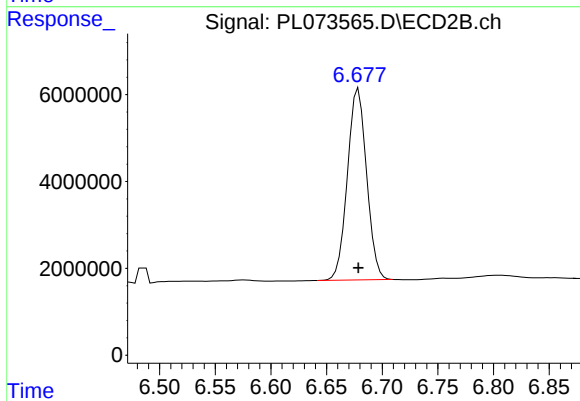
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 125838569
Conc: 60.07 ng/ml



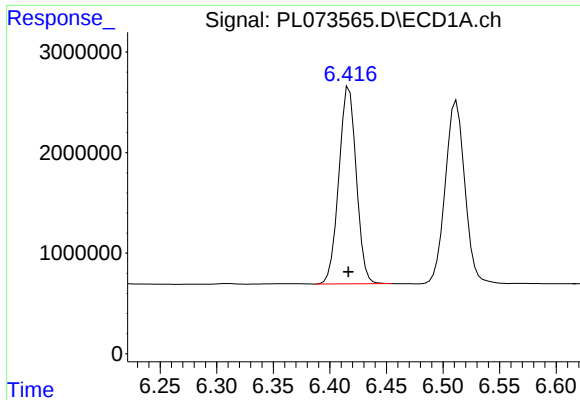
#6 beta-BHC

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 10214606
Conc: 49.61 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 52970433
Conc: 50.82 ng/ml



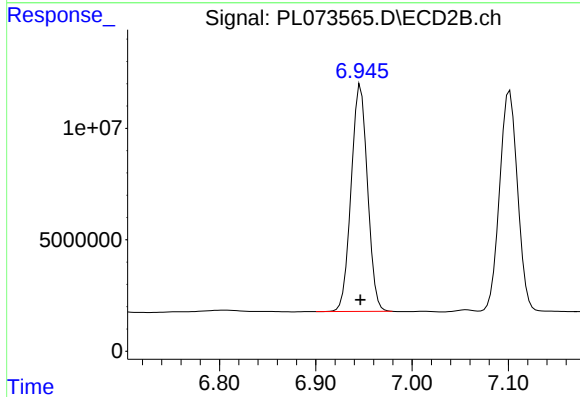
#7 delta-BHC

R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 21008460
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143350BS

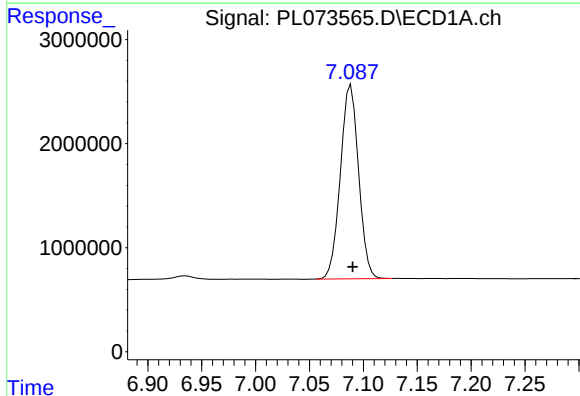
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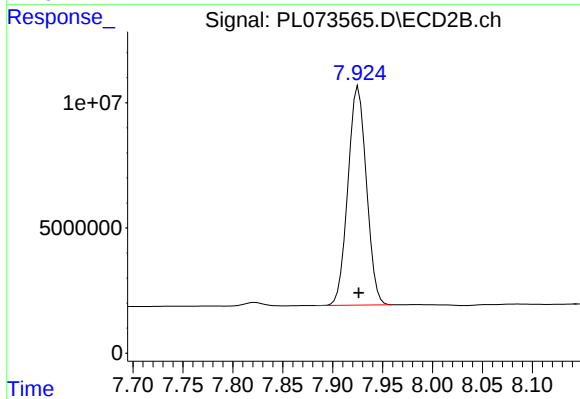
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 119928667
Conc: 55.69 ng/ml



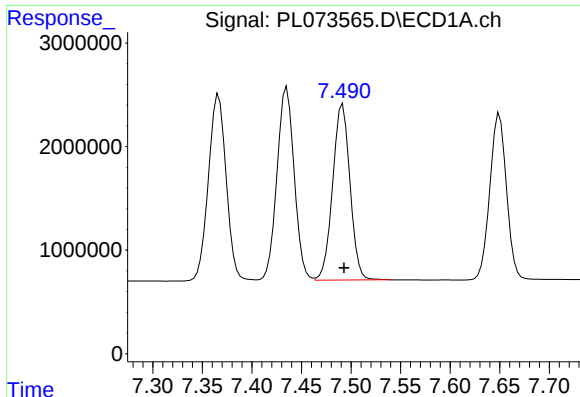
#8 Heptachlor epoxide

R.T.: 7.089 min
Delta R.T.: -0.002 min
Response: 21918820
Conc: 50.86 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 112703201
Conc: 56.43 ng/ml



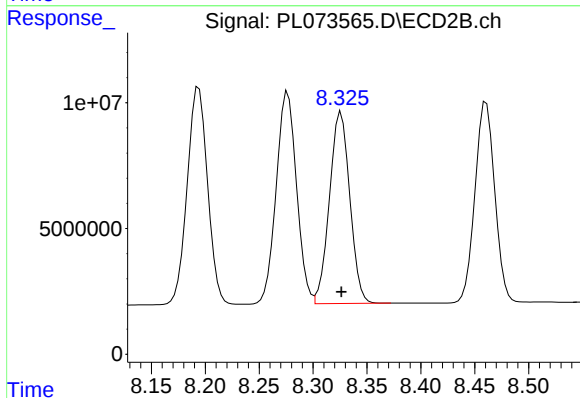
#9 Endosulfan I

R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 20714099
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143350BS

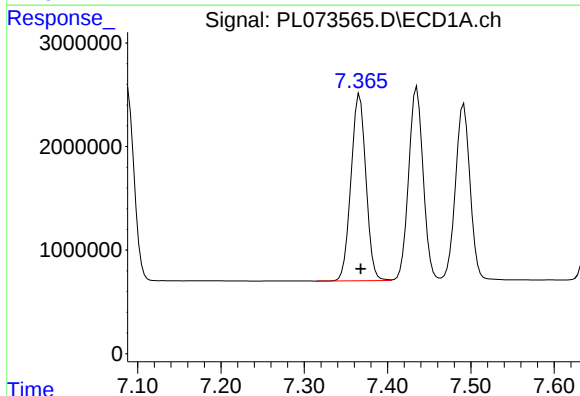
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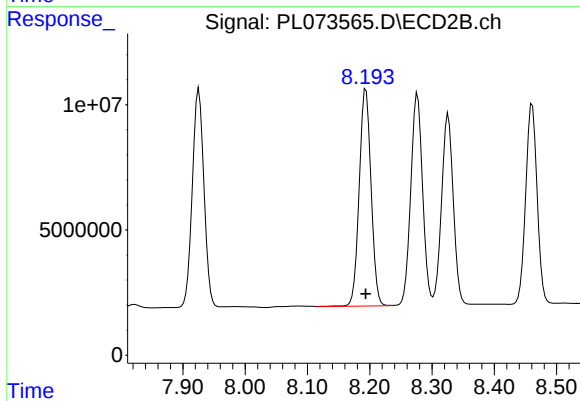
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 100053280
Conc: 54.81 ng/ml



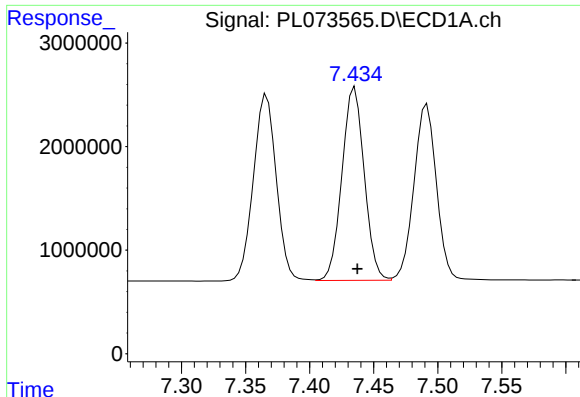
#10 gamma-Chlordane

R.T.: 7.366 min
Delta R.T.: -0.001 min
Response: 22419396
Conc: 51.27 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 114912427
Conc: 56.26 ng/ml



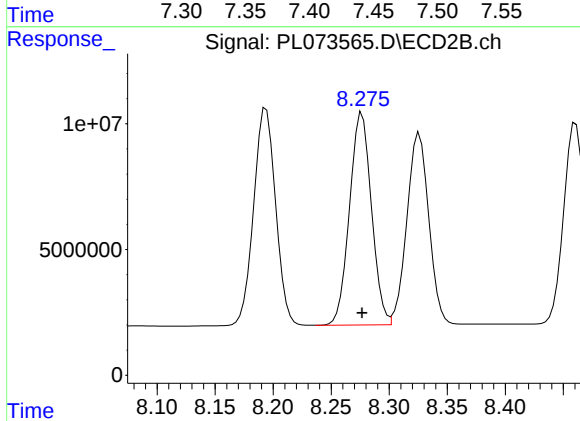
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 22590568
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143350BS

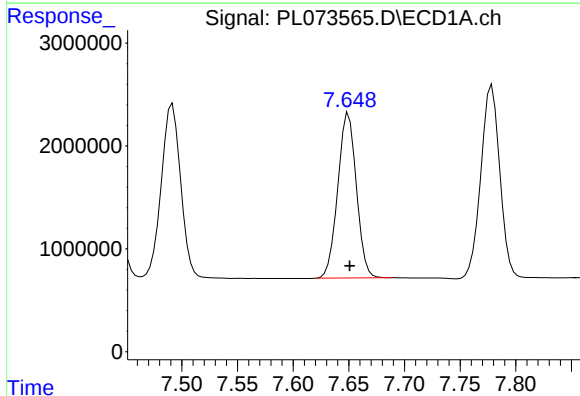
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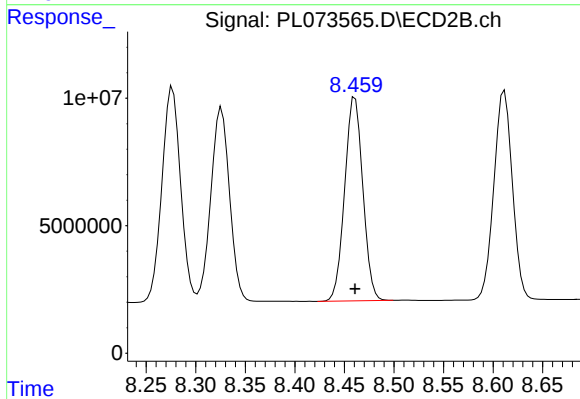
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 111235236
Conc: 55.62 ng/ml



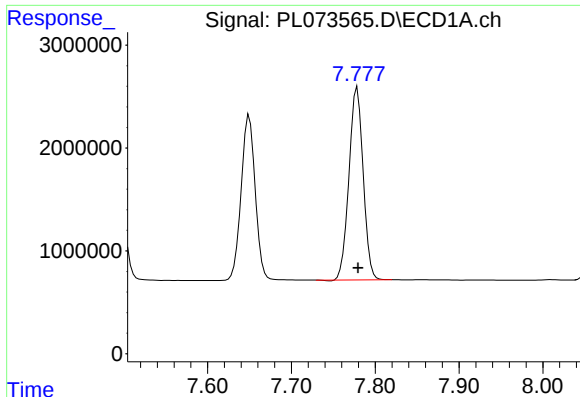
#12 4,4'-DDE

R.T.: 7.650 min
Delta R.T.: -0.001 min
Response: 18668144
Conc: 52.02 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 101835139
Conc: 56.82 ng/ml



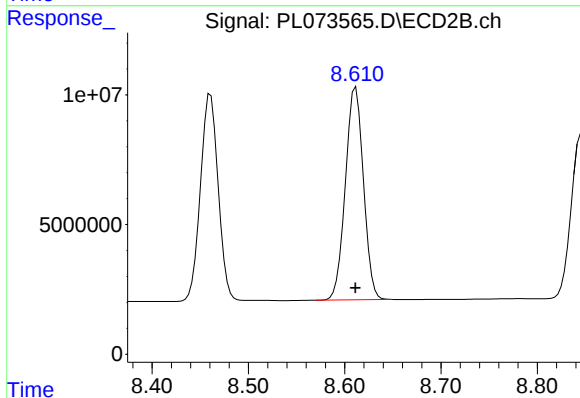
#13 Dieldrin

R.T.: 7.779 min
Delta R.T.: -0.001 min
Response: 22066966
Conc: 52.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143350BS

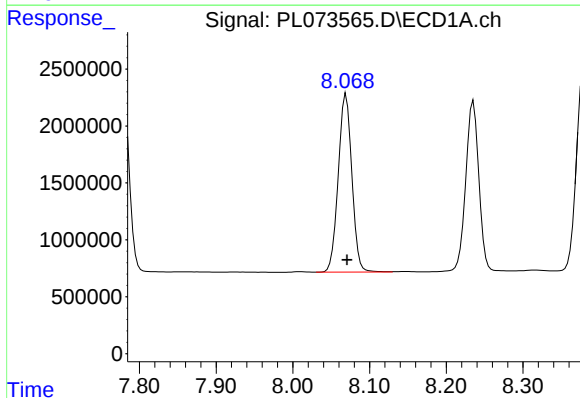
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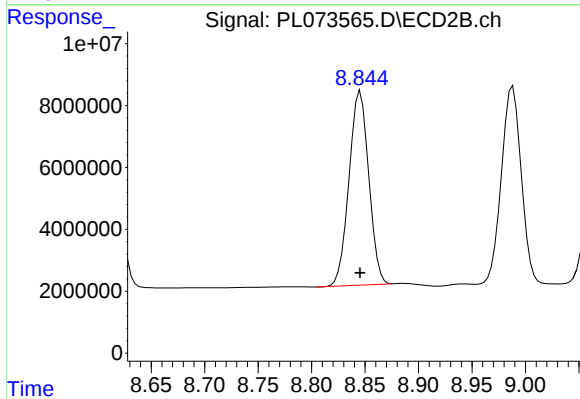
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 106419184
Conc: 57.69 ng/ml



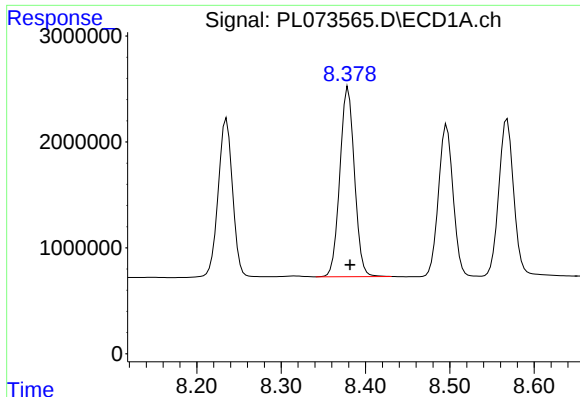
#14 Endrin

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 19290677
Conc: 49.72 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 80541454
Conc: 52.32 ng/ml



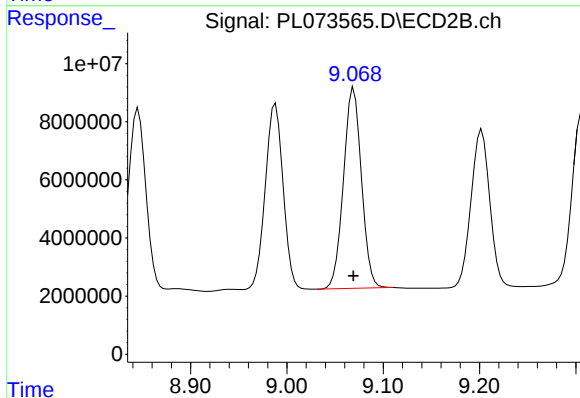
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 21509655
Conc: 55.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143350BS

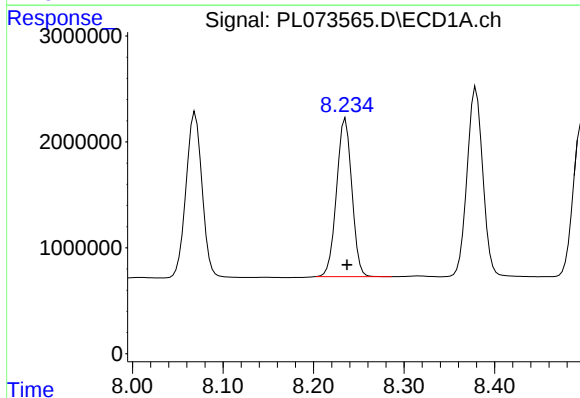
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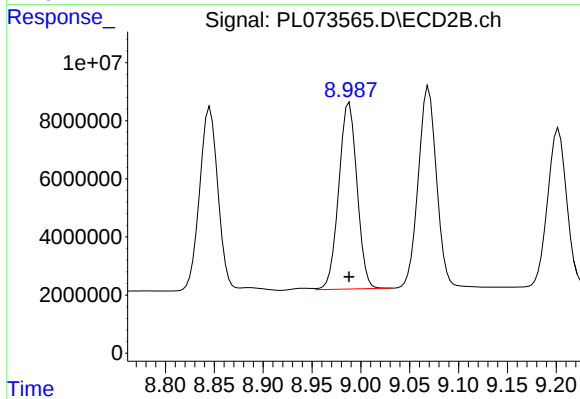
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 89080318
Conc: 58.00 ng/ml



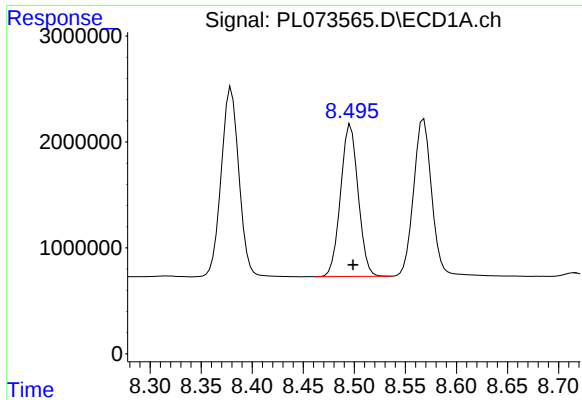
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 17535677
Conc: 54.00 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 83487847
Conc: 57.19 ng/ml



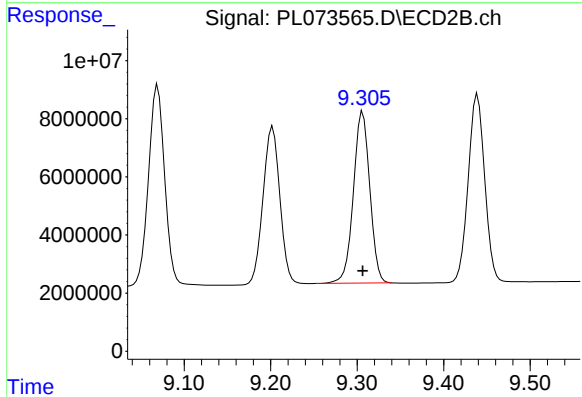
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 17206728
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143350BS

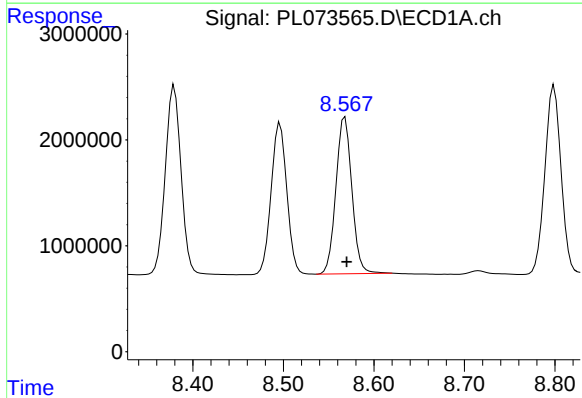
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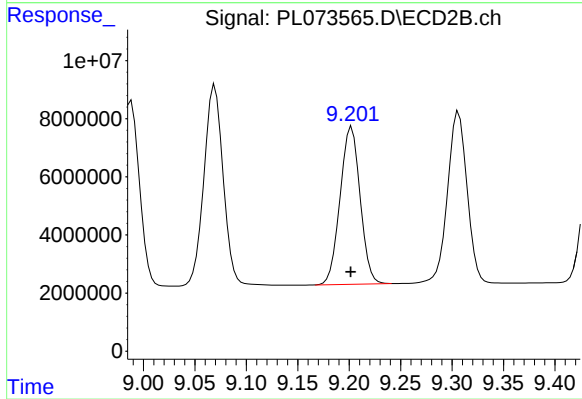
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 77828284
Conc: 47.62 ng/ml



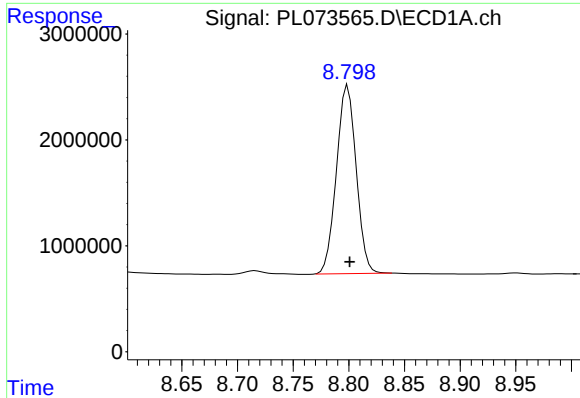
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 18130947
Conc: 57.33 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 73640361
Conc: 60.05 ng/ml m



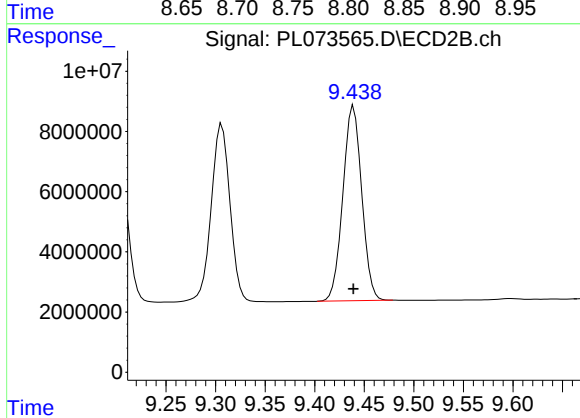
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 21968768
Conc: 52.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143350BS

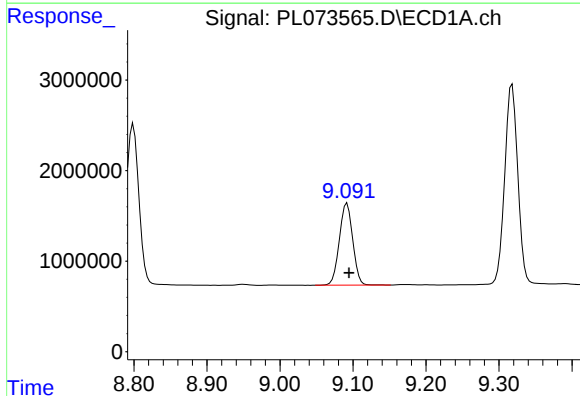
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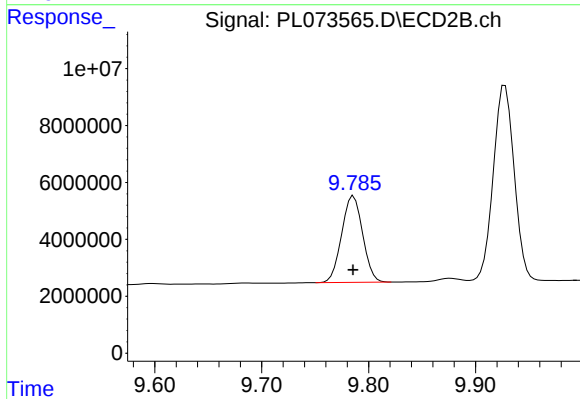
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 85774461
Conc: 54.42 ng/ml



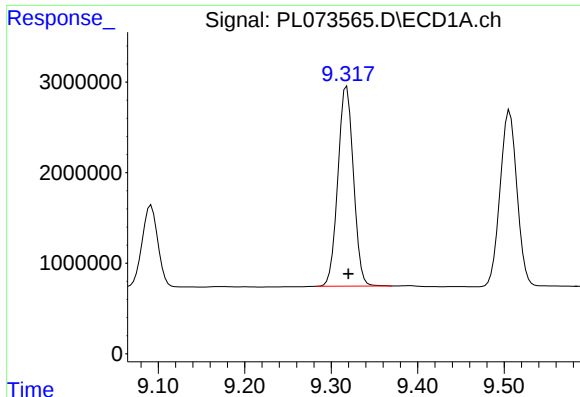
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 11516895
Conc: 44.89 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 41525918
Conc: 46.08 ng/ml



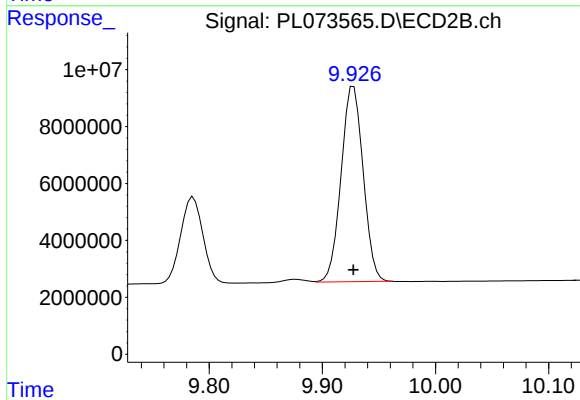
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 27435096
Conc: 56.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143350BS

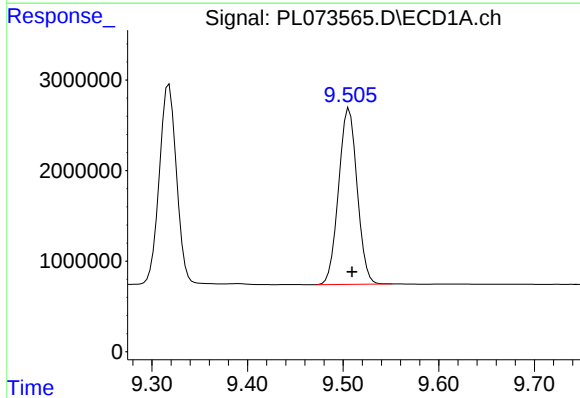
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/23/2022
Supervised By :mohammad ahmed 03/23/2022



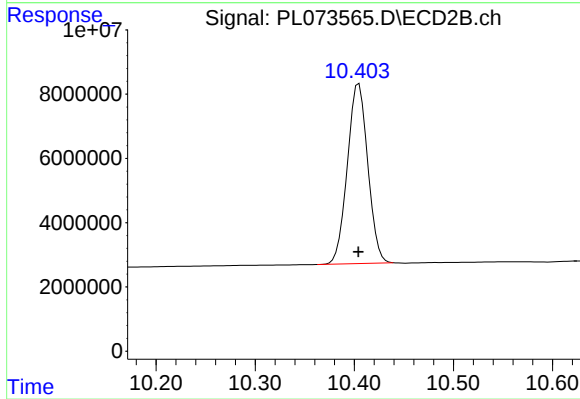
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 93155083
Conc: 56.44 ng/ml



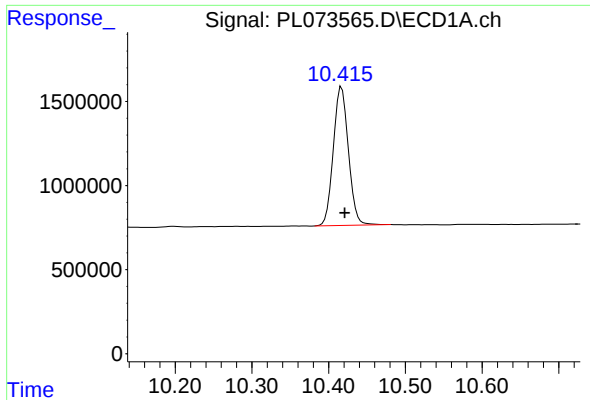
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 26243050
Conc: 55.65 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 80384766
Conc: 59.17 ng/ml



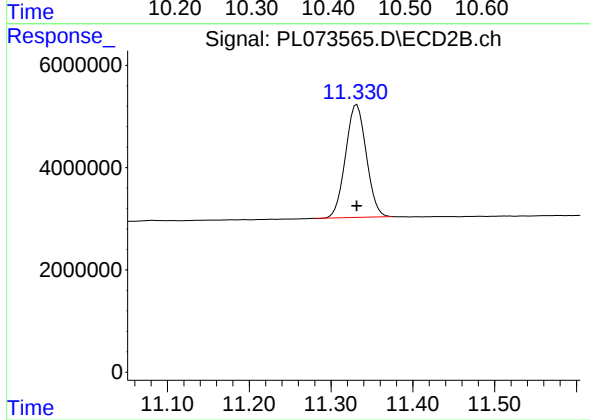
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 11271104
Conc: 22.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143350BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 38805246
Conc: 21.70 ng/ml