

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051222\
 Data File : PL074655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2022 09:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2022
 Supervised By : mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 14:47:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 16:19:10 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...	5.648	4.654	27035660	66058082	53.247	48.129
28)	SA Decachlor...	11.648	10.406	25242527	55638468	56.524	54.207
Target Compounds							
2)	A alpha-BHC	6.232	5.356	37749493	88006482	55.177	52.295
3)	MA gamma-BHC...	6.630	5.777	35805289	84235656	55.469	50.978
4)	MA Heptachlor	7.285	6.187	34087624	75941949	52.818	50.033
5)	MB Aldrin	7.659	6.512	33673319	76638209	54.357	51.076
6)	B beta-BHC	6.881	6.153	16433938	39277628	55.064	49.470
7)	B delta-BHC	7.151	6.415	34694897	81399735	55.331	52.056
8)	B Heptachlo...	8.127	7.085	32062937	71271807	56.375	51.209
9)	A Endosulfan I	8.535	7.487	31244038	65837335	54.196	52.622
10)	B gamma-Chl...	8.397	7.361	29826880	71519290	57.664	51.607
11)	B alpha-Chl...	8.479	7.431	33439279	70767922	51.906	52.350
12)	B 4,4'-DDE	8.665	7.643	26361653	62271087	56.945	52.920
13)	MA Dieldrin	8.826	7.773	29269480	68046436	55.687	53.415
14)	MA Endrin	9.066	8.063	22614801	54697961	54.802	51.782
15)	B Endosulfa...	9.300	8.372	24631911	57047832	56.032	50.502
16)	A 4,4'-DDD	9.206	8.226	25626711	56158459	56.681	57.006
17)	MA 4,4'-DDT	9.526	8.488	22815239	47448221	48.005	47.424
18)	B Endrin al...	9.435	8.560	19409656	41099250	53.268	51.459
19)	B Endosulfa...	9.674	8.790	25144596	57496802	55.633	52.820
20)	A Methoxychlor	10.012	9.082	12690411	29031025	51.816	49.677
21)	B Endrin ke...	10.176	9.309	29204156	61904920	56.946	55.526
22)	Mirex	10.650	9.499	22770019	51935884	56.430	53.620

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051222\
 Data File : PL074655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2022 09:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

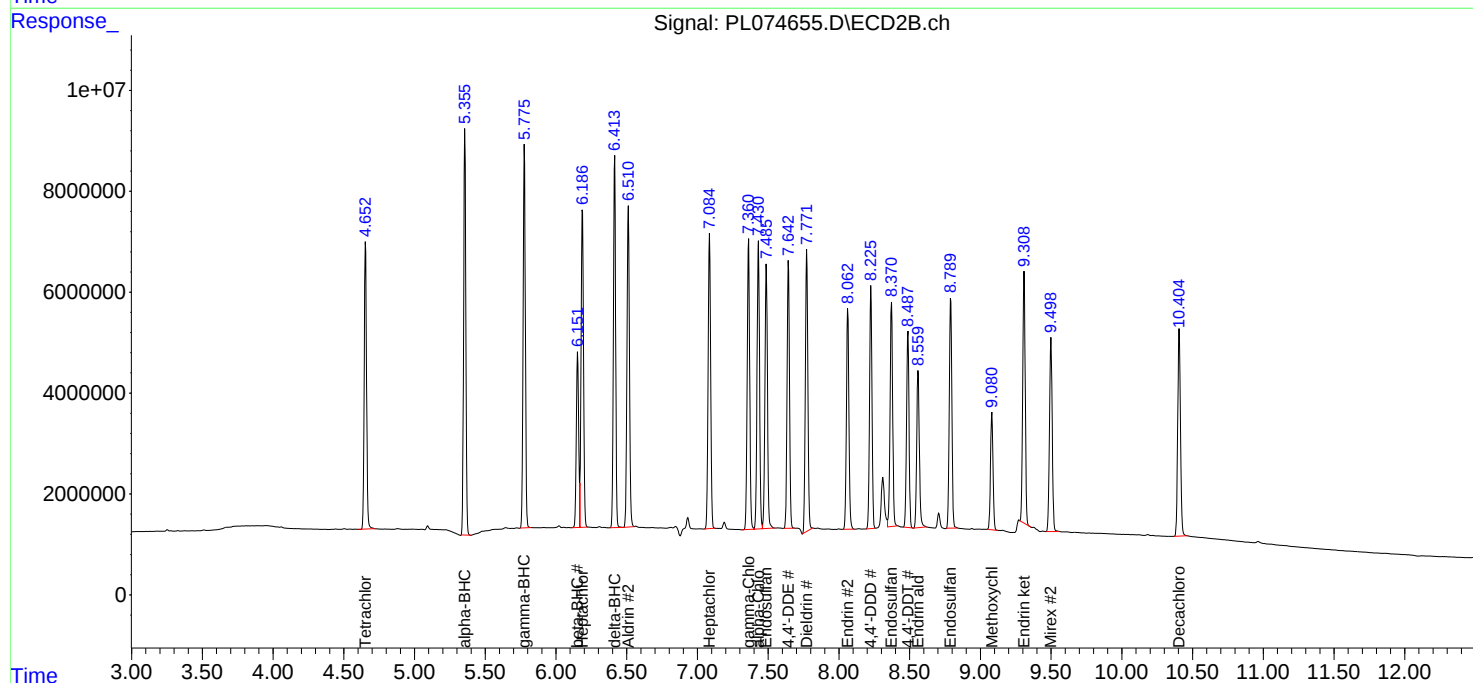
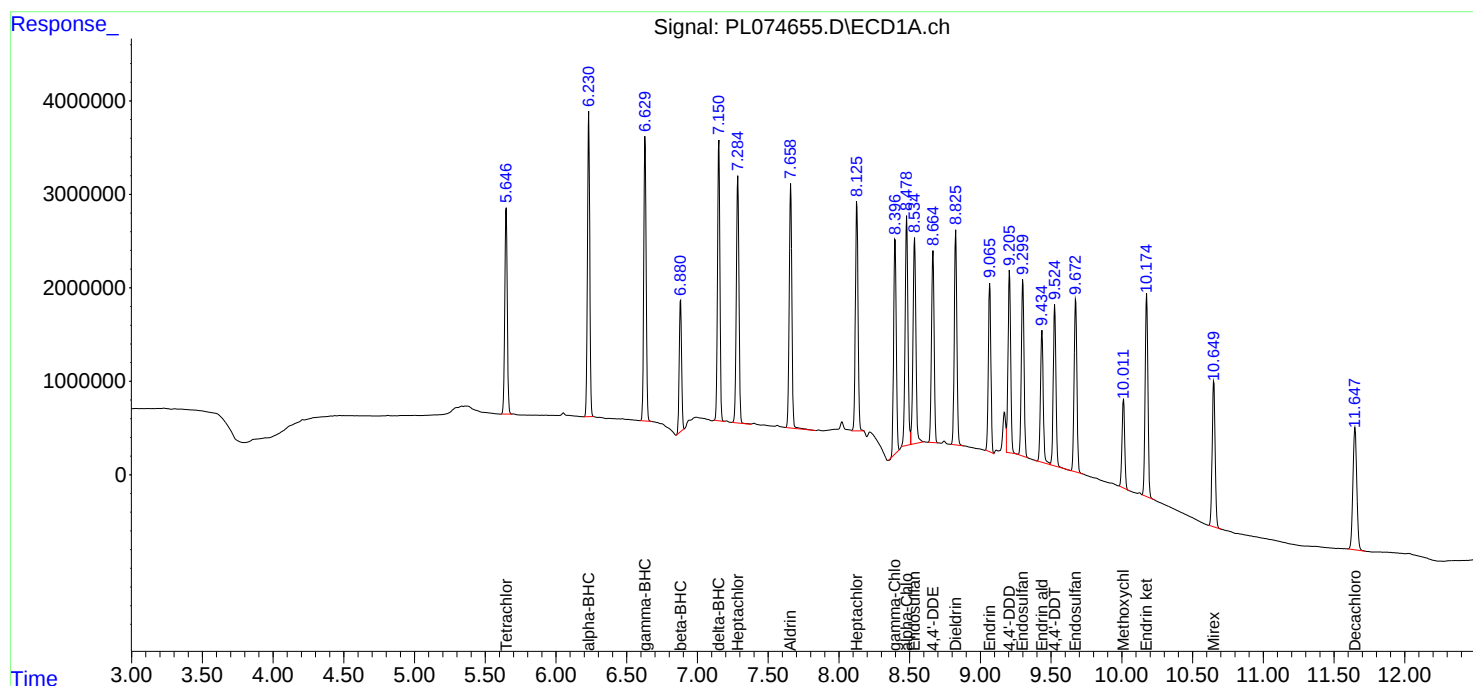
APPROVED

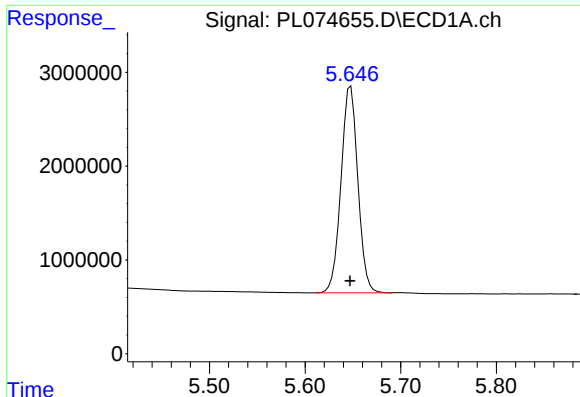
Reviewed By :Abdul Mirza 05/16/2022

Supervised By :mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 14:47:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 16:19:10 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





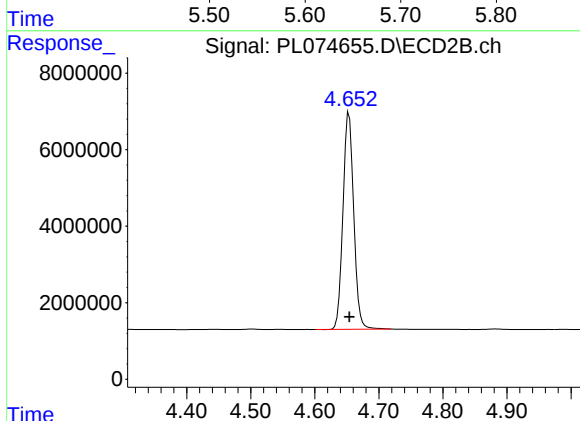
#1 Tetrachloro-m-xylene

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 27035660
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

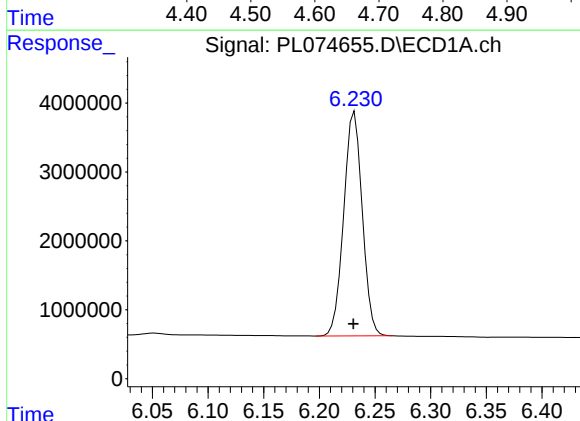
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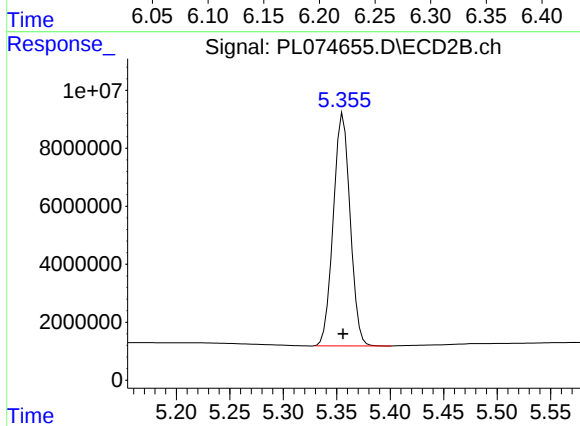
#1 Tetrachloro-m-xylene

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 66058082
Conc: 48.13 ng/ml



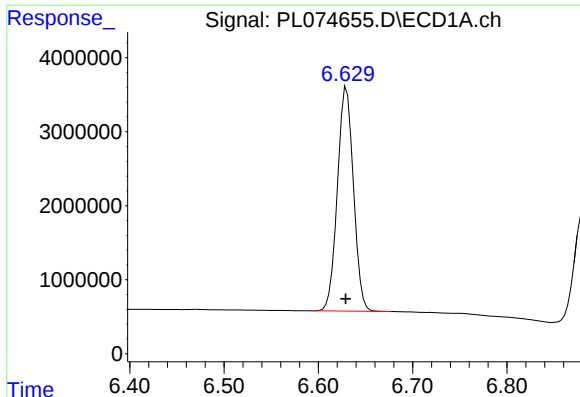
#2 alpha-BHC

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 37749493
Conc: 55.18 ng/ml



#2 alpha-BHC

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 88006482
Conc: 52.29 ng/ml



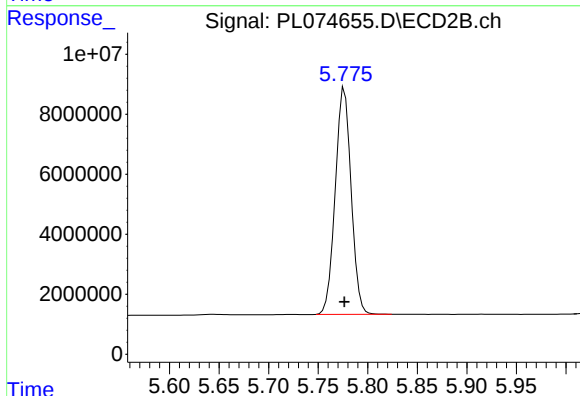
#3 gamma-BHC (Lindane)

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 35805289
Conc: 55.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

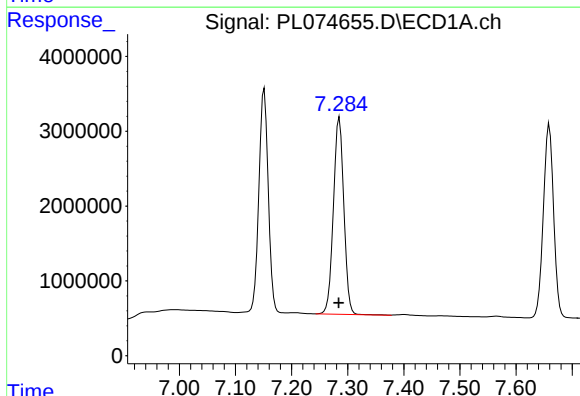
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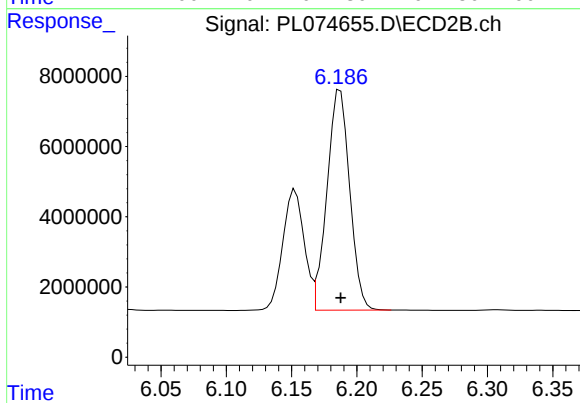
#3 gamma-BHC (Lindane)

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 84235656
Conc: 50.98 ng/ml



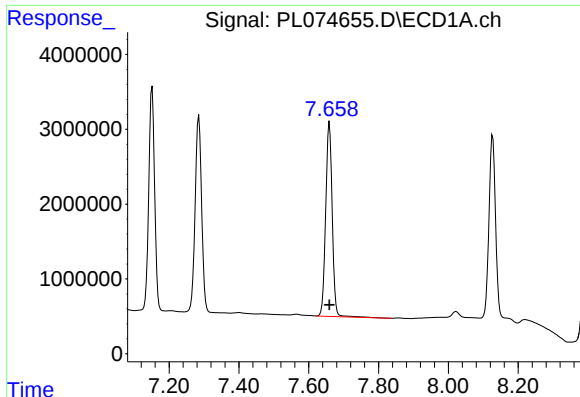
#4 Heptachlor

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 34087624
Conc: 52.82 ng/ml



#4 Heptachlor

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 75941949
Conc: 50.03 ng/ml



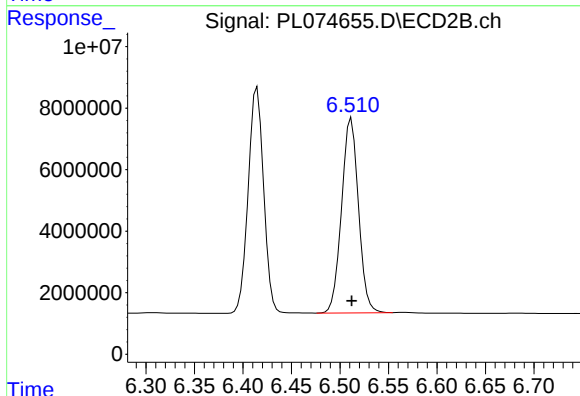
#5 Aldrin

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 33673319
Conc: 54.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

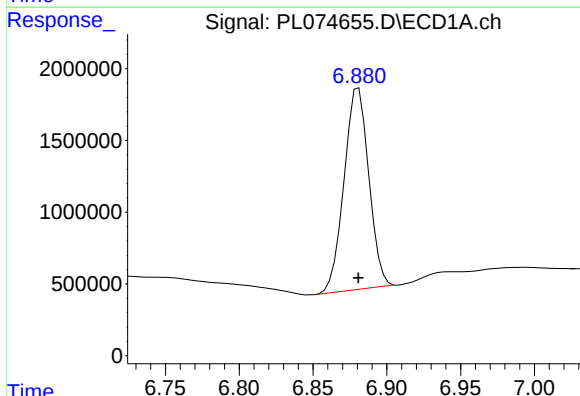
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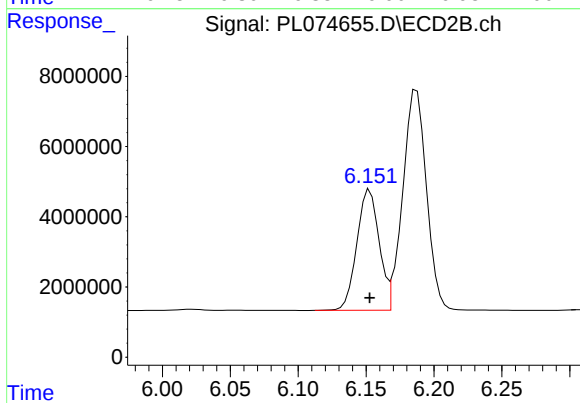
#5 Aldrin

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 76638209
Conc: 51.08 ng/ml



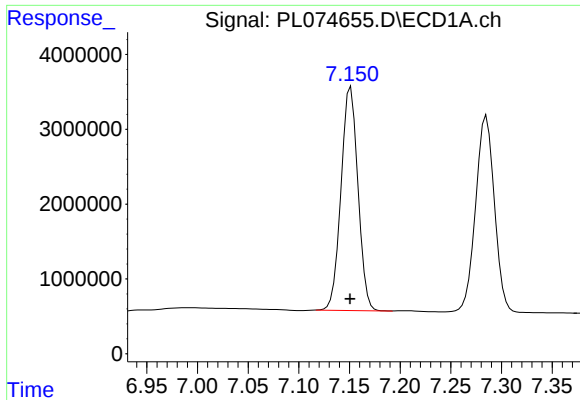
#6 beta-BHC

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 16433938
Conc: 55.06 ng/ml



#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 39277628
Conc: 49.47 ng/ml



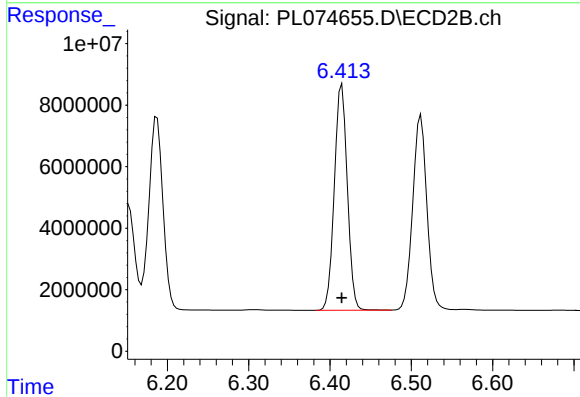
#7 delta-BHC

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 34694897
Conc: 55.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

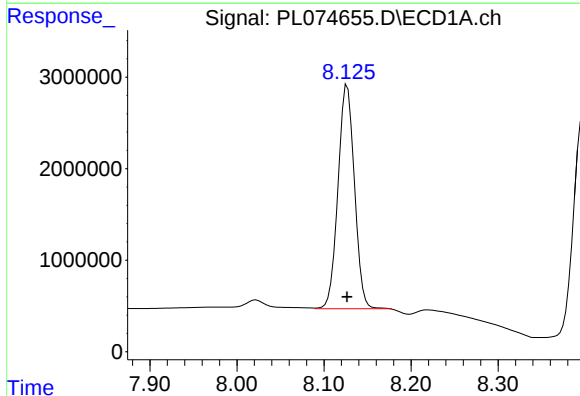
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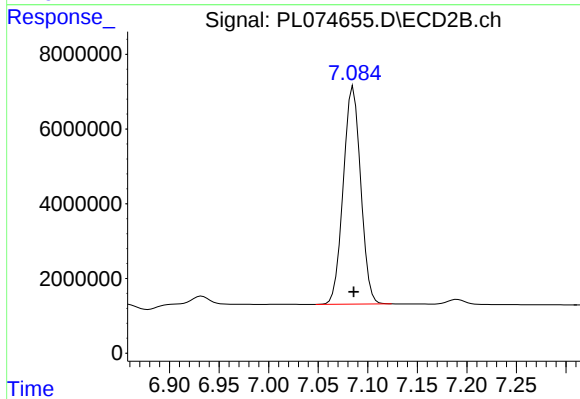
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 81399735
Conc: 52.06 ng/ml



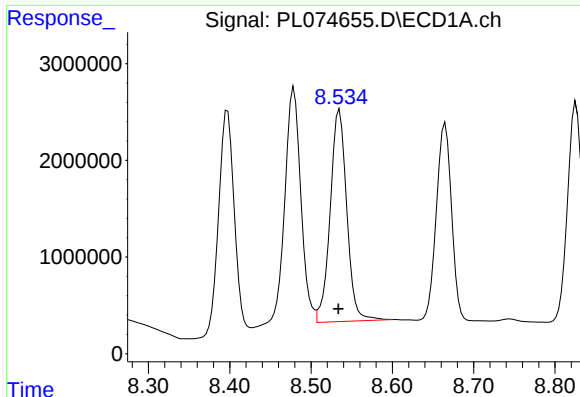
#8 Heptachlor epoxide

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 32062937
Conc: 56.37 ng/ml



#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 71271807
Conc: 51.21 ng/ml



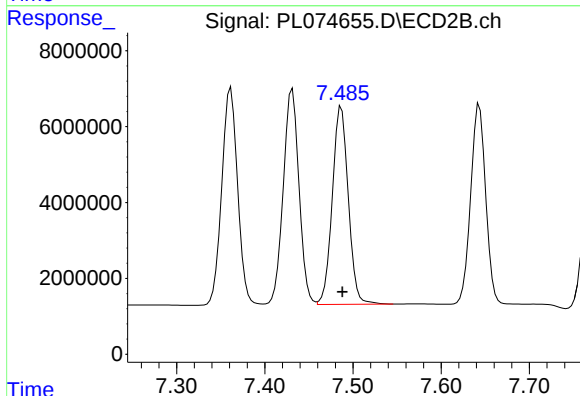
#9 Endosulfan I

R.T.: 8.535 min
Delta R.T.: 0.002 min
Response: 31244038
Conc: 54.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

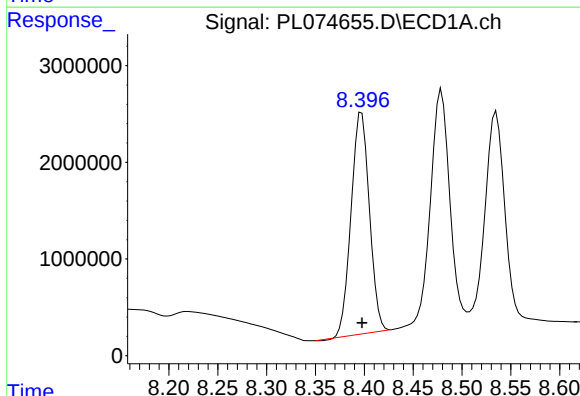
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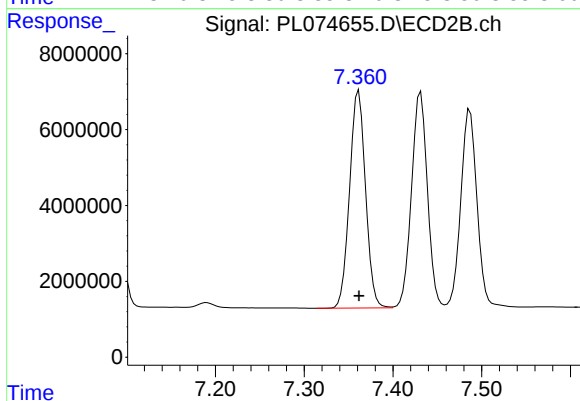
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: -0.001 min
Response: 65837335
Conc: 52.62 ng/ml



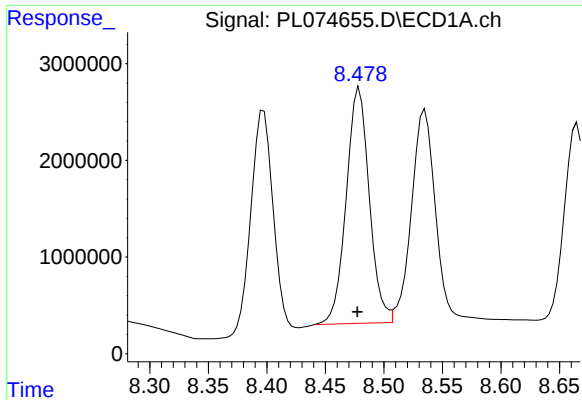
#10 gamma-Chlordane

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 29826880
Conc: 57.66 ng/ml



#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 71519290
Conc: 51.61 ng/ml



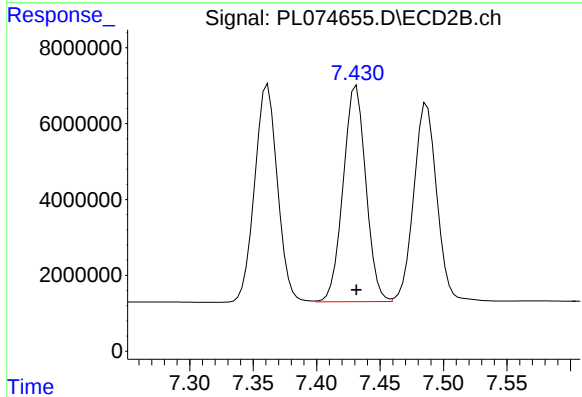
#11 alpha-Chlordane

R.T.: 8.479 min
Delta R.T.: 0.002 min
Response: 33439279
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

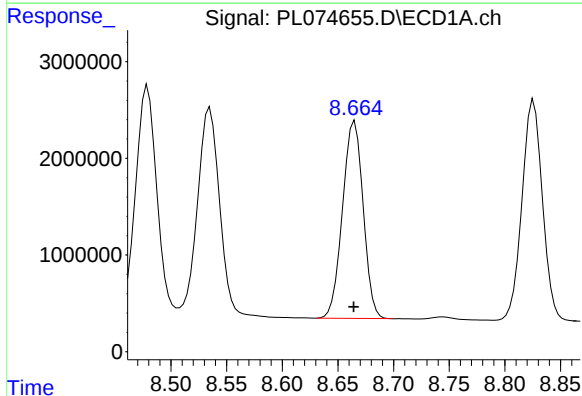
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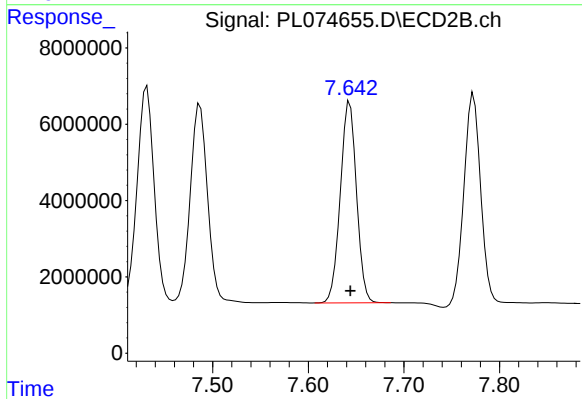
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 70767922
Conc: 52.35 ng/ml



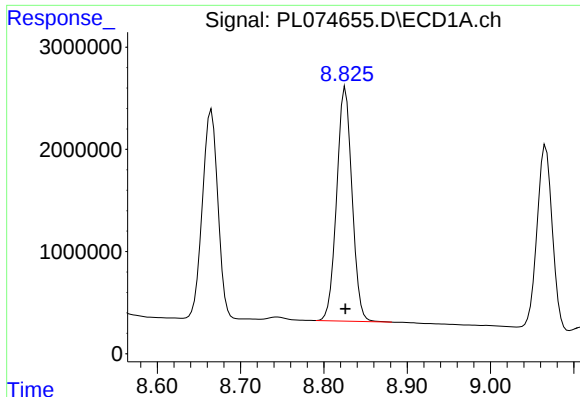
#12 4,4'-DDE

R.T.: 8.665 min
Delta R.T.: 0.000 min
Response: 26361653
Conc: 56.95 ng/ml



#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 62271087
Conc: 52.92 ng/ml



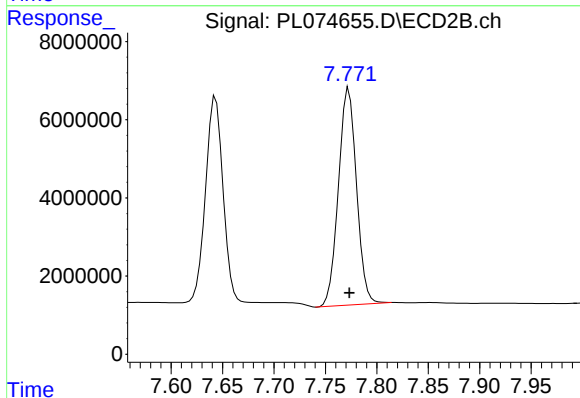
#13 Dieldrin

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 29269480
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

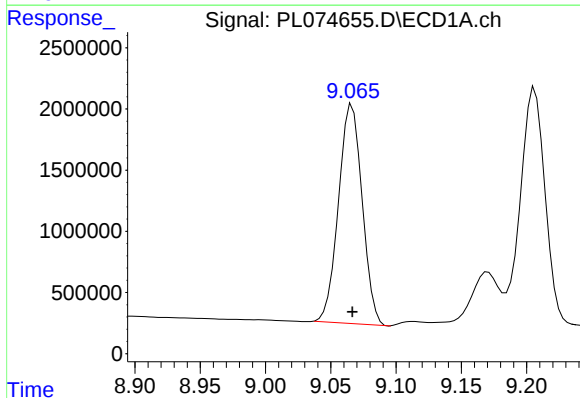
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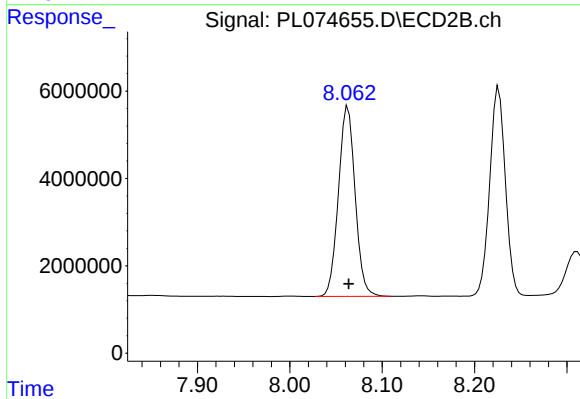
#13 Dieldrin

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 68046436
Conc: 53.42 ng/ml



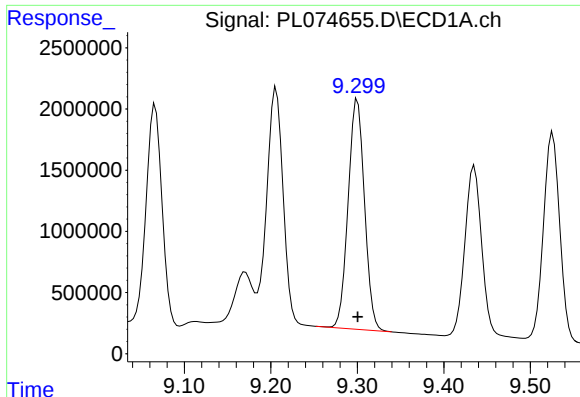
#14 Endrin

R.T.: 9.066 min
Delta R.T.: 0.000 min
Response: 22614801
Conc: 54.80 ng/ml



#14 Endrin

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 54697961
Conc: 51.78 ng/ml



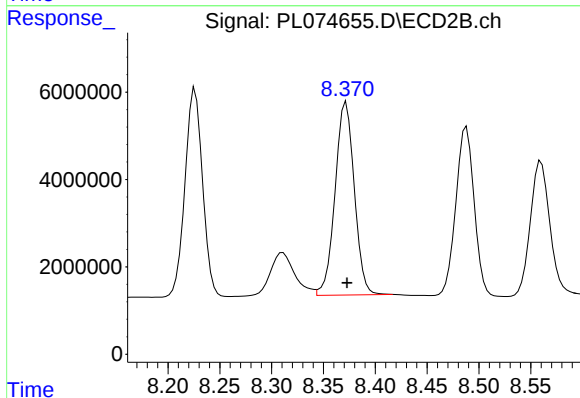
#15 Endosulfan II

R.T.: 9.300 min
Delta R.T.: 0.000 min
Response: 24631911
Conc: 56.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

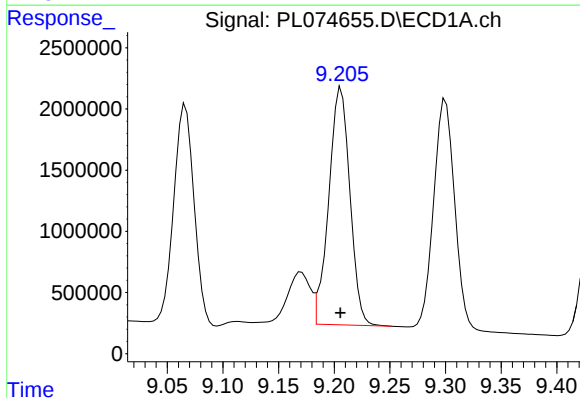
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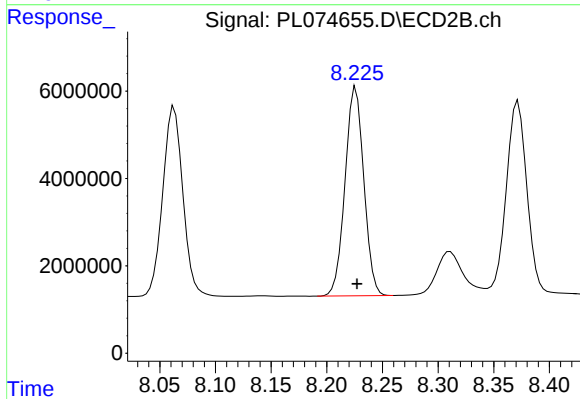
#15 Endosulfan II

R.T.: 8.372 min
Delta R.T.: 0.000 min
Response: 57047832
Conc: 50.50 ng/ml



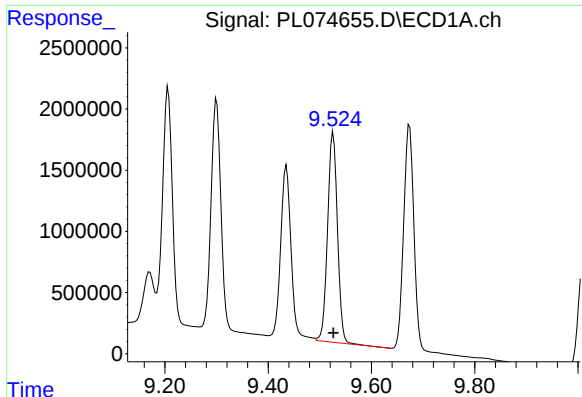
#16 4,4'-DDD

R.T.: 9.206 min
Delta R.T.: 0.000 min
Response: 25626711
Conc: 56.68 ng/ml



#16 4,4'-DDD

R.T.: 8.226 min
Delta R.T.: -0.001 min
Response: 56158459
Conc: 57.01 ng/ml



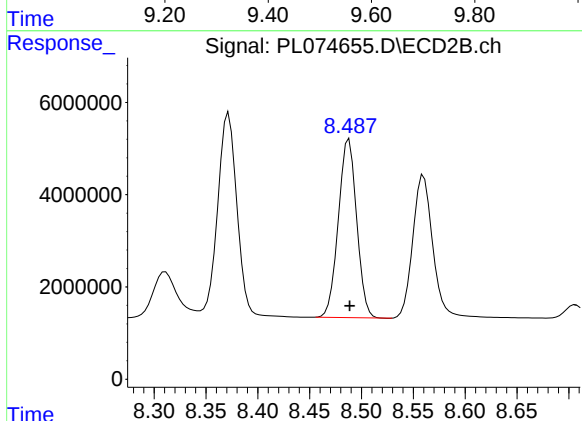
#17 4,4'-DDT

R.T.: 9.526 min
Delta R.T.: 0.000 min
Response: 22815239
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

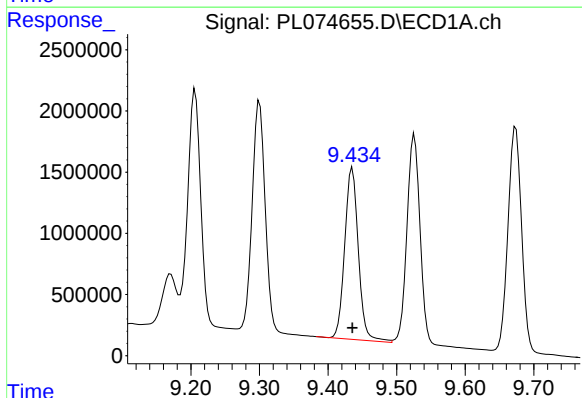
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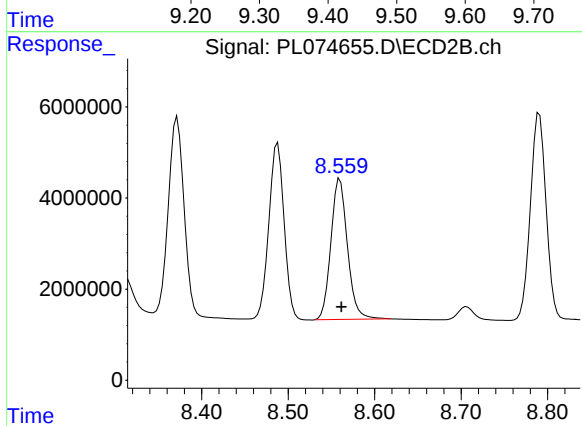
#17 4,4'-DDT

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 47448221
Conc: 47.42 ng/ml



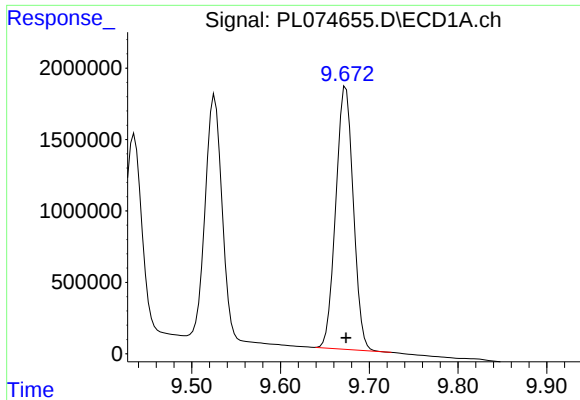
#18 Endrin aldehyde

R.T.: 9.435 min
Delta R.T.: 0.000 min
Response: 19409656
Conc: 53.27 ng/ml



#18 Endrin aldehyde

R.T.: 8.560 min
Delta R.T.: -0.001 min
Response: 41099250
Conc: 51.46 ng/ml



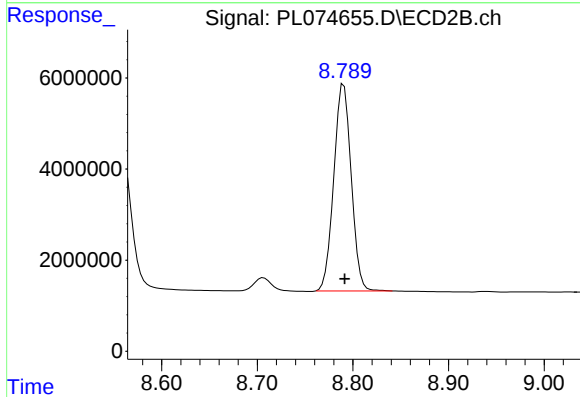
#19 Endosulfan Sulfate

R.T.: 9.674 min
Delta R.T.: 0.000 min
Response: 25144596
Conc: 55.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

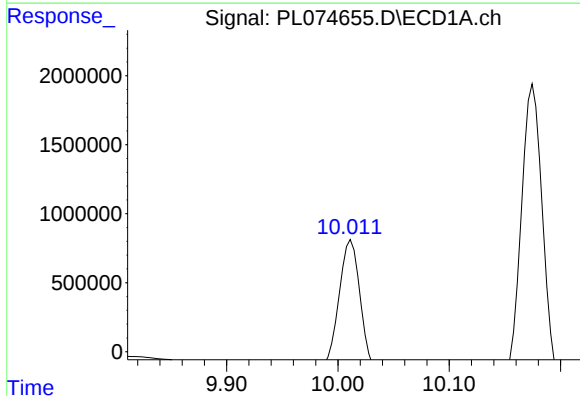
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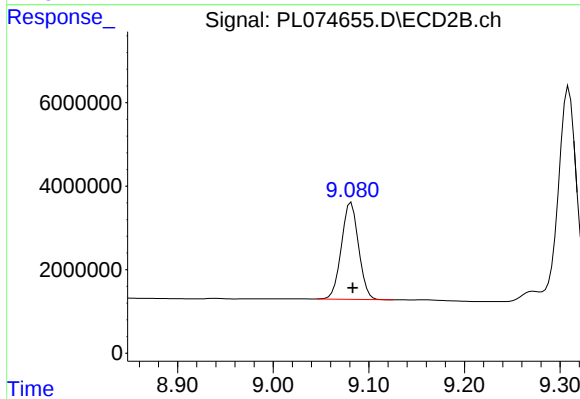
#19 Endosulfan Sulfate

R.T.: 8.790 min
Delta R.T.: -0.001 min
Response: 57496802
Conc: 52.82 ng/ml



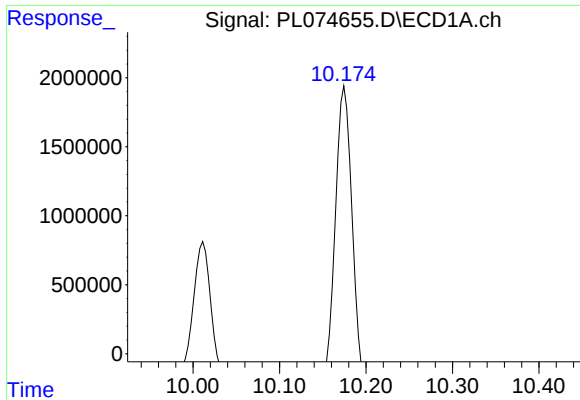
#20 Methoxychlor

R.T.: 10.012 min
Delta R.T.: 0.000 min
Response: 12690411
Conc: 51.82 ng/ml



#20 Methoxychlor

R.T.: 9.082 min
Delta R.T.: -0.002 min
Response: 29031025
Conc: 49.68 ng/ml



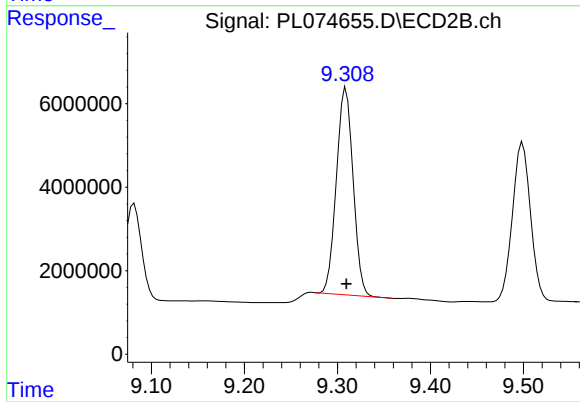
#21 Endrin ketone

R.T.: 10.176 min
Delta R.T.: -0.001 min
Response: 29204156
Conc: 56.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

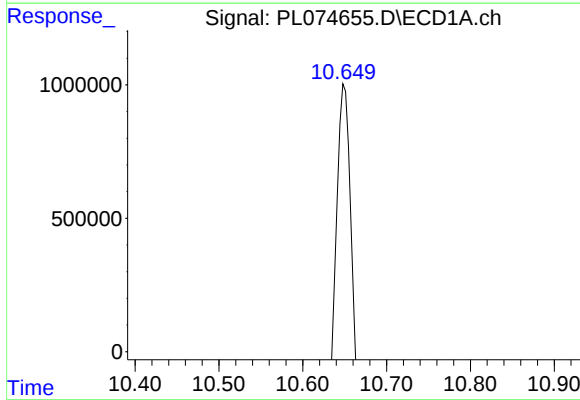
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Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



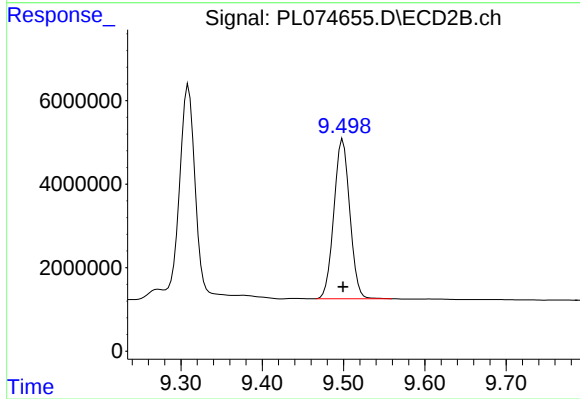
#21 Endrin ketone

R.T.: 9.309 min
Delta R.T.: 0.000 min
Response: 61904920
Conc: 55.53 ng/ml



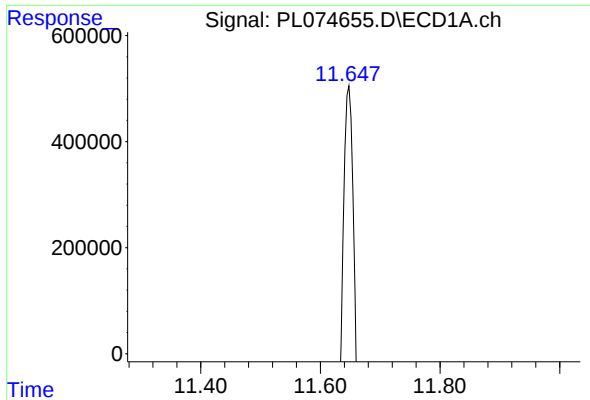
#22 Mirex

R.T.: 10.650 min
Delta R.T.: 0.000 min
Response: 22770019
Conc: 56.43 ng/ml



#22 Mirex

R.T.: 9.499 min
Delta R.T.: 0.000 min
Response: 51935884
Conc: 53.62 ng/ml



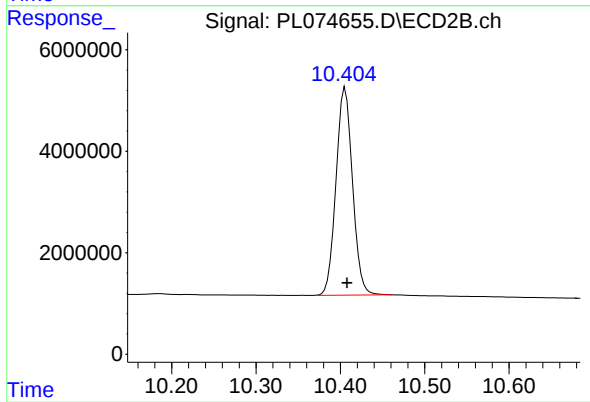
#28 Decachlorobiphenyl

R.T.: 11.648 min
Delta R.T.: -0.002 min
Response: 25242527
Conc: 56.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 55638468
Conc: 54.21 ng/ml