

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102523\
 Data File : PL086163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2023 18:40
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/26/2023
 Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 18:50:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 2023
 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...	3.355	2.621	135.3E6	42687013	45.482	45.698
28)	SA Decachlor...	8.853	7.771	113.6E6	49019014	52.176	53.109
Target Compounds							
2)	A alpha-BHC	3.809	3.120	202.2E6	58650866	47.106	46.617
3)	MA gamma-BHC...	4.141	3.447	190.5E6	59045937	46.079	47.875
4)	MA Heptachlor	4.727	3.783	185.7E6	56010281	48.015	48.158
5)	MB Aldrin	5.067	4.060	187.7E6	56420582	48.422	50.454
6)	B beta-BHC	4.343	3.749	80512888	26298944	48.689	50.518
7)	B delta-BHC	4.587	3.974	191.7E6	58643139	49.986	51.040
8)	B Heptachlo...	5.497	4.564	169.0E6	52524307	48.979	52.294
9)	A Endosulfan I	5.880	4.931	147.0E6	49461489	45.456m	46.108
10)	B gamma-Chl...	5.753	4.816	173.0E6	55606835	50.575m	56.147
11)	B alpha-Chl...	5.832	4.879	171.3E6	55046529	50.135m	50.468
12)	B 4,4'-DDE	6.015	5.077	151.4E6	47623926	54.122m	57.998m
13)	MA Dieldrin	6.157	5.197	186.7E6	50813378	56.808	52.373
14)	MA Endrin	6.386	5.470	141.9E6	49032801	49.801	54.541
15)	B Endosulfa...	6.608	5.768	152.3E6	47904192	55.263	50.375
16)	A 4,4'-DDD	6.534	5.634	120.3E6	40913819	59.737m	58.780
17)	MA 4,4'-DDT	6.850	5.885	111.2E6	42007975	47.159	53.124
18)	B Endrin al...	6.739	5.950	99807144	38882859	49.245m	52.142
19)	B Endosulfa...	6.974	6.174	132.5E6	47276414	52.804m	52.406
20)	A Methoxychlor	7.336	6.469	60261799	25878361	43.148	49.191
21)	B Endrin ke...	7.457	6.675	130.6E6	56039639	45.352	48.755
22)	Mirex	7.929	6.853	95913131	47126181	43.321	49.966

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102523\
Data File : PL086163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 18:40
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

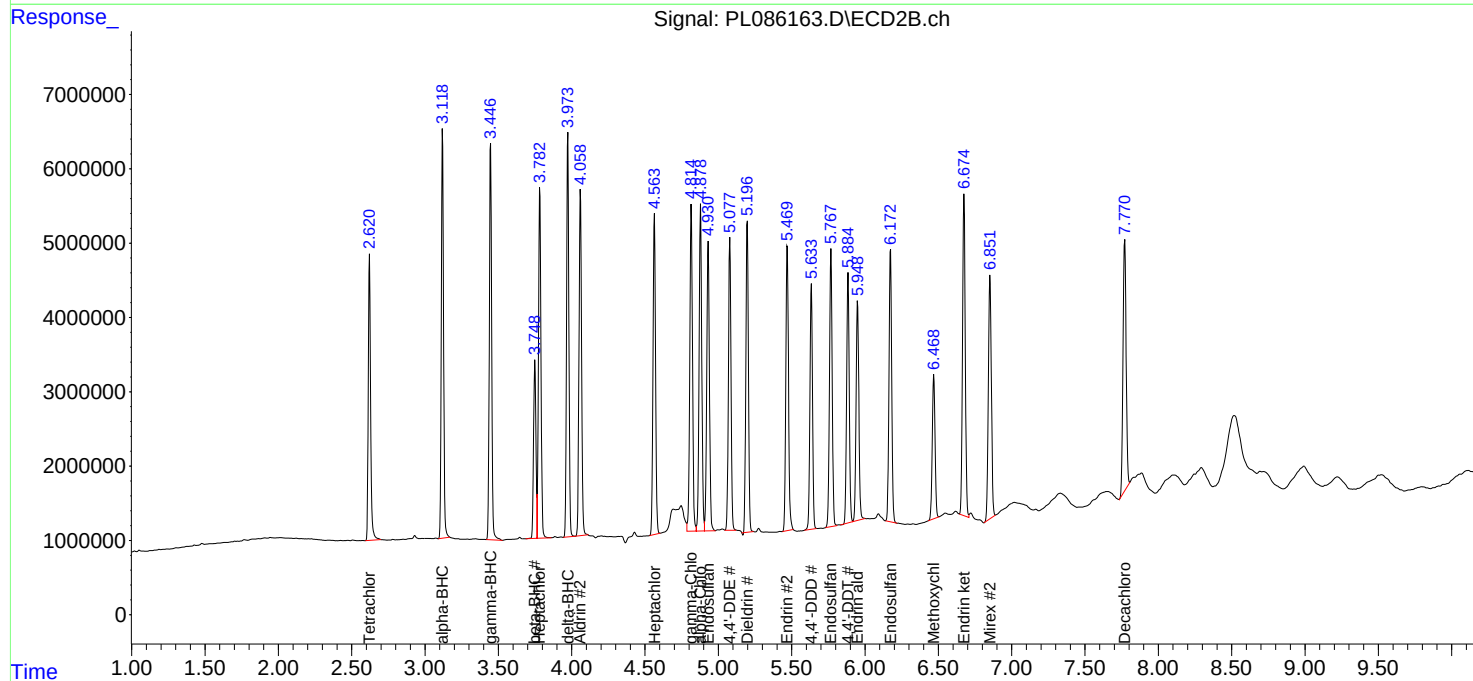
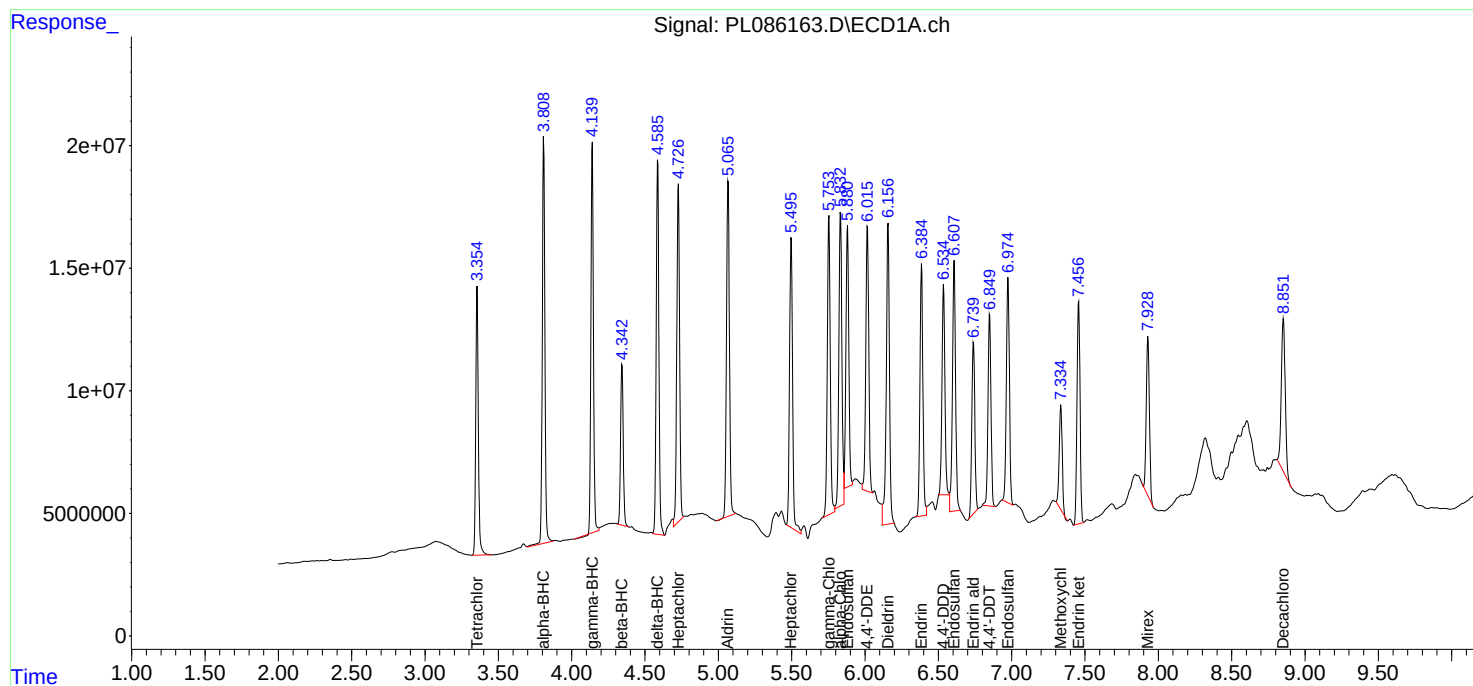
APPROVED

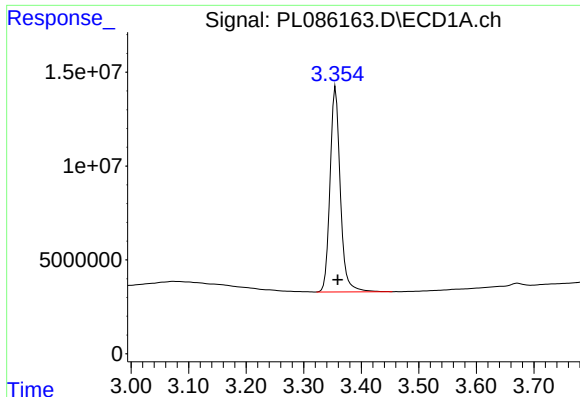
Reviewed By :Abdul Mirza 10/26/2023

Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 18:50:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 2023
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





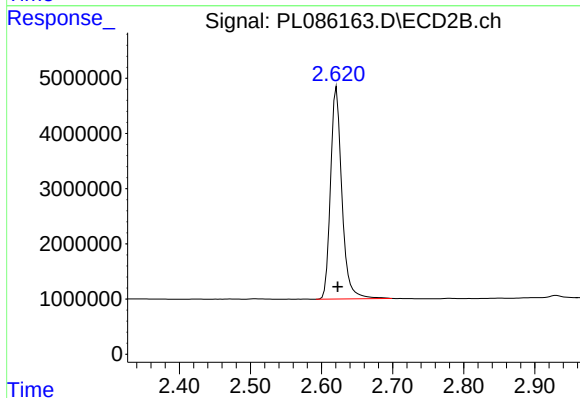
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 135270385
Conc: 45.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

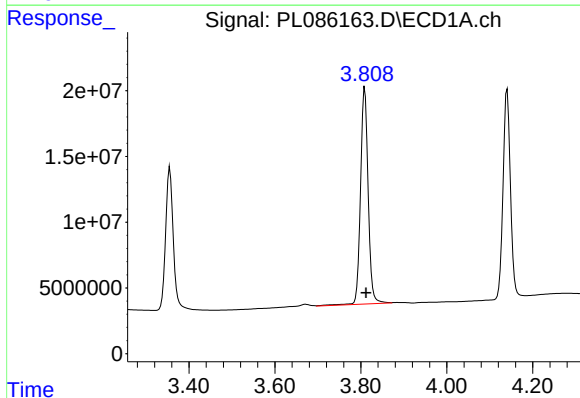
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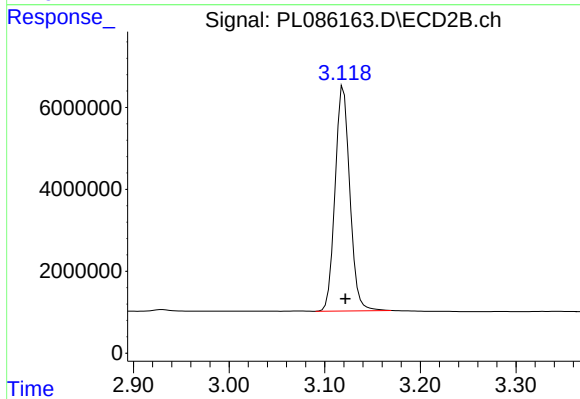
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 42687013
Conc: 45.70 ng/ml



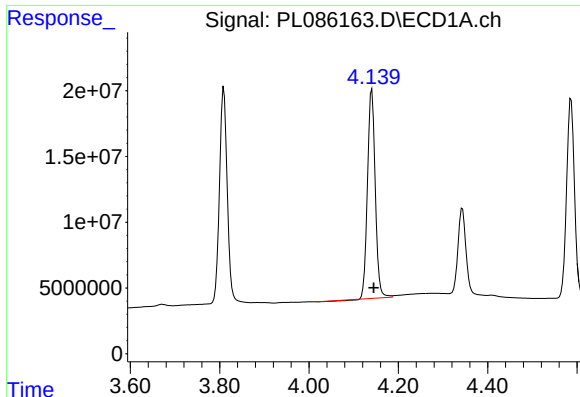
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 202173781
Conc: 47.11 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 58650866
Conc: 46.62 ng/ml



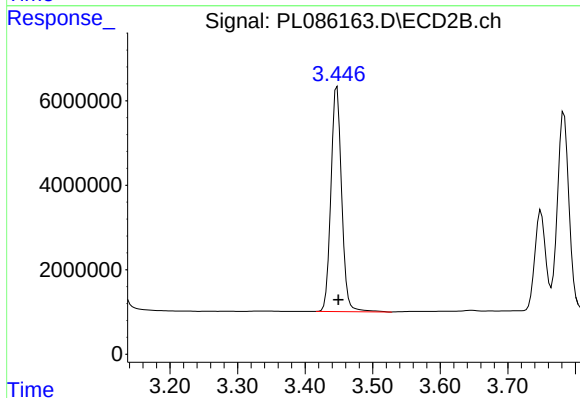
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 190460656
Conc: 46.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

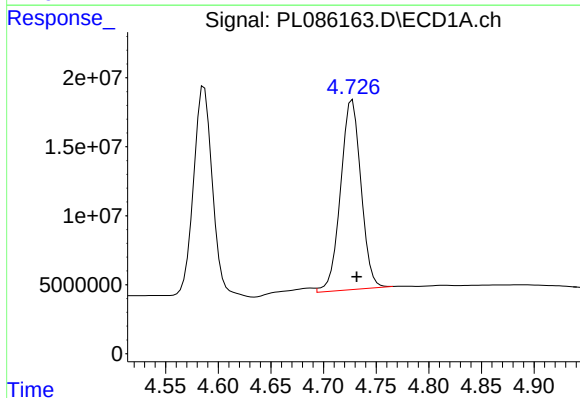
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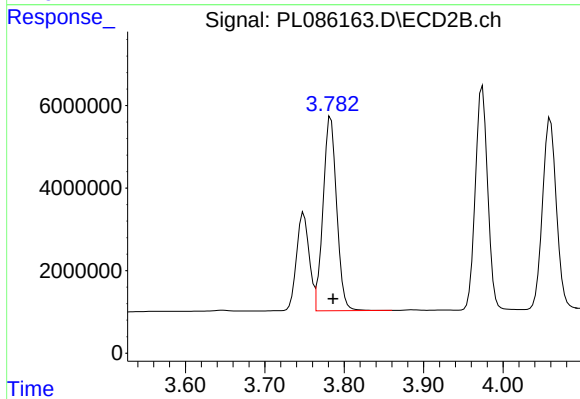
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 59045937
Conc: 47.87 ng/ml



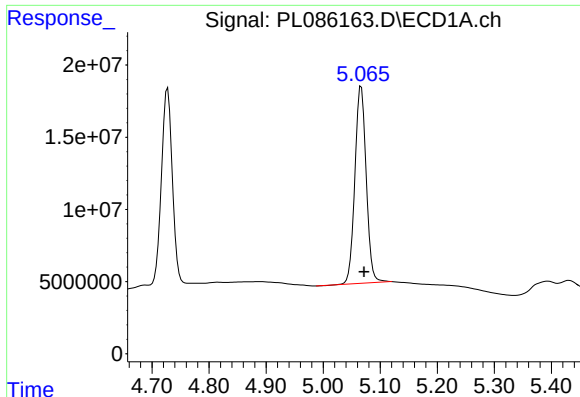
#4 Heptachlor

R.T.: 4.727 min
Delta R.T.: -0.004 min
Response: 185703566
Conc: 48.01 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.003 min
Response: 56010281
Conc: 48.16 ng/ml



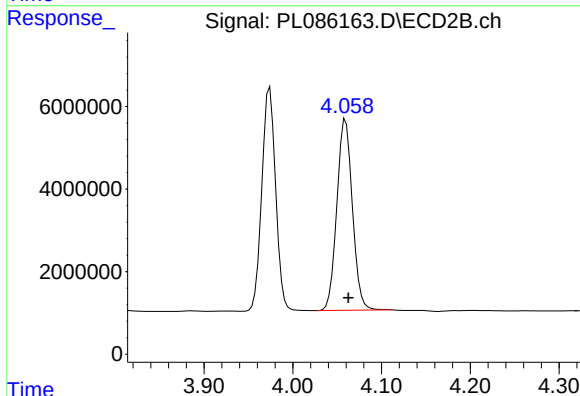
#5 Aldrin

R.T.: 5.067 min
Delta R.T.: -0.005 min
Response: 187700693
Conc: 48.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

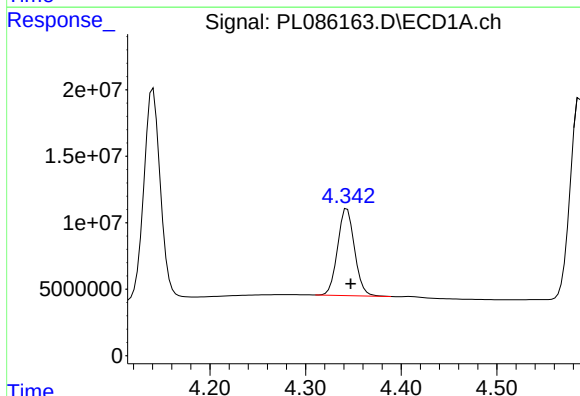
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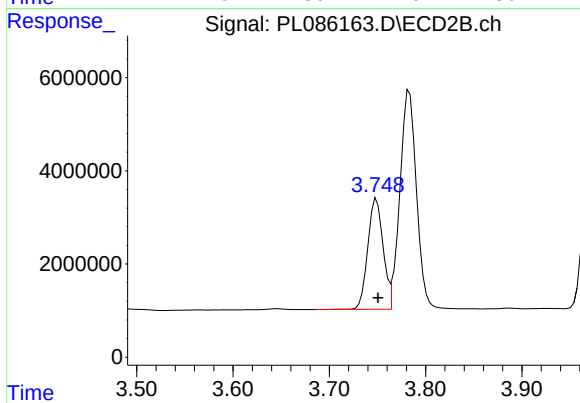
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.003 min
Response: 56420582
Conc: 50.45 ng/ml



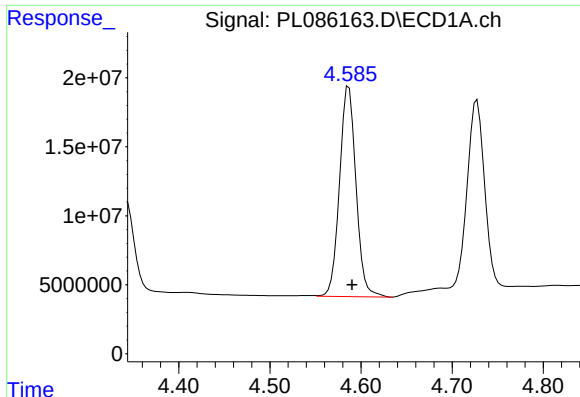
#6 beta-BHC

R.T.: 4.343 min
Delta R.T.: -0.004 min
Response: 80512888
Conc: 48.69 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 26298944
Conc: 50.52 ng/ml



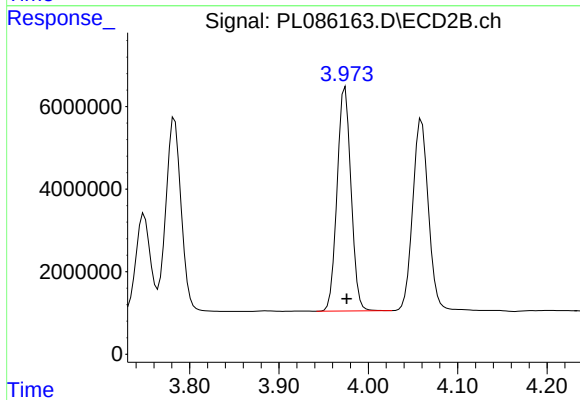
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.004 min
Response: 191665831
Conc: 49.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

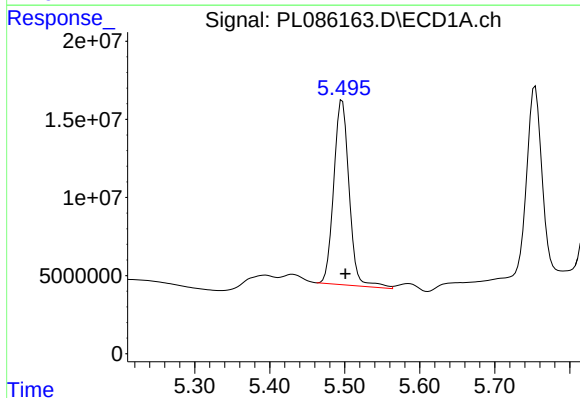
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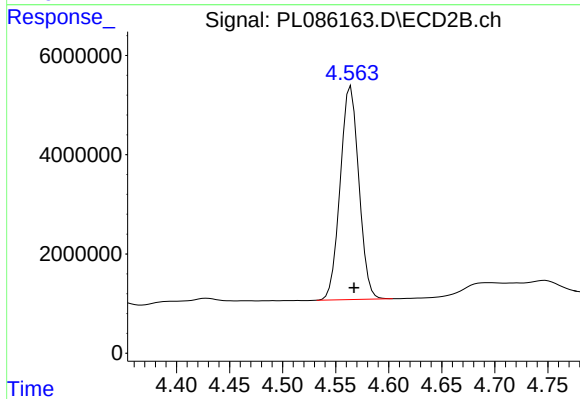
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 58643139
Conc: 51.04 ng/ml



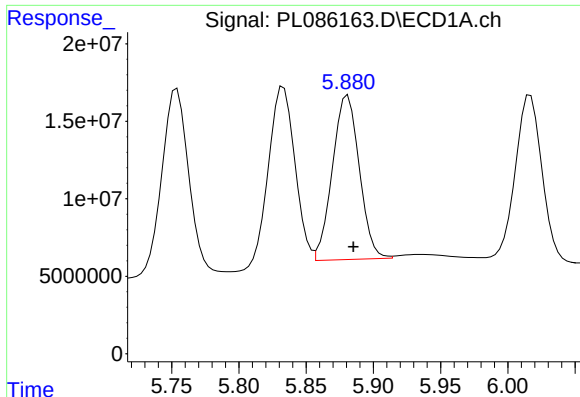
#8 Heptachlor epoxide

R.T.: 5.497 min
Delta R.T.: -0.004 min
Response: 168967290
Conc: 48.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.564 min
Delta R.T.: -0.003 min
Response: 52524307
Conc: 52.29 ng/ml



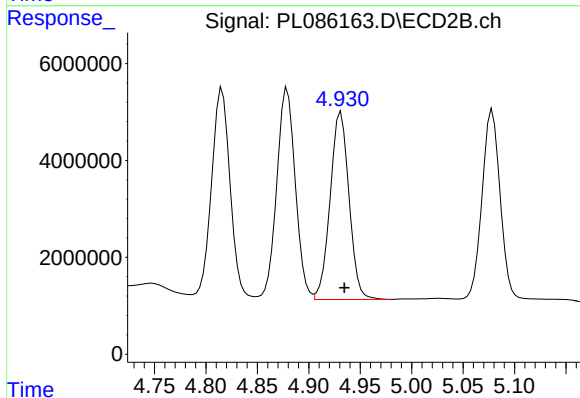
#9 Endosulfan I

R.T.: 5.880 min
Delta R.T.: -0.005 min
Response: 147005874
Conc: 45.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

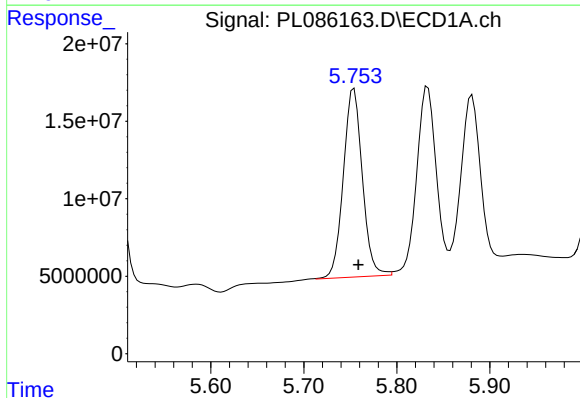
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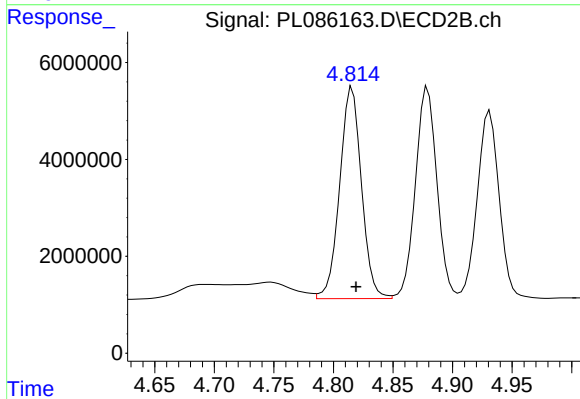
#9 Endosulfan I

R.T.: 4.931 min
Delta R.T.: -0.003 min
Response: 49461489
Conc: 46.11 ng/ml



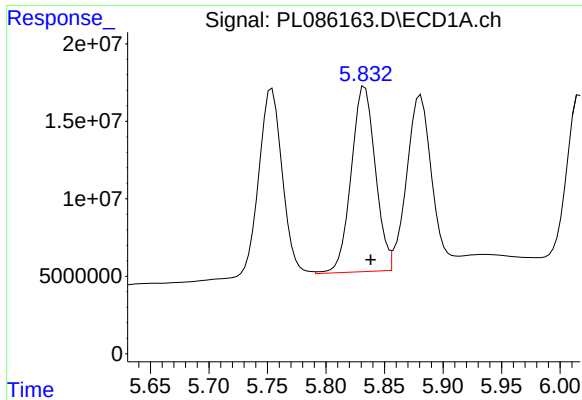
#10 gamma-Chlordane

R.T.: 5.753 min
Delta R.T.: -0.006 min
Response: 173037992
Conc: 50.57 ng/ml m



#10 gamma-Chlordane

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 55606835
Conc: 56.15 ng/ml



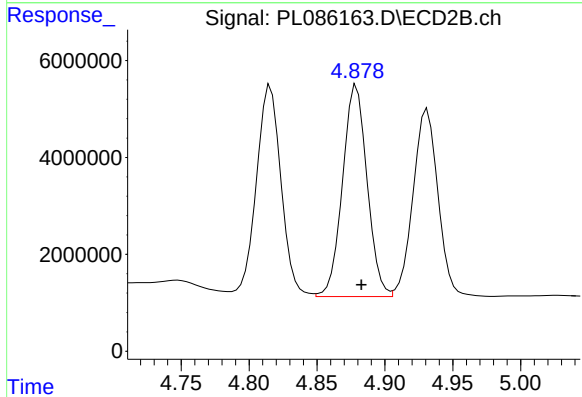
#11 alpha-Chlordane

R.T.: 5.832 min
Delta R.T.: -0.007 min
Response: 171344926
Conc: 50.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

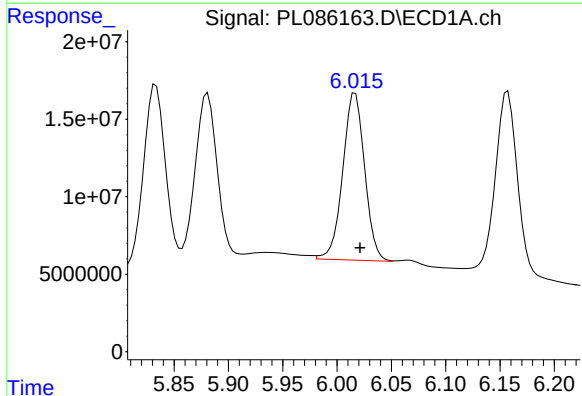
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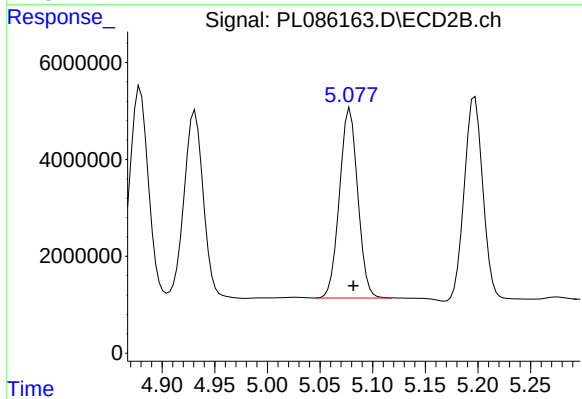
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.004 min
Response: 55046529
Conc: 50.47 ng/ml



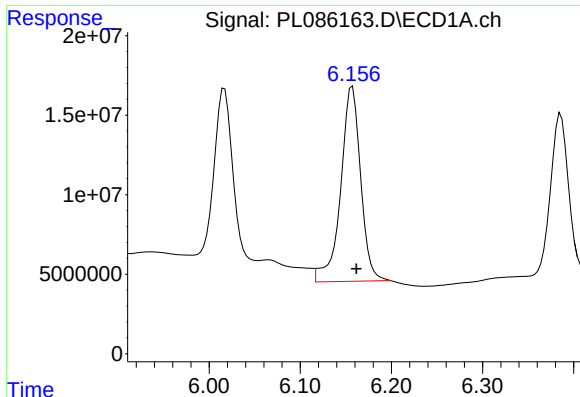
#12 4,4'-DDE

R.T.: 6.015 min
Delta R.T.: -0.006 min
Response: 151354920
Conc: 54.12 ng/ml m



#12 4,4'-DDE

R.T.: 5.077 min
Delta R.T.: -0.005 min
Response: 47623926
Conc: 58.00 ng/ml m



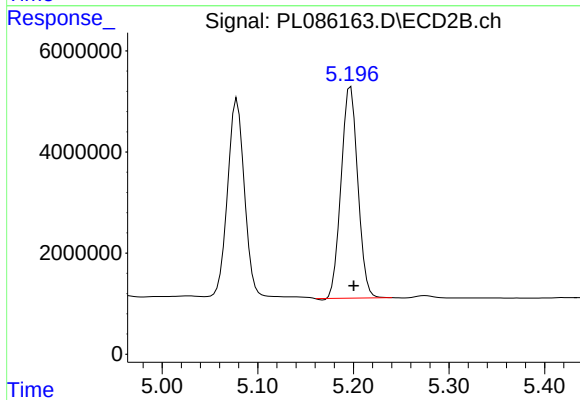
#13 Dieldrin

R.T.: 6.157 min
Delta R.T.: -0.004 min
Response: 186670566
Conc: 56.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

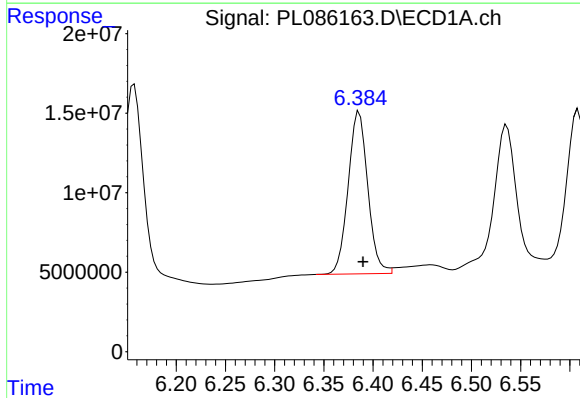
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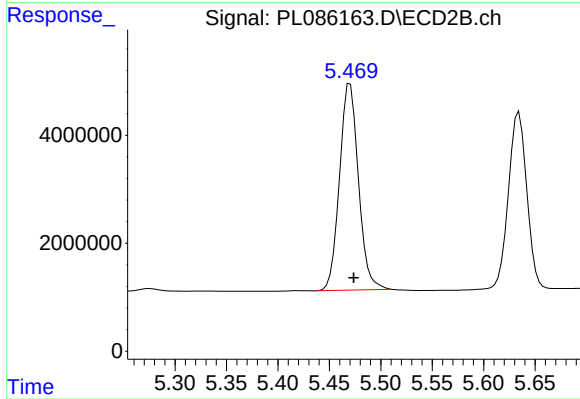
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.003 min
Response: 50813378
Conc: 52.37 ng/ml



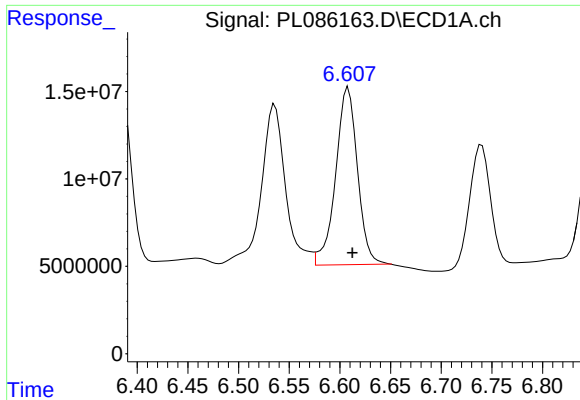
#14 Endrin

R.T.: 6.386 min
Delta R.T.: -0.004 min
Response: 141919272
Conc: 49.80 ng/ml



#14 Endrin

R.T.: 5.470 min
Delta R.T.: -0.003 min
Response: 49032801
Conc: 54.54 ng/ml



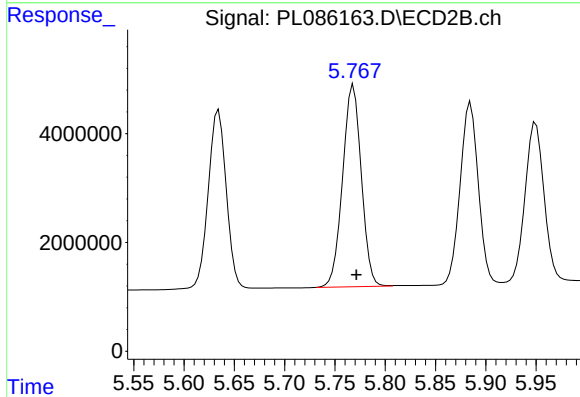
#15 Endosulfan II

R.T.: 6.608 min
Delta R.T.: -0.004 min
Response: 152277030
Conc: 55.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

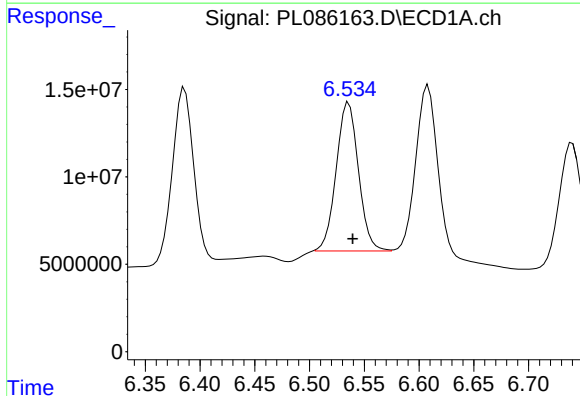
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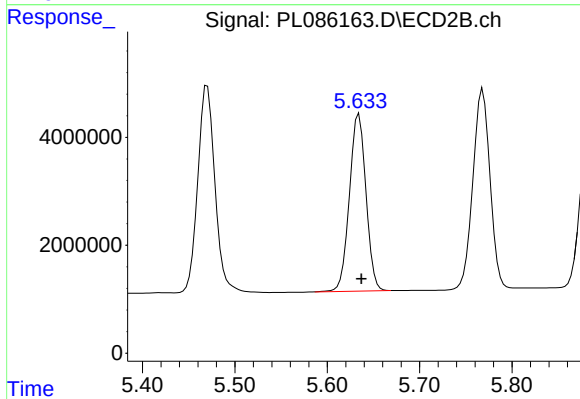
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 47904192
Conc: 50.38 ng/ml



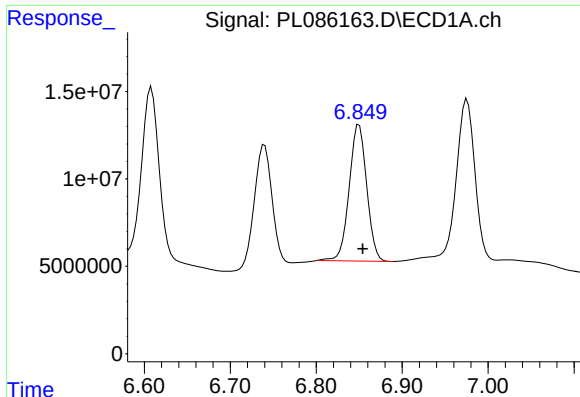
#16 4,4'-DDD

R.T.: 6.534 min
Delta R.T.: -0.005 min
Response: 120349795
Conc: 59.74 ng/ml m



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 40913819
Conc: 58.78 ng/ml



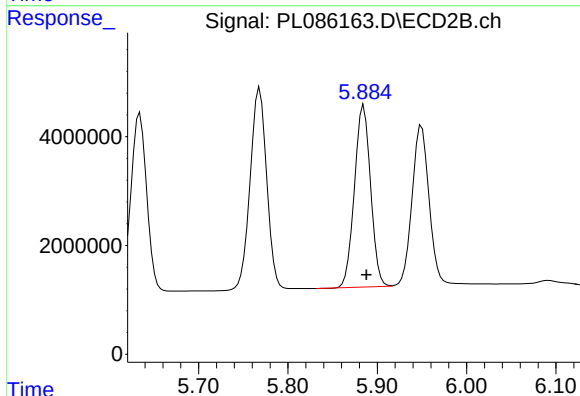
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: -0.004 min
Response: 111159357
Conc: 47.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

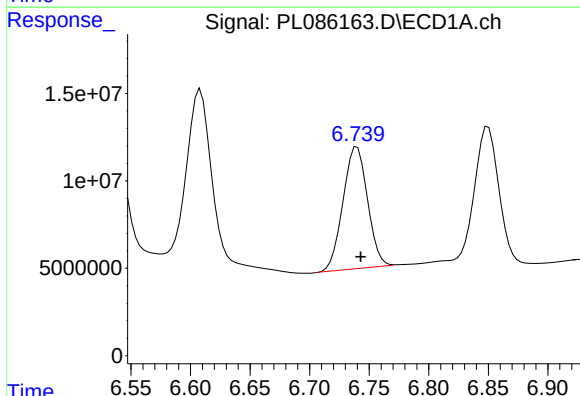
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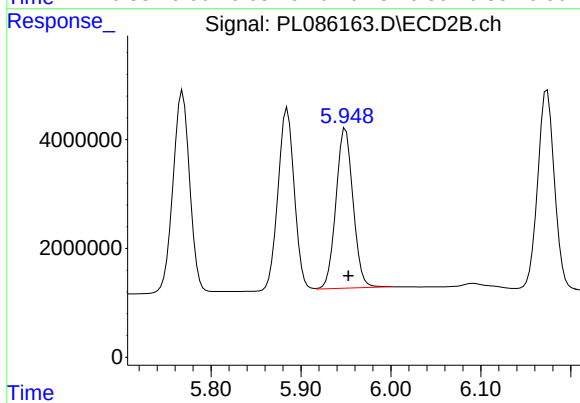
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 42007975
Conc: 53.12 ng/ml



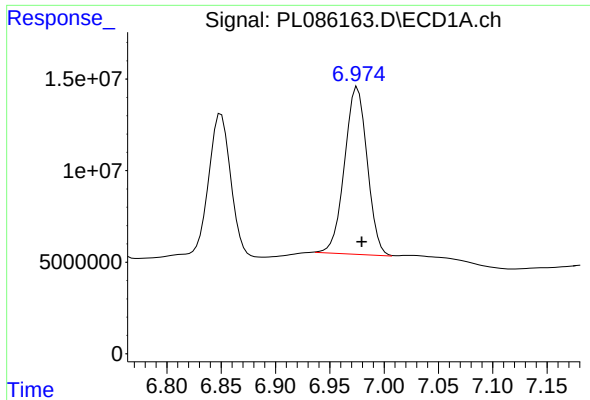
#18 Endrin aldehyde

R.T.: 6.739 min
Delta R.T.: -0.004 min
Response: 99807144
Conc: 49.24 ng/ml m



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 38882859
Conc: 52.14 ng/ml



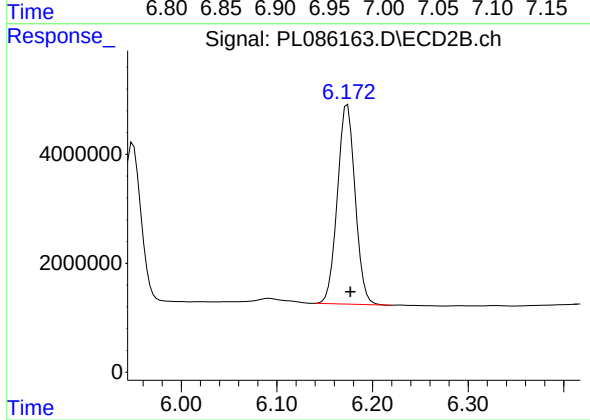
#19 Endosulfan Sulfate

R.T.: 6.974 min
Delta R.T.: -0.005 min
Response: 132524059
Conc: 52.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

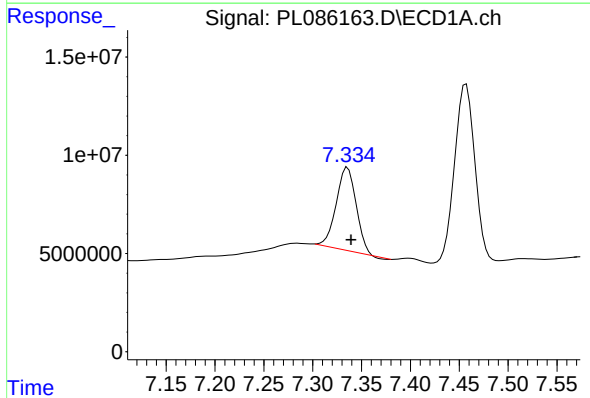
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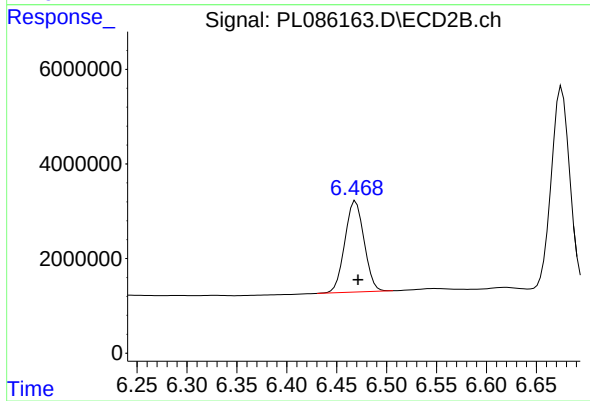
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: -0.003 min
Response: 47276414
Conc: 52.41 ng/ml



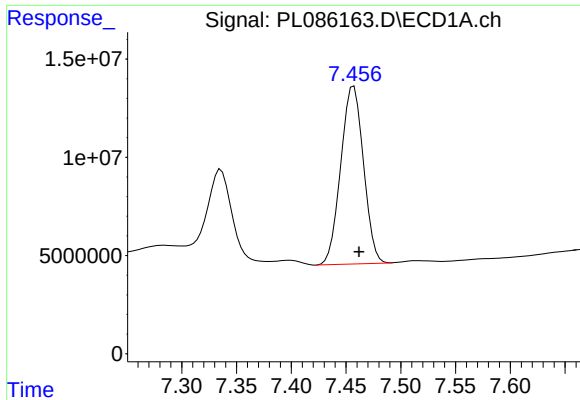
#20 Methoxychlor

R.T.: 7.336 min
Delta R.T.: -0.003 min
Response: 60261799
Conc: 43.15 ng/ml



#20 Methoxychlor

R.T.: 6.469 min
Delta R.T.: -0.003 min
Response: 25878361
Conc: 49.19 ng/ml



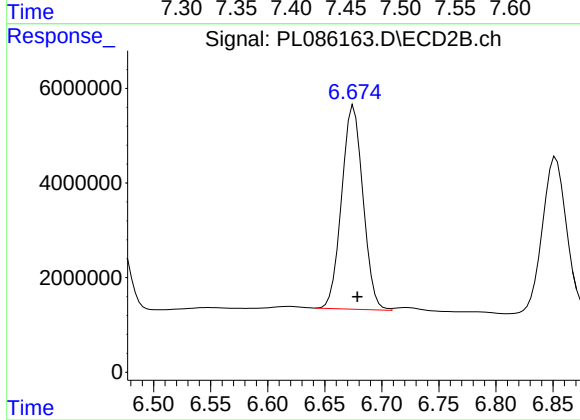
#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 130625093
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

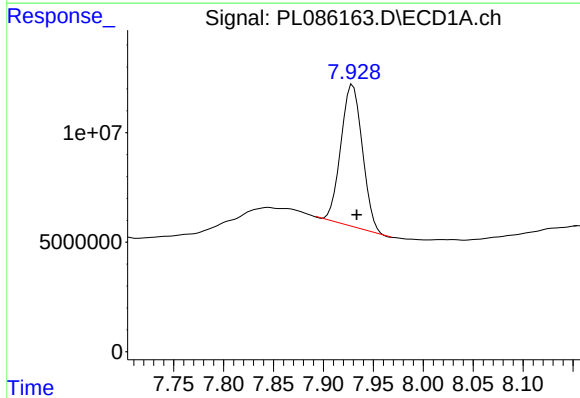
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Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



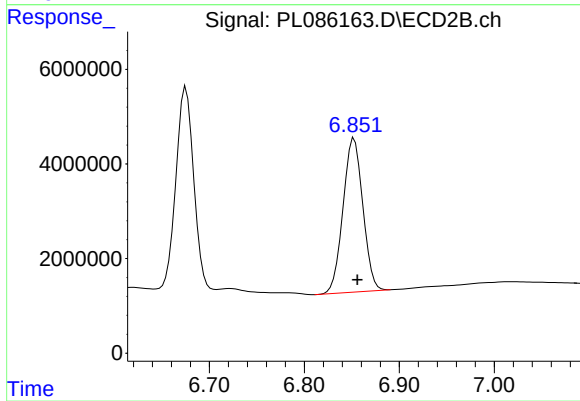
#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 56039639
Conc: 48.75 ng/ml



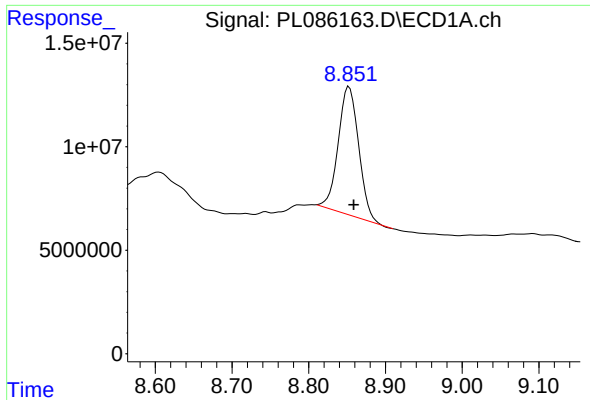
#22 Mirex

R.T.: 7.929 min
Delta R.T.: -0.004 min
Response: 95913131
Conc: 43.32 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 47126181
Conc: 49.97 ng/ml



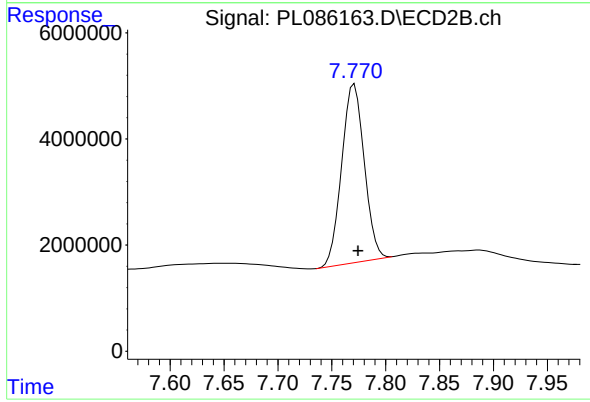
#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: -0.006 min
Response: 113641660
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



#28 Decachlorobiphenyl

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 49019014
Conc: 53.11 ng/ml