

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
 Data File : PL083553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 19:23
 Operator : AR\AJ
 Sample : PB153542BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB153542BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/20/2023
 Supervised By : Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 04:16:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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...	3.455	2.753	48540970	53426005	21.961	22.936
28)	SA Decachlor...	8.990	7.963	43313602	55734423	22.730	22.692
Target Compounds							
2)	A alpha-BHC	3.912	3.264	142.4E6	164.3E6	45.722	48.659
3)	MA gamma-BHC...	4.245	3.595	129.6E6	177.5E6	45.448	55.293m
4)	MA Heptachlor	4.836	3.943	121.0E6	144.0E6	43.765	46.532
5)	MB Aldrin	5.179	4.226	115.9E6	145.2E6	44.606	48.227
6)	B beta-BHC	4.443	3.898	63436095	70382507	49.032	47.161
7)	B delta-BHC	4.690	4.130	126.2E6	162.1E6	45.769	50.288
8)	B Heptachlo...	5.607	4.734	108.8E6	140.5E6	42.880	48.950m
9)	A Endosulfan I	5.992	5.108	101.2E6	132.3E6	45.426	49.093
10)	B gamma-Chl...	5.864	4.989	105.3E6	145.1E6	43.790	49.043
11)	B alpha-Chl...	5.944	5.054	107.2E6	143.4E6	45.250	48.486
12)	B 4,4'-DDE	6.122	5.251	95087318	128.6E6	47.103	50.330
13)	MA Dieldrin	6.268	5.376	102.0E6	137.4E6	45.440	49.014
14)	MA Endrin	6.498	5.652	86746196	113.1E6	49.152	49.006
15)	B Endosulfa...	6.718	5.949	84508655	114.9E6	45.277	48.409
16)	A 4,4'-DDD	6.641	5.810	85054779	115.9E6	49.815	52.559
17)	MA 4,4'-DDT	6.955	6.064	67313744	85270571	39.981	40.842
18)	B Endrin al...	6.847	6.131	66474457	88800924	44.843m	46.985
19)	B Endosulfa...	7.084	6.356	87998116	116.0E6	45.822	47.887
20)	A Methoxychlor	7.437	6.649	38128398	50888838	42.035	42.225
21)	B Endrin ke...	7.568	6.863	90433258	125.2E6	42.208	44.551
22)	Mirex	8.044	7.049	80674872	106.0E6	43.224	44.049

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
 Data File : PL083553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 19:23
 Operator : AR\AJ
 Sample : PB153542BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

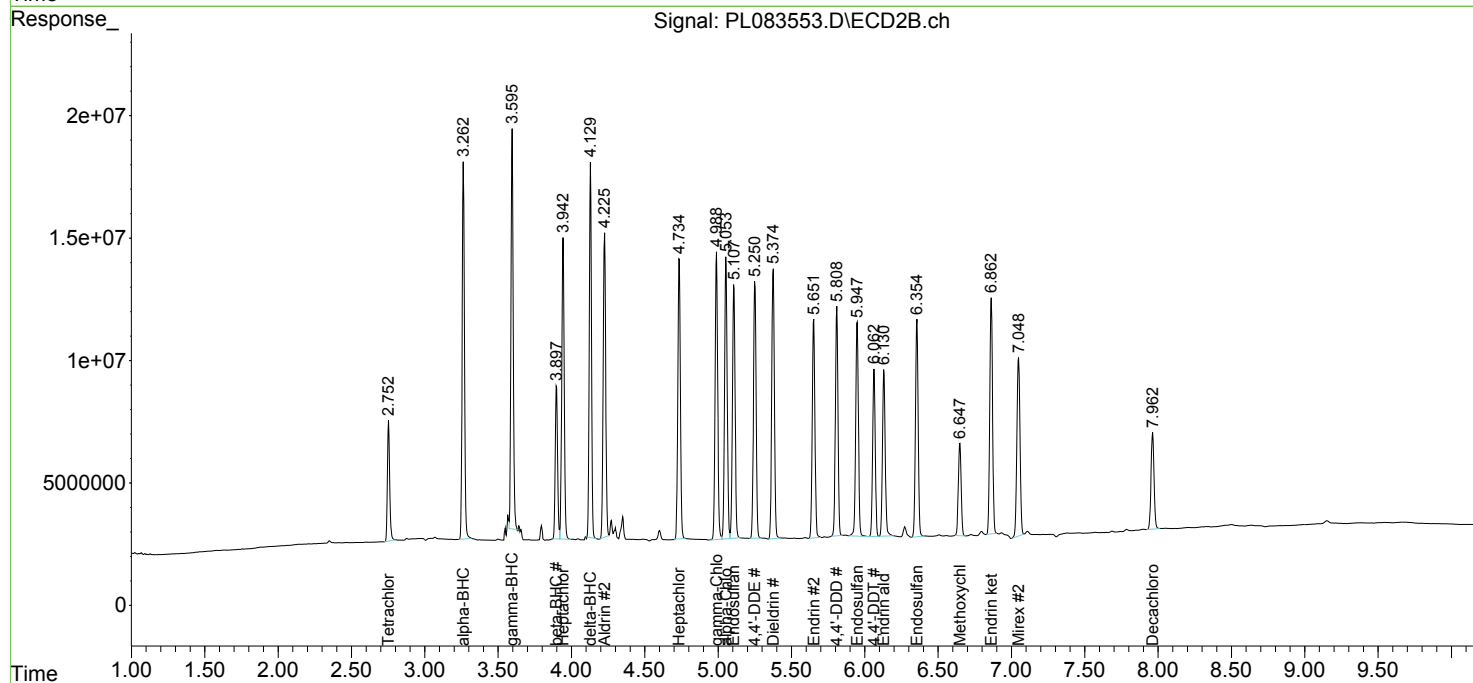
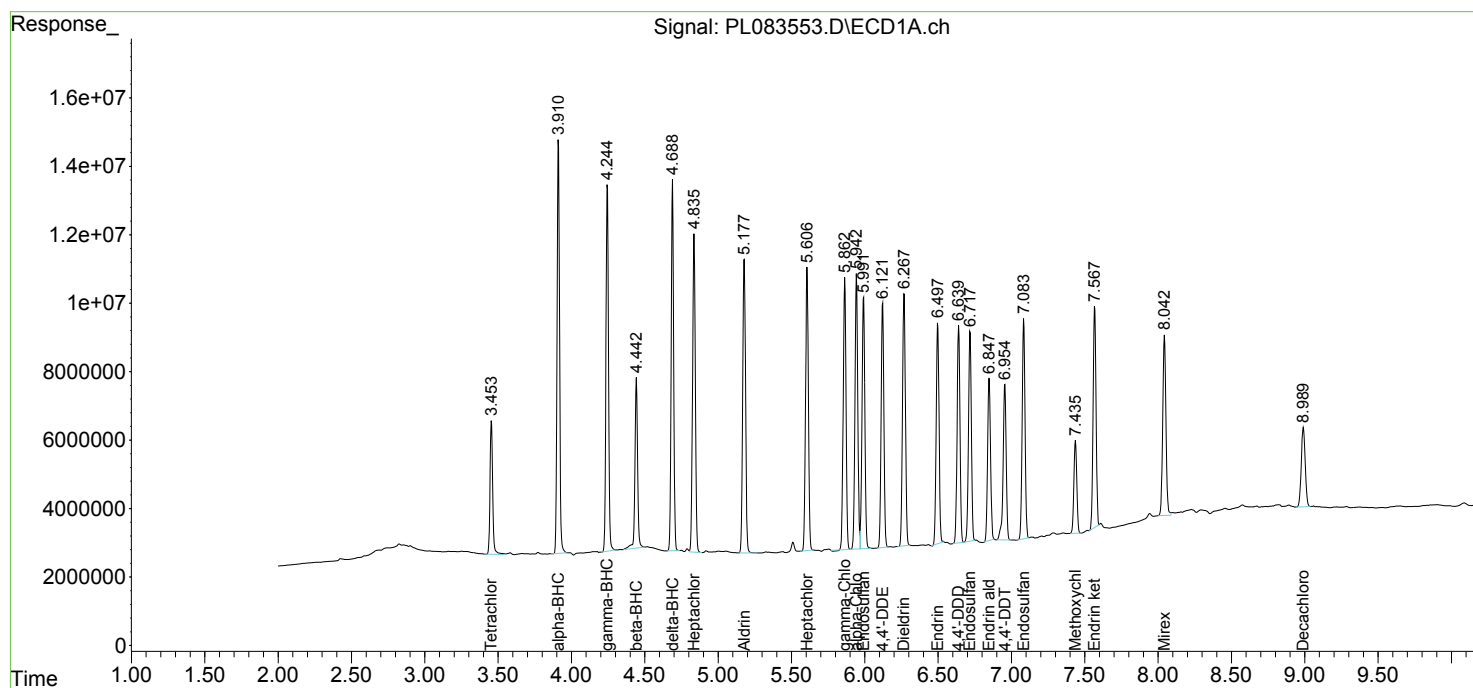
Instrument :
 ECD_L
 ClientSampleId :
 PB153542BS

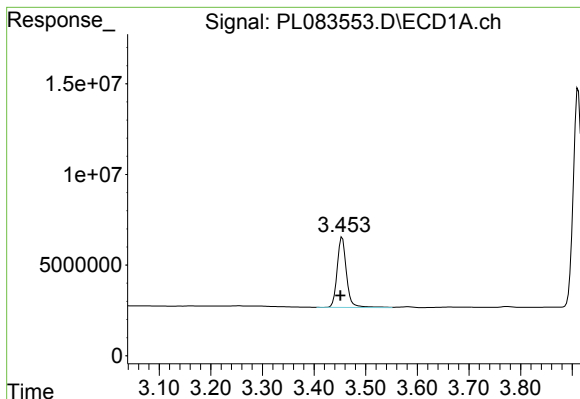
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/20/2023
 Supervised By :Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 04:16:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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





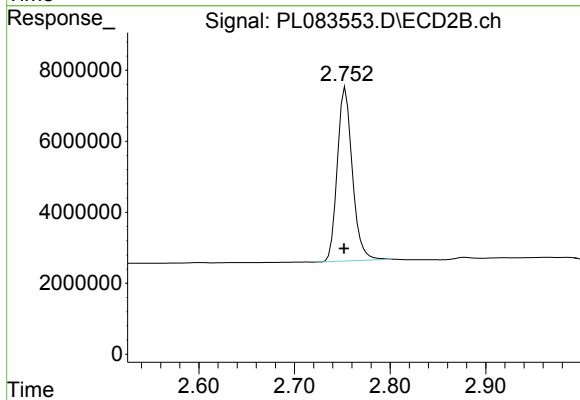
#1 Tetrachloro-m-xylene

R.T.: 3.455 min
Delta R.T.: 0.004 min
Response: 48540970
Conc: 21.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153542BS

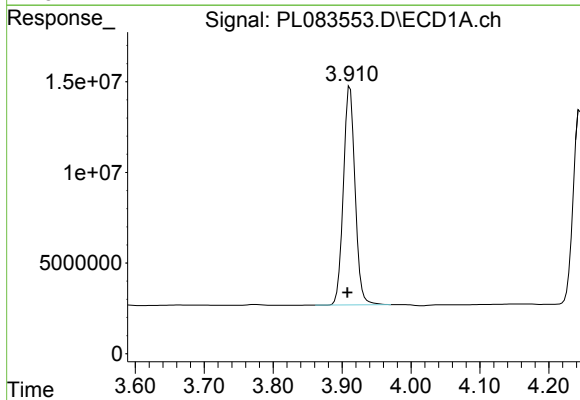
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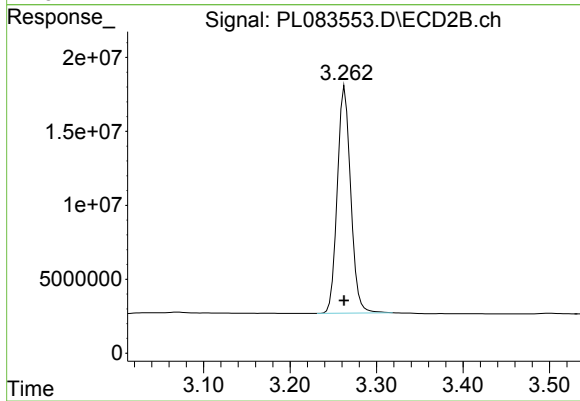
#1 Tetrachloro-m-xylene

R.T.: 2.753 min
Delta R.T.: 0.001 min
Response: 53426005
Conc: 22.94 ng/ml



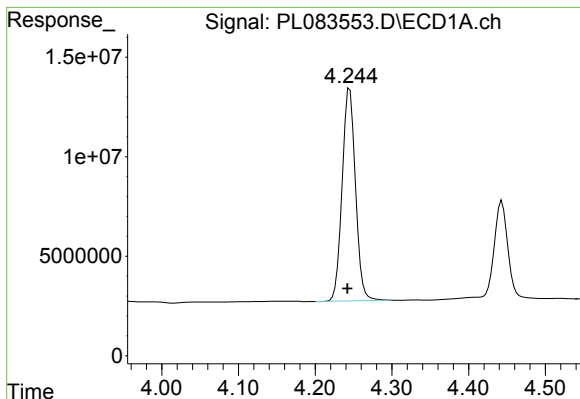
#2 alpha-BHC

R.T.: 3.912 min
Delta R.T.: 0.004 min
Response: 142351037
Conc: 45.72 ng/ml



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.001 min
Response: 164254758
Conc: 48.66 ng/ml



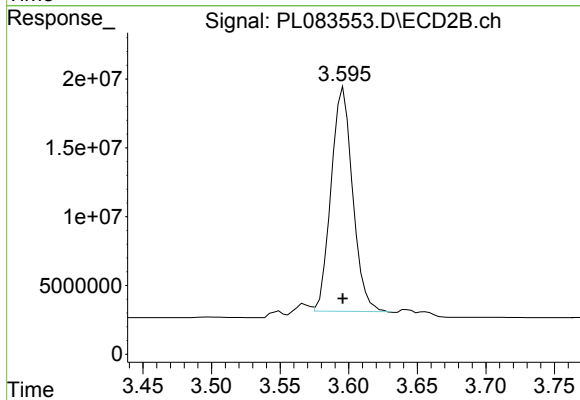
#3 gamma-BHC (Lindane)

R.T.: 4.245 min
Delta R.T.: 0.003 min
Response: 129562236
Conc: 45.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153542BS

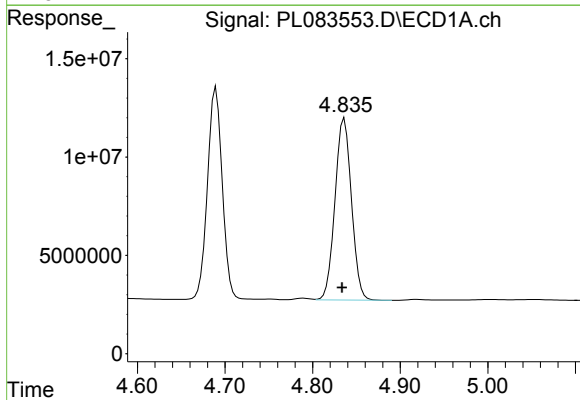
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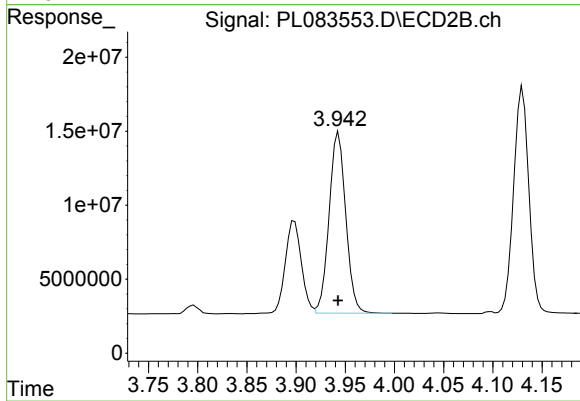
#3 gamma-BHC (Lindane)

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 177525823
Conc: 55.29 ng/ml m



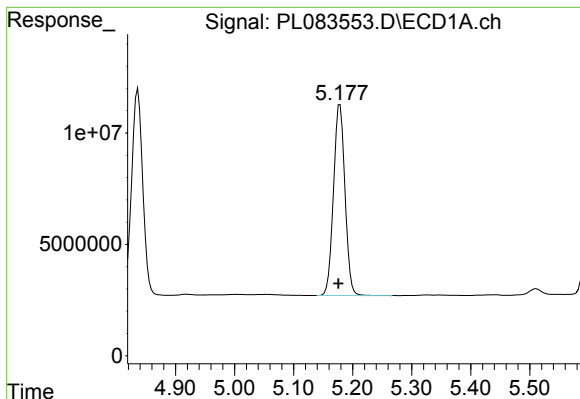
#4 Heptachlor

R.T.: 4.836 min
Delta R.T.: 0.003 min
Response: 121004919
Conc: 43.76 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 144047241
Conc: 46.53 ng/ml



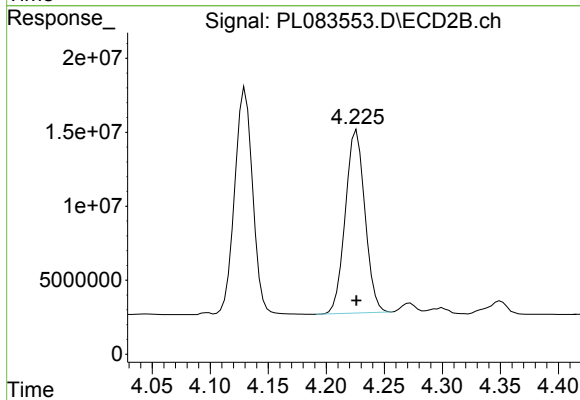
#5 Aldrin

R.T.: 5.179 min
Delta R.T.: 0.003 min
Response: 115924791
Conc: 44.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153542BS

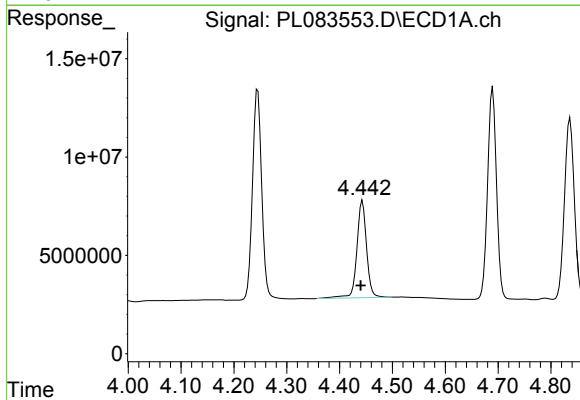
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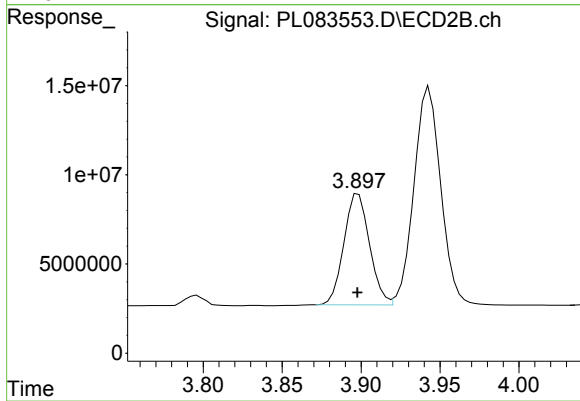
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 145192451
Conc: 48.23 ng/ml



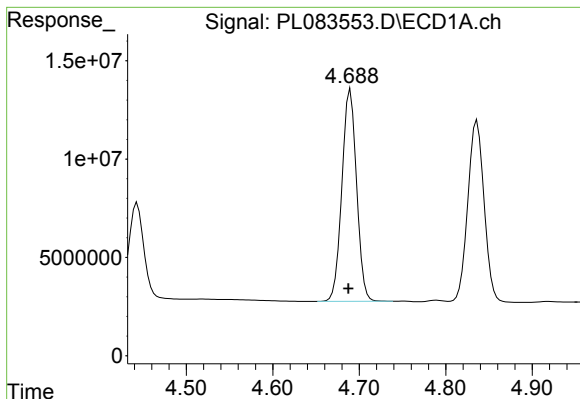
#6 beta-BHC

R.T.: 4.443 min
Delta R.T.: 0.003 min
Response: 63436095
Conc: 49.03 ng/ml



#6 beta-BHC

R.T.: 3.898 min
Delta R.T.: 0.000 min
Response: 70382507
Conc: 47.16 ng/ml



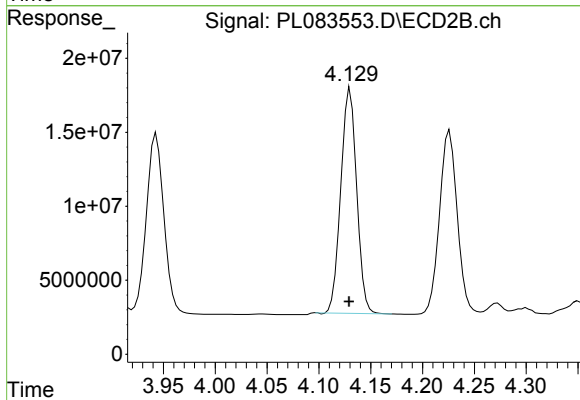
#7 delta-BHC

R.T.: 4.690 min
Delta R.T.: 0.003 min
Response: 126151216
Conc: 45.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153542BS

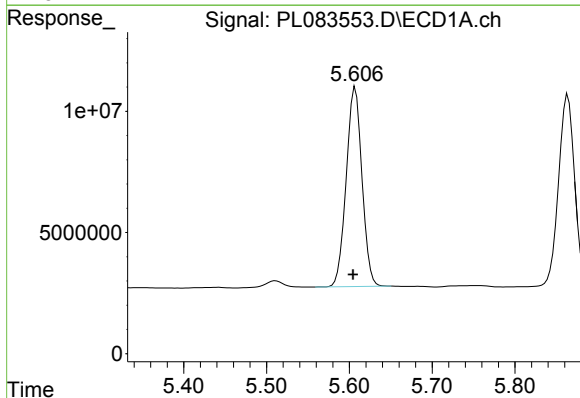
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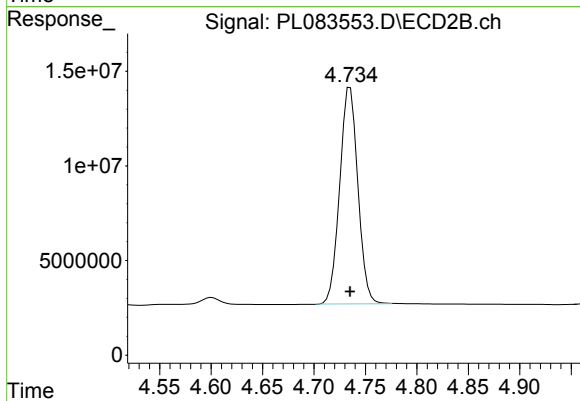
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.001 min
Response: 162089479
Conc: 50.29 ng/ml



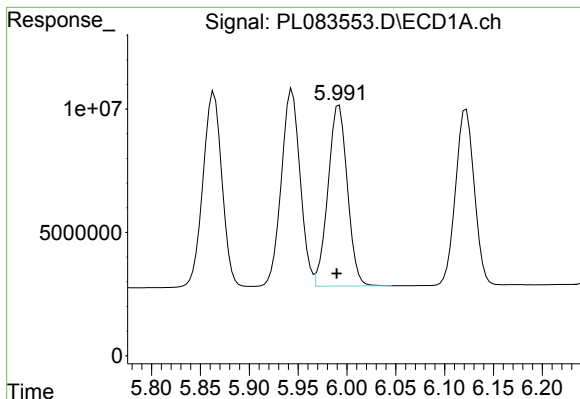
#8 Heptachlor epoxide

R.T.: 5.607 min
Delta R.T.: 0.003 min
Response: 108845171
Conc: 42.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.734 min
Delta R.T.: -0.001 min
Response: 140510130
Conc: 48.95 ng/ml m



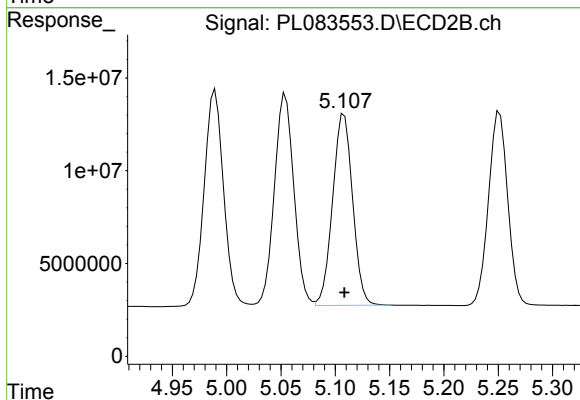
#9 Endosulfan I

R.T.: 5.992 min
Delta R.T.: 0.003 min
Response: 101220026
Conc: 45.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153542BS

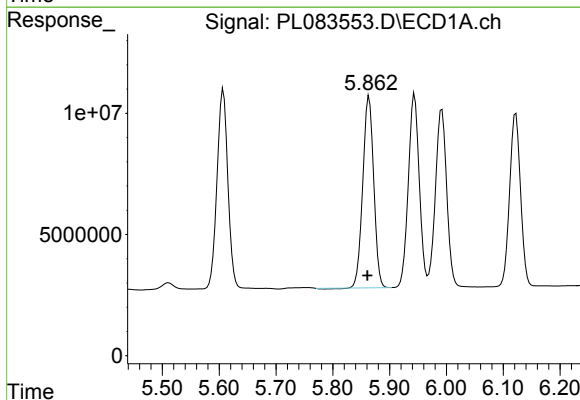
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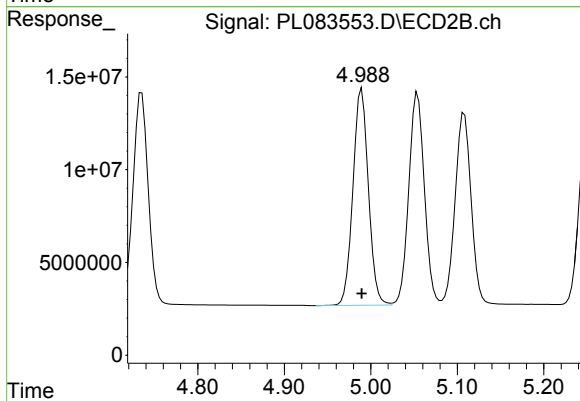
#9 Endosulfan I

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 132307821
Conc: 49.09 ng/ml



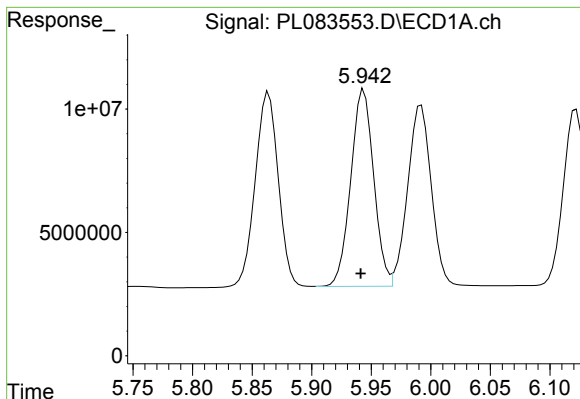
#10 gamma-Chlordane

R.T.: 5.864 min
Delta R.T.: 0.003 min
Response: 105344238
Conc: 43.79 ng/ml



#10 gamma-Chlordane

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 145105761
Conc: 49.04 ng/ml



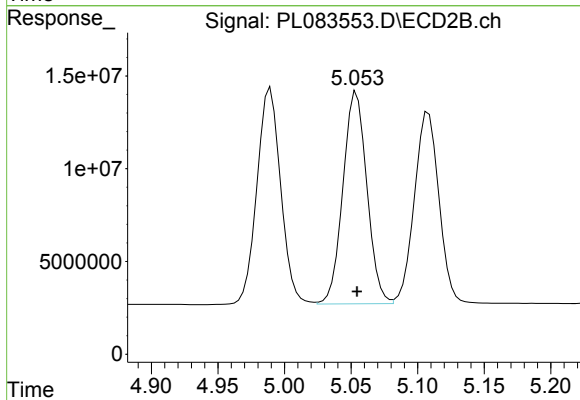
#11 alpha-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.003 min
Response: 107181558
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153542BS

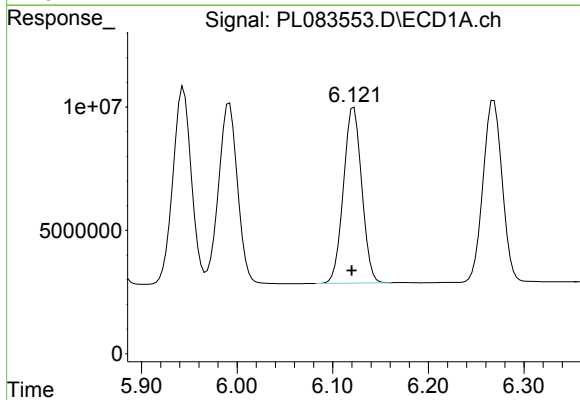
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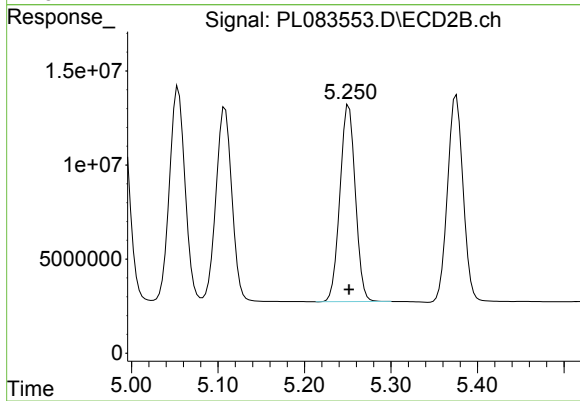
#11 alpha-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 143434380
Conc: 48.49 ng/ml



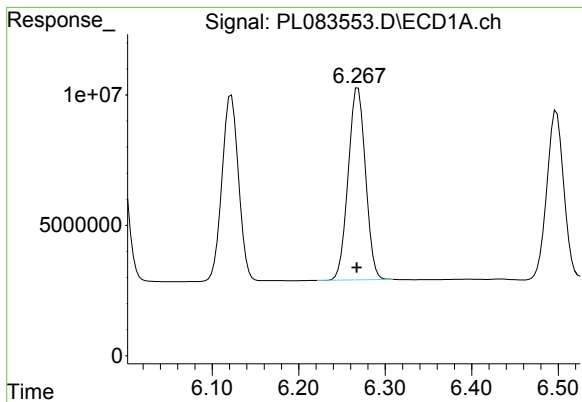
#12 4,4'-DDE

R.T.: 6.122 min
Delta R.T.: 0.002 min
Response: 95087318
Conc: 47.10 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 128573919
Conc: 50.33 ng/ml



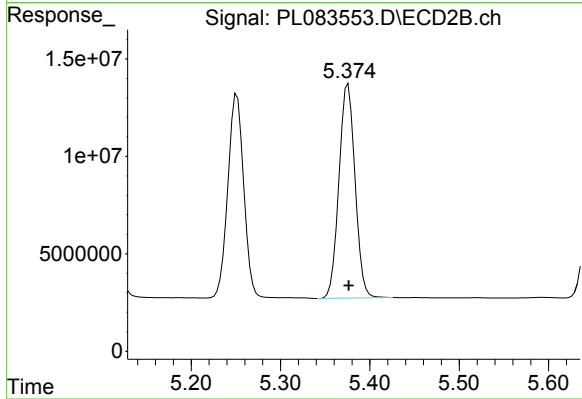
#13 Dieldrin

R.T.: 6.268 min
Delta R.T.: 0.002 min
Response: 102034129
Conc: 45.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153542BS

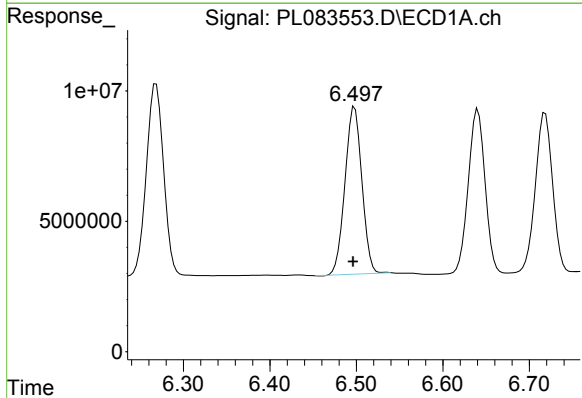
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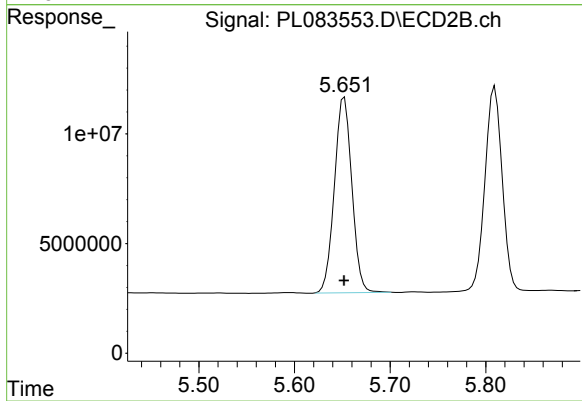
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 137447180
Conc: 49.01 ng/ml



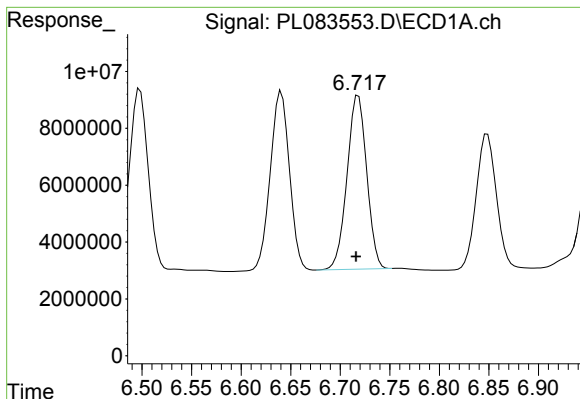
#14 Endrin

R.T.: 6.498 min
Delta R.T.: 0.002 min
Response: 86746196
Conc: 49.15 ng/ml



#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 113110290
Conc: 49.01 ng/ml



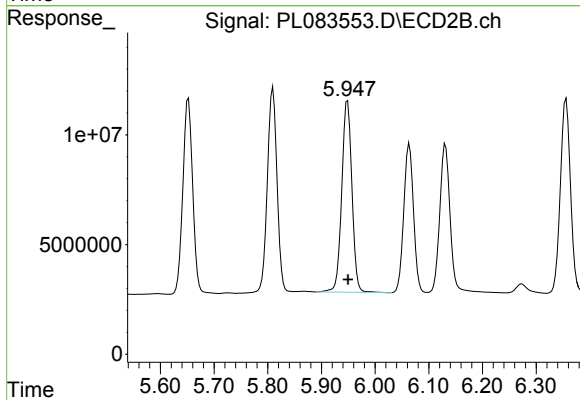
#15 Endosulfan II

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 84508655
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153542BS

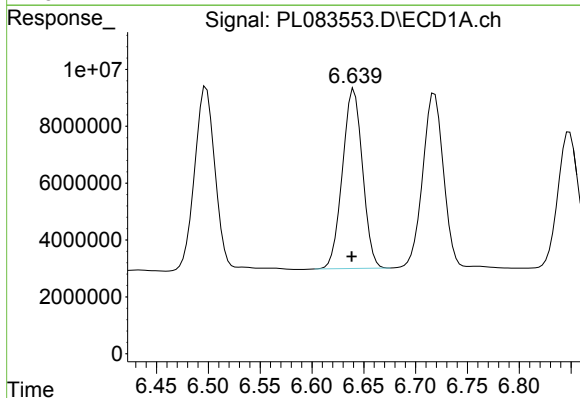
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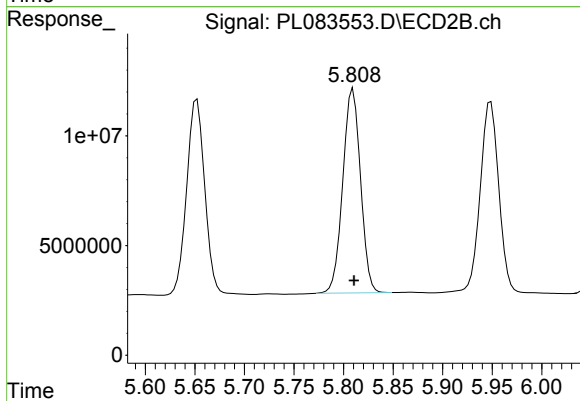
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 114907248
Conc: 48.41 ng/ml



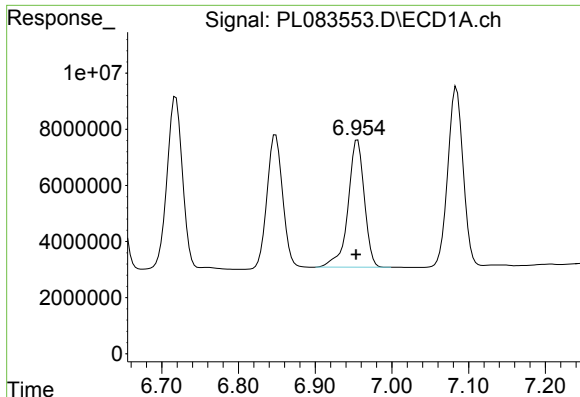
#16 4,4'-DDD

R.T.: 6.641 min
Delta R.T.: 0.002 min
Response: 85054779
Conc: 49.81 ng/ml



#16 4,4'-DDD

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 115899873
Conc: 52.56 ng/ml



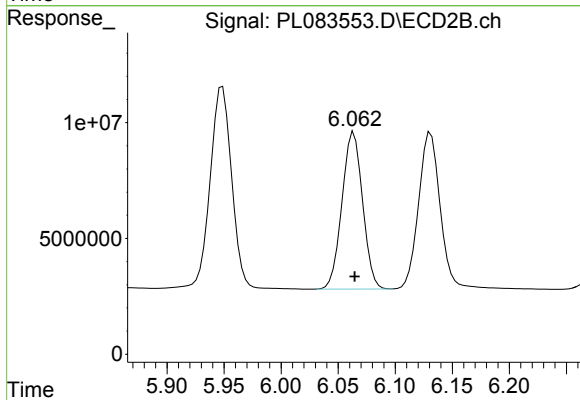
#17 4,4'-DDT

R.T.: 6.955 min
Delta R.T.: 0.002 min
Response: 67313744
Conc: 39.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153542BS

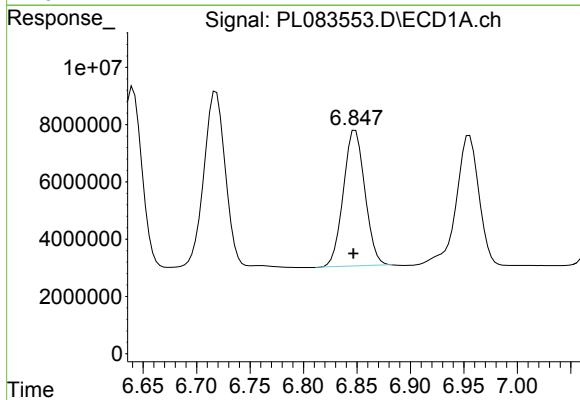
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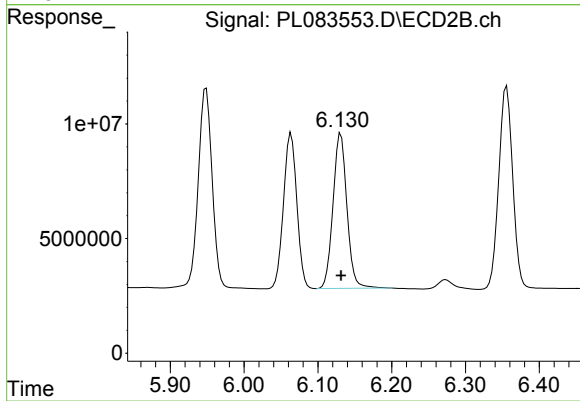
#17 4,4'-DDT

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 85270571
Conc: 40.84 ng/ml



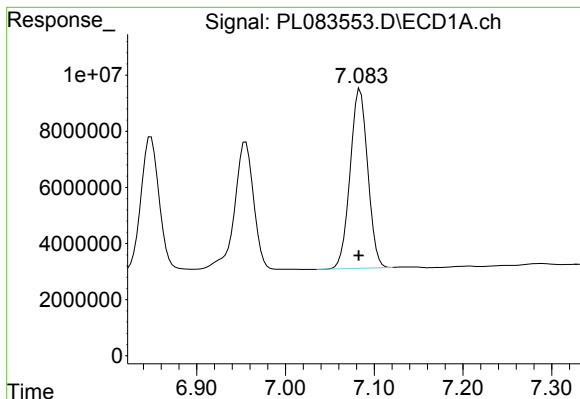
#18 Endrin aldehyde

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 66474457
Conc: 44.84 ng/ml m



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 88800924
Conc: 46.98 ng/ml



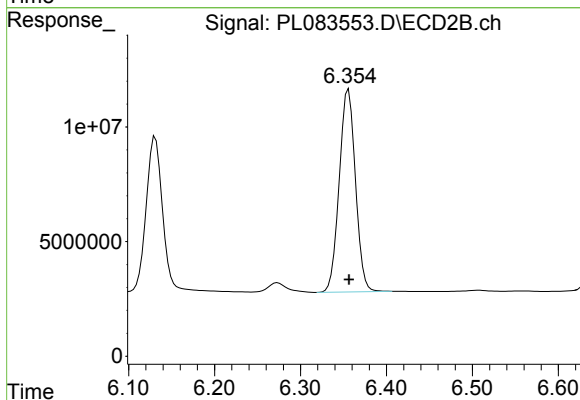
#19 Endosulfan Sulfate

R.T.: 7.084 min
Delta R.T.: 0.001 min
Response: 87998116
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153542BS

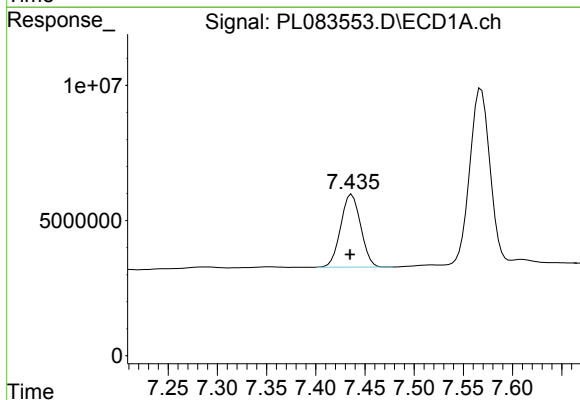
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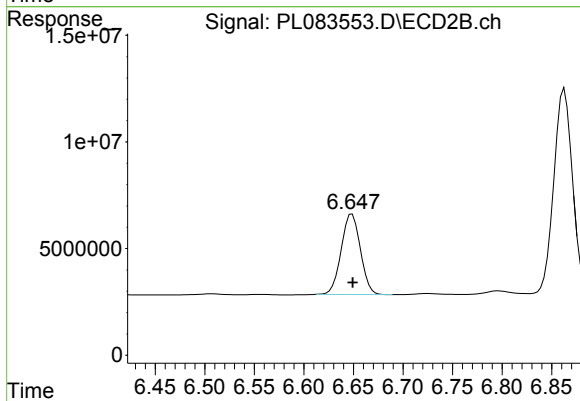
#19 Endosulfan Sulfate

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 115967048
Conc: 47.89 ng/ml



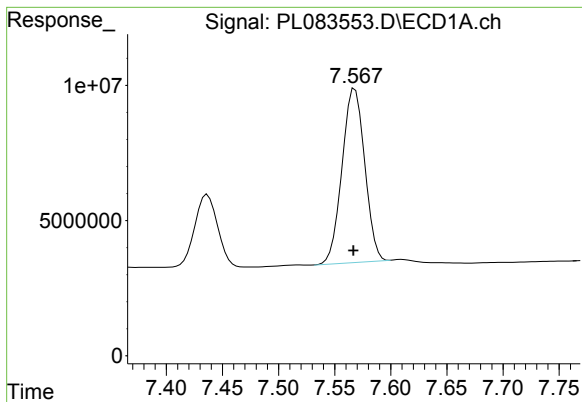
#20 Methoxychlor

R.T.: 7.437 min
Delta R.T.: 0.002 min
Response: 38128398
Conc: 42.04 ng/ml



#20 Methoxychlor

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 50888838
Conc: 42.23 ng/ml



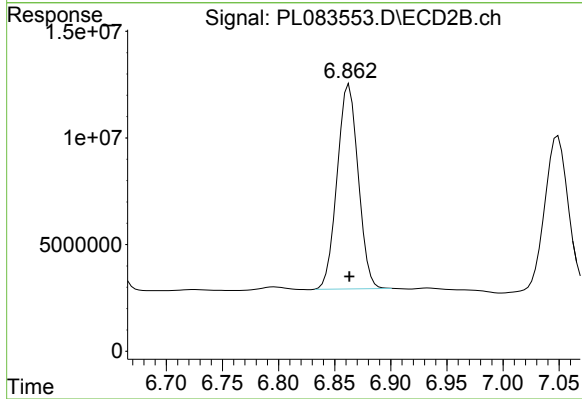
#21 Endrin ketone

R.T.: 7.568 min
Delta R.T.: 0.001 min
Response: 90433258
Conc: 42.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153542BS

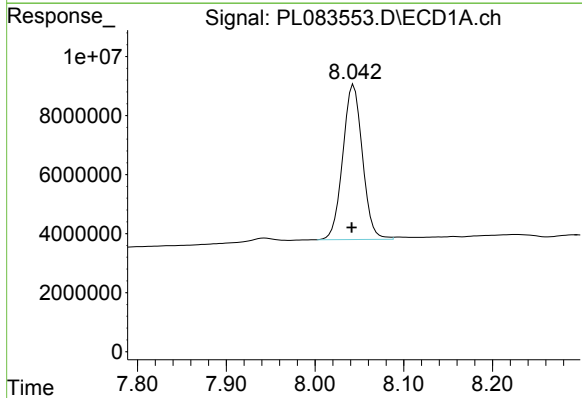
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Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



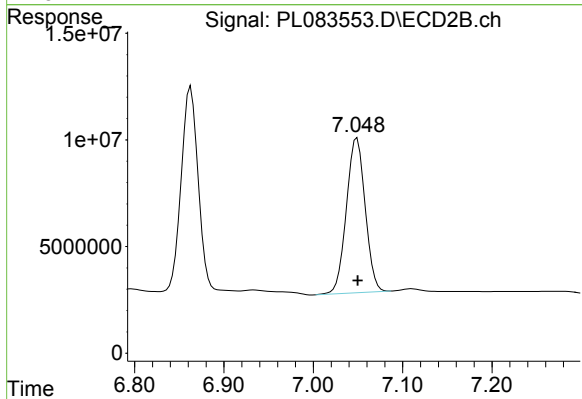
#21 Endrin ketone

R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 125249667
Conc: 44.55 ng/ml



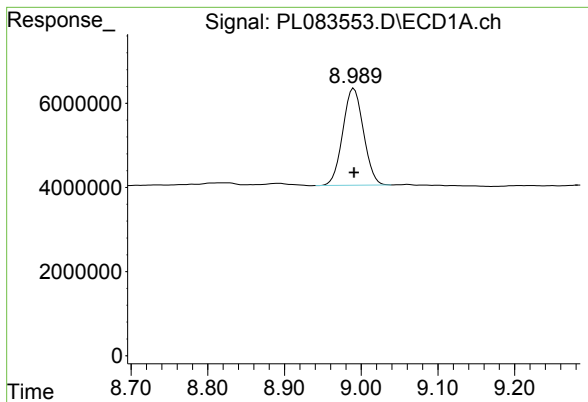
#22 Mirex

R.T.: 8.044 min
Delta R.T.: 0.002 min
Response: 80674872
Conc: 43.22 ng/ml



#22 Mirex

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 106006047
Conc: 44.05 ng/ml



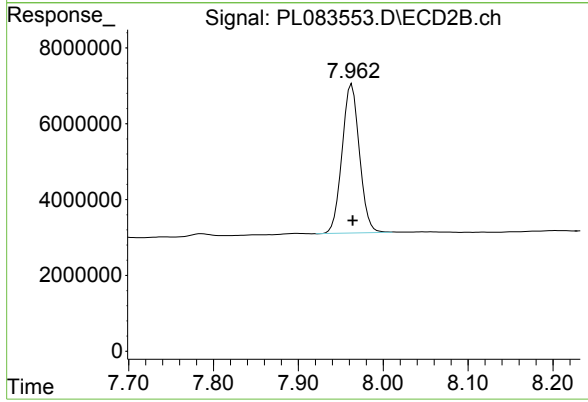
#28 Decachlorobiphenyl

R.T.: 8.990 min
Delta R.T.: 0.000 min
Response: 43313602
Conc: 22.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153542BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



#28 Decachlorobiphenyl

R.T.: 7.963 min
Delta R.T.: -0.001 min
Response: 55734423
Conc: 22.69 ng/ml