

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122523\
 Data File : PL087428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Dec 2023 16:11
 Operator : AR\AJ
 Sample : PB158036BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB158036BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/26/2023
 Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 23:28:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.422	2.677	46827481	19281174	12.443	11.454
28)	SA Decachlor...	8.980	7.864	46126642	20427757	13.527	12.095
Target Compounds							
2)	A alpha-BHC	3.878	3.179	176.2E6	73953174	32.551	30.092m
3)	MA gamma-BHC...	4.212	3.511	166.9E6	70392067	31.757	29.059
4)	MA Heptachlor	4.803	3.854	179.3E6	73701564	33.657m	30.834
5)	MB Aldrin	5.147	4.134	163.6E6	68840658	31.422	28.710
6)	B beta-BHC	4.410	3.813	74038262	29486635	32.236	28.325
7)	B delta-BHC	4.656	4.042	157.8E6	67931960	30.181m	27.770
8)	B Heptachlo...	5.578	4.641	151.3E6	64795476	32.107	29.118
9)	A Endosulfan I	5.964	5.013	142.1E6	62692680	31.819	29.009
10)	B gamma-Chl...	5.835	4.894	154.4E6	65374530	31.847	28.581
11)	B alpha-Chl...	5.916	4.959	152.5E6	66396075	31.726	28.768
12)	B 4,4'-DDE	6.097	5.157	129.4E6	55259072	31.237	27.831
13)	MA Dieldrin	6.242	5.280	142.6E6	62976978	30.729	28.269
14)	MA Endrin	6.471	5.555	125.0E6	59227087	32.487	29.678
15)	B Endosulfa...	6.694	5.853	121.4E6	53926089	30.269	27.697
16)	A 4,4'-DDD	6.617	5.716	103.4E6	47005390	31.296	28.389
17)	MA 4,4'-DDT	6.934	5.968	121.9E6	53114153	32.417	28.799
18)	B Endrin al...	6.825	6.035	92413187	42299846	31.885	28.822
19)	B Endosulfa...	7.061	6.259	123.7E6	55450964	31.488	29.435m
20)	A Methoxychlor	7.419	6.555	64924415	30136439	33.296	29.505
21)	B Endrin ke...	7.546	6.765	127.8E6	62788642	31.411m	29.496m
22)	Mirex	8.024	6.947	105.3E6	51535968	31.259	28.967

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122523\
 Data File : PL087428.D
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 Acq On : 25 Dec 2023 16:11
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Manual Integrations

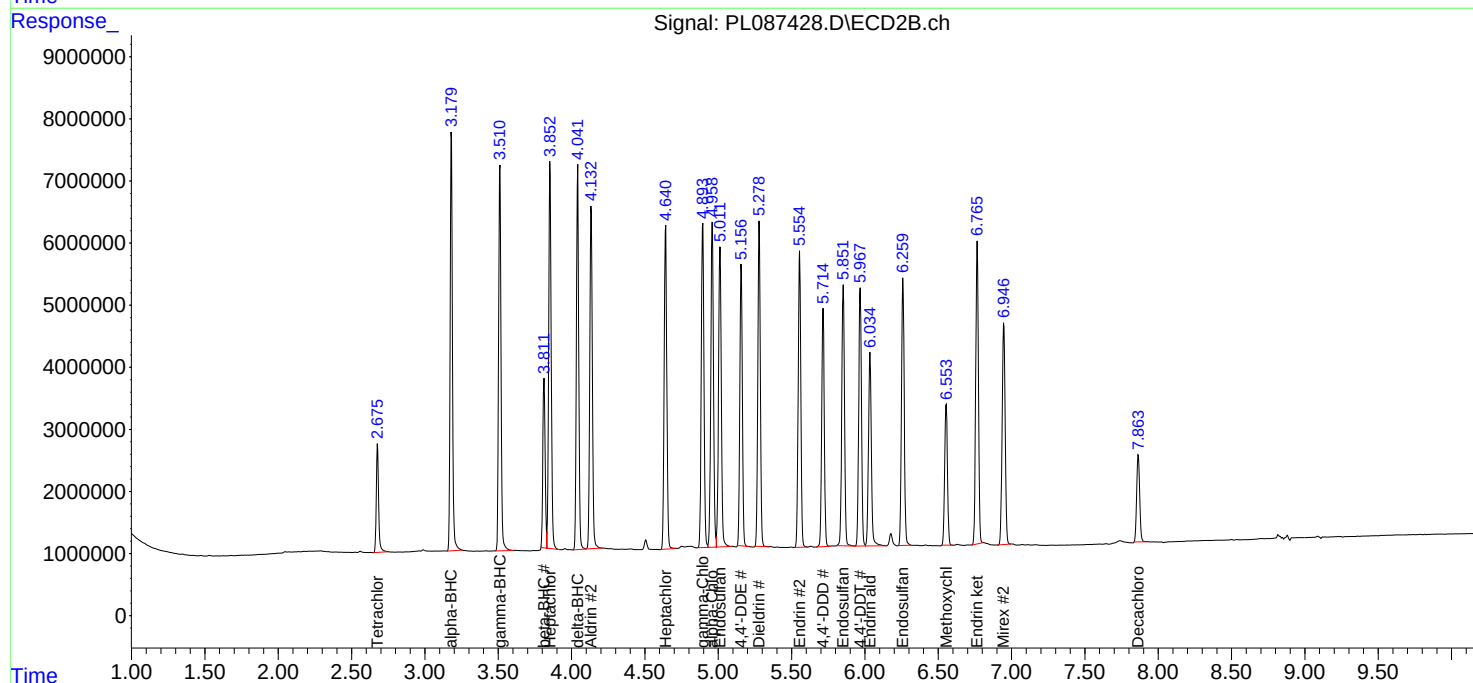
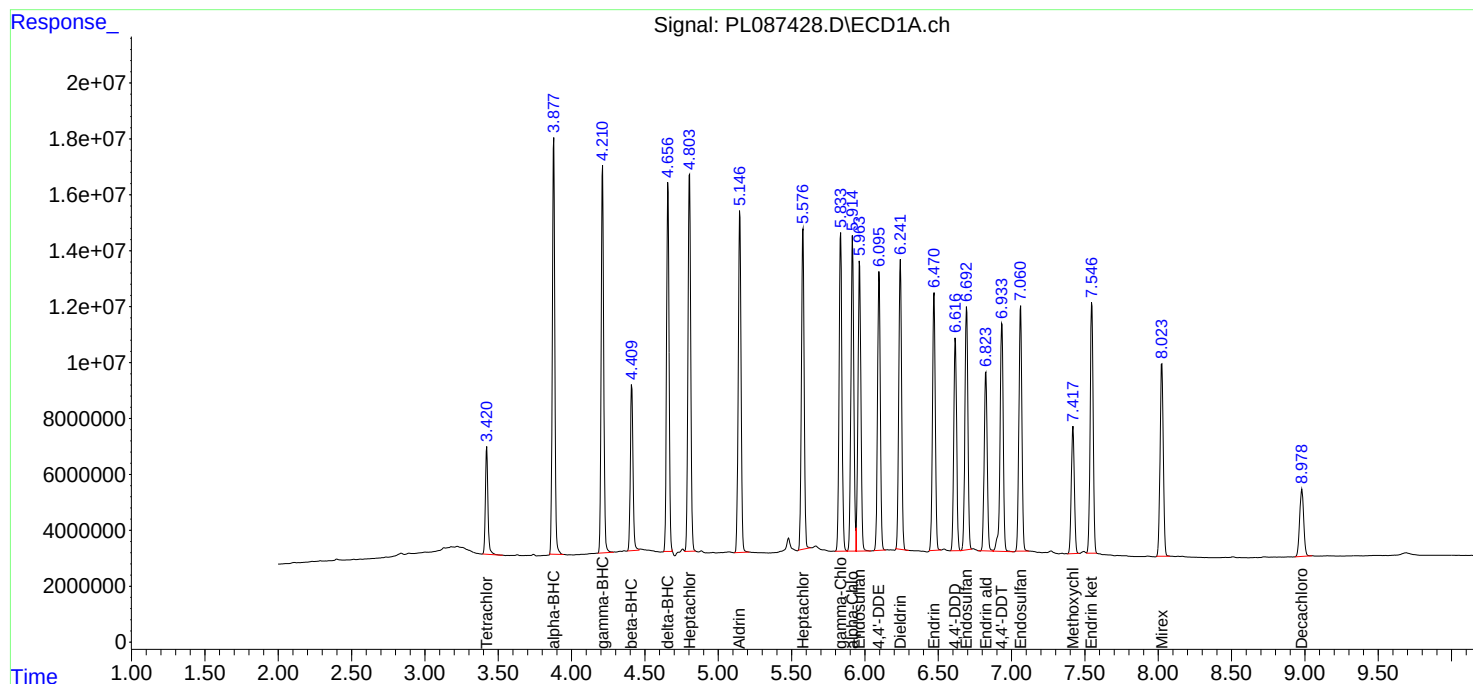
APPROVED

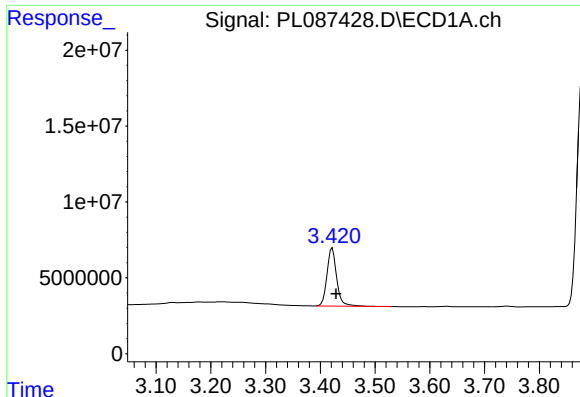
Reviewed By :Abdul Mirza 12/26/2023

Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 23:28:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
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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





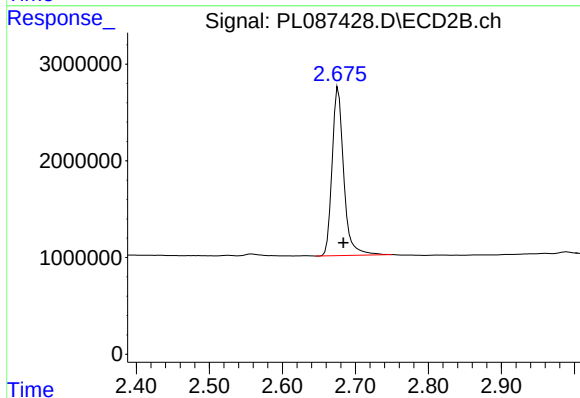
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 46827481
Conc: 12.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158036BS

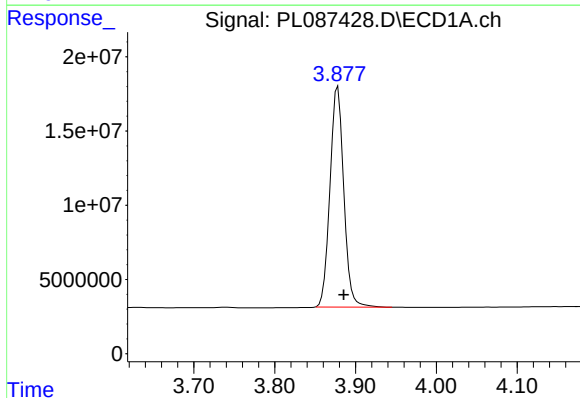
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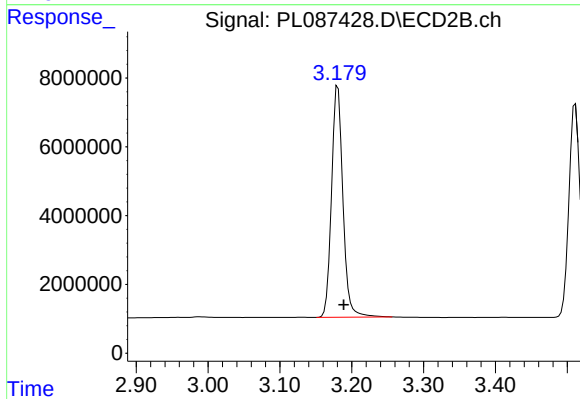
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.007 min
Response: 19281174
Conc: 11.45 ng/ml



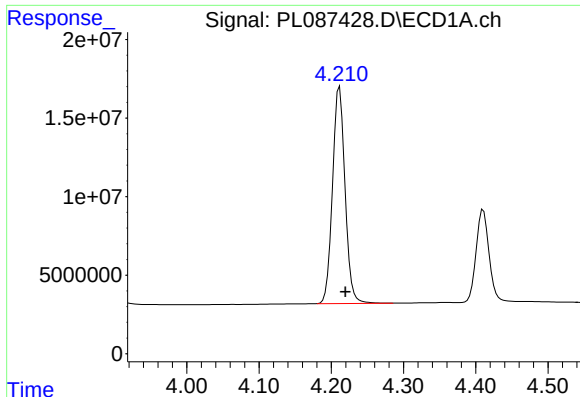
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 176234901
Conc: 32.55 ng/ml



#2 alpha-BHC

R.T.: 3.179 min
Delta R.T.: -0.010 min
Response: 73953174
Conc: 30.09 ng/ml m



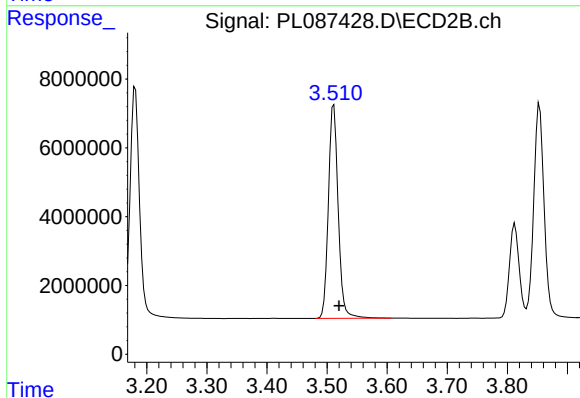
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 166904838
Conc: 31.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158036BS

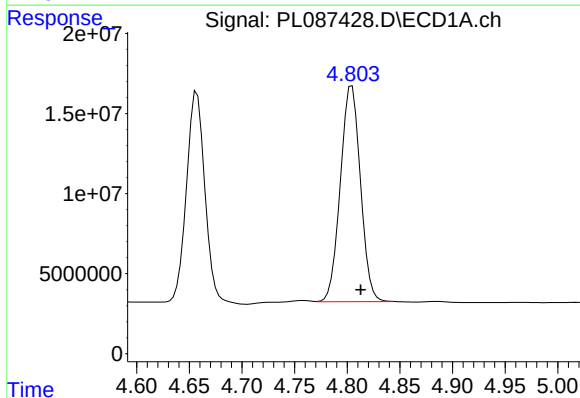
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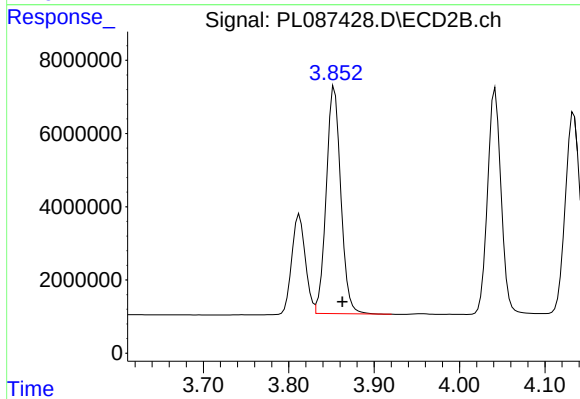
#3 gamma-BHC (Lindane)

R.T.: 3.511 min
Delta R.T.: -0.009 min
Response: 70392067
Conc: 29.06 ng/ml



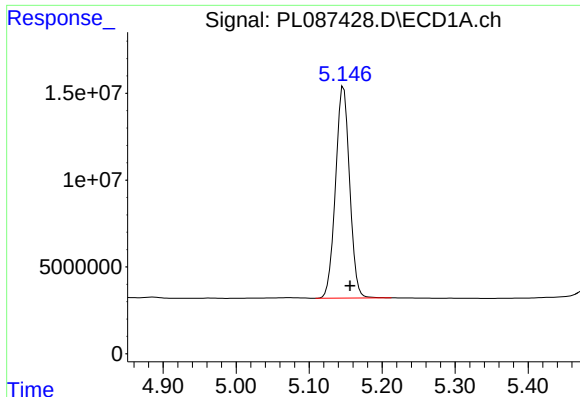
#4 Heptachlor

R.T.: 4.803 min
Delta R.T.: -0.010 min
Response: 179276727
Conc: 33.66 ng/ml m



#4 Heptachlor

R.T.: 3.854 min
Delta R.T.: -0.009 min
Response: 73701564
Conc: 30.83 ng/ml



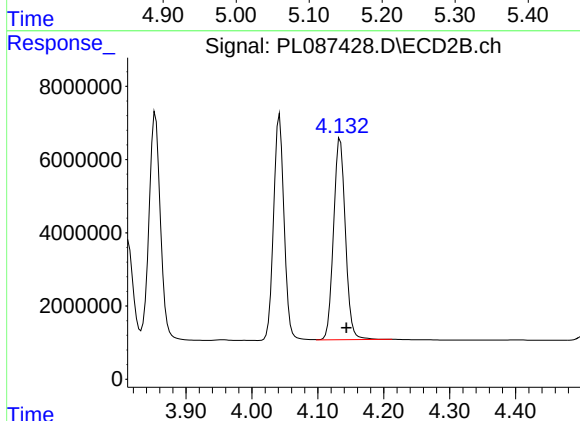
#5 Aldrin

R.T.: 5.147 min
Delta R.T.: -0.009 min
Response: 163594371
Conc: 31.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158036BS

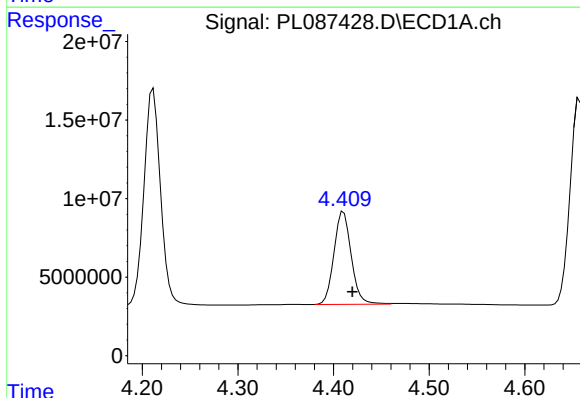
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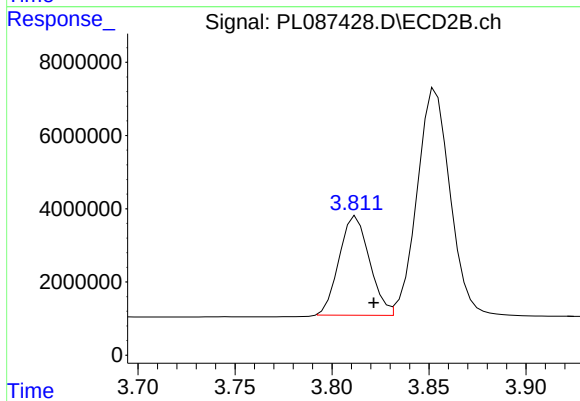
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.010 min
Response: 68840658
Conc: 28.71 ng/ml



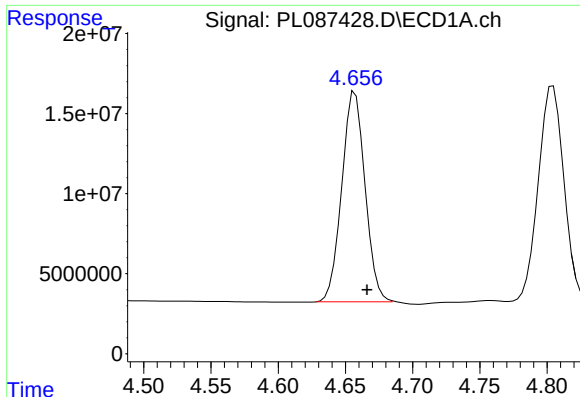
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: -0.009 min
Response: 74038262
Conc: 32.24 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.009 min
Response: 29486635
Conc: 28.33 ng/ml



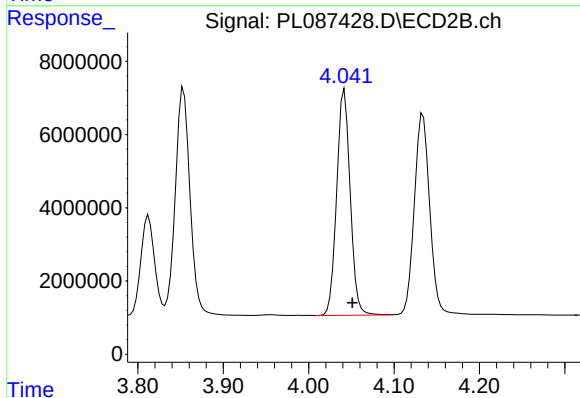
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.010 min
Response: 157829004
Conc: 30.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158036BS

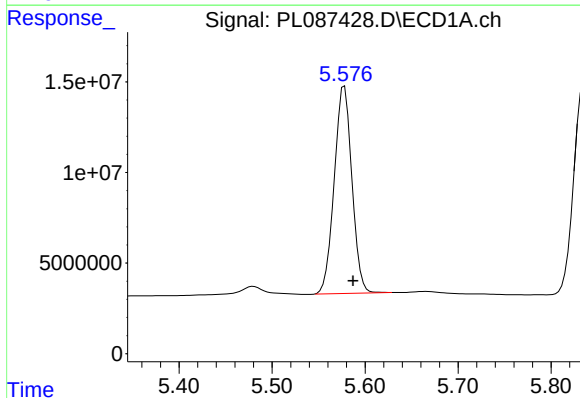
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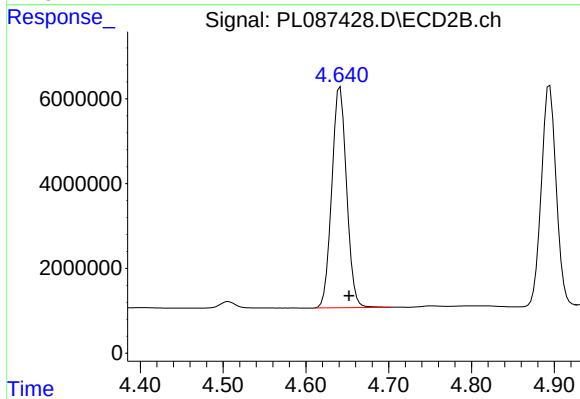
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.009 min
Response: 67931960
Conc: 27.77 ng/ml



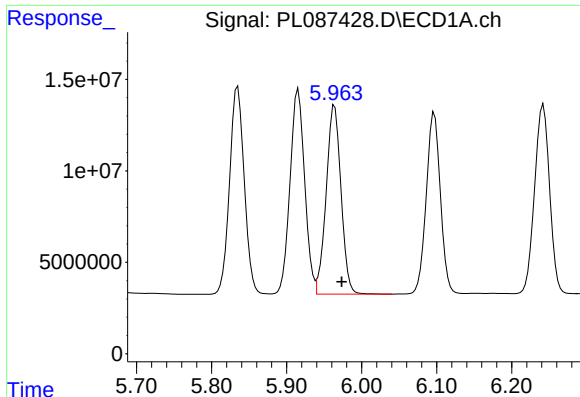
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 151315332
Conc: 32.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.011 min
Response: 64795476
Conc: 29.12 ng/ml



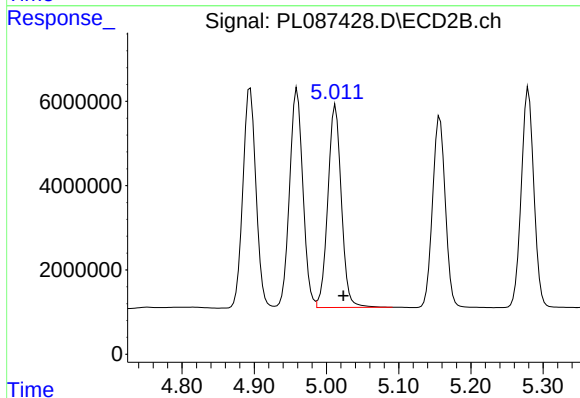
#9 Endosulfan I

R.T.: 5.964 min
Delta R.T.: -0.009 min
Response: 142114232
Conc: 31.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158036BS

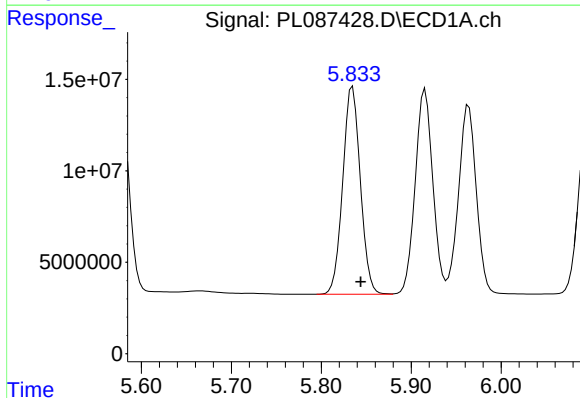
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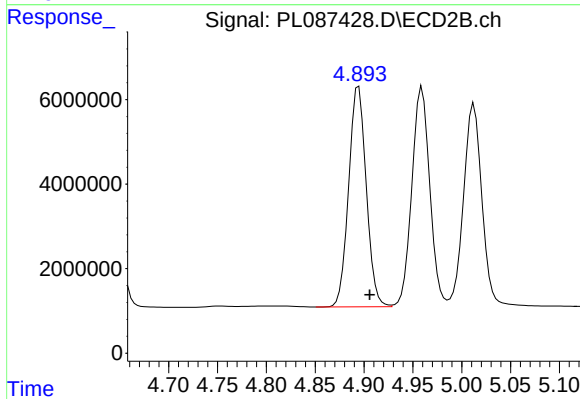
#9 Endosulfan I

R.T.: 5.013 min
Delta R.T.: -0.011 min
Response: 62692680
Conc: 29.01 ng/ml



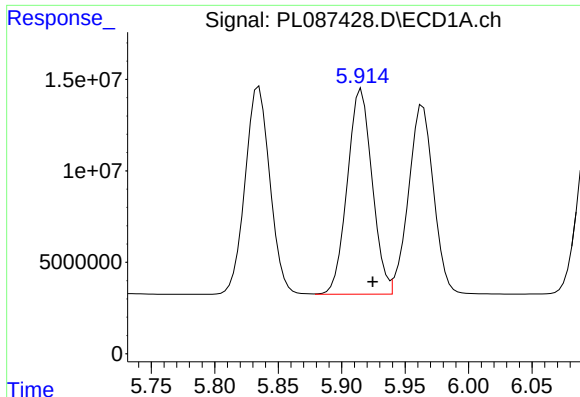
#10 gamma-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.009 min
Response: 154394134
Conc: 31.85 ng/ml



#10 gamma-Chlordane

R.T.: 4.894 min
Delta R.T.: -0.011 min
Response: 65374530
Conc: 28.58 ng/ml



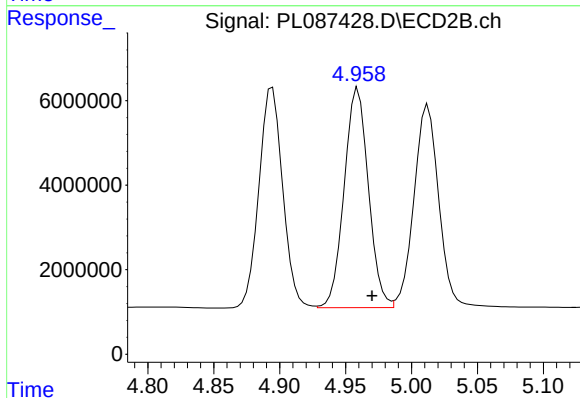
#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.009 min
Response: 152477943
Conc: 31.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158036BS

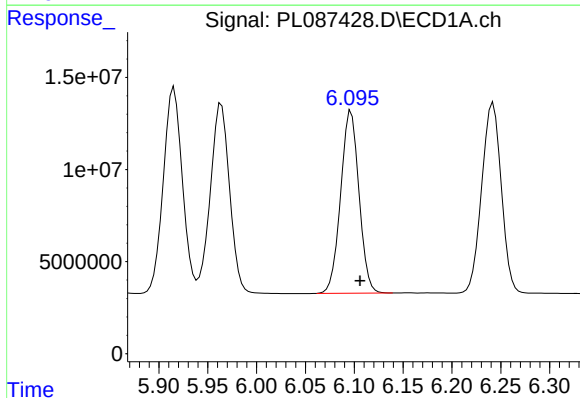
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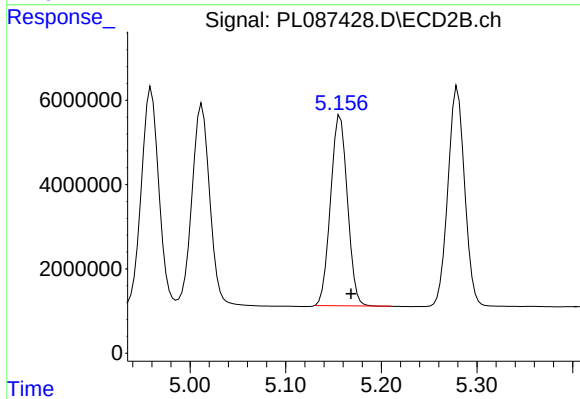
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: -0.011 min
Response: 66396075
Conc: 28.77 ng/ml



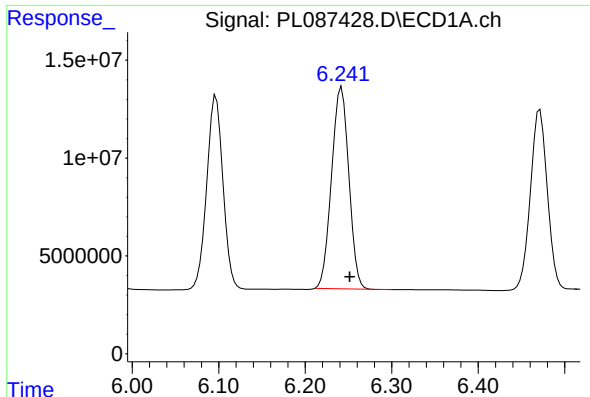
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: -0.009 min
Response: 129447793
Conc: 31.24 ng/ml



#12 4,4'-DDE

R.T.: 5.157 min
Delta R.T.: -0.011 min
Response: 55259072
Conc: 27.83 ng/ml



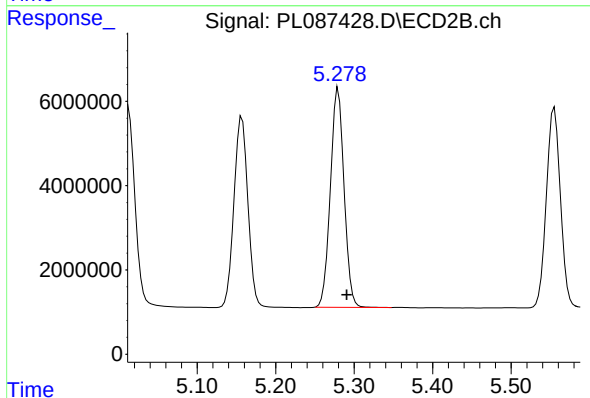
#13 Dieldrin

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 142610938
Conc: 30.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158036BS

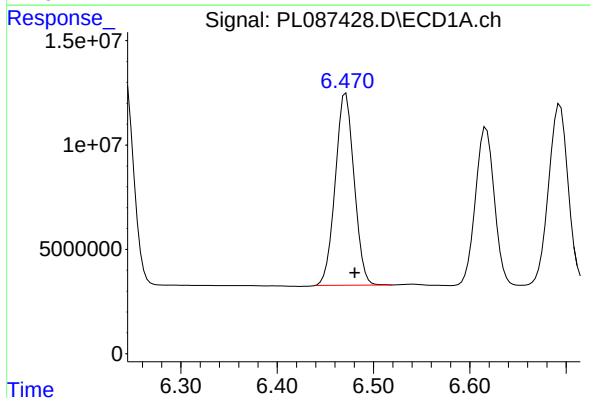
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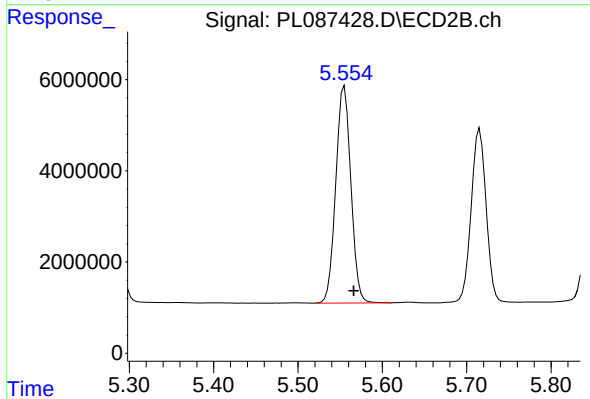
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: -0.011 min
Response: 62976978
Conc: 28.27 ng/ml



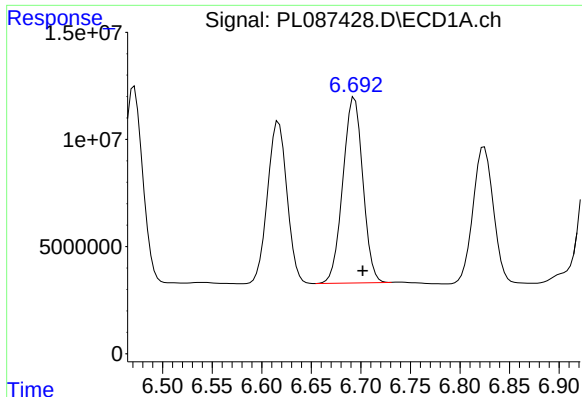
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.009 min
Response: 124990687
Conc: 32.49 ng/ml



#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.011 min
Response: 59227087
Conc: 29.68 ng/ml



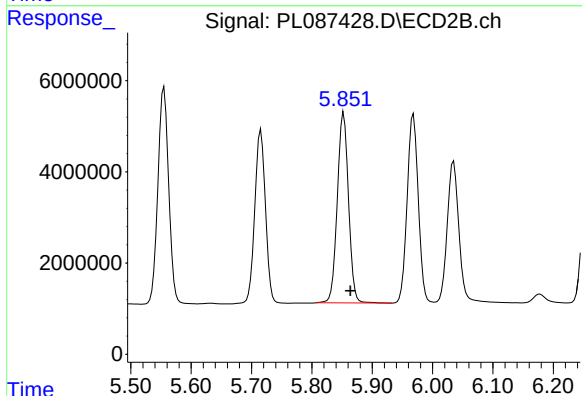
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: -0.008 min
Response: 121391617
Conc: 30.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158036BS

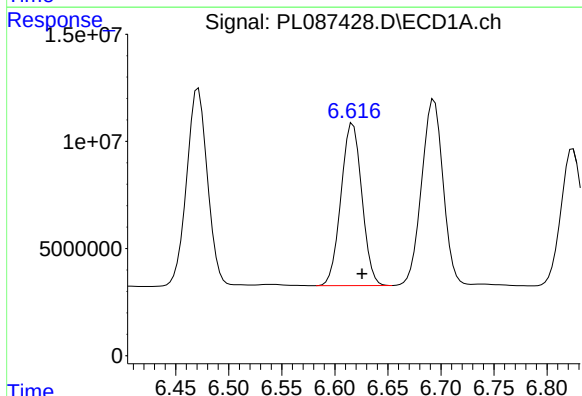
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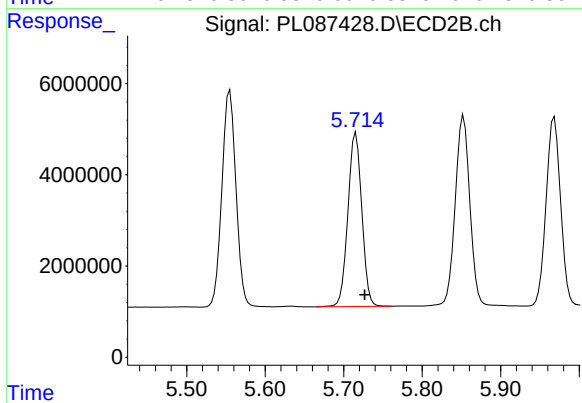
#15 Endosulfan II

R.T.: 5.853 min
Delta R.T.: -0.011 min
Response: 53926089
Conc: 27.70 ng/ml



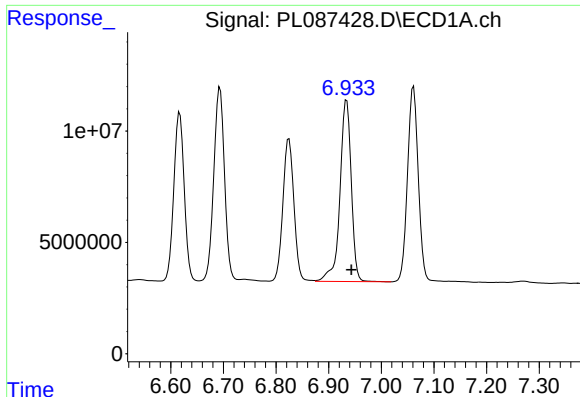
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: -0.009 min
Response: 103435306
Conc: 31.30 ng/ml



#16 4,4'-DDD

R.T.: 5.716 min
Delta R.T.: -0.011 min
Response: 47005390
Conc: 28.39 ng/ml



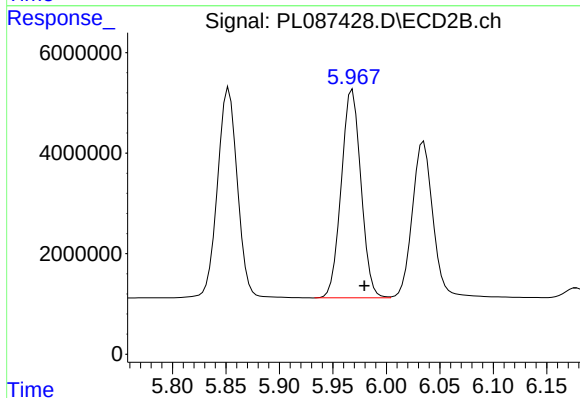
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.009 min
Response: 121893907
Conc: 32.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158036BS

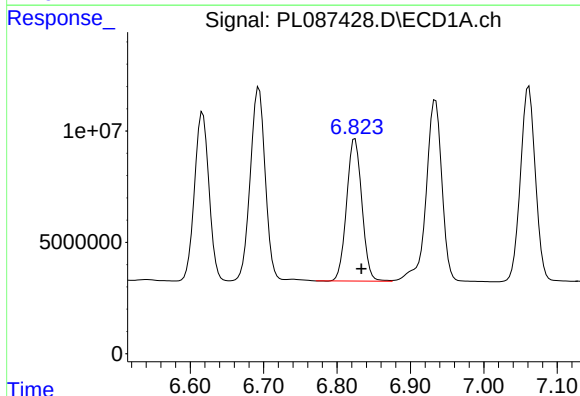
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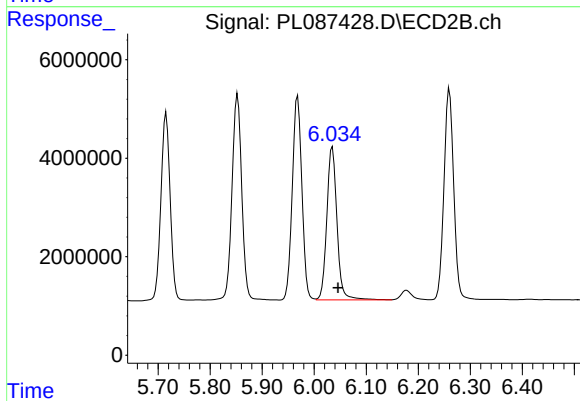
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.011 min
Response: 53114153
Conc: 28.80 ng/ml



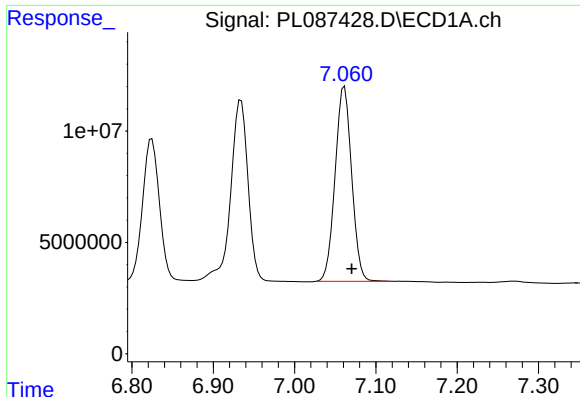
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: -0.009 min
Response: 92413187
Conc: 31.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.011 min
Response: 42299846
Conc: 28.82 ng/ml



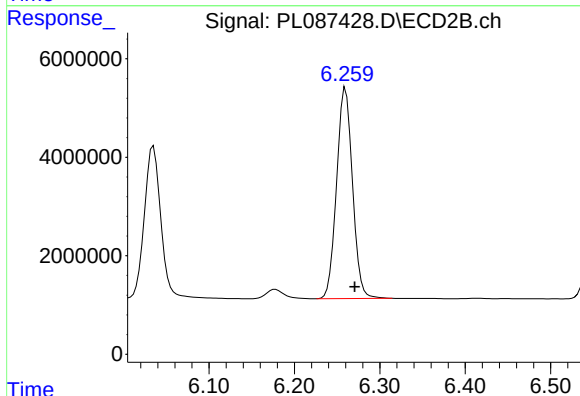
#19 Endosulfan Sulfate

R.T.: 7.061 min
Delta R.T.: -0.009 min
Response: 123650100
Conc: 31.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158036BS

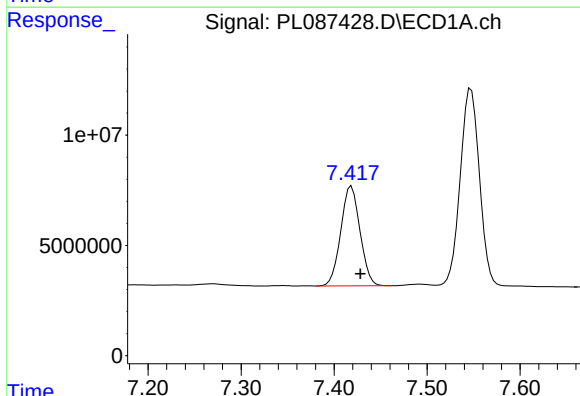
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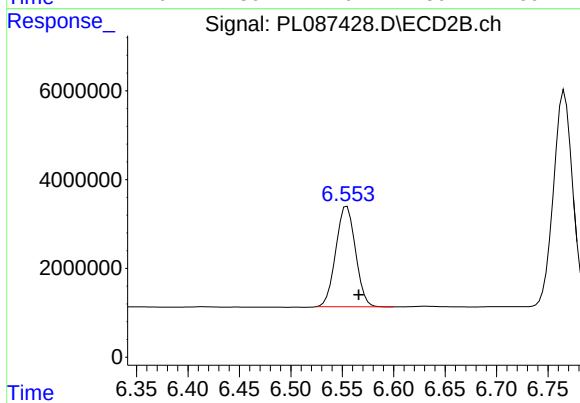
#19 Endosulfan Sulfate

R.T.: 6.259 min
Delta R.T.: -0.012 min
Response: 55450964
Conc: 29.44 ng/ml m



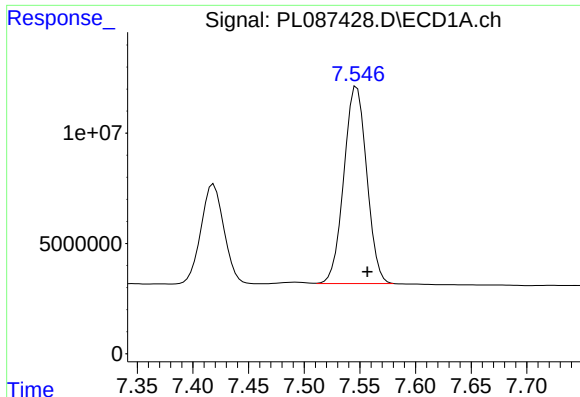
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.009 min
Response: 64924415
Conc: 33.30 ng/ml



#20 Methoxychlor

R.T.: 6.555 min
Delta R.T.: -0.011 min
Response: 30136439
Conc: 29.51 ng/ml



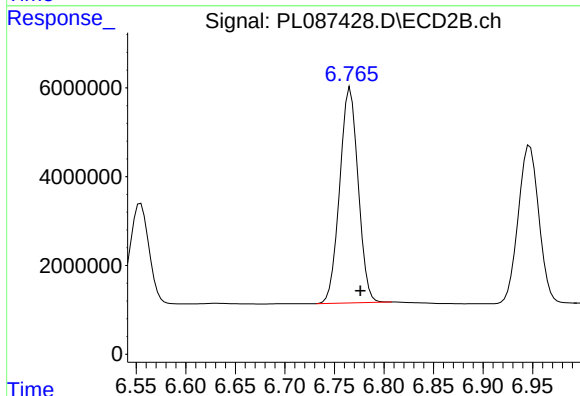
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.011 min
Response: 127786513
Conc: 31.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158036BS

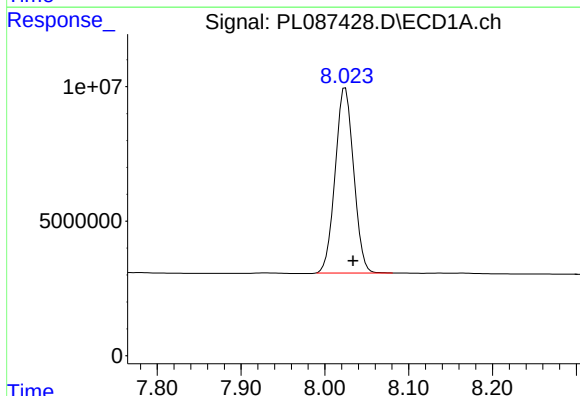
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APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



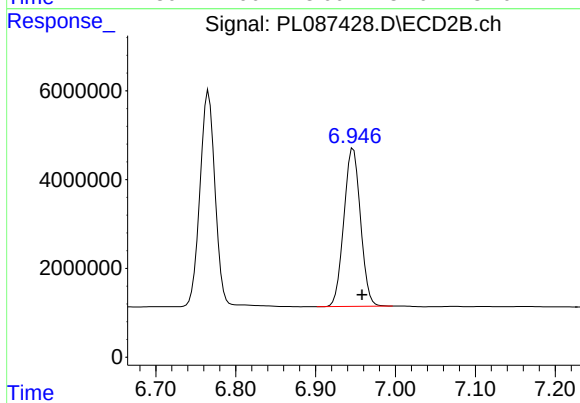
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.012 min
Response: 62788642
Conc: 29.50 ng/ml m



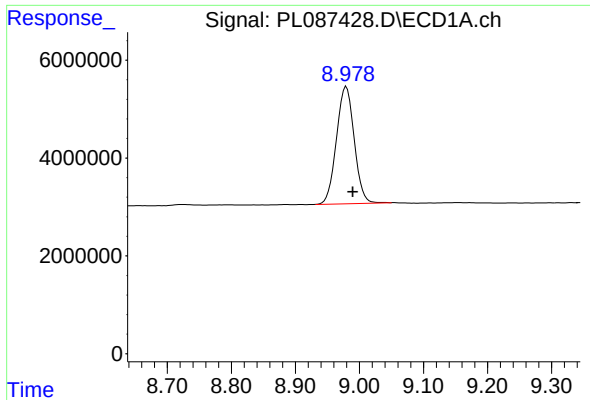
#22 Mirex

R.T.: 8.024 min
Delta R.T.: -0.009 min
Response: 105279124
Conc: 31.26 ng/ml



#22 Mirex

R.T.: 6.947 min
Delta R.T.: -0.011 min
Response: 51535968
Conc: 28.97 ng/ml



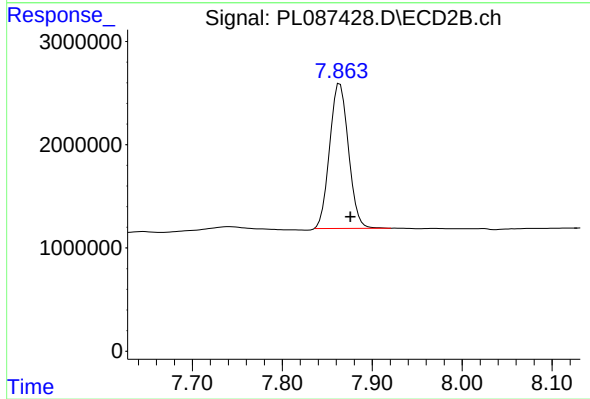
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.010 min
Response: 46126642
Conc: 13.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158036BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: -0.012 min
Response: 20427757
Conc: 12.09 ng/ml