

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020623\
 Data File : PL080767.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 13:49
 Operator : AR\AJ
 Sample : PB150683BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150683BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/07/2023
 Supervised By :Ankita Jodhani 02/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:25:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.357	2.688	48375066	45687419	22.554	20.801
28)	SA Decachlor...	8.797	7.837	42593950	51065887	24.329	21.433
Target Compounds							
2)	A alpha-BHC	3.806	3.189	169.4E6	152.9E6	53.479	48.068
3)	MA gamma-BHC...	4.134	3.518	157.0E6	141.9E6	53.399	47.511
4)	MA Heptachlor	4.718	3.859	154.4E6	144.9E6	52.263	45.538
5)	MB Aldrin	5.057	4.138	145.4E6	140.3E6	53.141	47.559
6)	B beta-BHC	4.331	3.814	65803192	59859979	48.207	44.851
7)	B delta-BHC	4.574	4.044	155.0E6	138.9E6	53.544	48.168
8)	B Heptachlo...	5.482	4.641	133.0E6	127.5E6	51.395	45.830
9)	A Endosulfan I	5.863	5.009	121.8E6	114.3E6	51.589	43.927
10)	B gamma-Chl...	5.736	4.890	132.4E6	129.2E6	52.435	45.574m
11)	B alpha-Chl...	5.815	4.955	131.1E6	125.7E6	51.954	43.892
12)	B 4,4'-DDE	5.993	5.148	116.9E6	108.8E6	52.473	46.113
13)	MA Dieldrin	6.138	5.275	129.2E6	126.5E6	53.970	46.765
14)	MA Endrin	6.365	5.549	114.9E6	112.4E6	53.146	48.411
15)	B Endosulfa...	6.583	5.844	109.2E6	109.5E6	47.646	52.549
16)	A 4,4'-DDD	6.508	5.702	98327792	91226612	53.673	48.545
17)	MA 4,4'-DDT	6.820	5.953	98823002	93336358	47.564	44.414
18)	B Endrin al...	6.714	6.024	92576097	90780526	55.655	49.713
19)	B Endosulfa...	6.948	6.247	109.3E6	109.7E6	52.819	47.167
20)	A Methoxychlor	7.299	6.531	53020316	53475052	48.057	44.068
21)	B Endrin ke...	7.427	6.750	118.9E6	121.8E6	53.910	47.699m
22)	Mirex	7.898	6.935	89641479	105.4E6	52.124	46.304

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020623\
Data File : PL080767.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2023 13:49
Operator : AR\AJ
Sample : PB150683BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

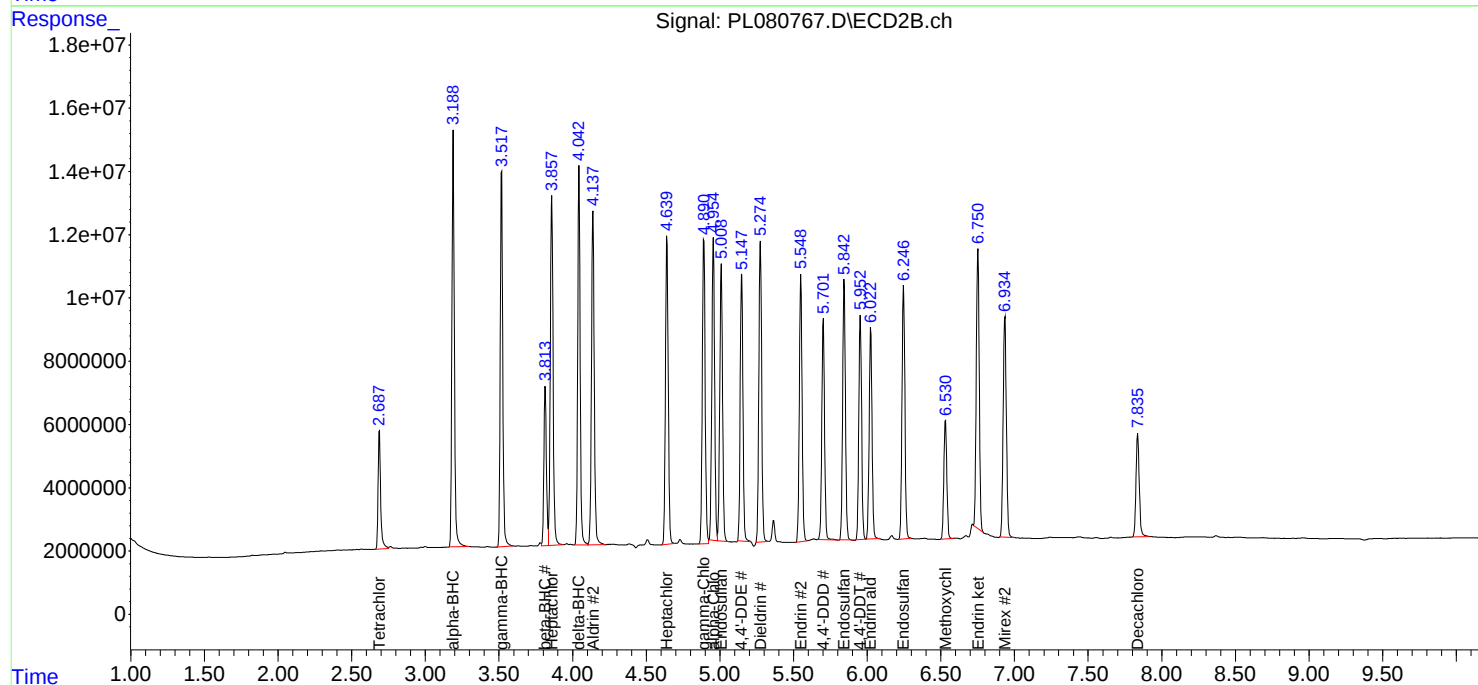
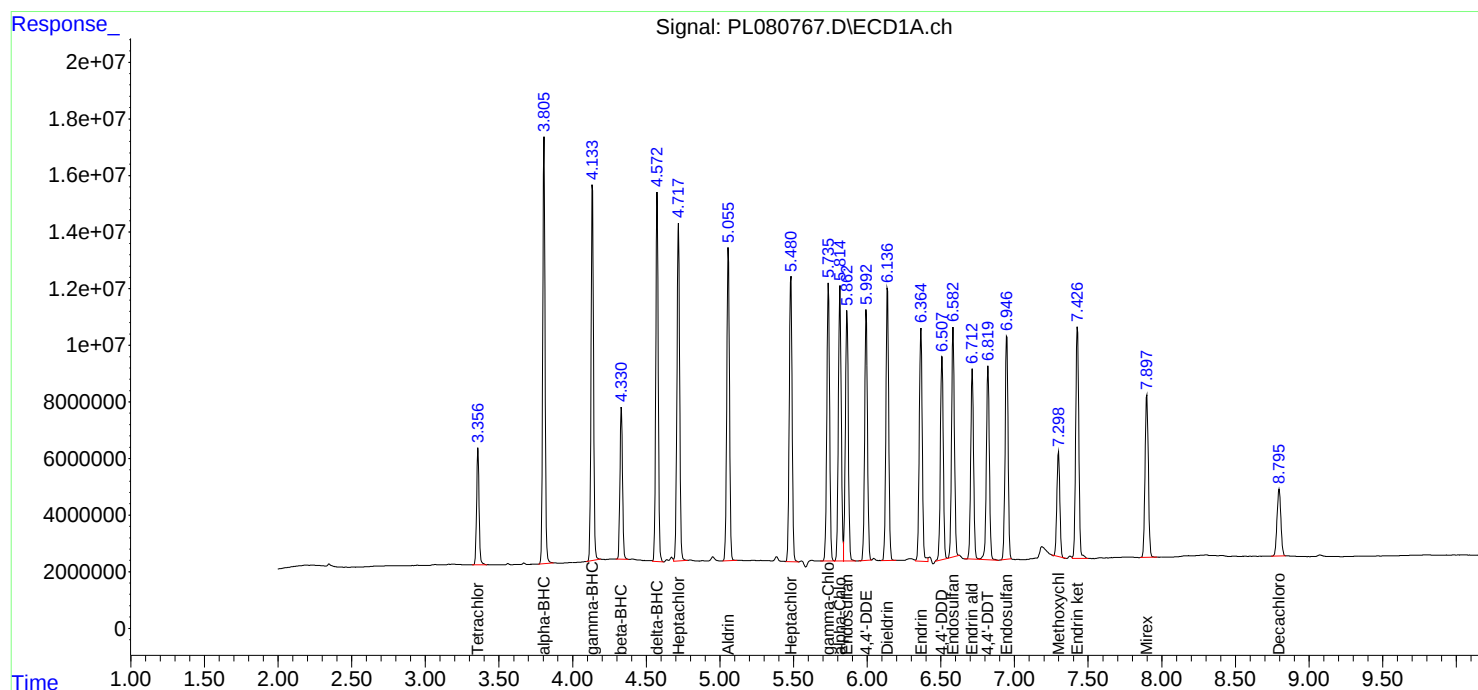
Instrument :
ECD_L
ClientSampleId :
PB150683BSD

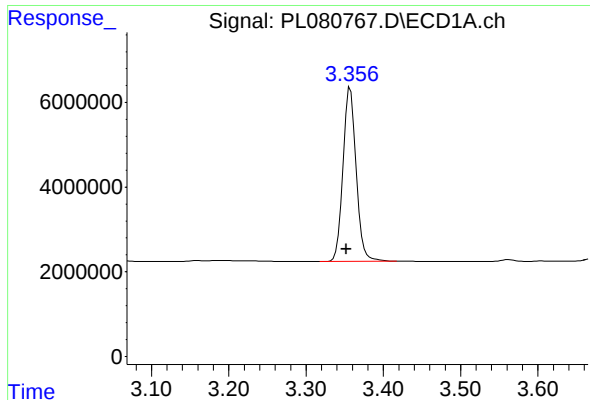
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 21:25:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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





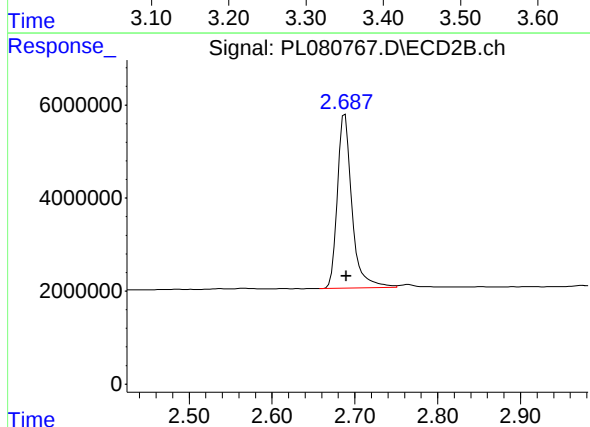
#1 Tetrachloro-m-xylene

R.T.: 3.357 min
Delta R.T.: 0.005 min
Response: 48375066
Conc: 22.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BSD

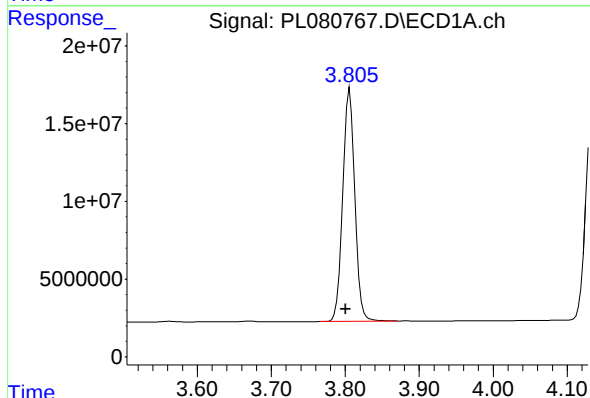
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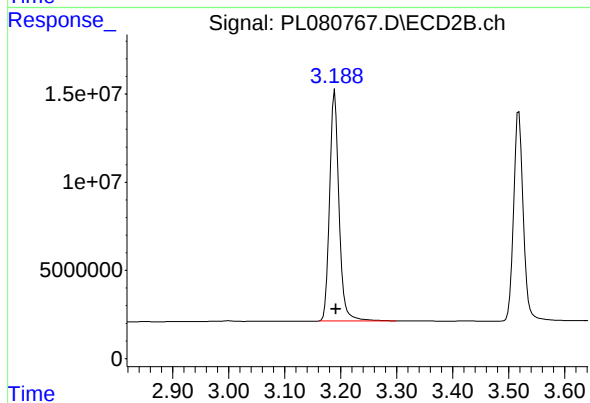
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 45687419
Conc: 20.80 ng/ml



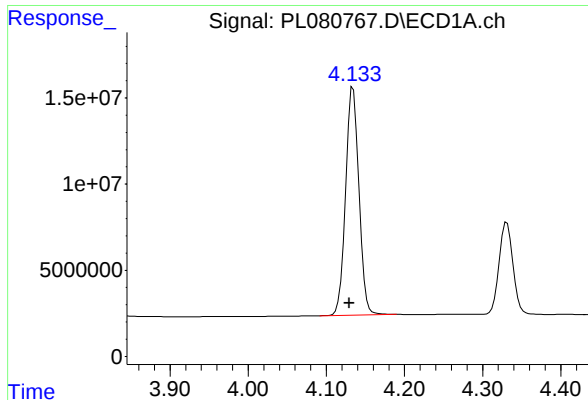
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.005 min
Response: 169423113
Conc: 53.48 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 152875836
Conc: 48.07 ng/ml



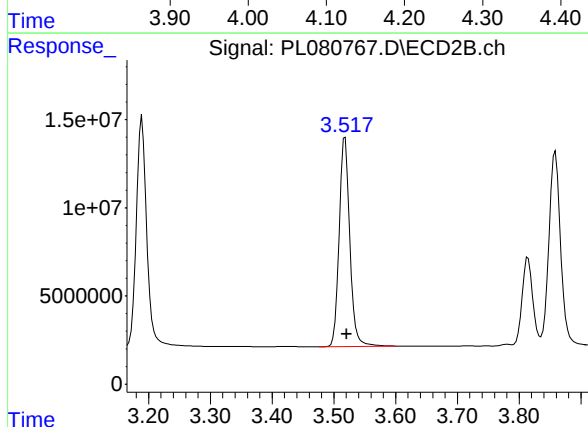
#3 gamma-BHC (Lindane)

R.T.: 4.134 min
Delta R.T.: 0.005 min
Response: 156980494
Conc: 53.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BSD

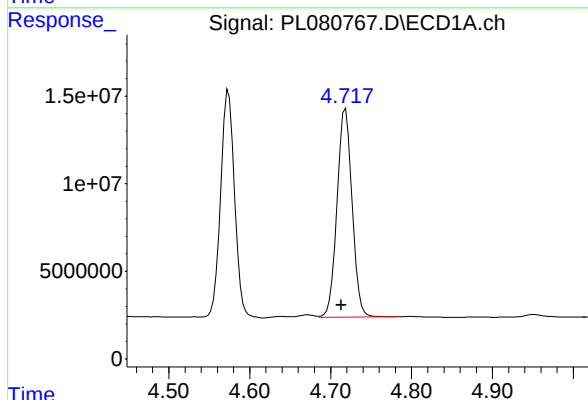
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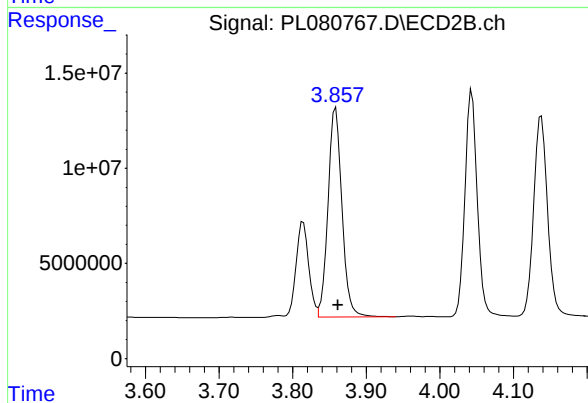
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 141930211
Conc: 47.51 ng/ml



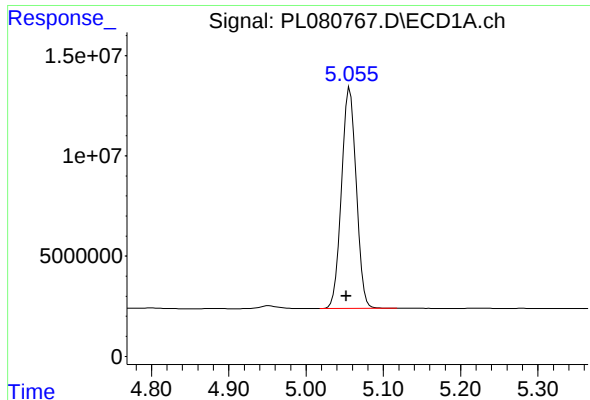
#4 Heptachlor

R.T.: 4.718 min
Delta R.T.: 0.005 min
Response: 154448757
Conc: 52.26 ng/ml



#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 144918516
Conc: 45.54 ng/ml



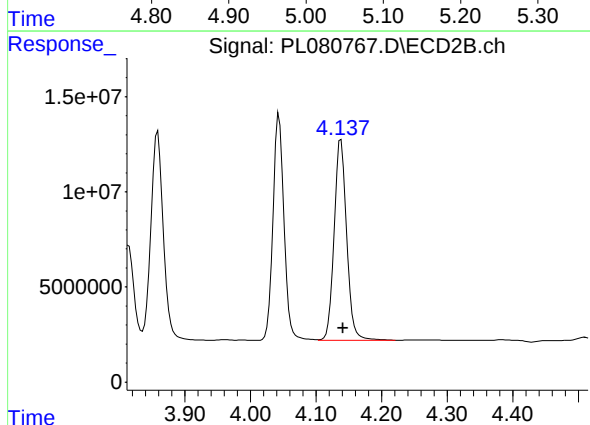
#5 Aldrin

R.T.: 5.057 min
Delta R.T.: 0.005 min
Response: 145381620
Conc: 53.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BSD

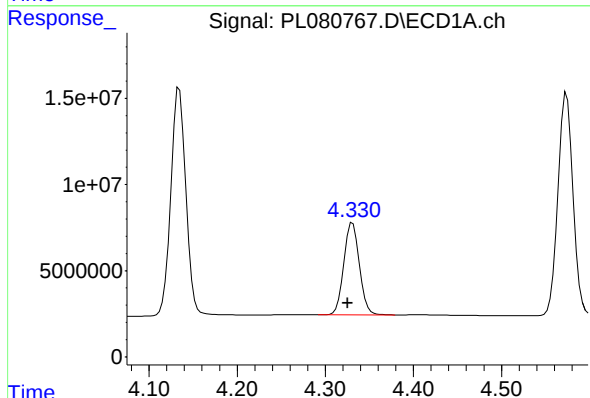
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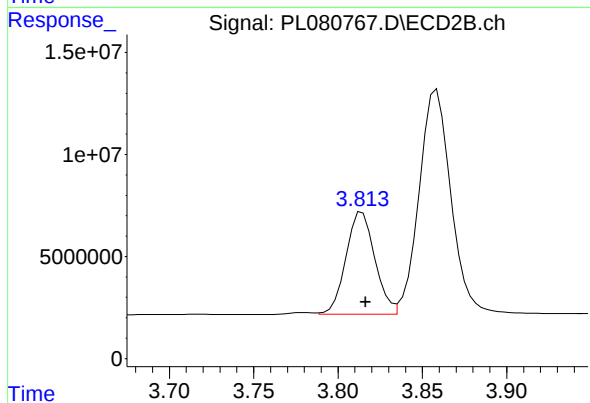
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 140278688
Conc: 47.56 ng/ml



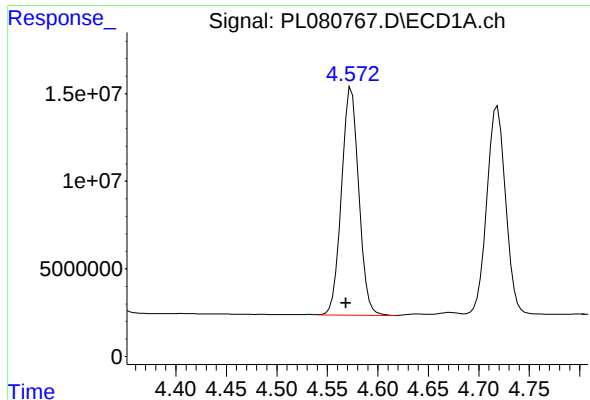
#6 beta-BHC

R.T.: 4.331 min
Delta R.T.: 0.006 min
Response: 65803192
Conc: 48.21 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 59859979
Conc: 44.85 ng/ml



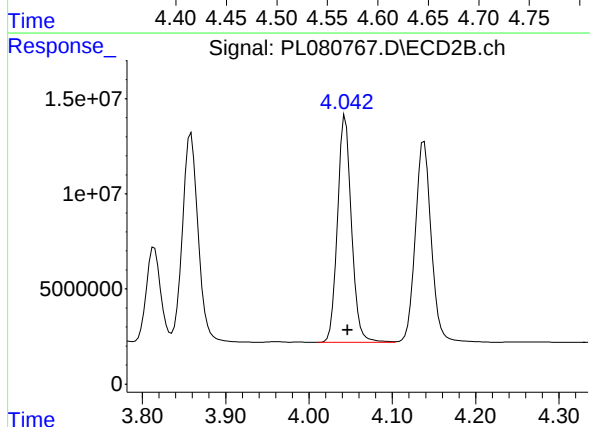
#7 delta-BHC

R.T.: 4.574 min
Delta R.T.: 0.005 min
Response: 155010504
Conc: 53.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BSD

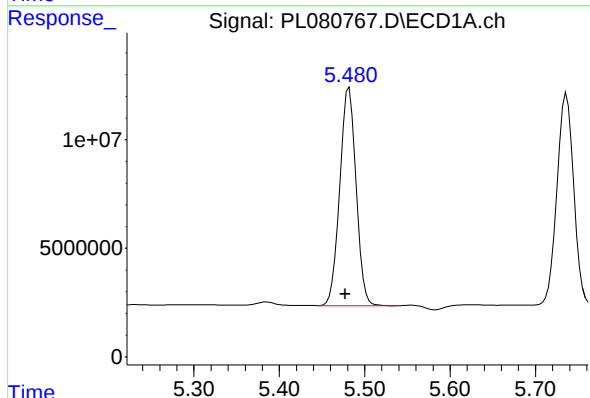
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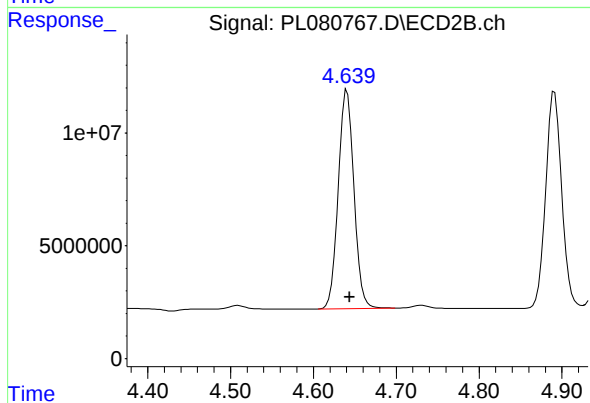
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 138937608
Conc: 48.17 ng/ml



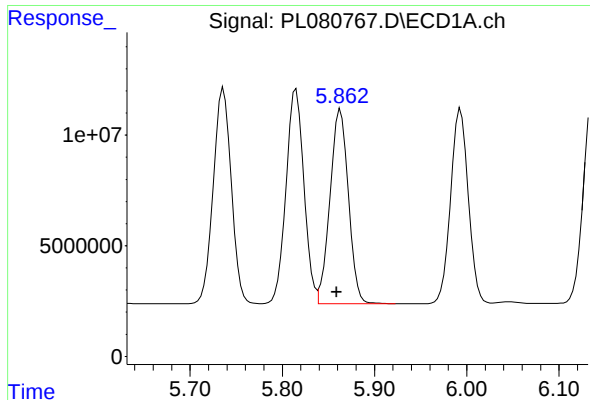
#8 Heptachlor epoxide

R.T.: 5.482 min
Delta R.T.: 0.005 min
Response: 132963162
Conc: 51.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.003 min
Response: 127515653
Conc: 45.83 ng/ml



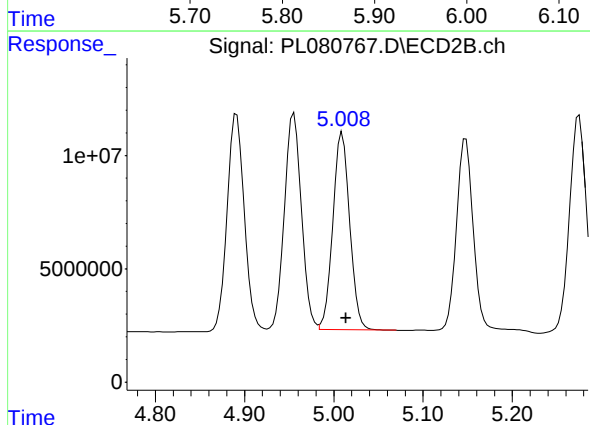
#9 Endosulfan I

R.T.: 5.863 min
Delta R.T.: 0.004 min
Response: 121824443
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BSD

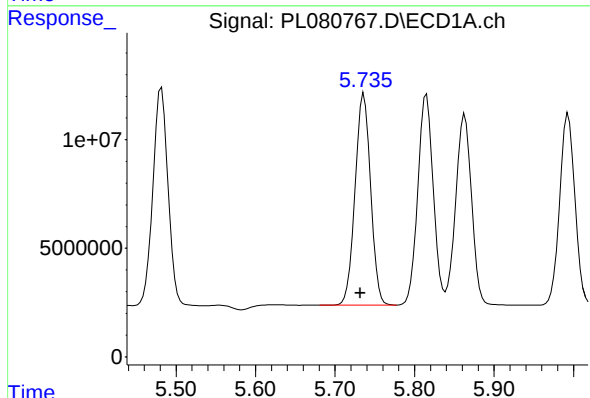
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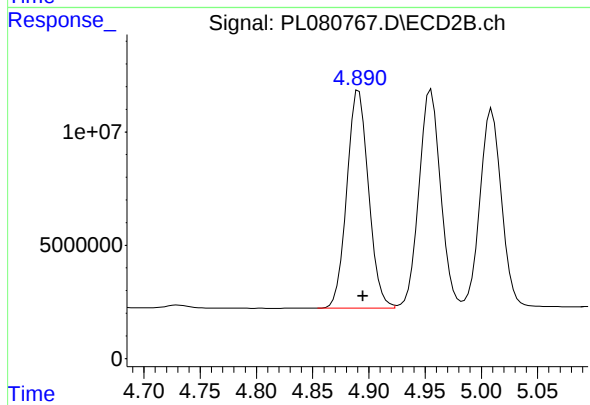
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 114269308
Conc: 43.93 ng/ml



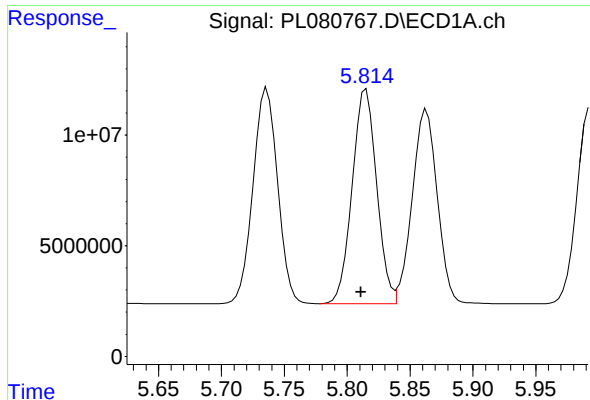
#10 gamma-Chlordane

R.T.: 5.736 min
Delta R.T.: 0.005 min
Response: 132436876
Conc: 52.44 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 129166498
Conc: 45.57 ng/ml m



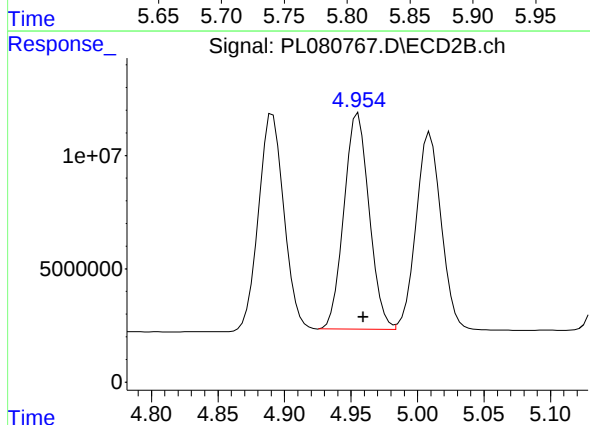
#11 alpha-Chlordane

R.T.: 5.815 min
Delta R.T.: 0.004 min
Response: 131144645
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BSD

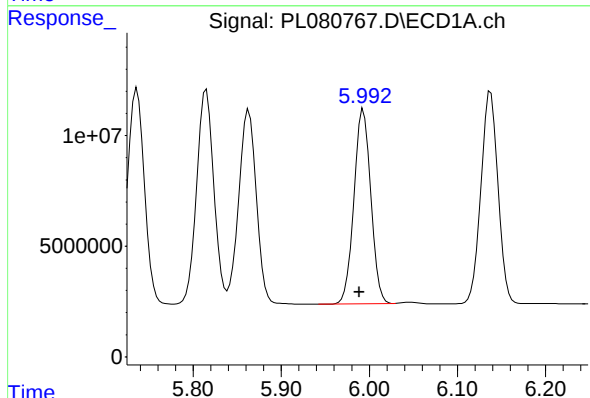
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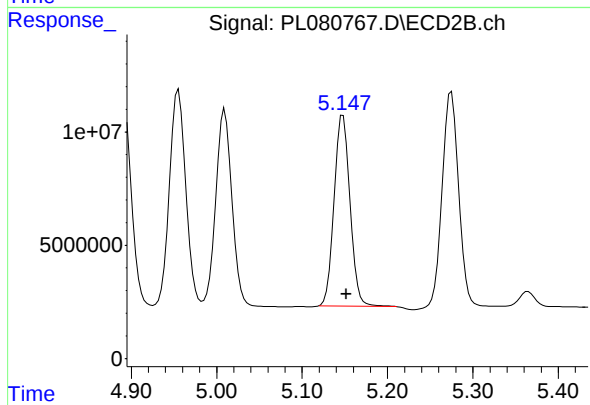
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 125737757
Conc: 43.89 ng/ml



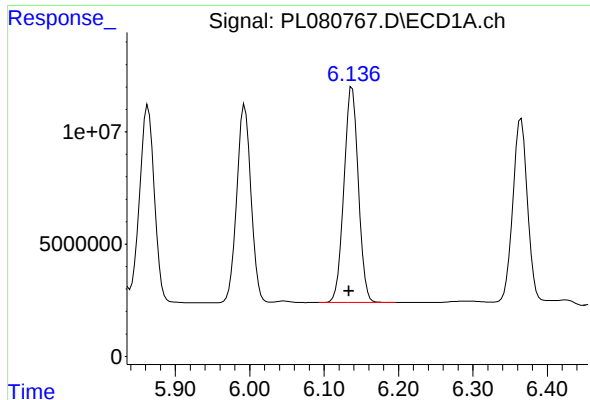
#12 4,4'-DDE

R.T.: 5.993 min
Delta R.T.: 0.004 min
Response: 116875394
Conc: 52.47 ng/ml



#12 4,4'-DDE

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 108773757
Conc: 46.11 ng/ml



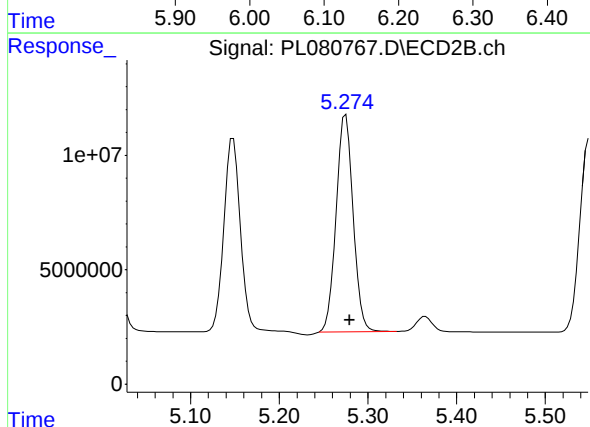
#13 Dieldrin

R.T.: 6.138 min
Delta R.T.: 0.004 min
Response: 129170880
Conc: 53.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BSD

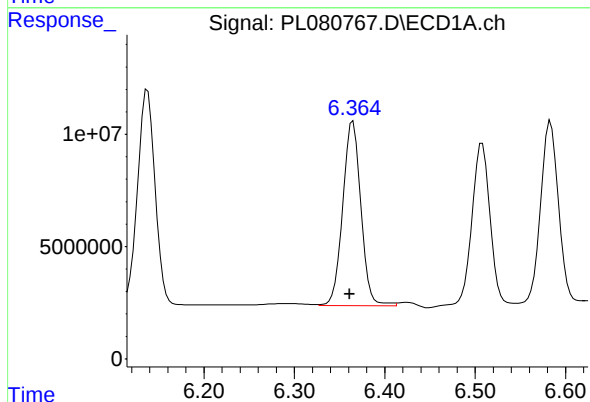
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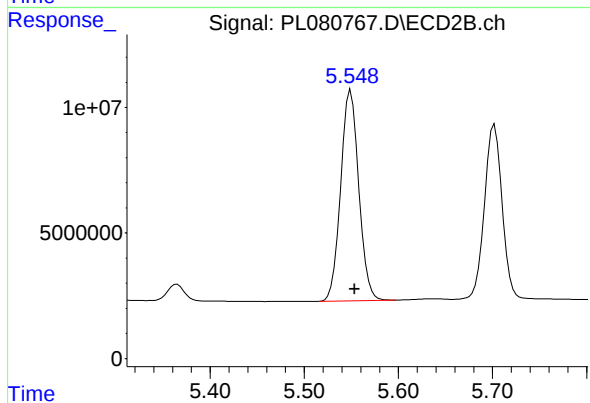
#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 126496626
Conc: 46.76 ng/ml



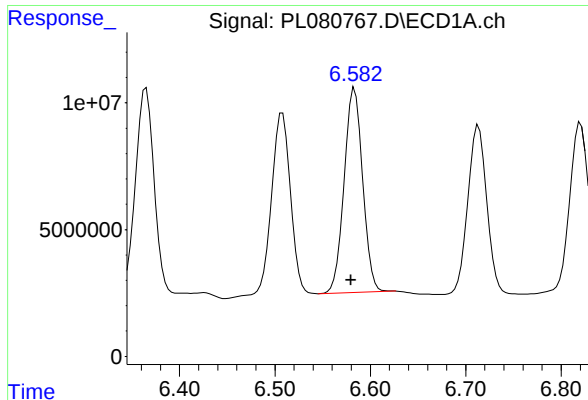
#14 Endrin

R.T.: 6.365 min
Delta R.T.: 0.004 min
Response: 114938752
Conc: 53.15 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 112369606
Conc: 48.41 ng/ml



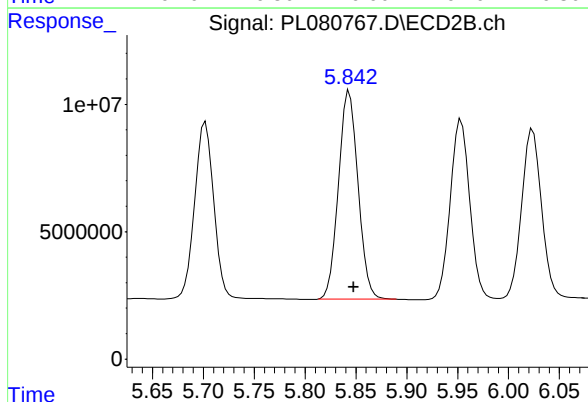
#15 Endosulfan II

R.T.: 6.583 min
Delta R.T.: 0.004 min
Response: 109220659
Conc: 47.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BSD

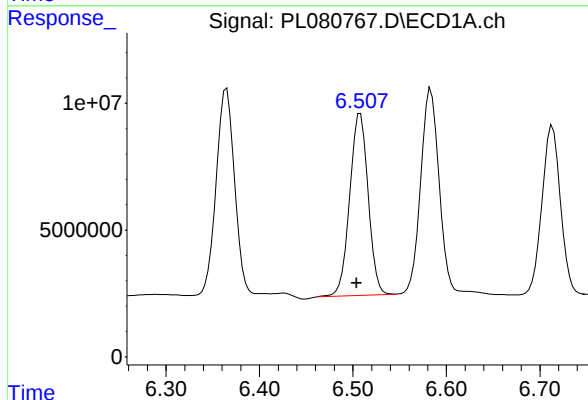
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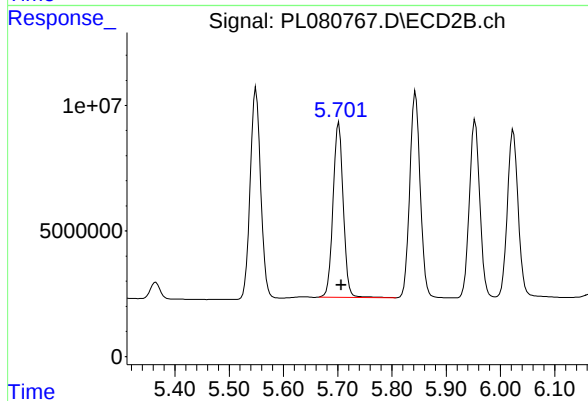
#15 Endosulfan II

R.T.: 5.844 min
Delta R.T.: -0.004 min
Response: 109498000
Conc: 52.55 ng/ml



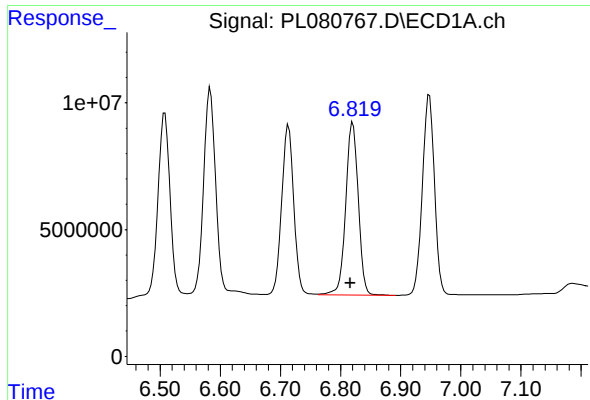
#16 4,4'-DDD

R.T.: 6.508 min
Delta R.T.: 0.004 min
Response: 98327792
Conc: 53.67 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 91226612
Conc: 48.55 ng/ml



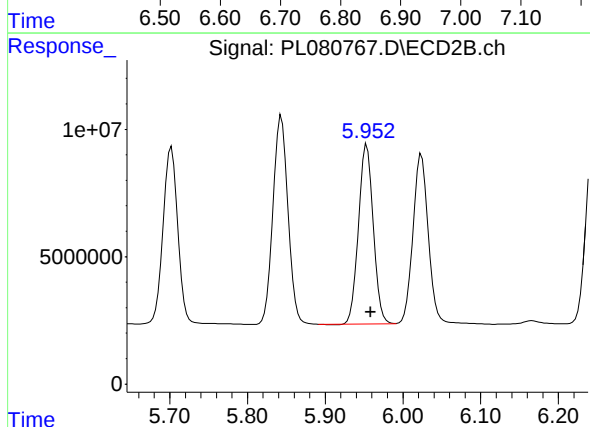
#17 4,4'-DDT

R.T.: 6.820 min
Delta R.T.: 0.004 min
Response: 98823002
Conc: 47.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BSD

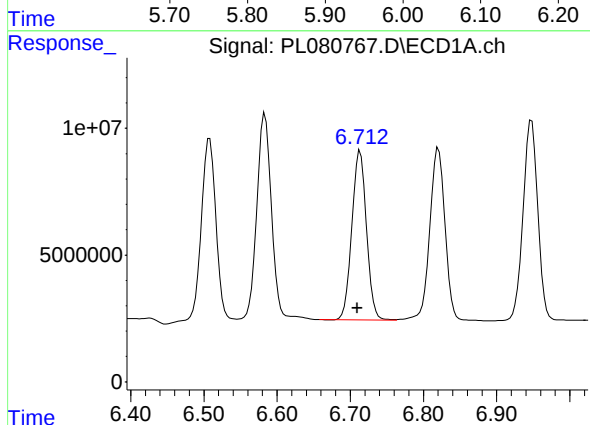
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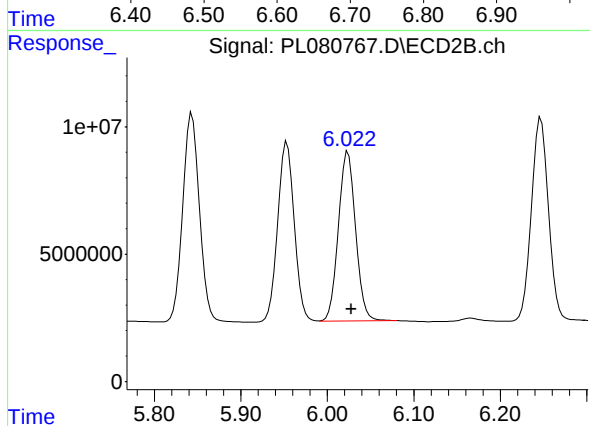
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 93336358
Conc: 44.41 ng/ml



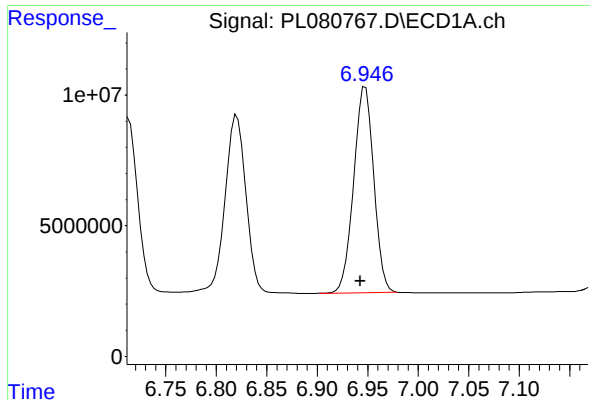
#18 Endrin aldehyde

R.T.: 6.714 min
Delta R.T.: 0.004 min
Response: 92576097
Conc: 55.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 90780526
Conc: 49.71 ng/ml



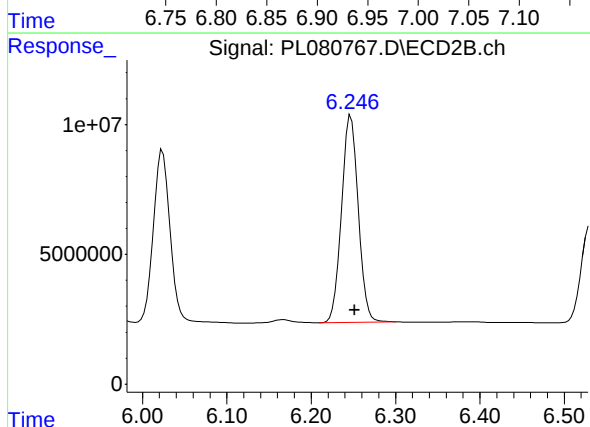
#19 Endosulfan Sulfate

R.T.: 6.948 min
Delta R.T.: 0.005 min
Response: 109330527
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BSD

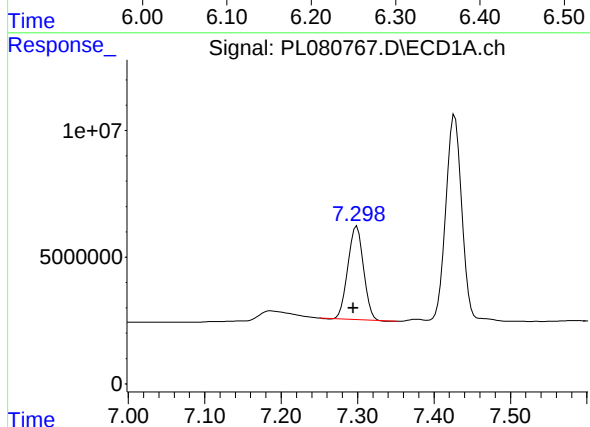
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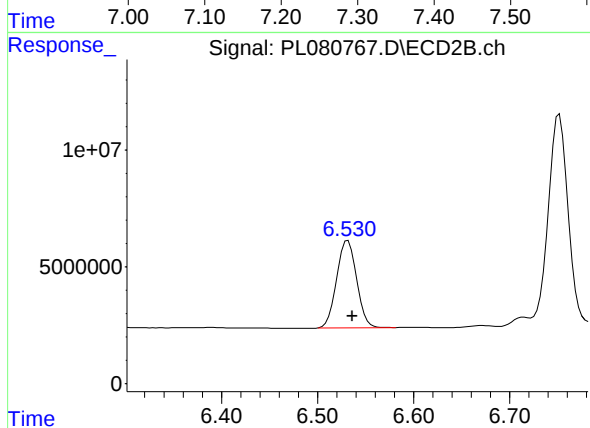
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 109695309
Conc: 47.17 ng/ml



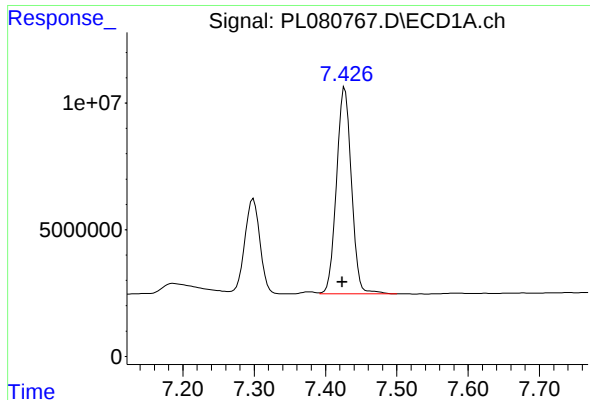
#20 Methoxychlor

R.T.: 7.299 min
Delta R.T.: 0.005 min
Response: 53020316
Conc: 48.06 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 53475052
Conc: 44.07 ng/ml



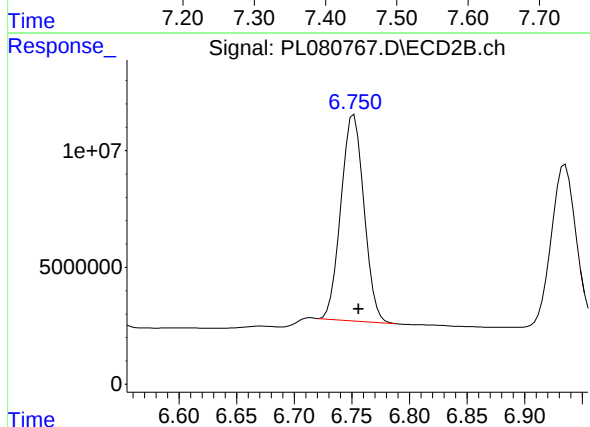
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: 0.003 min
Response: 118943308
Conc: 53.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BSD

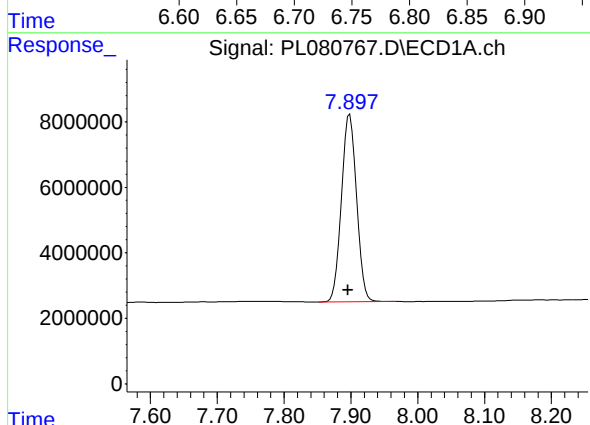
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



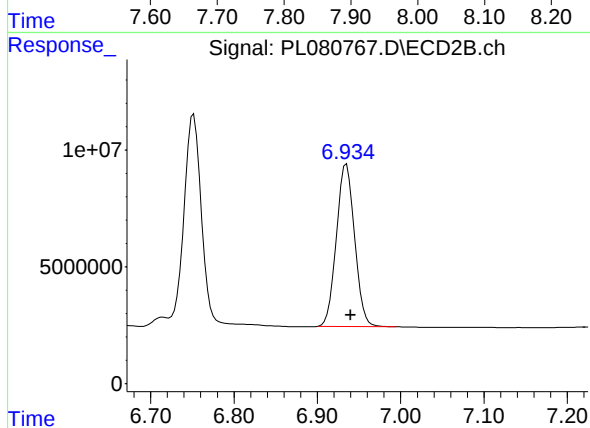
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 121786810
Conc: 47.70 ng/ml m



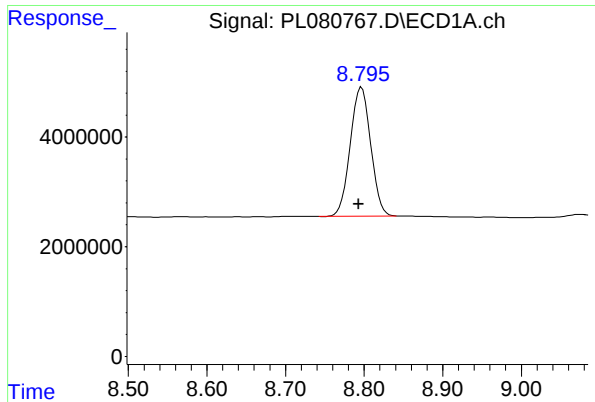
#22 Mirex

R.T.: 7.898 min
Delta R.T.: 0.003 min
Response: 89641479
Conc: 52.12 ng/ml



#22 Mirex

R.T.: 6.935 min
Delta R.T.: -0.005 min
Response: 105420536
Conc: 46.30 ng/ml



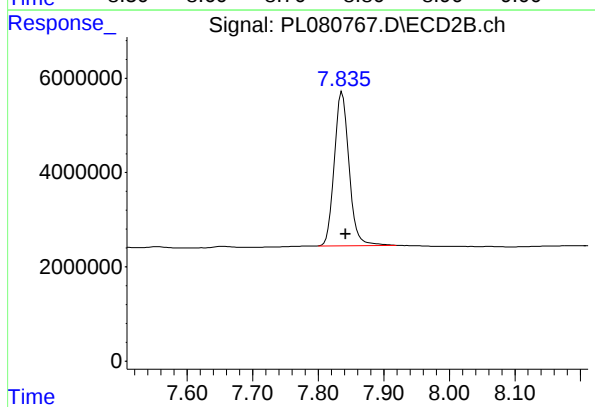
#28 Decachlorobiphenyl

R.T.: 8.797 min
Delta R.T.: 0.004 min
Response: 42593950
Conc: 24.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.837 min
Delta R.T.: -0.005 min
Response: 51065887
Conc: 21.43 ng/ml