

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121423\
 Data File : PL087166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2023 16:17
 Operator : AR\AJ
 Sample : 05827-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RT-SB-08-13.5-14.5MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/15/2023
 Supervised By :Ankita Jodhani 12/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 21:54:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 17:22:26 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...	3.456	2.704	62033034	17116840	17.002	17.331
28)	SA Decachlor...	9.051	7.900	50473915	16345249	16.675	15.956
Target Compounds							
2)	A alpha-BHC	3.914	3.211	233.3E6	59149005	44.408	44.791
3)	MA gamma-BHC...	4.250	3.543	208.5E6	57242068	42.454	43.718
4)	MA Heptachlor	4.845	3.886	178.2E6	55354825	35.149	42.634
5)	MB Aldrin	5.189	4.167	135.6E6	53298580	28.291	43.440 #
6)	B beta-BHC	4.451	3.845	87638994	26251687	41.714	44.003
7)	B delta-BHC	4.698	4.074	175.3E6	56549423	38.329	44.067
8)	B Heptachlo...	5.622	4.676	153.7E6	50524264	36.252	43.784
9)	A Endosulfan I	6.010	5.047	163.8E6	49855939	40.602	41.012
10)	B gamma-Chl...	5.881	4.929	173.8E6	54794062	40.495	44.774
11)	B alpha-Chl...	5.962	4.993	173.3E6	53640815	40.525	42.636
12)	B 4,4'-DDE	6.146	5.192	145.9E6	45567843	44.583	43.838
13)	MA Dieldrin	6.289	5.314	167.2E6	48564751	41.025	41.736
14)	MA Endrin	6.520	5.589	130.7E6	41549905	39.224	40.639
15)	B Endosulfa...	6.743	5.887	138.8E6	41762204	38.320	42.667
16)	A 4,4'-DDD	6.670	5.750	122.9E6	39978484	50.513	48.213
17)	MA 4,4'-DDT	6.988	6.003	116.8E6	36676157	41.323m	41.806
18)	B Endrin al...	6.876	6.070	109.2E6	32573796	46.383	40.881
19)	B Endosulfa...	7.114	6.295	145.1E6	41655781	44.151	44.585
20)	A Methoxychlor	7.480	6.590	63730288	21718248	43.579	39.833
21)	B Endrin ke...	7.601	6.801	150.5E6	49265100	46.389	45.839
22)	Mirex	8.080	6.983	125.0E6	38982445	42.458	41.481

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121423\
 Data File : PL087166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2023 16:17
 Operator : AR\AJ
 Sample : 05827-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

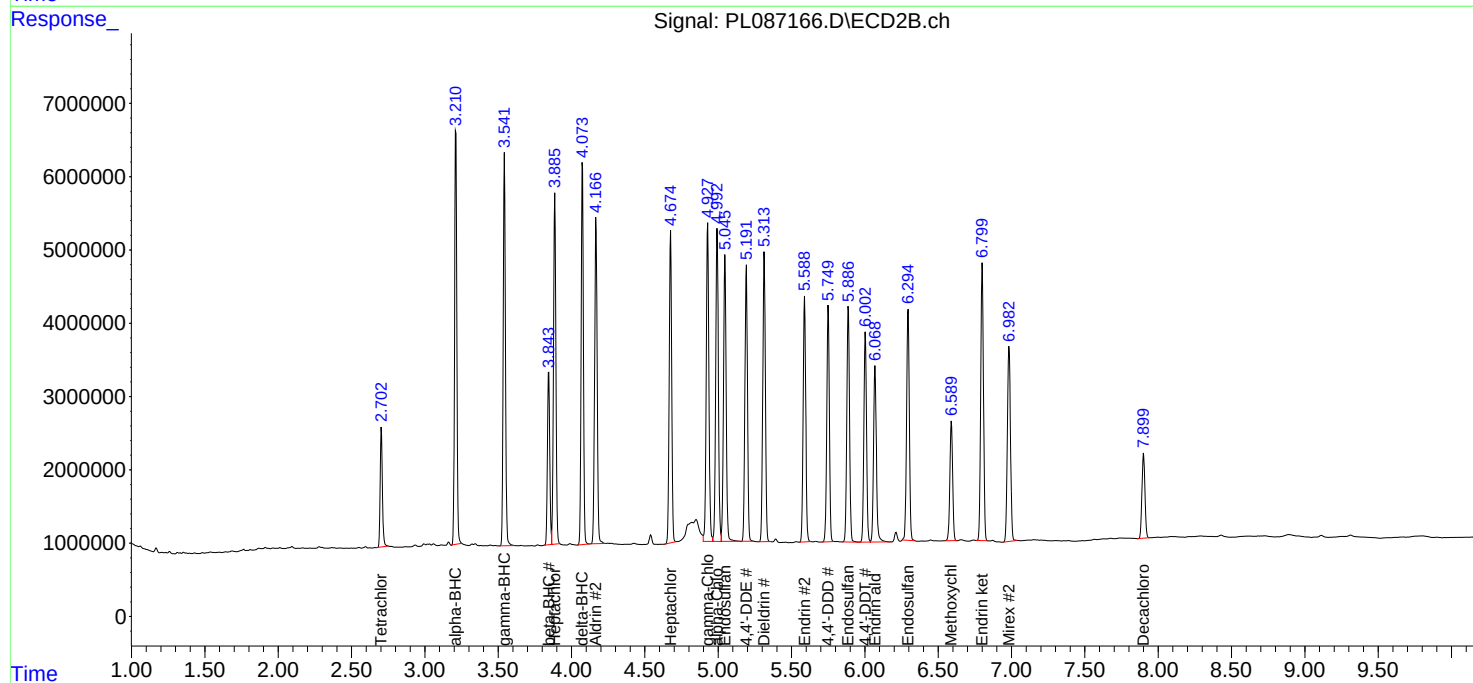
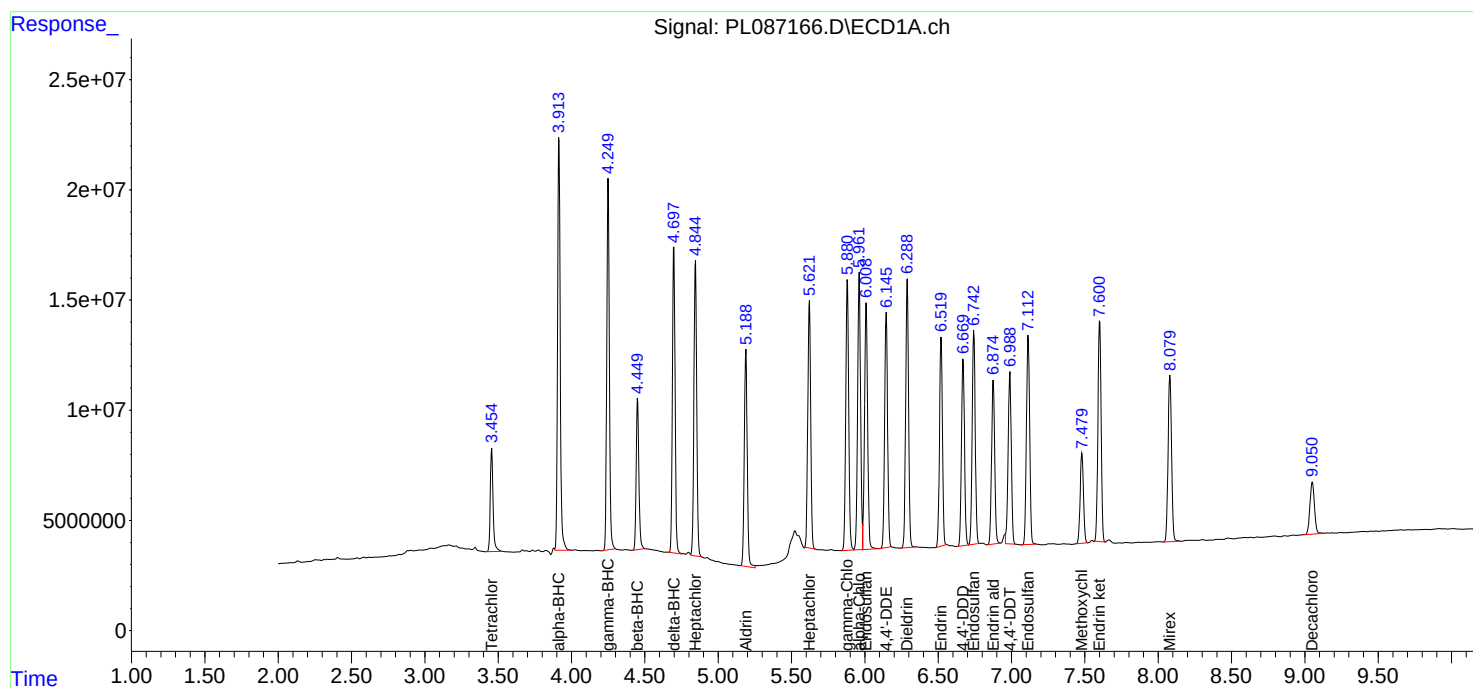
Instrument :
 ECD_L
 ClientSampleId :
 RT-SB-08-13.5-14.5MSD

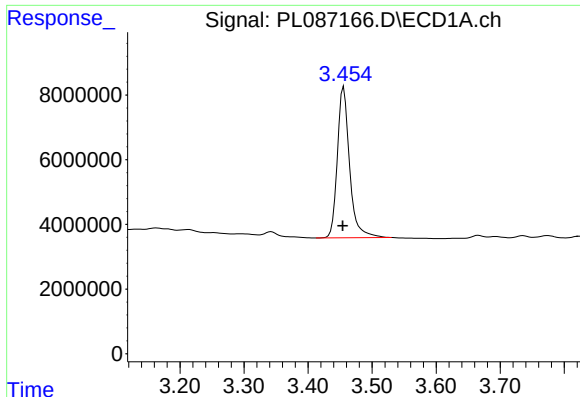
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 21:54:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 17:22:26 2023
 Response via : Initial Calibration
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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





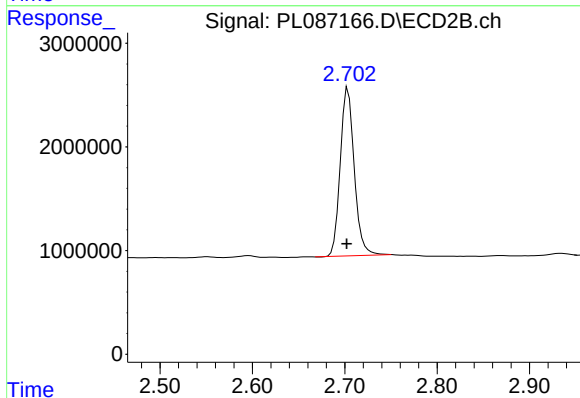
#1 Tetrachloro-m-xylene

R.T.: 3.456 min
Delta R.T.: 0.002 min
Response: 62033034
Conc: 17.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-SB-08-13.5-14.5MSD

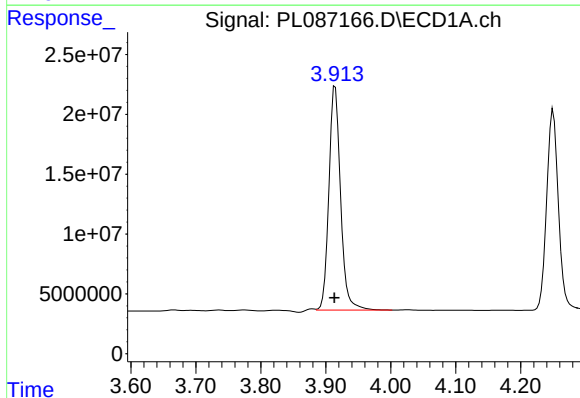
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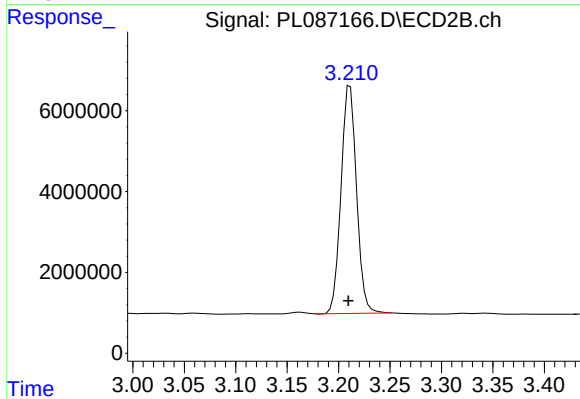
#1 Tetrachloro-m-xylene

R.T.: 2.704 min
Delta R.T.: 0.001 min
Response: 17116840
Conc: 17.33 ng/ml



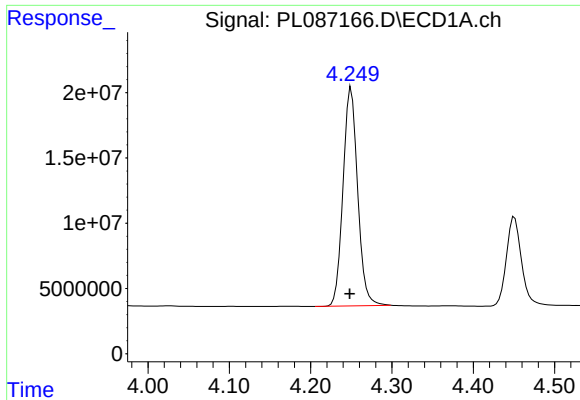
#2 alpha-BHC

R.T.: 3.914 min
Delta R.T.: 0.001 min
Response: 233281478
Conc: 44.41 ng/ml



#2 alpha-BHC

R.T.: 3.211 min
Delta R.T.: 0.002 min
Response: 59149005
Conc: 44.79 ng/ml



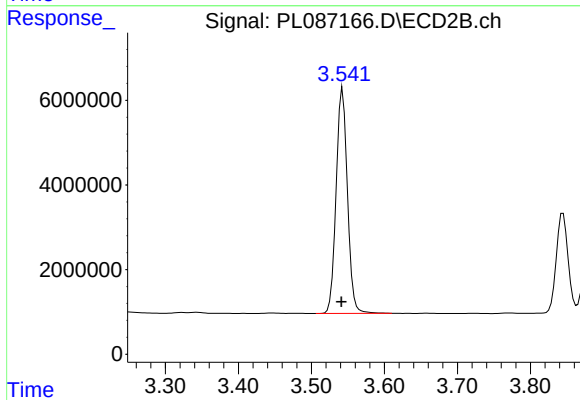
#3 gamma-BHC (Lindane)

R.T.: 4.250 min
Delta R.T.: 0.002 min
Response: 208512905
Conc: 42.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-SB-08-13.5-14.5MSD

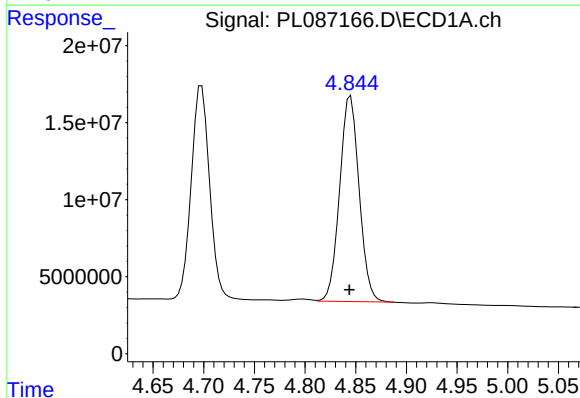
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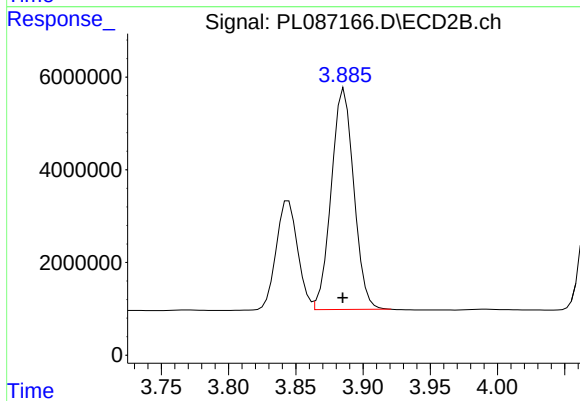
#3 gamma-BHC (Lindane)

R.T.: 3.543 min
Delta R.T.: 0.002 min
Response: 57242068
Conc: 43.72 ng/ml



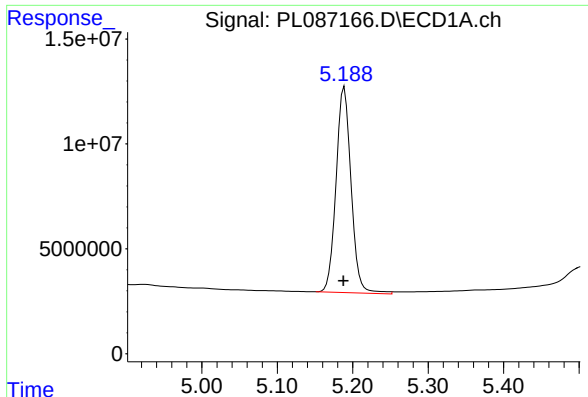
#4 Heptachlor

R.T.: 4.845 min
Delta R.T.: 0.001 min
Response: 178171108
Conc: 35.15 ng/ml



#4 Heptachlor

R.T.: 3.886 min
Delta R.T.: 0.001 min
Response: 55354825
Conc: 42.63 ng/ml



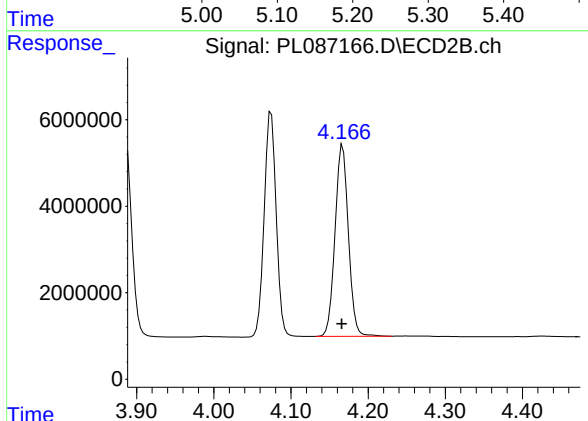
#5 Aldrin

R.T.: 5.189 min
Delta R.T.: 0.001 min
Response: 135637477
Conc: 28.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-SB-08-13.5-14.5MSD

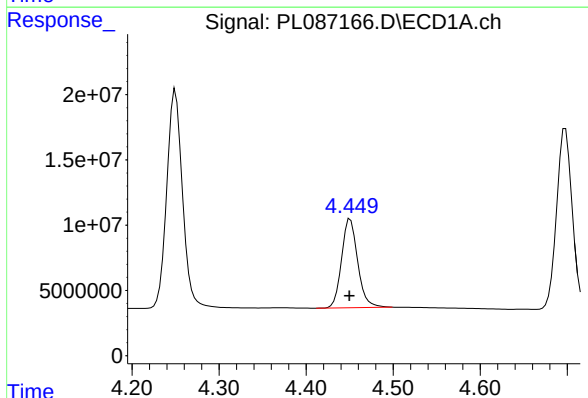
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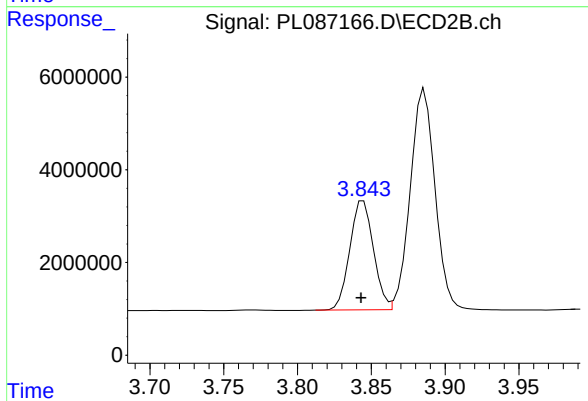
#5 Aldrin

R.T.: 4.167 min
Delta R.T.: 0.001 min
Response: 53298580
Conc: 43.44 ng/ml



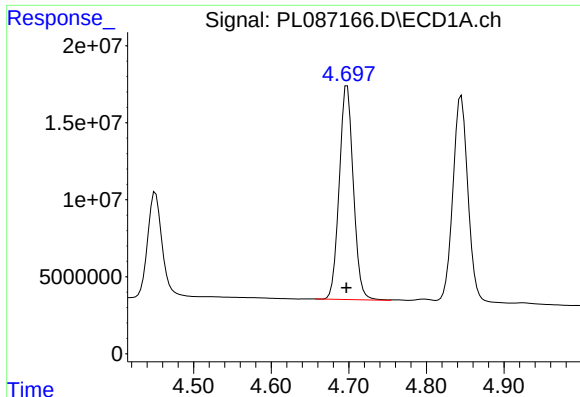
#6 beta-BHC

R.T.: 4.451 min
Delta R.T.: 0.001 min
Response: 87638994
Conc: 41.71 ng/ml



#6 beta-BHC

R.T.: 3.845 min
Delta R.T.: 0.002 min
Response: 26251687
Conc: 44.00 ng/ml



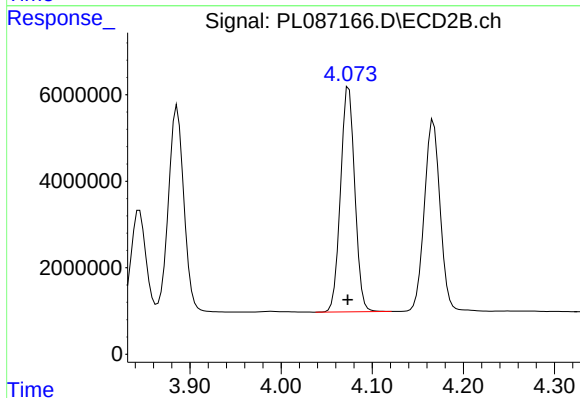
#7 delta-BHC

R.T.: 4.698 min
Delta R.T.: 0.001 min
Response: 175336366
Conc: 38.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-SB-08-13.5-14.5MSD

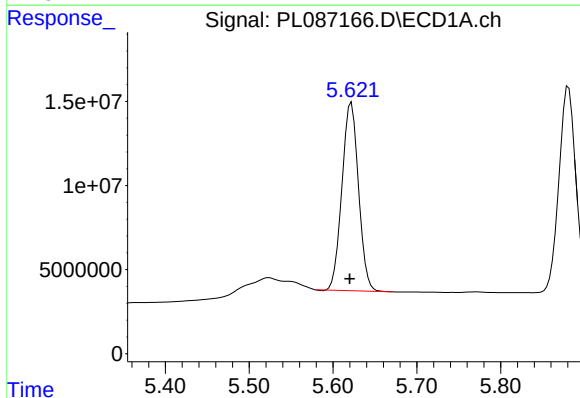
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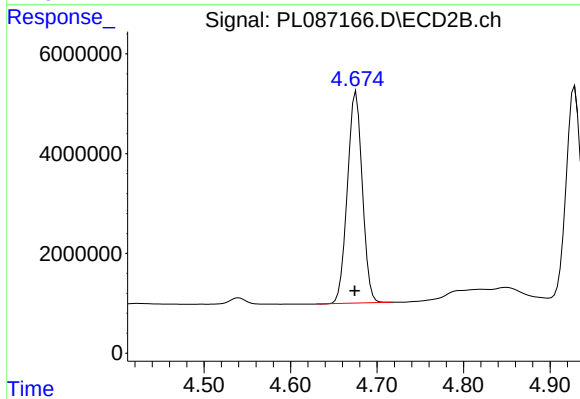
#7 delta-BHC

R.T.: 4.074 min
Delta R.T.: 0.001 min
Response: 56549423
Conc: 44.07 ng/ml



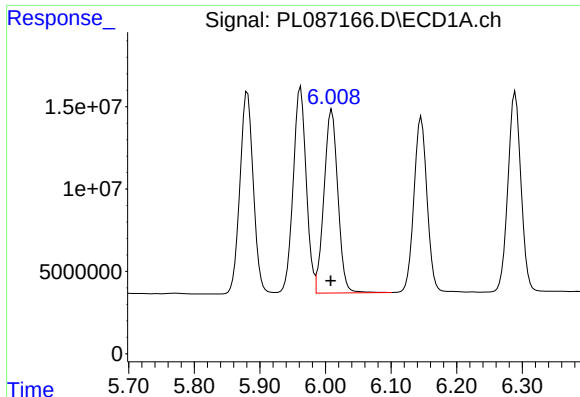
#8 Heptachlor epoxide

R.T.: 5.622 min
Delta R.T.: 0.002 min
Response: 153657573
Conc: 36.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.676 min
Delta R.T.: 0.002 min
Response: 50524264
Conc: 43.78 ng/ml



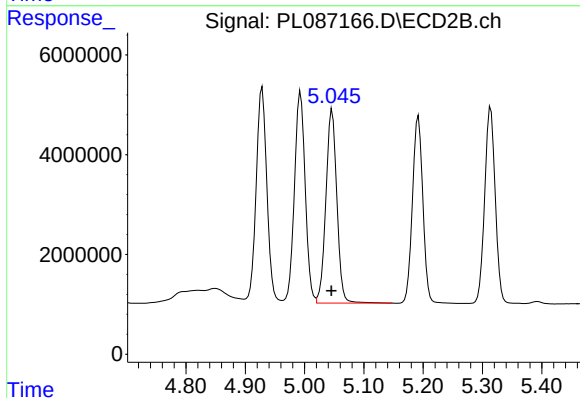
#9 Endosulfan I

R.T.: 6.010 min
Delta R.T.: 0.002 min
Response: 163821035
Conc: 40.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-SB-08-13.5-14.5MSD

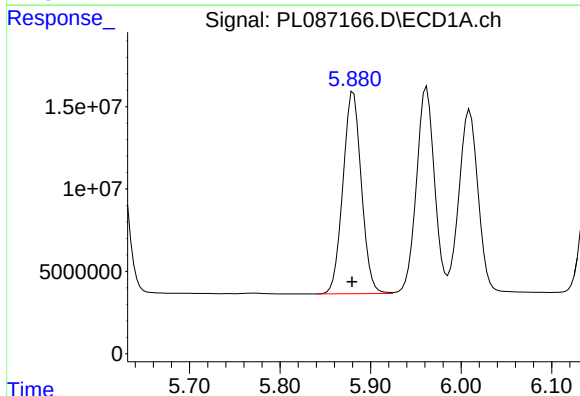
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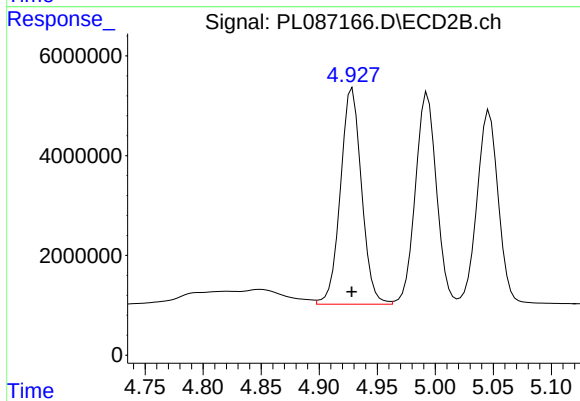
#9 Endosulfan I

R.T.: 5.047 min
Delta R.T.: 0.001 min
Response: 49855939
Conc: 41.01 ng/ml



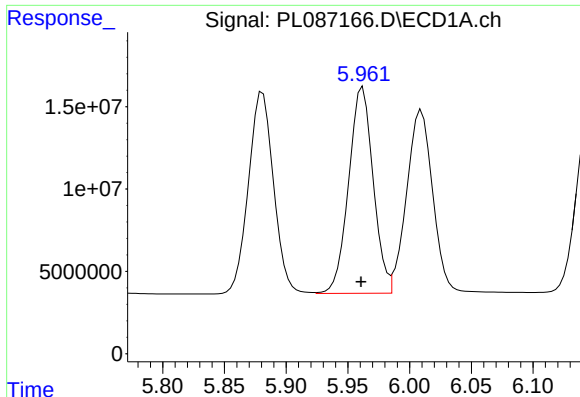
#10 gamma-Chlordane

R.T.: 5.881 min
Delta R.T.: 0.002 min
Response: 173750562
Conc: 40.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 54794062
Conc: 44.77 ng/ml



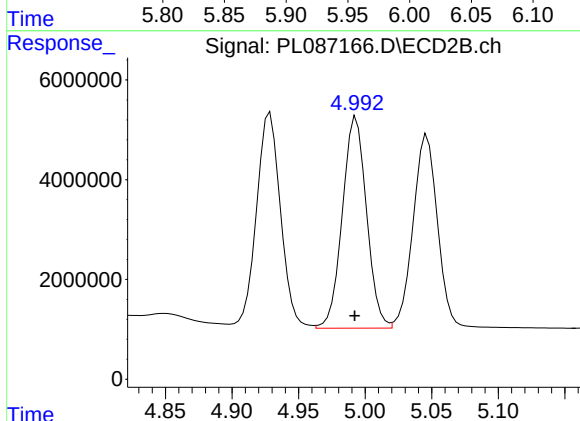
#11 alpha-Chlordane

R.T.: 5.962 min
Delta R.T.: 0.001 min
Response: 173314135
Conc: 40.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-SB-08-13.5-14.5MSD

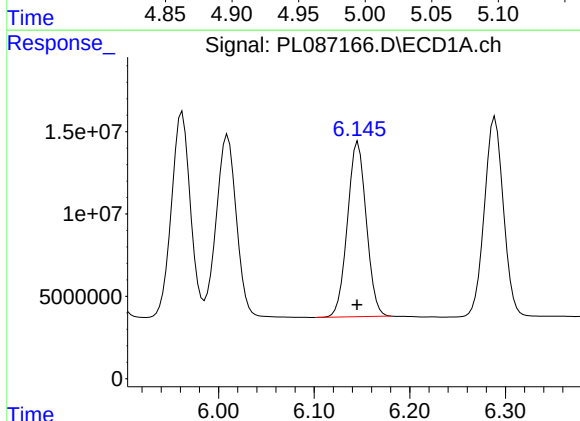
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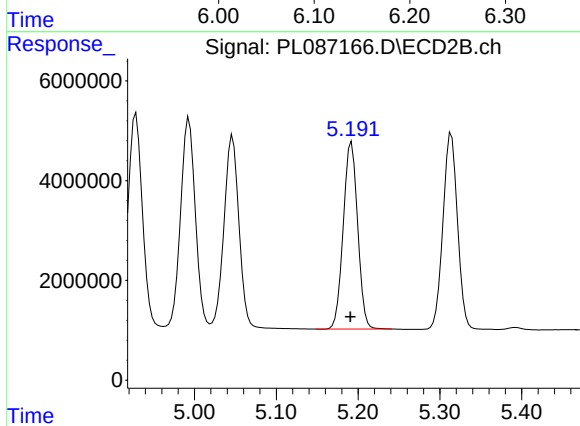
#11 alpha-Chlordane

R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 53640815
Conc: 42.64 ng/ml



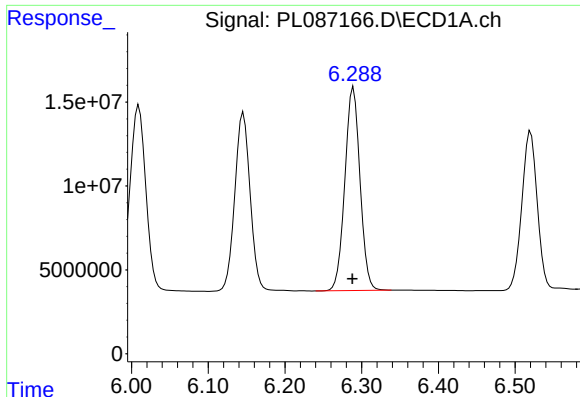
#12 4,4'-DDE

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 145940635
Conc: 44.58 ng/ml



#12 4,4'-DDE

R.T.: 5.192 min
Delta R.T.: 0.001 min
Response: 45567843
Conc: 43.84 ng/ml



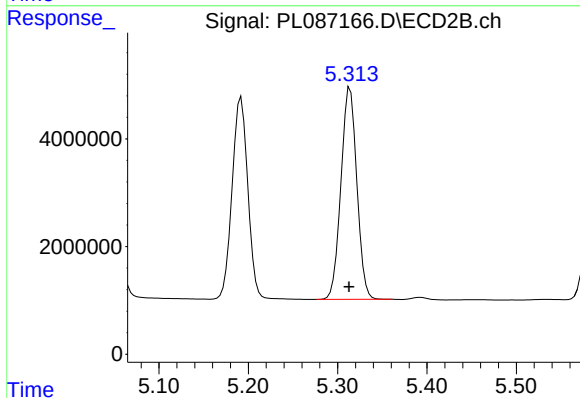
#13 Dieldrin

R.T.: 6.289 min
Delta R.T.: 0.001 min
Response: 167194856
Conc: 41.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-SB-08-13.5-14.5MSD

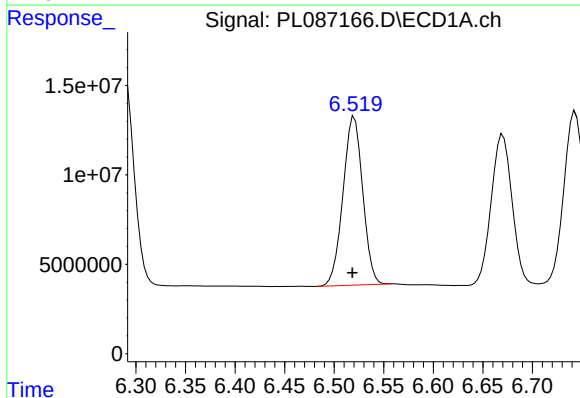
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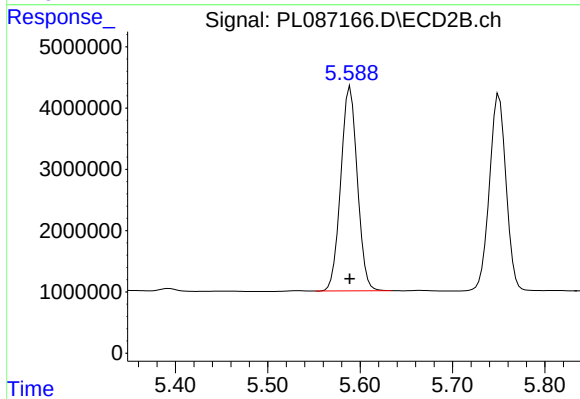
#13 Dieldrin

R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 48564751
Conc: 41.74 ng/ml



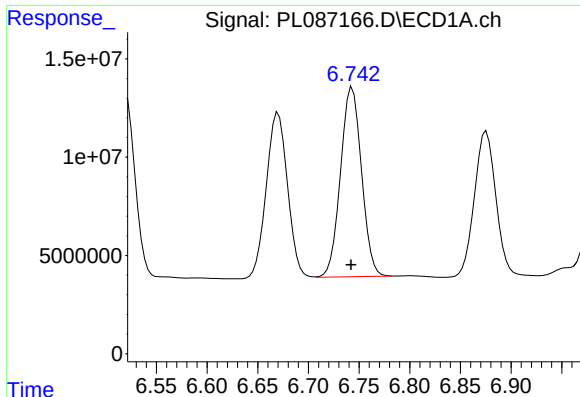
#14 Endrin

R.T.: 6.520 min
Delta R.T.: 0.002 min
Response: 130659959
Conc: 39.22 ng/ml



#14 Endrin

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 41549905
Conc: 40.64 ng/ml



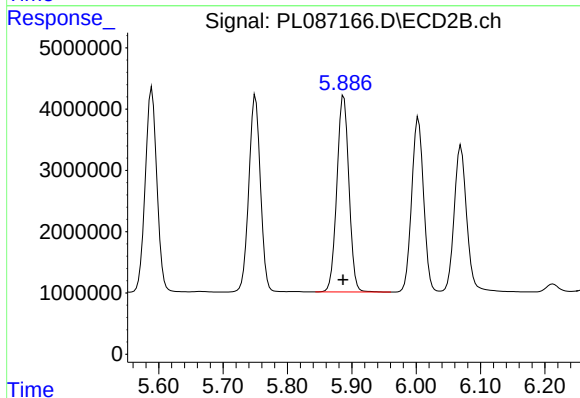
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: 0.001 min
Response: 138848791
Conc: 38.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-SB-08-13.5-14.5MSD

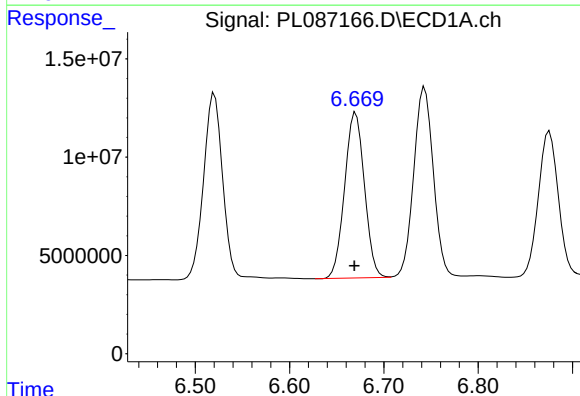
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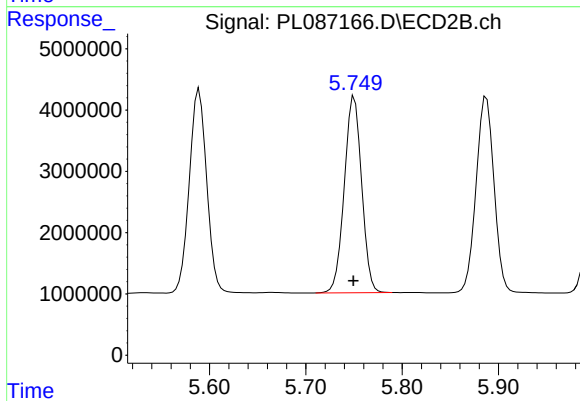
#15 Endosulfan II

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 41762204
Conc: 42.67 ng/ml



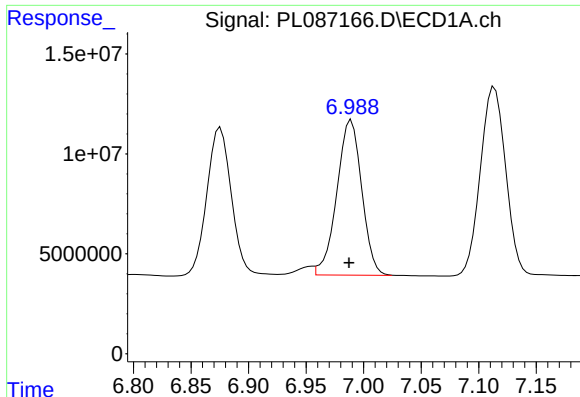
#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: 0.002 min
Response: 122921040
Conc: 50.51 ng/ml



#16 4,4'-DDD

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 39978484
Conc: 48.21 ng/ml



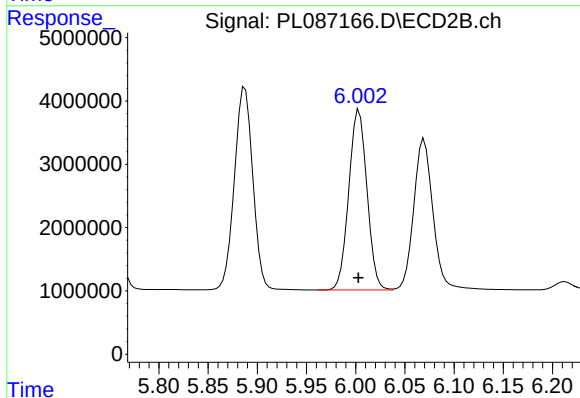
#17 4,4'-DDT

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 116752676
Conc: 41.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-SB-08-13.5-14.5MSD

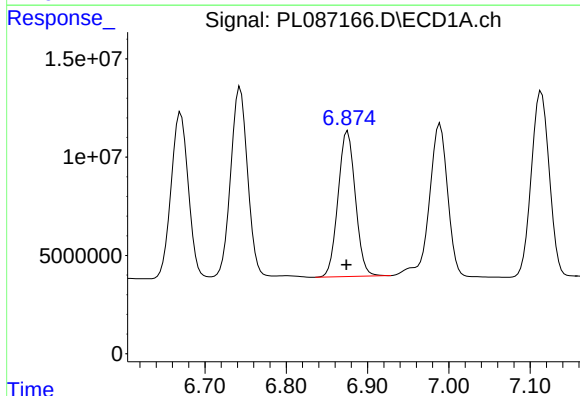
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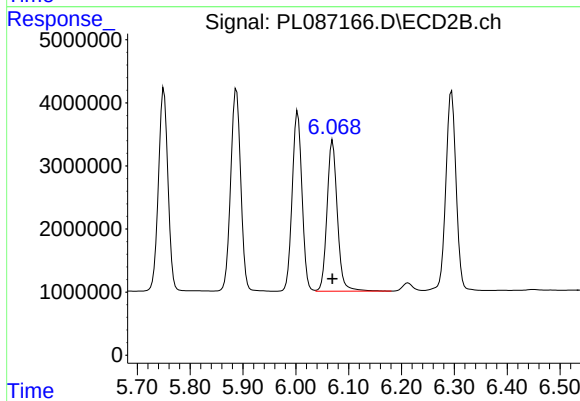
#17 4,4'-DDT

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 36676157
Conc: 41.81 ng/ml



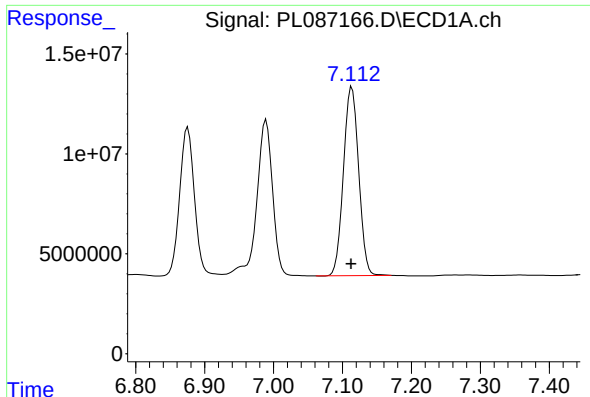
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.002 min
Response: 109183166
Conc: 46.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 32573796
Conc: 40.88 ng/ml



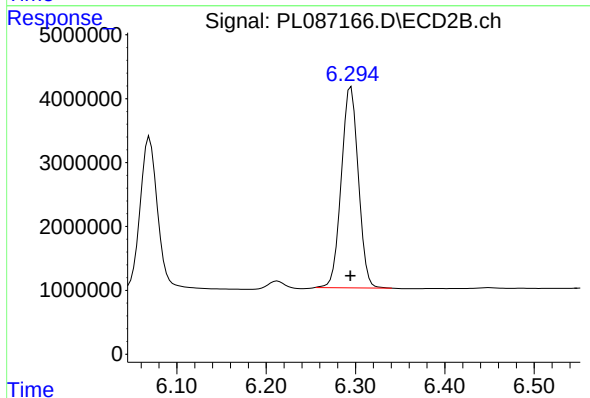
#19 Endosulfan Sulfate

R.T.: 7.114 min
Delta R.T.: 0.001 min
Response: 145142946
Conc: 44.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-SB-08-13.5-14.5MSD

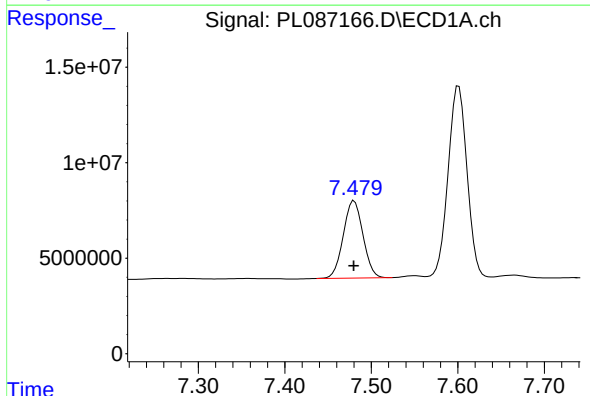
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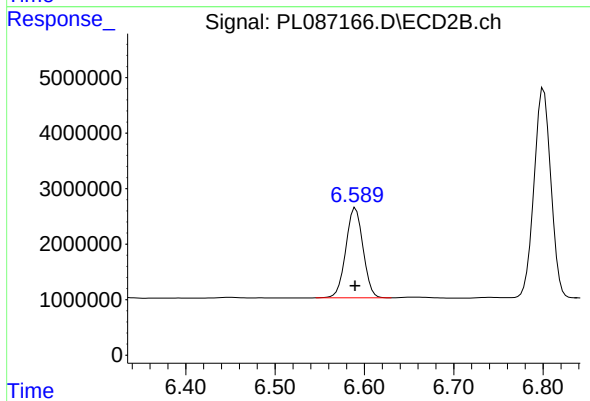
#19 Endosulfan Sulfate

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 41655781
Conc: 44.58 ng/ml



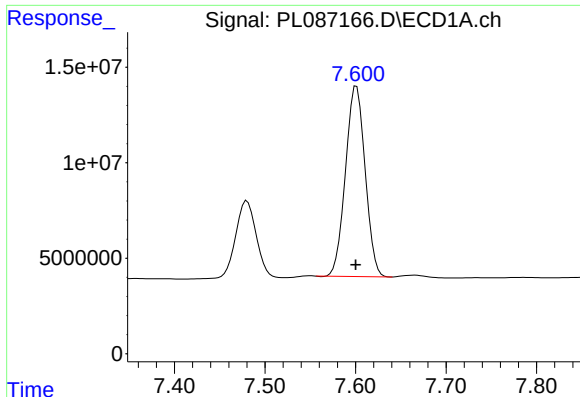
#20 Methoxychlor

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 63730288
Conc: 43.58 ng/ml



#20 Methoxychlor

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 21718248
Conc: 39.83 ng/ml



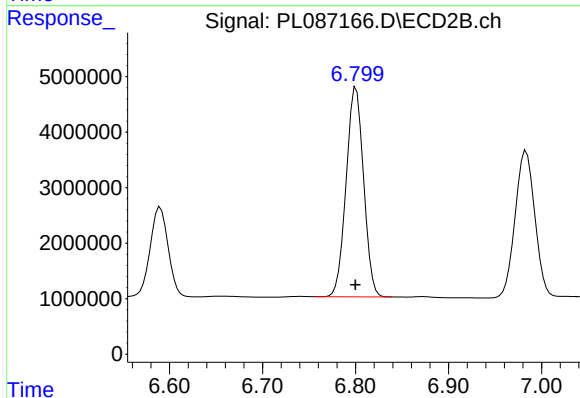
#21 Endrin ketone

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 150506452
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-SB-08-13.5-14.5MSD

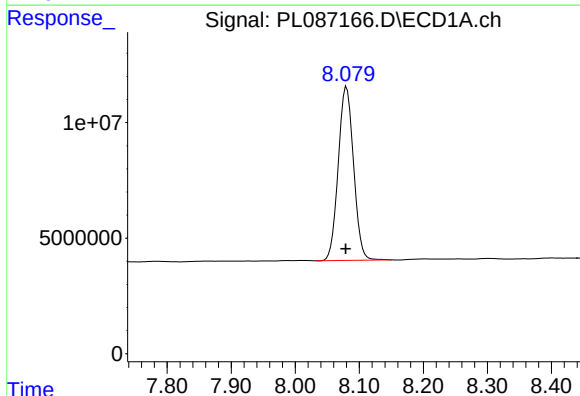
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2023
Supervised By :Ankita Jodhani 12/15/2023



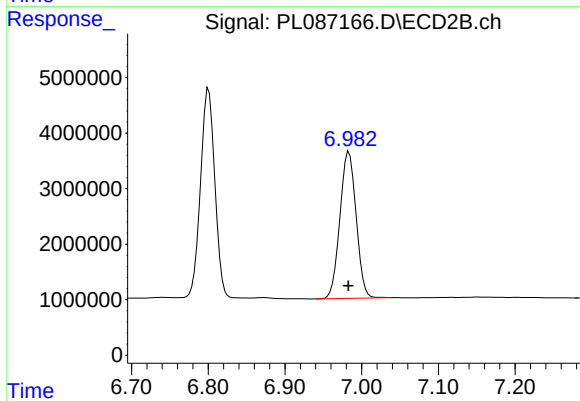
#21 Endrin ketone

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 49265100
Conc: 45.84 ng/ml



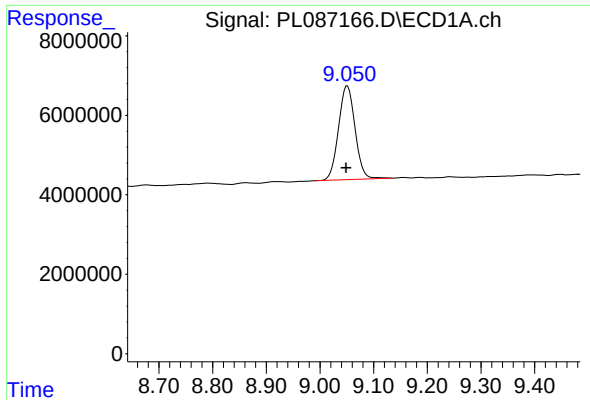
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.001 min
Response: 124956005
Conc: 42.46 ng/ml



#22 Mirex

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 38982445
Conc: 41.48 ng/ml



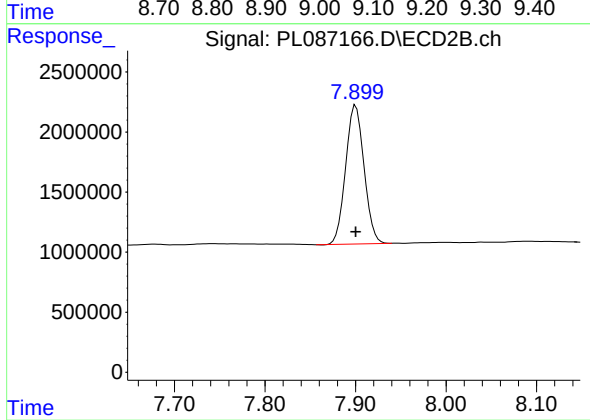
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: 0.002 min
Response: 50473915
Conc: 16.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-SB-08-13.5-14.5MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 16345249
Conc: 15.96 ng/ml