

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
 Data File : PL087054.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2023 15:17
 Operator : AR\AJ
 Sample : 05639-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 E8965C-CC-001MSD

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 16:03:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 07 00:53:18 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...	3.453	2.702	63902710	18600282	19.801	19.015
28)	SA Decachlor...	9.054	7.902	51738848	20258560	22.635	21.054
Target Compounds							
2)	A alpha-BHC	3.913	3.209	249.2E6	69476531	55.383	54.210
3)	MA gamma-BHC...	4.248	3.541	233.3E6	67561461	56.188	53.341
4)	MA Heptachlor	4.843	3.885	243.7E6	67905662	60.268	54.560
5)	MB Aldrin	5.187	4.166	223.4E6	64311575	56.019	53.468
6)	B beta-BHC	4.448	3.843	95606290	28585000	56.223	50.384
7)	B delta-BHC	4.695	4.073	215.3E6	66730380	59.517	54.902
8)	B Heptachlo...	5.620	4.674	204.9E6	59458842	58.155	53.829
9)	A Endosulfan I	6.008	5.046	192.6E6	62203304	58.775	58.523
10)	B gamma-Chl...	5.879	4.928	204.3E6	61044534	59.389	56.738
11)	B alpha-Chl...	5.960	4.993	202.1E6	66031867	58.854	59.248
12)	B 4,4'-DDE	6.145	5.191	151.8E6	56634988	60.555	63.727
13)	MA Dieldrin	6.288	5.313	187.9E6	61721891	58.000	61.587
14)	MA Endrin	6.519	5.589	155.2E6	54369523	70.344	66.647
15)	B Endosulfa...	6.743	5.887	147.8E6	48626894	57.183	55.244
16)	A 4,4'-DDD	6.670	5.750	120.8E6	45635538	60.091	58.866
17)	MA 4,4'-DDT	6.988	6.003	129.7E6	47352118	65.338	62.366
18)	B Endrin al...	6.874	6.070	107.2E6	37928577	59.068m	55.389
19)	B Endosulfa...	7.114	6.295	145.2E6	47599181	58.871	53.942
20)	A Methoxychlor	7.481	6.590	63547376	27281716	59.696	57.062
21)	B Endrin ke...	7.602	6.801	146.1E6	54098083	57.301	53.492
22)	Mirex	8.080	6.984	123.6E6	43168398	54.893	48.649

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
Data File : PL087054.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2023 15:17
Operator : AR\AJ
Sample : 05639-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

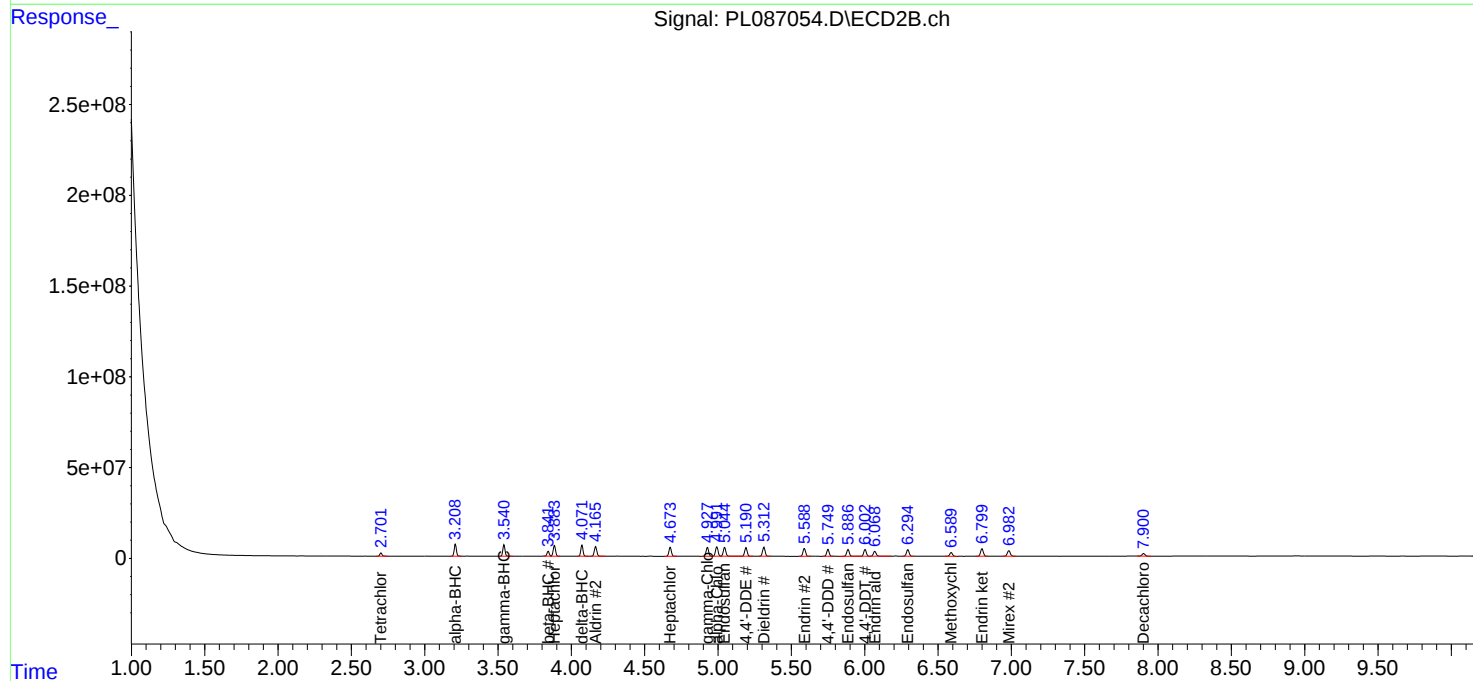
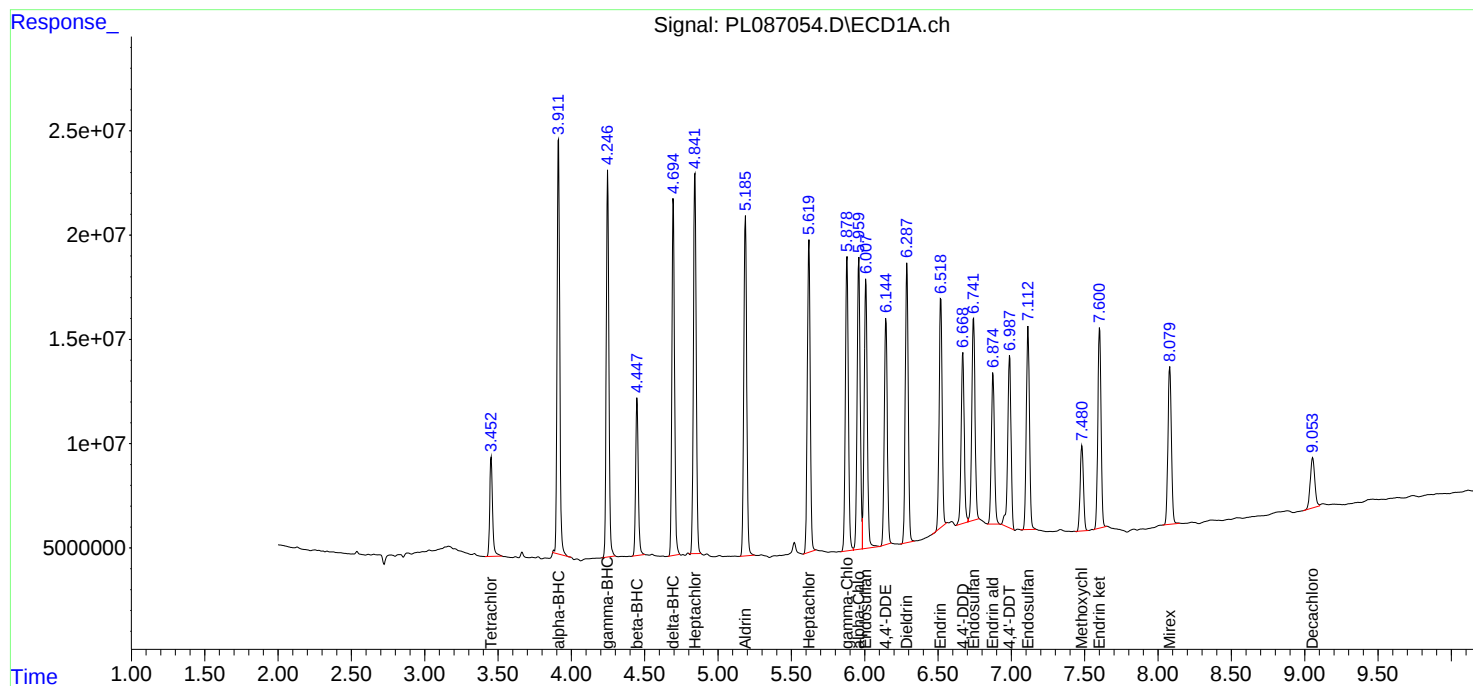
Instrument :
ECD_L
ClientSampleId :
E8965C-CC-001MSD

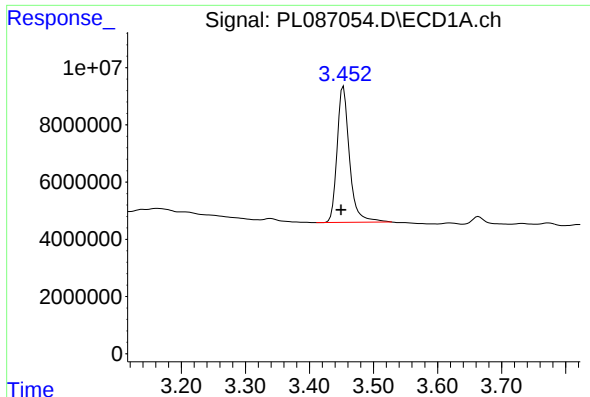
Manual Integrations
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Supervised By :Ankita Jodhani 12/12/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 16:03:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
Quant Title : GC Extractables
QLast Update : Thu Dec 07 00:53:18 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





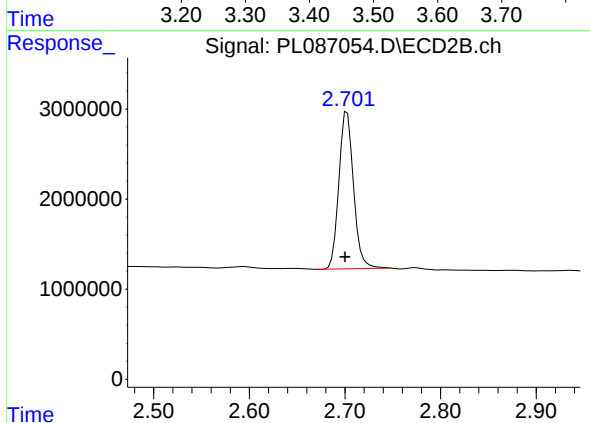
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: 0.004 min
Response: 63902710
Conc: 19.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
E8965C-CC-001MSD

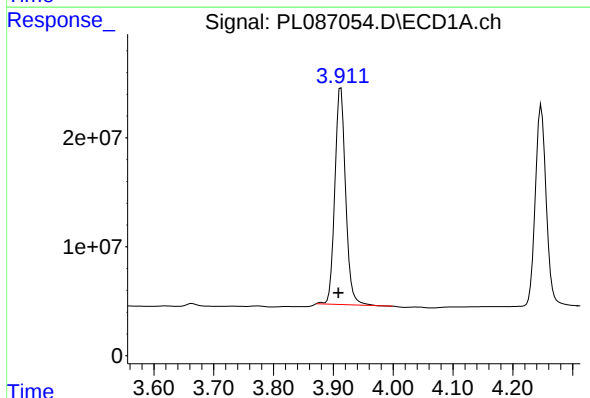
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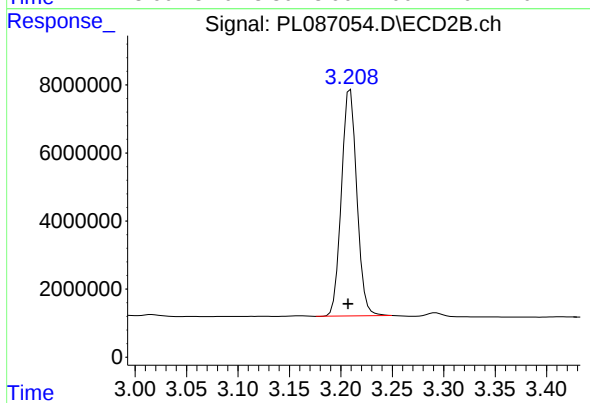
#1 Tetrachloro-m-xylene

R.T.: 2.702 min
Delta R.T.: 0.002 min
Response: 18600282
Conc: 19.01 ng/ml



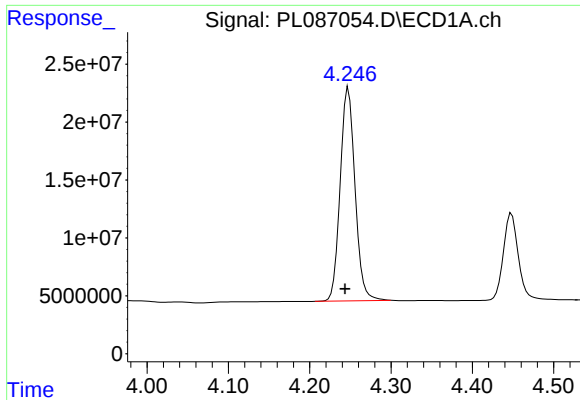
#2 alpha-BHC

R.T.: 3.913 min
Delta R.T.: 0.004 min
Response: 249235440
Conc: 55.38 ng/ml



#2 alpha-BHC

R.T.: 3.209 min
Delta R.T.: 0.002 min
Response: 69476531
Conc: 54.21 ng/ml



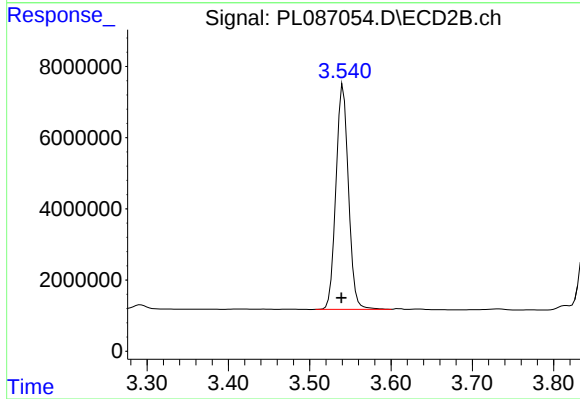
#3 gamma-BHC (Lindane)

R.T.: 4.248 min
Delta R.T.: 0.004 min
Response: 233299484
Conc: 56.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
E8965C-CC-001MSD

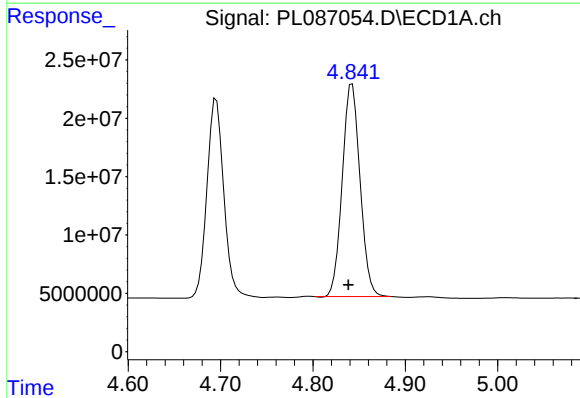
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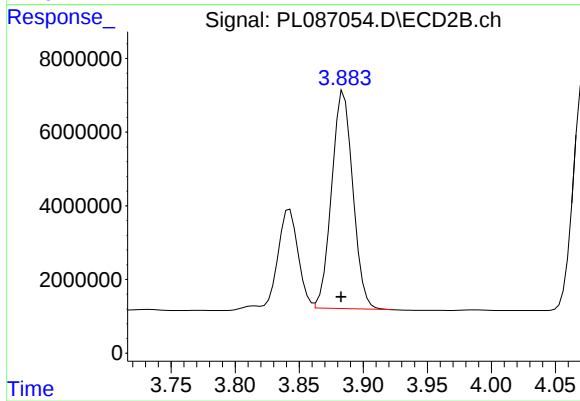
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.002 min
Response: 67561461
Conc: 53.34 ng/ml



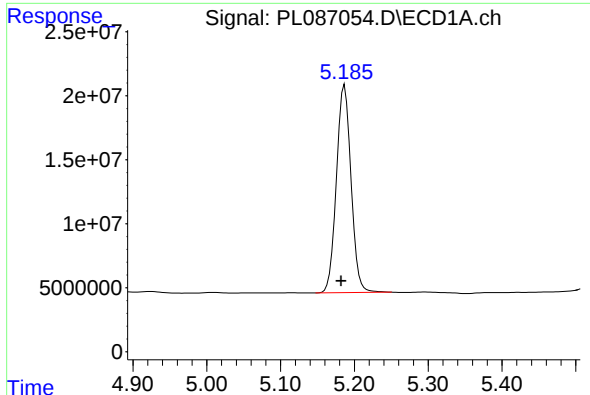
#4 Heptachlor

R.T.: 4.843 min
Delta R.T.: 0.004 min
Response: 243673760
Conc: 60.27 ng/ml



#4 Heptachlor

R.T.: 3.885 min
Delta R.T.: 0.002 min
Response: 67905662
Conc: 54.56 ng/ml



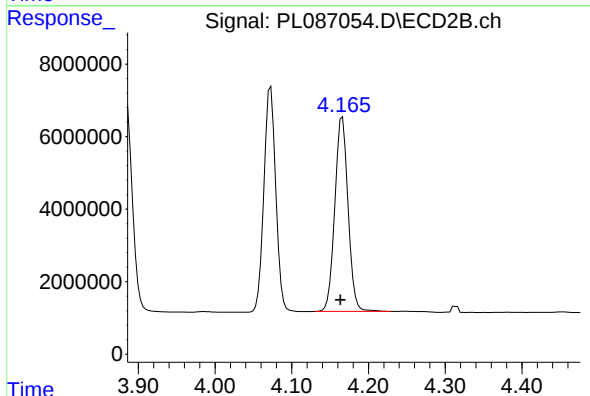
#5 Aldrin

R.T.: 5.187 min
Delta R.T.: 0.005 min
Response: 223414446
Conc: 56.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
E8965C-CC-001MSD

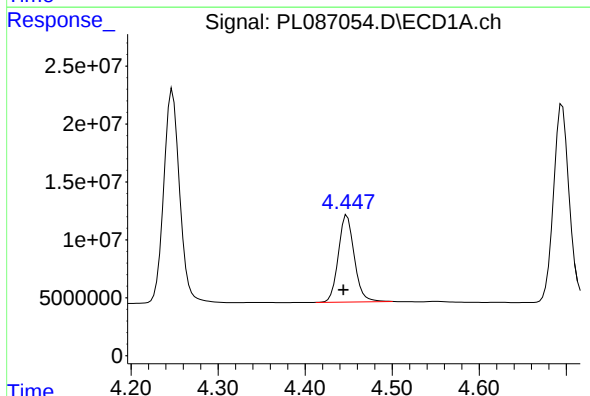
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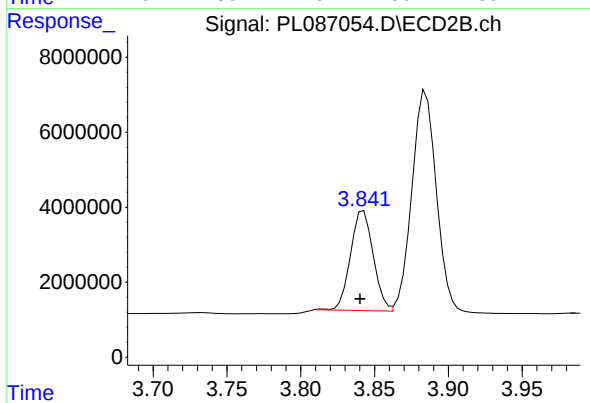
#5 Aldrin

R.T.: 4.166 min
Delta R.T.: 0.002 min
Response: 64311575
Conc: 53.47 ng/ml



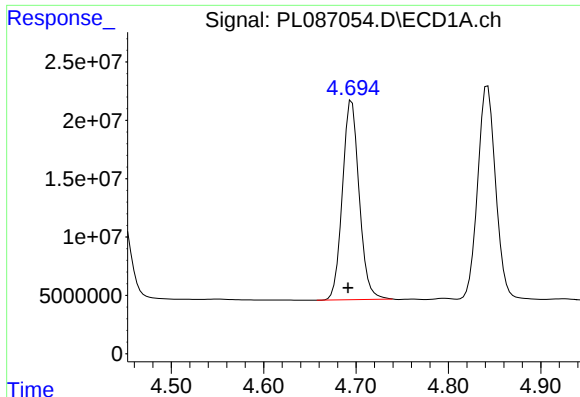
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: 0.004 min
Response: 95606290
Conc: 56.22 ng/ml



#6 beta-BHC

R.T.: 3.843 min
Delta R.T.: 0.002 min
Response: 28585000
Conc: 50.38 ng/ml



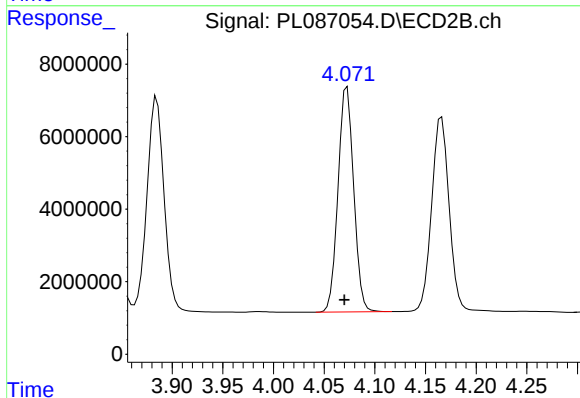
#7 delta-BHC

R.T.: 4.695 min
Delta R.T.: 0.004 min
Response: 215268177
Conc: 59.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
E8965C-CC-001MSD

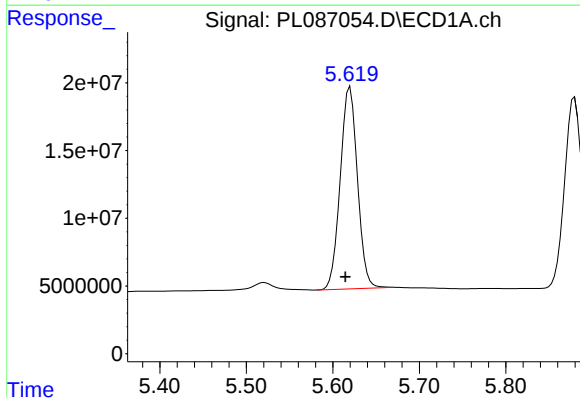
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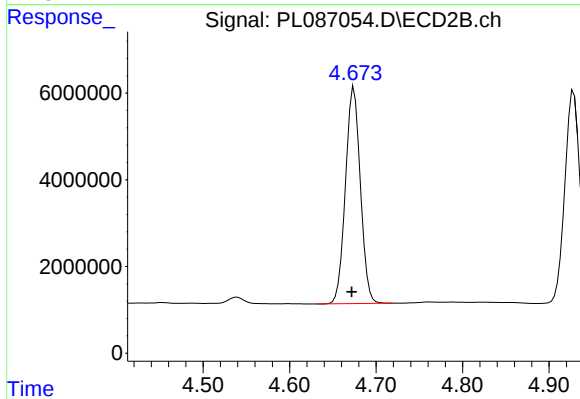
#7 delta-BHC

R.T.: 4.073 min
Delta R.T.: 0.003 min
Response: 66730380
Conc: 54.90 ng/ml



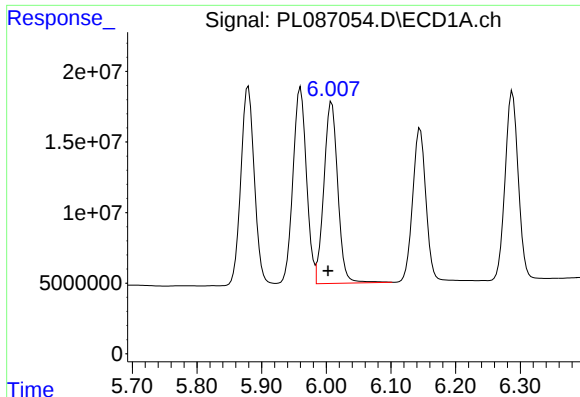
#8 Heptachlor epoxide

R.T.: 5.620 min
Delta R.T.: 0.005 min
Response: 204894383
Conc: 58.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.674 min
Delta R.T.: 0.003 min
Response: 59458842
Conc: 53.83 ng/ml



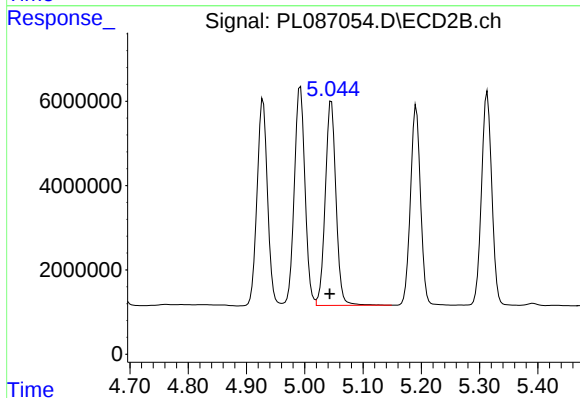
#9 Endosulfan I

R.T.: 6.008 min
Delta R.T.: 0.005 min
Response: 192577850
Conc: 58.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
E8965C-CC-001MSD

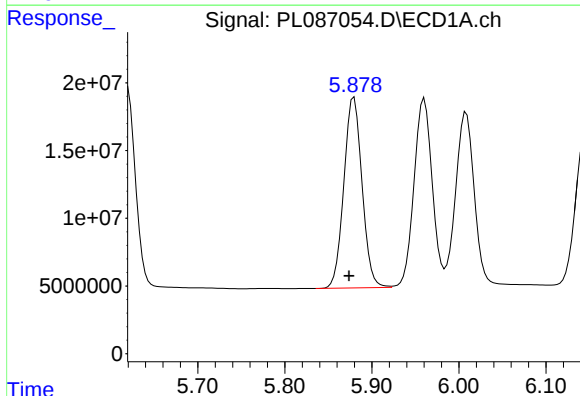
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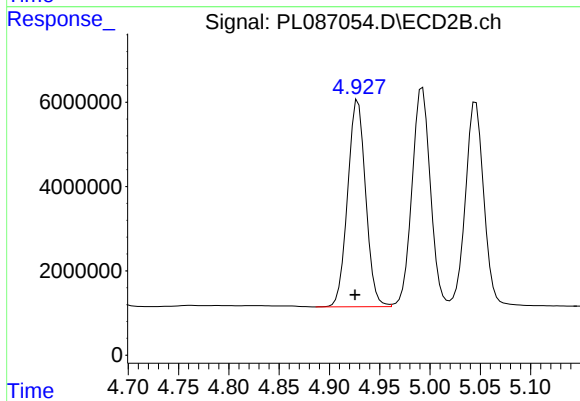
#9 Endosulfan I

R.T.: 5.046 min
Delta R.T.: 0.002 min
Response: 62203304
Conc: 58.52 ng/ml



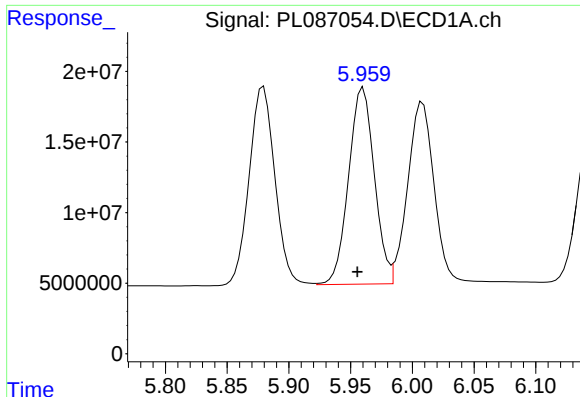
#10 gamma-Chlordane

R.T.: 5.879 min
Delta R.T.: 0.006 min
Response: 204273909
Conc: 59.39 ng/ml



#10 gamma-Chlordane

R.T.: 4.928 min
Delta R.T.: 0.003 min
Response: 61044534
Conc: 56.74 ng/ml



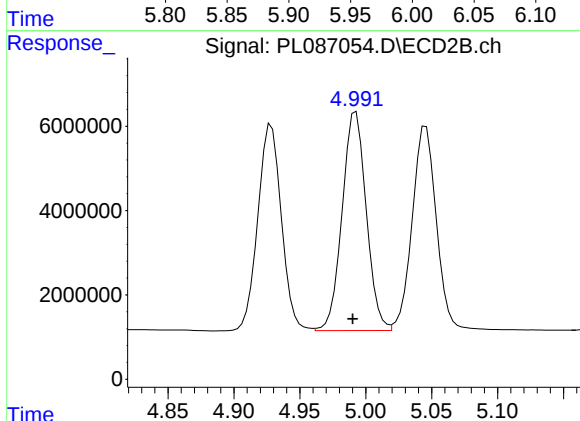
#11 alpha-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.005 min
Response: 202060910
Conc: 58.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
E8965C-CC-001MSD

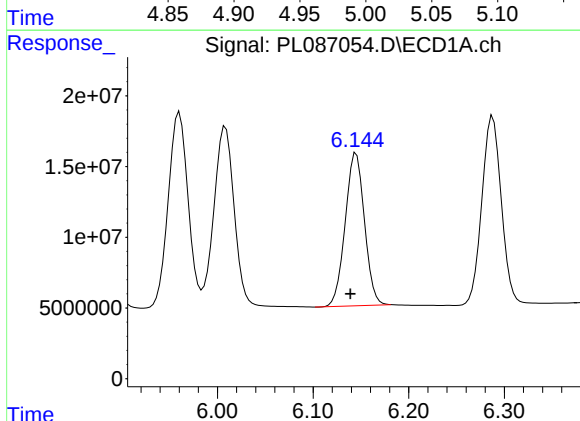
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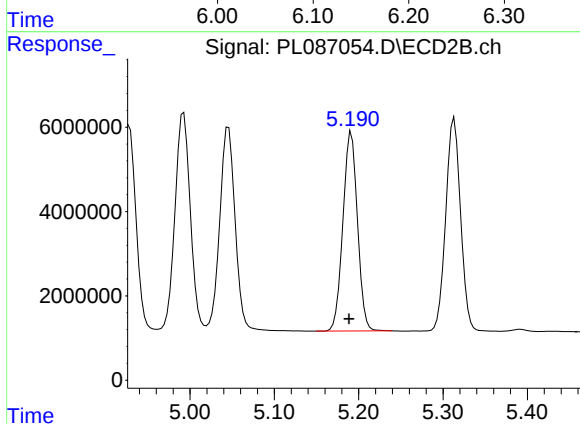
#11 alpha-Chlordane

R.T.: 4.993 min
Delta R.T.: 0.003 min
Response: 66031867
Conc: 59.25 ng/ml



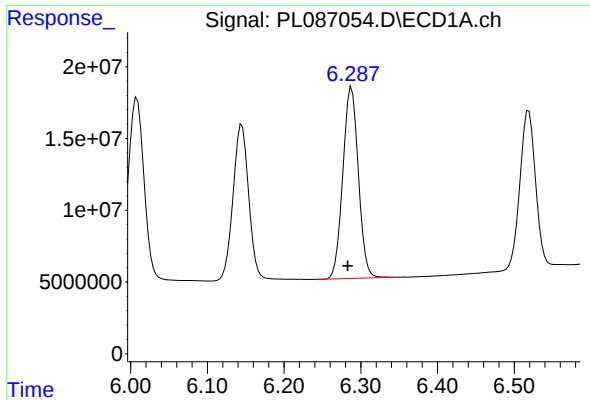
#12 4,4'-DDE

R.T.: 6.145 min
Delta R.T.: 0.006 min
Response: 151830365
Conc: 60.56 ng/ml



#12 4,4'-DDE

R.T.: 5.191 min
Delta R.T.: 0.003 min
Response: 56634988
Conc: 63.73 ng/ml



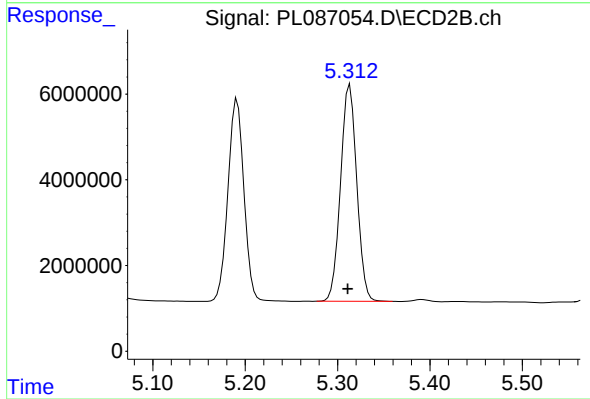
#13 Dieldrin

R.T.: 6.288 min
Delta R.T.: 0.005 min
Response: 187944063
Conc: 58.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
E8965C-CC-001MSD

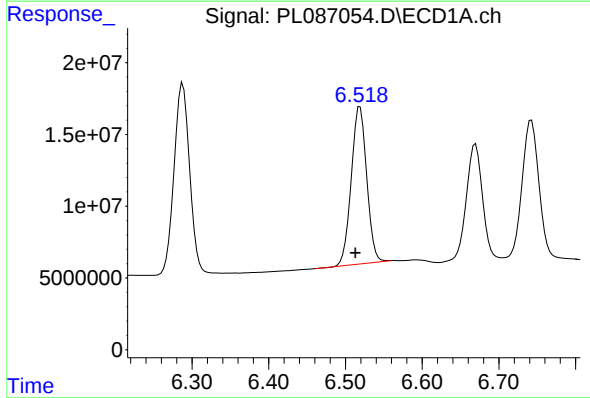
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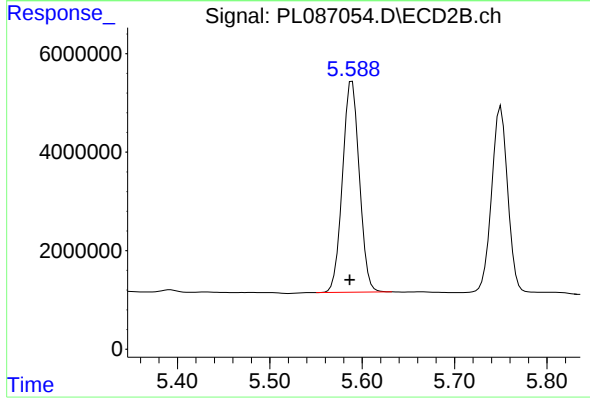
#13 Dieldrin

R.T.: 5.313 min
Delta R.T.: 0.002 min
Response: 61721891
Conc: 61.59 ng/ml



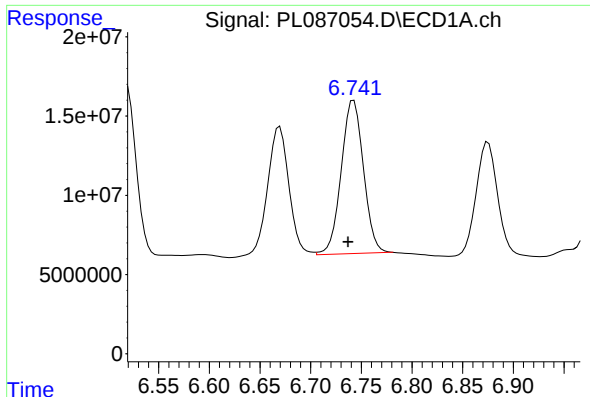
#14 Endrin

R.T.: 6.519 min
Delta R.T.: 0.006 min
Response: 155234185
Conc: 70.34 ng/ml



#14 Endrin

R.T.: 5.589 min
Delta R.T.: 0.003 min
Response: 54369523
Conc: 66.65 ng/ml



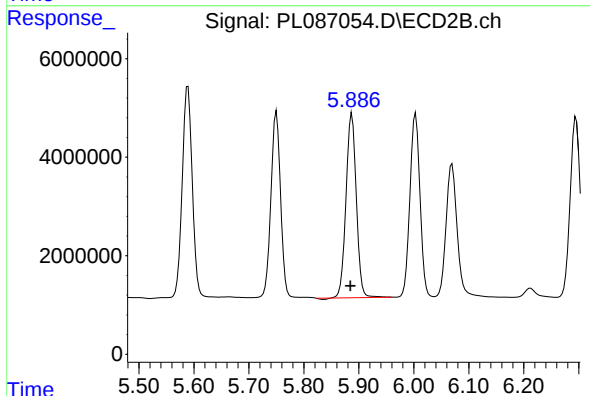
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: 0.006 min
Response: 147773356
Conc: 57.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
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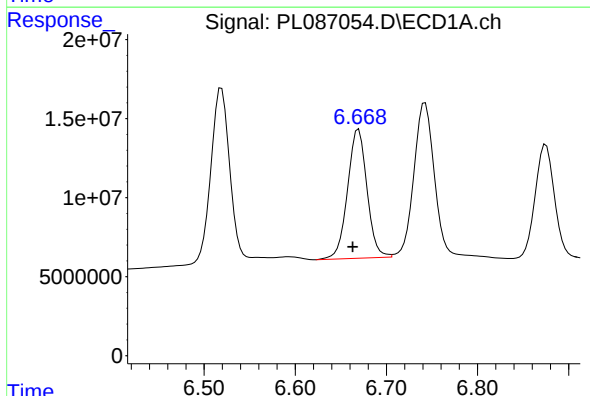
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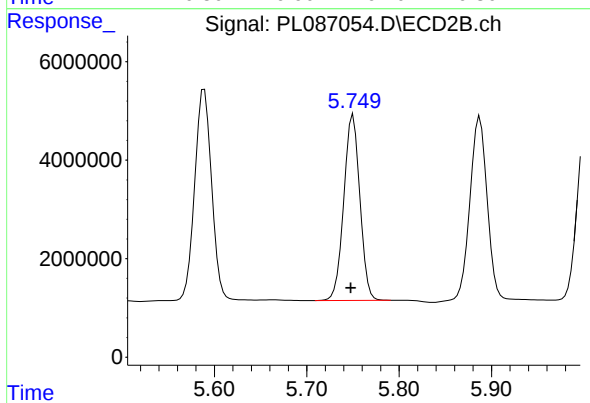
#15 Endosulfan II

R.T.: 5.887 min
Delta R.T.: 0.003 min
Response: 48626894
Conc: 55.24 ng/ml



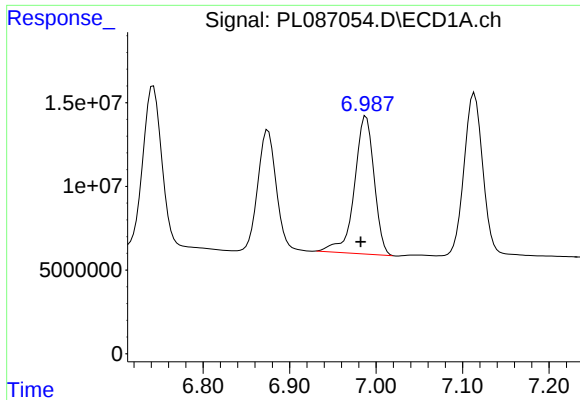
#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: 0.006 min
Response: 120762075
Conc: 60.09 ng/ml



#16 4,4'-DDD

R.T.: 5.750 min
Delta R.T.: 0.003 min
Response: 45635538
Conc: 58.87 ng/ml



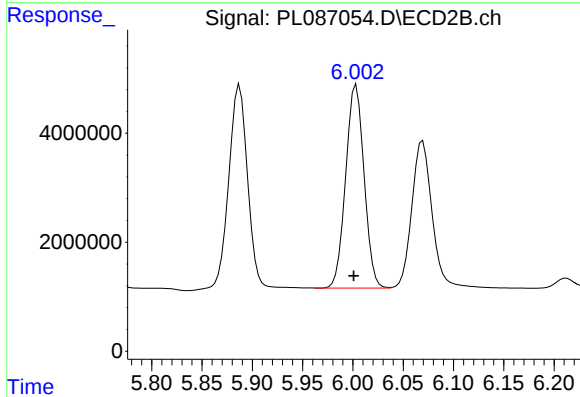
#17 4,4'-DDT

R.T.: 6.988 min
Delta R.T.: 0.006 min
Response: 129697142
Conc: 65.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
E8965C-CC-001MSD

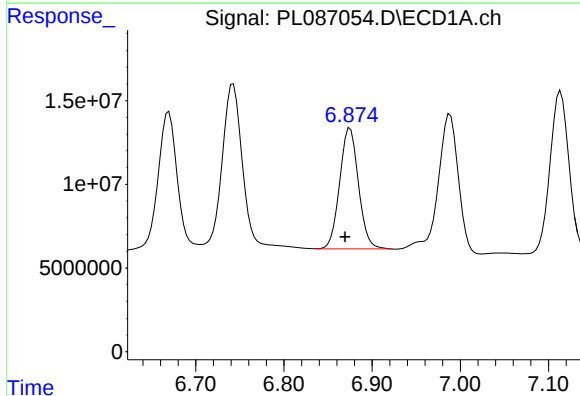
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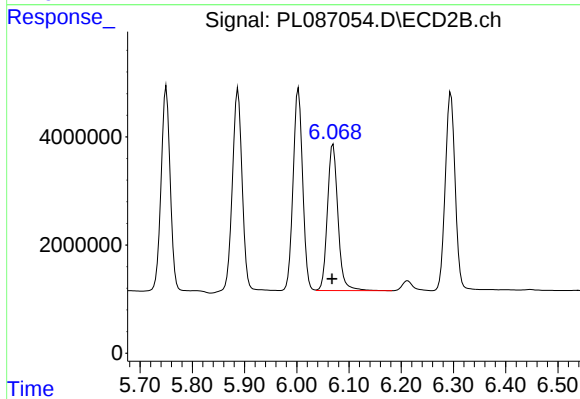
#17 4,4'-DDT

R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 47352118
Conc: 62.37 ng/ml



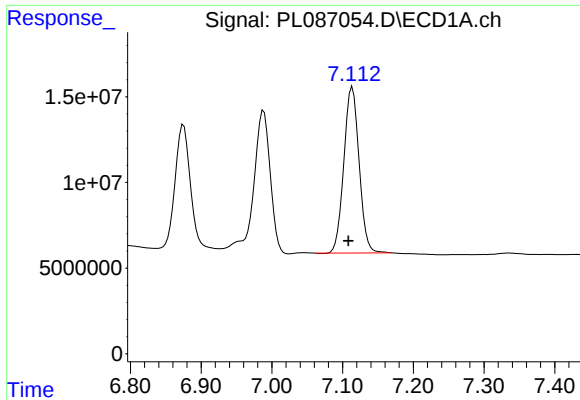
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.005 min
Response: 107199209
Conc: 59.07 ng/ml m



#18 Endrin aldehyde

R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 37928577
Conc: 55.39 ng/ml



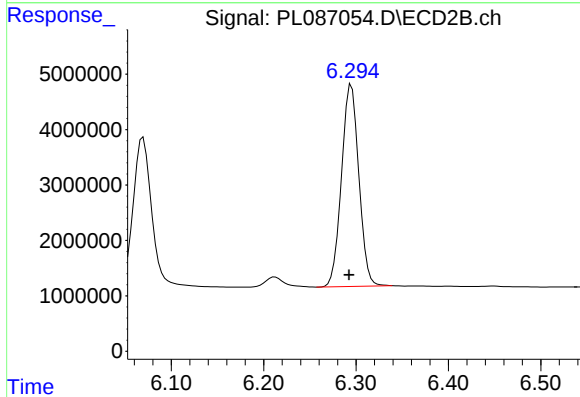
#19 Endosulfan Sulfate

R.T.: 7.114 min
Delta R.T.: 0.006 min
Response: 145233355
Conc: 58.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
E8965C-CC-001MSD

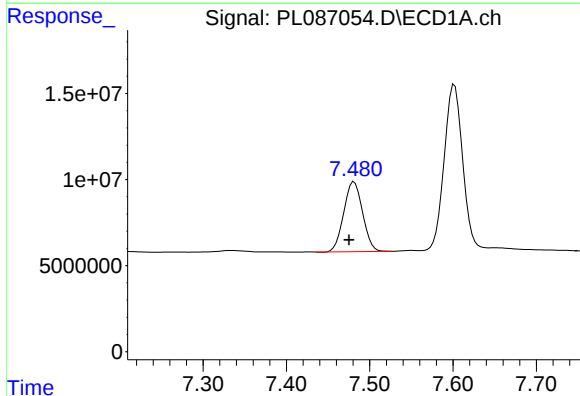
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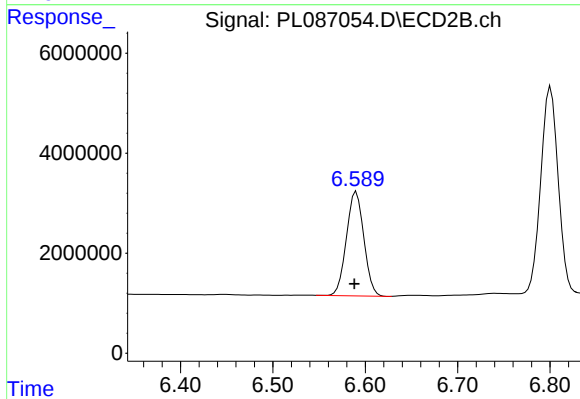
#19 Endosulfan Sulfate

R.T.: 6.295 min
Delta R.T.: 0.003 min
Response: 47599181
Conc: 53.94 ng/ml



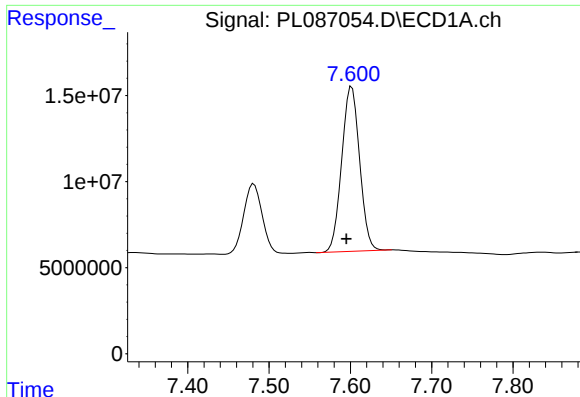
#20 Methoxychlor

R.T.: 7.481 min
Delta R.T.: 0.006 min
Response: 63547376
Conc: 59.70 ng/ml



#20 Methoxychlor

R.T.: 6.590 min
Delta R.T.: 0.002 min
Response: 27281716
Conc: 57.06 ng/ml



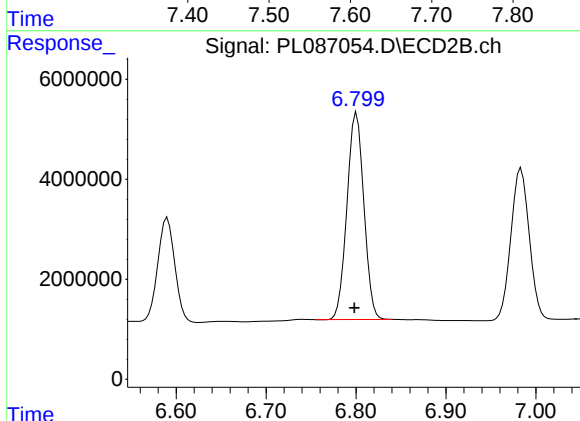
#21 Endrin ketone

R.T.: 7.602 min
Delta R.T.: 0.006 min
Response: 146136768
Conc: 57.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
E8965C-CC-001MSD

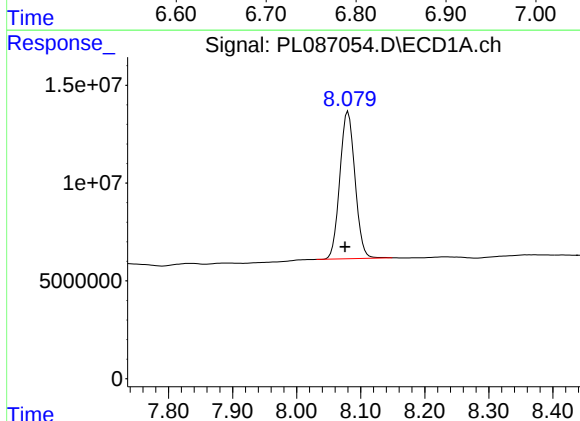
Manual Integrations
APPROVED

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



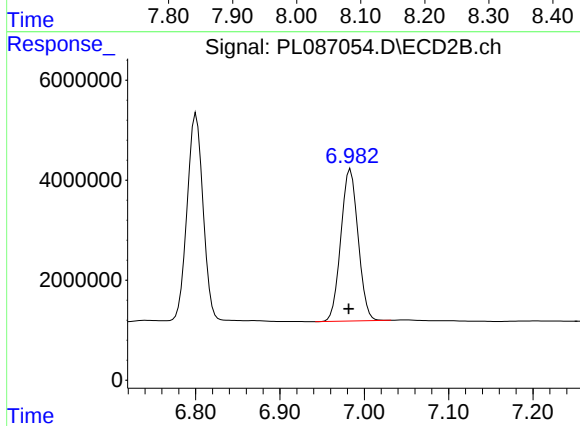
#21 Endrin ketone

R.T.: 6.801 min
Delta R.T.: 0.002 min
Response: 54098083
Conc: 53.49 ng/ml



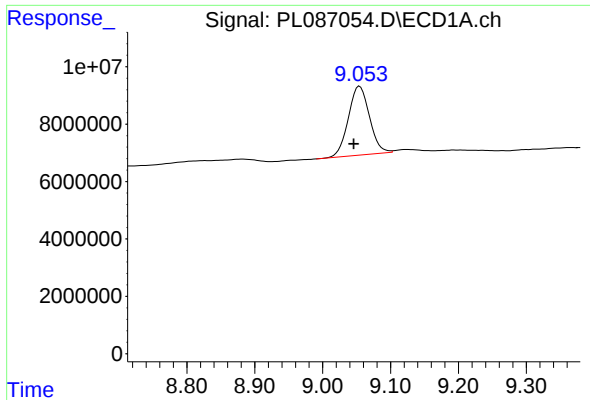
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.005 min
Response: 123626980
Conc: 54.89 ng/ml



#22 Mirex

R.T.: 6.984 min
Delta R.T.: 0.002 min
Response: 43168398
Conc: 48.65 ng/ml



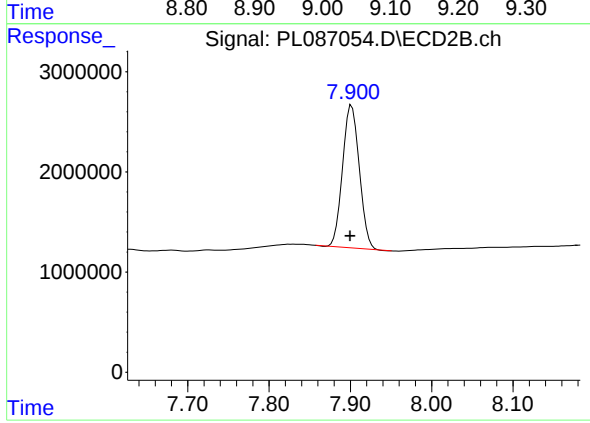
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.008 min
Response: 51738848
Conc: 22.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
E8965C-CC-001MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: 0.002 min
Response: 20258560
Conc: 21.05 ng/ml