

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121323\
 Data File : PL087137.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2023 16:34
 Operator : AR\AJ
 Sample : PB157752BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157752BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/14/2023
 Supervised By :Ankita Jodhani 12/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 23:34:01 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...	3.463	2.704	80557906	23114837	22.079	23.404
28)	SA Decachlor...	9.062	7.902	76906049	26109096	25.408	25.488
Target Compounds							
2)	A alpha-BHC	3.923	3.211	218.5E6	56504153	41.598	42.788
3)	MA gamma-BHC...	4.258	3.543	200.8E6	55286439	40.887	42.225
4)	MA Heptachlor	4.854	3.886	213.4E6	54626050	42.108	42.073
5)	MB Aldrin	5.197	4.167	200.4E6	51229621	41.794	41.754
6)	B beta-BHC	4.460	3.845	83593305	24922369	39.788	41.775
7)	B delta-BHC	4.706	4.075	190.9E6	54569078	41.728	42.524
8)	B Heptachlo...	5.629	4.675	184.8E6	54705726	43.610m	47.408m
9)	A Endosulfan I	6.019	5.047	172.6E6	49272197	42.785	40.531
10)	B gamma-Chl...	5.890	4.929	186.4E6	52955015	43.444	43.271
11)	B alpha-Chl...	5.971	4.994	183.8E6	53670754	42.965	42.660
12)	B 4,4'-DDE	6.155	5.193	143.3E6	45799570	43.789m	44.061
13)	MA Dieldrin	6.299	5.315	172.4E6	50099794	42.302	43.055
14)	MA Endrin	6.529	5.591	137.4E6	44174582	41.249	43.206
15)	B Endosulfa...	6.753	5.889	139.3E6	43356587	38.454	44.296
16)	A 4,4'-DDD	6.681	5.751	110.3E6	38912868	45.335	46.928
17)	MA 4,4'-DDT	6.998	6.005	123.2E6	39910996	43.602m	45.494
18)	B Endrin al...	6.885	6.071	103.7E6	34519339	44.061	43.323
19)	B Endosulfa...	7.123	6.296	143.5E6	44084048	43.666	47.184
20)	A Methoxychlor	7.491	6.592	62275405	23351963	42.584	42.830
21)	B Endrin ke...	7.611	6.803	143.9E6	50194244	44.366	46.703
22)	Mirex	8.089	6.985	122.4E6	40473204	41.593	43.068

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121323\
Data File : PL087137.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2023 16:34
Operator : AR\AJ
Sample : PB157752BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB157752BS

Manual Integrations

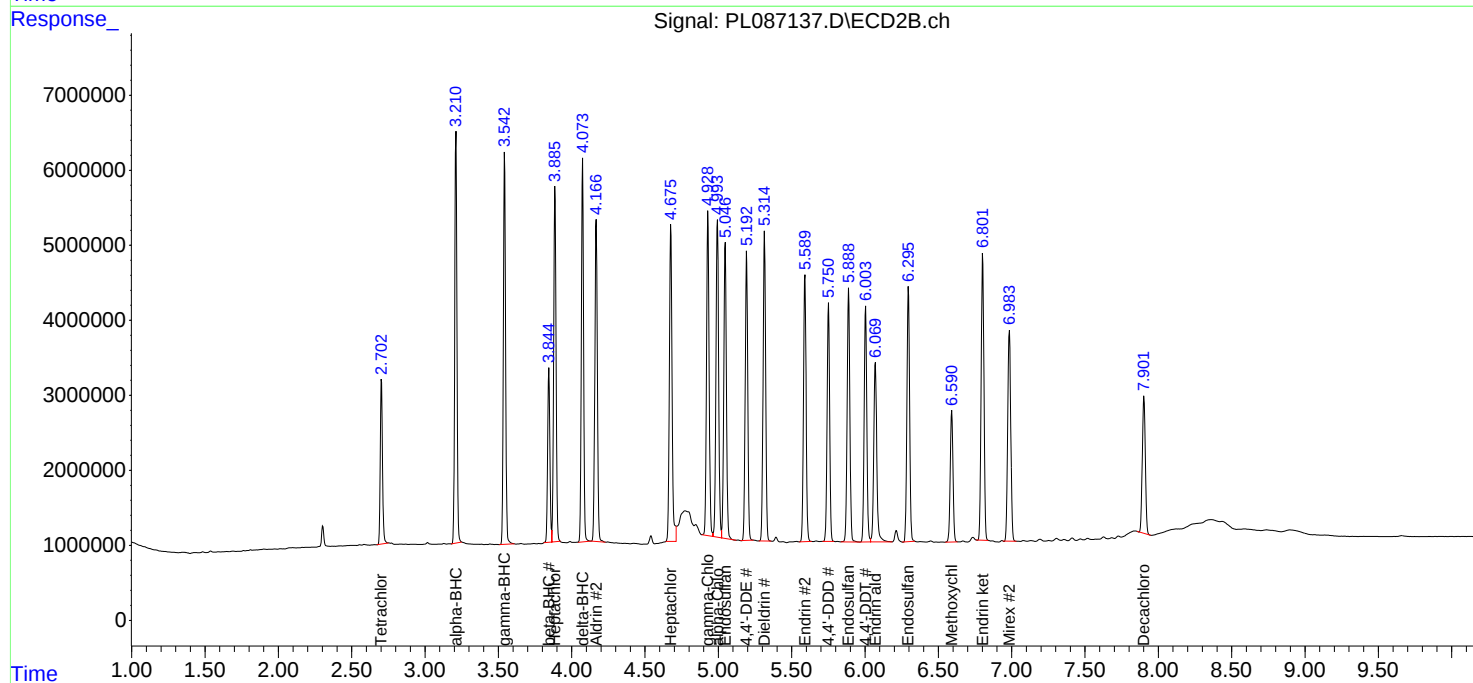
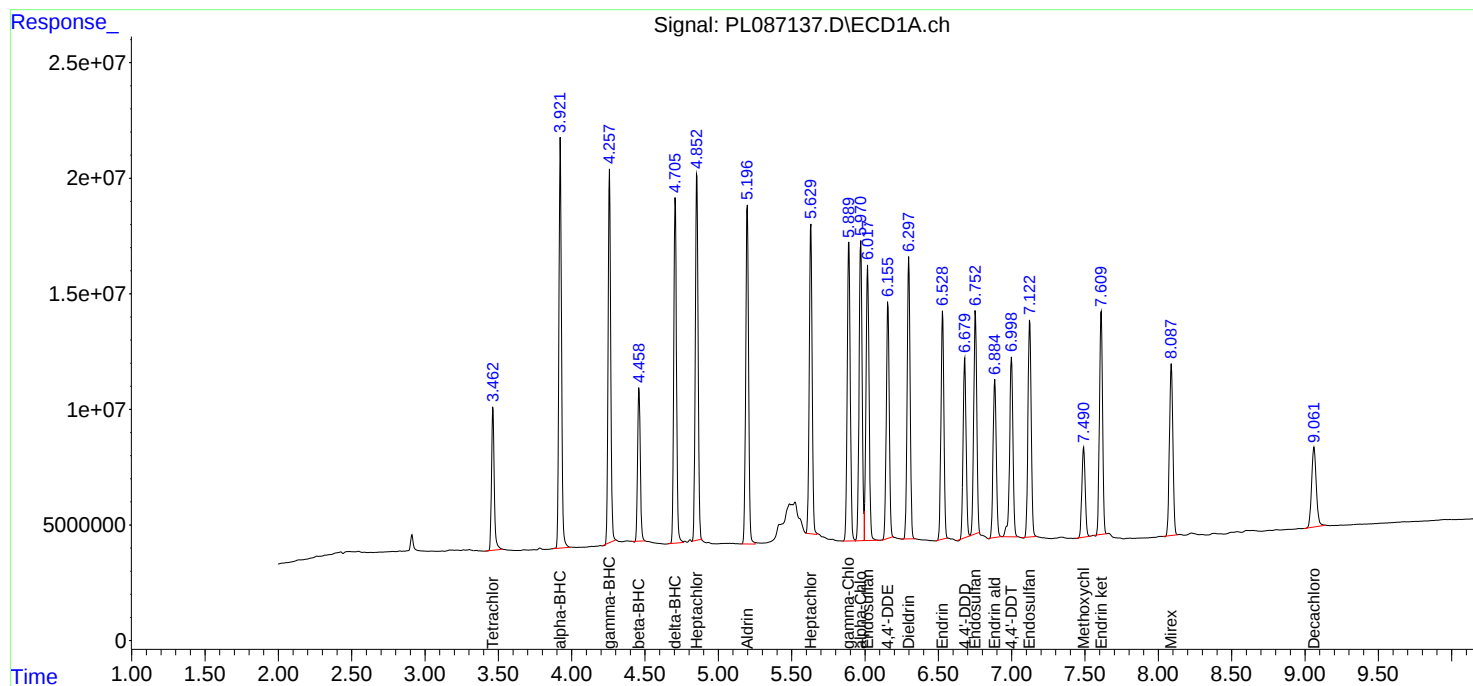
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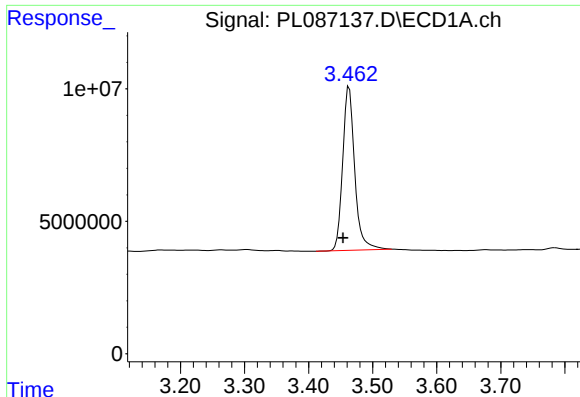
Reviewed By :Abdul Mirza 12/14/2023

Supervised By :Ankita Jodhani 12/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 23:34:01 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





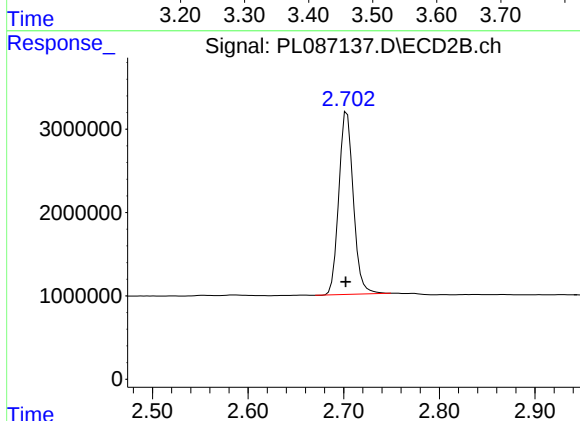
#1 Tetrachloro-m-xylene

R.T.: 3.463 min
Delta R.T.: 0.009 min
Response: 80557906
Conc: 22.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BS

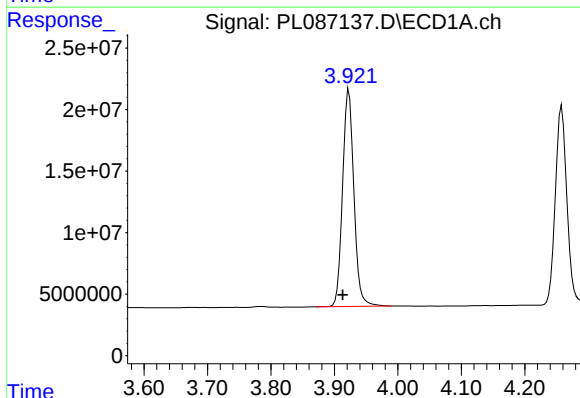
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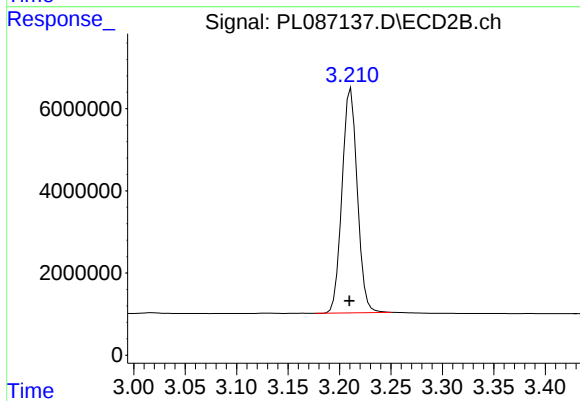
#1 Tetrachloro-m-xylene

R.T.: 2.704 min
Delta R.T.: 0.001 min
Response: 23114837
Conc: 23.40 ng/ml



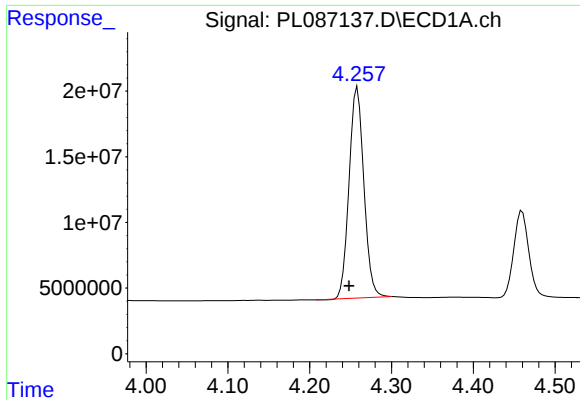
#2 alpha-BHC

R.T.: 3.923 min
Delta R.T.: 0.010 min
Response: 218519219
Conc: 41.60 ng/ml



#2 alpha-BHC

R.T.: 3.211 min
Delta R.T.: 0.002 min
Response: 56504153
Conc: 42.79 ng/ml



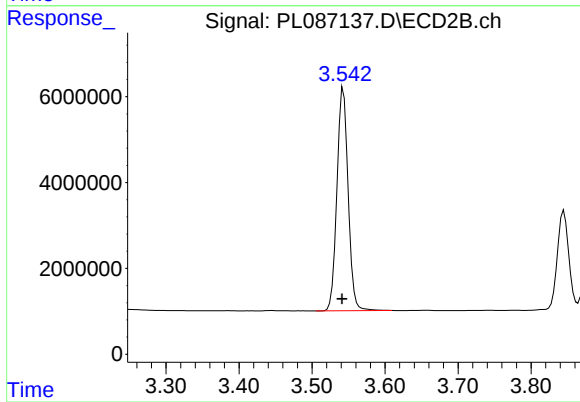
#3 gamma-BHC (Lindane)

R.T.: 4.258 min
Delta R.T.: 0.010 min
Response: 200819605
Conc: 40.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BS

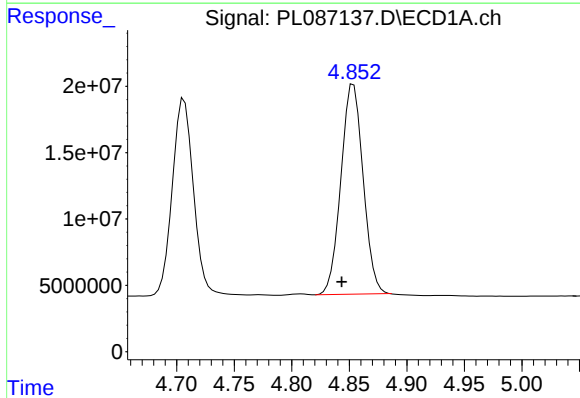
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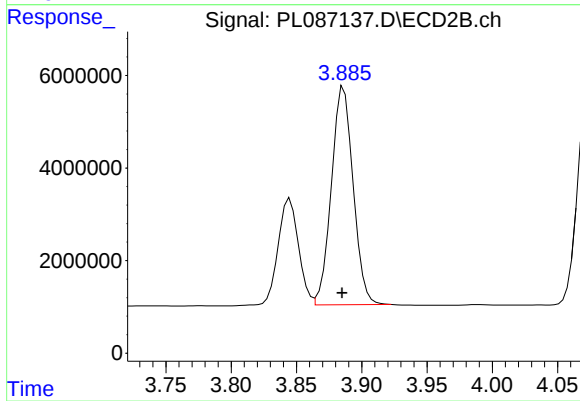
#3 gamma-BHC (Lindane)

R.T.: 3.543 min
Delta R.T.: 0.002 min
Response: 55286439
Conc: 42.22 ng/ml



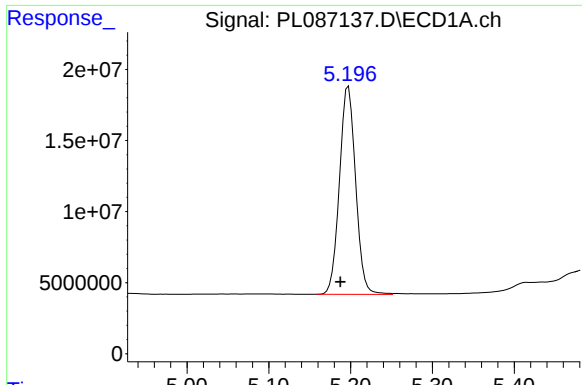
#4 Heptachlor

R.T.: 4.854 min
Delta R.T.: 0.010 min
Response: 213447292
Conc: 42.11 ng/ml



#4 Heptachlor

R.T.: 3.886 min
Delta R.T.: 0.001 min
Response: 54626050
Conc: 42.07 ng/ml



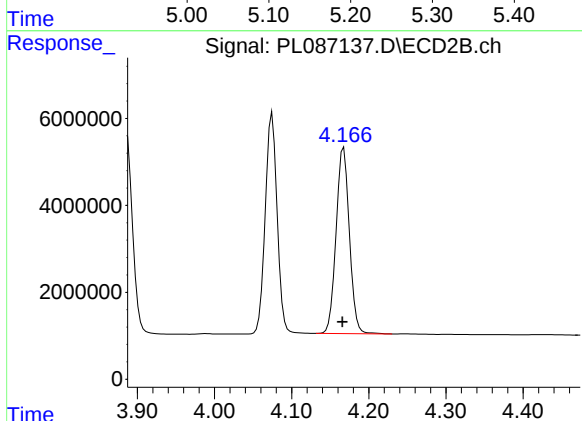
#5 Aldrin

R.T.: 5.197 min
Delta R.T.: 0.010 min
Response: 200376312
Conc: 41.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BS

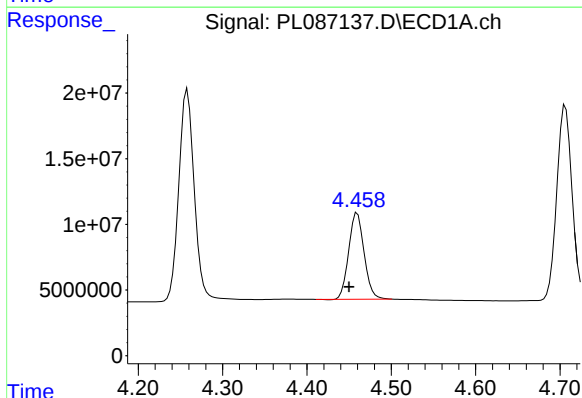
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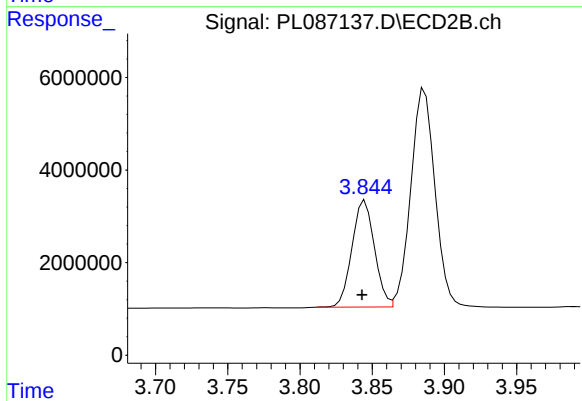
#5 Aldrin

R.T.: 4.167 min
Delta R.T.: 0.002 min
Response: 51229621
Conc: 41.75 ng/ml



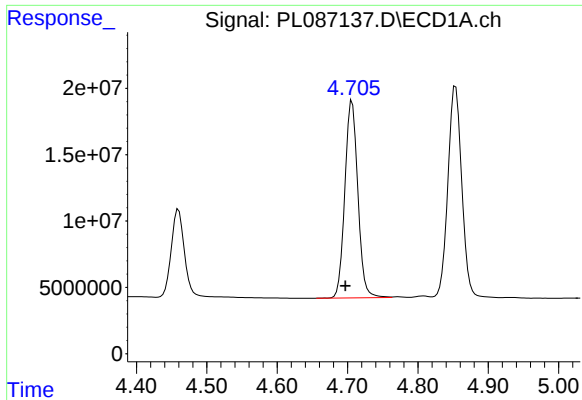
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.010 min
Response: 83593305
Conc: 39.79 ng/ml



#6 beta-BHC

R.T.: 3.845 min
Delta R.T.: 0.002 min
Response: 24922369
Conc: 41.77 ng/ml



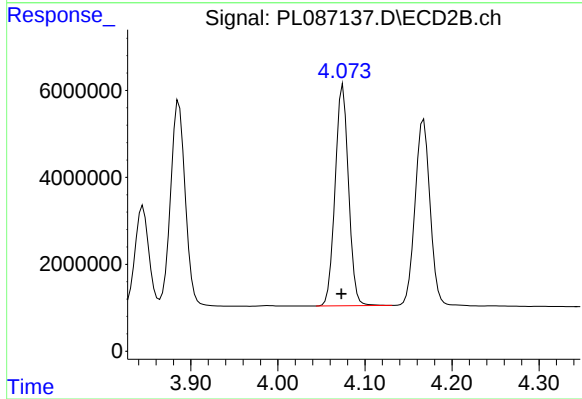
#7 delta-BHC

R.T.: 4.706 min
Delta R.T.: 0.010 min
Response: 190885965
Conc: 41.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BS

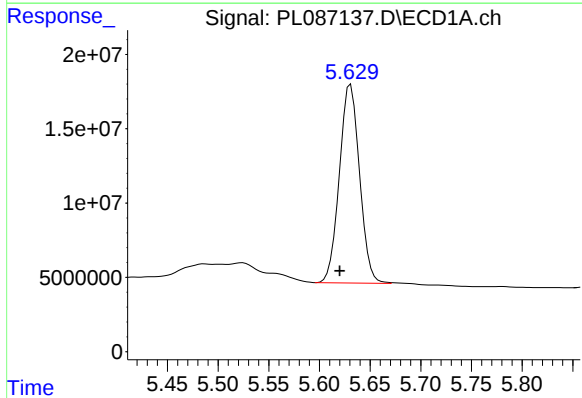
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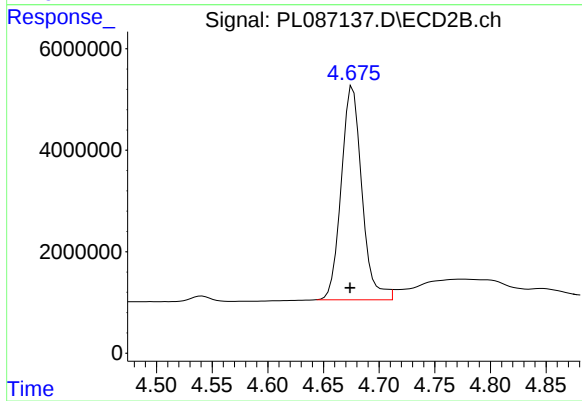
#7 delta-BHC

R.T.: 4.075 min
Delta R.T.: 0.002 min
Response: 54569078
Conc: 42.52 ng/ml



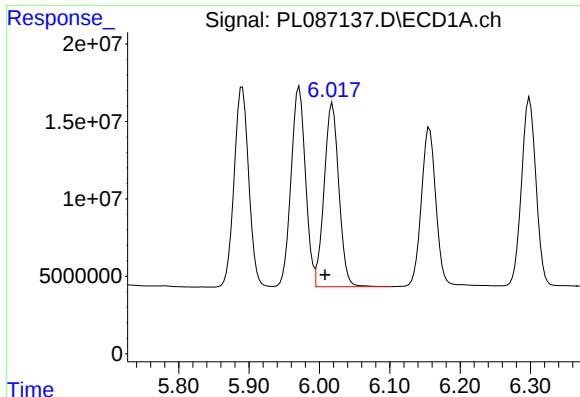
#8 Heptachlor epoxide

R.T.: 5.629 min
Delta R.T.: 0.009 min
Response: 184843816
Conc: 43.61 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 54705726
Conc: 47.41 ng/ml m



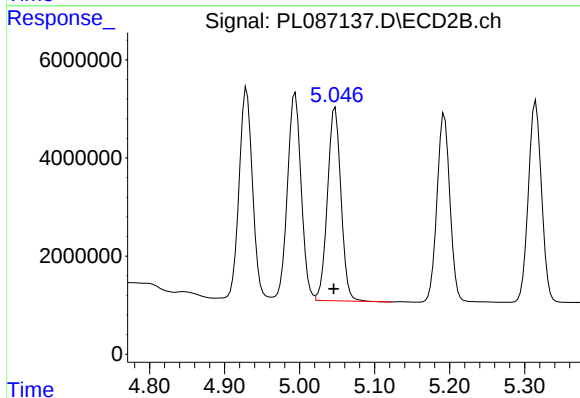
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.011 min
Response: 172631674
Conc: 42.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BS

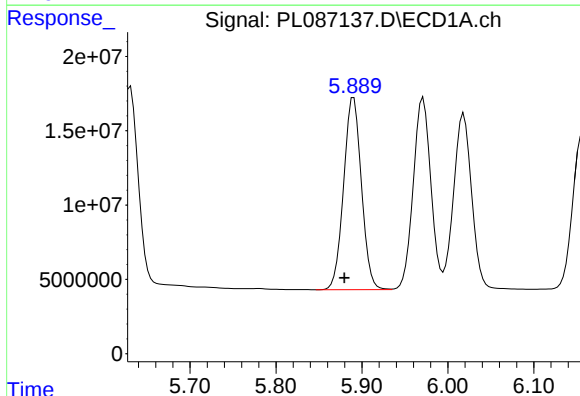
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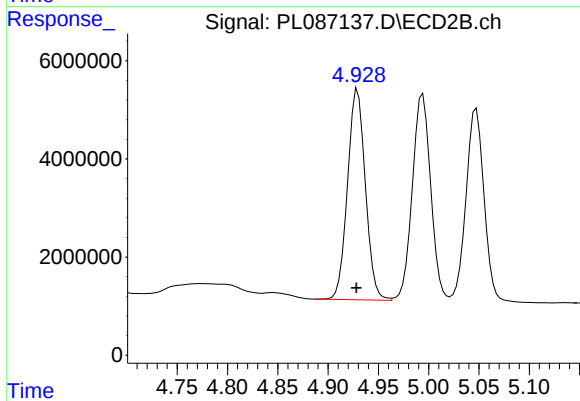
#9 Endosulfan I

R.T.: 5.047 min
Delta R.T.: 0.002 min
Response: 49272197
Conc: 40.53 ng/ml



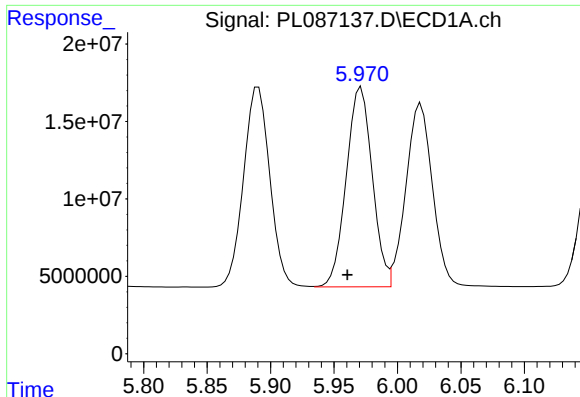
#10 gamma-Chlordane

R.T.: 5.890 min
Delta R.T.: 0.011 min
Response: 186400579
Conc: 43.44 ng/ml



#10 gamma-Chlordane

R.T.: 4.929 min
Delta R.T.: 0.001 min
Response: 52955015
Conc: 43.27 ng/ml



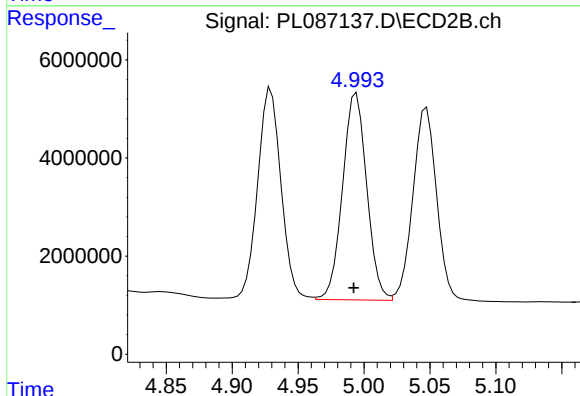
#11 alpha-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.011 min
Response: 183752042
Conc: 42.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BS

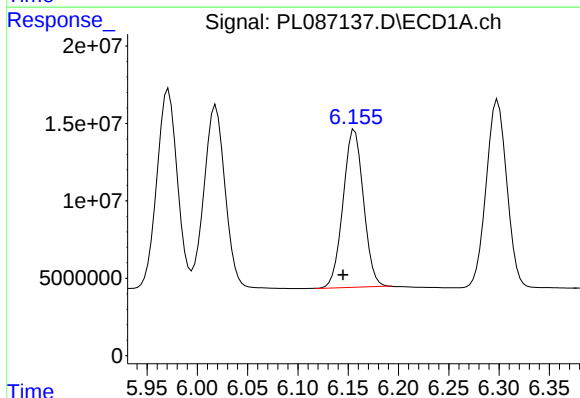
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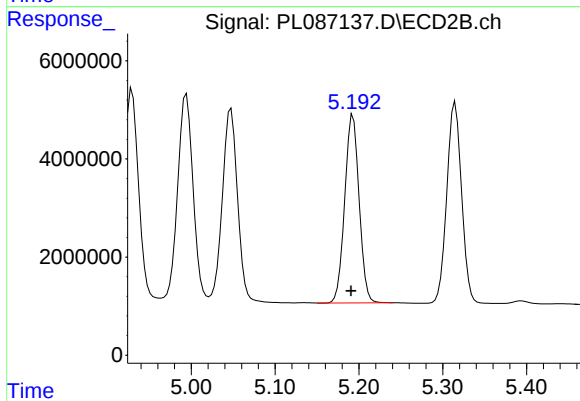
#11 alpha-Chlordane

R.T.: 4.994 min
Delta R.T.: 0.002 min
Response: 53670754
Conc: 42.66 ng/ml



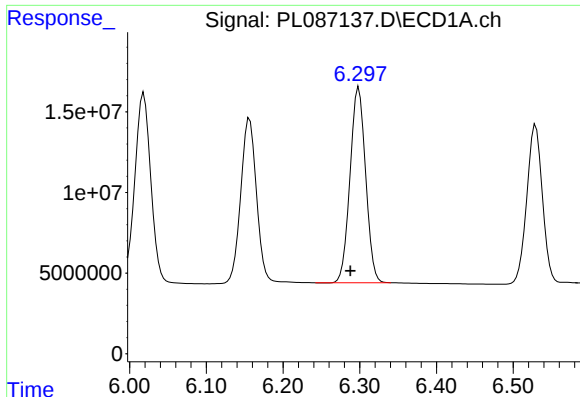
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: 0.010 min
Response: 143341319
Conc: 43.79 ng/ml m



#12 4,4'-DDE

R.T.: 5.193 min
Delta R.T.: 0.002 min
Response: 45799570
Conc: 44.06 ng/ml



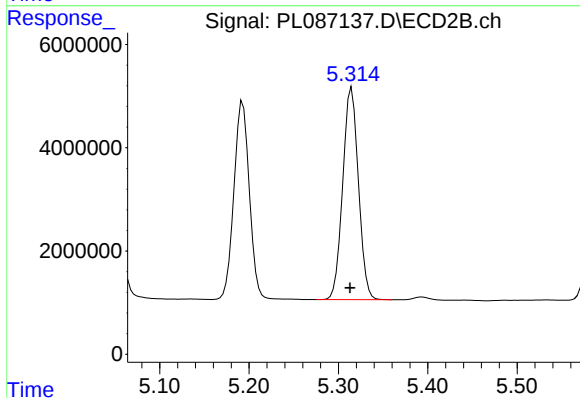
#13 Dieldrin

R.T.: 6.299 min
Delta R.T.: 0.011 min
Response: 172399300
Conc: 42.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BS

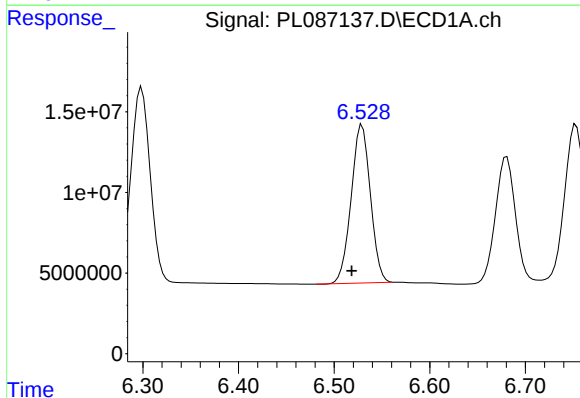
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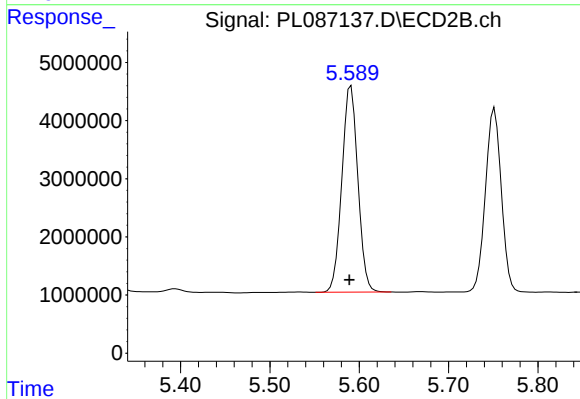
#13 Dieldrin

R.T.: 5.315 min
Delta R.T.: 0.002 min
Response: 50099794
Conc: 43.05 ng/ml



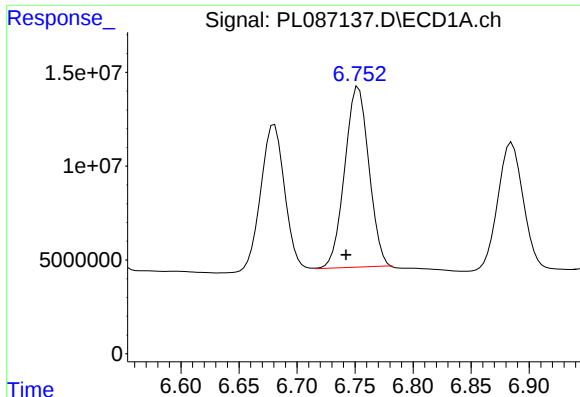
#14 Endrin

R.T.: 6.529 min
Delta R.T.: 0.011 min
Response: 137405504
Conc: 41.25 ng/ml



#14 Endrin

R.T.: 5.591 min
Delta R.T.: 0.002 min
Response: 44174582
Conc: 43.21 ng/ml



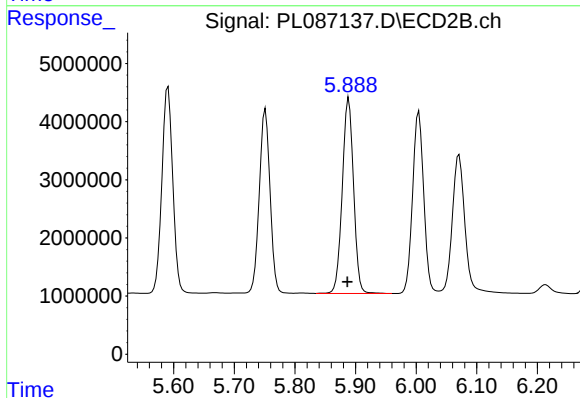
#15 Endosulfan II

R.T.: 6.753 min
Delta R.T.: 0.011 min
Response: 139335245
Conc: 38.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BS

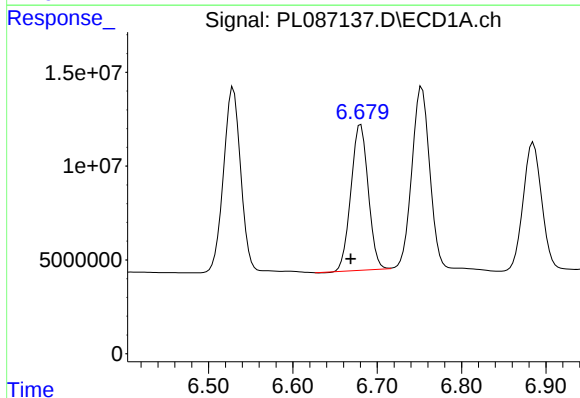
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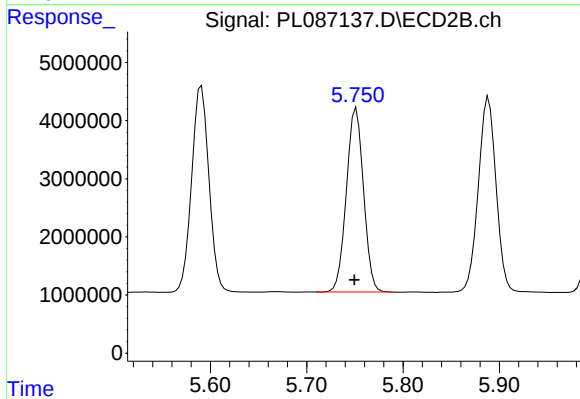
#15 Endosulfan II

R.T.: 5.889 min
Delta R.T.: 0.002 min
Response: 43356587
Conc: 44.30 ng/ml



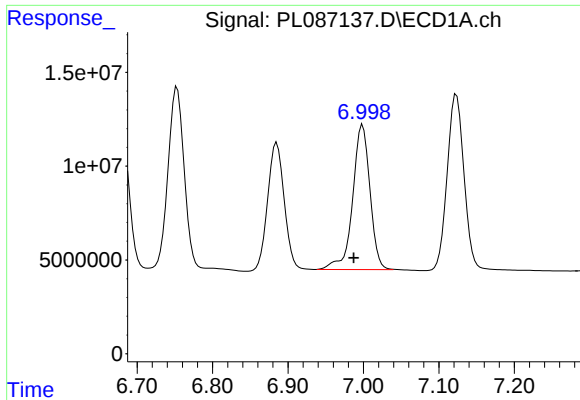
#16 4,4'-DDD

R.T.: 6.681 min
Delta R.T.: 0.012 min
Response: 110319535
Conc: 45.33 ng/ml



#16 4,4'-DDD

R.T.: 5.751 min
Delta R.T.: 0.002 min
Response: 38912868
Conc: 46.93 ng/ml



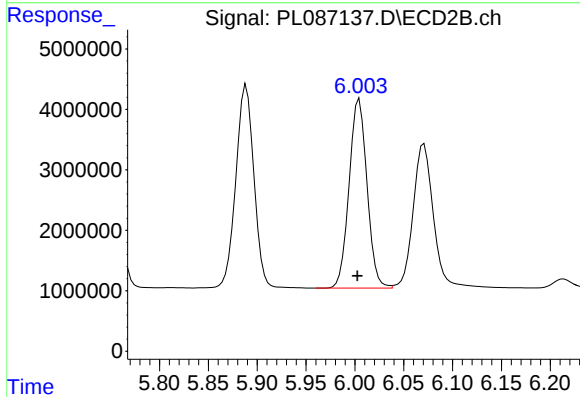
#17 4,4'-DDT

R.T.: 6.998 min
Delta R.T.: 0.010 min
Response: 123191996
Conc: 43.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BS

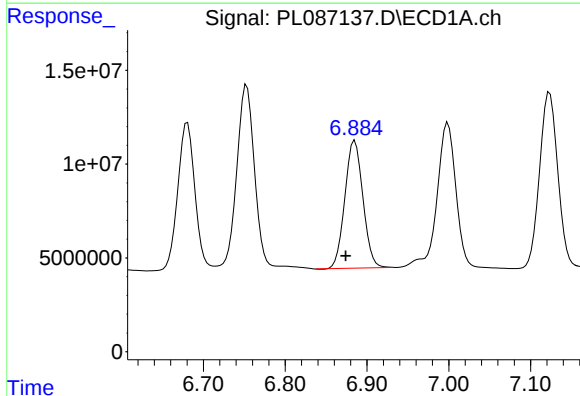
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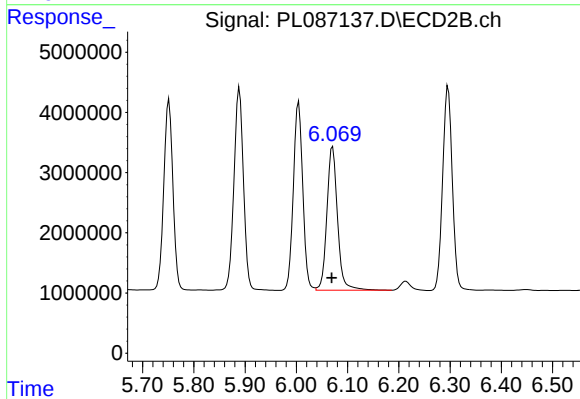
#17 4,4'-DDT

R.T.: 6.005 min
Delta R.T.: 0.002 min
Response: 39910996
Conc: 45.49 ng/ml



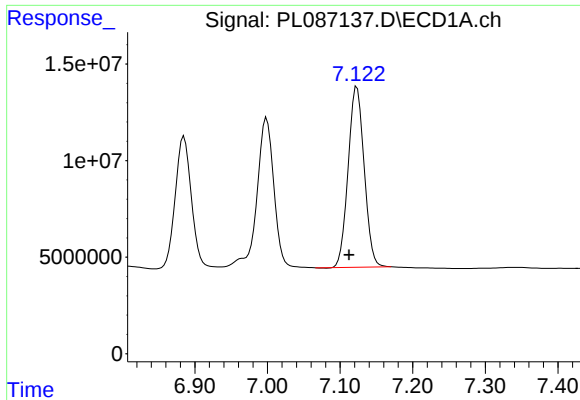
#18 Endrin aldehyde

R.T.: 6.885 min
Delta R.T.: 0.011 min
Response: 103715503
Conc: 44.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 34519339
Conc: 43.32 ng/ml



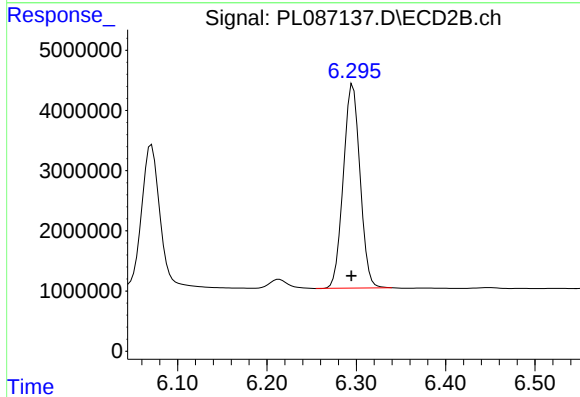
#19 Endosulfan Sulfate

R.T.: 7.123 min
Delta R.T.: 0.011 min
Response: 143549500
Conc: 43.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BS

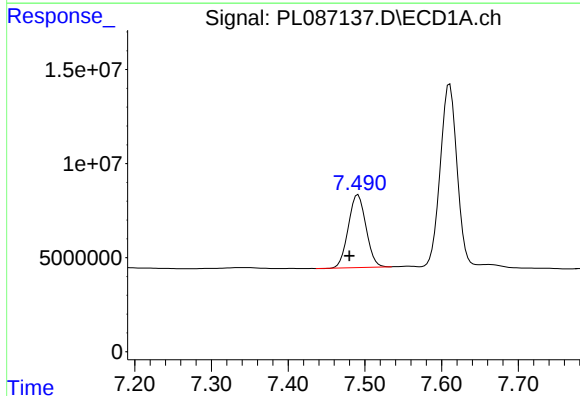
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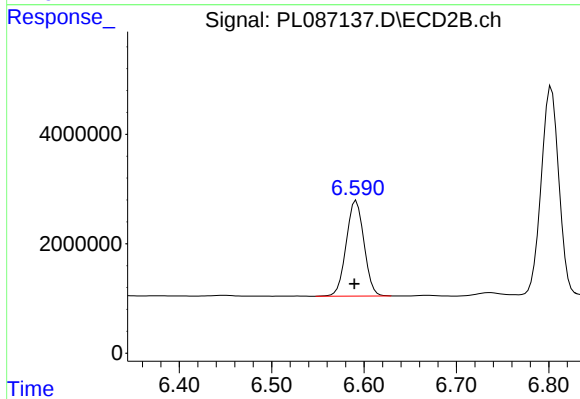
#19 Endosulfan Sulfate

R.T.: 6.296 min
Delta R.T.: 0.002 min
Response: 44084048
Conc: 47.18 ng/ml



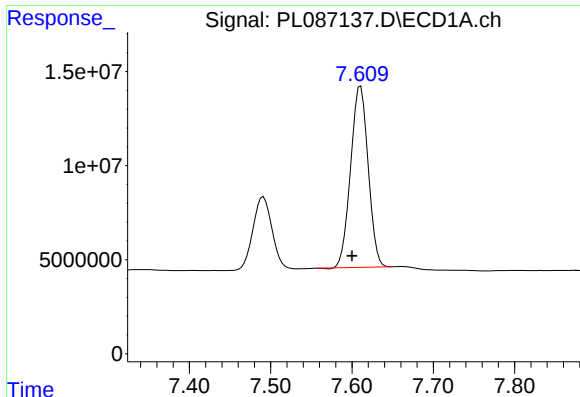
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.011 min
Response: 62275405
Conc: 42.58 ng/ml



#20 Methoxychlor

R.T.: 6.592 min
Delta R.T.: 0.002 min
Response: 23351963
Conc: 42.83 ng/ml



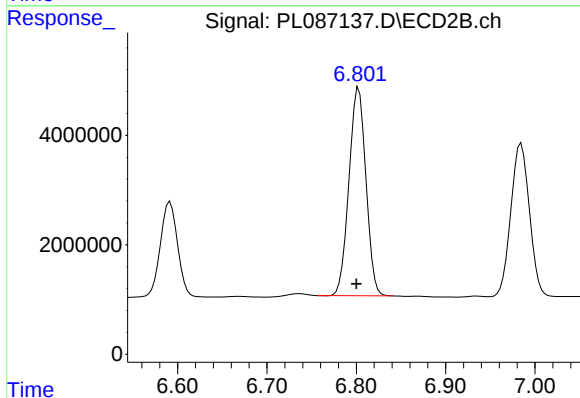
#21 Endrin ketone

R.T.: 7.611 min
Delta R.T.: 0.010 min
Response: 143944137
Conc: 44.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BS

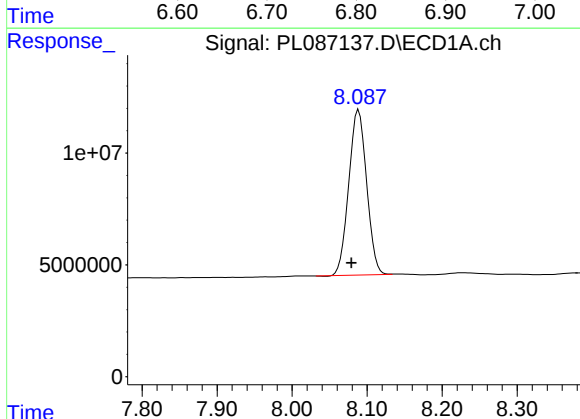
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/14/2023
Supervised By :Ankita Jodhani 12/14/2023



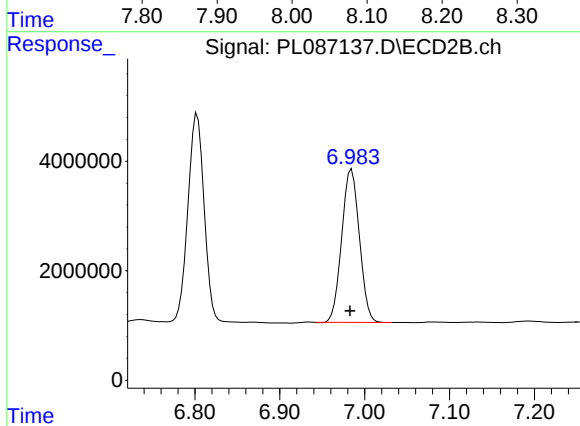
#21 Endrin ketone

R.T.: 6.803 min
Delta R.T.: 0.003 min
Response: 50194244
Conc: 46.70 ng/ml



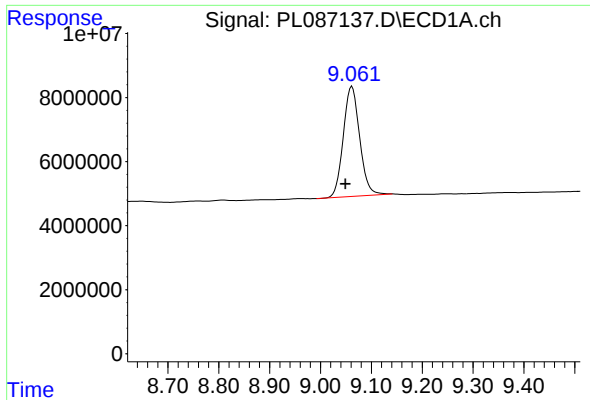
#22 Mirex

R.T.: 8.089 min
Delta R.T.: 0.010 min
Response: 122412579
Conc: 41.59 ng/ml



#22 Mirex

R.T.: 6.985 min
Delta R.T.: 0.002 min
Response: 40473204
Conc: 43.07 ng/ml



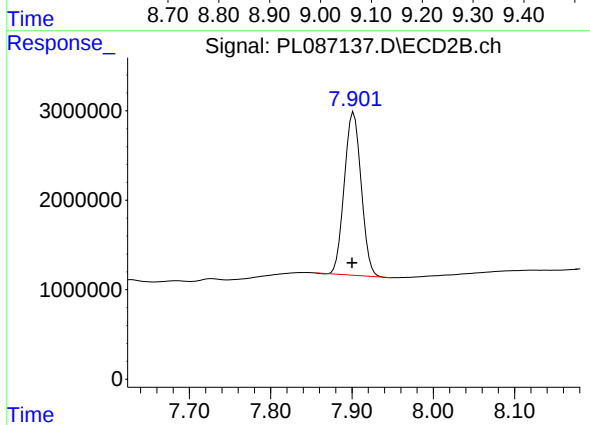
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.013 min
Response: 76906049
Conc: 25.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BS

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: 0.002 min
Response: 26109096
Conc: 25.49 ng/ml