

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022124\
 Data File : PL088200.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2024 23:30
 Operator : AR\AJ
 Sample : PB159191BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159191BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/22/2024
 Supervised By :Ankita Jodhani 02/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 00:31:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 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...	3.634	2.852	58245968	28216473	21.206	20.118m
28)	SA Decachlor...	9.297	8.084	45183841	27440004	23.461	21.551
Target Compounds							
2)	A alpha-BHC	4.099	3.369	205.1E6	101.4E6	49.133	49.355
3)	MA gamma-BHC...	4.437	3.705	193.5E6	95643285	47.788	47.761
4)	MA Heptachlor	5.037	4.053	192.2E6	93035390	49.955	51.069
5)	MB Aldrin	5.384	4.339	182.9E6	93192502	47.893	48.051
6)	B beta-BHC	4.634	4.007	87433065	42487008	50.202	47.734
7)	B delta-BHC	4.886	4.242	187.1E6	91483696	49.175	45.861
8)	B Heptachlo...	5.816	4.849	171.8E6	85259679	49.036	49.148
9)	A Endosulfan I	6.206	5.225	154.3E6	79265918	49.309	49.262
10)	B gamma-Chl...	6.074	5.104	170.0E6	89158405	50.012	49.982
11)	B alpha-Chl...	6.155	5.169	169.3E6	88202618	49.602	49.511
12)	B 4,4'-DDE	6.329	5.362	149.5E6	79919640	49.289	50.283
13)	MA Dieldrin	6.485	5.494	161.4E6	85761978	49.093	49.707
14)	MA Endrin	6.718	5.774	126.4E6	72114655	48.587	48.233
15)	B Endosulfa...	6.938	6.072	138.8E6	74897072	48.482	49.164
16)	A 4,4'-DDD	6.852	5.924	127.5E6	69273982	49.151	50.705
17)	MA 4,4'-DDT	7.170	6.179	119.3E6	64242742	45.375	47.056
18)	B Endrin al...	7.069	6.253	106.3E6	57485444	51.431	52.634
19)	B Endosulfa...	7.306	6.479	130.8E6	71367001	50.192	50.815
20)	A Methoxychlor	7.650	6.763	61771923	36115687	46.666	46.080
21)	B Endrin ke...	7.797	6.992	142.2E6	84634072	50.748	50.552
22)	Mirex	8.280	7.179	110.5E6	67127764	47.684	51.238

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022124\
Data File : PL088200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2024 23:30
Operator : AR\AJ
Sample : PB159191BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB159191BS

Manual Integrations

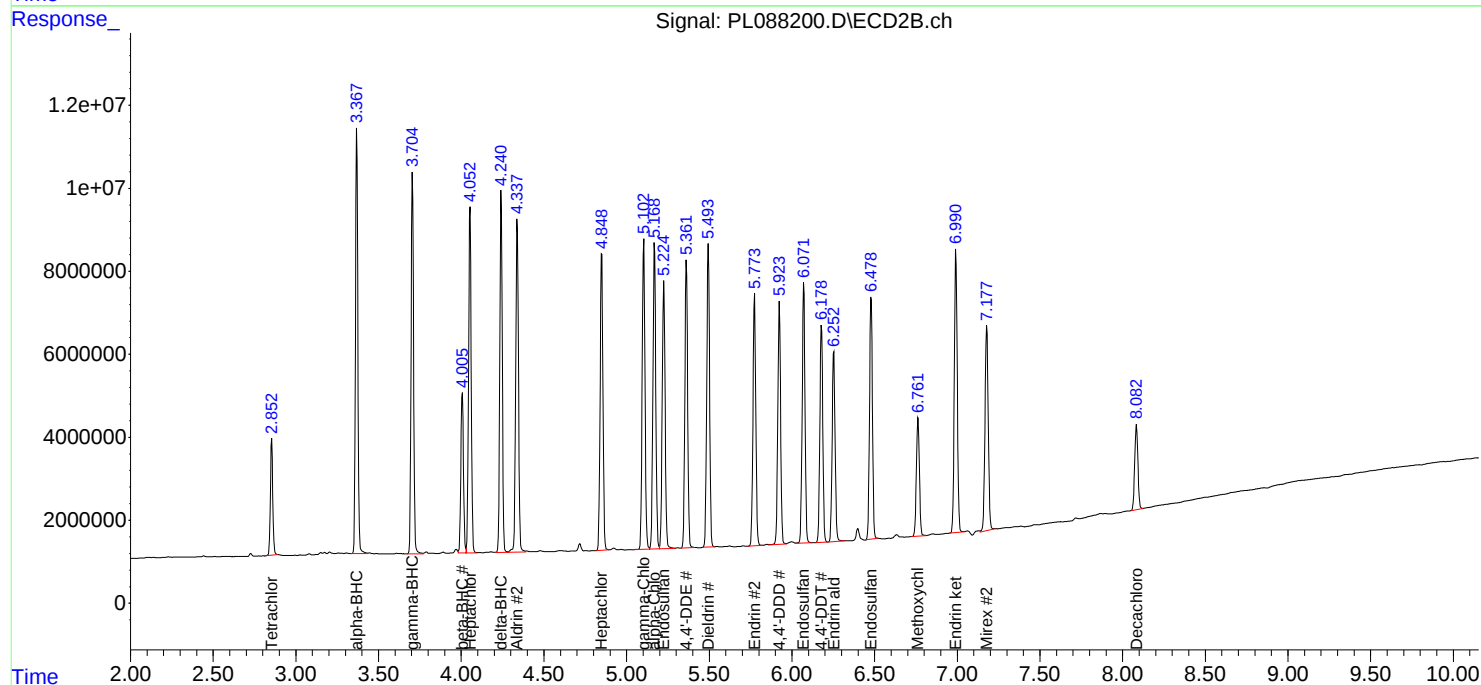
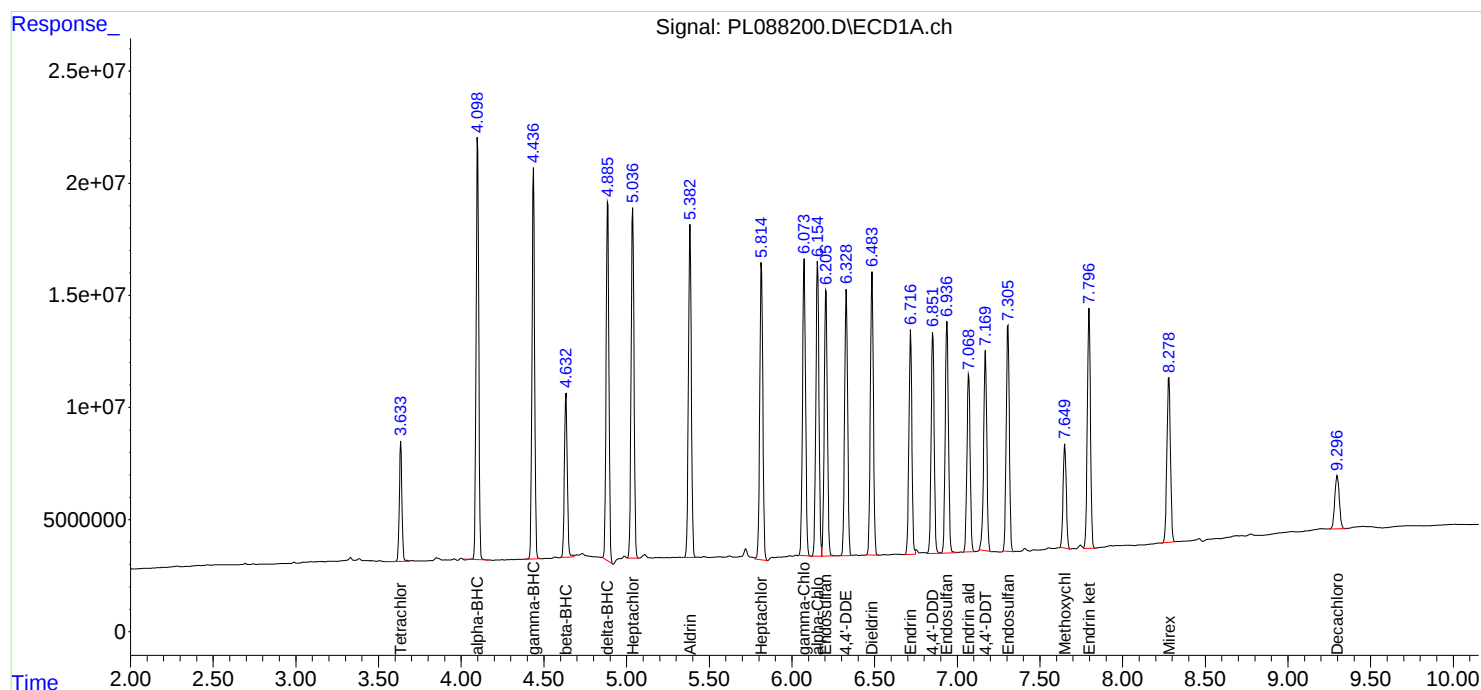
APPROVED

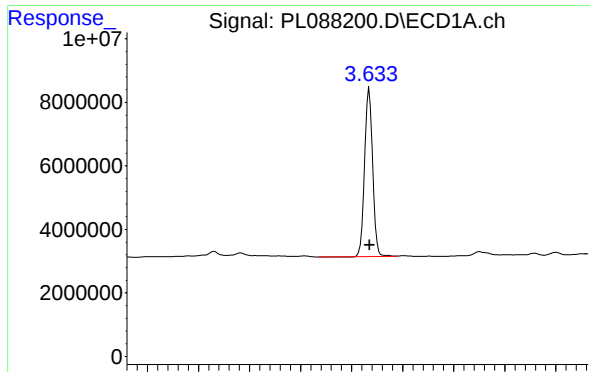
Reviewed By :Abdul Mirza 02/22/2024

Supervised By :Ankita Jodhani 02/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:31:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
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





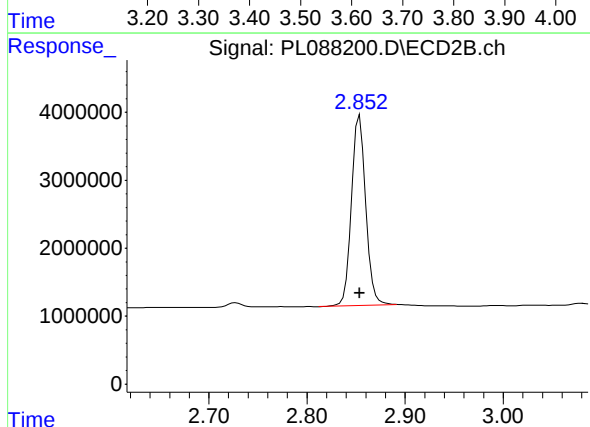
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 58245968
Conc: 21.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
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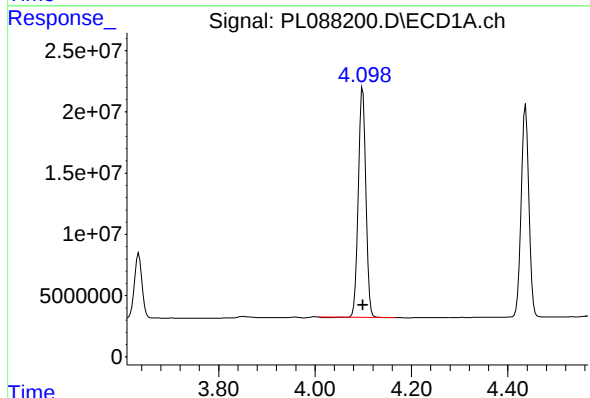
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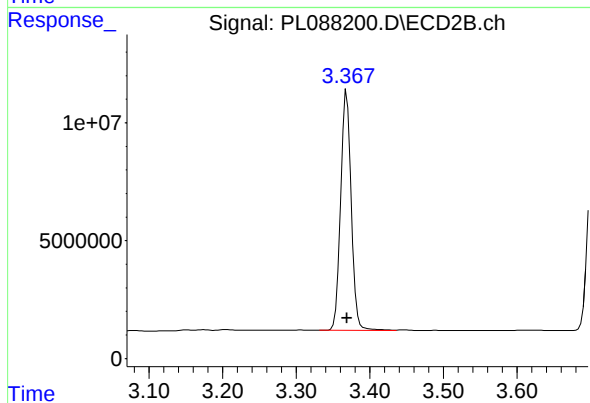
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: -0.002 min
Response: 28216473
Conc: 20.12 ng/ml



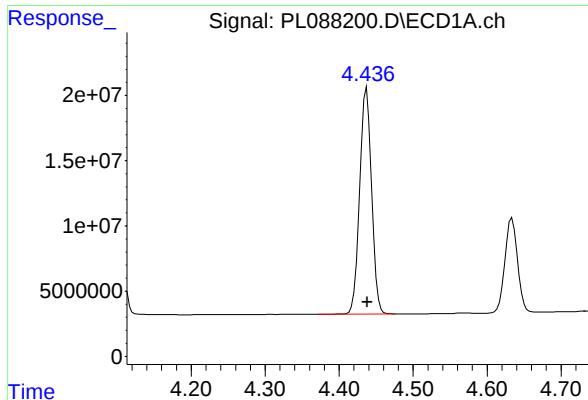
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 205093152
Conc: 49.13 ng/ml



#2 alpha-BHC

R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 101415487
Conc: 49.35 ng/ml



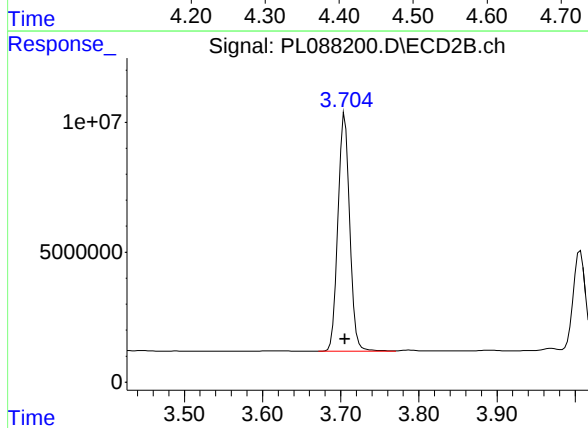
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 193518434
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159191BS

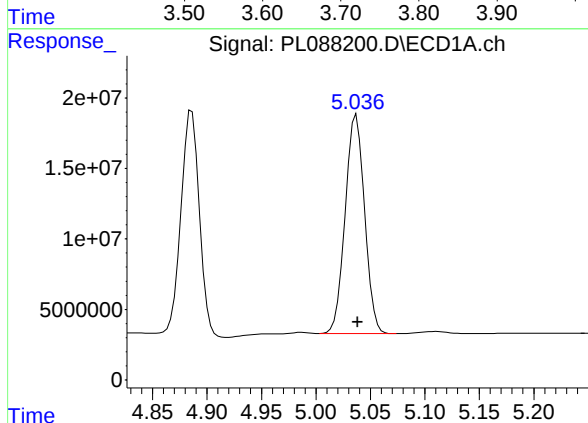
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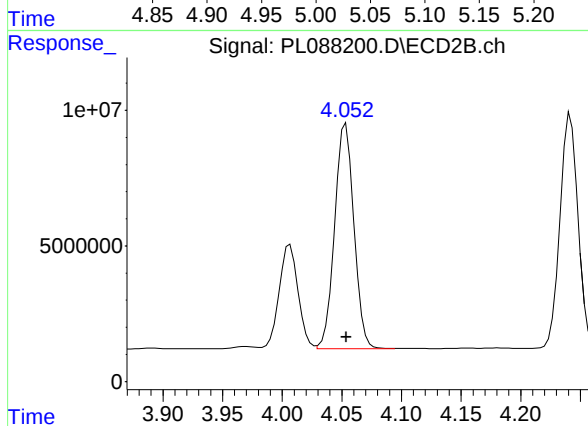
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 95643285
Conc: 47.76 ng/ml



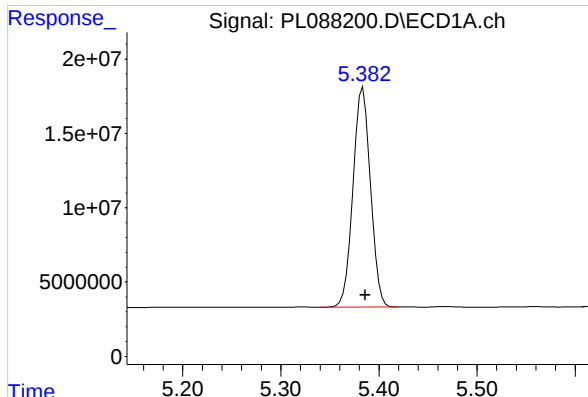
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 192241156
Conc: 49.96 ng/ml



#4 Heptachlor

R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 93035390
Conc: 51.07 ng/ml



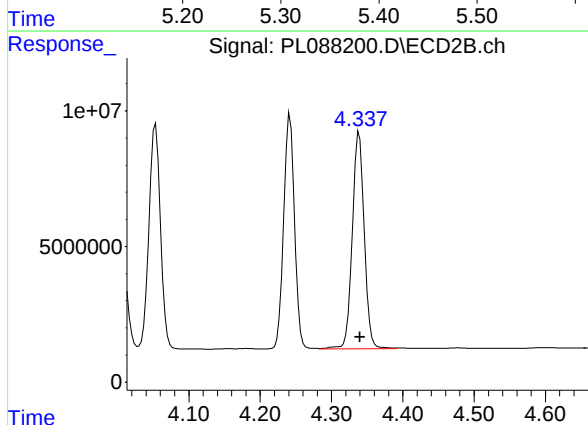
#5 Aldrin

R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 182870816
Conc: 47.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159191BS

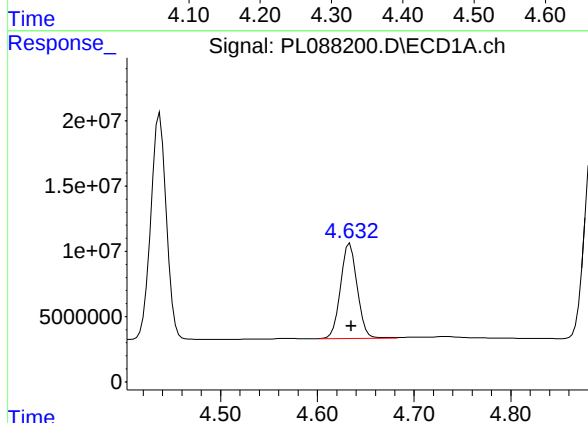
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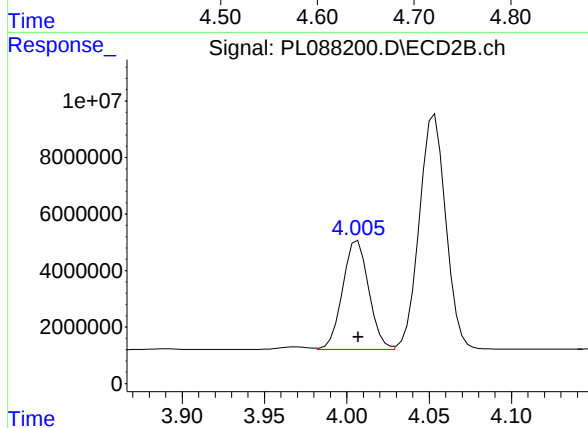
#5 Aldrin

R.T.: 4.339 min
Delta R.T.: -0.001 min
Response: 93192502
Conc: 48.05 ng/ml



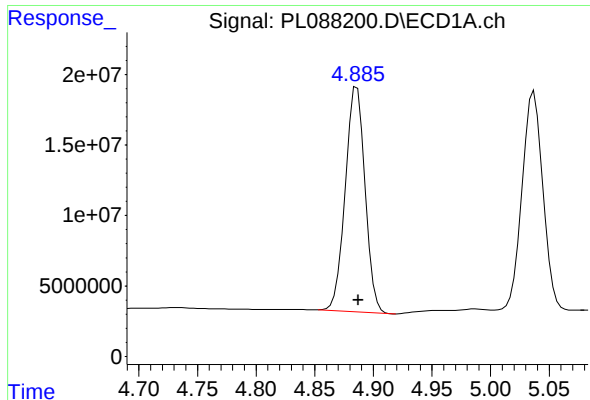
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 87433065
Conc: 50.20 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 42487008
Conc: 47.73 ng/ml



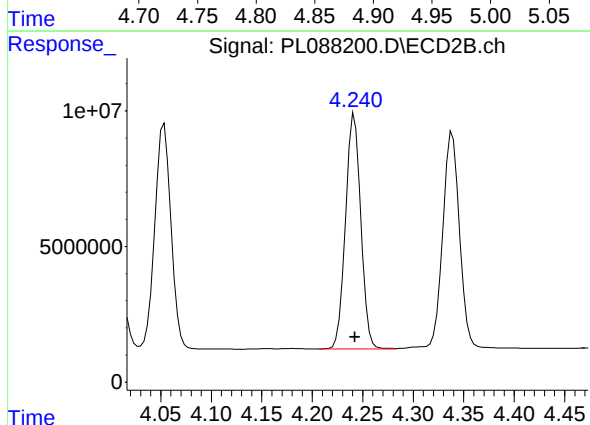
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: -0.001 min
Response: 187096313
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159191BS

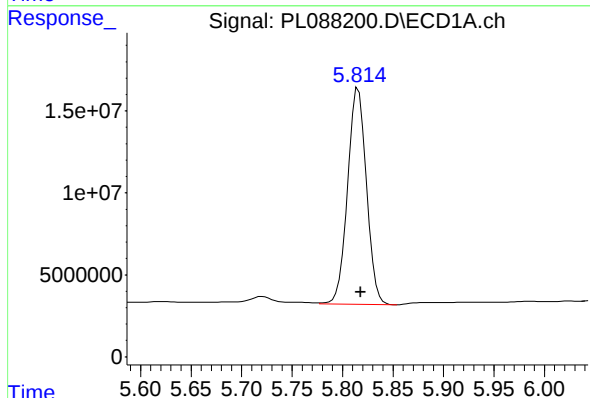
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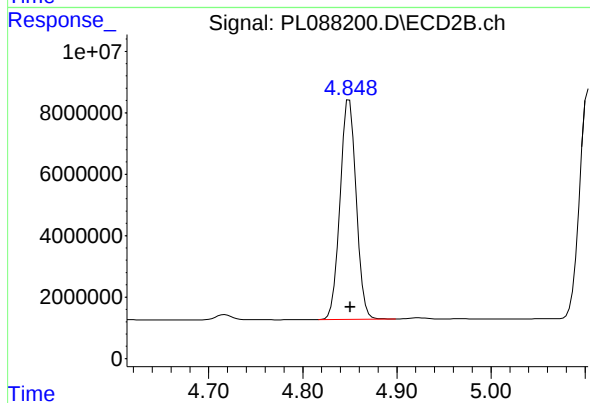
#7 delta-BHC

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 91483696
Conc: 45.86 ng/ml



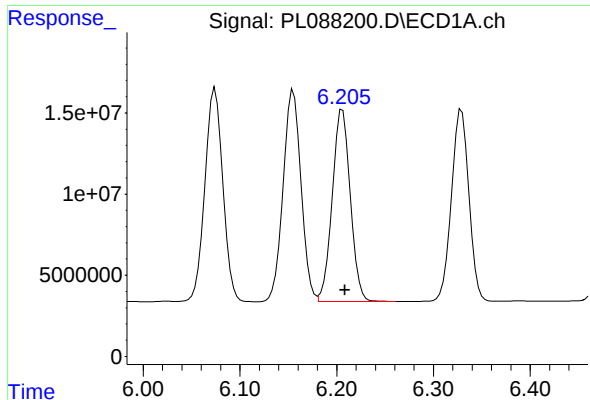
#8 Heptachlor epoxide

R.T.: 5.816 min
Delta R.T.: -0.002 min
Response: 171803186
Conc: 49.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: -0.001 min
Response: 85259679
Conc: 49.15 ng/ml



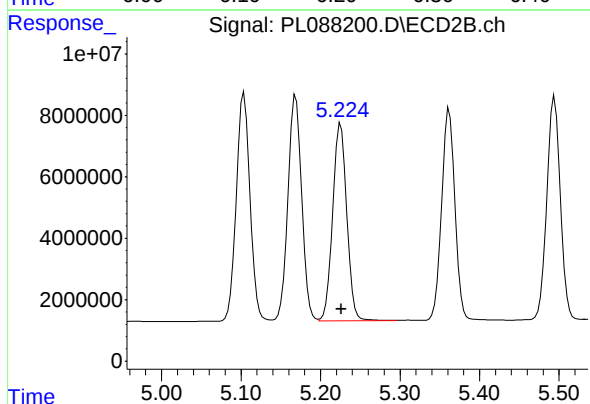
#9 Endosulfan I

R.T.: 6.206 min
Delta R.T.: -0.003 min
Response: 154330622
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159191BS

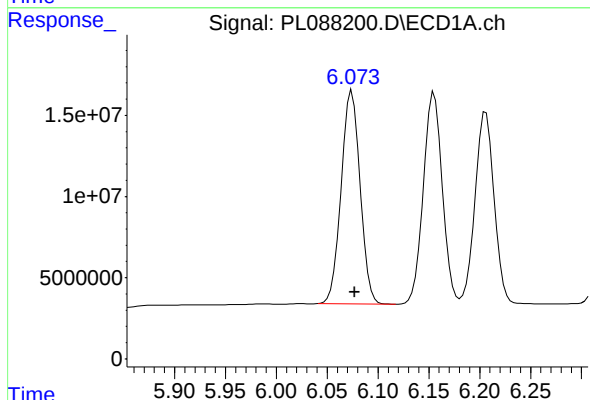
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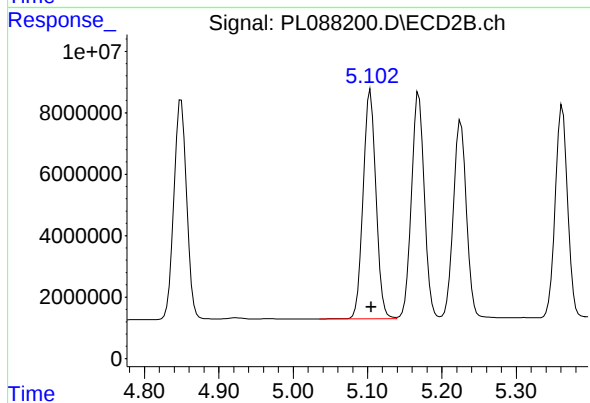
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 79265918
Conc: 49.26 ng/ml



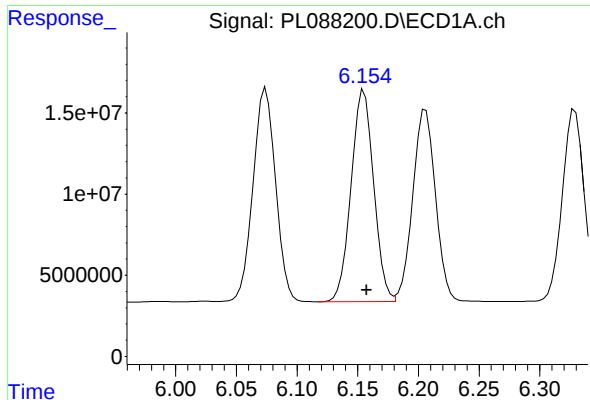
#10 gamma-Chlordane

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 169958373
Conc: 50.01 ng/ml



#10 gamma-Chlordane

R.T.: 5.104 min
Delta R.T.: -0.001 min
Response: 89158405
Conc: 49.98 ng/ml



#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 169279698
Conc: 49.60 ng/ml

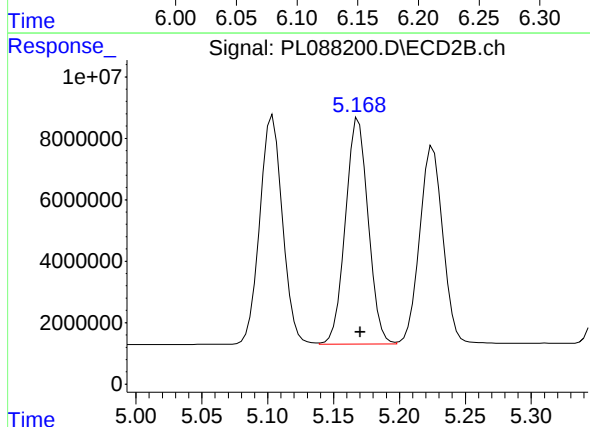
Instrument :

ECD_L

ClientSampleId :
PB159191BS

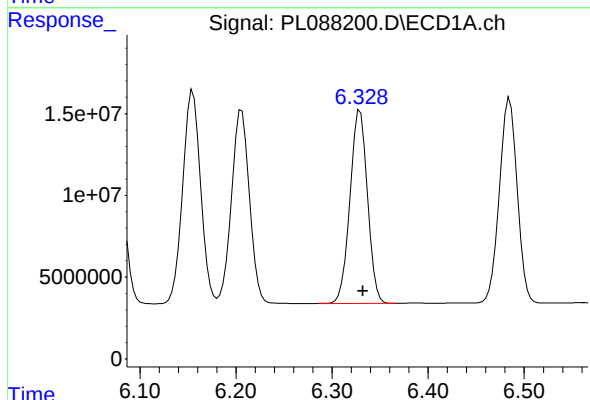
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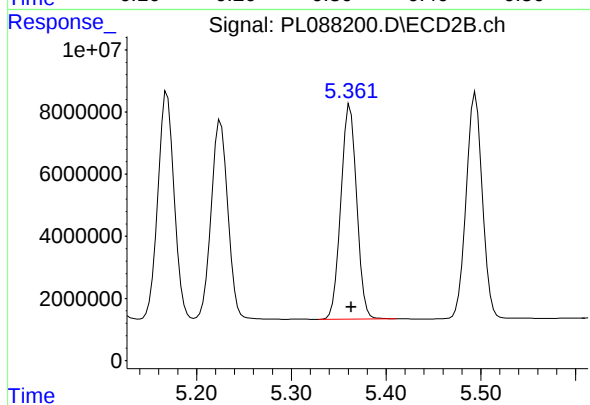
#11 alpha-Chlordane

R.T.: 5.169 min
Delta R.T.: -0.001 min
Response: 88202618
Conc: 49.51 ng/ml



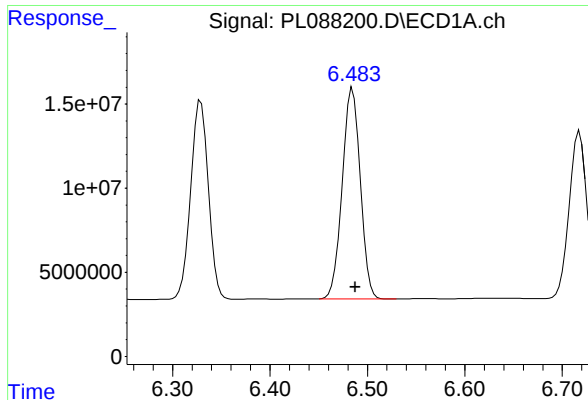
#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 149486646
Conc: 49.29 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 79919640
Conc: 50.28 ng/ml



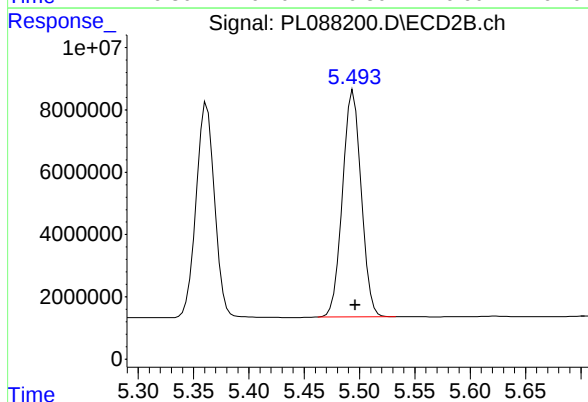
#13 Dieldrin

R.T.: 6.485 min
Delta R.T.: -0.003 min
Response: 161424427
Conc: 49.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159191BS

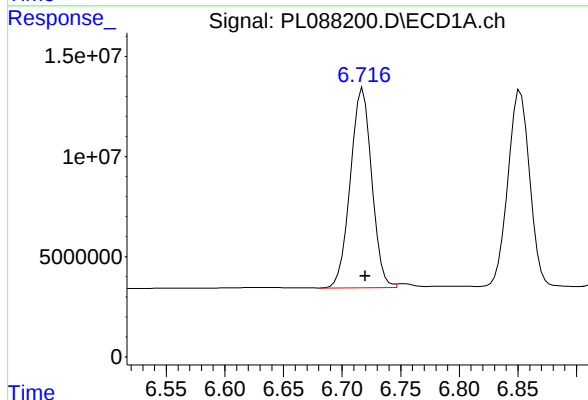
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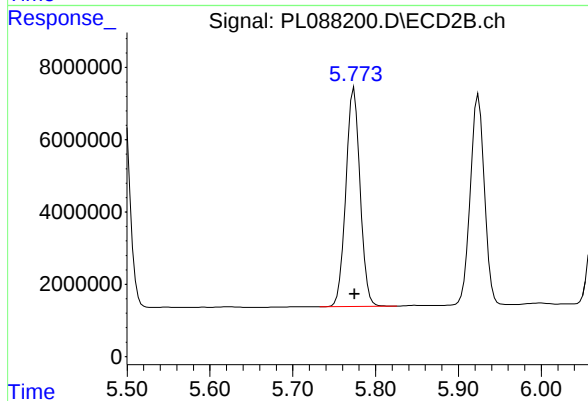
#13 Dieldrin

R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 85761978
Conc: 49.71 ng/ml



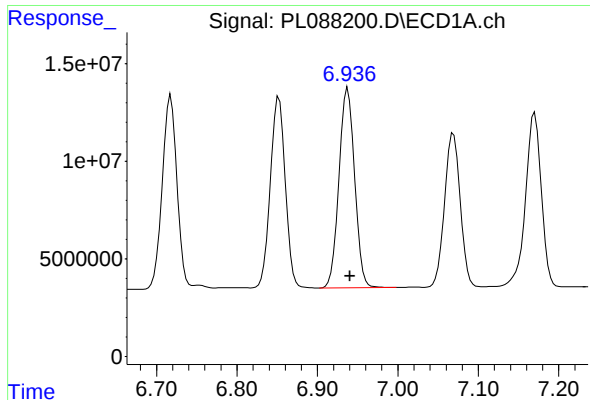
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 126355619
Conc: 48.59 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 72114655
Conc: 48.23 ng/ml



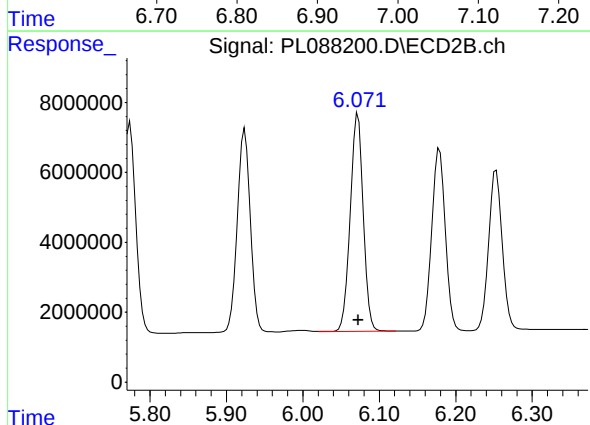
#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 138846788
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159191BS

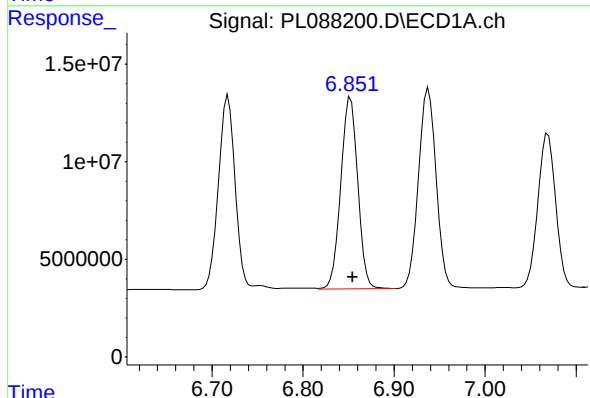
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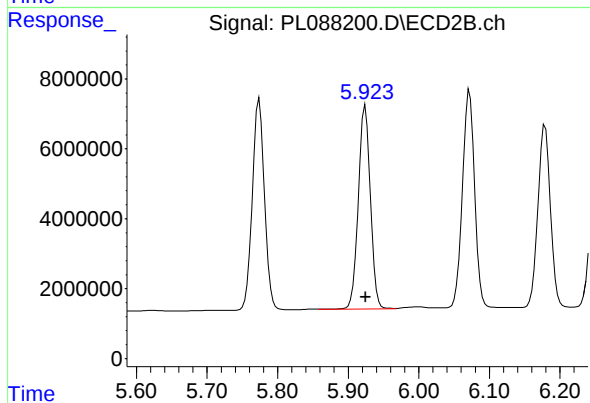
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 74897072
Conc: 49.16 ng/ml



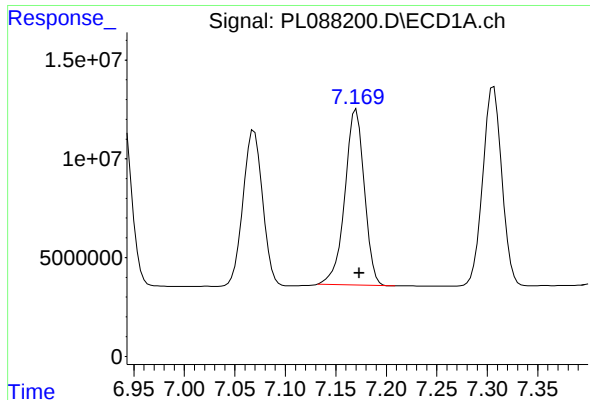
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 127482391
Conc: 49.15 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 69273982
Conc: 50.70 ng/ml



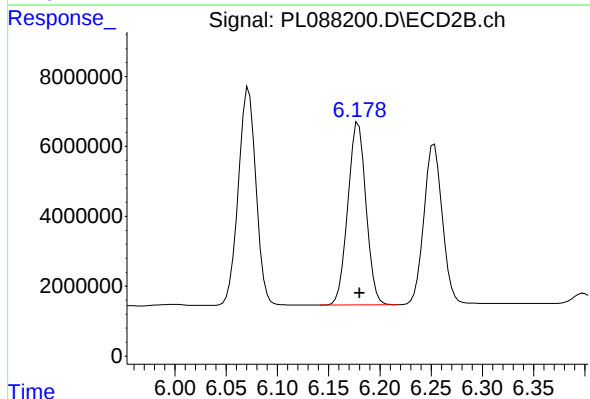
#17 4,4'-DDT

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 119299596
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159191BS

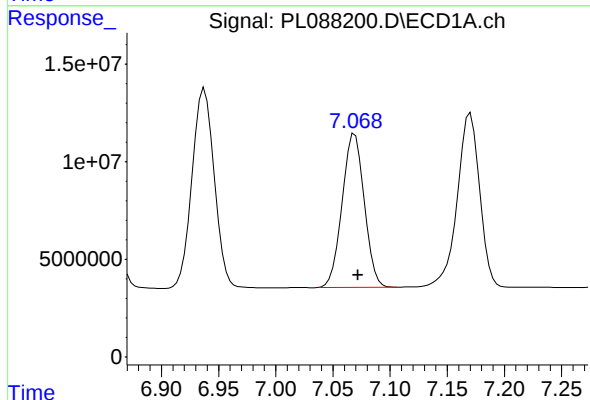
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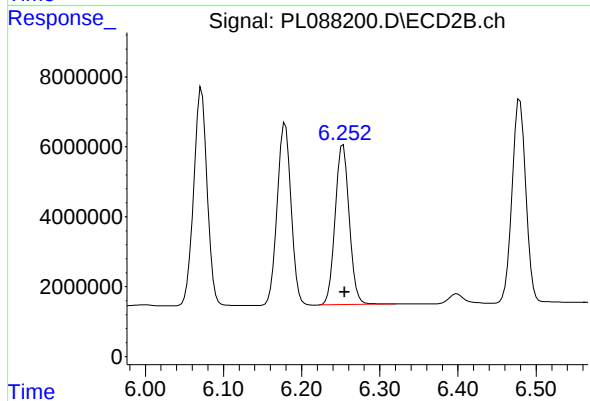
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 64242742
Conc: 47.06 ng/ml



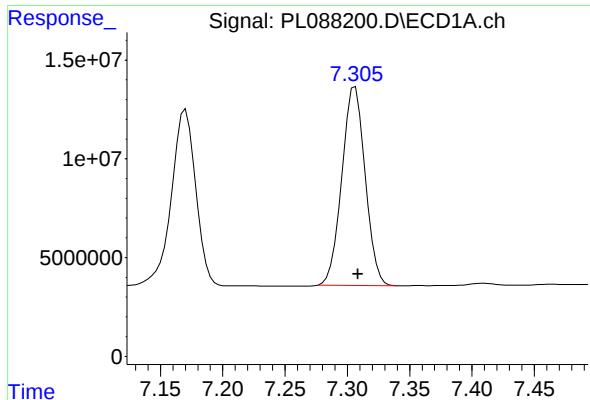
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.003 min
Response: 106341707
Conc: 51.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 57485444
Conc: 52.63 ng/ml



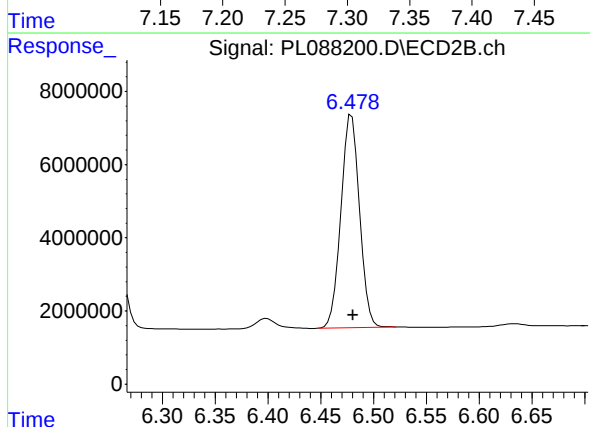
#19 Endosulfan Sulfate

R.T.: 7.306 min
Delta R.T.: -0.002 min
Response: 130757392
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159191BS

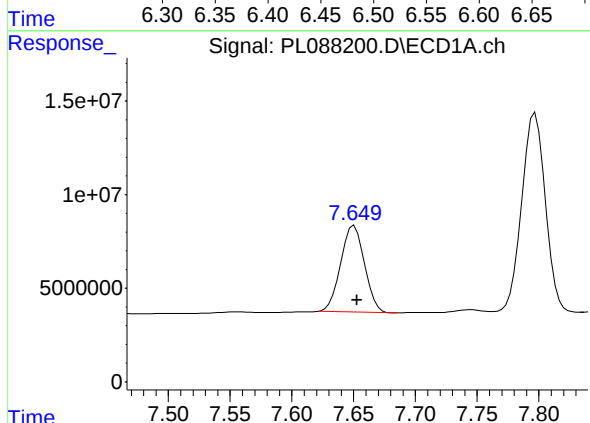
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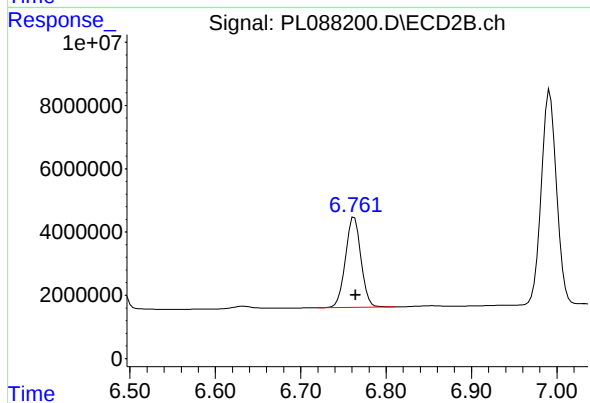
#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: -0.001 min
Response: 71367001
Conc: 50.82 ng/ml



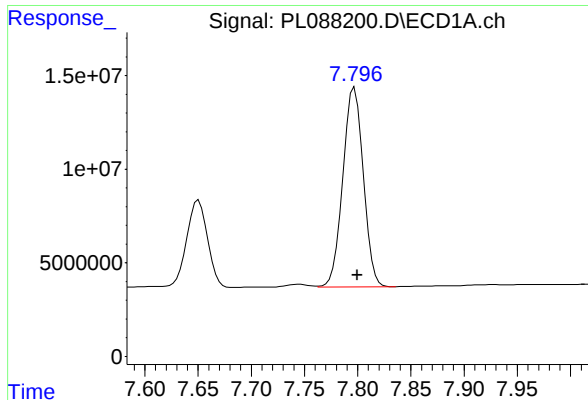
#20 Methoxychlor

R.T.: 7.650 min
Delta R.T.: -0.002 min
Response: 61771923
Conc: 46.67 ng/ml



#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: -0.001 min
Response: 36115687
Conc: 46.08 ng/ml



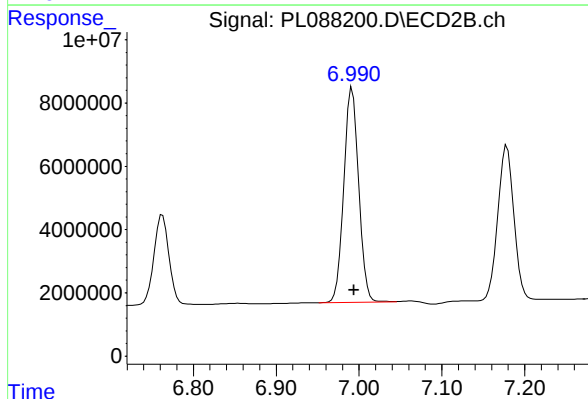
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 142153635
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159191BS

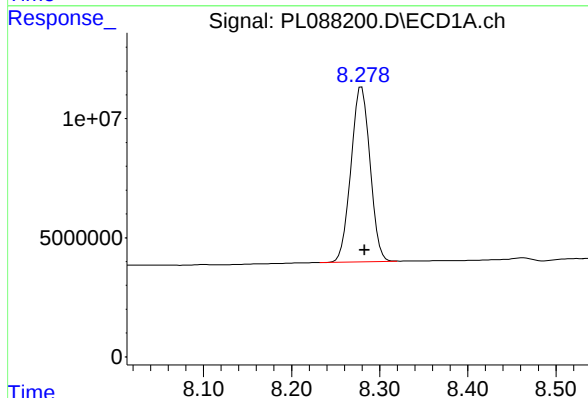
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/22/2024
Supervised By :Ankita Jodhani 02/22/2024



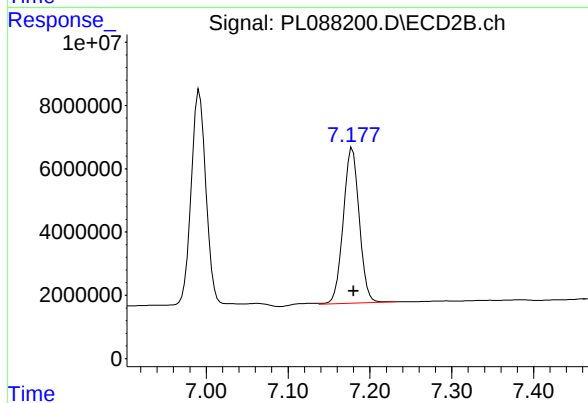
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.002 min
Response: 84634072
Conc: 50.55 ng/ml



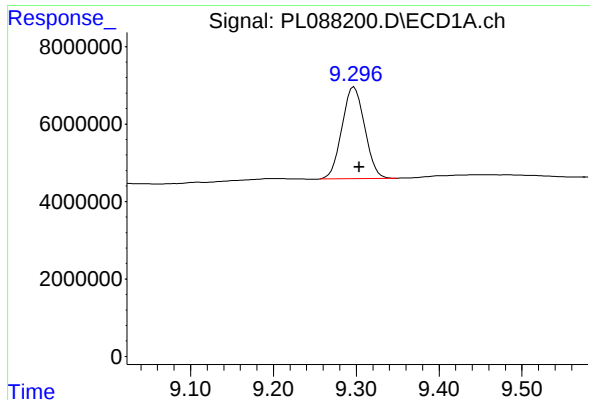
#22 Mirex

R.T.: 8.280 min
Delta R.T.: -0.003 min
Response: 110493177
Conc: 47.68 ng/ml



#22 Mirex

R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 67127764
Conc: 51.24 ng/ml



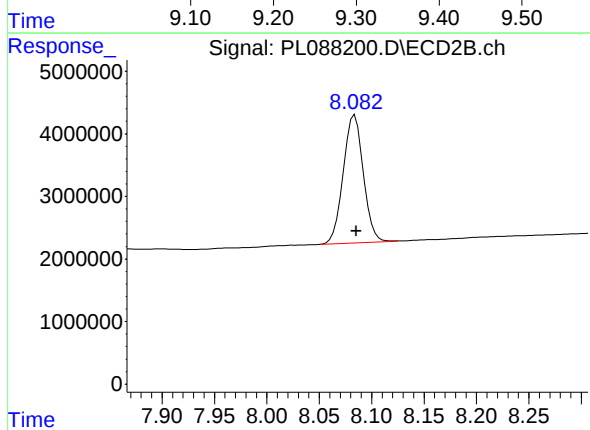
#28 Decachlorobiphenyl

R.T.: 9.297 min
Delta R.T.: -0.006 min
Response: 45183841
Conc: 23.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159191BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.001 min
Response: 27440004
Conc: 21.55 ng/ml