

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041023\
 Data File : PL081955.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2023 16:08
 Operator : AR\AJ
 Sample : PB151994BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151994BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/11/2023
 Supervised By : Ankita Jodhani 04/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 22:50:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.329	2.651	48077658	43100868	20.671	21.592
2)	SA Decachlor...	8.747	7.766	41161777	47173264	23.000	23.786m
Target Compounds							
2)	A alpha-BHC	3.778	3.150	157.6E6	136.5E6	45.956	46.815
3)	MA gamma-BHC...	4.107	3.477	146.0E6	126.4E6	45.967	45.385
4)	MA Heptachlor	4.686	3.811	139.9E6	132.9E6	44.368	46.373
5)	MB Aldrin	5.022	4.088	134.4E6	124.2E6	46.977	46.620
6)	B beta-BHC	4.309	3.777	62615869	51188447	41.603	42.980
7)	B delta-BHC	4.550	4.004	140.5E6	120.8E6	46.245	46.698
8)	B Heptachlo...	5.447	4.589	120.6E6	114.2E6	44.330	47.010
9)	A Endosulfan I	5.828	4.957	110.9E6	104.9E6	44.882	47.517
10)	B gamma-Chl...	5.702	4.838	121.5E6	113.8E6	46.274	46.831
11)	B alpha-Chl...	5.780	4.902	120.2E6	113.7E6	46.445	46.803
12)	B 4,4'-DDE	5.958	5.093	104.3E6	89782039	46.288	45.579
13)	MA Dieldrin	6.103	5.222	116.1E6	109.9E6	47.944	48.855
14)	MA Endrin	6.330	5.496	102.0E6	100.8E6	48.222	49.825
15)	B Endosulfa...	6.551	5.791	99786055	94741466	47.022	52.227m
16)	A 4,4'-DDD	6.473	5.647	82678172	69538715	45.844	45.823
17)	MA 4,4'-DDT	6.785	5.896	92727136	83119154	45.687	48.233
18)	B Endrin al...	6.681	5.973	82907262	79967117	50.673	51.493
19)	B Endosulfa...	6.915	6.193	99557795	93882417	47.772	48.251m
20)	A Methoxychlor	7.265	6.474	52275035	49263709	48.542	49.460m
21)	B Endrin ke...	7.395	6.700	100.8E6	103.0E6	48.107	48.190
22)	Mirex	7.860	6.870	79905698	94882986	46.639	49.425m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041023\
Data File : PL081955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2023 16:08
Operator : AR\AJ
Sample : PB151994BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB151994BS

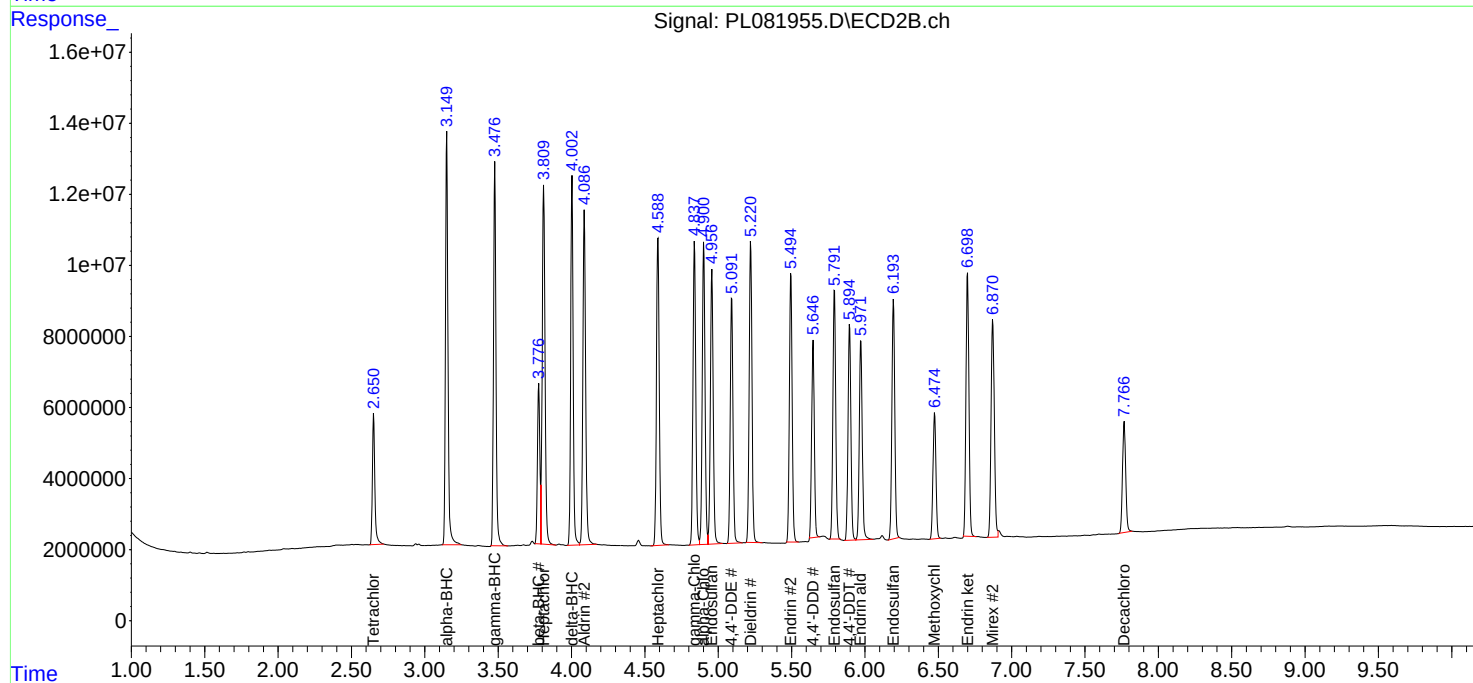
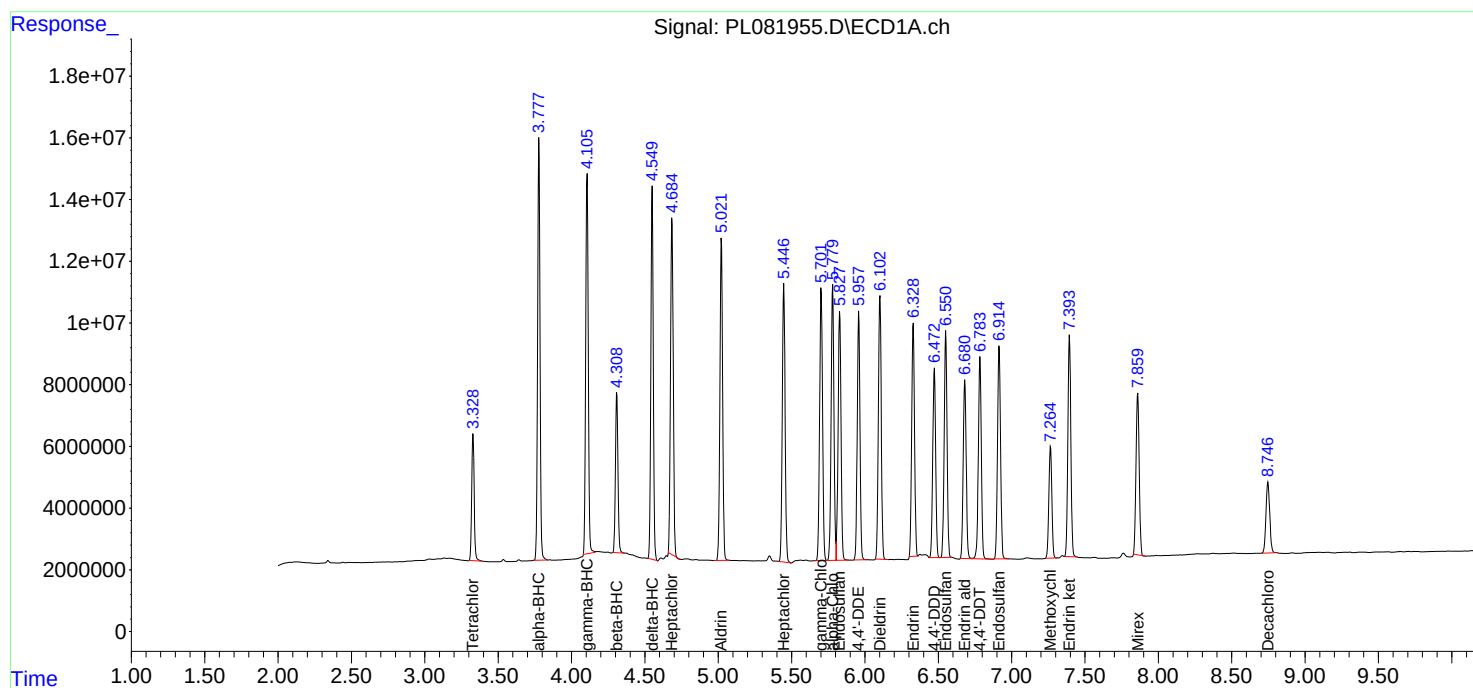
Manual Integrations

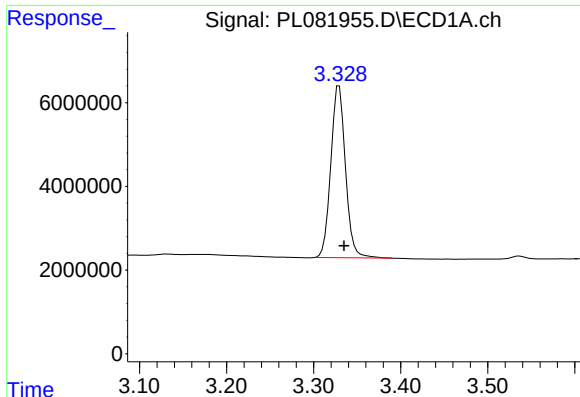
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Reviewed By :Abdul Mirza 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 22:50:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





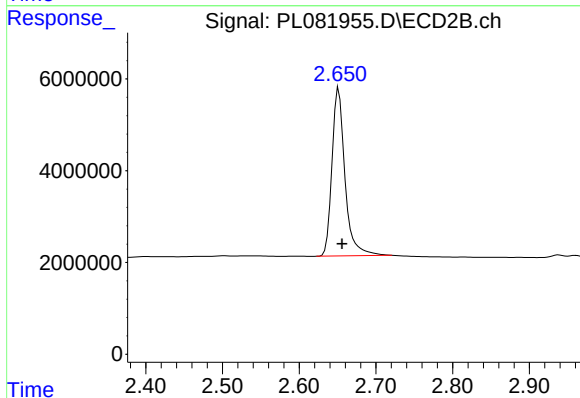
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 48077658
Conc: 20.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151994BS

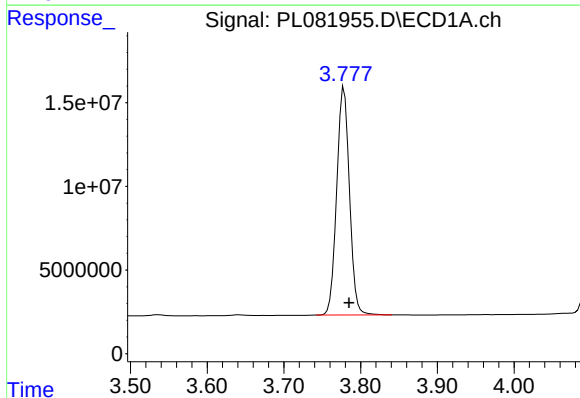
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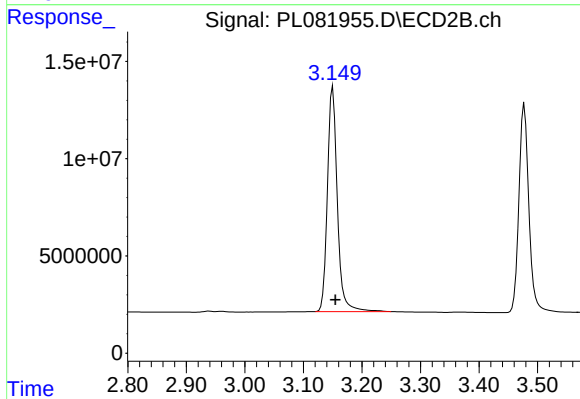
#1 Tetrachloro-m-xylene

R.T.: 2.651 min
Delta R.T.: -0.005 min
Response: 43100868
Conc: 21.59 ng/ml



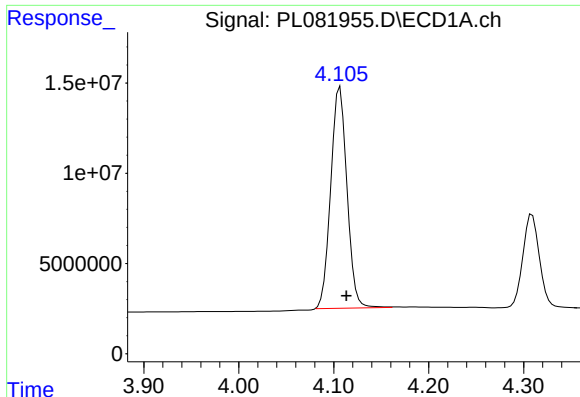
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.006 min
Response: 157554915
Conc: 45.96 ng/ml



#2 alpha-BHC

R.T.: 3.150 min
Delta R.T.: -0.004 min
Response: 136465198
Conc: 46.81 ng/ml



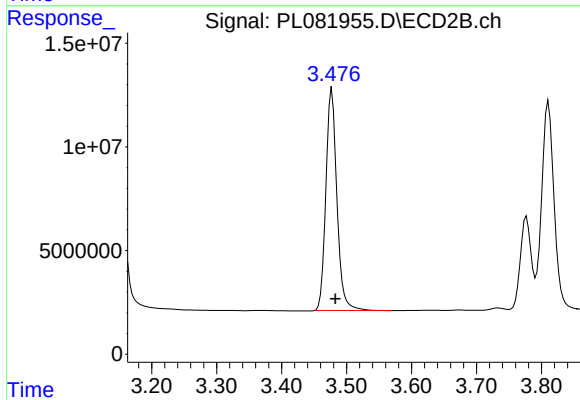
#3 gamma-BHC (Lindane)

R.T.: 4.107 min
Delta R.T.: -0.007 min
Response: 146029077
Conc: 45.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151994BS

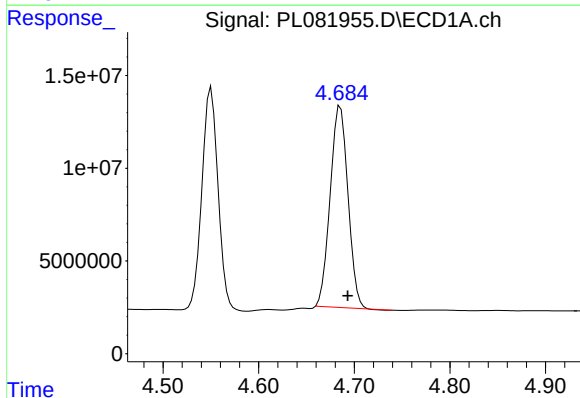
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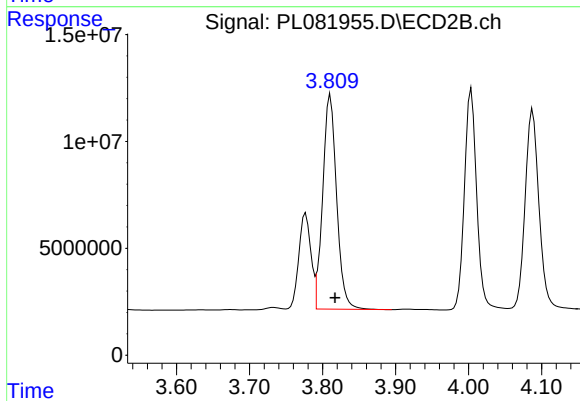
#3 gamma-BHC (Lindane)

R.T.: 3.477 min
Delta R.T.: -0.006 min
Response: 126362869
Conc: 45.39 ng/ml



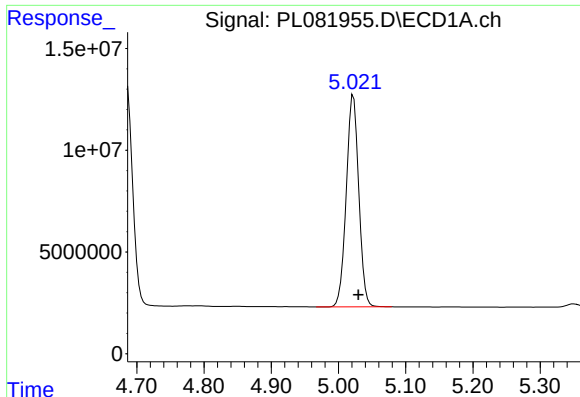
#4 Heptachlor

R.T.: 4.686 min
Delta R.T.: -0.008 min
Response: 139855576
Conc: 44.37 ng/ml



#4 Heptachlor

R.T.: 3.811 min
Delta R.T.: -0.006 min
Response: 132948727
Conc: 46.37 ng/ml



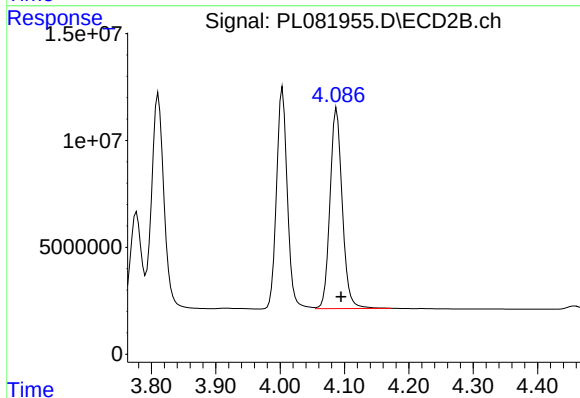
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: -0.008 min
Response: 134368622
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151994BS

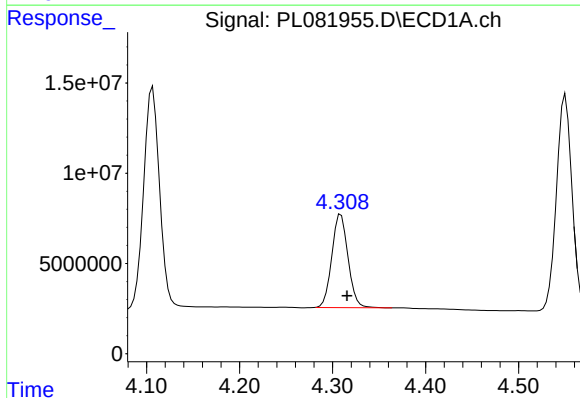
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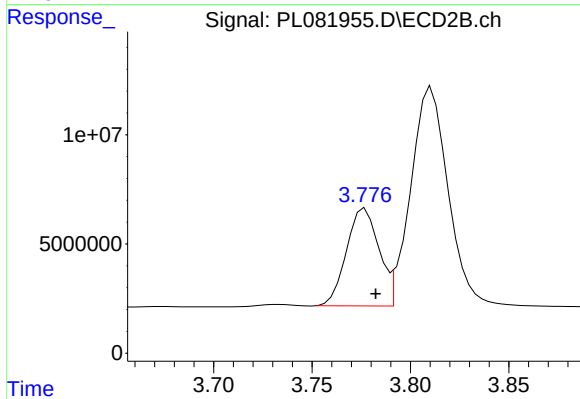
#5 Aldrin

R.T.: 4.088 min
Delta R.T.: -0.007 min
Response: 124217203
Conc: 46.62 ng/ml



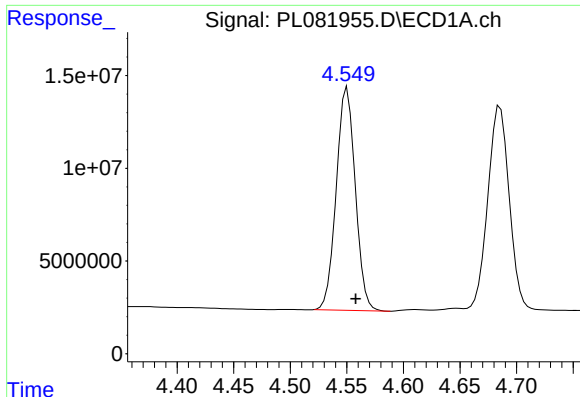
#6 beta-BHC

R.T.: 4.309 min
Delta R.T.: -0.007 min
Response: 62615869
Conc: 41.60 ng/ml



#6 beta-BHC

R.T.: 3.777 min
Delta R.T.: -0.005 min
Response: 51188447
Conc: 42.98 ng/ml



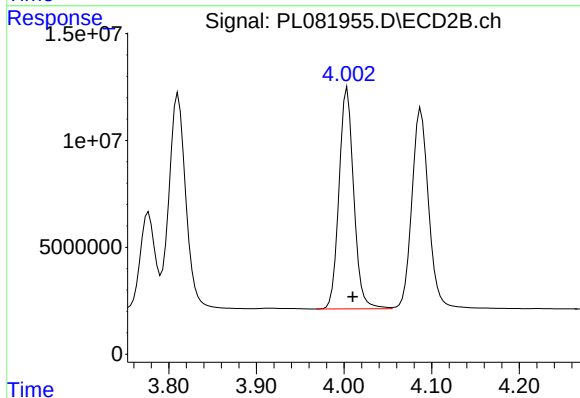
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: -0.007 min
Response: 140547720
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151994BS

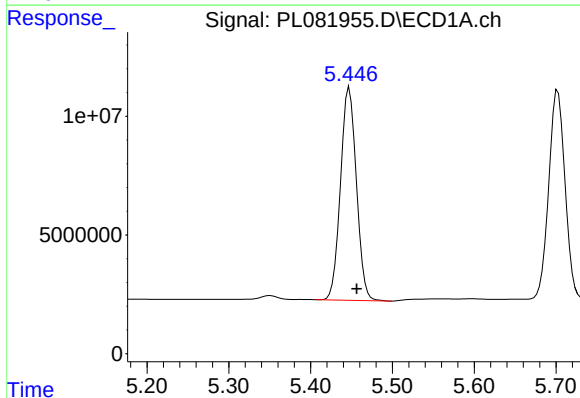
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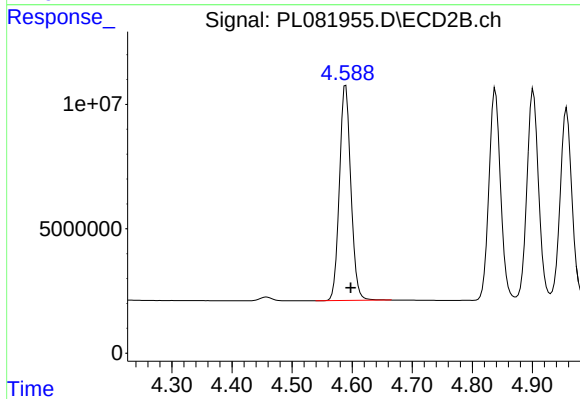
#7 delta-BHC

R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 120764962
Conc: 46.70 ng/ml



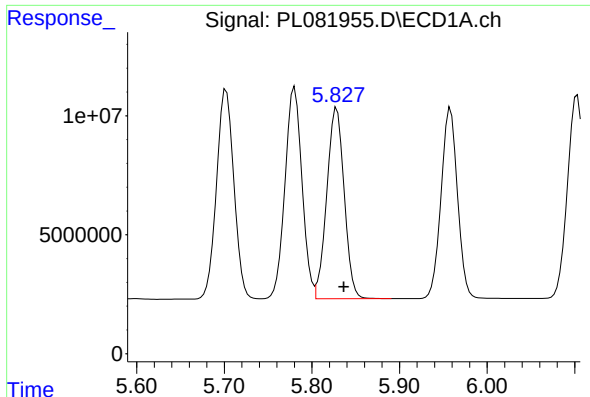
#8 Heptachlor epoxide

R.T.: 5.447 min
Delta R.T.: -0.009 min
Response: 120578410
Conc: 44.33 ng/ml



#8 Heptachlor epoxide

R.T.: 4.589 min
Delta R.T.: -0.008 min
Response: 114174470
Conc: 47.01 ng/ml



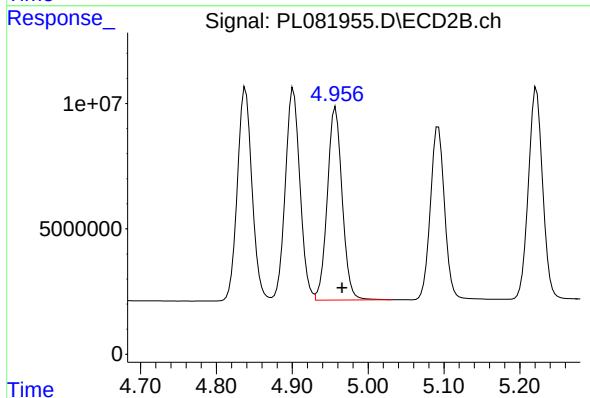
#9 Endosulfan I

R.T.: 5.828 min
Delta R.T.: -0.008 min
Response: 110896358
Conc: 44.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151994BS

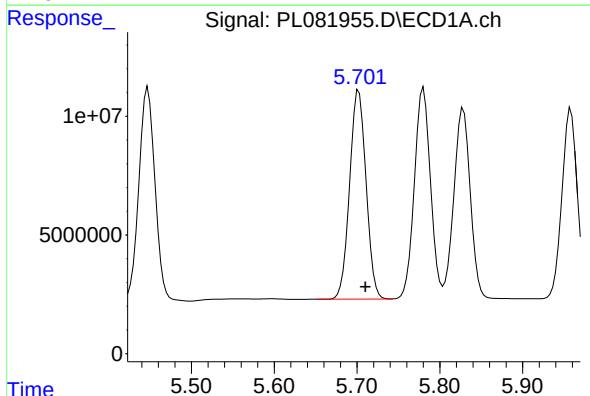
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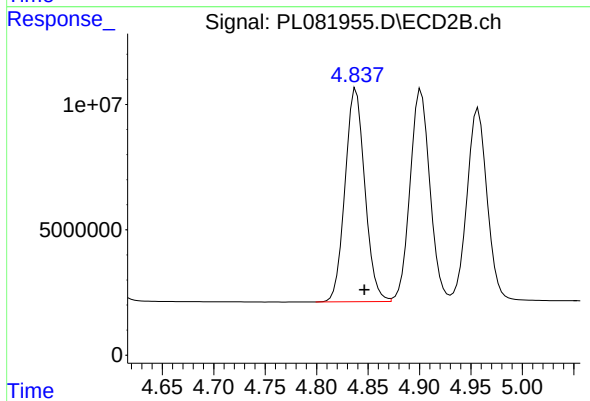
#9 Endosulfan I

R.T.: 4.957 min
Delta R.T.: -0.008 min
Response: 104905186
Conc: 47.52 ng/ml



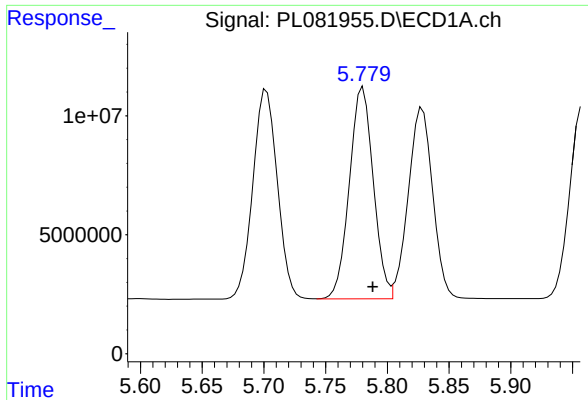
#10 gamma-Chlordane

R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 121479245
Conc: 46.27 ng/ml



#10 gamma-Chlordane

R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 113816512
Conc: 46.83 ng/ml



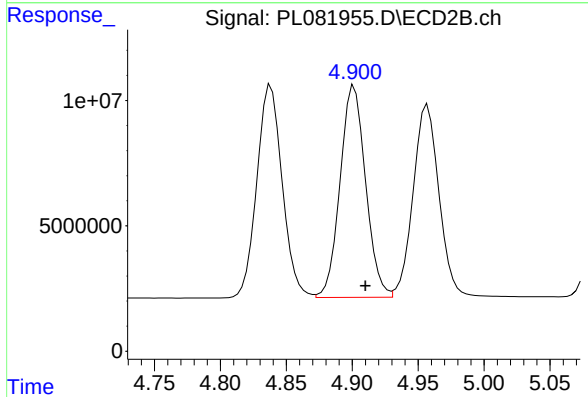
#11 alpha-Chlordane

R.T.: 5.780 min
Delta R.T.: -0.008 min
Response: 120218886
Conc: 46.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151994BS

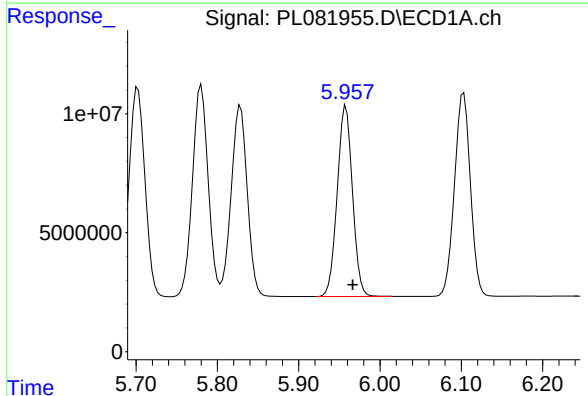
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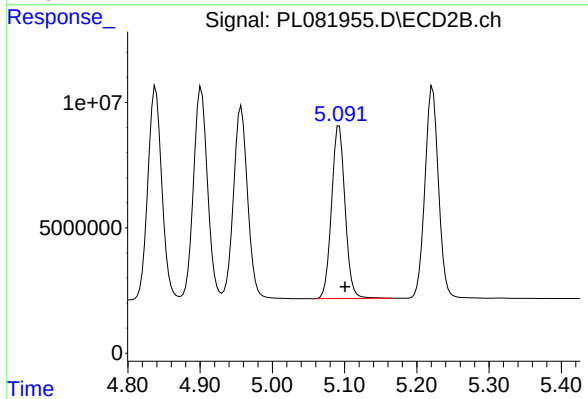
#11 alpha-Chlordane

R.T.: 4.902 min
Delta R.T.: -0.008 min
Response: 113682343
Conc: 46.80 ng/ml



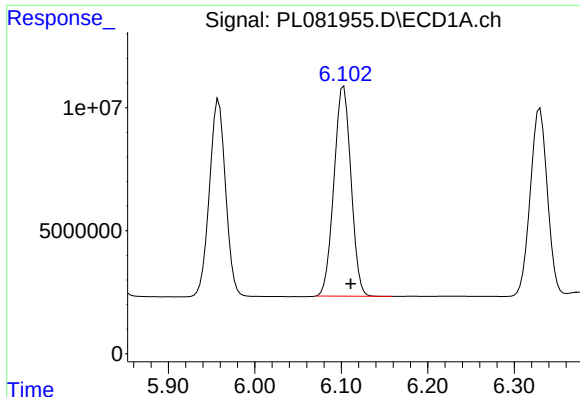
#12 4,4'-DDE

R.T.: 5.958 min
Delta R.T.: -0.008 min
Response: 104315535
Conc: 46.29 ng/ml



#12 4,4'-DDE

R.T.: 5.093 min
Delta R.T.: -0.008 min
Response: 89782039
Conc: 45.58 ng/ml



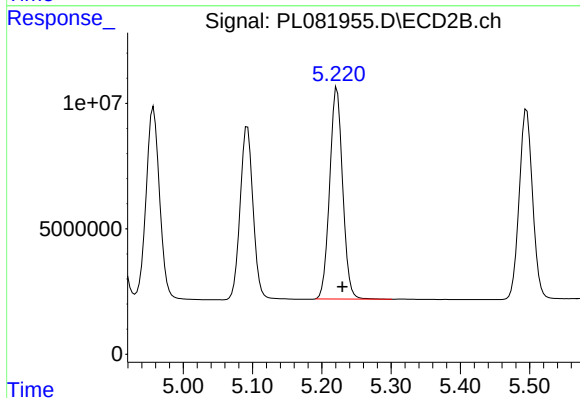
#13 Dieldrin

R.T.: 6.103 min
Delta R.T.: -0.008 min
Response: 116070503
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151994BS

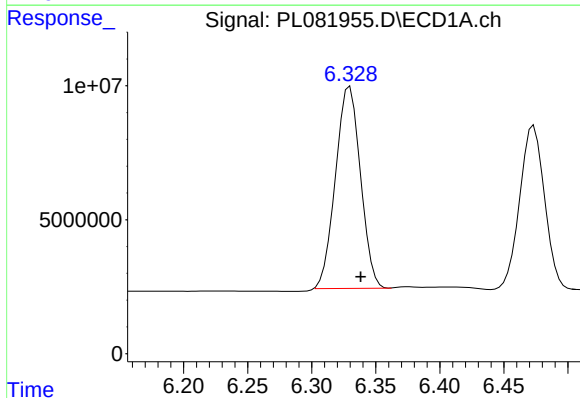
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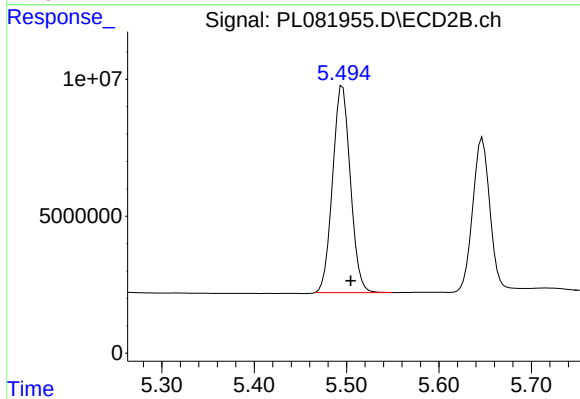
#13 Dieldrin

R.T.: 5.222 min
Delta R.T.: -0.008 min
Response: 109895157
Conc: 48.85 ng/ml



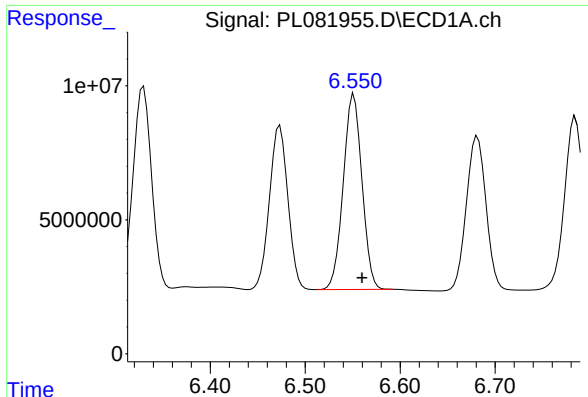
#14 Endrin

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 102000289
Conc: 48.22 ng/ml



#14 Endrin

R.T.: 5.496 min
Delta R.T.: -0.009 min
Response: 100831094
Conc: 49.82 ng/ml



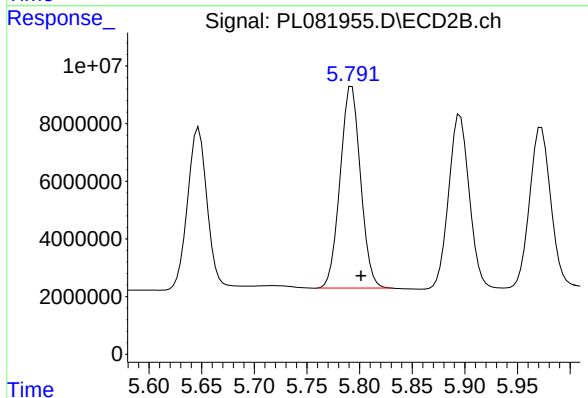
#15 Endosulfan II

R.T.: 6.551 min
Delta R.T.: -0.009 min
Response: 99786055
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151994BS

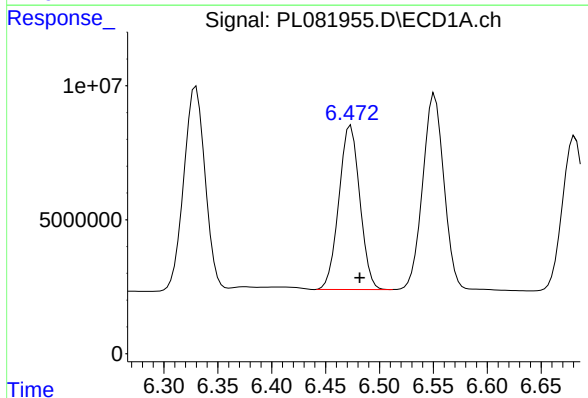
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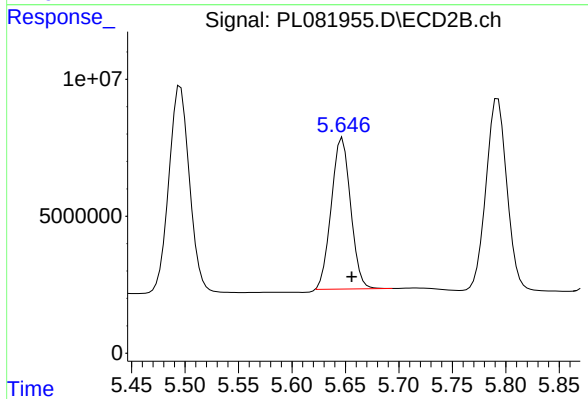
#15 Endosulfan II

R.T.: 5.791 min
Delta R.T.: -0.010 min
Response: 94741466
Conc: 52.23 ng/ml m



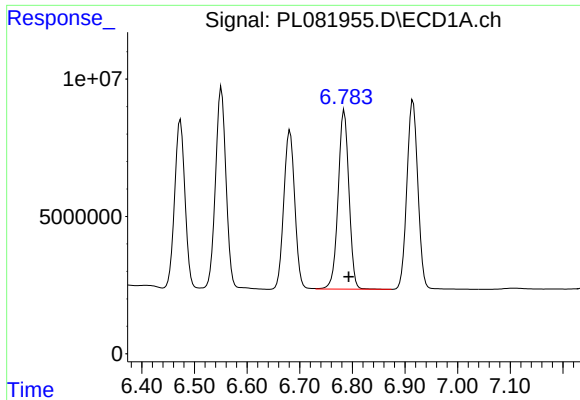
#16 4,4'-DDD

R.T.: 6.473 min
Delta R.T.: -0.008 min
Response: 82678172
Conc: 45.84 ng/ml



#16 4,4'-DDD

R.T.: 5.647 min
Delta R.T.: -0.009 min
Response: 69538715
Conc: 45.82 ng/ml



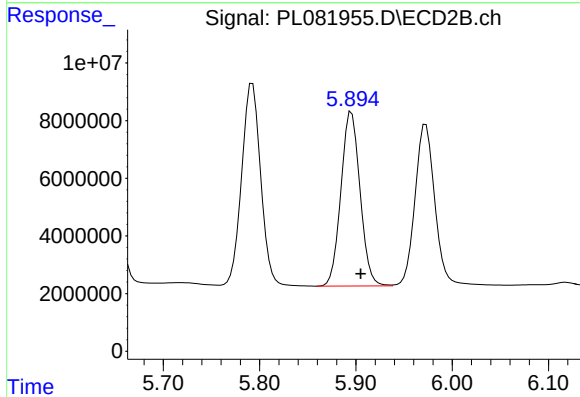
#17 4,4'-DDT

R.T.: 6.785 min
Delta R.T.: -0.008 min
Response: 92727136
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151994BS

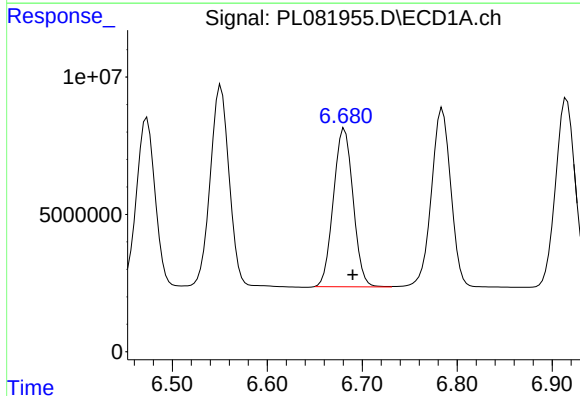
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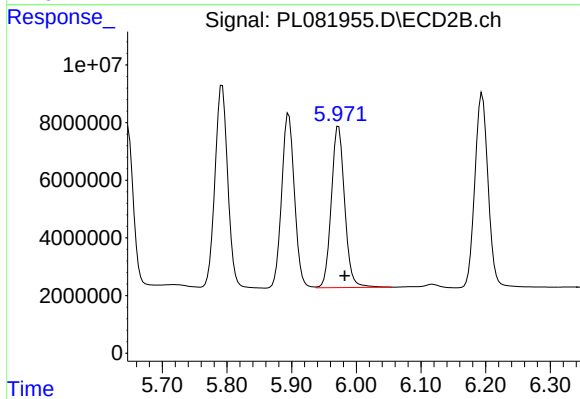
#17 4,4'-DDT

R.T.: 5.896 min
Delta R.T.: -0.009 min
Response: 83119154
Conc: 48.23 ng/ml



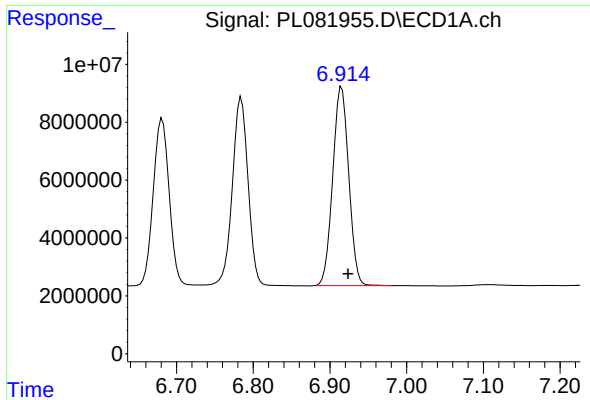
#18 Endrin aldehyde

R.T.: 6.681 min
Delta R.T.: -0.009 min
Response: 82907262
Conc: 50.67 ng/ml



#18 Endrin aldehyde

R.T.: 5.973 min
Delta R.T.: -0.009 min
Response: 79967117
Conc: 51.49 ng/ml



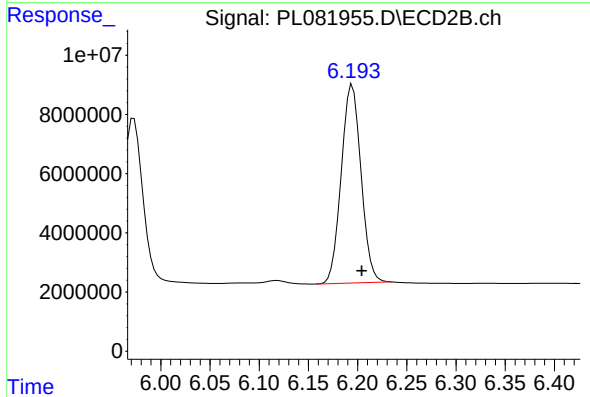
#19 Endosulfan Sulfate

R.T.: 6.915 min
Delta R.T.: -0.008 min
Response: 99557795
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151994BS

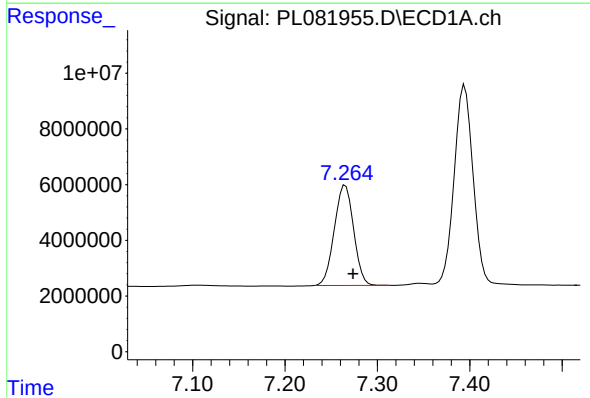
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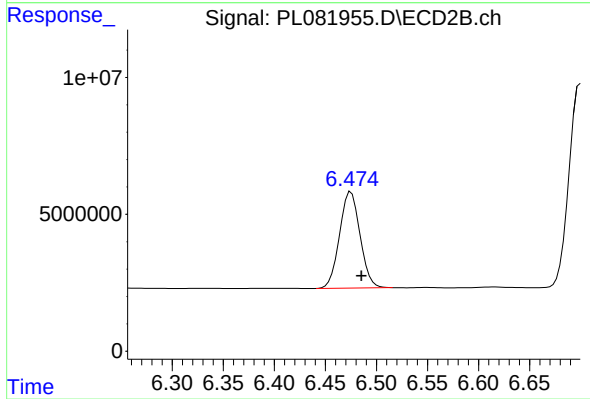
#19 Endosulfan Sulfate

R.T.: 6.193 min
Delta R.T.: -0.011 min
Response: 93882417
Conc: 48.25 ng/ml m



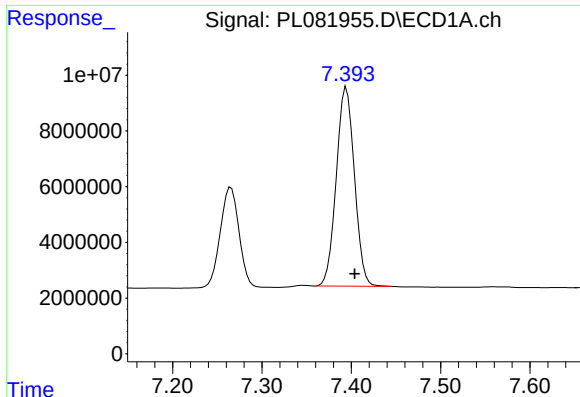
#20 Methoxychlor

R.T.: 7.265 min
Delta R.T.: -0.008 min
Response: 52275035
Conc: 48.54 ng/ml



#20 Methoxychlor

R.T.: 6.474 min
Delta R.T.: -0.011 min
Response: 49263709
Conc: 49.46 ng/ml m



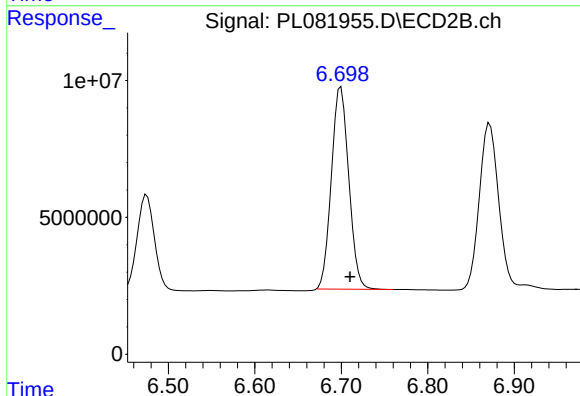
#21 Endrin ketone

R.T.: 7.395 min
Delta R.T.: -0.009 min
Response: 100767794
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151994BS

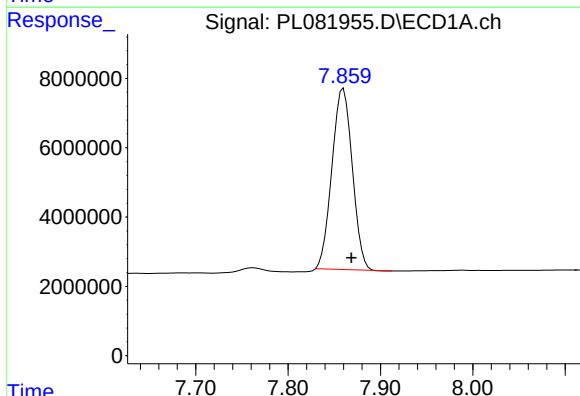
Manual Integrations
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Supervised By :Ankita Jodhani 04/11/2023



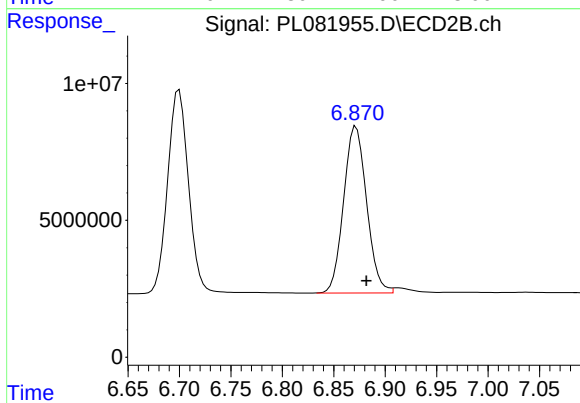
#21 Endrin ketone

R.T.: 6.700 min
Delta R.T.: -0.010 min
Response: 102981100
Conc: 48.19 ng/ml



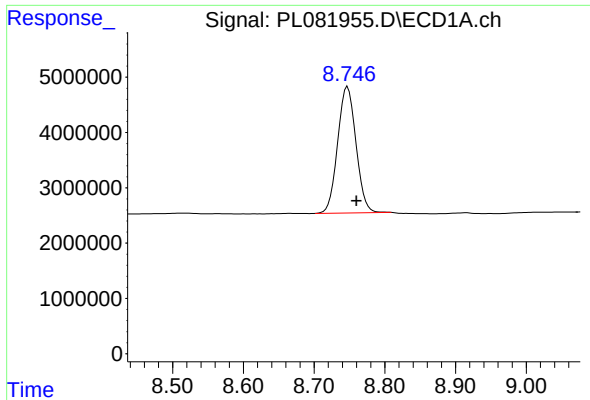
#22 Mirex

R.T.: 7.860 min
Delta R.T.: -0.009 min
Response: 79905698
Conc: 46.64 ng/ml



#22 Mirex

R.T.: 6.870 min
Delta R.T.: -0.011 min
Response: 94882986
Conc: 49.42 ng/ml m



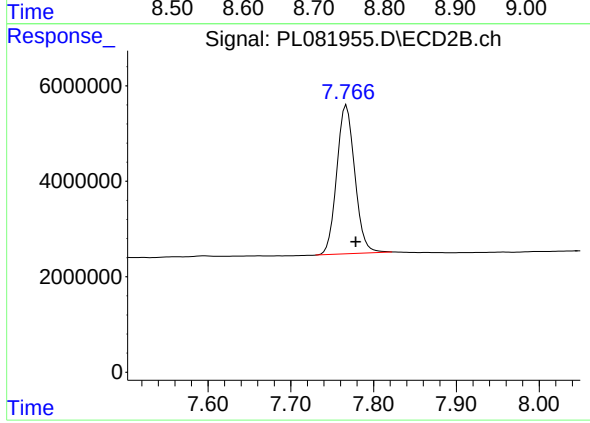
#28 Decachlorobiphenyl

R.T.: 8.747 min
Delta R.T.: -0.012 min
Response: 41161777
Conc: 23.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151994BS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 04/11/2023



#28 Decachlorobiphenyl

R.T.: 7.766 min
Delta R.T.: -0.013 min
Response: 47173264
Conc: 23.79 ng/ml m