

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030323\
 Data File : PL081238.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2023 12:39
 Operator : AR\AJ
 Sample : PB151187BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151187BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/06/2023
 Supervised By :Ankita Jodhani 03/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 20:48:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.337	2.667	48487424	41601065	22.442	20.556
28)	SA Decachlor...	8.766	7.793	39178043	47321505	25.698	24.704
Target Compounds							
2)	A alpha-BHC	3.788	3.168	156.7E6	131.3E6	49.256	44.816
3)	MA gamma-BHC...	4.116	3.496	147.6E6	126.3E6	49.891	45.915
4)	MA Heptachlor	4.696	3.830	141.0E6	129.1E6	51.093	46.771
5)	MB Aldrin	5.034	4.109	130.9E6	123.4E6	51.466	47.063
6)	B beta-BHC	4.318	3.795	65363838	53116466	47.486	45.765
7)	B delta-BHC	4.560	4.023	140.0E6	118.9E6	50.391	46.673
8)	B Heptachlo...	5.460	4.611	121.8E6	117.4E6	51.604	48.548
9)	A Endosulfan I	5.841	4.979	109.0E6	110.8E6	51.572	48.946
10)	B gamma-Chl...	5.715	4.860	120.5E6	119.7E6	52.814	48.910
11)	B alpha-Chl...	5.793	4.924	117.5E6	119.4E6	52.142	48.752
12)	B 4,4'-DDE	5.971	5.114	103.1E6	101.1E6	52.702	51.500
13)	MA Dieldrin	6.116	5.244	108.7E6	112.3E6	51.950	49.808
14)	MA Endrin	6.343	5.519	90951781	97405648	50.043	48.469
15)	B Endosulfa...	6.564	5.815	90564932	94758406	51.944	51.395
16)	A 4,4'-DDD	6.487	5.669	84444345	85091460	54.856	55.467
17)	MA 4,4'-DDT	6.798	5.919	80561604	81549783	50.754	50.832
18)	B Endrin al...	6.693	5.996	73126200	75894253	51.089m	50.094
19)	B Endosulfa...	6.929	6.219	94483722	97779016	52.623	50.872
20)	A Methoxychlor	7.278	6.499	43359167	46261033	50.338	49.845
21)	B Endrin ke...	7.409	6.724	96155633	109.6E6	53.007	50.885
22)	Mirex	7.874	6.897	74943272	93648877	51.362	48.658

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030323\
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 Acq On : 03 Mar 2023 12:39
 Operator : AR\AJ
 Sample : PB151187BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB151187BS

Manual Integrations

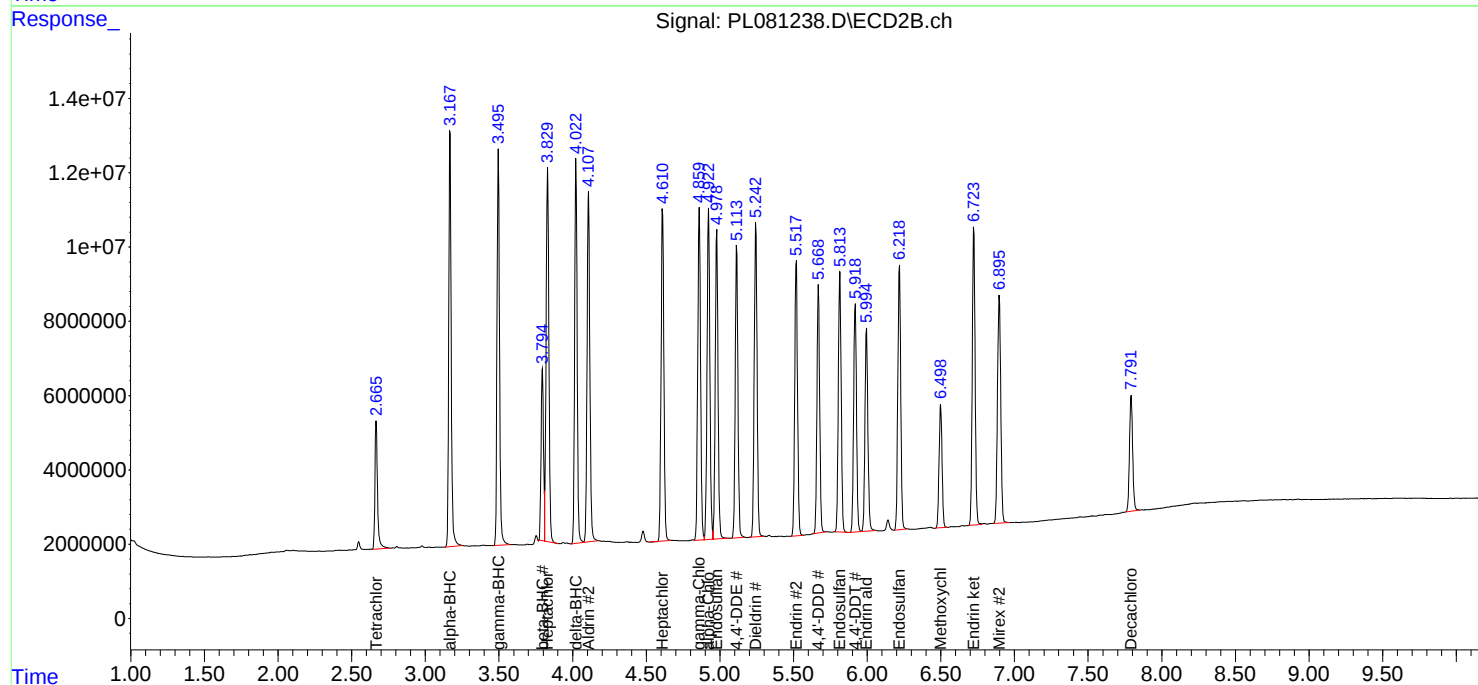
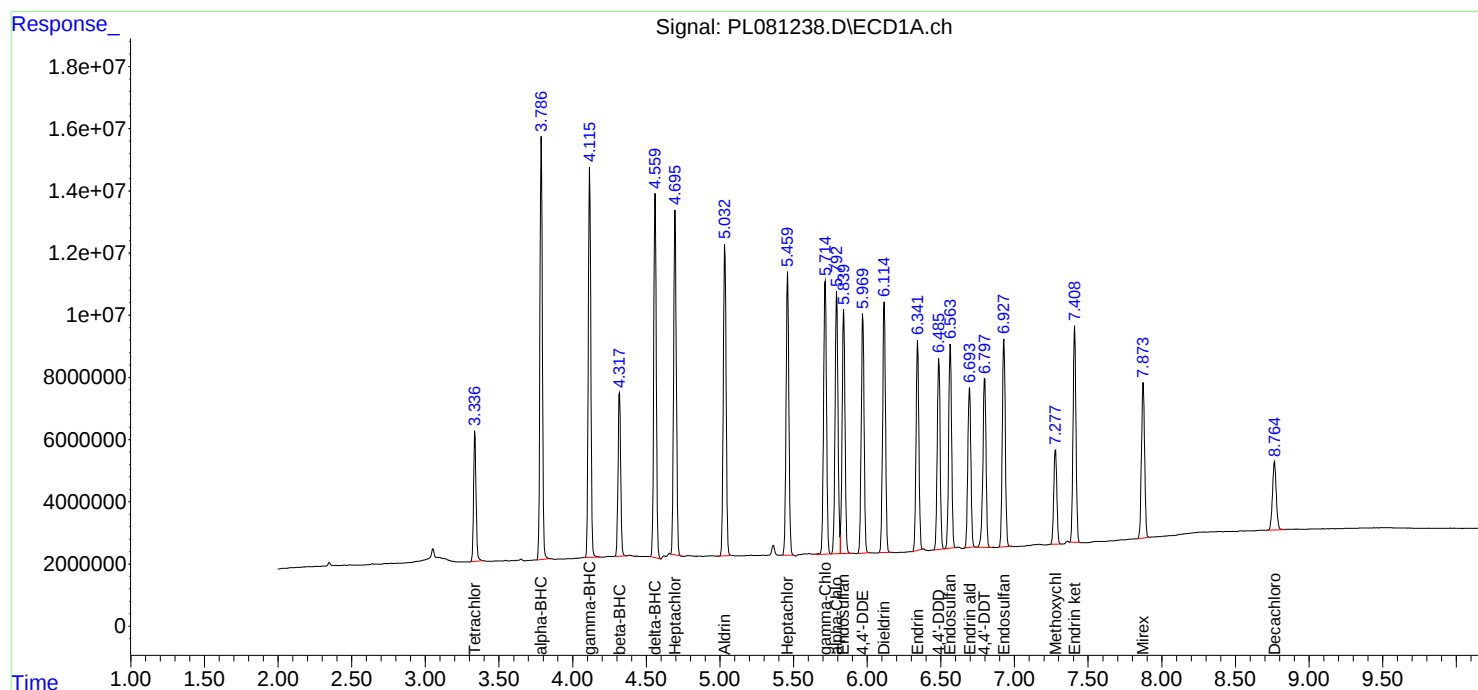
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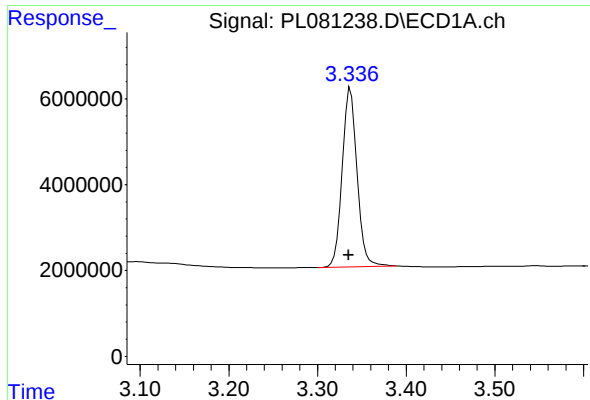
Reviewed By :Abdul Mirza 03/06/2023

Supervised By :Ankita Jodhani 03/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 20:48:36 2023
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





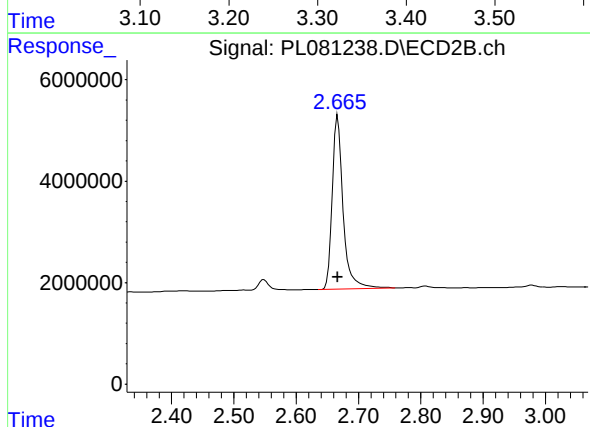
#1 Tetrachloro-m-xylene

R.T.: 3.337 min
Delta R.T.: 0.002 min
Response: 48487424
Conc: 22.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151187BS

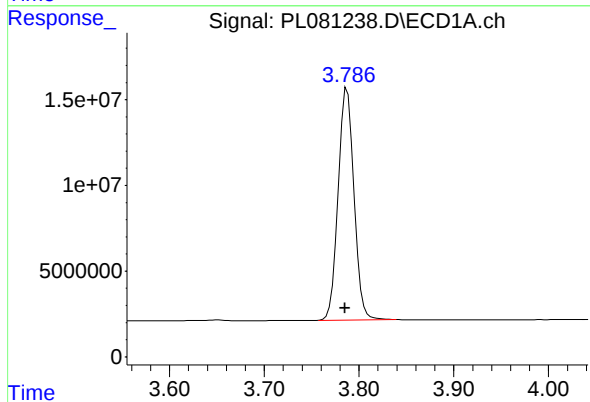
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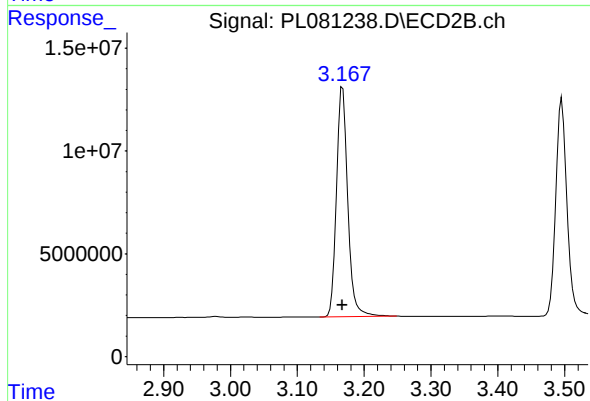
#1 Tetrachloro-m-xylene

R.T.: 2.667 min
Delta R.T.: 0.000 min
Response: 41601065
Conc: 20.56 ng/ml



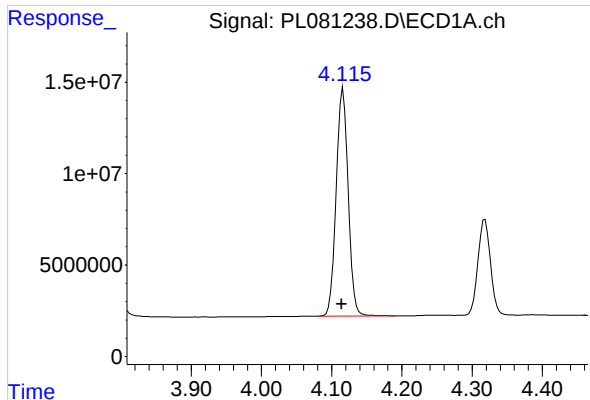
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: 0.002 min
Response: 156695543
Conc: 49.26 ng/ml



#2 alpha-BHC

R.T.: 3.168 min
Delta R.T.: 0.000 min
Response: 131340087
Conc: 44.82 ng/ml



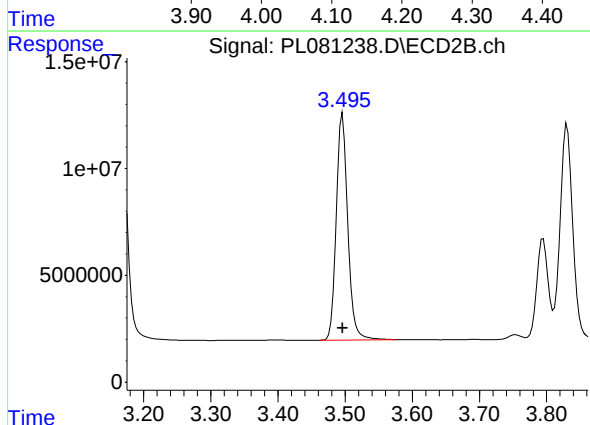
#3 gamma-BHC (Lindane)

R.T.: 4.116 min
Delta R.T.: 0.002 min
Response: 147605487
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151187BS

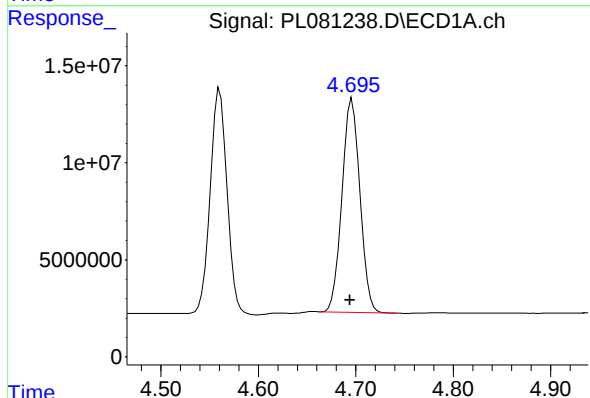
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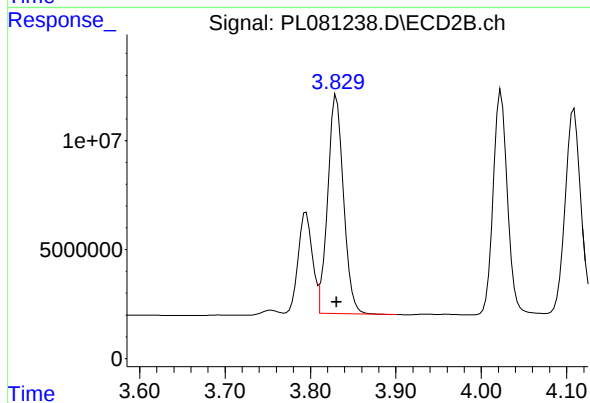
#3 gamma-BHC (Lindane)

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 126313658
Conc: 45.91 ng/ml



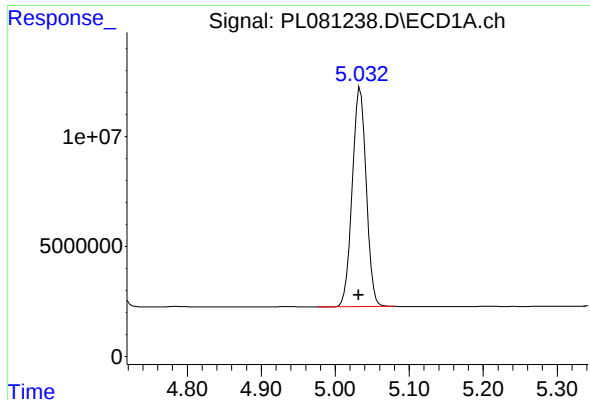
#4 Heptachlor

R.T.: 4.696 min
Delta R.T.: 0.002 min
Response: 140984383
Conc: 51.09 ng/ml



#4 Heptachlor

R.T.: 3.830 min
Delta R.T.: 0.000 min
Response: 129064655
Conc: 46.77 ng/ml



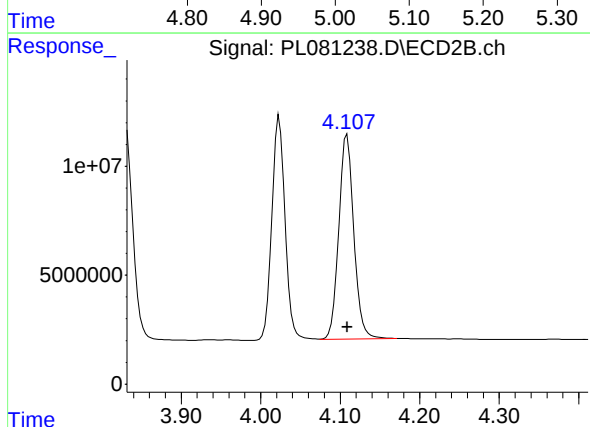
#5 Aldrin

R.T.: 5.034 min
Delta R.T.: 0.002 min
Response: 130936763
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151187BS

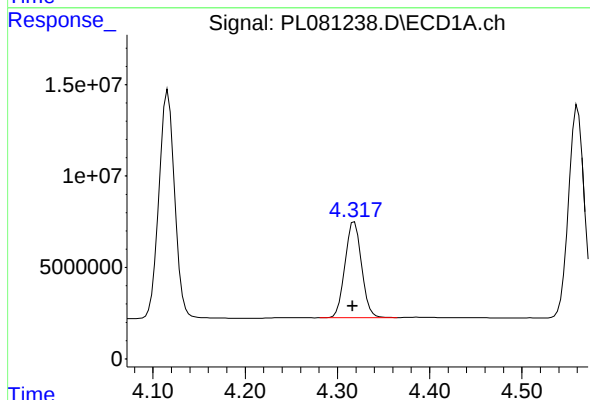
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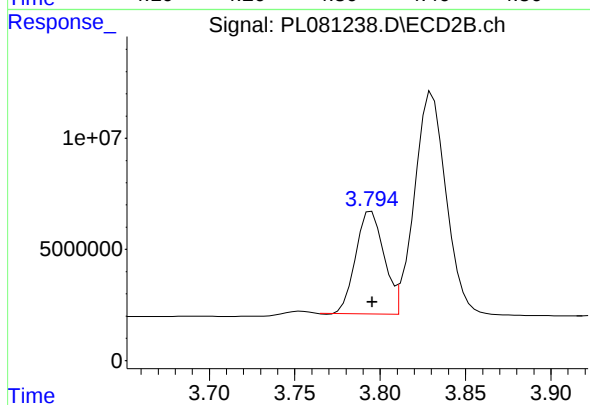
#5 Aldrin

R.T.: 4.109 min
Delta R.T.: 0.000 min
Response: 123387998
Conc: 47.06 ng/ml



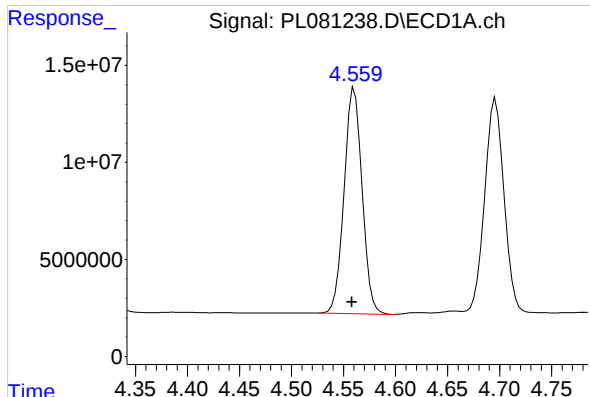
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: 0.002 min
Response: 65363838
Conc: 47.49 ng/ml



#6 beta-BHC

R.T.: 3.795 min
Delta R.T.: 0.000 min
Response: 53116466
Conc: 45.77 ng/ml



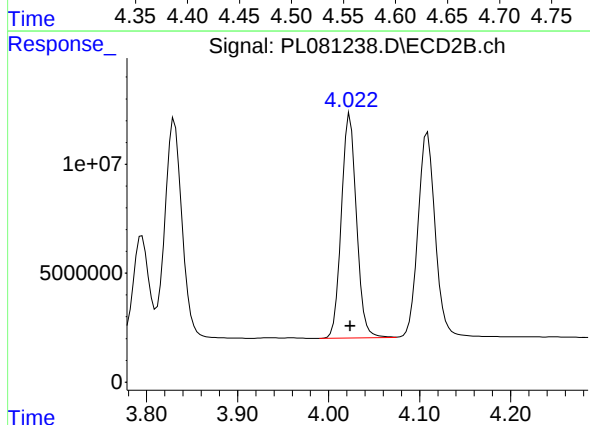
#7 delta-BHC

R.T.: 4.560 min
Delta R.T.: 0.002 min
Response: 140045062
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151187BS

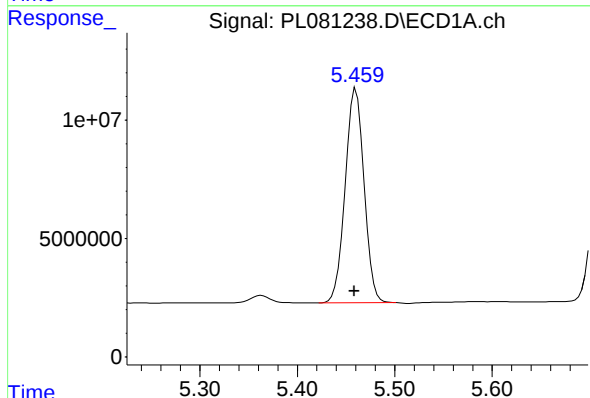
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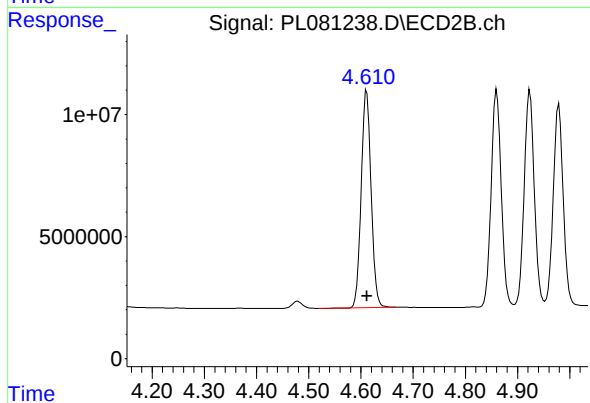
#7 delta-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 118858969
Conc: 46.67 ng/ml



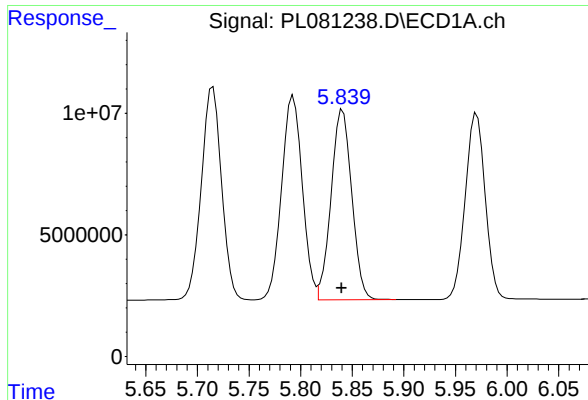
#8 Heptachlor epoxide

R.T.: 5.460 min
Delta R.T.: 0.002 min
Response: 121786579
Conc: 51.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.611 min
Delta R.T.: 0.000 min
Response: 117393671
Conc: 48.55 ng/ml



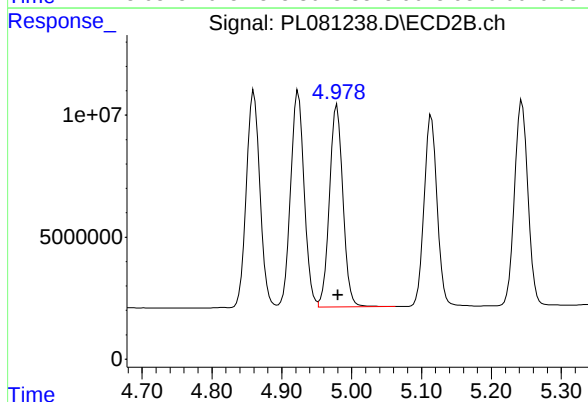
#9 Endosulfan I

R.T.: 5.841 min
Delta R.T.: 0.001 min
Response: 108956560
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151187BS

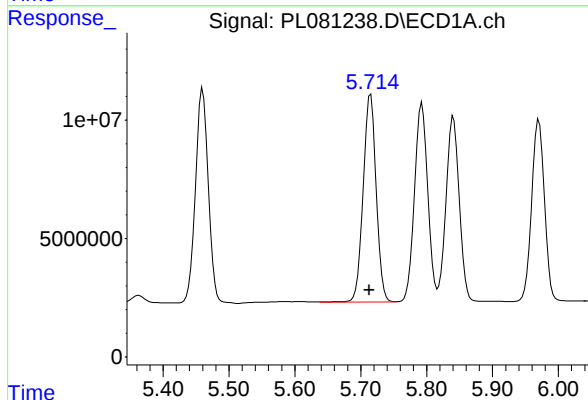
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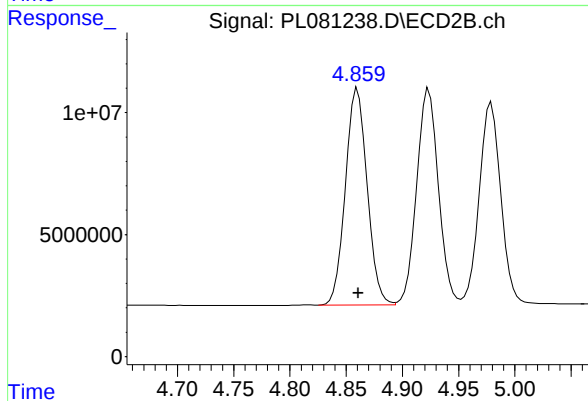
#9 Endosulfan I

R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 110797035
Conc: 48.95 ng/ml



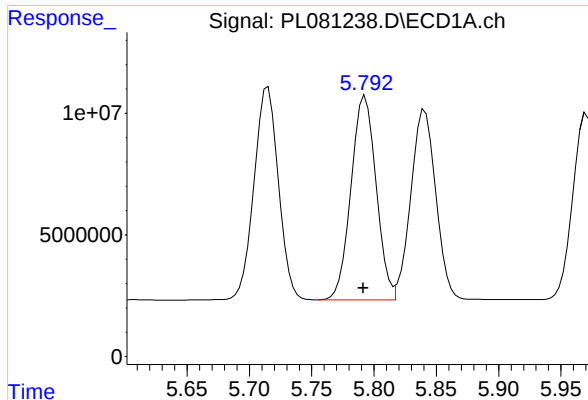
#10 gamma-Chlordane

R.T.: 5.715 min
Delta R.T.: 0.002 min
Response: 120516195
Conc: 52.81 ng/ml



#10 gamma-Chlordane

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 119720001
Conc: 48.91 ng/ml



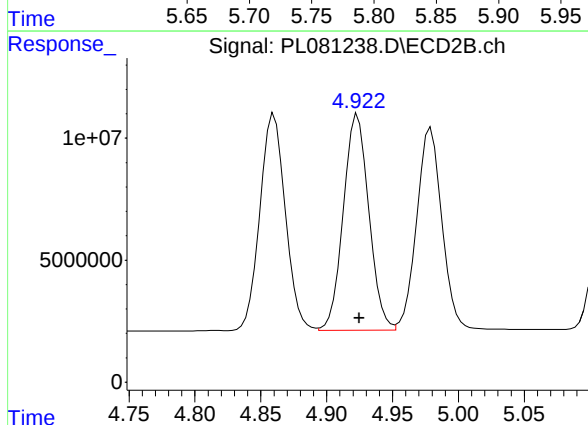
#11 alpha-Chlordane

R.T.: 5.793 min
Delta R.T.: 0.002 min
Response: 117472857
Conc: 52.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151187BS

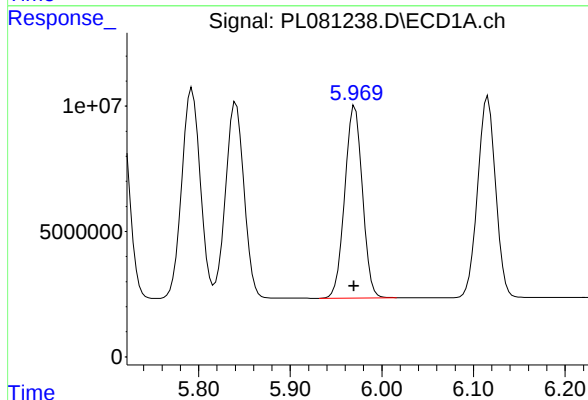
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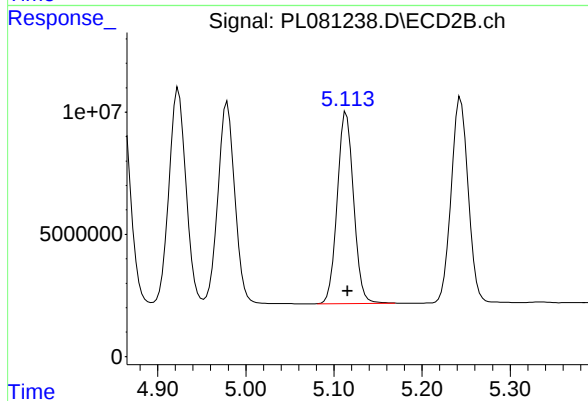
#11 alpha-Chlordane

R.T.: 4.924 min
Delta R.T.: -0.001 min
Response: 119370924
Conc: 48.75 ng/ml



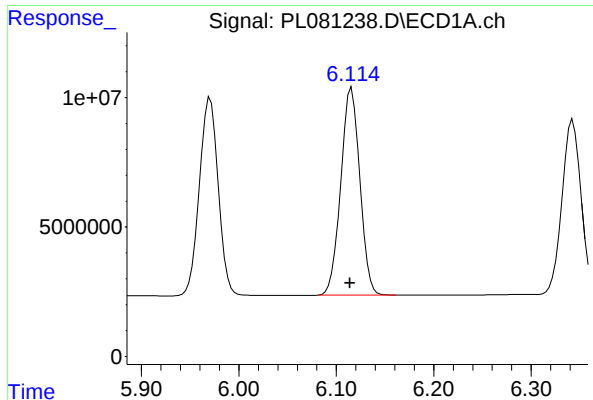
#12 4,4'-DDE

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 103115721
Conc: 52.70 ng/ml



#12 4,4'-DDE

R.T.: 5.114 min
Delta R.T.: -0.001 min
Response: 101086926
Conc: 51.50 ng/ml



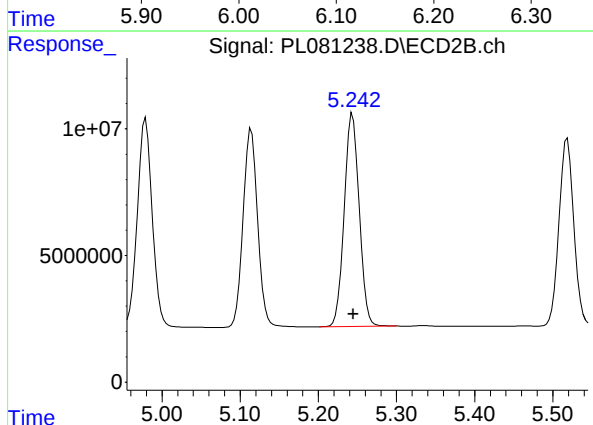
#13 Dieldrin

R.T.: 6.116 min
Delta R.T.: 0.001 min
Response: 108730470
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151187BS

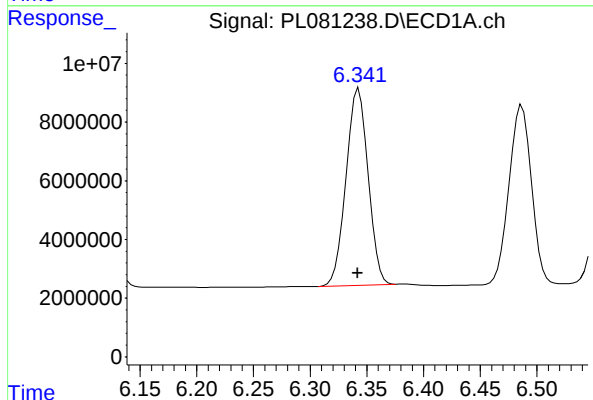
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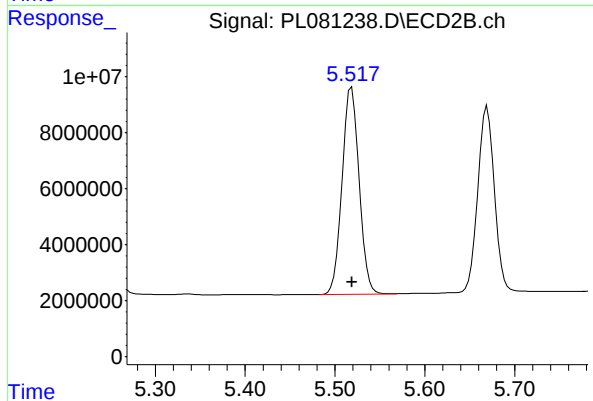
#13 Dieldrin

R.T.: 5.244 min
Delta R.T.: -0.001 min
Response: 112284079
Conc: 49.81 ng/ml



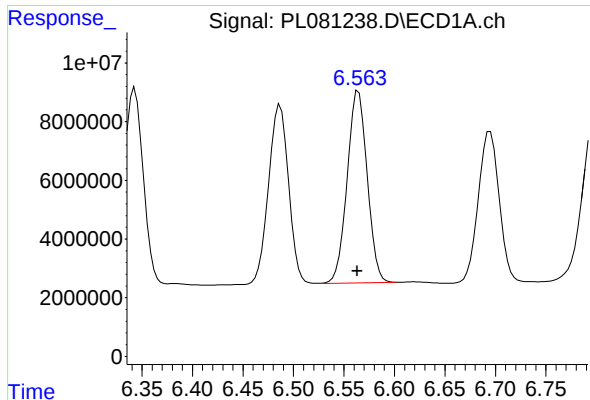
#14 Endrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 90951781
Conc: 50.04 ng/ml



#14 Endrin

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 97405648
Conc: 48.47 ng/ml



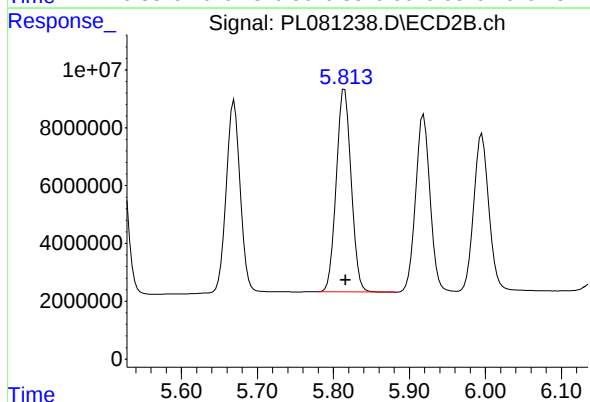
#15 Endosulfan II

R.T.: 6.564 min
Delta R.T.: 0.001 min
Response: 90564932
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151187BS

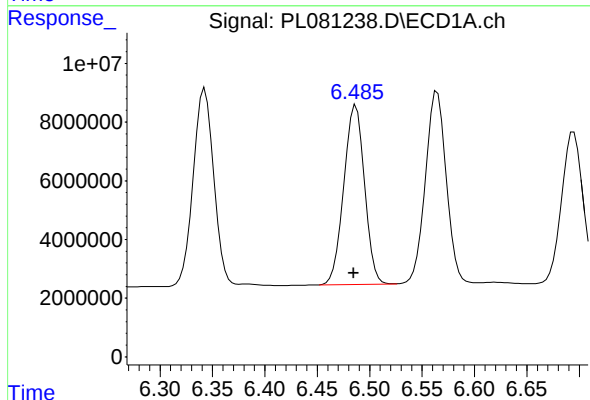
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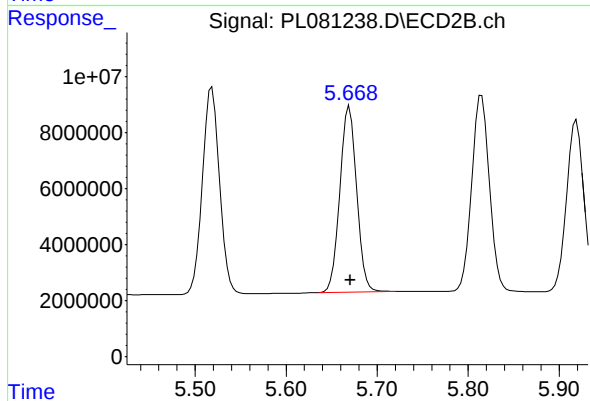
#15 Endosulfan II

R.T.: 5.815 min
Delta R.T.: -0.001 min
Response: 94758406
Conc: 51.40 ng/ml



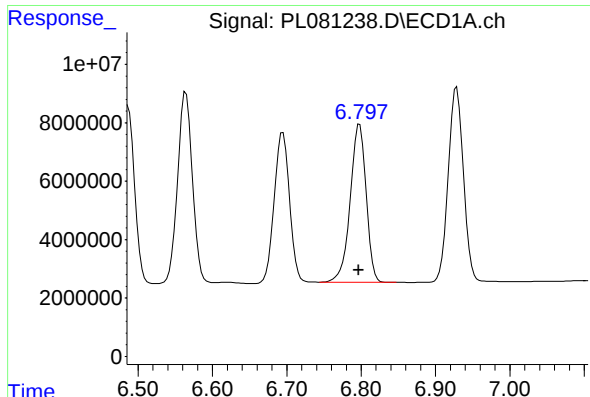
#16 4,4'-DDD

R.T.: 6.487 min
Delta R.T.: 0.002 min
Response: 84444345
Conc: 54.86 ng/ml



#16 4,4'-DDD

R.T.: 5.669 min
Delta R.T.: -0.001 min
Response: 85091460
Conc: 55.47 ng/ml



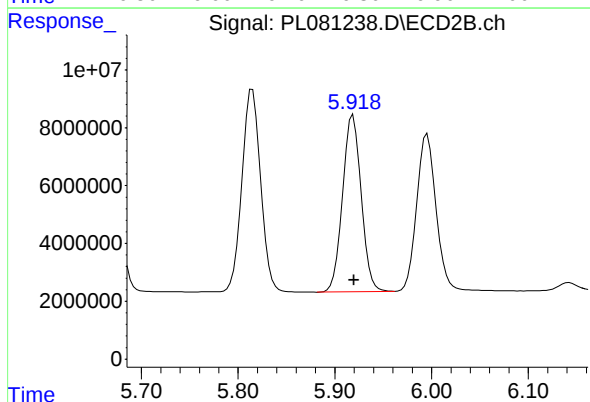
#17 4,4'-DDT

R.T.: 6.798 min
Delta R.T.: 0.001 min
Response: 80561604
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151187BS

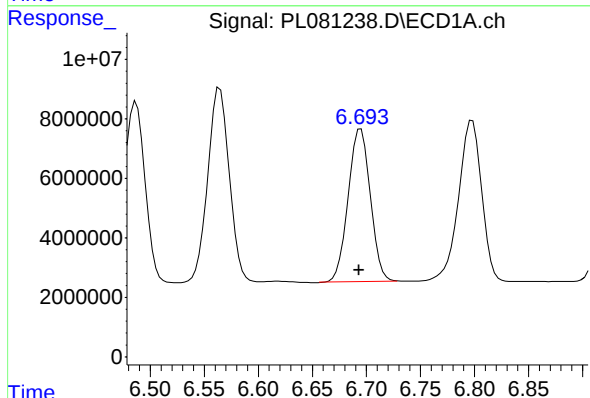
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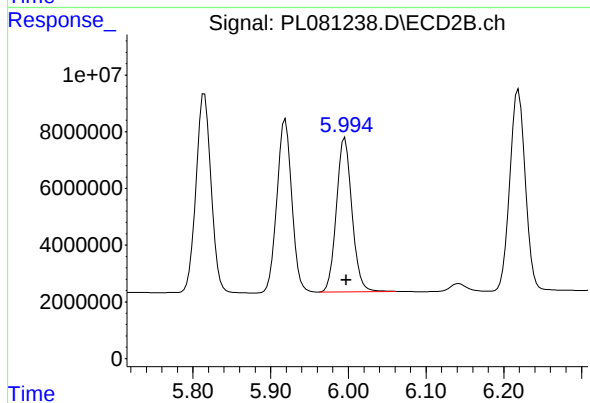
#17 4,4'-DDT

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 81549783
Conc: 50.83 ng/ml



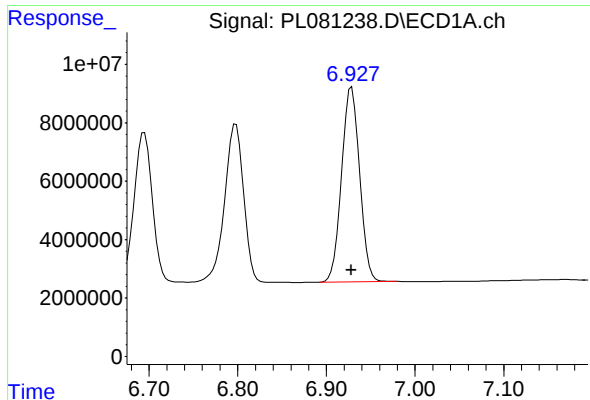
#18 Endrin aldehyde

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 73126200
Conc: 51.09 ng/ml m



#18 Endrin aldehyde

R.T.: 5.996 min
Delta R.T.: -0.002 min
Response: 75894253
Conc: 50.09 ng/ml



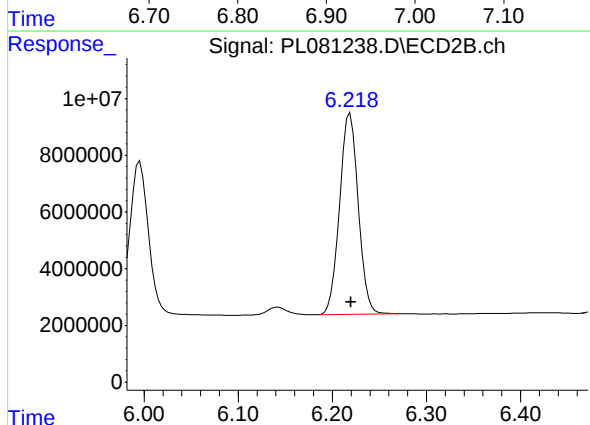
#19 Endosulfan Sulfate

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 94483722
Conc: 52.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151187BS

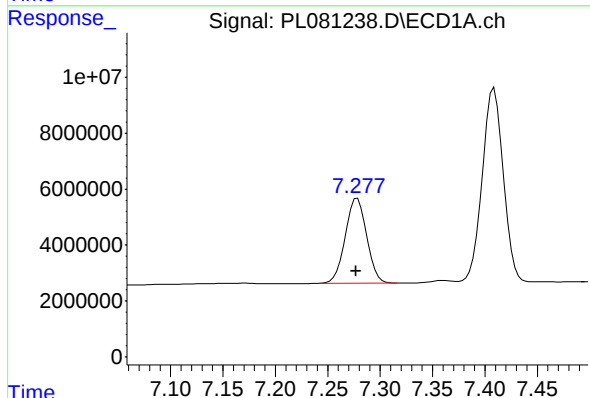
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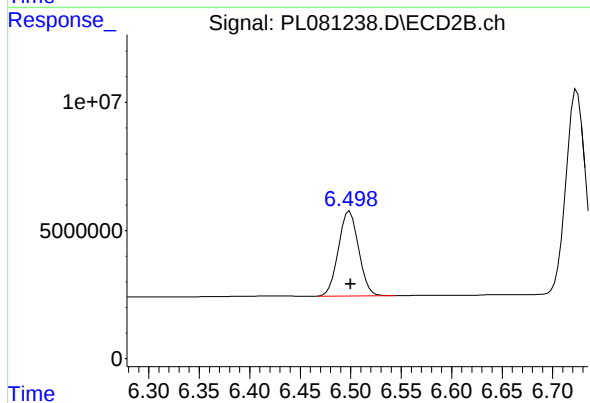
#19 Endosulfan Sulfate

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 97779016
Conc: 50.87 ng/ml



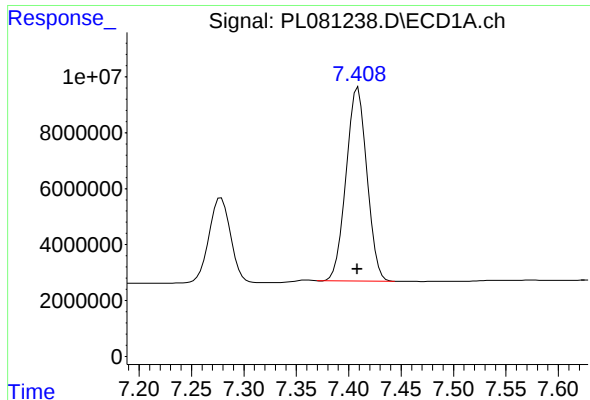
#20 Methoxychlor

R.T.: 7.278 min
Delta R.T.: 0.001 min
Response: 43359167
Conc: 50.34 ng/ml



#20 Methoxychlor

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 46261033
Conc: 49.85 ng/ml



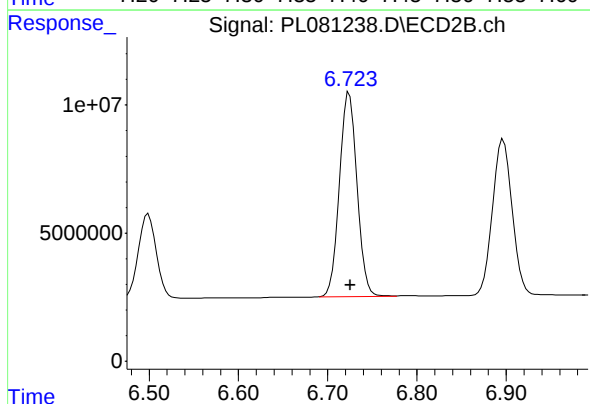
#21 Endrin ketone

R.T.: 7.409 min
Delta R.T.: 0.000 min
Response: 96155633
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151187BS

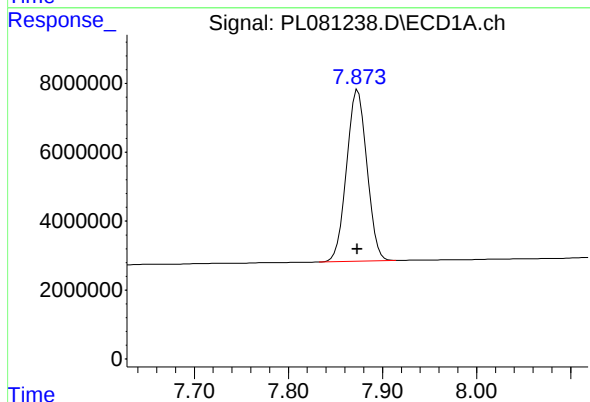
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/06/2023
Supervised By :Ankita Jodhani 03/06/2023



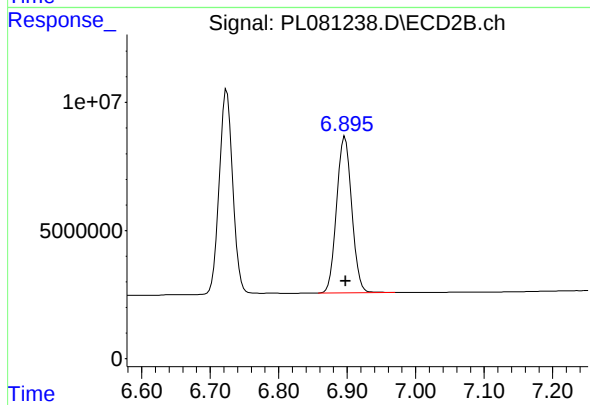
#21 Endrin ketone

R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 109559975
Conc: 50.88 ng/ml



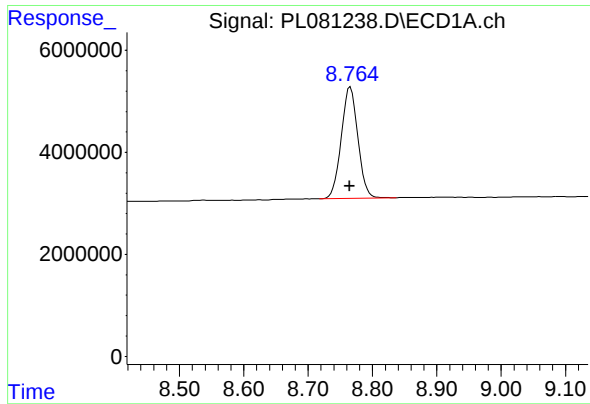
#22 Mirex

R.T.: 7.874 min
Delta R.T.: 0.000 min
Response: 74943272
Conc: 51.36 ng/ml



#22 Mirex

R.T.: 6.897 min
Delta R.T.: -0.001 min
Response: 93648877
Conc: 48.66 ng/ml



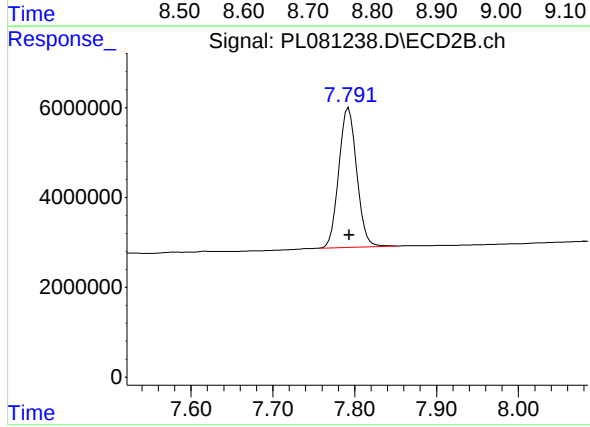
#28 Decachlorobiphenyl

R.T.: 8.766 min
Delta R.T.: 0.001 min
Response: 39178043
Conc: 25.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151187BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.793 min
Delta R.T.: -0.001 min
Response: 47321505
Conc: 24.70 ng/ml