

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042423\
 Data File : PL082282.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2023 11:48
 Operator : AR\AJ
 Sample : PB152296BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152296BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/25/2023
 Supervised By : Ankita Jodhani 04/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 22:26:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.332	2.649	56210595	46676238	21.043	20.147
28)	SA Decachlor...	8.754	7.765	47376327	51292524	24.816	22.472
Target Compounds							
2)	A alpha-BHC	3.782	3.148	183.0E6	147.3E6	45.973	43.283
3)	MA gamma-BHC...	4.111	3.475	171.1E6	137.7E6	45.756	42.833
4)	MA Heptachlor	4.689	3.808	166.7E6	147.0E6	45.611	42.927
5)	MB Aldrin	5.026	4.084	157.2E6	140.8E6	47.669	44.692
6)	B beta-BHC	4.314	3.775	70826696	55376097	41.528	40.586
7)	B delta-BHC	4.555	4.002	167.5E6	132.7E6	46.562	43.265
8)	B Heptachlo...	5.453	4.586	139.4E6	127.5E6	45.706	44.241
9)	A Endosulfan I	5.833	4.954	129.5E6	117.0E6	46.720	43.845
10)	B gamma-Chl...	5.707	4.835	143.1E6	128.8E6	47.590	44.384
11)	B alpha-Chl...	5.785	4.898	140.6E6	128.3E6	47.099	44.187
12)	B 4,4'-DDE	5.963	5.090	122.7E6	104.2E6	48.271	45.321
13)	MA Dieldrin	6.107	5.219	136.7E6	123.8E6	49.554	45.840
14)	MA Endrin	6.334	5.494	115.6E6	110.8E6	47.692	45.300
15)	B Endosulfa...	6.557	5.790	114.4E6	107.8E6	46.988	47.811
16)	A 4,4'-DDD	6.478	5.645	99346052	86052373	49.007	46.007
17)	MA 4,4'-DDT	6.790	5.893	104.9E6	94477508	45.874	44.721
18)	B Endrin al...	6.686	5.971	96221279	89653034	51.068	47.907
19)	B Endosulfa...	6.921	6.193	113.0E6	106.6E6	47.630	45.297
20)	A Methoxychlor	7.271	6.473	58151820	54548951	47.652	45.014
21)	B Endrin ke...	7.399	6.698	118.4E6	117.8E6	49.437m	46.417
22)	Mirex	7.864	6.870	93007177	102.3E6	47.542	44.396

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042423\
Data File : PL082282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2023 11:48
Operator : AR\AJ
Sample : PB152296BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB152296BSD

Manual Integrations

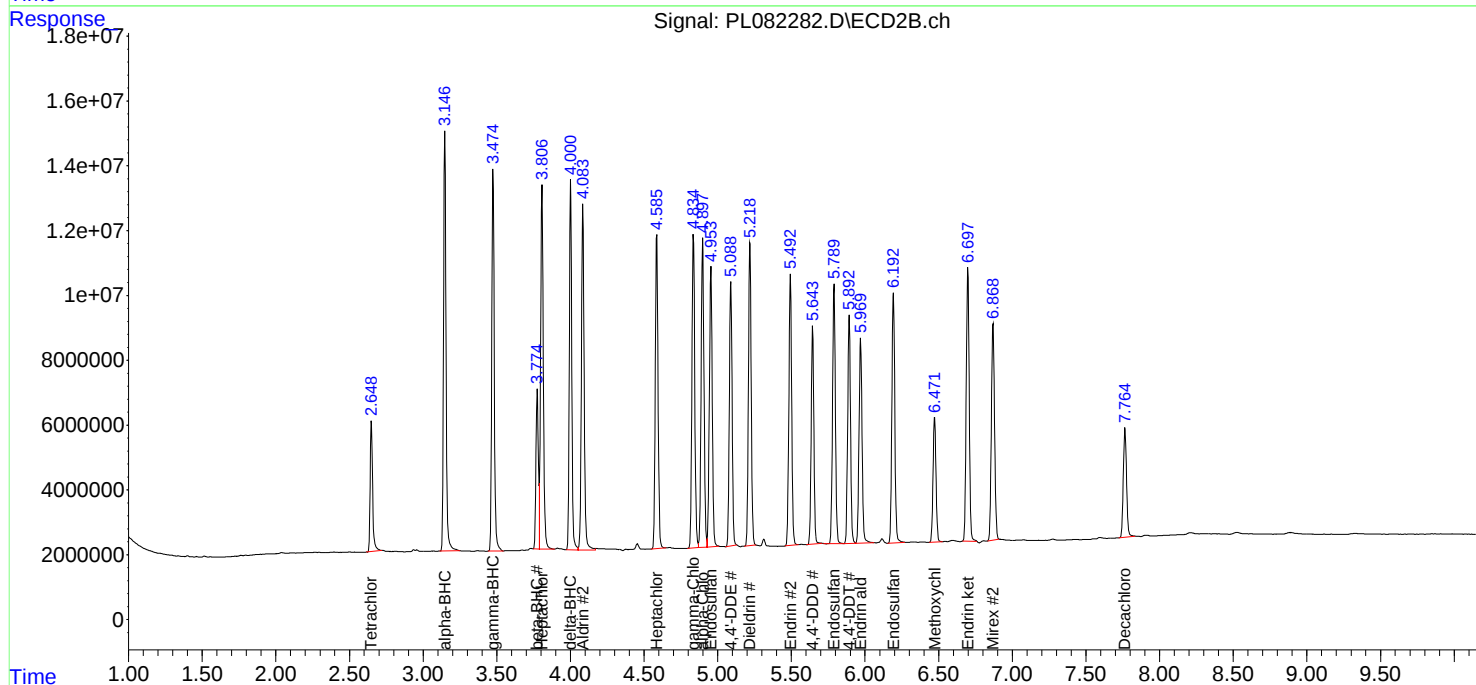
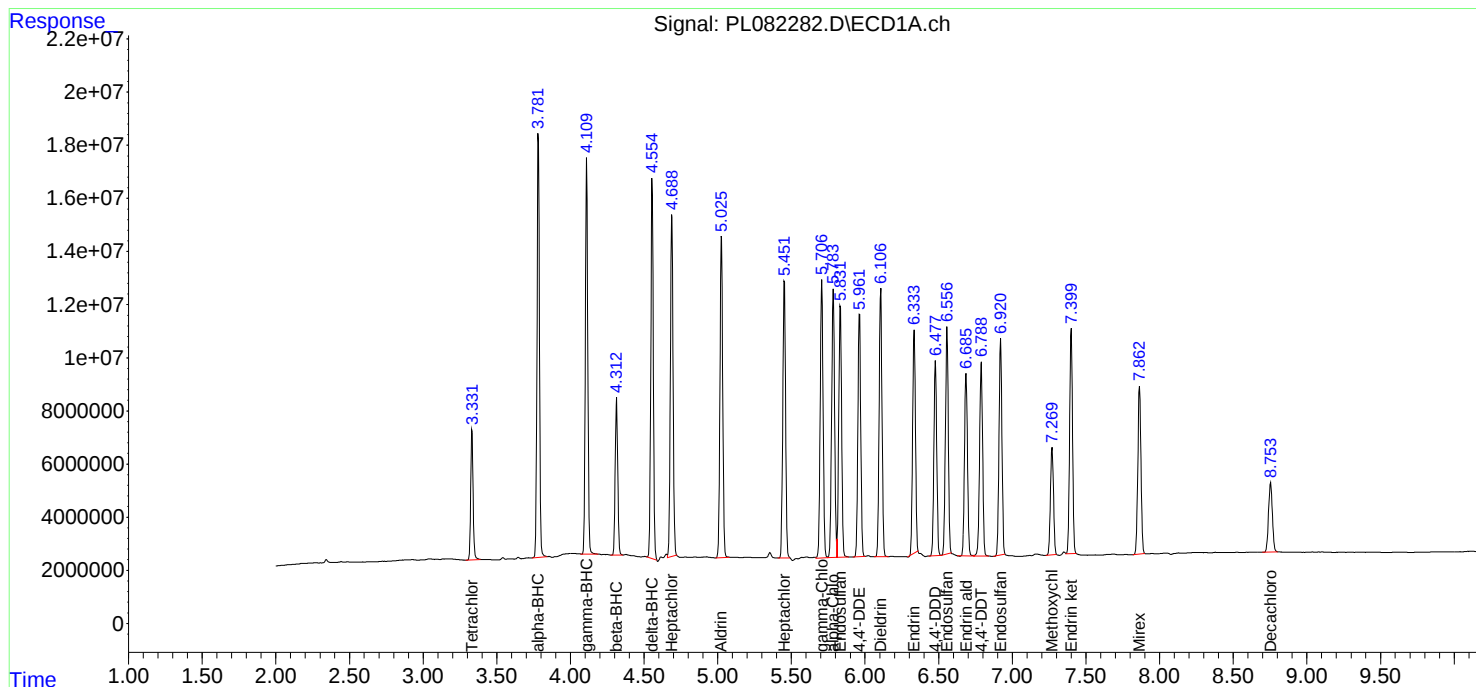
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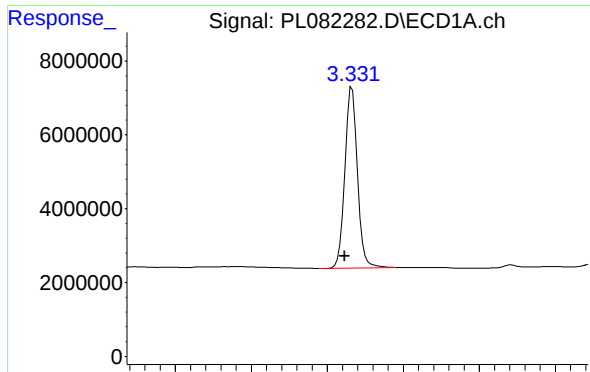
Reviewed By :Abdul Mirza 04/25/2023

Supervised By :Ankita Jodhani 04/25/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 22:26:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





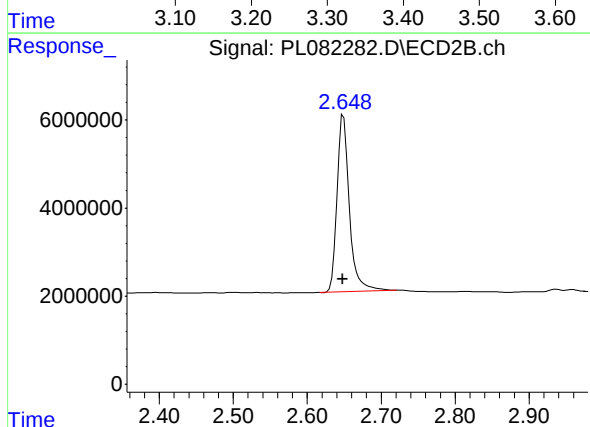
#1 Tetrachloro-m-xylene

R.T.: 3.332 min
Delta R.T.: 0.009 min
Response: 56210595
Conc: 21.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152296BSD

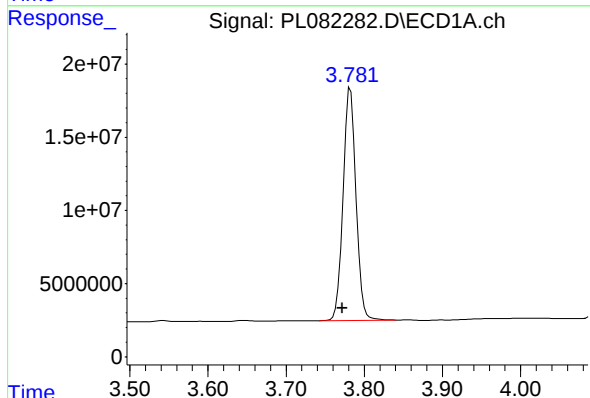
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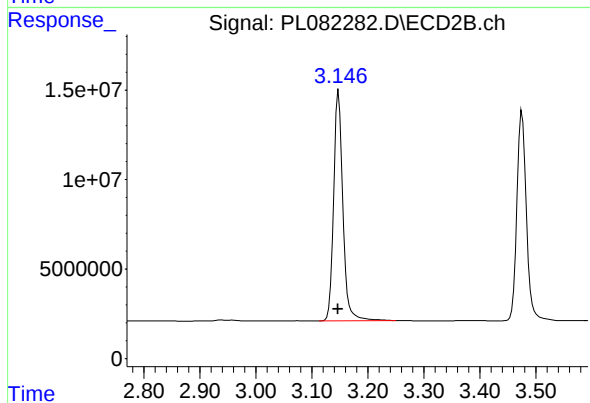
#1 Tetrachloro-m-xylene

R.T.: 2.649 min
Delta R.T.: 0.000 min
Response: 46676238
Conc: 20.15 ng/ml



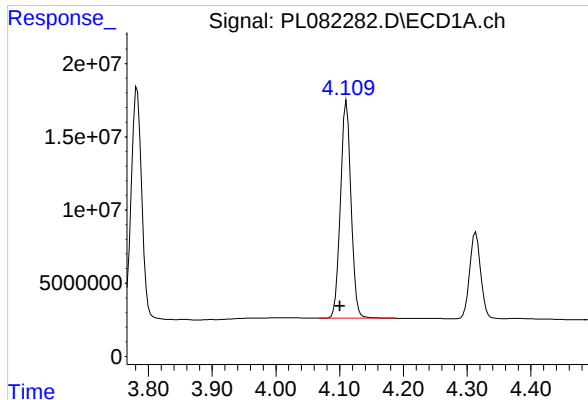
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: 0.010 min
Response: 182985562
Conc: 45.97 ng/ml



#2 alpha-BHC

R.T.: 3.148 min
Delta R.T.: 0.001 min
Response: 147311250
Conc: 43.28 ng/ml



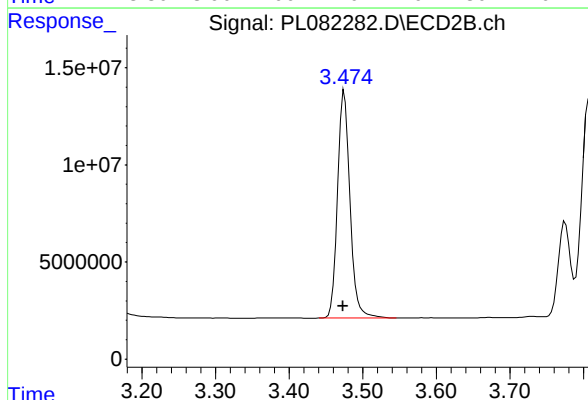
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: 0.010 min
Response: 171078044
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152296BSD

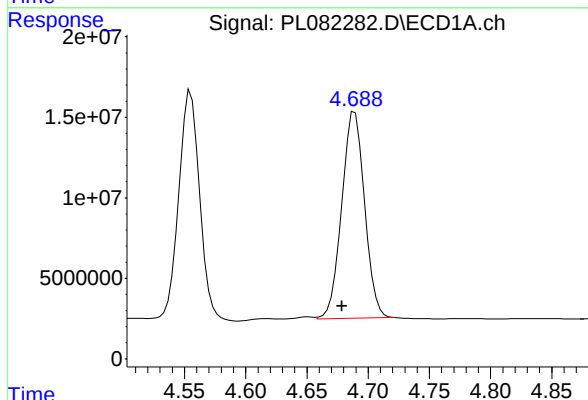
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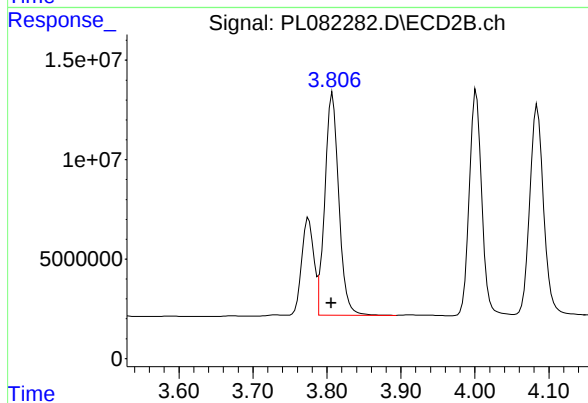
#3 gamma-BHC (Lindane)

R.T.: 3.475 min
Delta R.T.: 0.002 min
Response: 137720228
Conc: 42.83 ng/ml



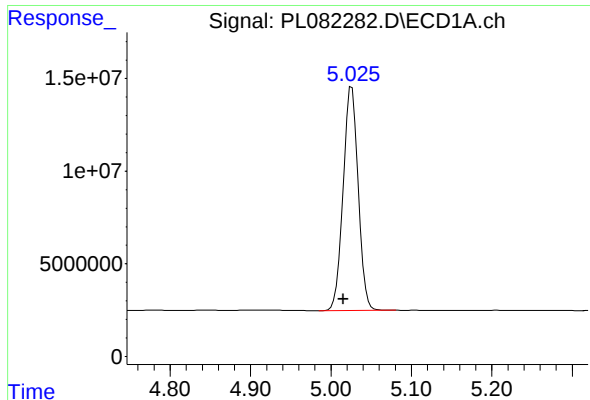
#4 Heptachlor

R.T.: 4.689 min
Delta R.T.: 0.011 min
Response: 166658836
Conc: 45.61 ng/ml



#4 Heptachlor

R.T.: 3.808 min
Delta R.T.: 0.002 min
Response: 146950072
Conc: 42.93 ng/ml



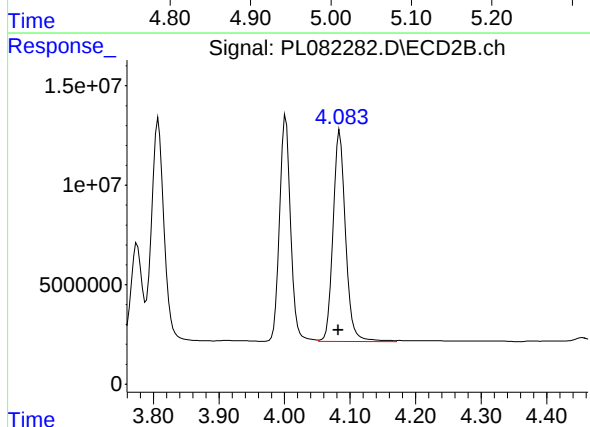
#5 Aldrin

R.T.: 5.026 min
Delta R.T.: 0.010 min
Response: 157194033
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152296BSD

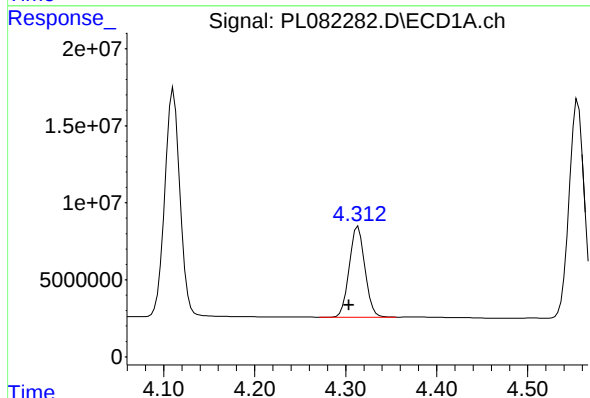
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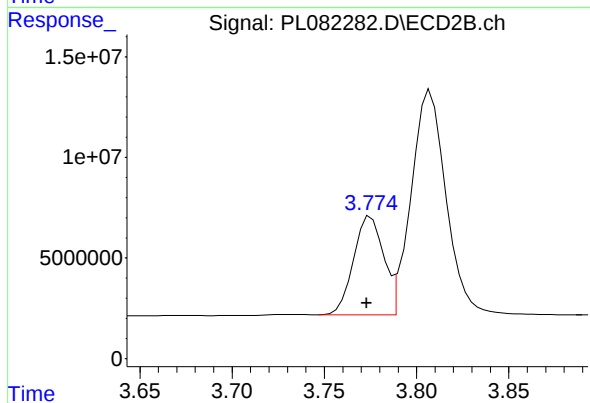
#5 Aldrin

R.T.: 4.084 min
Delta R.T.: 0.002 min
Response: 140771995
Conc: 44.69 ng/ml



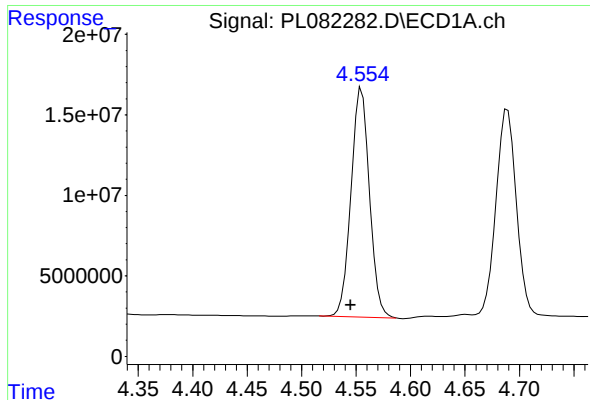
#6 beta-BHC

R.T.: 4.314 min
Delta R.T.: 0.010 min
Response: 70826696
Conc: 41.53 ng/ml



#6 beta-BHC

R.T.: 3.775 min
Delta R.T.: 0.002 min
Response: 55376097
Conc: 40.59 ng/ml



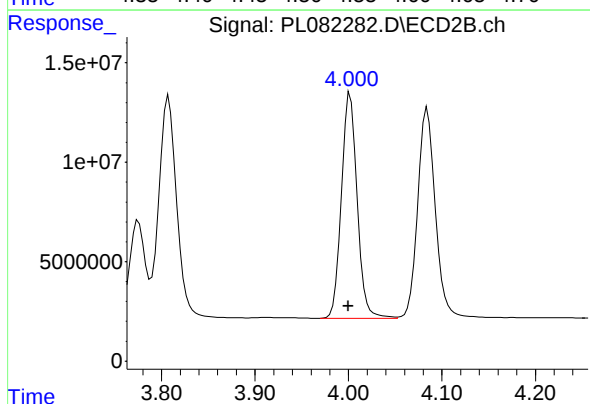
#7 delta-BHC

R.T.: 4.555 min
Delta R.T.: 0.010 min
Response: 167520415
Conc: 46.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152296BSD

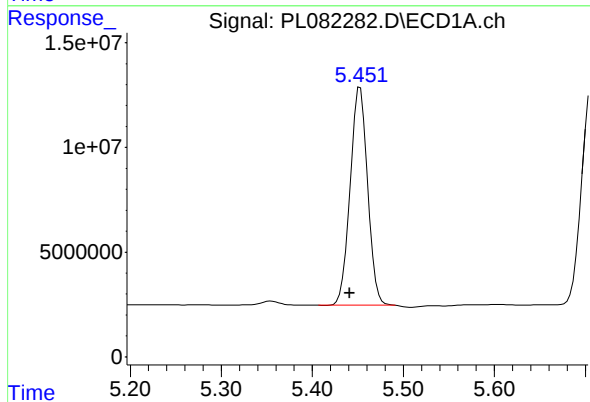
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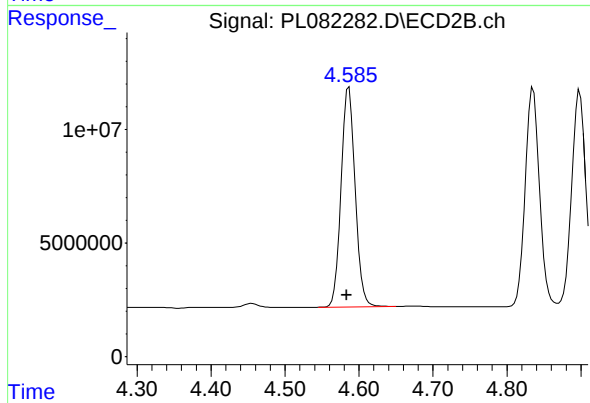
#7 delta-BHC

R.T.: 4.002 min
Delta R.T.: 0.002 min
Response: 132711819
Conc: 43.27 ng/ml



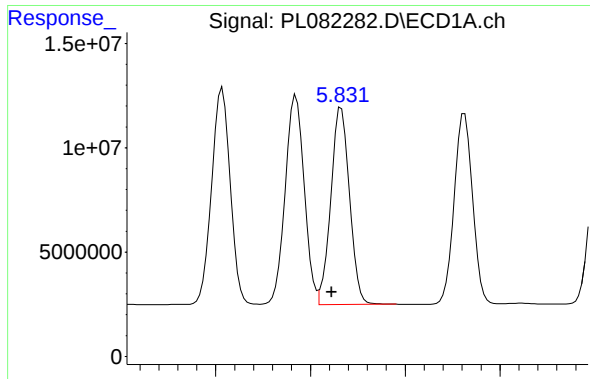
#8 Heptachlor epoxide

R.T.: 5.453 min
Delta R.T.: 0.011 min
Response: 139419983
Conc: 45.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.586 min
Delta R.T.: 0.003 min
Response: 127453513
Conc: 44.24 ng/ml



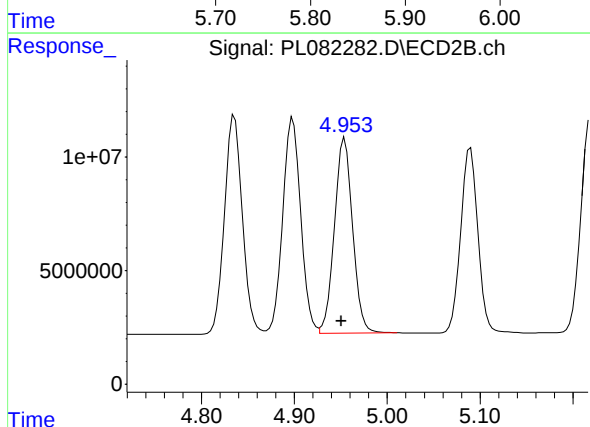
#9 Endosulfan I

R.T.: 5.833 min
Delta R.T.: 0.010 min
Response: 129541417
Conc: 46.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152296BSD

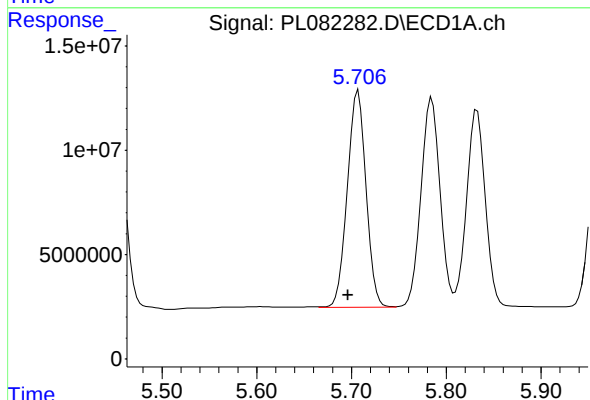
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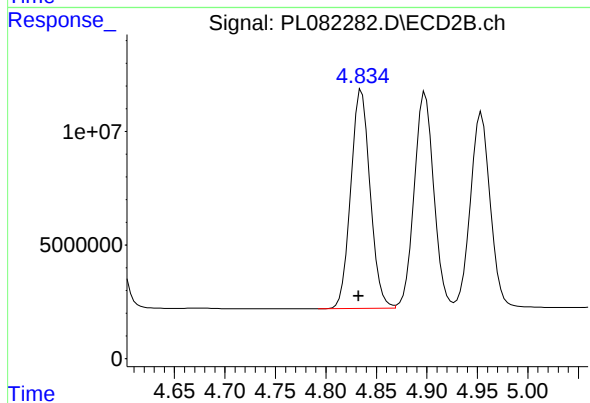
#9 Endosulfan I

R.T.: 4.954 min
Delta R.T.: 0.004 min
Response: 117042463
Conc: 43.85 ng/ml



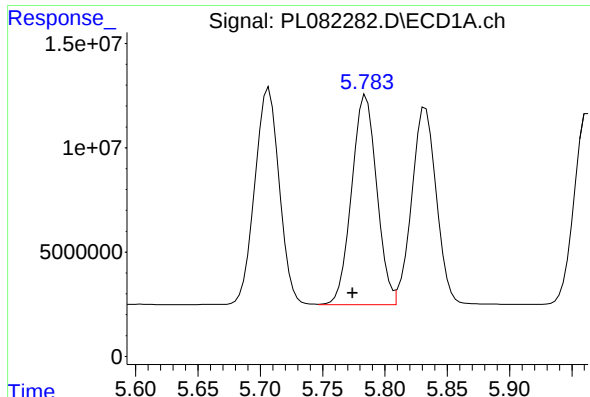
#10 gamma-Chlordane

R.T.: 5.707 min
Delta R.T.: 0.011 min
Response: 143097024
Conc: 47.59 ng/ml



#10 gamma-Chlordane

R.T.: 4.835 min
Delta R.T.: 0.003 min
Response: 128794775
Conc: 44.38 ng/ml



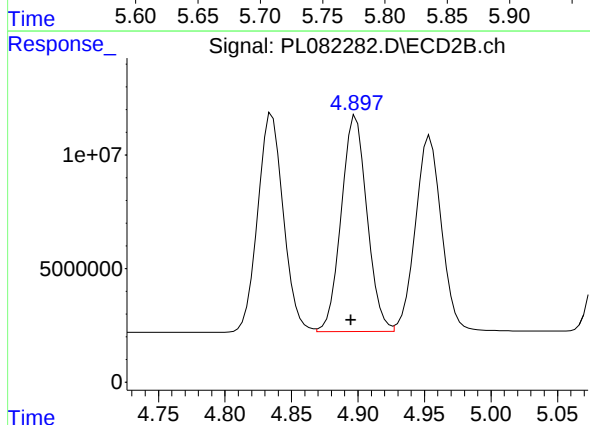
#11 alpha-Chlordane

R.T.: 5.785 min
Delta R.T.: 0.011 min
Response: 140570845
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152296BSD

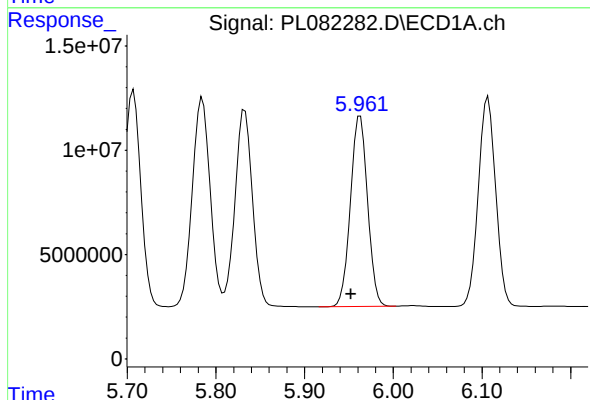
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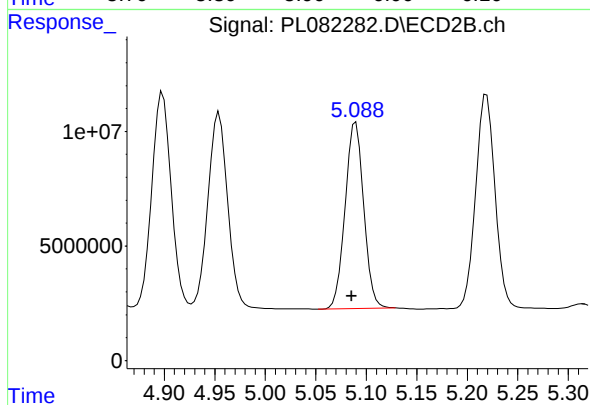
#11 alpha-Chlordane

R.T.: 4.898 min
Delta R.T.: 0.003 min
Response: 128266418
Conc: 44.19 ng/ml



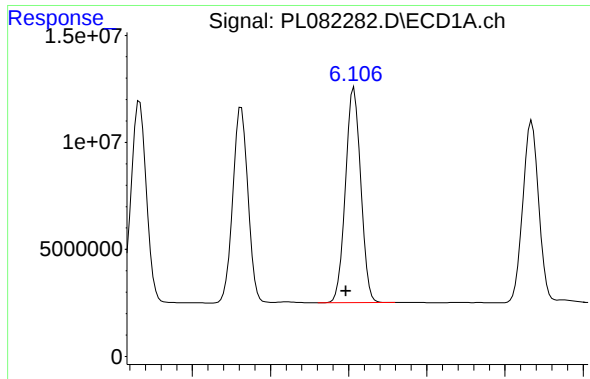
#12 4,4'-DDE

R.T.: 5.963 min
Delta R.T.: 0.010 min
Response: 122706184
Conc: 48.27 ng/ml



#12 4,4'-DDE

R.T.: 5.090 min
Delta R.T.: 0.004 min
Response: 104191481
Conc: 45.32 ng/ml



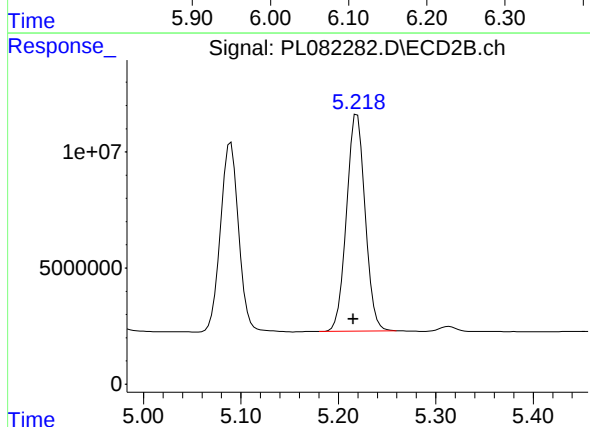
#13 Dieldrin

R.T.: 6.107 min
Delta R.T.: 0.010 min
Response: 136726179
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152296BSD

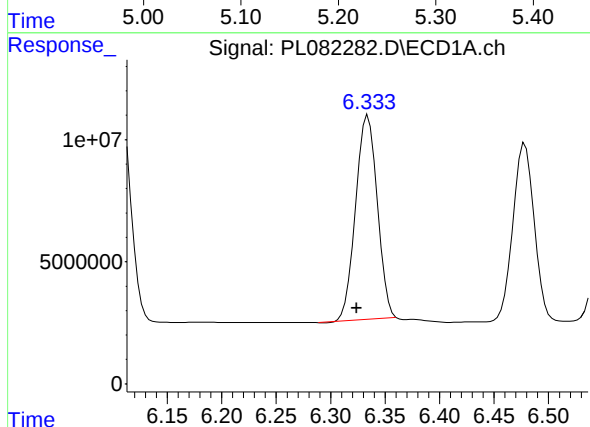
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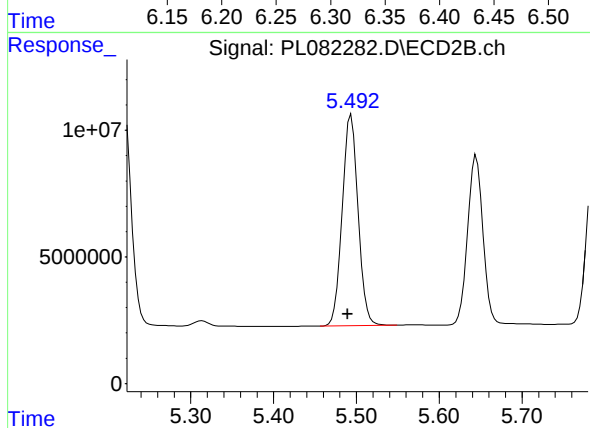
#13 Dieldrin

R.T.: 5.219 min
Delta R.T.: 0.004 min
Response: 123785395
Conc: 45.84 ng/ml



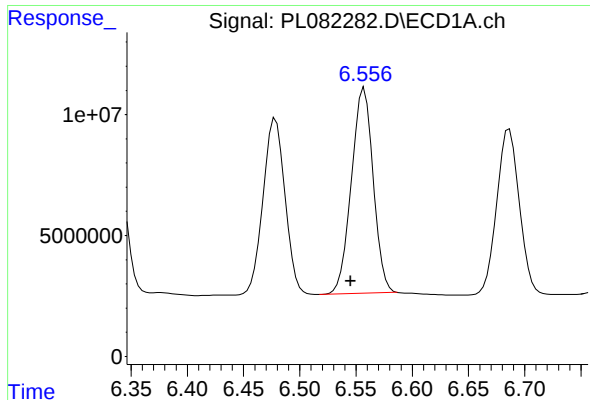
#14 Endrin

R.T.: 6.334 min
Delta R.T.: 0.011 min
Response: 115630650
Conc: 47.69 ng/ml



#14 Endrin

R.T.: 5.494 min
Delta R.T.: 0.004 min
Response: 110801775
Conc: 45.30 ng/ml



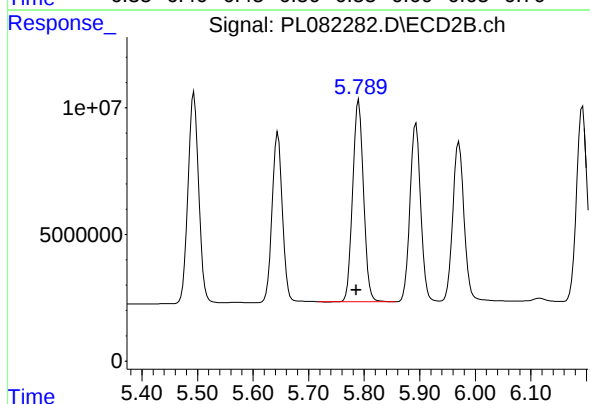
#15 Endosulfan II

R.T.: 6.557 min
Delta R.T.: 0.012 min
Response: 114394967
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152296BSD

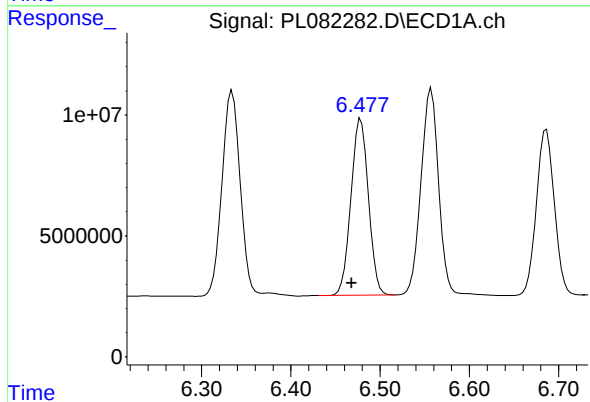
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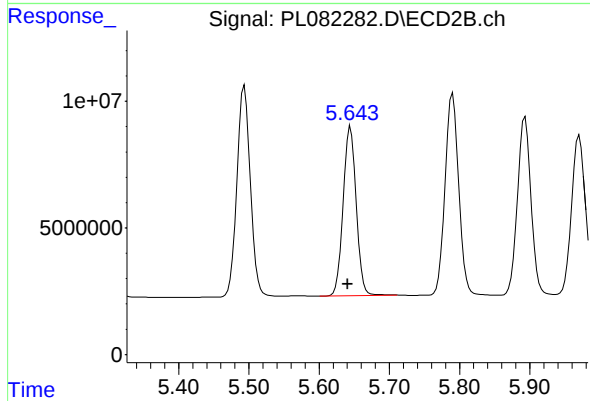
#15 Endosulfan II

R.T.: 5.790 min
Delta R.T.: 0.005 min
Response: 107771396
Conc: 47.81 ng/ml



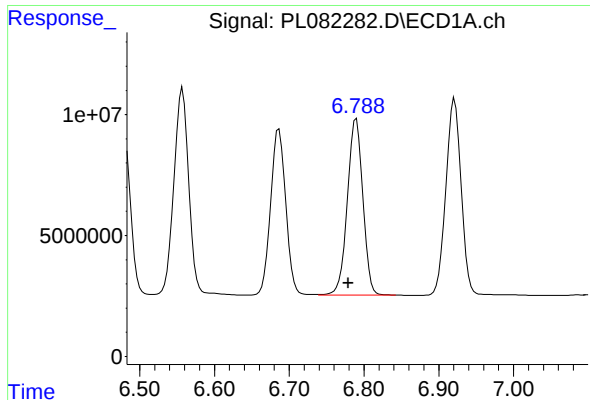
#16 4,4'-DDD

R.T.: 6.478 min
Delta R.T.: 0.010 min
Response: 99346052
Conc: 49.01 ng/ml



#16 4,4'-DDD

R.T.: 5.645 min
Delta R.T.: 0.004 min
Response: 86052373
Conc: 46.01 ng/ml



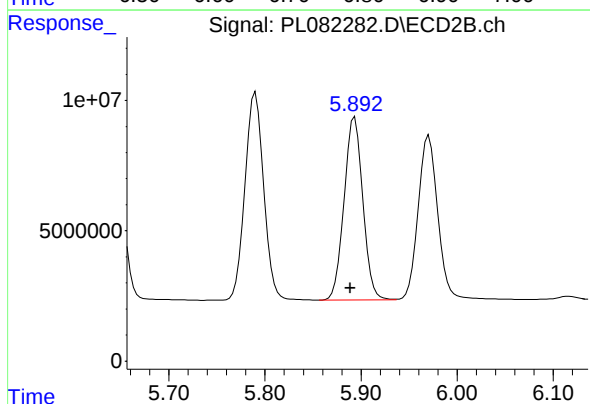
#17 4,4'-DDT

R.T.: 6.790 min
Delta R.T.: 0.011 min
Response: 104947564
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152296BSD

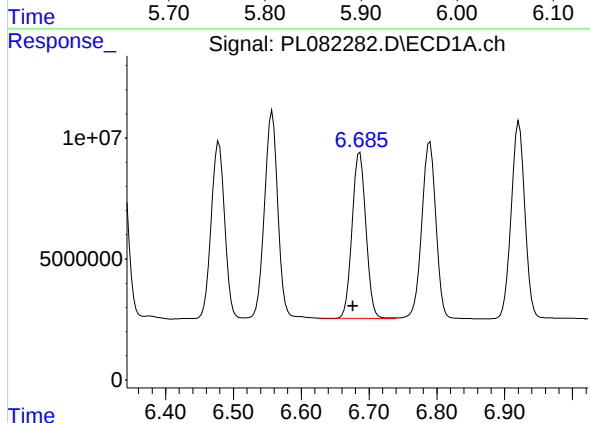
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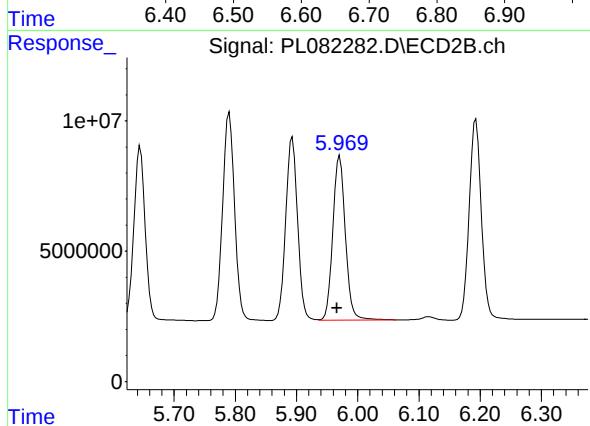
#17 4,4'-DDT

R.T.: 5.893 min
Delta R.T.: 0.004 min
Response: 94477508
Conc: 44.72 ng/ml



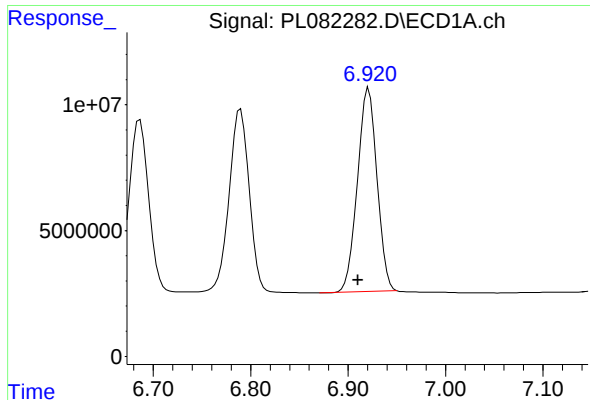
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: 0.010 min
Response: 96221279
Conc: 51.07 ng/ml



#18 Endrin aldehyde

R.T.: 5.971 min
Delta R.T.: 0.004 min
Response: 89653034
Conc: 47.91 ng/ml



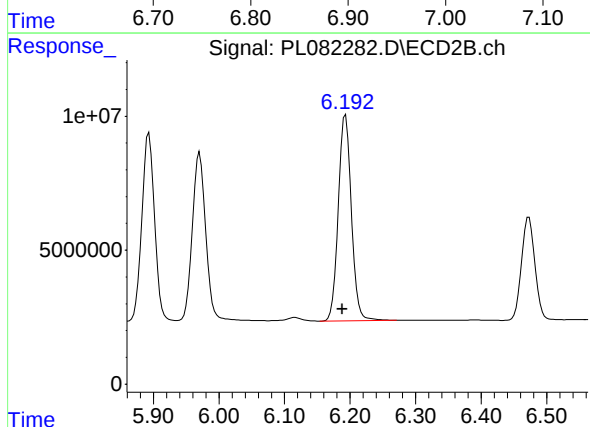
#19 Endosulfan Sulfate

R.T.: 6.921 min
Delta R.T.: 0.011 min
Response: 112957120
Conc: 47.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152296BSD

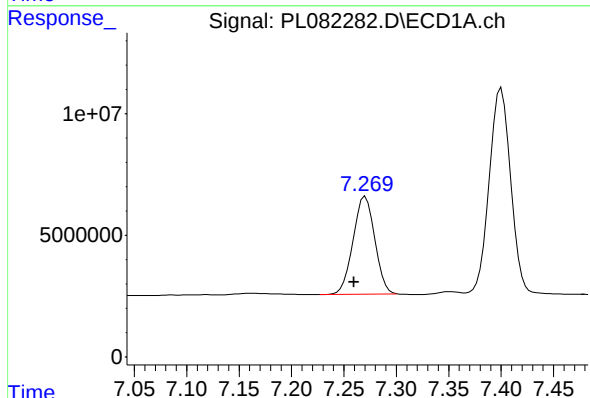
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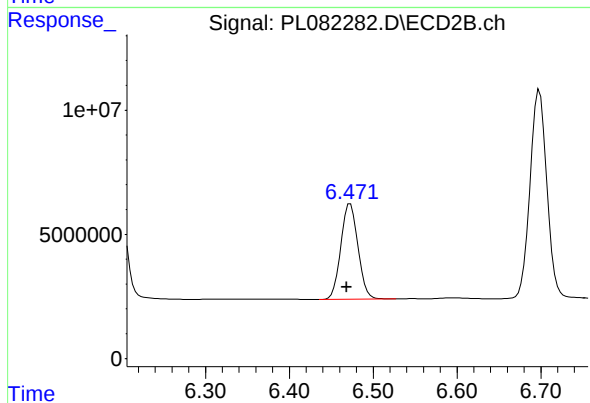
#19 Endosulfan Sulfate

R.T.: 6.193 min
Delta R.T.: 0.004 min
Response: 106640732
Conc: 45.30 ng/ml



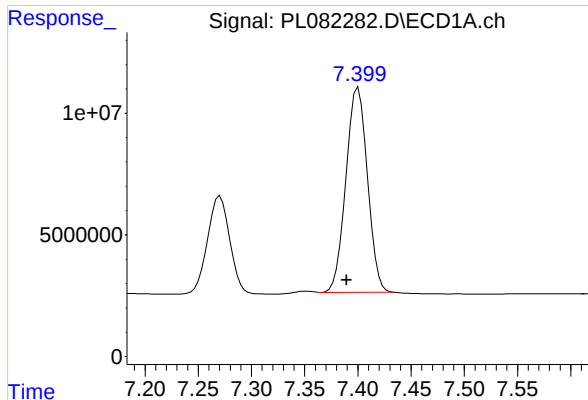
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: 0.011 min
Response: 58151820
Conc: 47.65 ng/ml



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: 0.005 min
Response: 54548951
Conc: 45.01 ng/ml



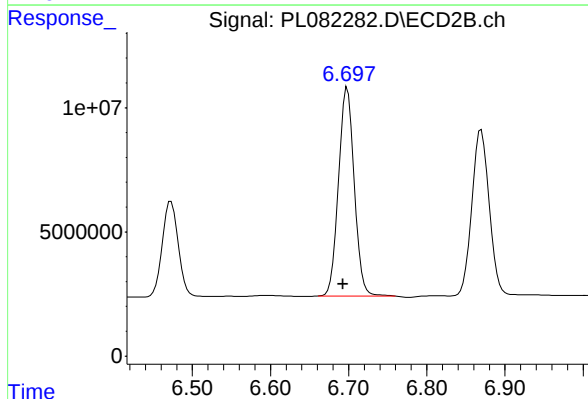
#21 Endrin ketone

R.T.: 7.399 min
Delta R.T.: 0.009 min
Response: 118371896
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152296BSD

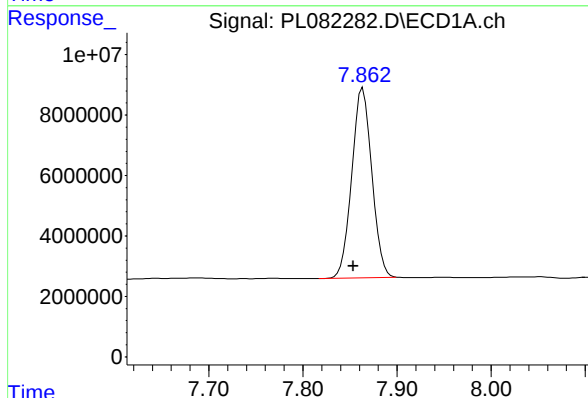
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



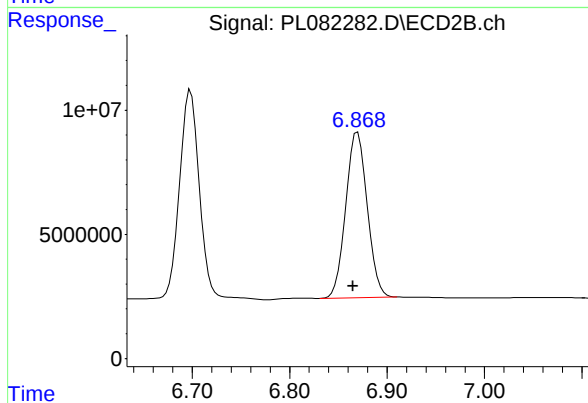
#21 Endrin ketone

R.T.: 6.698 min
Delta R.T.: 0.005 min
Response: 117814743
Conc: 46.42 ng/ml



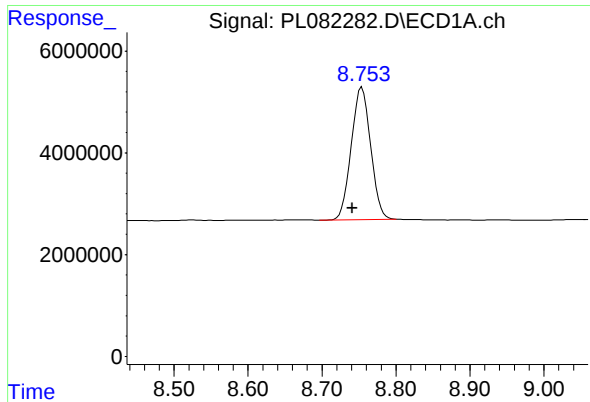
#22 Mirex

R.T.: 7.864 min
Delta R.T.: 0.010 min
Response: 93007177
Conc: 47.54 ng/ml



#22 Mirex

R.T.: 6.870 min
Delta R.T.: 0.005 min
Response: 102299513
Conc: 44.40 ng/ml



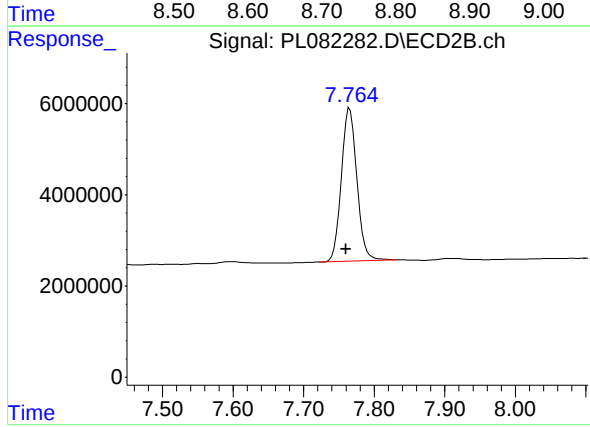
#28 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: 0.013 min
Response: 47376327
Conc: 24.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152296BSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.765 min
Delta R.T.: 0.005 min
Response: 51292524
Conc: 22.47 ng/ml