

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052323\
 Data File : PL082923.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2023 11:37
 Operator : AR\AJ
 Sample : 02747-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-03-10-12-20230510MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/24/2023
 Supervised By :Ankita Jodhani 05/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 21:12:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.316	2.637	44898144	39069890	15.277	15.050
28)	SA Decachlor...	8.730	7.741	32540979	39656559	15.515	15.948
Target Compounds							
2)	A alpha-BHC	3.765	3.133	169.7E6	141.9E6	38.231	38.030
3)	MA gamma-BHC...	4.093	3.460	165.1E6	139.6E6	39.850	41.891
4)	MA Heptachlor	4.670	3.791	148.6E6	138.9E6	38.866	37.952
5)	MB Aldrin	5.008	4.067	145.0E6	133.8E6	41.225	41.127
6)	B beta-BHC	4.297	3.760	70901026	57094406	37.659	39.924
7)	B delta-BHC	4.538	3.985	154.1E6	128.0E6	44.804	39.059
8)	B Heptachlo...	5.433	4.568	132.4E6	121.4E6	41.399	40.889
9)	A Endosulfan I	5.814	4.935	123.5E6	107.0E6	41.149	38.308
10)	B gamma-Chl...	5.687	4.817	129.9E6	120.4E6	40.901m	40.091
11)	B alpha-Chl...	5.766	4.879	133.8E6	121.5E6	41.681	40.469
12)	B 4,4'-DDE	5.944	5.070	111.5E6	107.2E6	40.463	44.145
13)	MA Dieldrin	6.088	5.198	124.5E6	118.5E6	41.407	41.983
14)	MA Endrin	6.315	5.472	104.6E6	104.1E6	38.917	41.044
15)	B Endosulfa...	6.538	5.769	102.9E6	104.9E6	37.892	42.378
16)	A 4,4'-DDD	6.460	5.624	94209610	84639588	43.353	44.009
17)	MA 4,4'-DDT	6.771	5.872	93170723	89864951	37.221	40.280
18)	B Endrin al...	6.666	5.949	90223607	87036250	44.873m	44.014
19)	B Endosulfa...	6.902	6.171	104.0E6	100.0E6	40.584	40.844
20)	A Methoxychlor	7.251	6.451	52168240	52028896	39.450	40.911
21)	B Endrin ke...	7.381	6.675	113.0E6	116.9E6	44.297	43.231
22)	Mirex	7.845	6.846	84168249	97282405	40.156	41.577

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

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 Operator : AR\AJ
 Sample : 02747-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

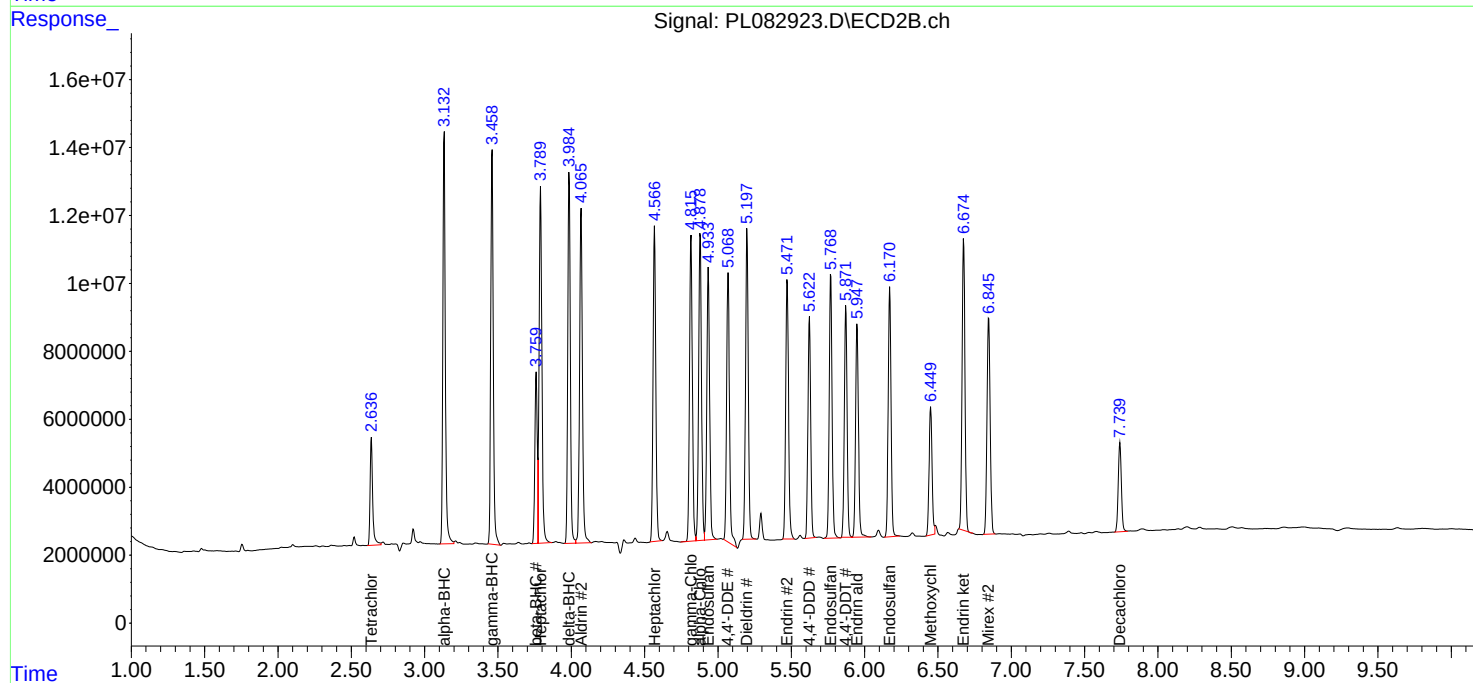
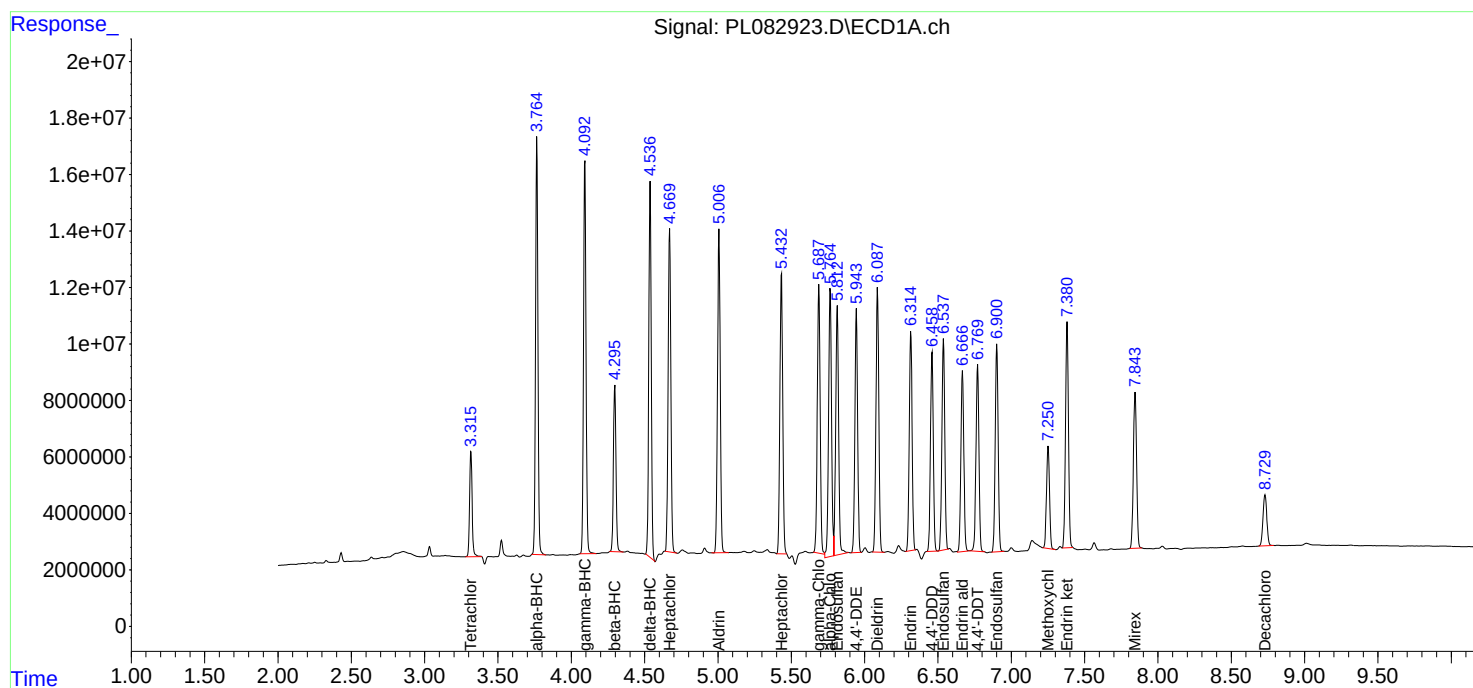
Instrument :
 ECD_L
 ClientSampleId :
 SB-03-10-12-20230510MSD

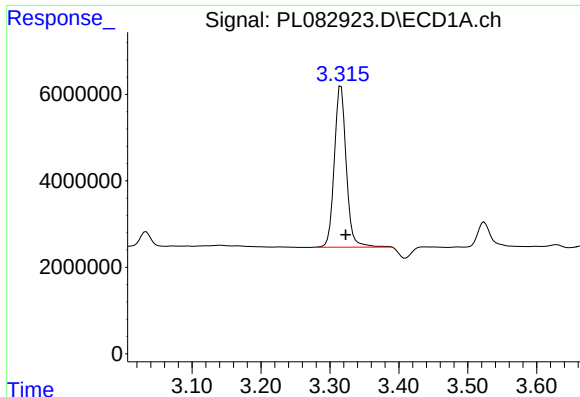
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 05/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 21:12:47 2023
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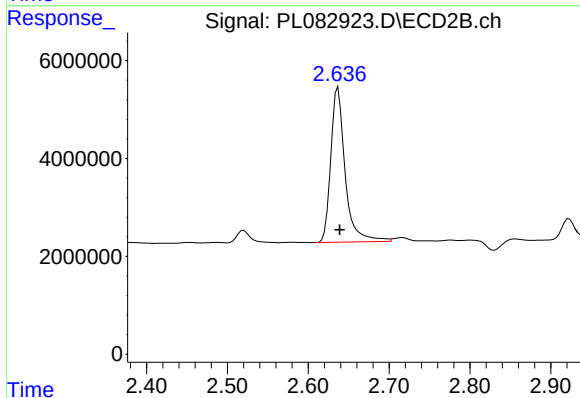
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 44898144
Conc: 15.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

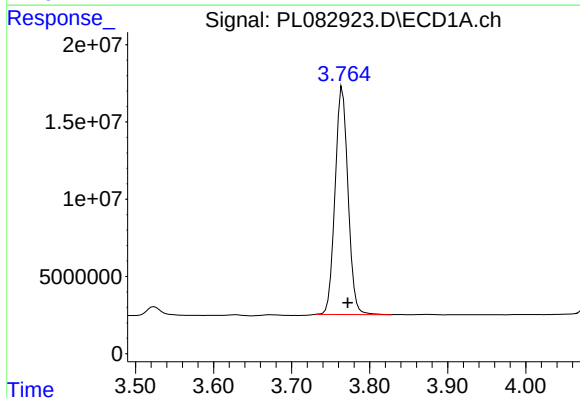
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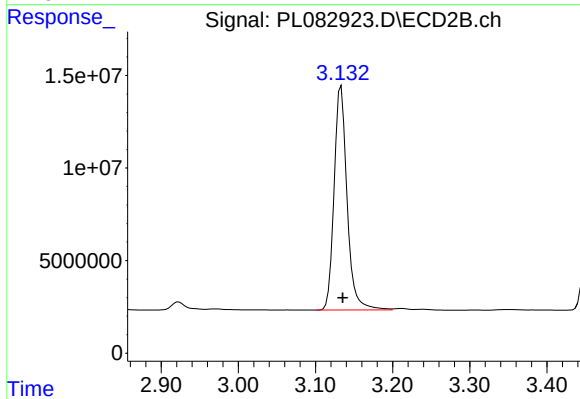
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: -0.002 min
Response: 39069890
Conc: 15.05 ng/ml



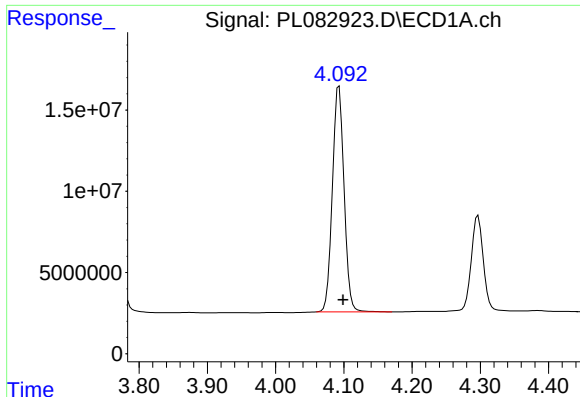
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: -0.007 min
Response: 169718538
Conc: 38.23 ng/ml



#2 alpha-BHC

R.T.: 3.133 min
Delta R.T.: -0.002 min
Response: 141906182
Conc: 38.03 ng/ml



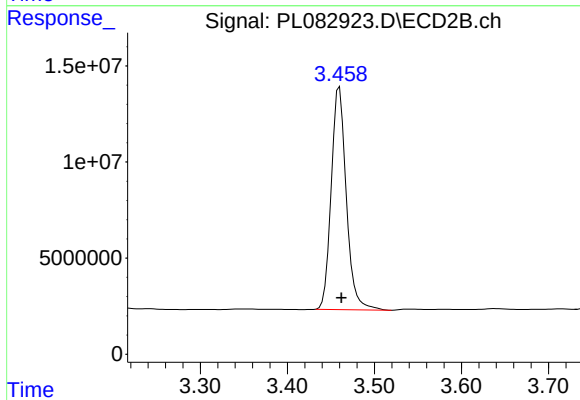
#3 gamma-BHC (Lindane)

R.T.: 4.093 min
Delta R.T.: -0.006 min
Response: 165096007
Conc: 39.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

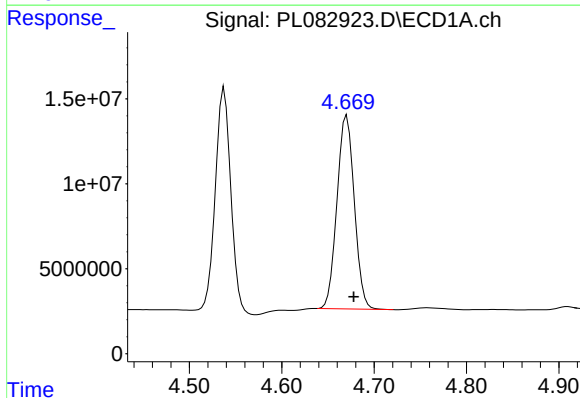
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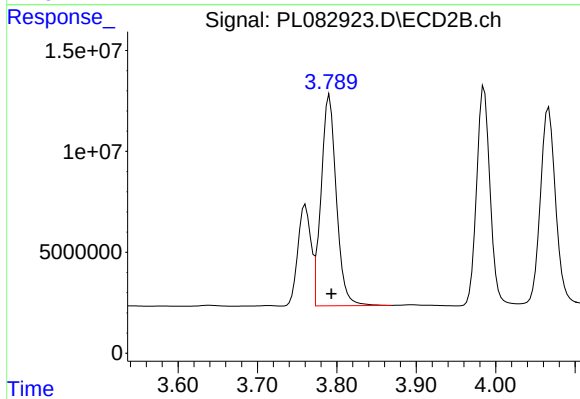
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: -0.002 min
Response: 139636761
Conc: 41.89 ng/ml



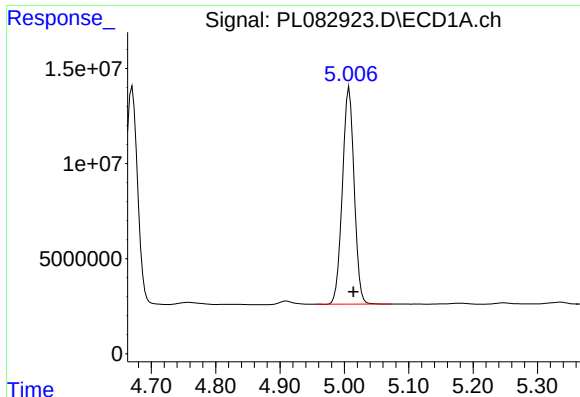
#4 Heptachlor

R.T.: 4.670 min
Delta R.T.: -0.008 min
Response: 148564883
Conc: 38.87 ng/ml



#4 Heptachlor

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 138945719
Conc: 37.95 ng/ml



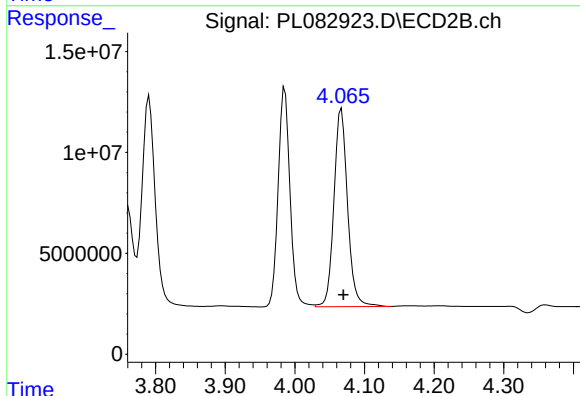
#5 Aldrin

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 145034188
Conc: 41.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

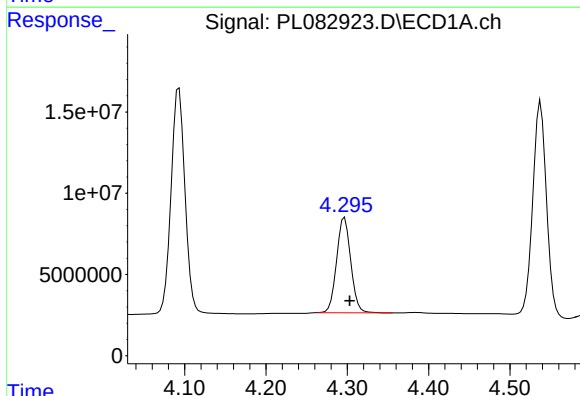
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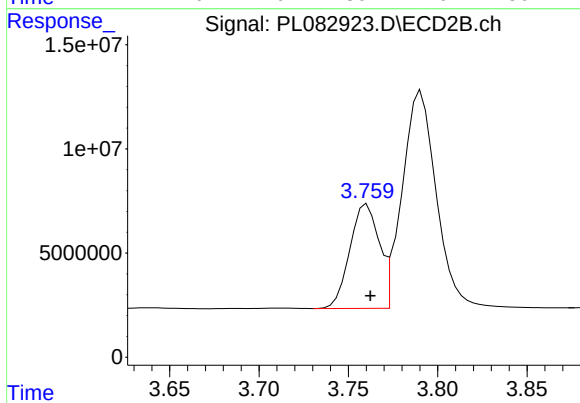
#5 Aldrin

R.T.: 4.067 min
Delta R.T.: -0.003 min
Response: 133811861
Conc: 41.13 ng/ml



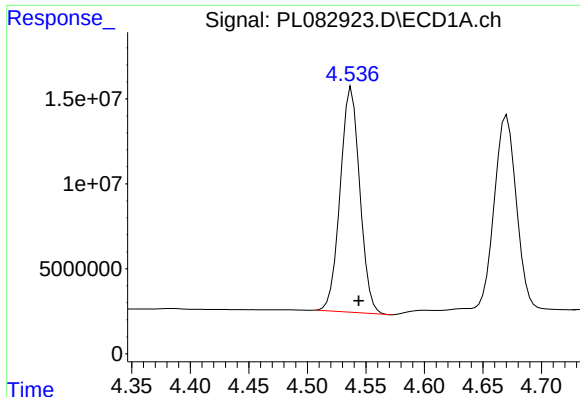
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 70901026
Conc: 37.66 ng/ml



#6 beta-BHC

R.T.: 3.760 min
Delta R.T.: -0.002 min
Response: 57094406
Conc: 39.92 ng/ml



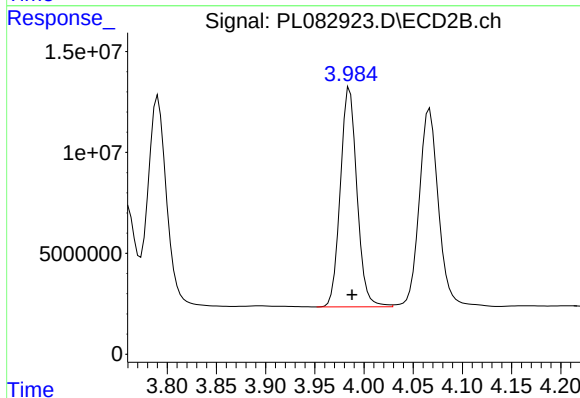
#7 delta-BHC

R.T.: 4.538 min
Delta R.T.: -0.006 min
Response: 154075375
Conc: 44.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

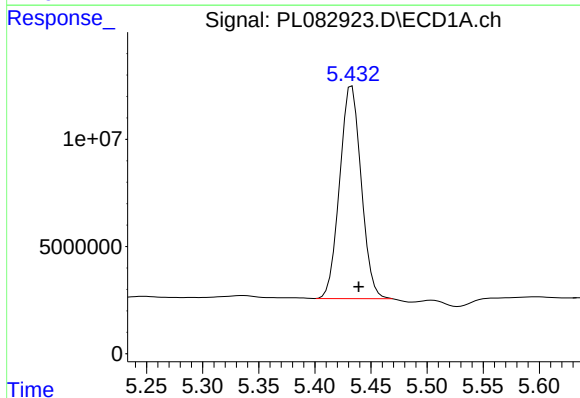
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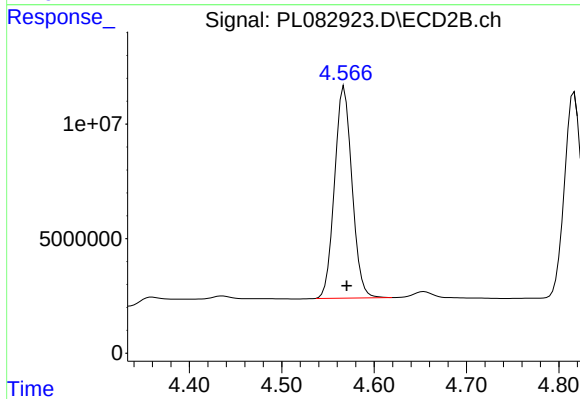
#7 delta-BHC

R.T.: 3.985 min
Delta R.T.: -0.002 min
Response: 127973740
Conc: 39.06 ng/ml



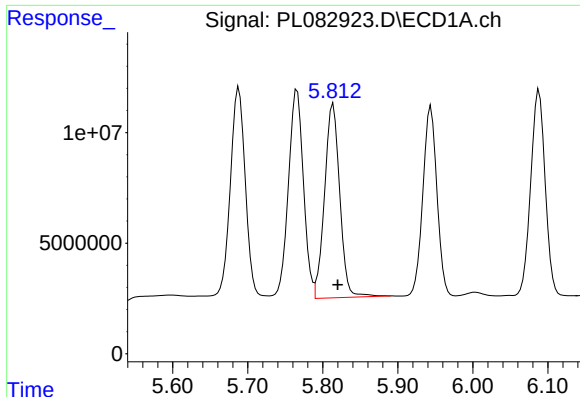
#8 Heptachlor epoxide

R.T.: 5.433 min
Delta R.T.: -0.006 min
Response: 132424862
Conc: 41.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 121353887
Conc: 40.89 ng/ml



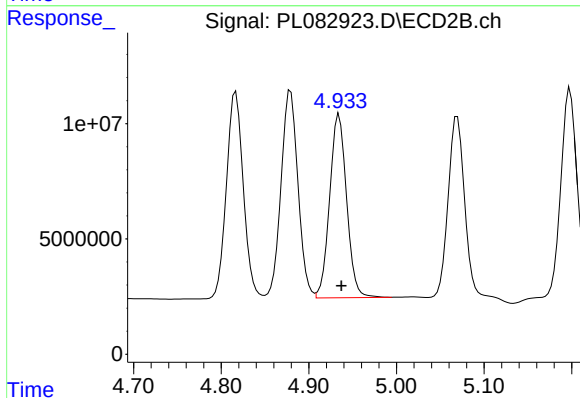
#9 Endosulfan I

R.T.: 5.814 min
Delta R.T.: -0.006 min
Response: 123472191
Conc: 41.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

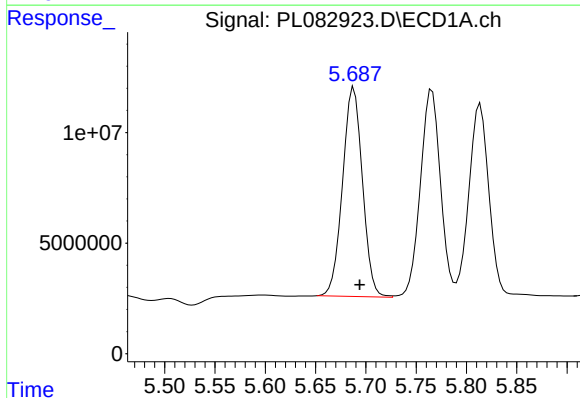
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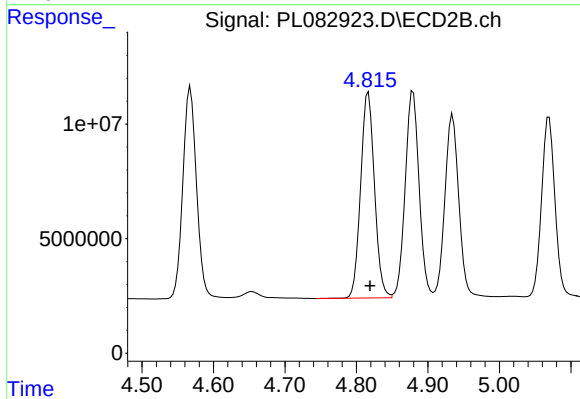
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: -0.003 min
Response: 107046769
Conc: 38.31 ng/ml



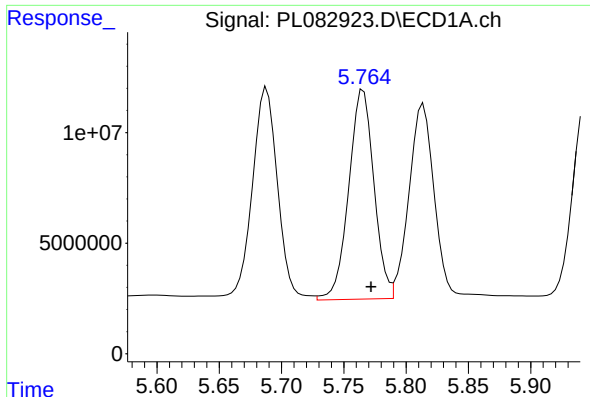
#10 gamma-Chlordane

R.T.: 5.687 min
Delta R.T.: -0.007 min
Response: 129940408
Conc: 40.90 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 120408269
Conc: 40.09 ng/ml



#11 alpha-Chlordane

R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 133767761
Conc: 41.68 ng/ml

Instrument :

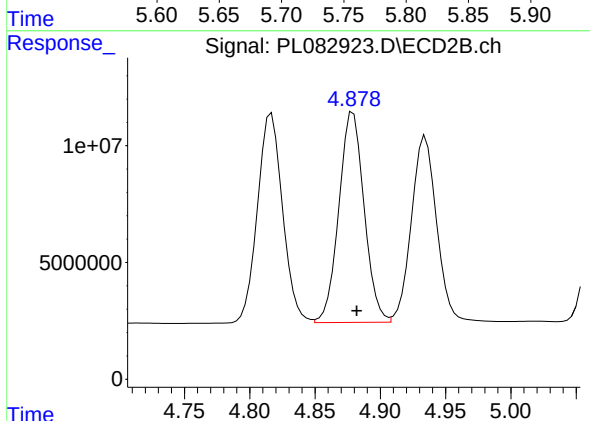
ECD_L

ClientSampleId :

SB-03-10-12-20230510MSD

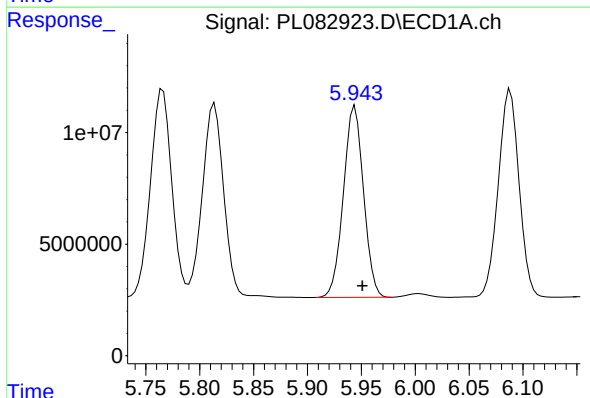
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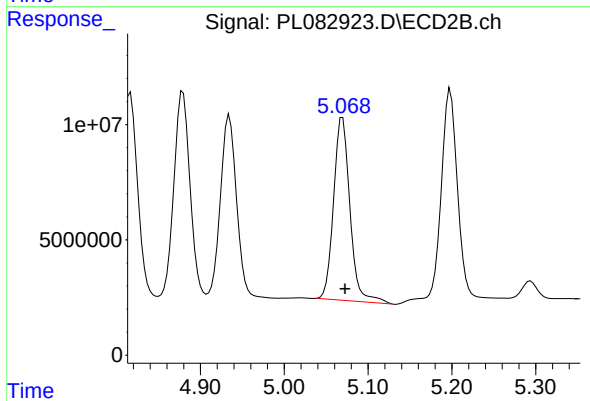
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.003 min
Response: 121485674
Conc: 40.47 ng/ml



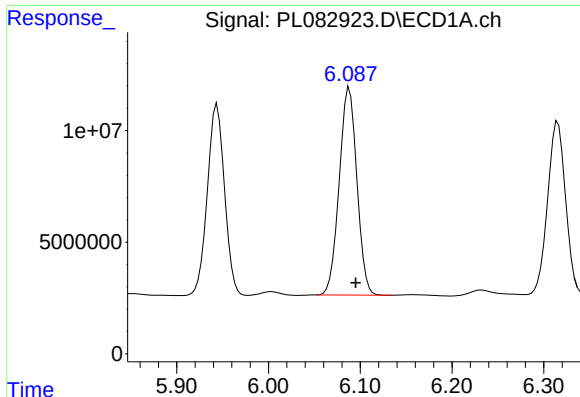
#12 4,4'-DDE

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 111535627
Conc: 40.46 ng/ml



#12 4,4'-DDE

R.T.: 5.070 min
Delta R.T.: -0.003 min
Response: 107217916
Conc: 44.15 ng/ml



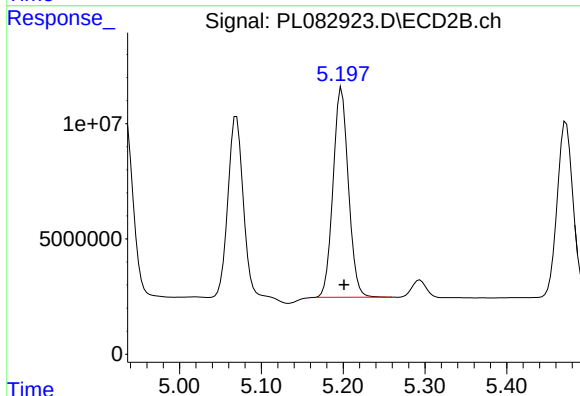
#13 Dieldrin

R.T.: 6.088 min
Delta R.T.: -0.007 min
Response: 124546643
Conc: 41.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

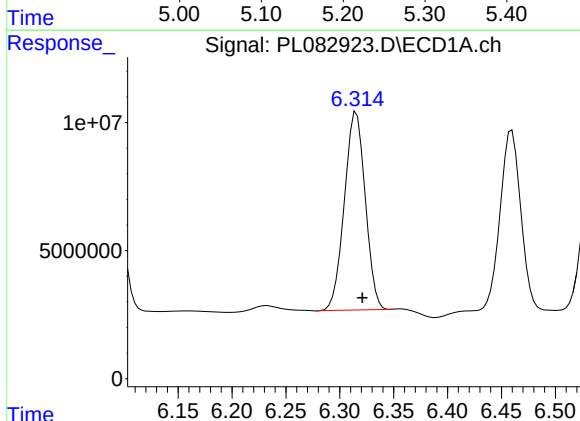
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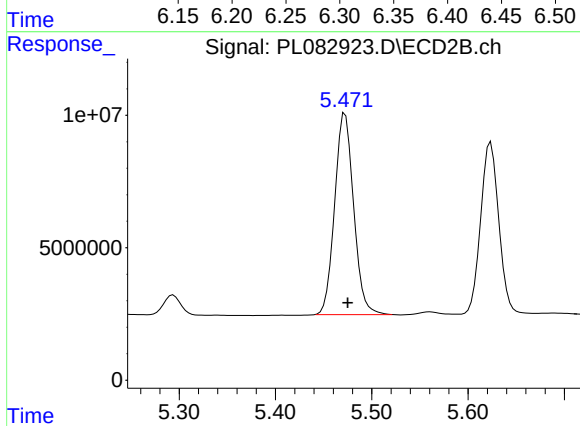
#13 Dieldrin

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 118514502
Conc: 41.98 ng/ml



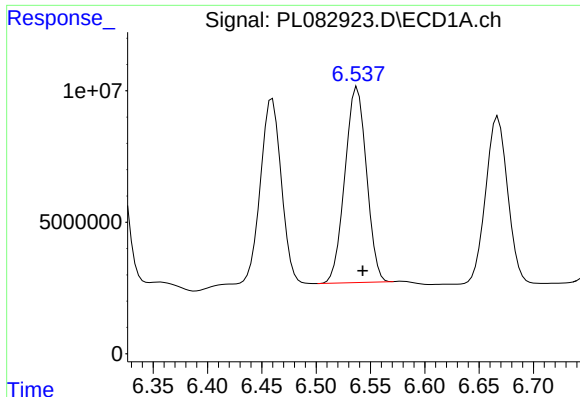
#14 Endrin

R.T.: 6.315 min
Delta R.T.: -0.006 min
Response: 104580787
Conc: 38.92 ng/ml



#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 104125945
Conc: 41.04 ng/ml



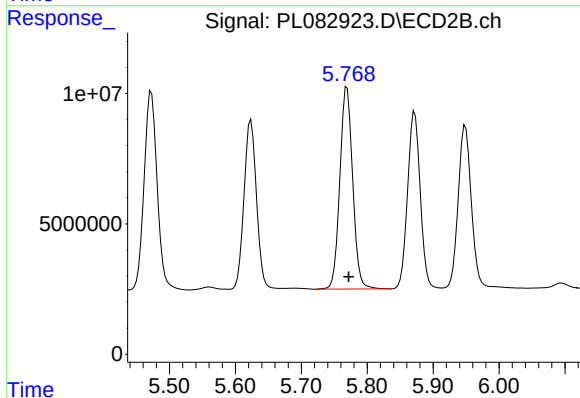
#15 Endosulfan II

R.T.: 6.538 min
Delta R.T.: -0.005 min
Response: 102933012
Conc: 37.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
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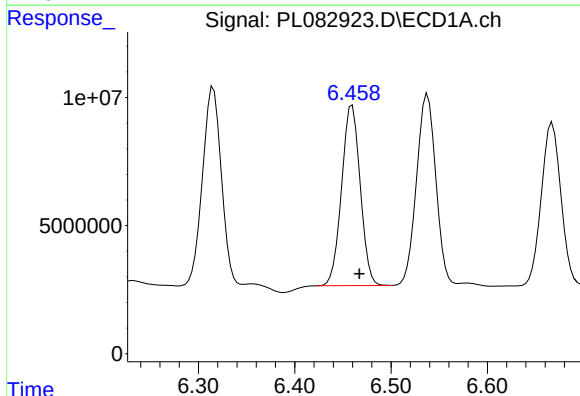
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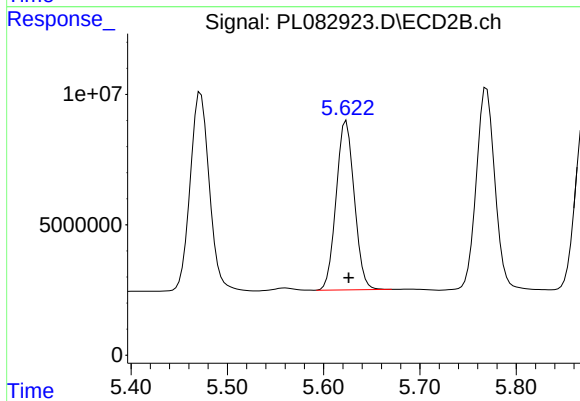
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 104850980
Conc: 42.38 ng/ml



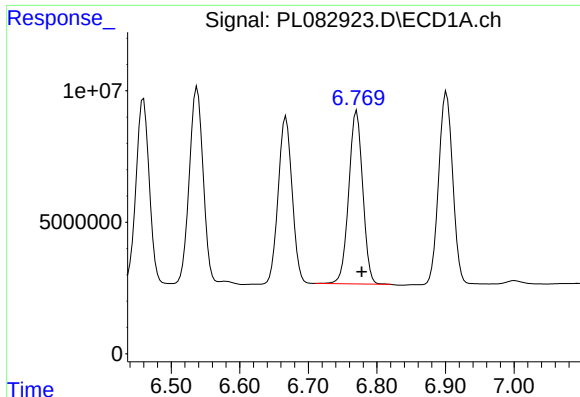
#16 4,4'-DDD

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 94209610
Conc: 43.35 ng/ml



#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: -0.003 min
Response: 84639588
Conc: 44.01 ng/ml



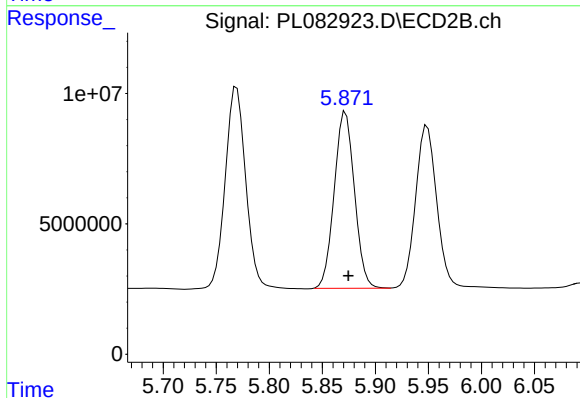
#17 4,4'-DDT

R.T.: 6.771 min
Delta R.T.: -0.007 min
Response: 93170723
Conc: 37.22 ng/ml

Instrument :
ECD_L
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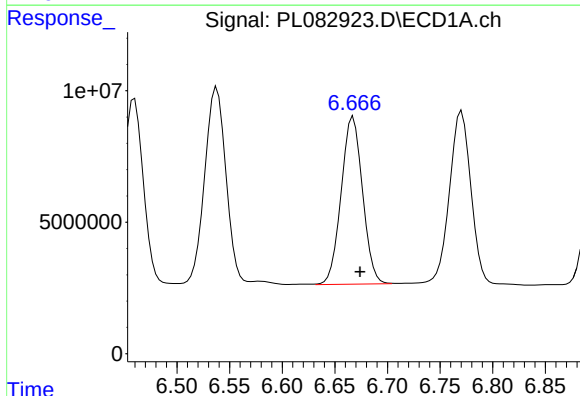
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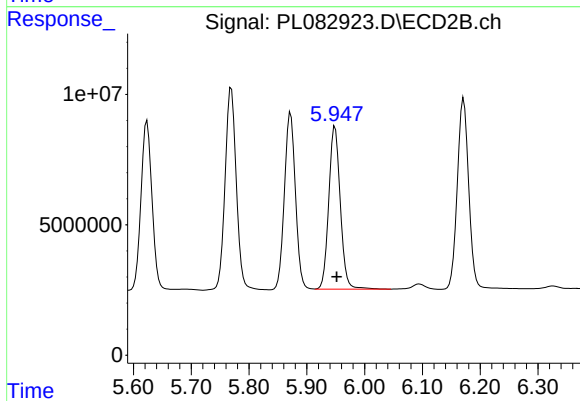
#17 4,4'-DDT

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 89864951
Conc: 40.28 ng/ml



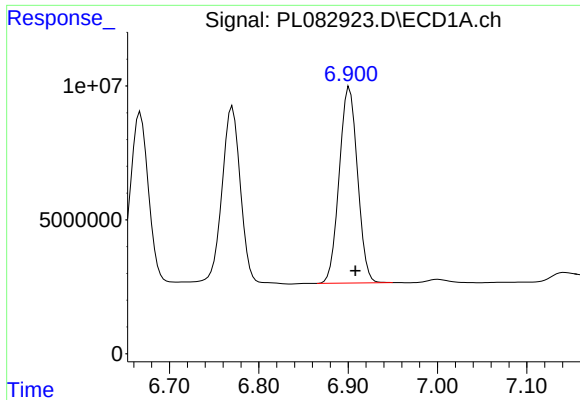
#18 Endrin aldehyde

R.T.: 6.666 min
Delta R.T.: -0.008 min
Response: 90223607
Conc: 44.87 ng/ml m



#18 Endrin aldehyde

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 87036250
Conc: 44.01 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.902 min
Delta R.T.: -0.006 min
Response: 104045180
Conc: 40.58 ng/ml

Instrument :

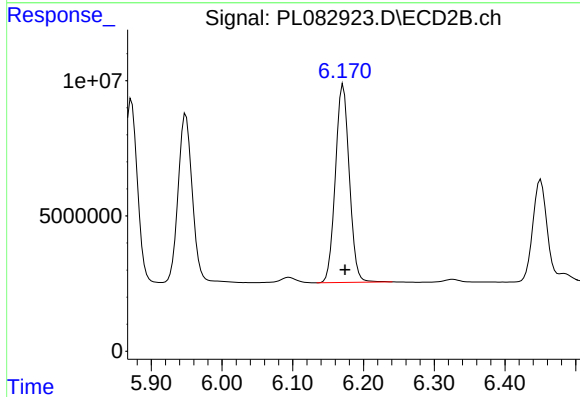
ECD_L

ClientSampleId :

SB-03-10-12-20230510MSD

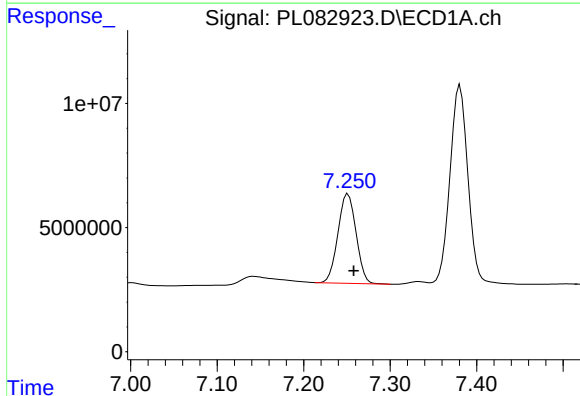
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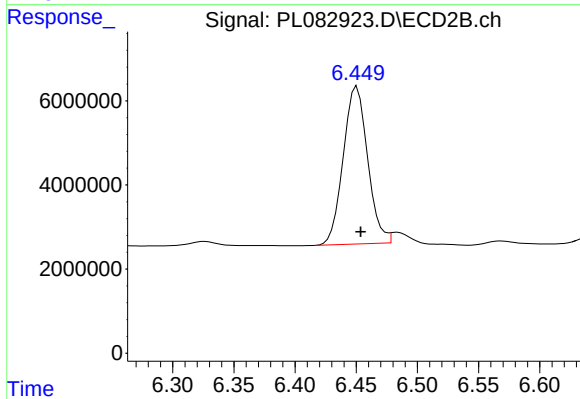
#19 Endosulfan Sulfate

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 100027280
Conc: 40.84 ng/ml



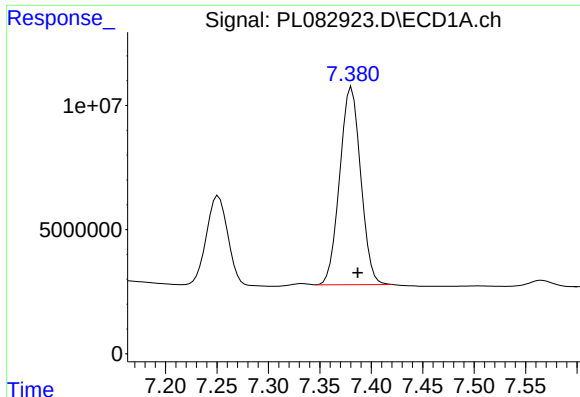
#20 Methoxychlor

R.T.: 7.251 min
Delta R.T.: -0.007 min
Response: 52168240
Conc: 39.45 ng/ml



#20 Methoxychlor

R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 52028896
Conc: 40.91 ng/ml



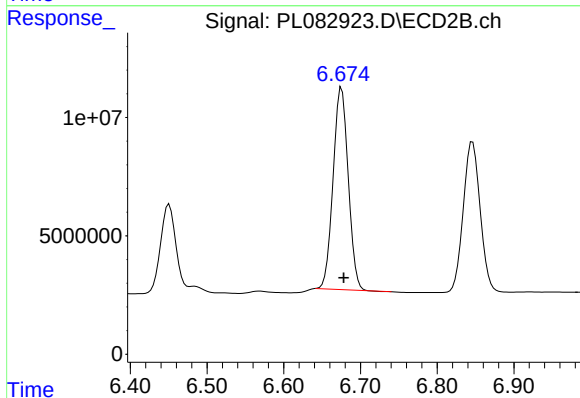
#21 Endrin ketone

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 112992746
Conc: 44.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

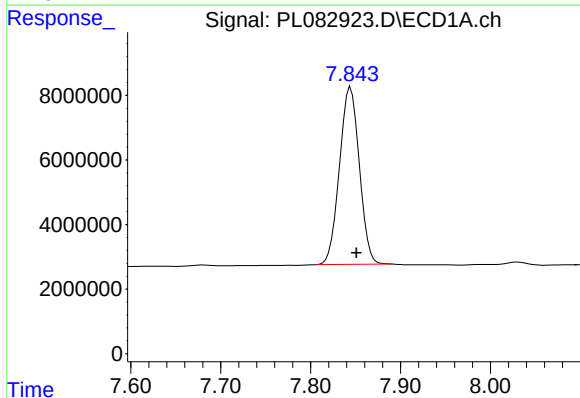
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/24/2023
Supervised By :Ankita Jodhani 05/24/2023



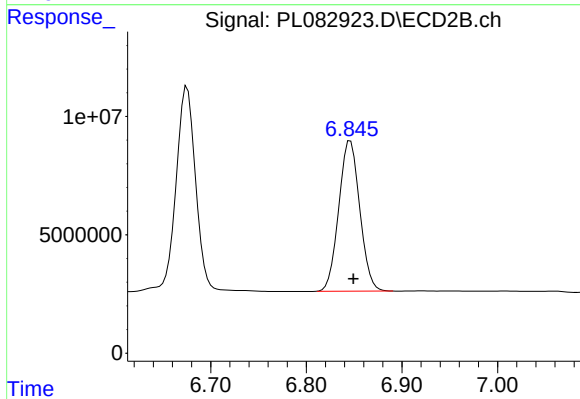
#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 116889745
Conc: 43.23 ng/ml



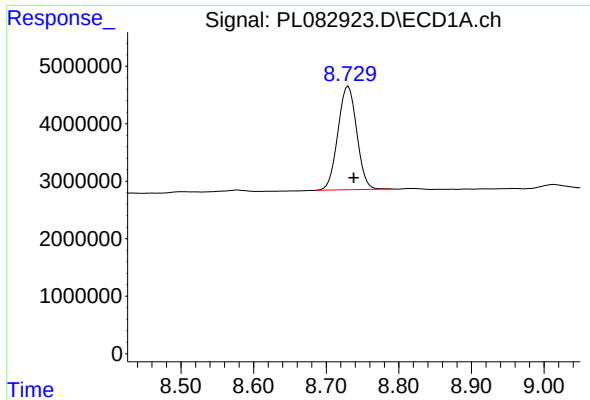
#22 Mirex

R.T.: 7.845 min
Delta R.T.: -0.006 min
Response: 84168249
Conc: 40.16 ng/ml



#22 Mirex

R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 97282405
Conc: 41.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: -0.008 min
Response: 32540979
Conc: 15.52 ng/ml

Instrument :

ECD_L

ClientSampleId :

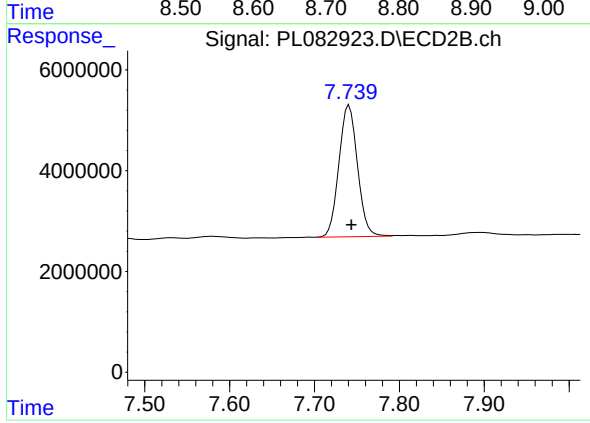
SB-03-10-12-20230510MSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.741 min
Delta R.T.: -0.003 min
Response: 39656559
Conc: 15.95 ng/ml