

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
 Data File : PL087290.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2023 16:46
 Operator : AR\AJ
 Sample : 05897-03MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GHL-SS-37aMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/21/2023
 Supervised By : Ankita Jodhani 12/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 20:45:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.423	2.678	51199309	20695643	13.604	12.295
28)	SA Decachlor...	8.981	7.869	39044289	18489885	11.450	10.948
Target Compounds							
2)	A alpha-BHC	3.878	3.182	209.5E6	86842051	38.698m	35.336m
3)	MA gamma-BHC...	4.213	3.514	195.7E6	81893944	37.233	33.807
4)	MA Heptachlor	4.804	3.856	205.4E6	83852022	38.553m	35.080
5)	MB Aldrin	5.148	4.137	191.1E6	82022289	36.702	34.208
6)	B beta-BHC	4.412	3.815	88845379	35422483	38.682	34.028
7)	B delta-BHC	4.657	4.044	190.8E6	80453297	36.479m	32.889
8)	B Heptachlo...	5.579	4.644	172.3E6	74798790	36.558	33.613
9)	A Endosulfan I	5.965	5.016	163.2E6	81033306	36.538	37.495
10)	B gamma-Chl...	5.837	4.898	203.2E6	77007079	41.923	33.667
11)	B alpha-Chl...	5.917	4.962	174.8E6	75773849	36.360	32.831
12)	B 4,4'-DDE	6.098	5.161	149.9E6	66398282	36.164	33.441
13)	MA Dieldrin	6.243	5.283	164.8E6	72545299	35.509	32.564
14)	MA Endrin	6.473	5.559	139.0E6	66548631	36.132	33.347
15)	B Endosulfa...	6.694	5.856	133.0E6	61242308	33.161	31.454
16)	A 4,4'-DDD	6.618	5.719	122.1E6	55553928	36.935	33.552
17)	MA 4,4'-DDT	6.936	5.971	133.8E6	60321895	35.592	32.707
18)	B Endrin al...	6.825	6.038	105.9E6	50002440	36.549m	34.070
19)	B Endosulfa...	7.063	6.263	127.0E6	62455697	32.334	33.154
20)	A Methoxychlor	7.421	6.558	68472879	33866214	35.116	33.157
21)	B Endrin ke...	7.548	6.768	142.1E6	71993821	34.918m	33.821
22)	Mirex	8.026	6.949	116.4E6	57665628	34.546	32.412m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
Data File : PL087290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2023 16:46
Operator : AR\AJ
Sample : 05897-03MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

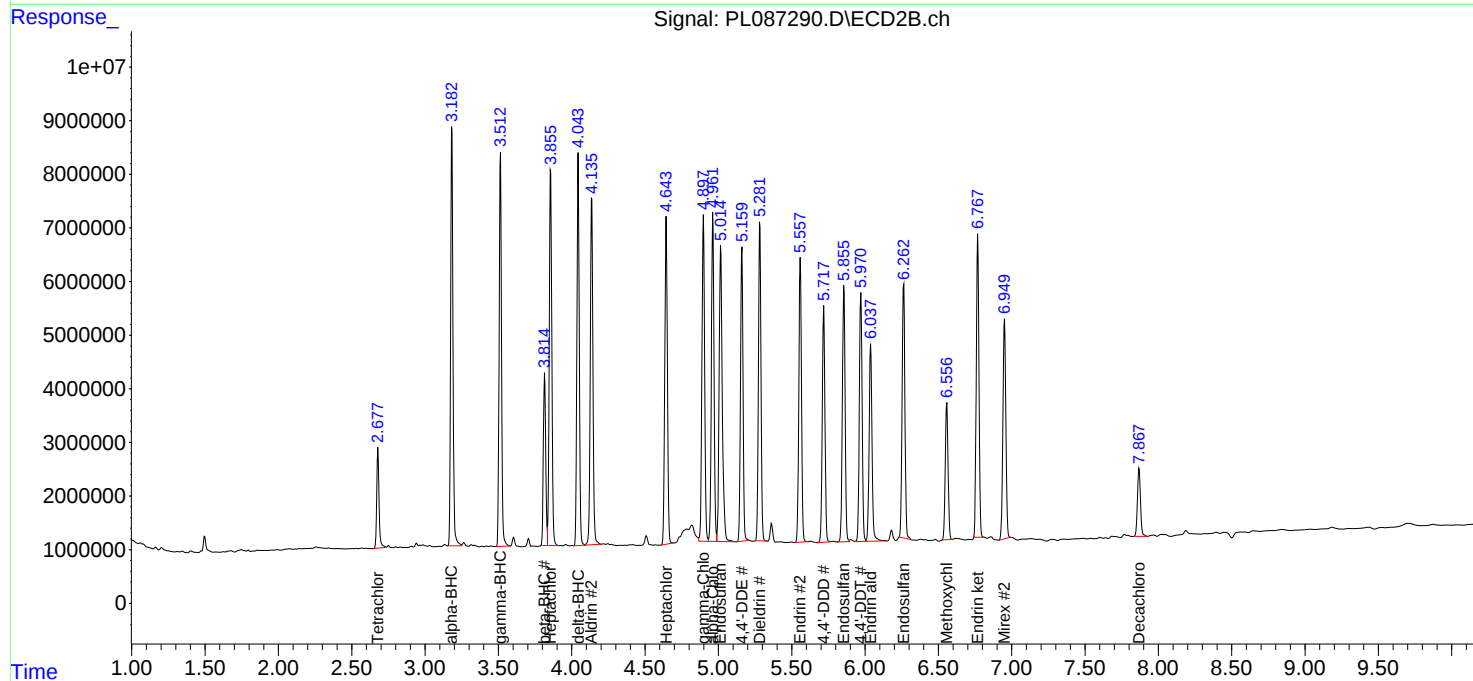
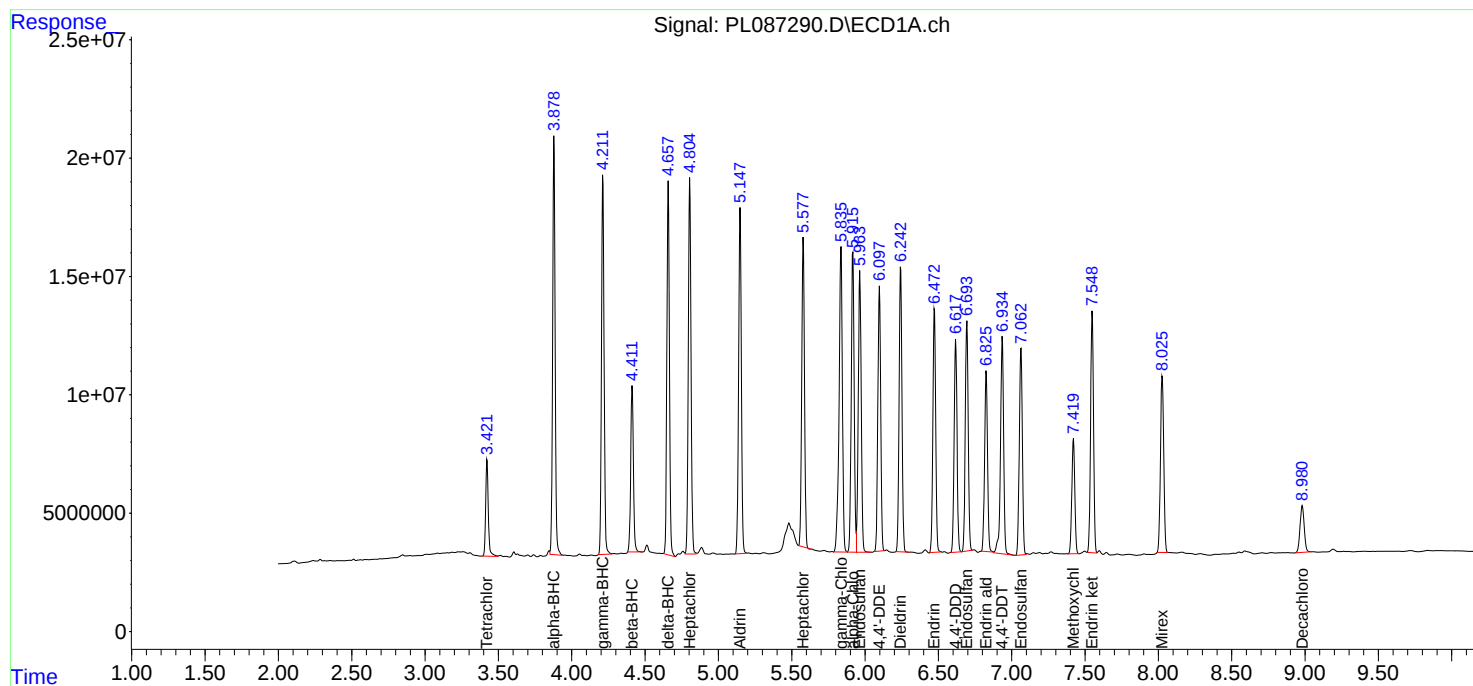
Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMS

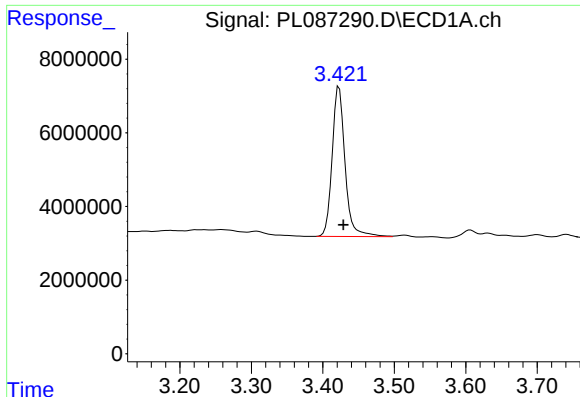
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 20 20:45:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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





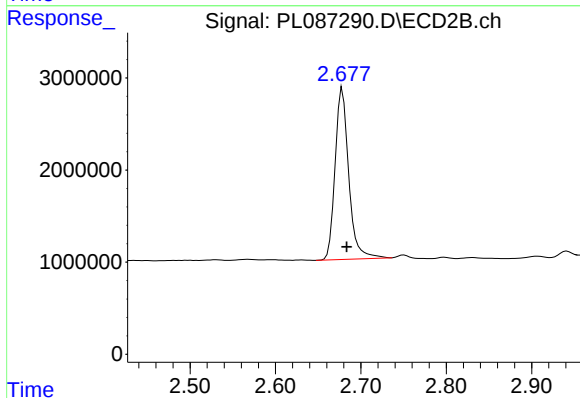
#1 Tetrachloro-m-xylene

R.T.: 3.423 min
Delta R.T.: -0.006 min
Response: 51199309
Conc: 13.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMS

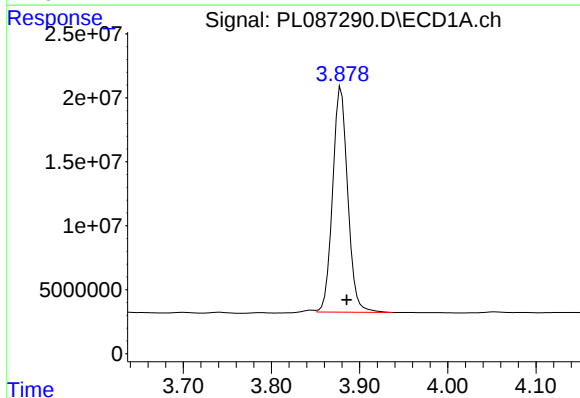
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



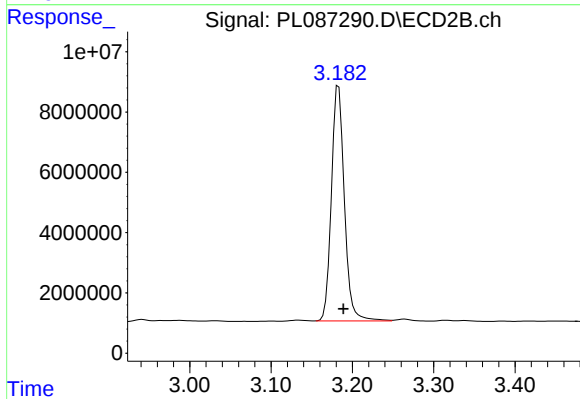
#1 Tetrachloro-m-xylene

R.T.: 2.678 min
Delta R.T.: -0.005 min
Response: 20695643
Conc: 12.29 ng/ml



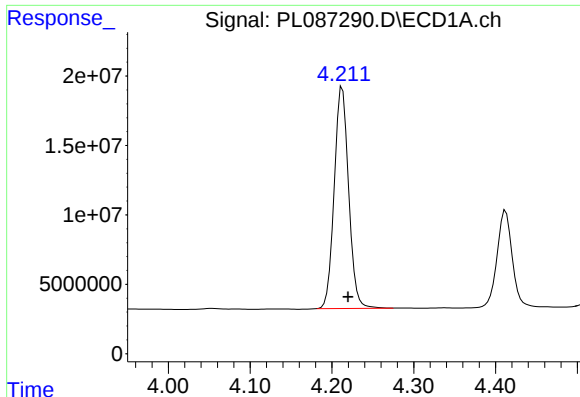
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.008 min
Response: 209516968
Conc: 38.70 ng/ml m



#2 alpha-BHC

R.T.: 3.182 min
Delta R.T.: -0.007 min
Response: 86842051
Conc: 35.34 ng/ml m



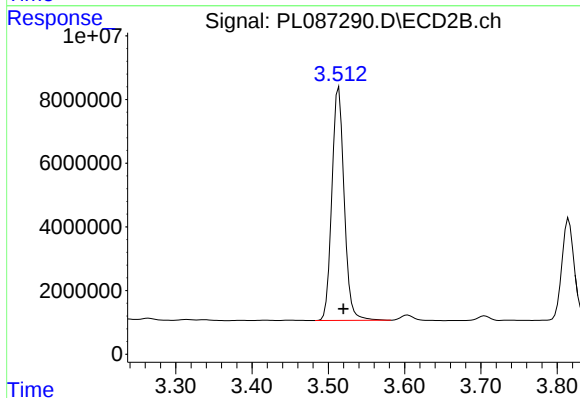
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: -0.007 min
Response: 195684777
Conc: 37.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMS

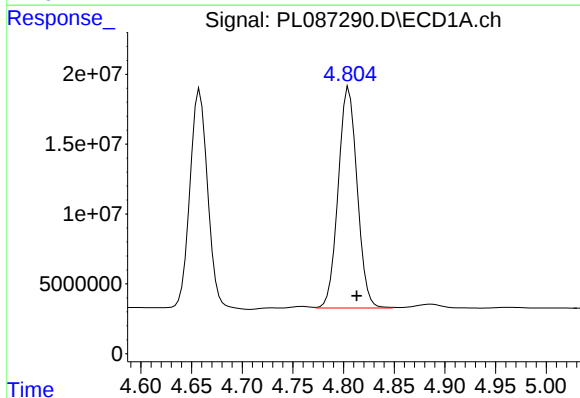
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



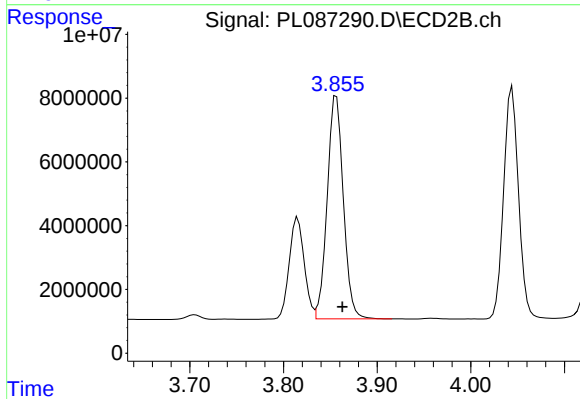
#3 gamma-BHC (Lindane)

R.T.: 3.514 min
Delta R.T.: -0.006 min
Response: 81893944
Conc: 33.81 ng/ml



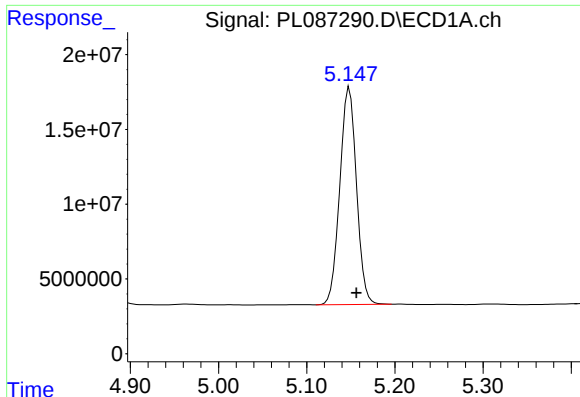
#4 Heptachlor

R.T.: 4.804 min
Delta R.T.: -0.009 min
Response: 205357861
Conc: 38.55 ng/ml m



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.007 min
Response: 83852022
Conc: 35.08 ng/ml



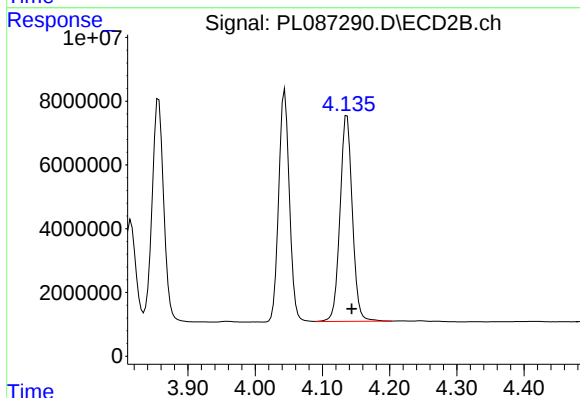
#5 Aldrin

R.T.: 5.148 min
Delta R.T.: -0.008 min
Response: 191087485
Conc: 36.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMS

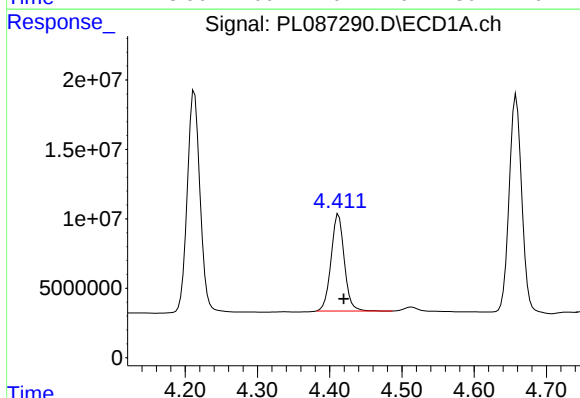
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



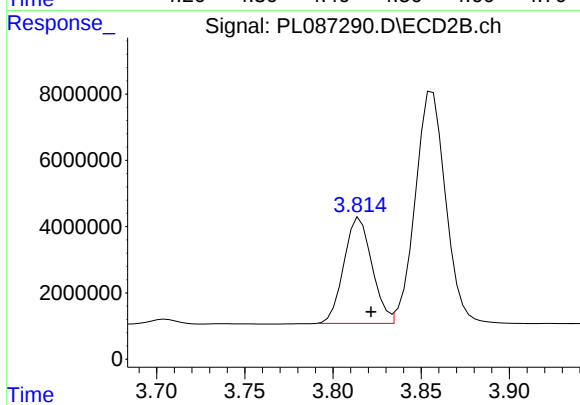
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.007 min
Response: 82022289
Conc: 34.21 ng/ml



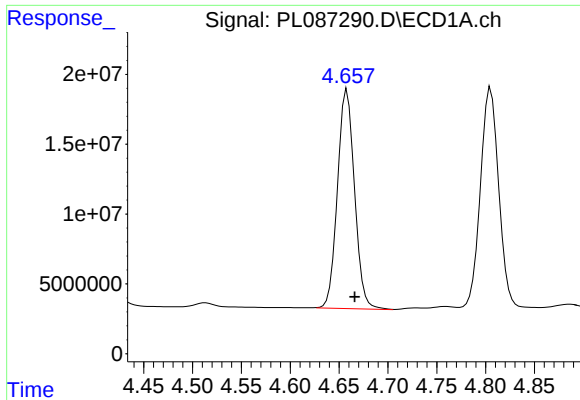
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.007 min
Response: 88845379
Conc: 38.68 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.006 min
Response: 35422483
Conc: 34.03 ng/ml



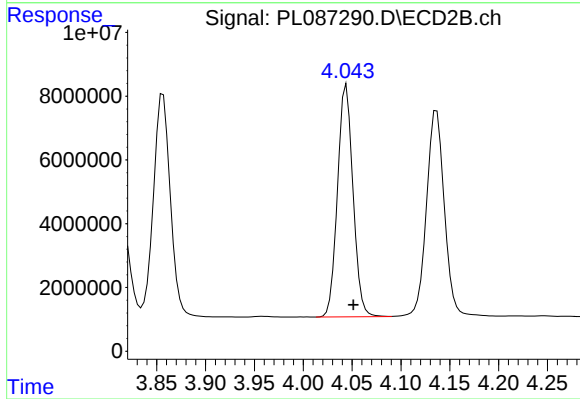
#7 delta-BHC

R.T.: 4.657 min
Delta R.T.: -0.009 min
Response: 190761782
Conc: 36.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMS

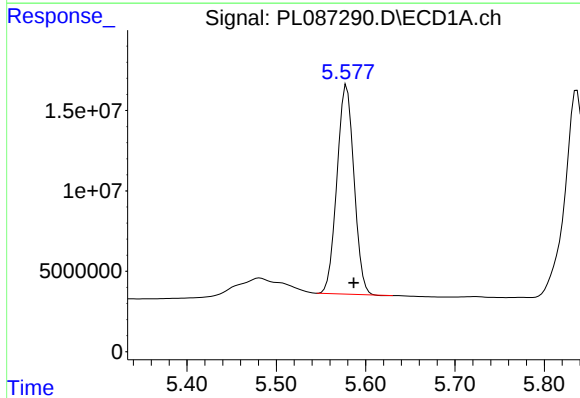
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



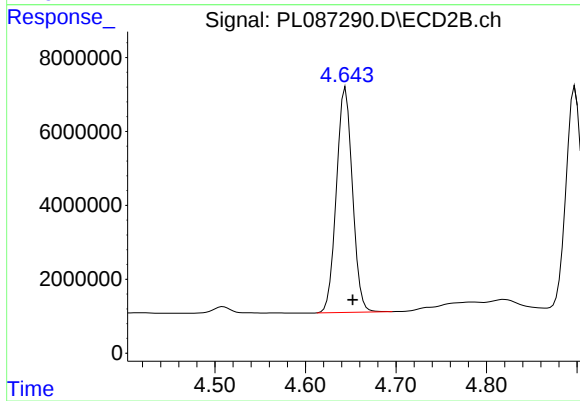
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.007 min
Response: 80453297
Conc: 32.89 ng/ml



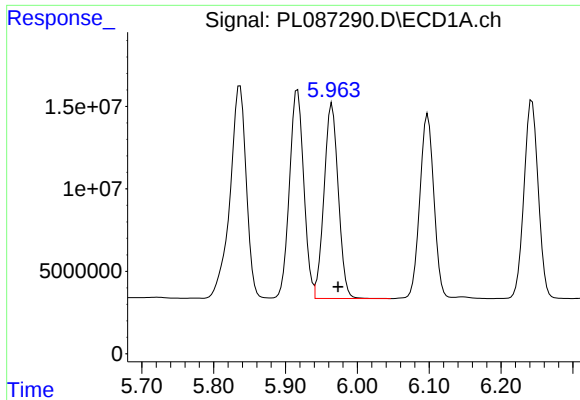
#8 Heptachlor epoxide

R.T.: 5.579 min
Delta R.T.: -0.008 min
Response: 172290151
Conc: 36.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 74798790
Conc: 33.61 ng/ml



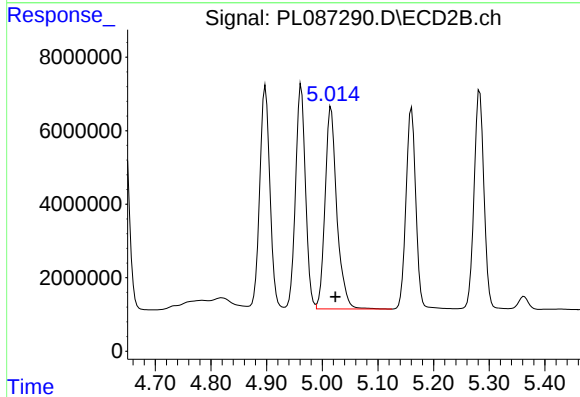
#9 Endosulfan I

R.T.: 5.965 min
Delta R.T.: -0.008 min
Response: 163189543
Conc: 36.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMS

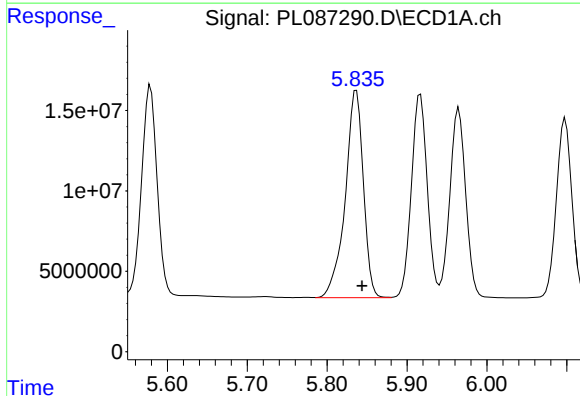
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



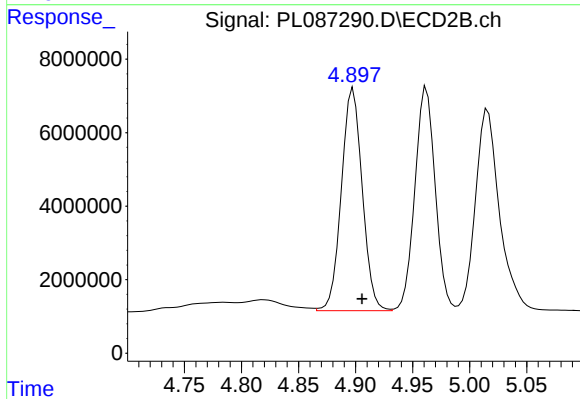
#9 Endosulfan I

R.T.: 5.016 min
Delta R.T.: -0.007 min
Response: 81033306
Conc: 37.50 ng/ml



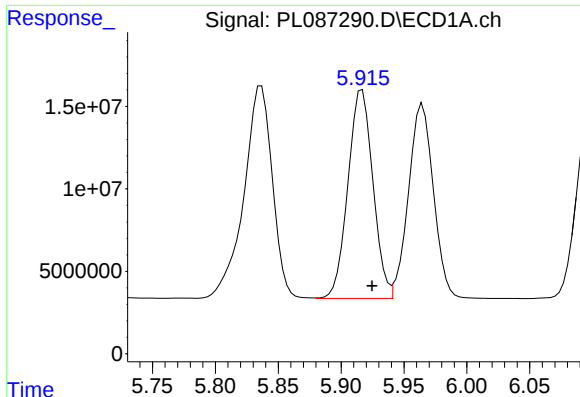
#10 gamma-Chlordane

R.T.: 5.837 min
Delta R.T.: -0.007 min
Response: 203245451
Conc: 41.92 ng/ml



#10 gamma-Chlordane

R.T.: 4.898 min
Delta R.T.: -0.008 min
Response: 77007079
Conc: 33.67 ng/ml



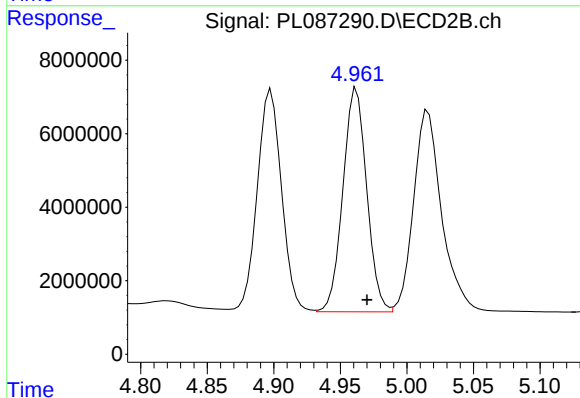
#11 alpha-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.008 min
Response: 174753550
Conc: 36.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMS

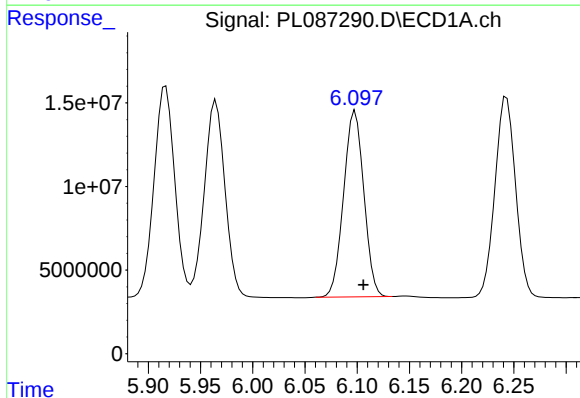
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



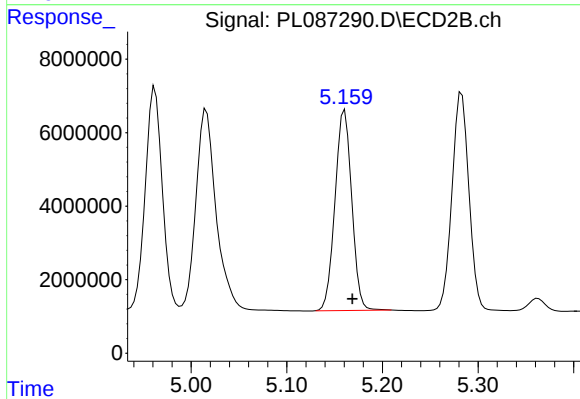
#11 alpha-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.008 min
Response: 75773849
Conc: 32.83 ng/ml



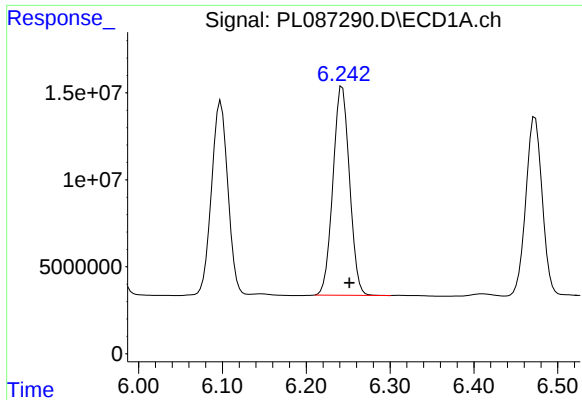
#12 4,4'-DDE

R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 149865148
Conc: 36.16 ng/ml



#12 4,4'-DDE

R.T.: 5.161 min
Delta R.T.: -0.008 min
Response: 66398282
Conc: 33.44 ng/ml



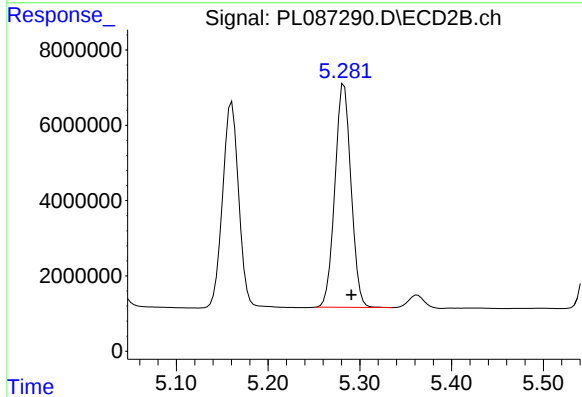
#13 Dieldrin

R.T.: 6.243 min
Delta R.T.: -0.008 min
Response: 164795098
Conc: 35.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMS

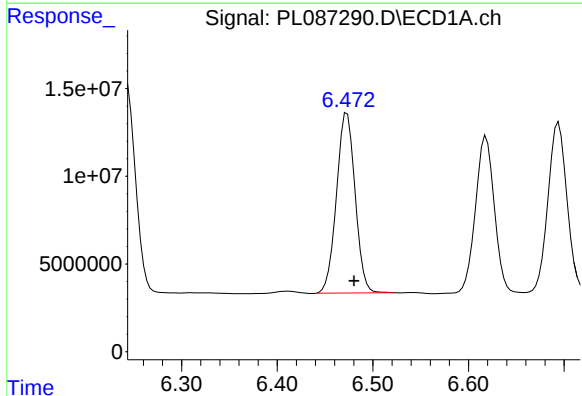
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



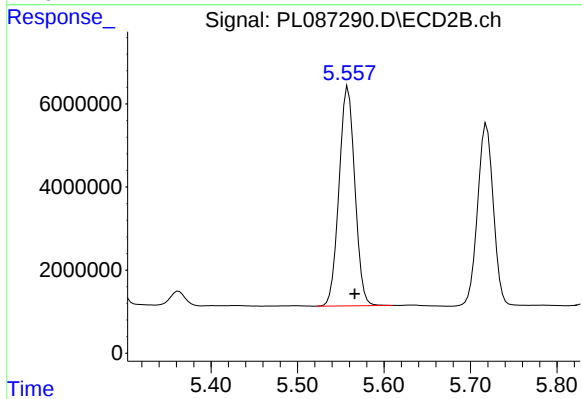
#13 Dieldrin

R.T.: 5.283 min
Delta R.T.: -0.008 min
Response: 72545299
Conc: 32.56 ng/ml



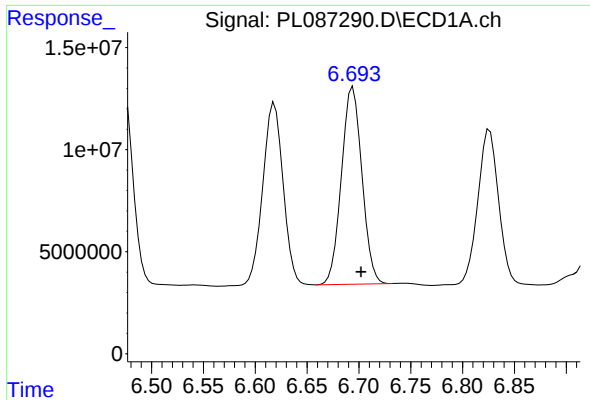
#14 Endrin

R.T.: 6.473 min
Delta R.T.: -0.007 min
Response: 139014368
Conc: 36.13 ng/ml



#14 Endrin

R.T.: 5.559 min
Delta R.T.: -0.008 min
Response: 66548631
Conc: 33.35 ng/ml



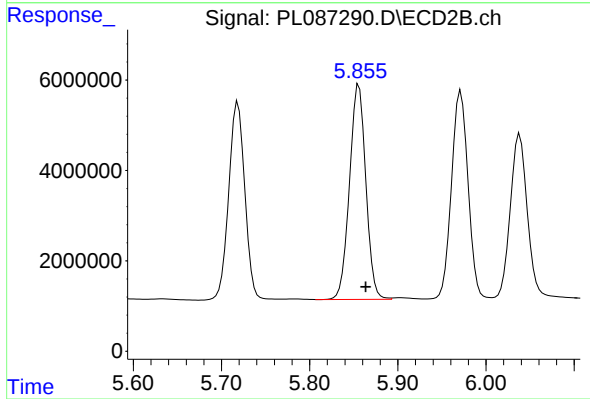
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: -0.008 min
Response: 132986786
Conc: 33.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMS

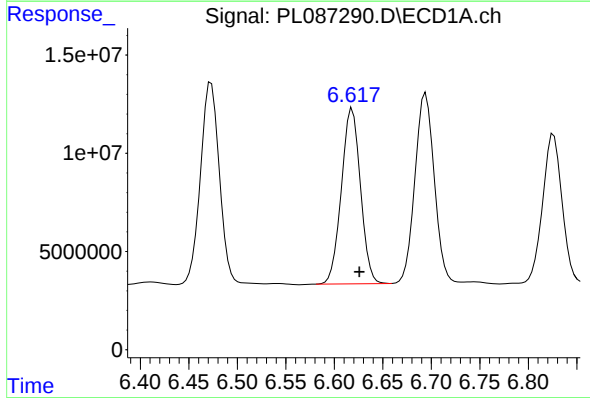
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



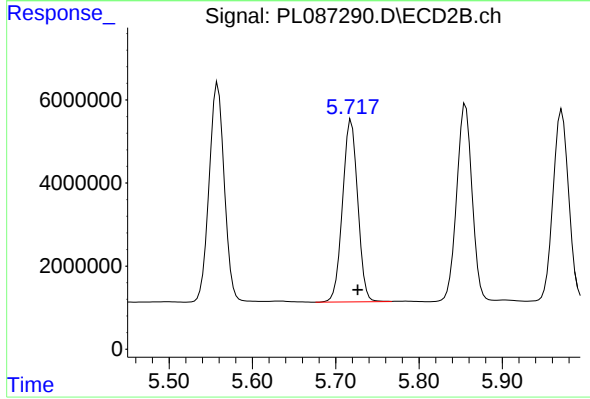
#15 Endosulfan II

R.T.: 5.856 min
Delta R.T.: -0.008 min
Response: 61242308
Conc: 31.45 ng/ml



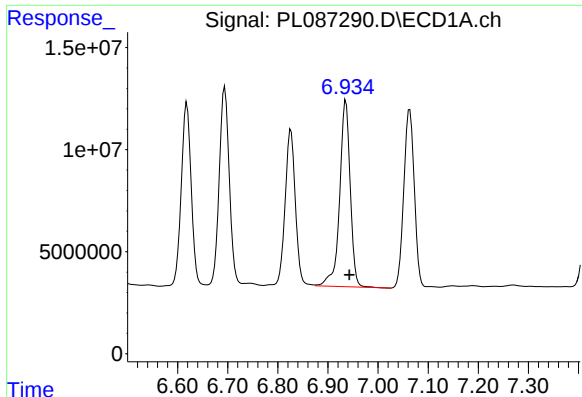
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.007 min
Response: 122073980
Conc: 36.93 ng/ml



#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: -0.008 min
Response: 55553928
Conc: 33.55 ng/ml



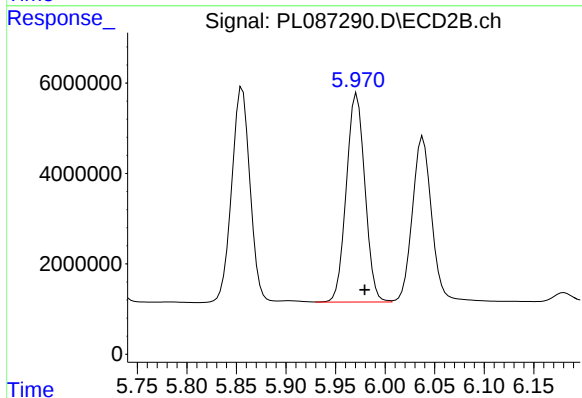
#17 4,4'-DDT

R.T.: 6.936 min
Delta R.T.: -0.008 min
Response: 133834534
Conc: 35.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMS

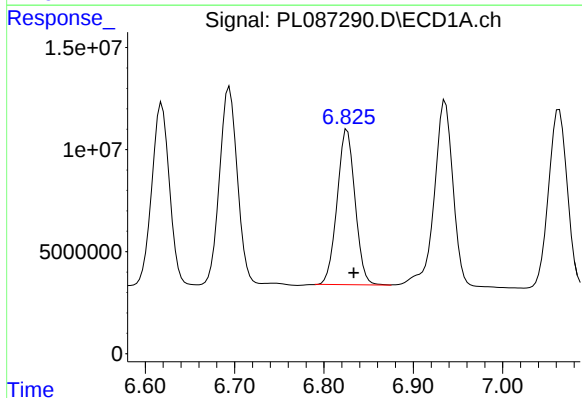
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



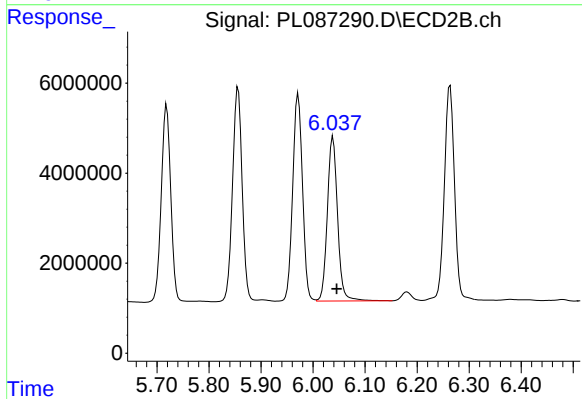
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.008 min
Response: 60321895
Conc: 32.71 ng/ml



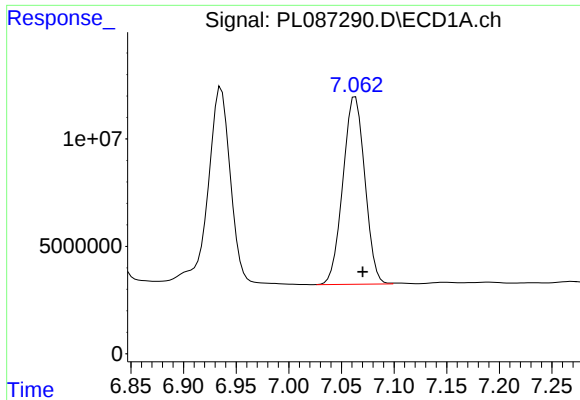
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: -0.009 min
Response: 105931887
Conc: 36.55 ng/ml m



#18 Endrin aldehyde

R.T.: 6.038 min
Delta R.T.: -0.008 min
Response: 50002440
Conc: 34.07 ng/ml



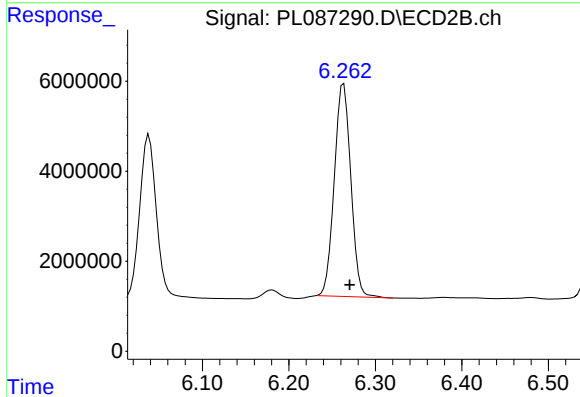
#19 Endosulfan Sulfate

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 126971179
Conc: 32.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMS

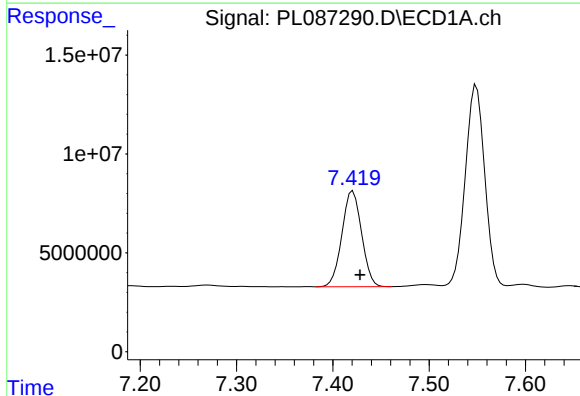
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



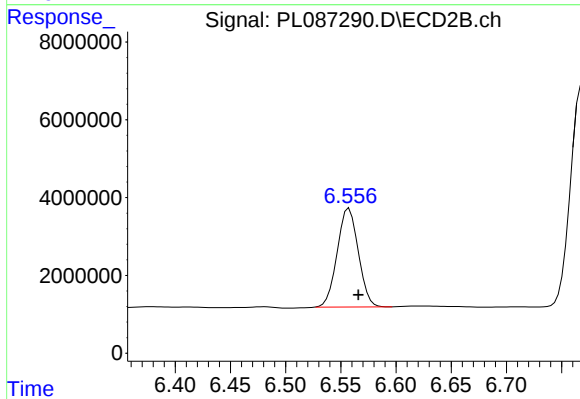
#19 Endosulfan Sulfate

R.T.: 6.263 min
Delta R.T.: -0.007 min
Response: 62455697
Conc: 33.15 ng/ml



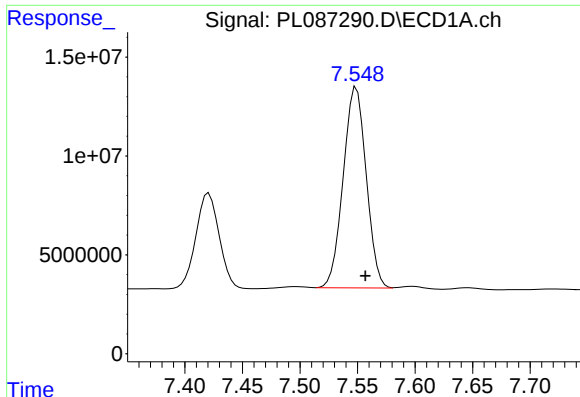
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: -0.007 min
Response: 68472879
Conc: 35.12 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.009 min
Response: 33866214
Conc: 33.16 ng/ml



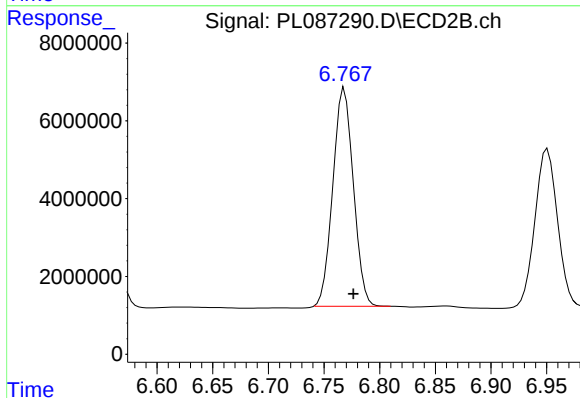
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: -0.009 min
Response: 142055979
Conc: 34.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMS

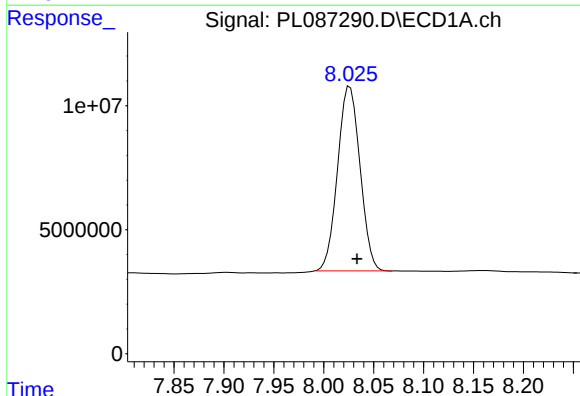
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



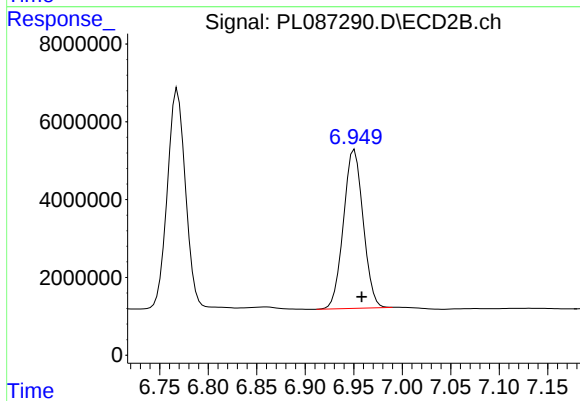
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.008 min
Response: 71993821
Conc: 33.82 ng/ml



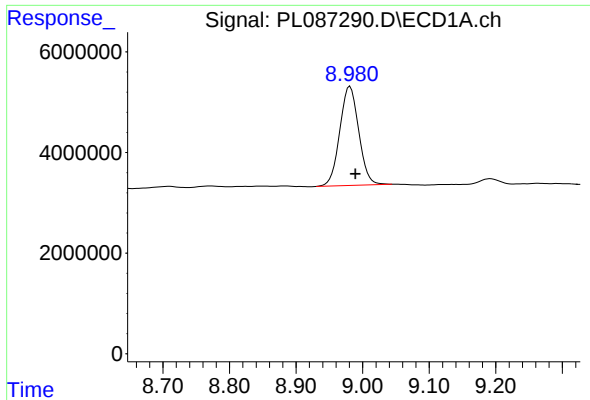
#22 Mirex

R.T.: 8.026 min
Delta R.T.: -0.007 min
Response: 116350743
Conc: 34.55 ng/ml



#22 Mirex

R.T.: 6.949 min
Delta R.T.: -0.009 min
Response: 57665628
Conc: 32.41 ng/ml m



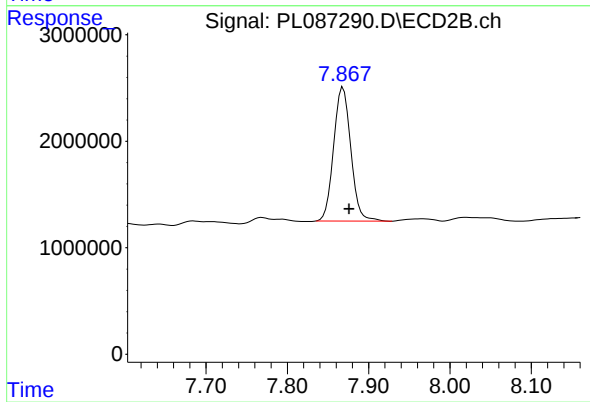
#28 Decachlorobiphenyl

R.T.: 8.981 min
Delta R.T.: -0.008 min
Response: 39044289
Conc: 11.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: -0.007 min
Response: 18489885
Conc: 10.95 ng/ml