

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062325\
 Data File : PL096153.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 11:47
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL062325

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/25/2025
 Supervised By : mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 16:02:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 23 14:48:31 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.574	2.878	188.1E6	234.5E6	54.642	53.436
28)	SA Decachlor...	9.135	8.063	139.8E6	276.3E6	52.435	51.347
Target Compounds							
2)	A alpha-BHC	4.026	3.388	297.0E6	359.9E6	55.434	54.372
3)	MA gamma-BHC...	4.358	3.721	274.5E6	340.6E6	54.812	54.124
4)	MA Heptachlor	4.955	4.073	247.8E6	335.0E6	53.957	53.111
5)	MB Aldrin	5.298	4.357	256.2E6	319.7E6	53.892	54.068
6)	B beta-BHC	4.546	4.017	116.5E6	146.3E6	54.476	53.065
7)	B delta-BHC	4.792	4.252	261.9E6	340.9E6	53.620m	54.215
8)	B Heptachlo...	5.718	4.860	231.5E6	298.3E6	52.784	51.961
9)	A Endosulfan I	6.102	5.233	214.8E6	286.2E6	53.439	48.153
10)	B gamma-Chl...	5.974	5.113	234.1E6	316.2E6	53.817	52.505
11)	B alpha-Chl...	6.054	5.178	231.2E6	311.1E6	53.513	50.451
12)	B 4,4'-DDE	6.226	5.366	215.0E6	312.4E6	53.766	53.094
13)	MA Dieldrin	6.376	5.499	232.1E6	315.1E6	53.852	53.115
14)	MA Endrin	6.604	5.775	187.1E6	276.3E6	52.503	50.555
15)	B Endosulfa...	6.818	6.067	201.8E6	280.0E6	50.976	52.365
16)	A 4,4'-DDD	6.739	5.920	175.6E6	259.0E6	53.378	53.804
17)	MA 4,4'-DDT	7.055	6.175	171.1E6	279.9E6	52.333	50.983
18)	B Endrin al...	6.947	6.246	140.8E6	210.2E6	53.716	50.271
19)	B Endosulfa...	7.183	6.470	177.9E6	266.5E6	52.670	52.036
20)	A Methoxychlor	7.534	6.748	84814749	146.2E6	51.507	49.808
21)	B Endrin ke...	7.666	6.977	191.4E6	311.6E6	53.009	52.137
22)	Mirex	8.150	7.170	142.9E6	244.5E6	52.321	51.127

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062325\
Data File : PL096153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2025 11:47
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ICVPL062325

Manual Integrations

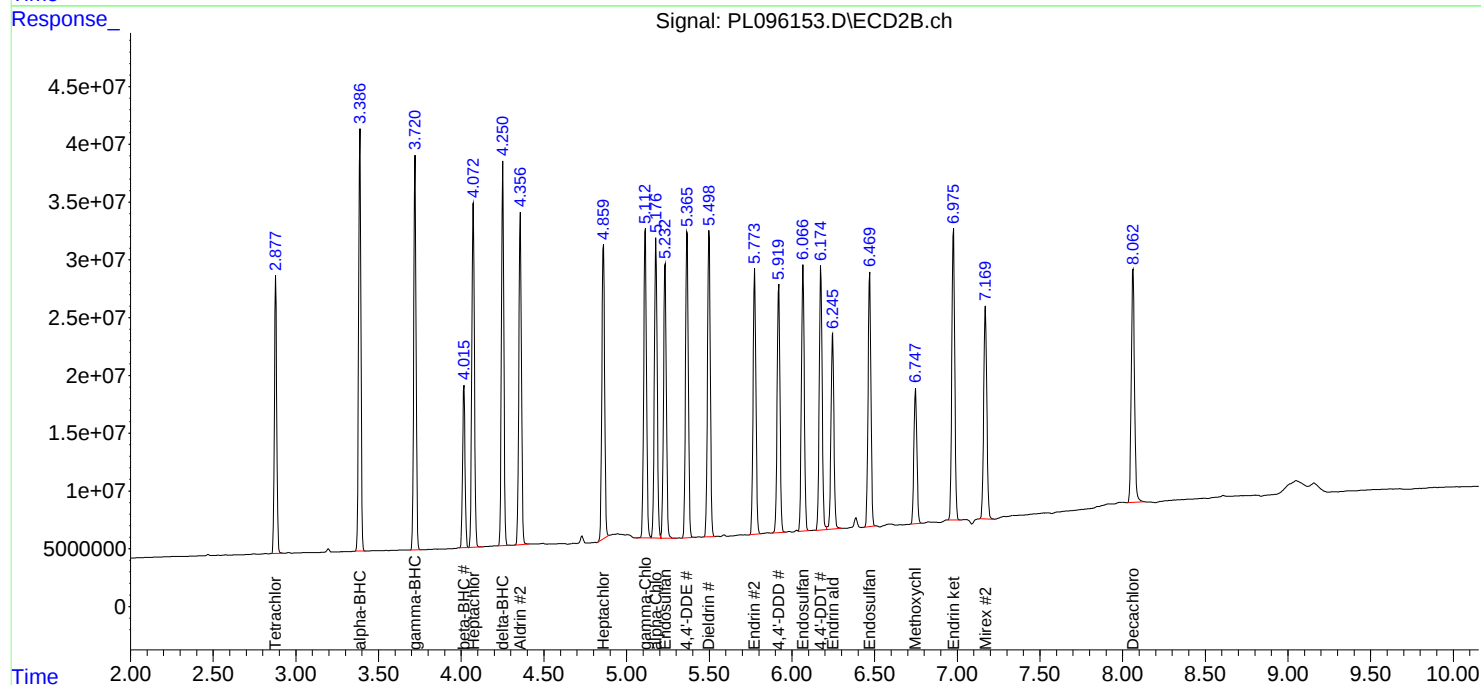
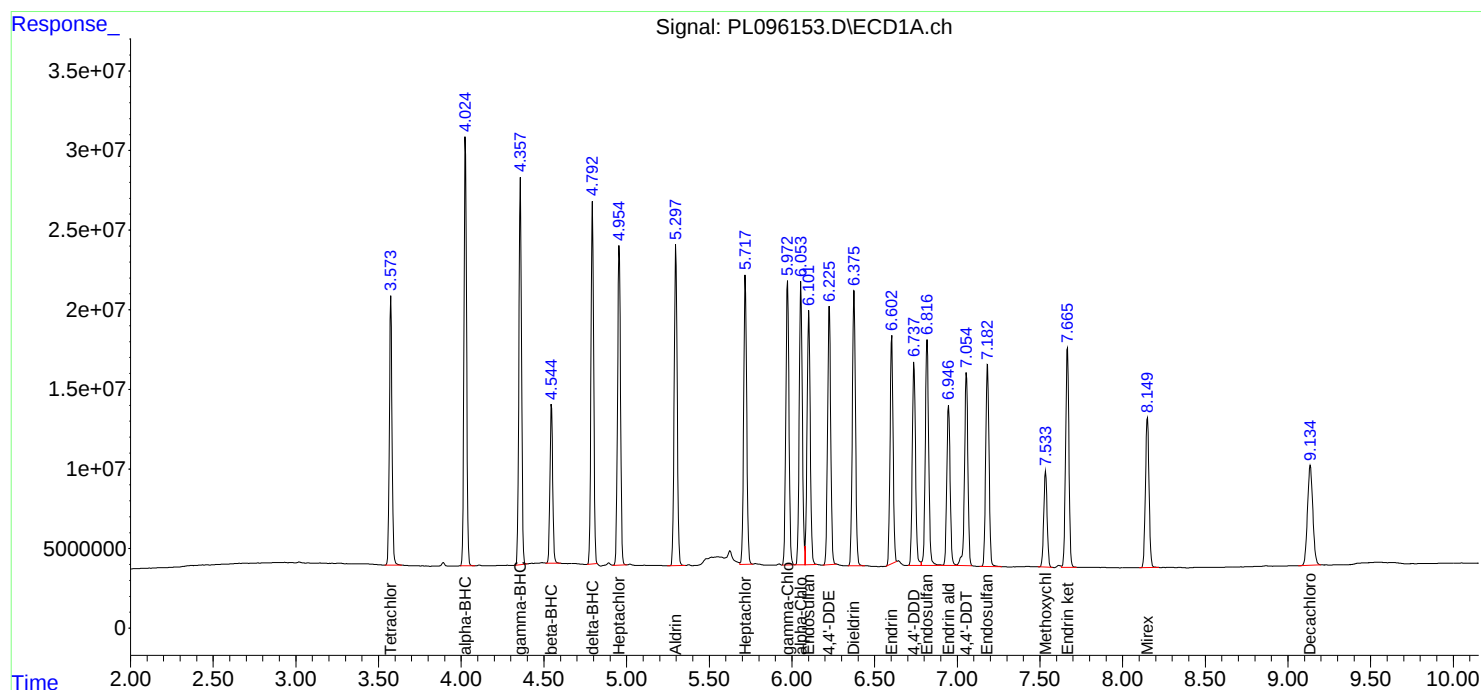
APPROVED

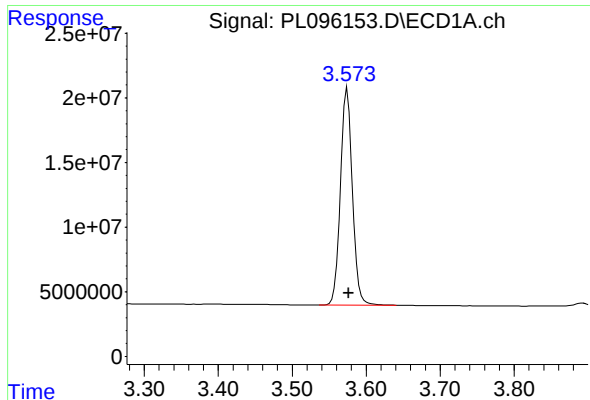
Reviewed By :Abdul Mirza 06/25/2025

Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 24 16:02:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 23 14:48:31 2025
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





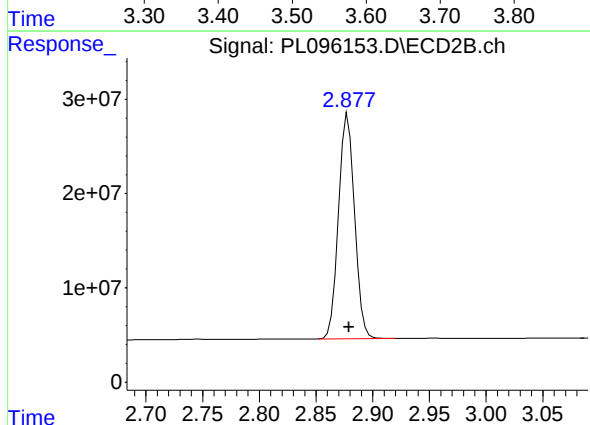
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: -0.002 min
Response: 188097835
Conc: 54.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062325

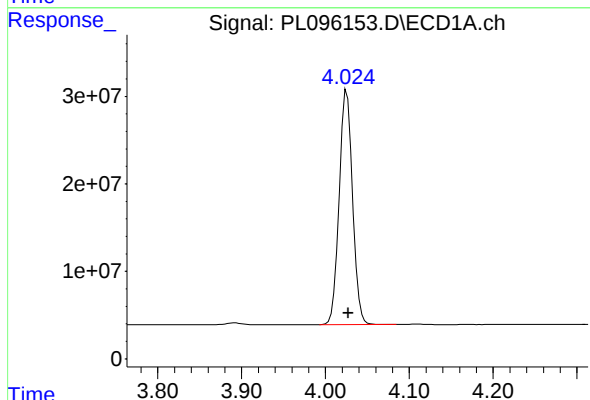
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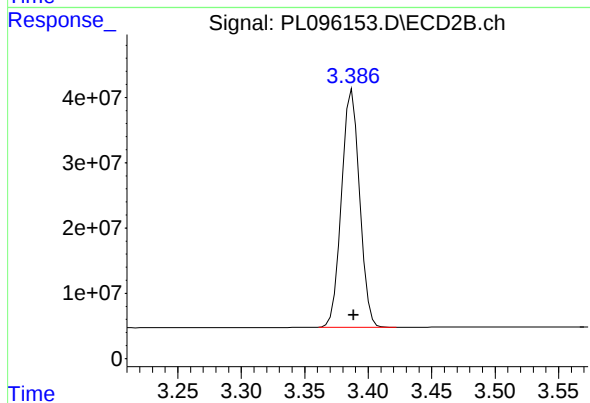
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 234457916
Conc: 53.44 ng/ml



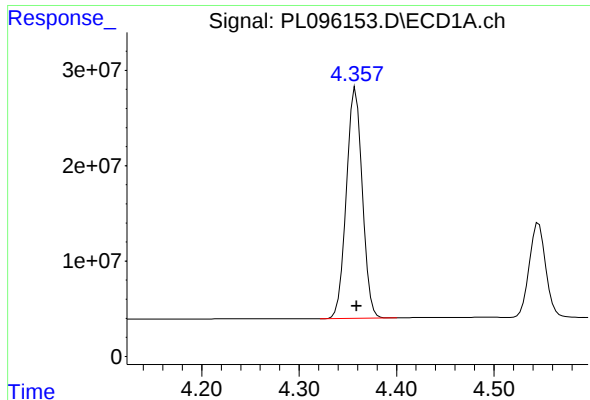
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 297027652
Conc: 55.43 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.001 min
Response: 359886619
Conc: 54.37 ng/ml



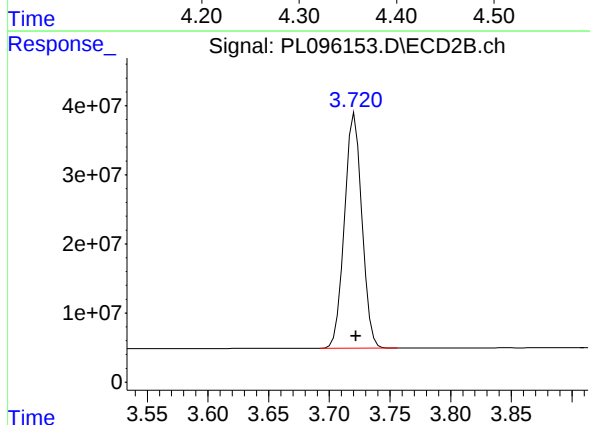
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 274492458
Conc: 54.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062325

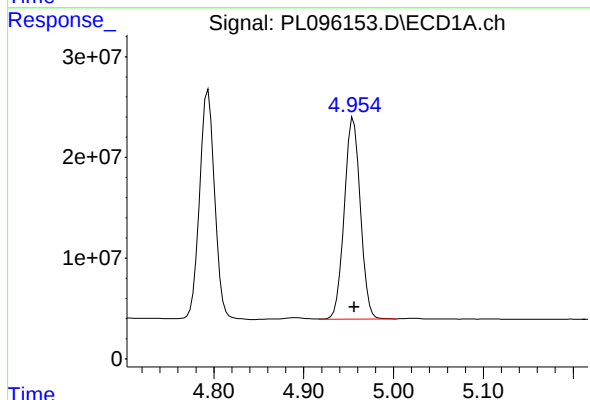
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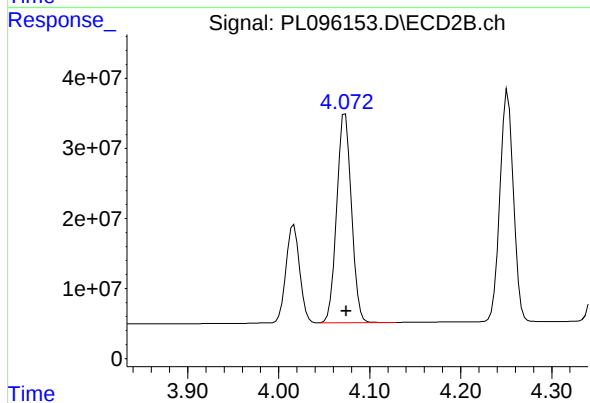
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: 0.000 min
Response: 340582236
Conc: 54.12 ng/ml



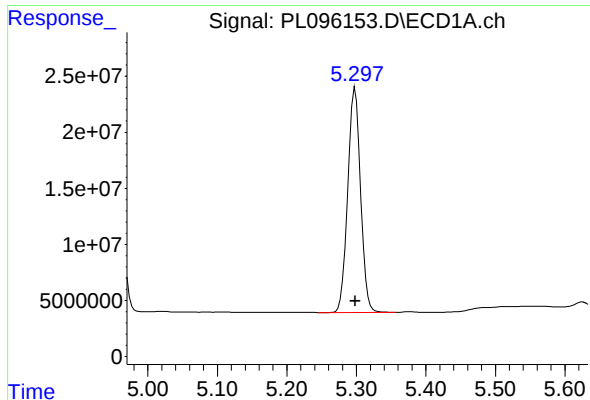
#4 Heptachlor

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 247753794
Conc: 53.96 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.001 min
Response: 334997889
Conc: 53.11 ng/ml



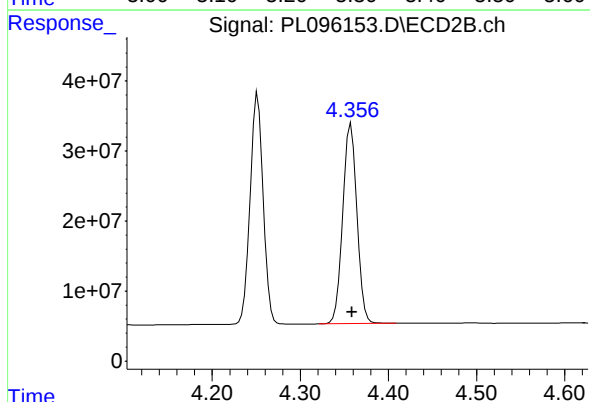
#5 Aldrin

R.T.: 5.298 min
Delta R.T.: 0.000 min
Response: 256240935
Conc: 53.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062325

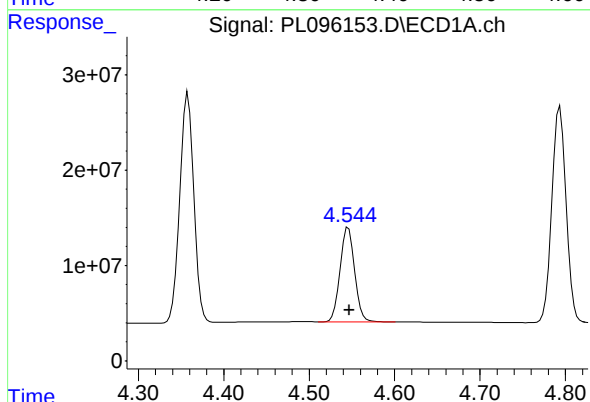
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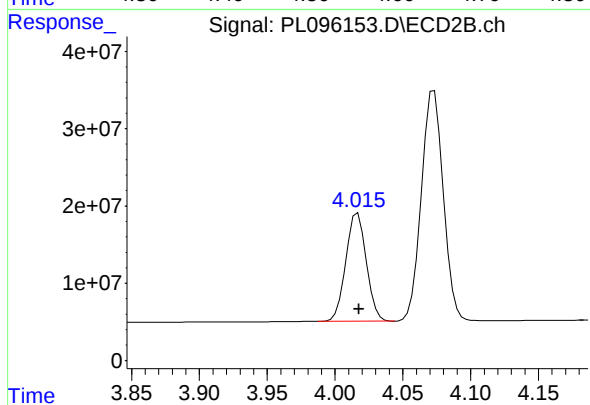
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 319690339
Conc: 54.07 ng/ml



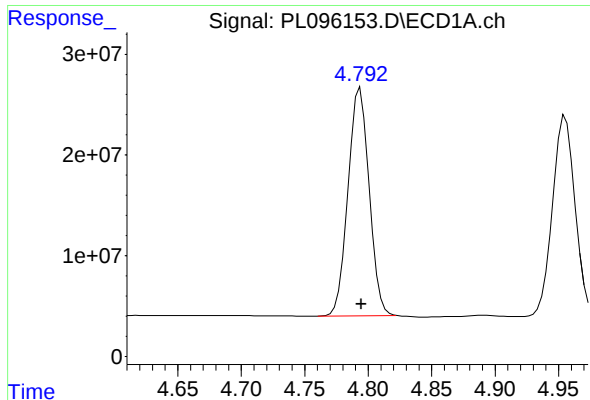
#6 beta-BHC

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 116526387
Conc: 54.48 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 146326793
Conc: 53.06 ng/ml



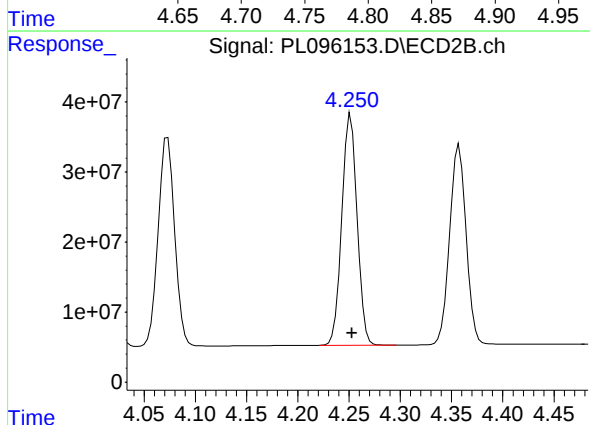
#7 delta-BHC

R.T.: 4.792 min
Delta R.T.: -0.002 min
Response: 261865790
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062325

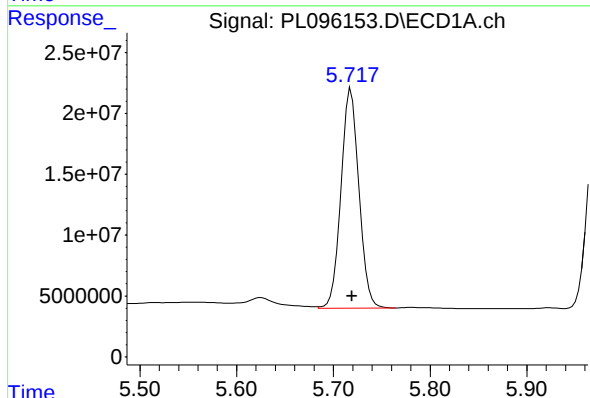
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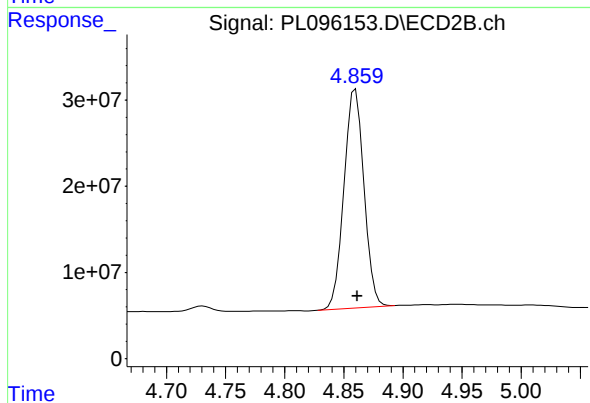
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.001 min
Response: 340911246
Conc: 54.21 ng/ml



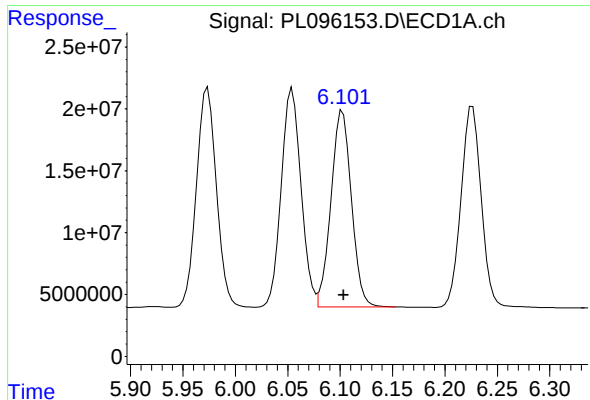
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 231451226
Conc: 52.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 298284553
Conc: 51.96 ng/ml



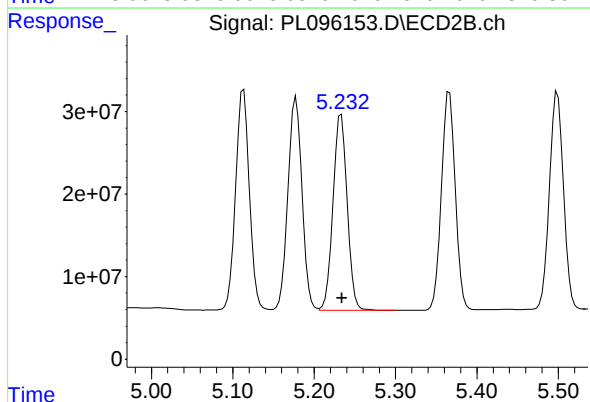
#9 Endosulfan I

R.T.: 6.102 min
Delta R.T.: -0.001 min
Response: 214822869
Conc: 53.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062325

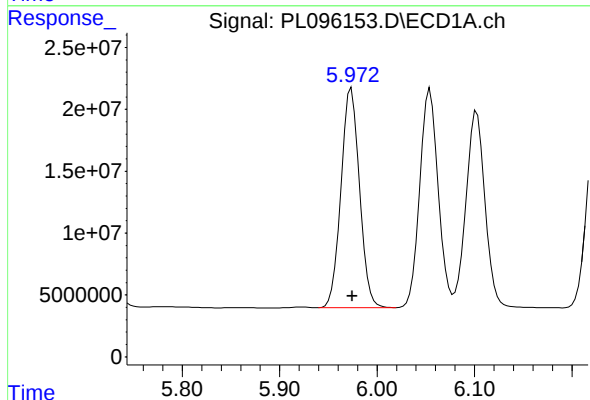
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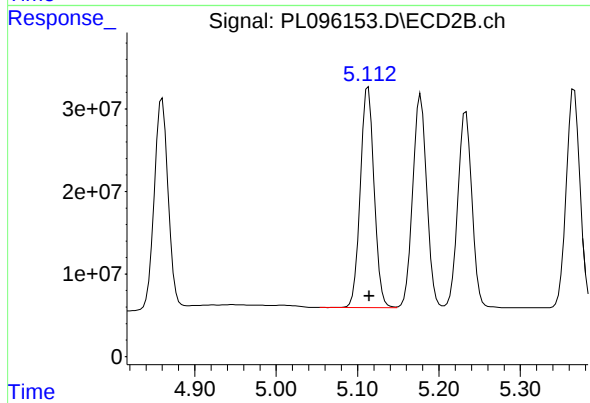
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.001 min
Response: 286201758
Conc: 48.15 ng/ml



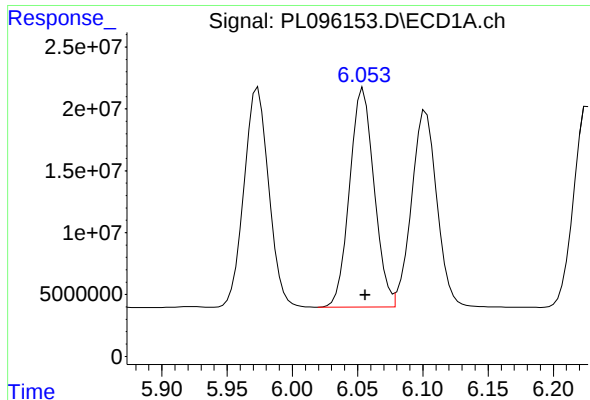
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 234077112
Conc: 53.82 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.001 min
Response: 316219508
Conc: 52.50 ng/ml



#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: -0.001 min
Response: 231225287
Conc: 53.51 ng/ml

Instrument :

ECD_L

ClientSampleId :

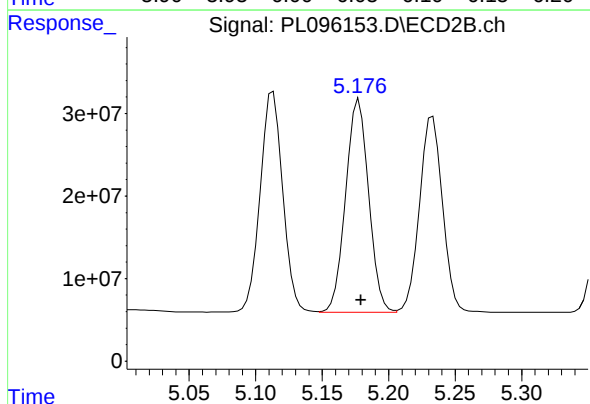
ICVPL062325

Manual Integrations

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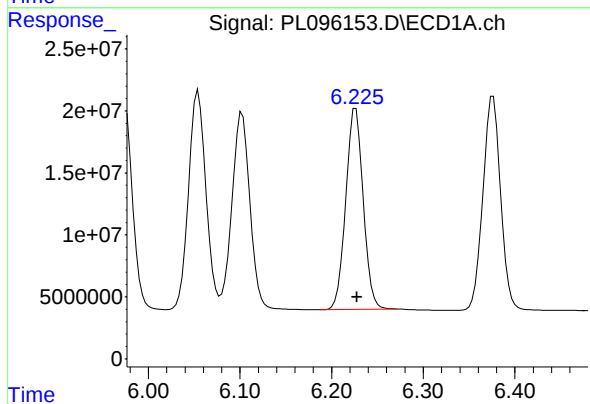
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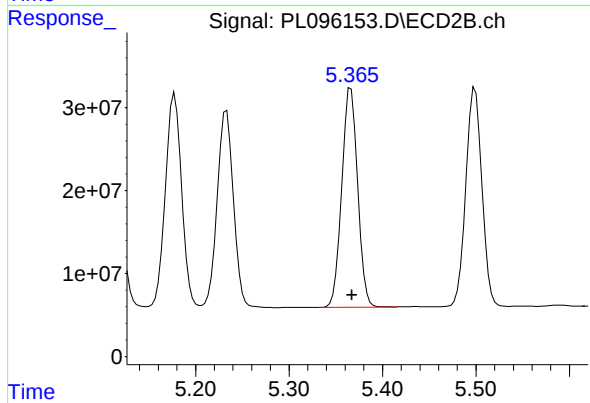
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: -0.001 min
Response: 311130117
Conc: 50.45 ng/ml



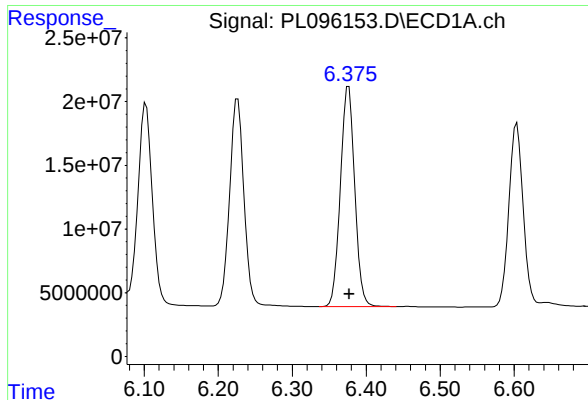
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: -0.001 min
Response: 214967607
Conc: 53.77 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.001 min
Response: 312376142
Conc: 53.09 ng/ml



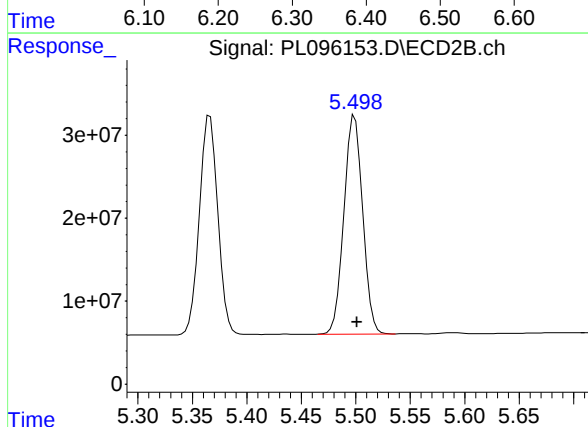
#13 Dieldrin

R.T.: 6.376 min
Delta R.T.: -0.001 min
Response: 232070891
Conc: 53.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062325

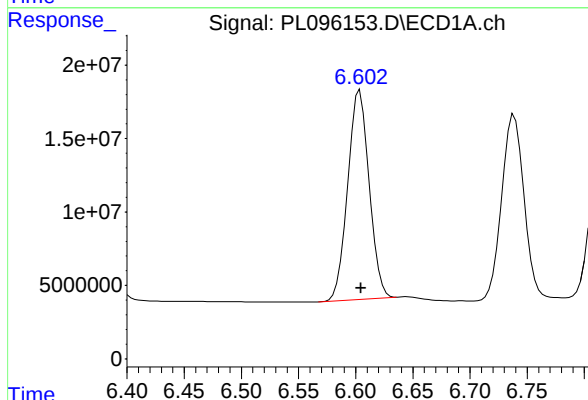
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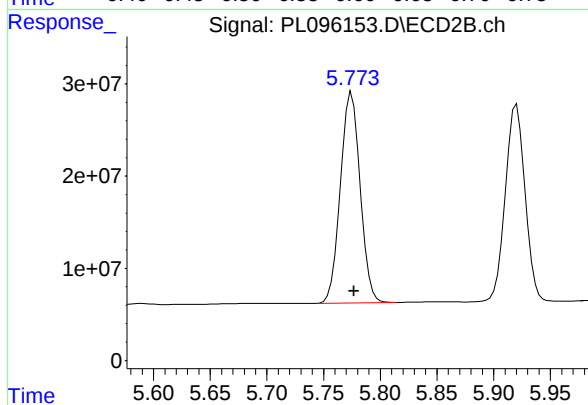
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 315066465
Conc: 53.11 ng/ml



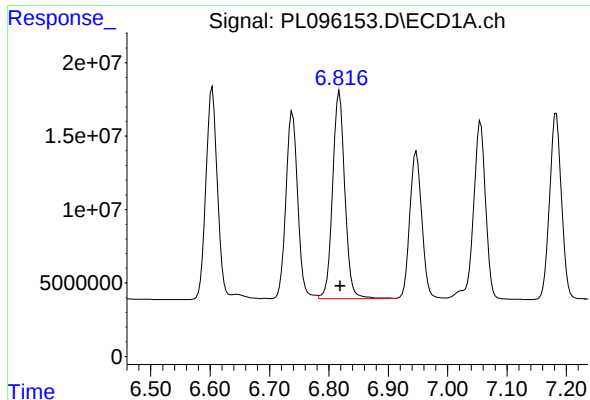
#14 Endrin

R.T.: 6.604 min
Delta R.T.: -0.001 min
Response: 187096913
Conc: 52.50 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 276286254
Conc: 50.55 ng/ml



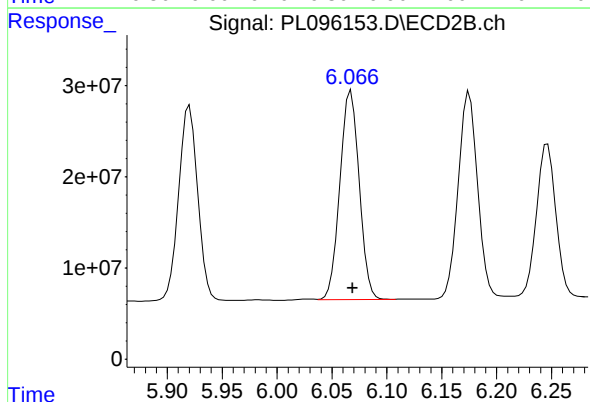
#15 Endosulfan II

R.T.: 6.818 min
Delta R.T.: -0.001 min
Response: 201777802
Conc: 50.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062325

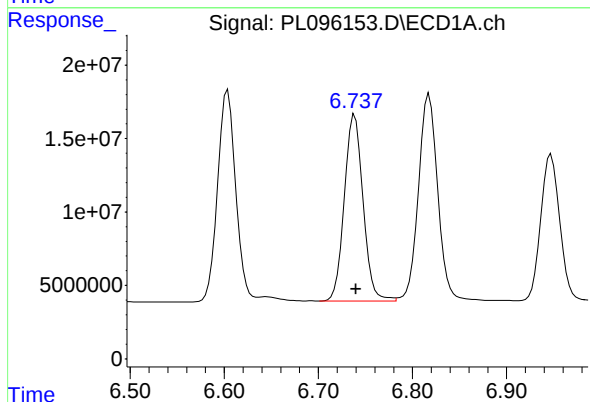
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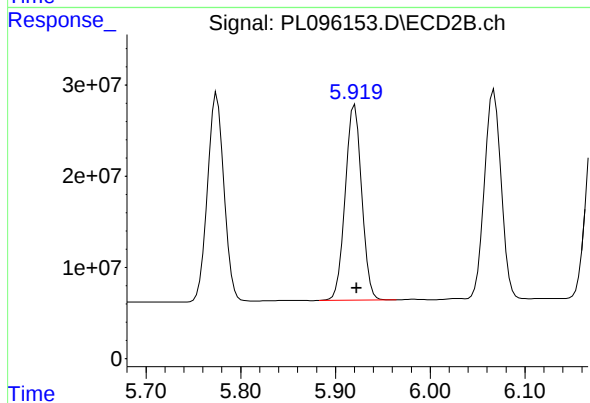
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 279979213
Conc: 52.36 ng/ml



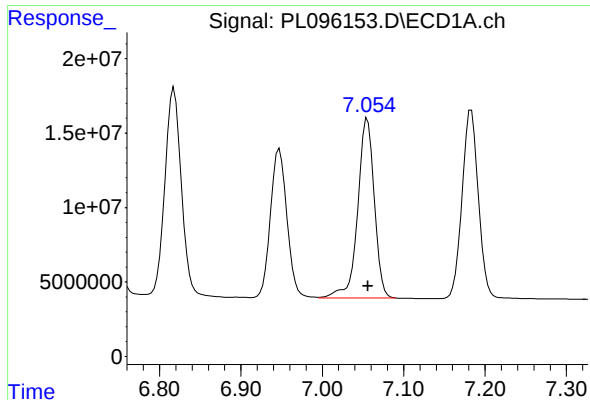
#16 4,4'-DDD

R.T.: 6.739 min
Delta R.T.: -0.001 min
Response: 175619400
Conc: 53.38 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 258993732
Conc: 53.80 ng/ml



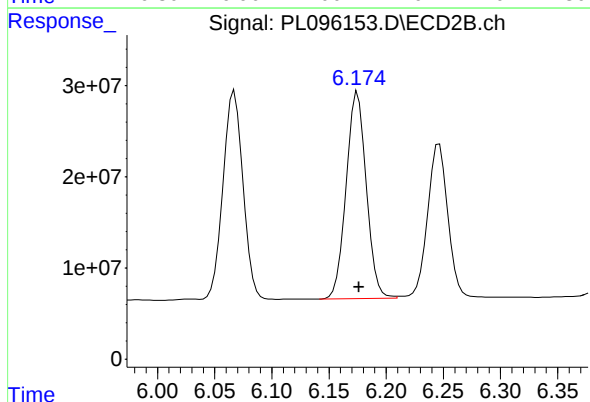
#17 4,4'-DDT

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 171081386
Conc: 52.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062325

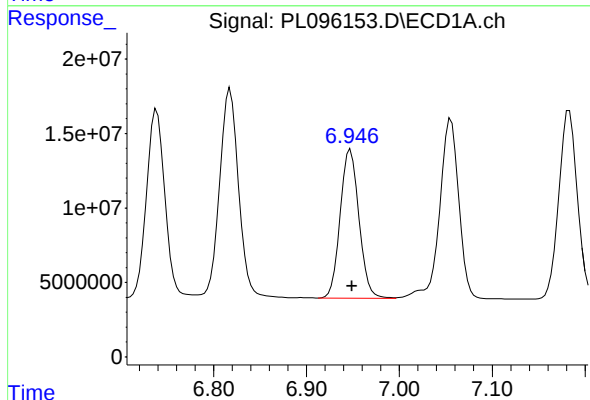
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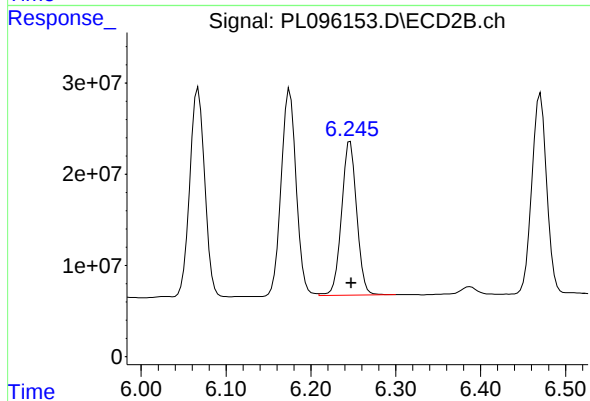
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.001 min
Response: 279881899
Conc: 50.98 ng/ml



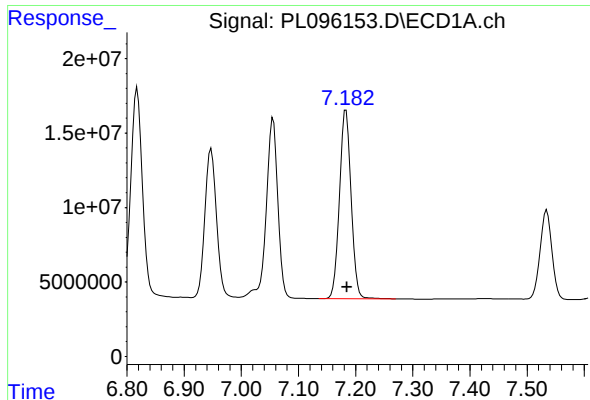
#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 140810122
Conc: 53.72 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.001 min
Response: 210184157
Conc: 50.27 ng/ml



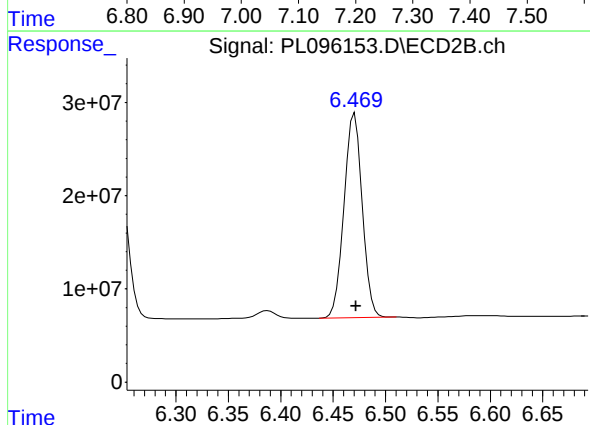
#19 Endosulfan Sulfate

R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 177908556
Conc: 52.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062325

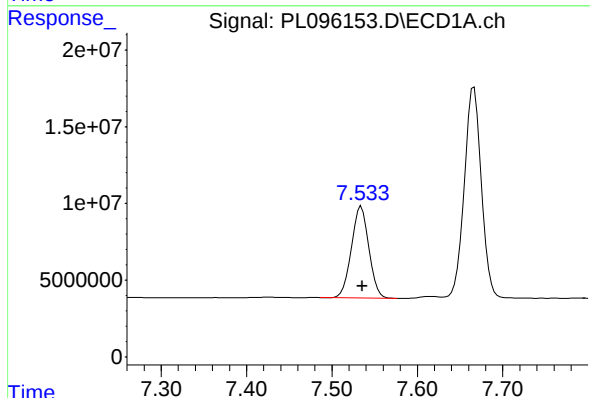
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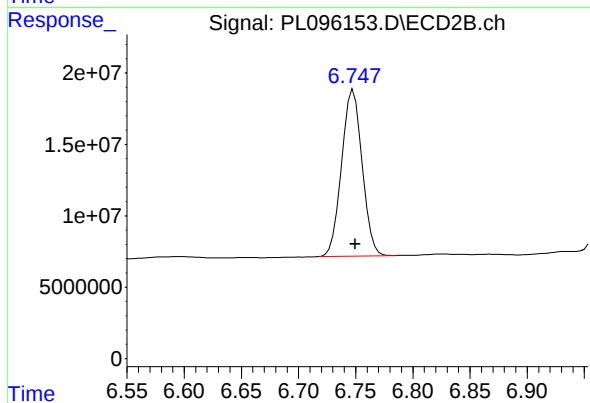
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 266484574
Conc: 52.04 ng/ml



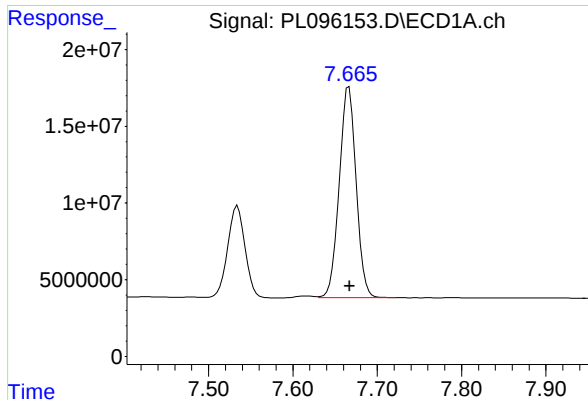
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: -0.001 min
Response: 84814749
Conc: 51.51 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 146203622
Conc: 49.81 ng/ml



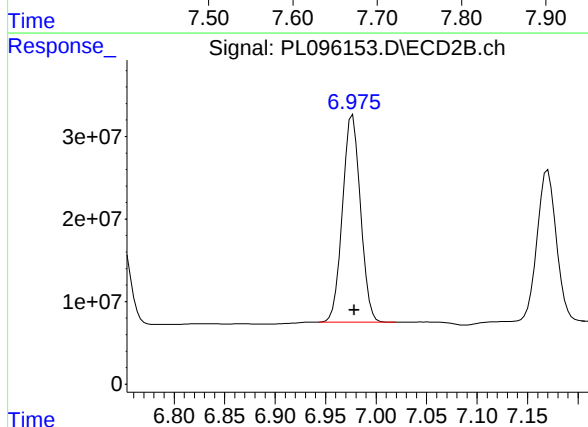
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: -0.001 min
Response: 191402013
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062325

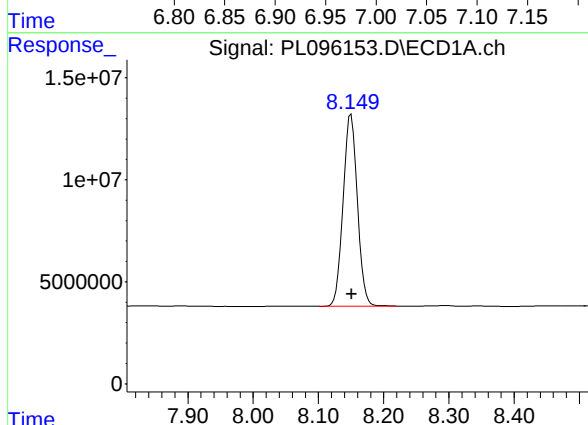
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



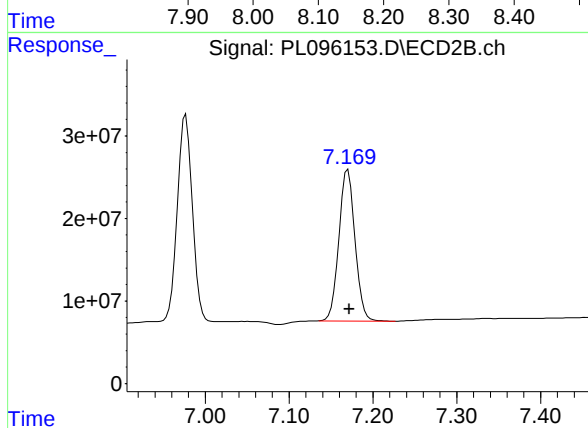
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 311615068
Conc: 52.14 ng/ml



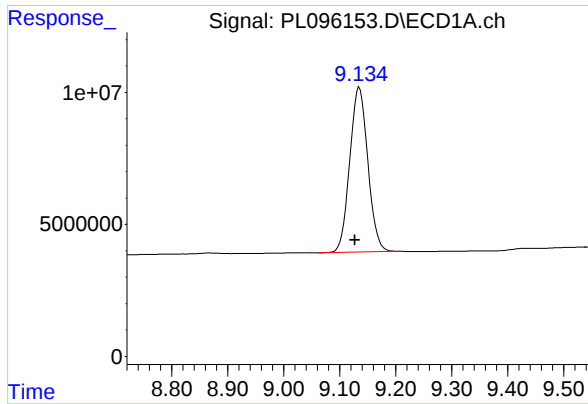
#22 Mirex

R.T.: 8.150 min
Delta R.T.: -0.001 min
Response: 142896390
Conc: 52.32 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 244468351
Conc: 51.13 ng/ml



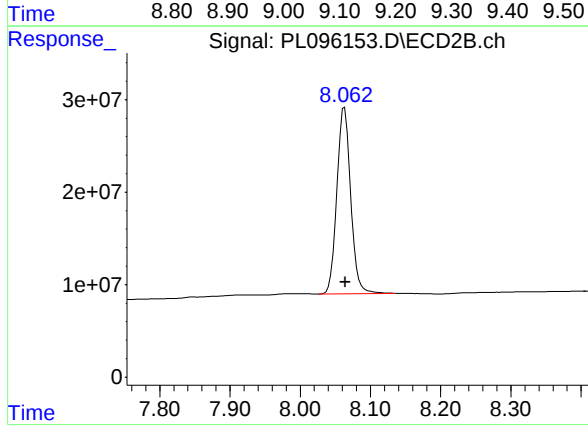
#28 Decachlorobiphenyl

R.T.: 9.135 min
Delta R.T.: 0.008 min
Response: 139785093
Conc: 52.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062325

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 276309986
Conc: 51.35 ng/ml