

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
 Data File : PL087321.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2023 14:01
 Operator : AR\AJ
 Sample : PB157966BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157966BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/22/2023
 Supervised By :Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 00:26:43 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...	3.422	2.678	76608701	31318607	20.356	18.606
28)	SA Decachlor...	8.981	7.868	72832855	32628338	21.359	19.319
Target Compounds							
2)	A alpha-BHC	3.878	3.181	309.1E6	129.2E6	57.100	52.561m
3)	MA gamma-BHC...	4.212	3.513	297.1E6	126.9E6	56.530	52.394
4)	MA Heptachlor	4.804	3.856	287.9E6	120.3E6	54.051m	50.338
5)	MB Aldrin	5.147	4.136	283.5E6	120.3E6	54.453	50.159
6)	B beta-BHC	4.412	3.814	120.2E6	49808044	52.339	47.847
7)	B delta-BHC	4.656	4.044	286.1E6	123.8E6	54.708m	50.627
8)	B Heptachlo...	5.578	4.644	239.2E6	107.6E6	50.765	48.358
9)	A Endosulfan I	5.965	5.015	228.4E6	122.2E6	51.131	56.523
10)	B gamma-Chl...	5.836	4.898	247.1E6	107.5E6	50.972	47.004
11)	B alpha-Chl...	5.916	4.962	244.8E6	117.1E6	50.943	50.742
12)	B 4,4'-DDE	6.098	5.160	209.0E6	91512047	50.433	46.090
13)	MA Dieldrin	6.243	5.283	241.7E6	106.9E6	52.085	47.970
14)	MA Endrin	6.473	5.558	197.1E6	92899133	51.232	46.551
15)	B Endosulfa...	6.694	5.854	197.7E6	88223839	49.286	45.312m
16)	A 4,4'-DDD	6.618	5.719	163.4E6	74564337	49.441	45.034
17)	MA 4,4'-DDT	6.935	5.971	184.5E6	83647868	49.063	45.354
18)	B Endrin al...	6.826	6.038	151.9E6	69153288	52.392	47.119
19)	B Endosulfa...	7.063	6.263	192.8E6	86143906	49.107	45.728
20)	A Methoxychlor	7.420	6.558	97175073	46331809	49.835	45.361
21)	B Endrin ke...	7.547	6.767	205.1E6	101.0E6	50.407m	47.462m
22)	Mirex	8.026	6.951	175.5E6	85751360	52.097	48.199

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

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Data File : PL087321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2023 14:01
Operator : AR\AJ
Sample : PB157966BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

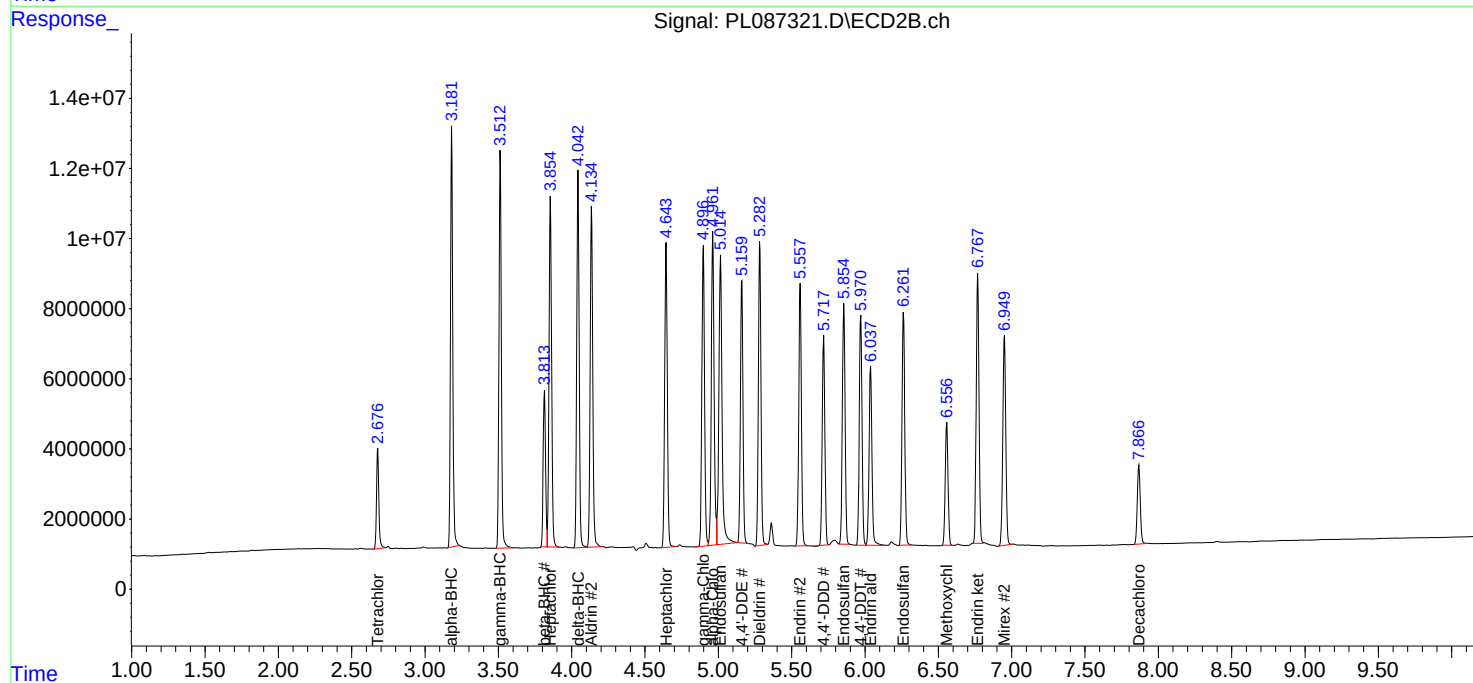
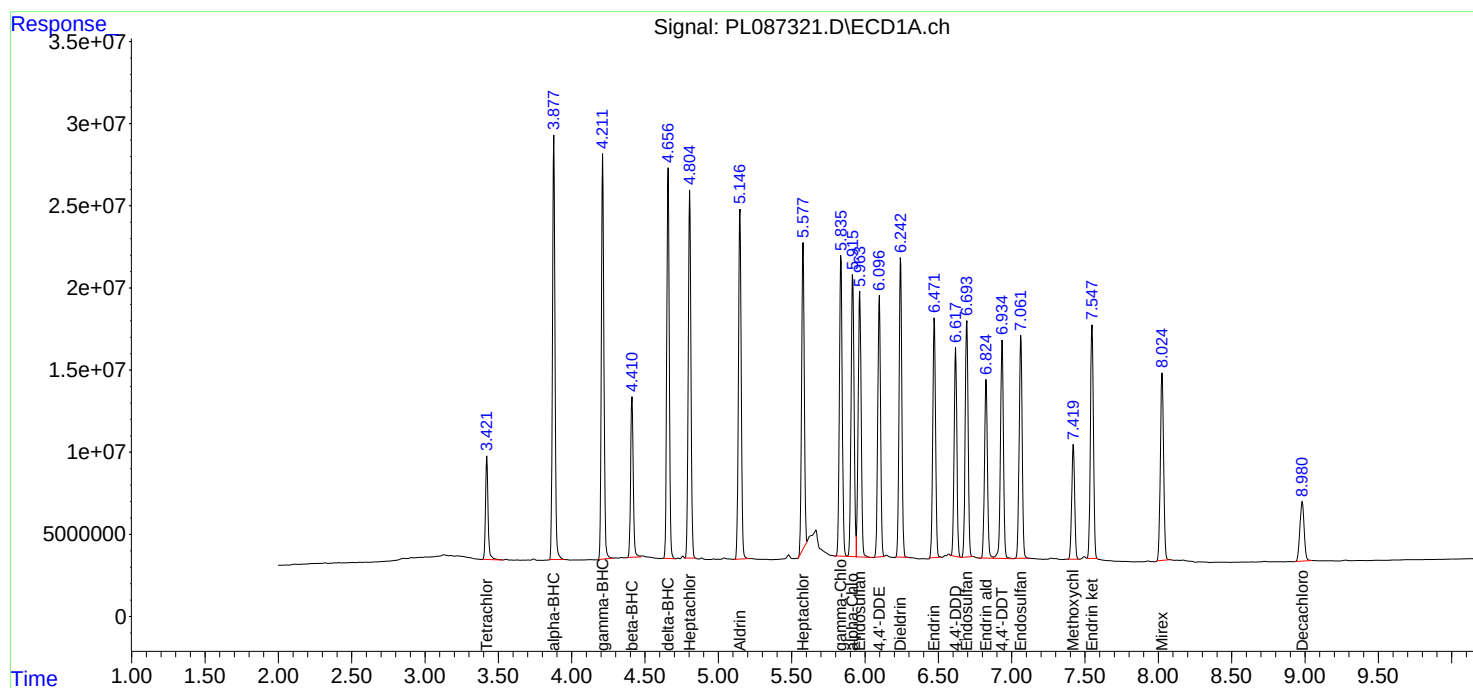
APPROVED

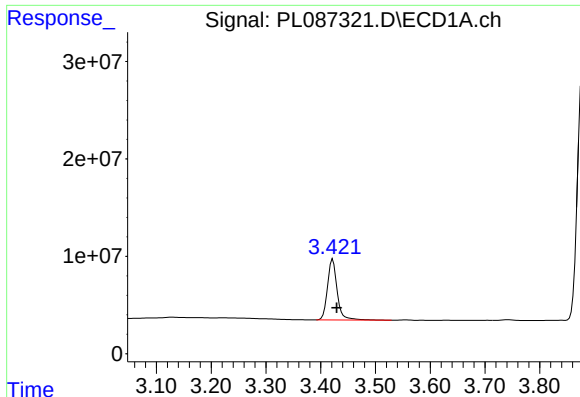
Reviewed By :Abdul Mirza 12/22/2023

Supervised By :Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 00:26:43 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





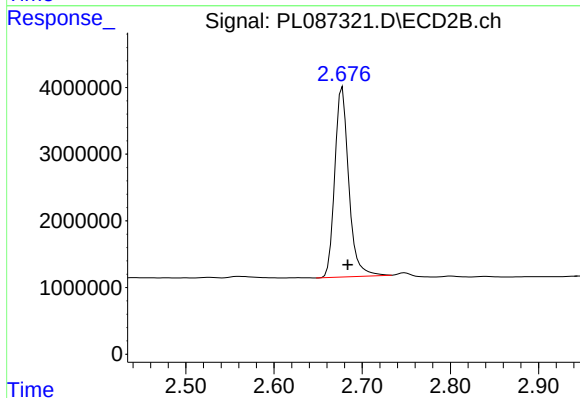
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 76608701
Conc: 20.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157966BS

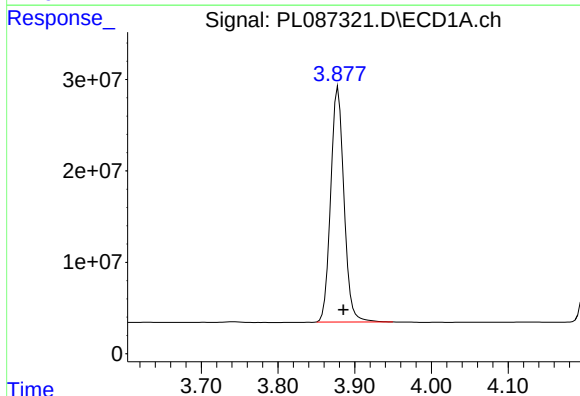
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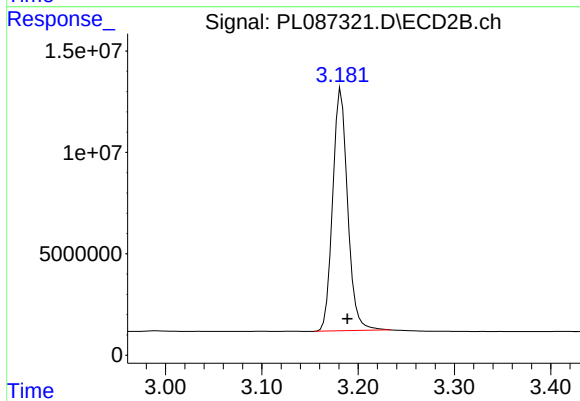
#1 Tetrachloro-m-xylene

R.T.: 2.678 min
Delta R.T.: -0.006 min
Response: 31318607
Conc: 18.61 ng/ml



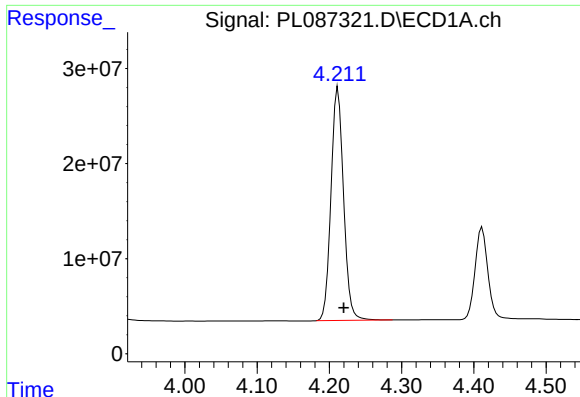
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 309147023
Conc: 57.10 ng/ml



#2 alpha-BHC

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 129173631
Conc: 52.56 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 297102864
Conc: 56.53 ng/ml

Instrument :

ECD_L

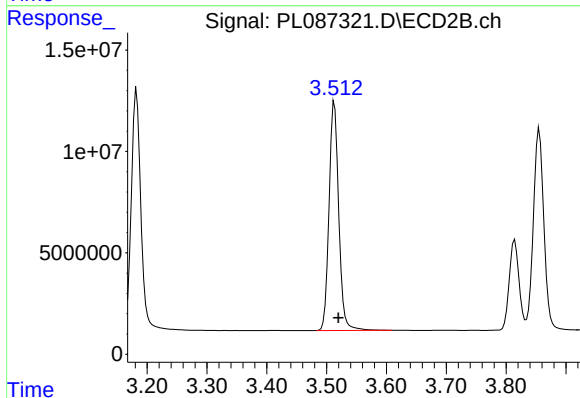
ClientSampleId :

PB157966BS

Manual Integrations

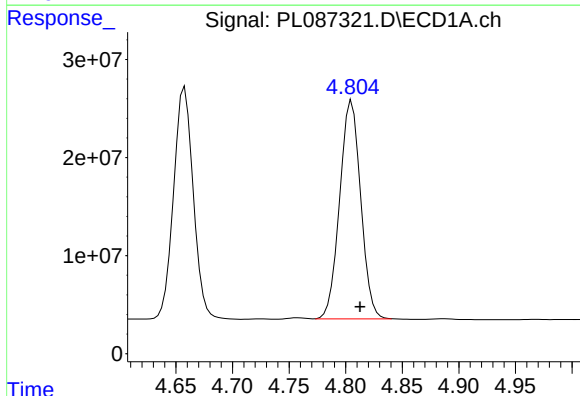
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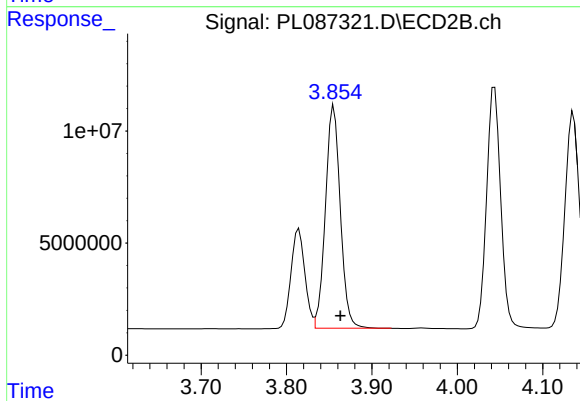
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 126919268
Conc: 52.39 ng/ml



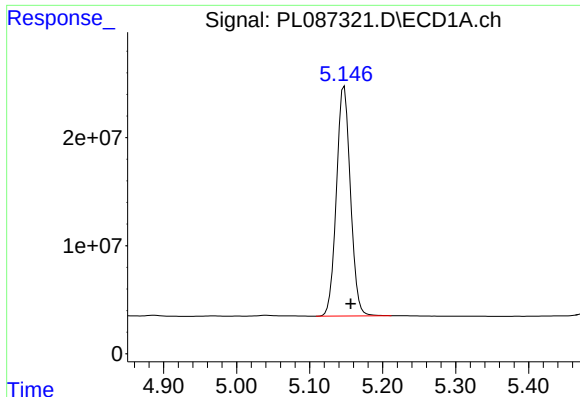
#4 Heptachlor

R.T.: 4.804 min
Delta R.T.: -0.009 min
Response: 287905263
Conc: 54.05 ng/ml m



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.008 min
Response: 120321433
Conc: 50.34 ng/ml



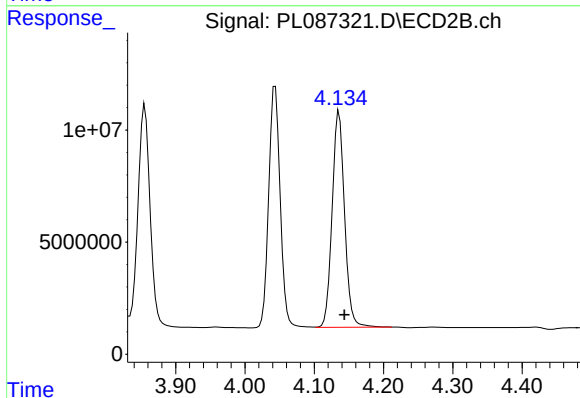
#5 Aldrin

R.T.: 5.147 min
Delta R.T.: -0.009 min
Response: 283505419
Conc: 54.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157966BS

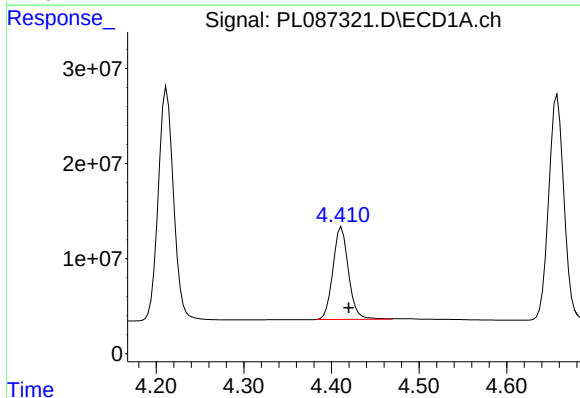
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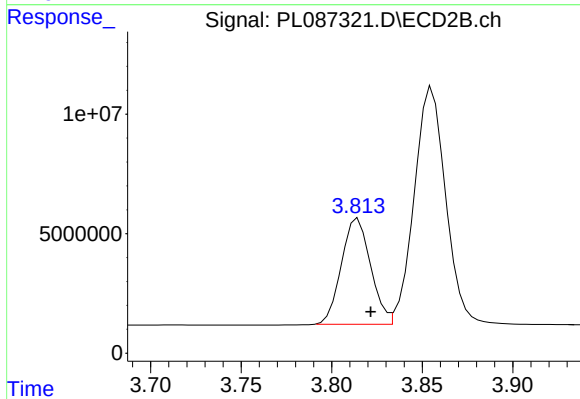
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.008 min
Response: 120267857
Conc: 50.16 ng/ml



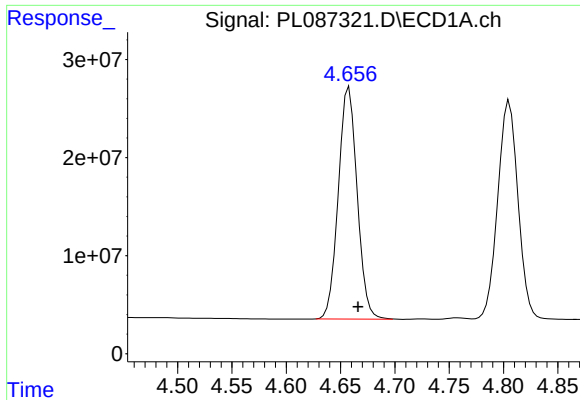
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.008 min
Response: 120212727
Conc: 52.34 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.007 min
Response: 49808044
Conc: 47.85 ng/ml



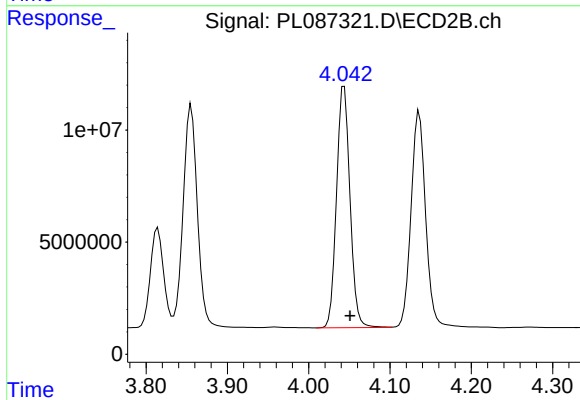
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.010 min
Response: 286089680
Conc: 54.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157966BS

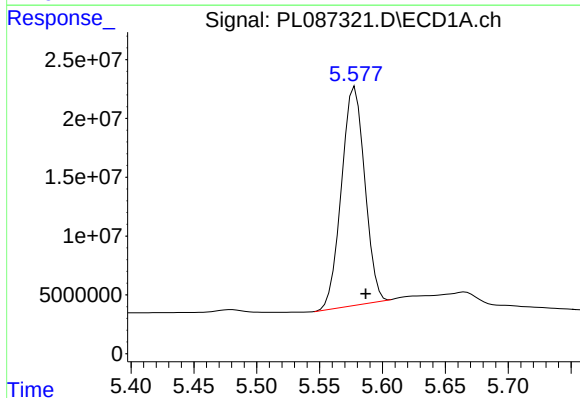
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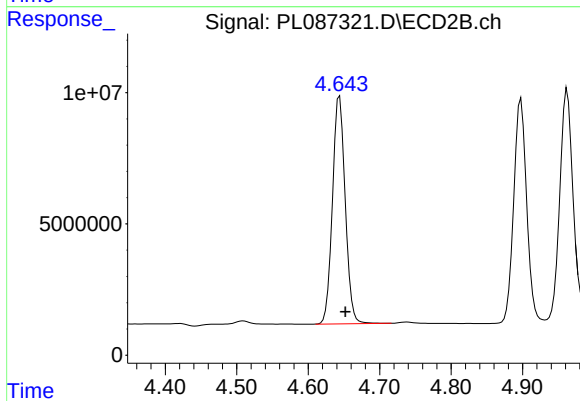
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.007 min
Response: 123845261
Conc: 50.63 ng/ml



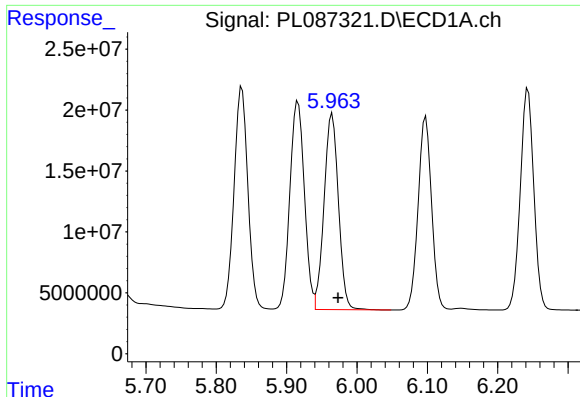
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 239247079
Conc: 50.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 107611625
Conc: 48.36 ng/ml



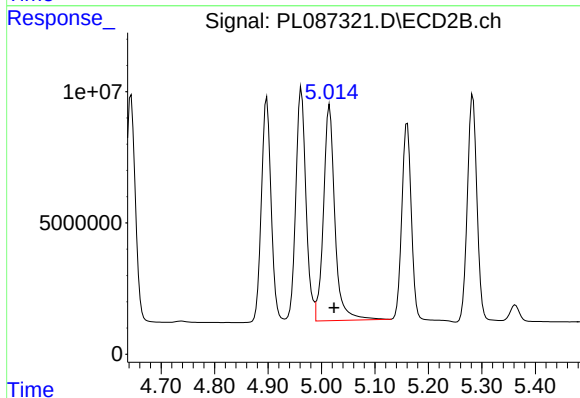
#9 Endosulfan I

R.T.: 5.965 min
Delta R.T.: -0.009 min
Response: 228368568
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157966BS

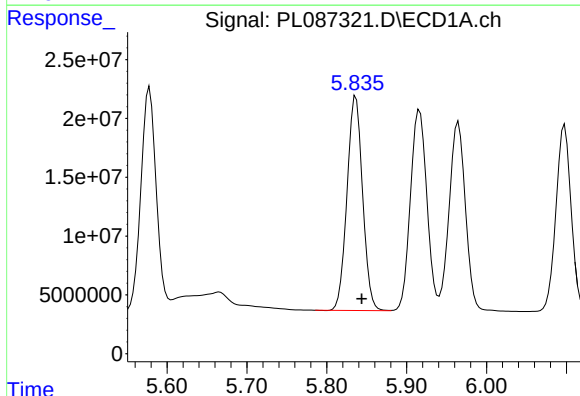
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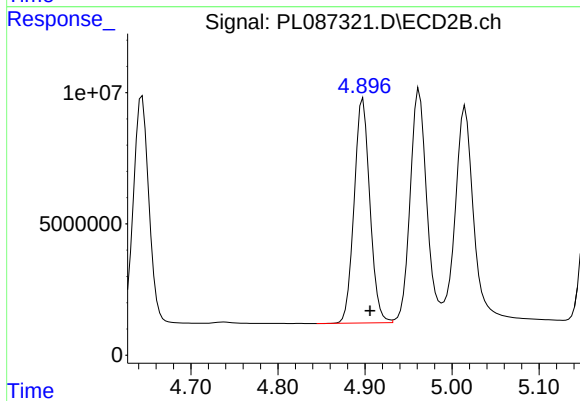
#9 Endosulfan I

R.T.: 5.015 min
Delta R.T.: -0.008 min
Response: 122156435
Conc: 56.52 ng/ml



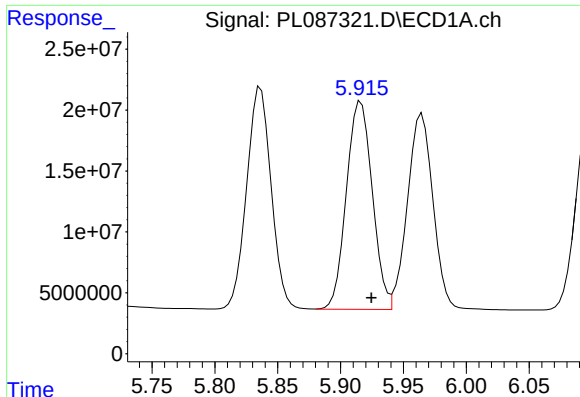
#10 gamma-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.007 min
Response: 247113757
Conc: 50.97 ng/ml



#10 gamma-Chlordane

R.T.: 4.898 min
Delta R.T.: -0.008 min
Response: 107514293
Conc: 47.00 ng/ml



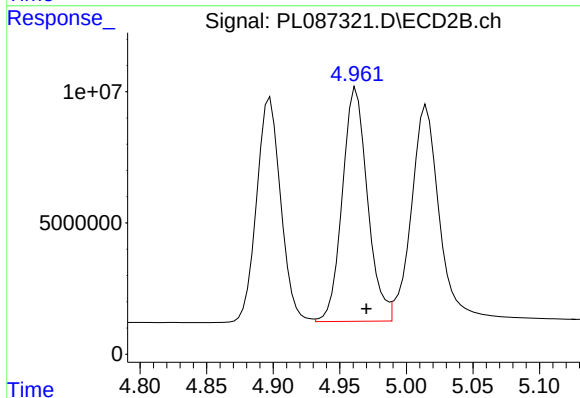
#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.008 min
Response: 244838494
Conc: 50.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157966BS

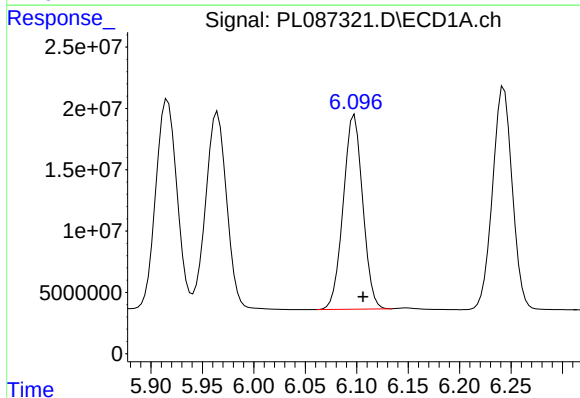
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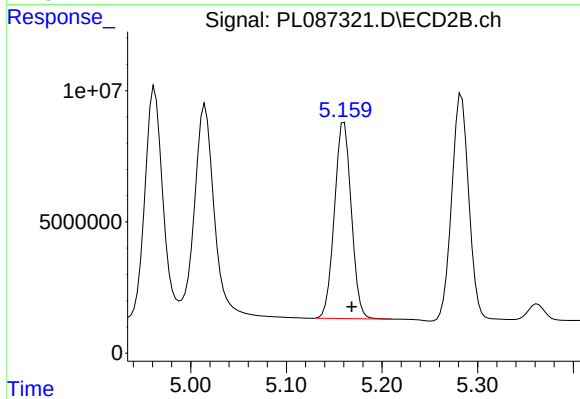
#11 alpha-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.008 min
Response: 117113231
Conc: 50.74 ng/ml



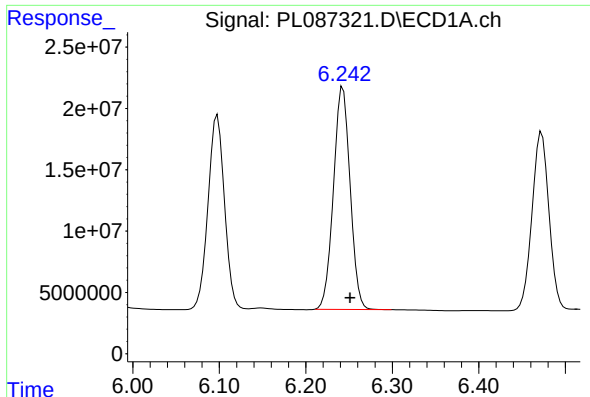
#12 4,4'-DDE

R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 208996648
Conc: 50.43 ng/ml



#12 4,4'-DDE

R.T.: 5.160 min
Delta R.T.: -0.008 min
Response: 91512047
Conc: 46.09 ng/ml



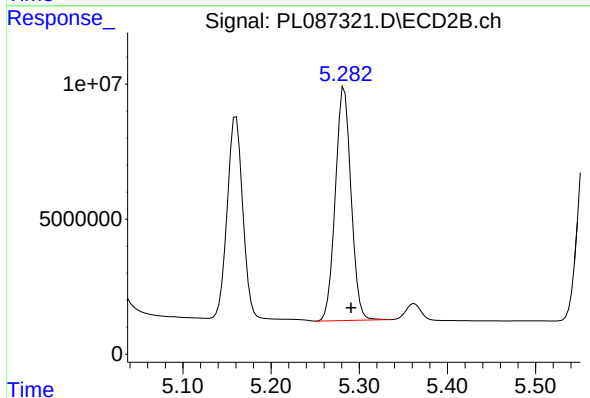
#13 Dieldrin

R.T.: 6.243 min
Delta R.T.: -0.008 min
Response: 241723129
Conc: 52.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157966BS

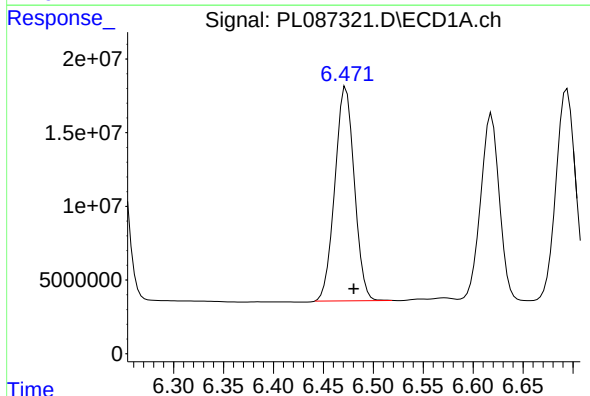
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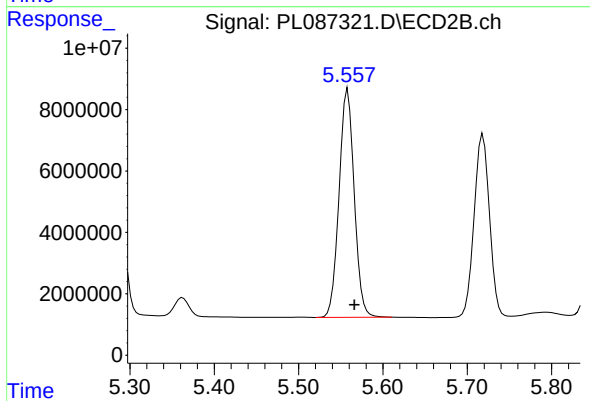
#13 Dieldrin

R.T.: 5.283 min
Delta R.T.: -0.008 min
Response: 106865420
Conc: 47.97 ng/ml



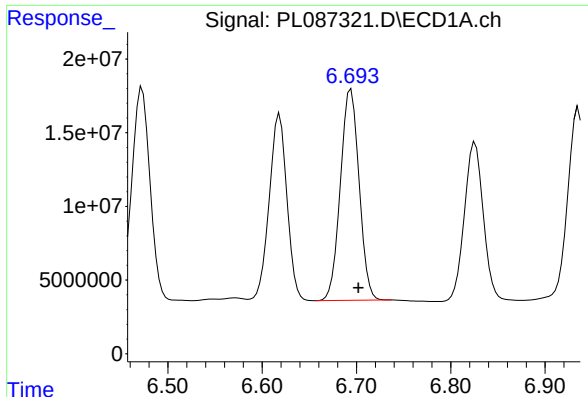
#14 Endrin

R.T.: 6.473 min
Delta R.T.: -0.008 min
Response: 197106505
Conc: 51.23 ng/ml



#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.008 min
Response: 92899133
Conc: 46.55 ng/ml



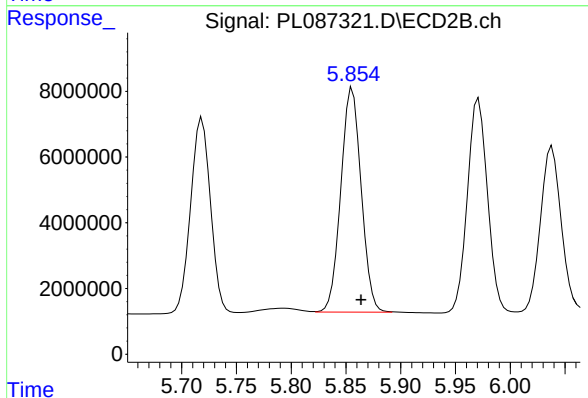
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: -0.008 min
Response: 197655949
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157966BS

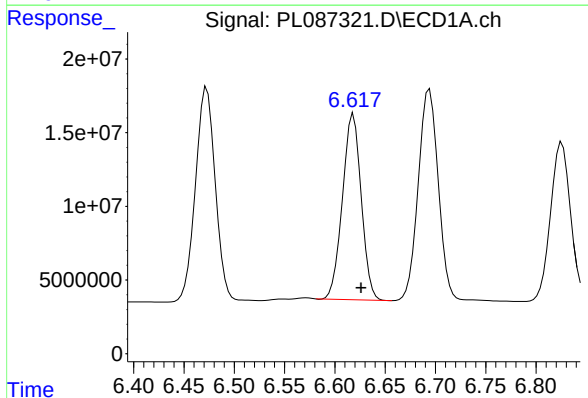
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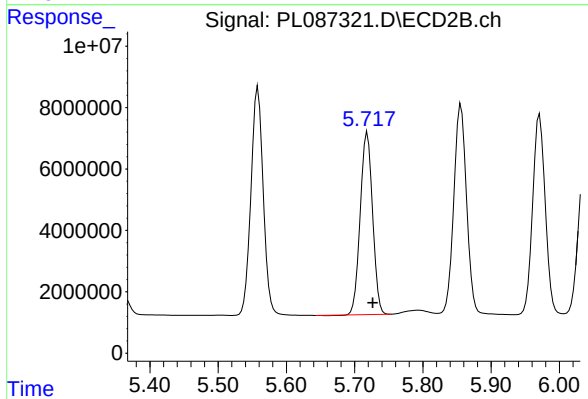
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.009 min
Response: 88223839
Conc: 45.31 ng/ml m



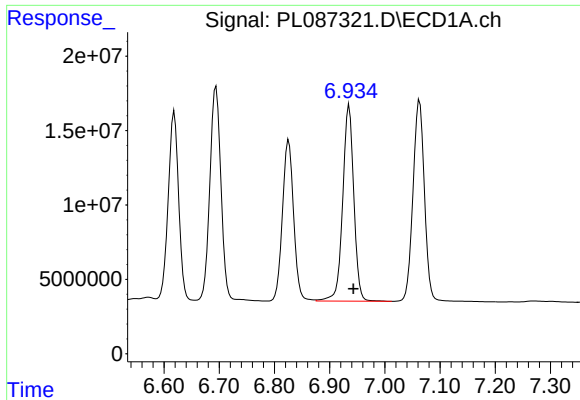
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.007 min
Response: 163408518
Conc: 49.44 ng/ml



#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: -0.008 min
Response: 74564337
Conc: 45.03 ng/ml



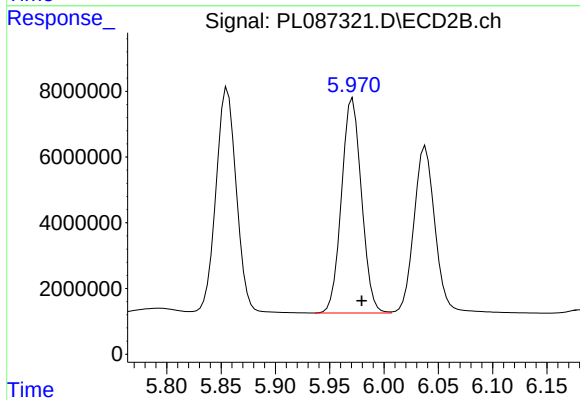
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: -0.008 min
Response: 184486744
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157966BS

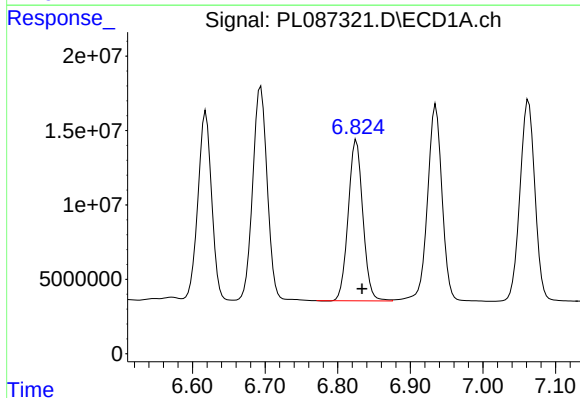
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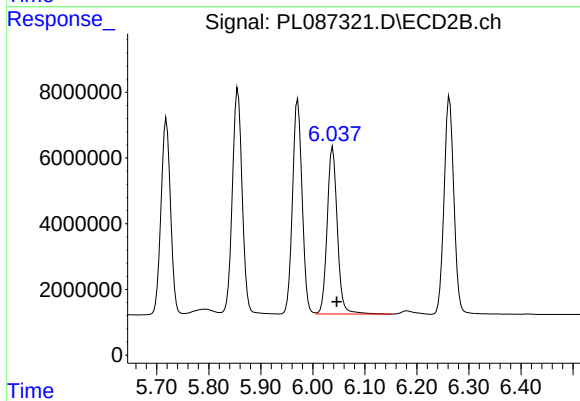
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.008 min
Response: 83647868
Conc: 45.35 ng/ml



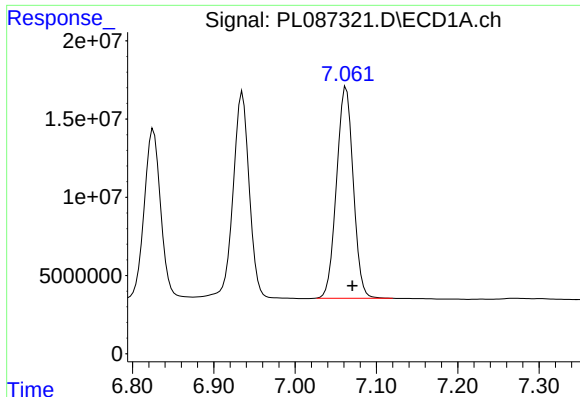
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: -0.008 min
Response: 151852679
Conc: 52.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.038 min
Delta R.T.: -0.008 min
Response: 69153288
Conc: 47.12 ng/ml



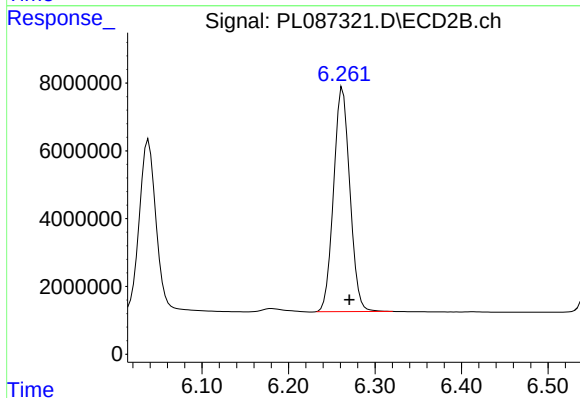
#19 Endosulfan Sulfate

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 192834876
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157966BS

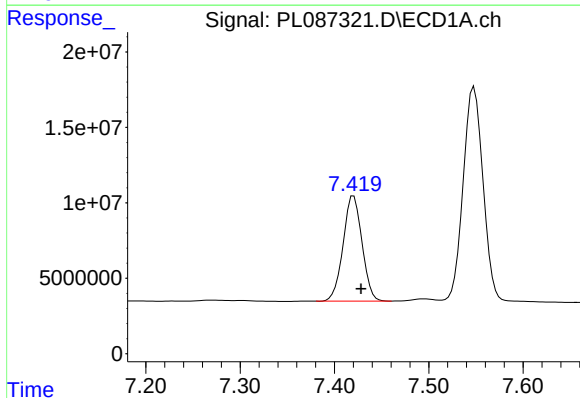
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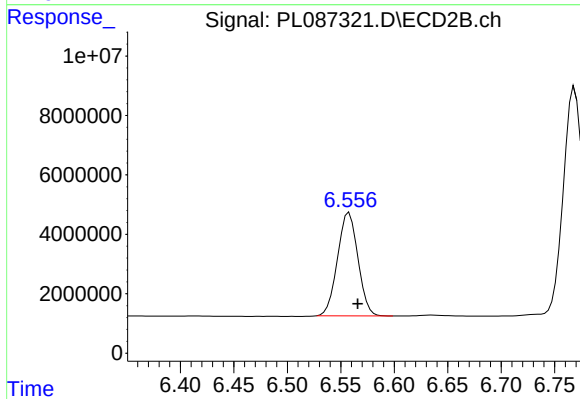
#19 Endosulfan Sulfate

R.T.: 6.263 min
Delta R.T.: -0.008 min
Response: 86143906
Conc: 45.73 ng/ml



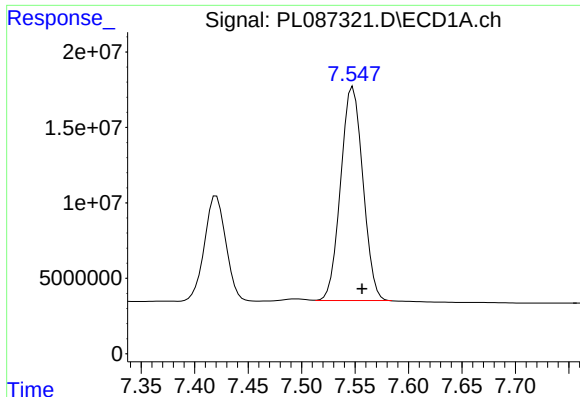
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 97175073
Conc: 49.84 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 46331809
Conc: 45.36 ng/ml



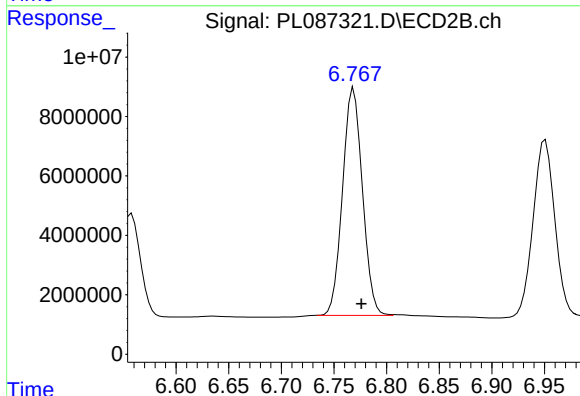
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 205071097
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157966BS

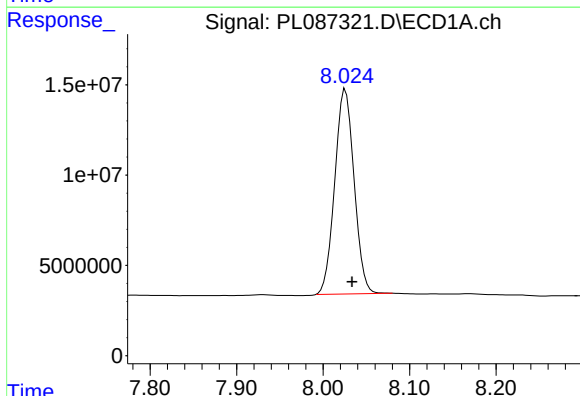
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/22/2023
Supervised By :Ankita Jodhani 12/22/2023



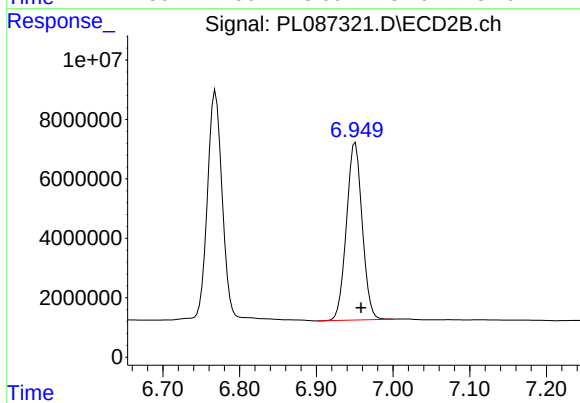
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.009 min
Response: 101032511
Conc: 47.46 ng/ml m



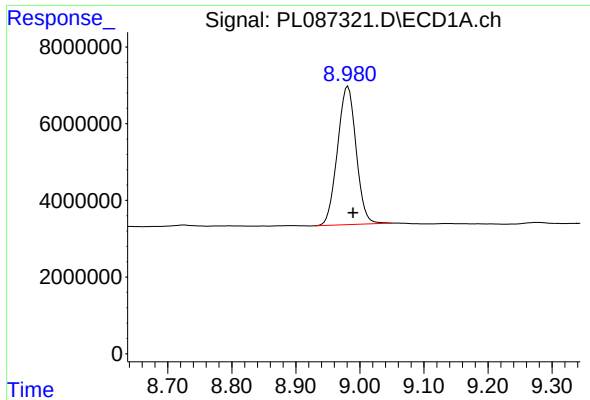
#22 Mirex

R.T.: 8.026 min
Delta R.T.: -0.008 min
Response: 175463830
Conc: 52.10 ng/ml



#22 Mirex

R.T.: 6.951 min
Delta R.T.: -0.008 min
Response: 85751360
Conc: 48.20 ng/ml



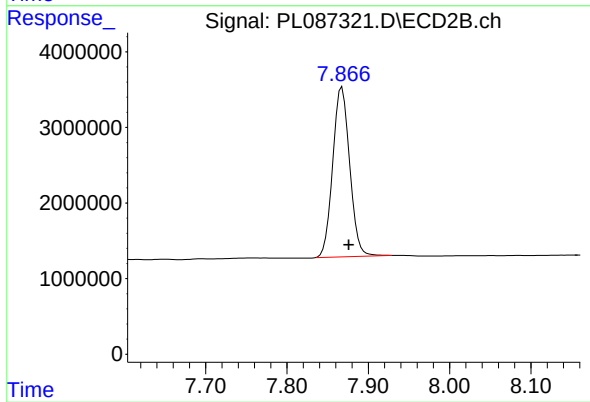
#28 Decachlorobiphenyl

R.T.: 8.981 min
Delta R.T.: -0.008 min
Response: 72832855
Conc: 21.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157966BS

Manual Integrations
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Supervised By :Ankita Jodhani 12/22/2023



#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: -0.008 min
Response: 32628338
Conc: 19.32 ng/ml