

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101923\
 Data File : PL086026.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Oct 2023 11:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/20/2023
 Supervised By :Ankita Jodhani 10/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 16:48:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.362	2.622	127.7E6	39507359	42.931	42.294
28)	SA Decachlor...	8.863	7.776	115.0E6	48746723	52.787	52.814
Target Compounds							
2)	A alpha-BHC	3.817	3.121	188.0E6	53762545	43.792	42.732
3)	MA gamma-BHC...	4.147	3.448	183.8E6	53841097	44.477m	43.655
4)	MA Heptachlor	4.735	3.785	179.2E6	53073673	46.329	45.633
5)	MB Aldrin	5.075	4.062	173.3E6	51774270	44.694	46.299
6)	B beta-BHC	4.351	3.750	75736825	23955947	45.801	46.017
7)	B delta-BHC	4.594	3.976	176.4E6	53360185	46.015	46.442
8)	B Heptachlo...	5.505	4.567	151.4E6	49705860	43.887	49.488
9)	A Endosulfan I	5.889	4.934	143.5E6	44806635	44.371	41.768
10)	B gamma-Chl...	5.763	4.818	154.7E6	48893423	45.211	49.368
11)	B alpha-Chl...	5.841	4.882	154.8E6	49416344	45.296	45.306
12)	B 4,4'-DDE	6.025	5.081	134.9E6	43746114	48.245	53.275
13)	MA Dieldrin	6.165	5.200	147.3E6	48270296	44.819	49.752
14)	MA Endrin	6.394	5.474	127.8E6	43012767	44.835	47.845
15)	B Endosulfa...	6.615	5.771	131.0E6	44310286	47.536	46.596
16)	A 4,4'-DDD	6.544	5.638	108.1E6	37245998	53.644	53.511
17)	MA 4,4'-DDT	6.858	5.889	111.1E6	41194082	47.119	52.095
18)	B Endrin al...	6.747	5.953	91587553	35711858	45.189	47.890
19)	B Endosulfa...	6.983	6.177	121.9E6	43923300	48.590	48.689
20)	A Methoxychlor	7.343	6.473	63692175	24674567	45.605	46.903
21)	B Endrin ke...	7.465	6.679	131.8E6	55306738	45.746	48.117
22)	Mirex	7.937	6.856	100.7E6	44798827	45.505	47.498

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101923\
Data File : PL086026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2023 11:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

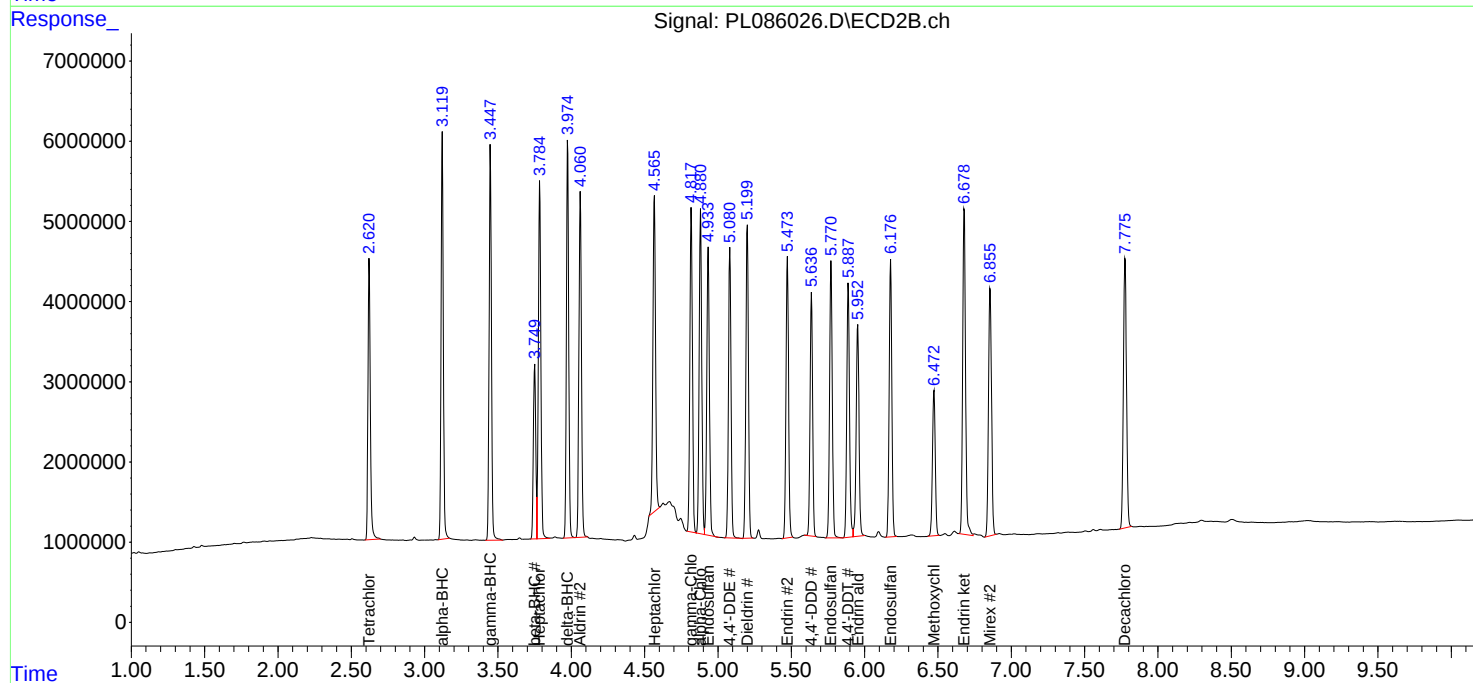
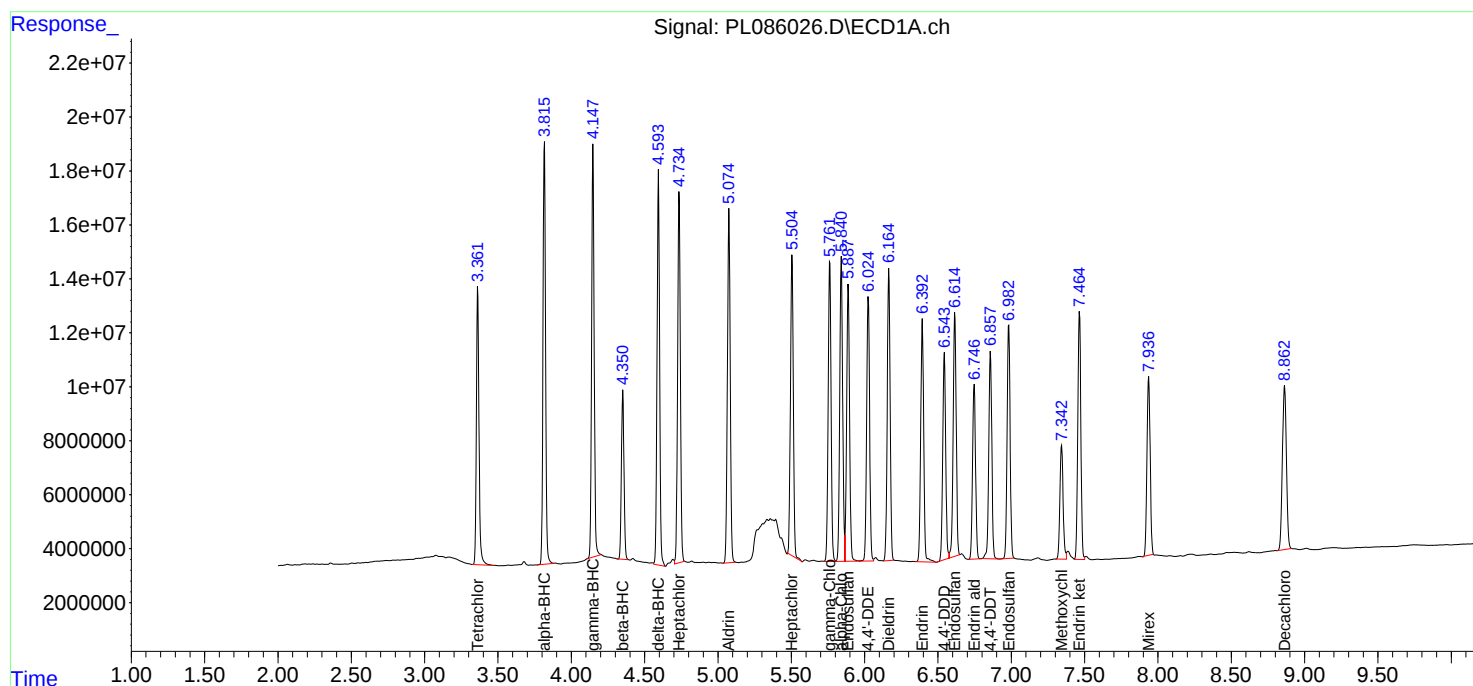
APPROVED

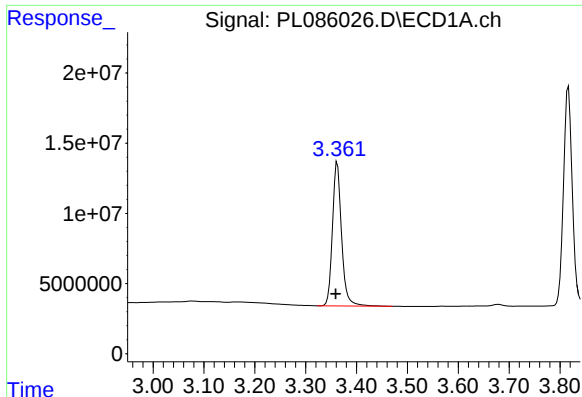
Reviewed By :Abdul Mirza 10/20/2023

Supervised By :Ankita Jodhani 10/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 16:48:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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.: 3.362 min
Delta R.T.: 0.003 min
Response: 127684057
Conc: 42.93 ng/ml

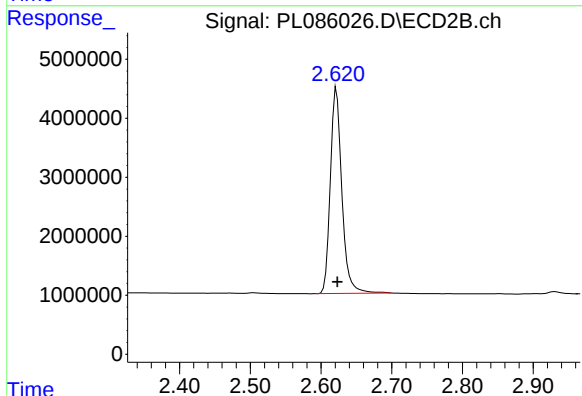
Instrument :

ECD_L

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PSTDCCC050

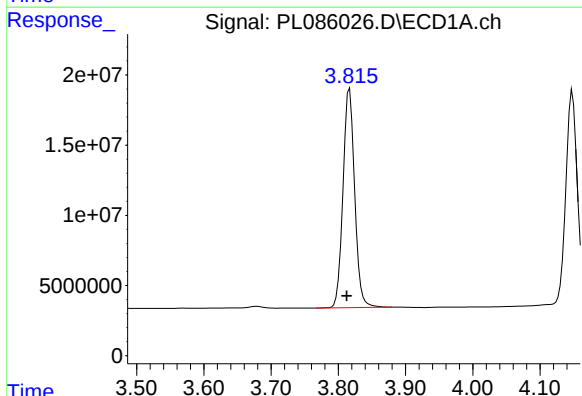
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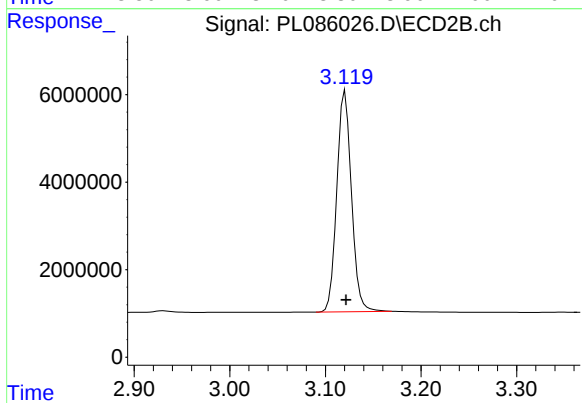
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 39507359
Conc: 42.29 ng/ml



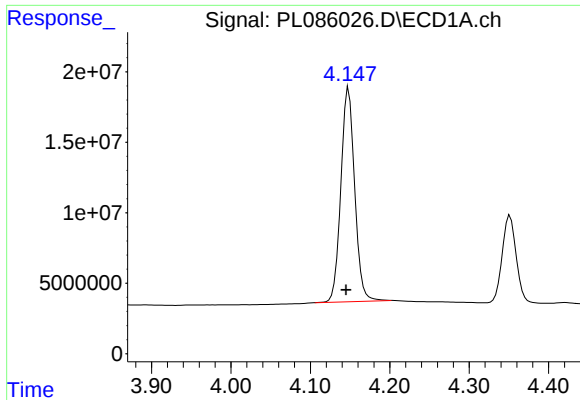
#2 alpha-BHC

R.T.: 3.817 min
Delta R.T.: 0.004 min
Response: 187951134
Conc: 43.79 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: -0.001 min
Response: 53762545
Conc: 42.73 ng/ml



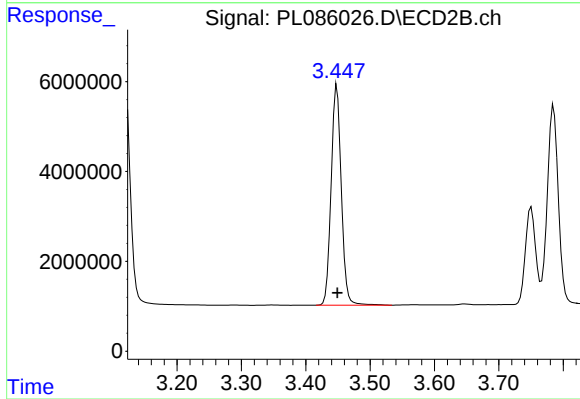
#3 gamma-BHC (Lindane)

R.T.: 4.147 min
Delta R.T.: 0.002 min
Response: 183835639
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

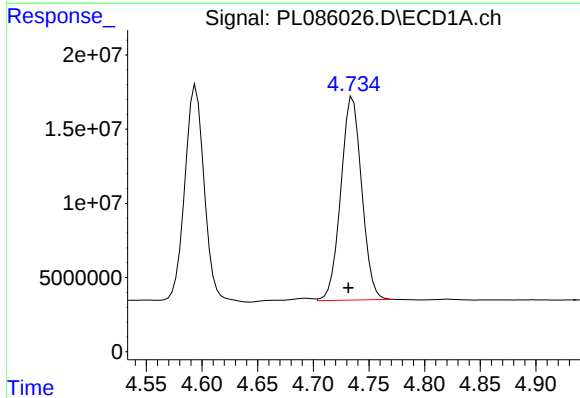
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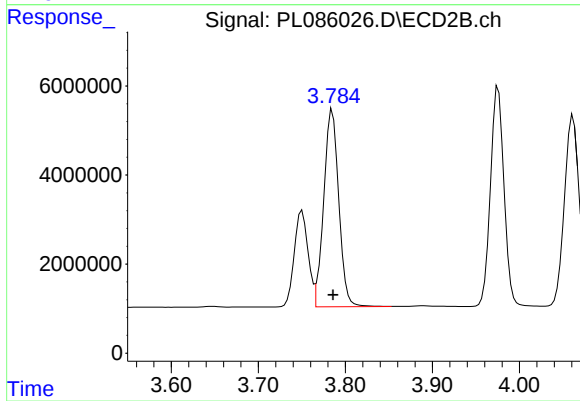
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 53841097
Conc: 43.65 ng/ml



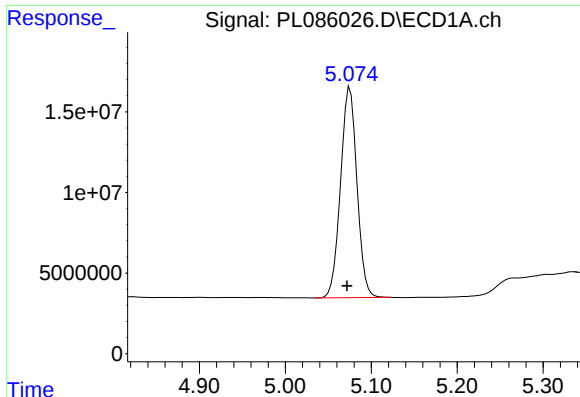
#4 Heptachlor

R.T.: 4.735 min
Delta R.T.: 0.004 min
Response: 179181349
Conc: 46.33 ng/ml



#4 Heptachlor

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 53073673
Conc: 45.63 ng/ml



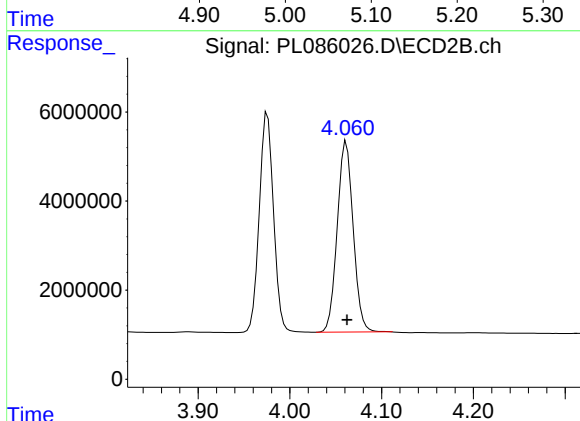
#5 Aldrin

R.T.: 5.075 min
Delta R.T.: 0.003 min
Response: 173250545
Conc: 44.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

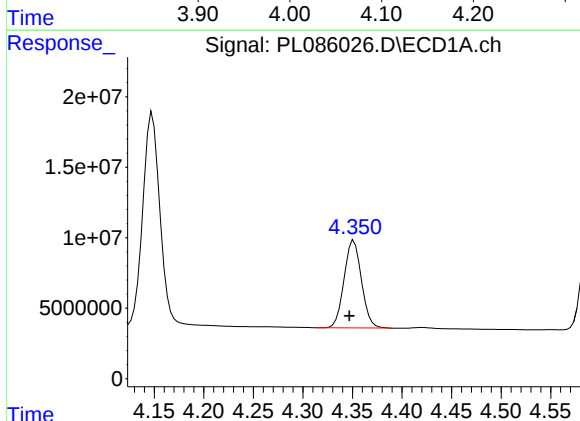
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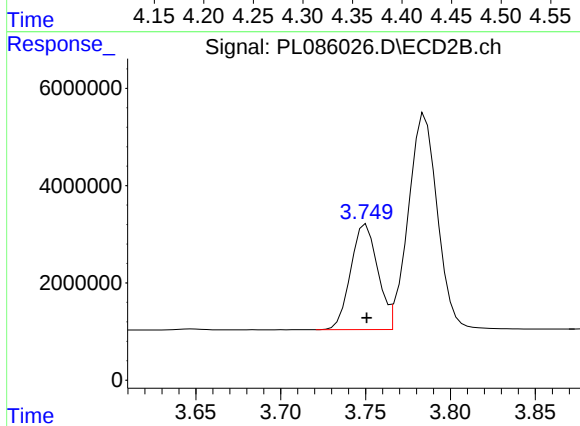
#5 Aldrin

R.T.: 4.062 min
Delta R.T.: 0.000 min
Response: 51774270
Conc: 46.30 ng/ml



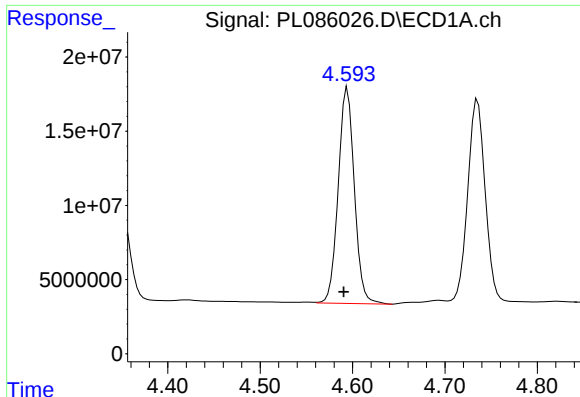
#6 beta-BHC

R.T.: 4.351 min
Delta R.T.: 0.004 min
Response: 75736825
Conc: 45.80 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 23955947
Conc: 46.02 ng/ml



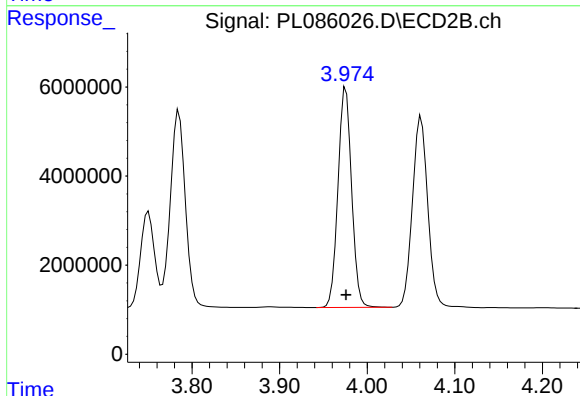
#7 delta-BHC

R.T.: 4.594 min
Delta R.T.: 0.004 min
Response: 176441212
Conc: 46.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

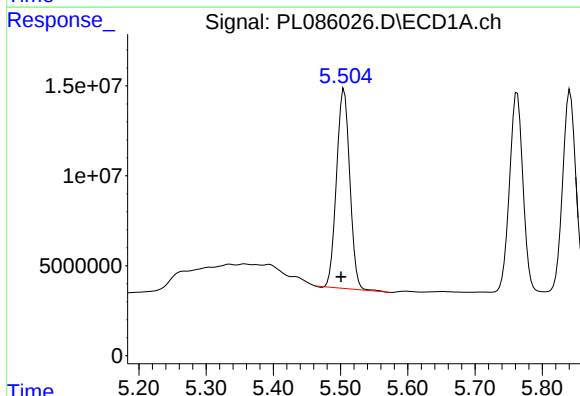
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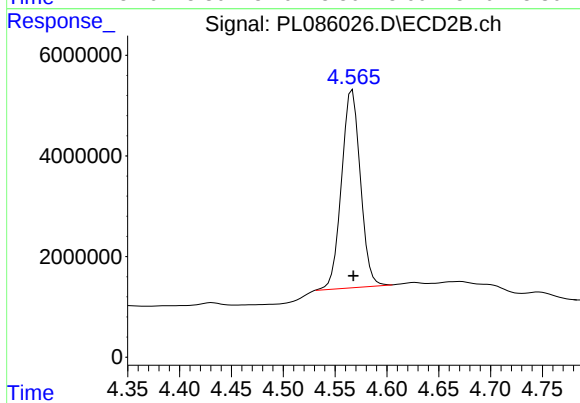
#7 delta-BHC

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 53360185
Conc: 46.44 ng/ml



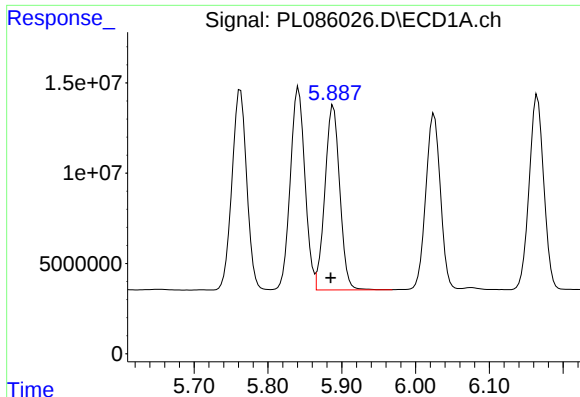
#8 Heptachlor epoxide

R.T.: 5.505 min
Delta R.T.: 0.004 min
Response: 151400661
Conc: 43.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 49705860
Conc: 49.49 ng/ml



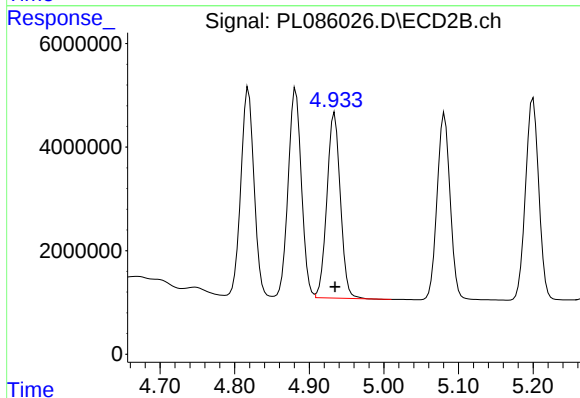
#9 Endosulfan I

R.T.: 5.889 min
Delta R.T.: 0.004 min
Response: 143496846
Conc: 44.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

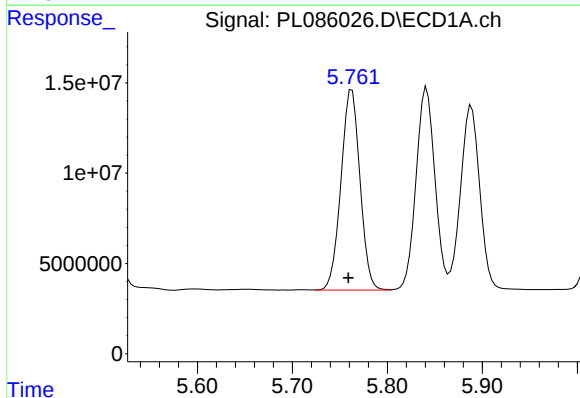
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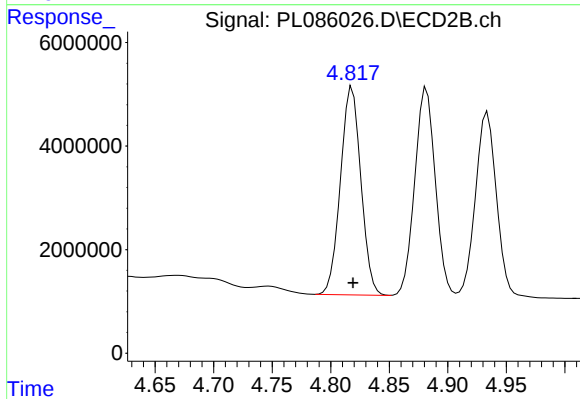
#9 Endosulfan I

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 44806635
Conc: 41.77 ng/ml



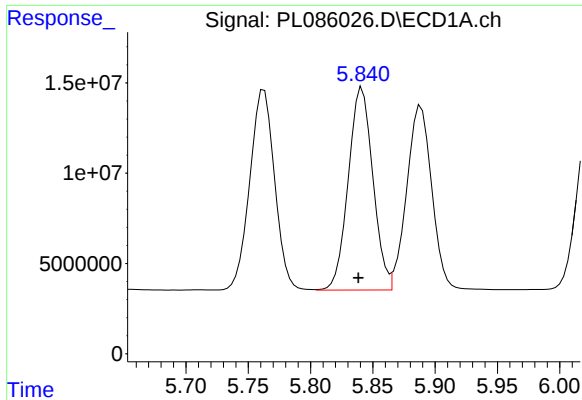
#10 gamma-Chlordane

R.T.: 5.763 min
Delta R.T.: 0.004 min
Response: 154685849
Conc: 45.21 ng/ml



#10 gamma-Chlordane

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 48893423
Conc: 49.37 ng/ml



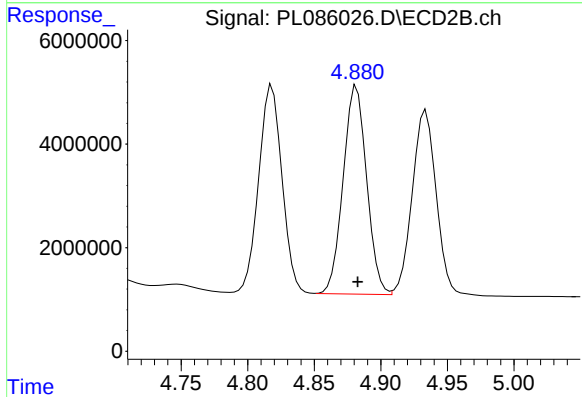
#11 alpha-Chlordane

R.T.: 5.841 min
Delta R.T.: 0.003 min
Response: 154807074
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

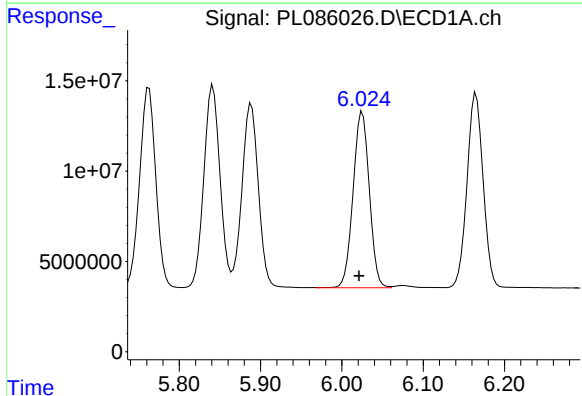
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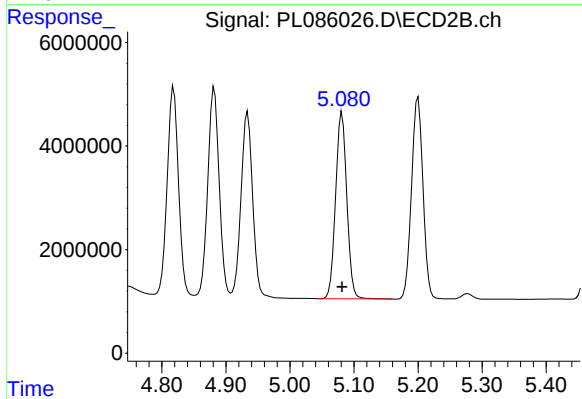
#11 alpha-Chlordane

R.T.: 4.882 min
Delta R.T.: 0.000 min
Response: 49416344
Conc: 45.31 ng/ml



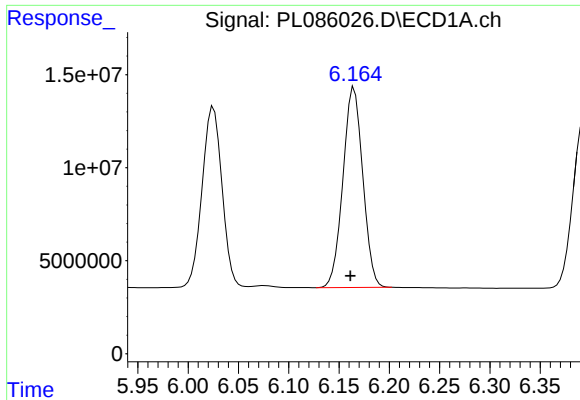
#12 4,4'-DDE

R.T.: 6.025 min
Delta R.T.: 0.004 min
Response: 134918053
Conc: 48.24 ng/ml



#12 4,4'-DDE

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 43746114
Conc: 53.28 ng/ml



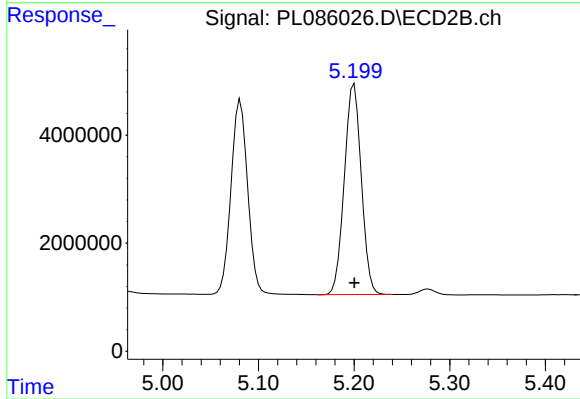
#13 Dieldrin

R.T.: 6.165 min
Delta R.T.: 0.003 min
Response: 147275936
Conc: 44.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

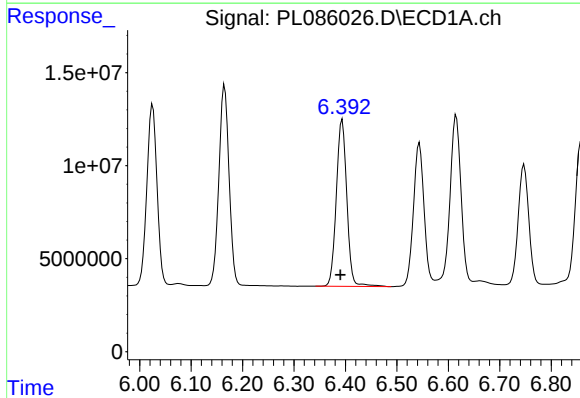
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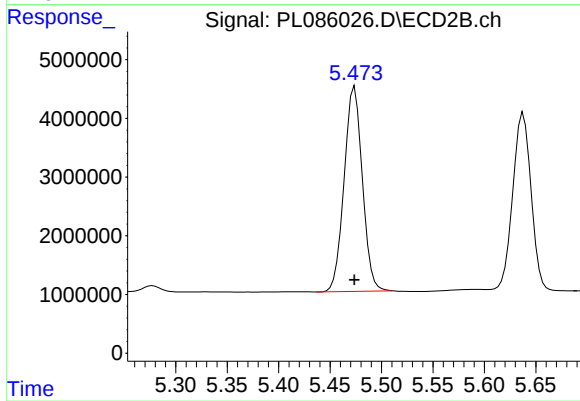
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 48270296
Conc: 49.75 ng/ml



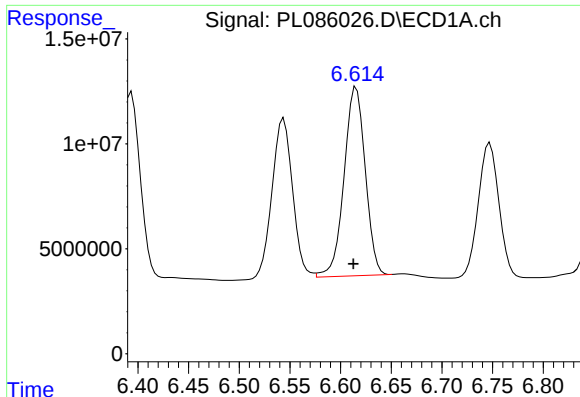
#14 Endrin

R.T.: 6.394 min
Delta R.T.: 0.004 min
Response: 127769643
Conc: 44.84 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 43012767
Conc: 47.84 ng/ml



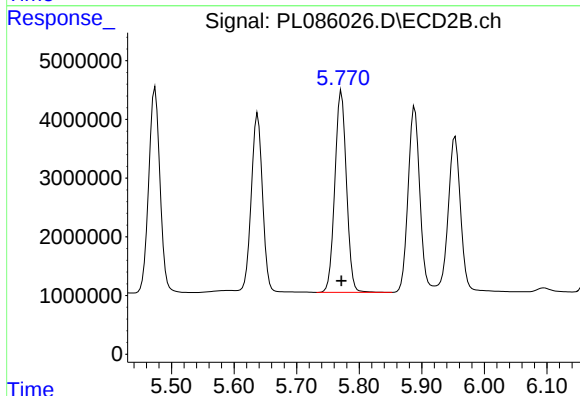
#15 Endosulfan II

R.T.: 6.615 min
Delta R.T.: 0.003 min
Response: 130985104
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

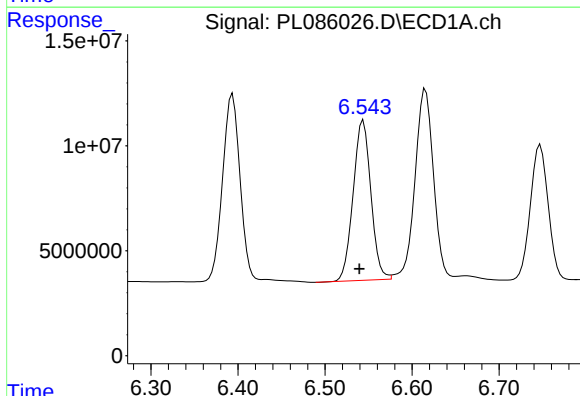
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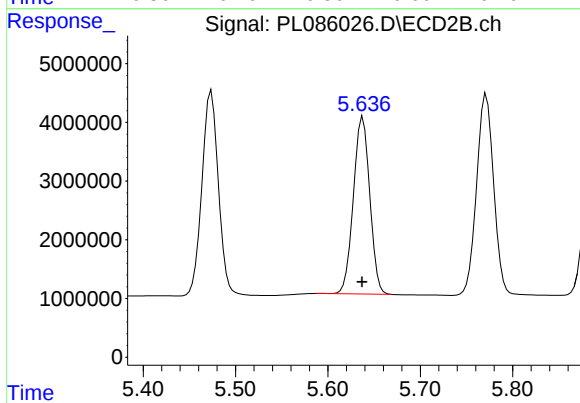
#15 Endosulfan II

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 44310286
Conc: 46.60 ng/ml



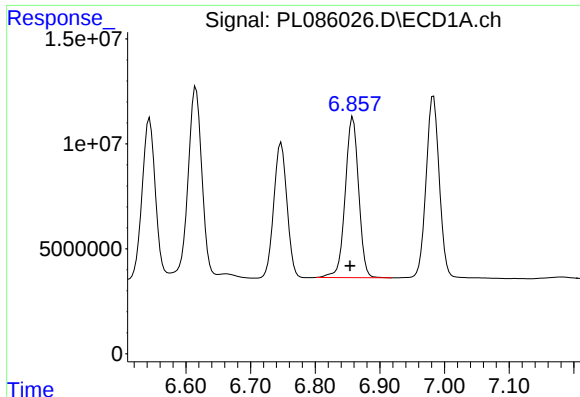
#16 4,4'-DDD

R.T.: 6.544 min
Delta R.T.: 0.005 min
Response: 108073923
Conc: 53.64 ng/ml



#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 37245998
Conc: 53.51 ng/ml



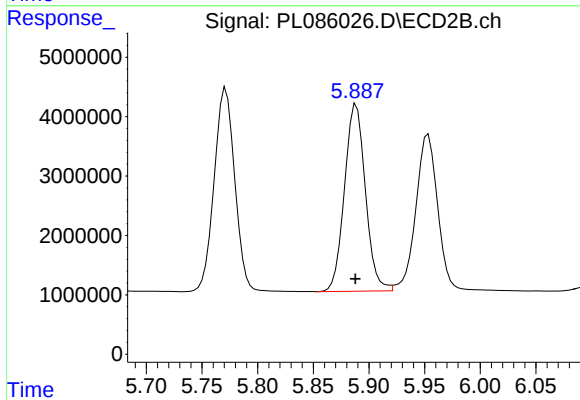
#17 4,4'-DDT

R.T.: 6.858 min
Delta R.T.: 0.004 min
Response: 111063270
Conc: 47.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

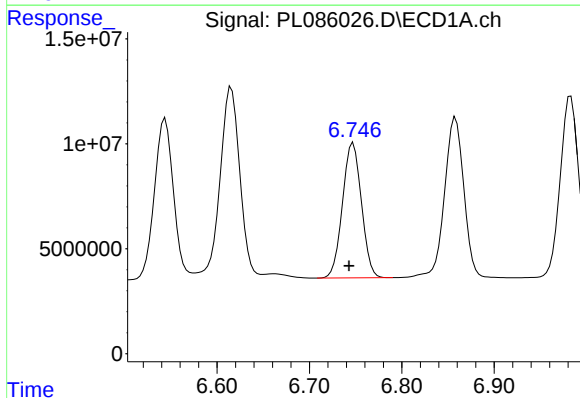
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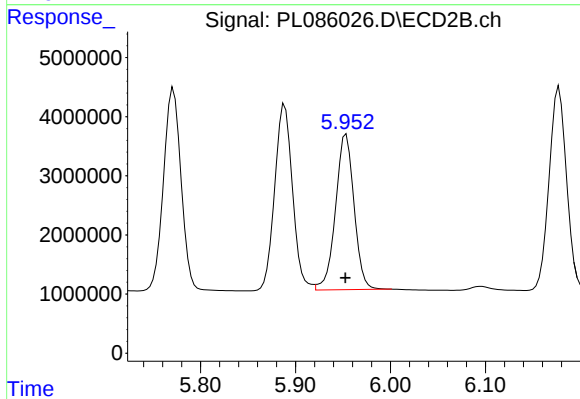
#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 41194082
Conc: 52.09 ng/ml



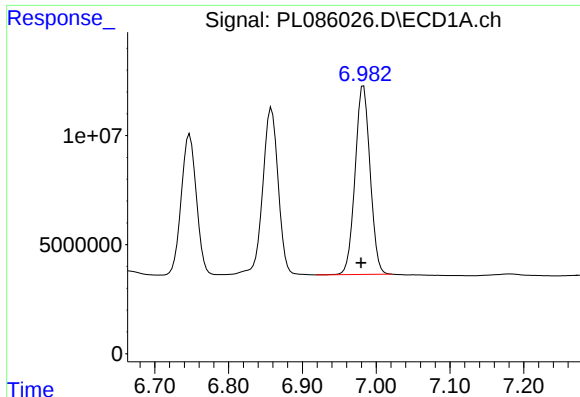
#18 Endrin aldehyde

R.T.: 6.747 min
Delta R.T.: 0.004 min
Response: 91587553
Conc: 45.19 ng/ml



#18 Endrin aldehyde

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 35711858
Conc: 47.89 ng/ml



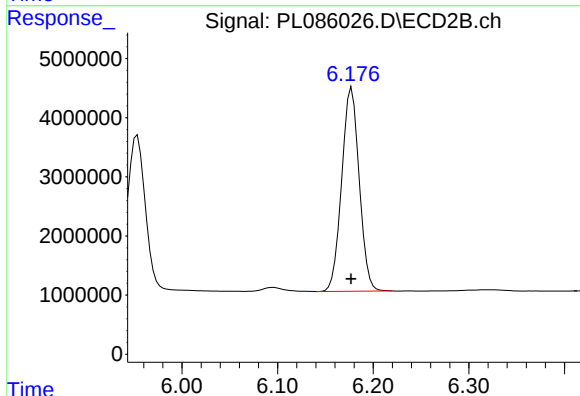
#19 Endosulfan Sulfate

R.T.: 6.983 min
Delta R.T.: 0.003 min
Response: 121948311
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

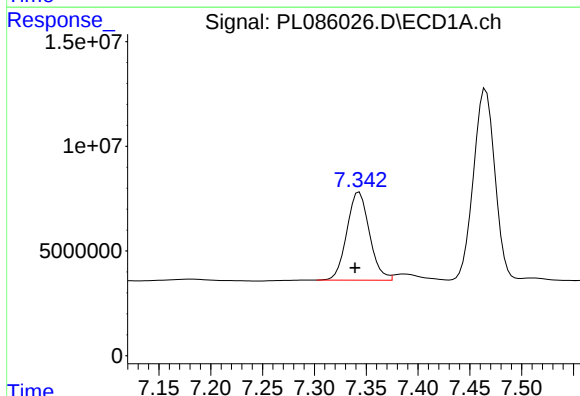
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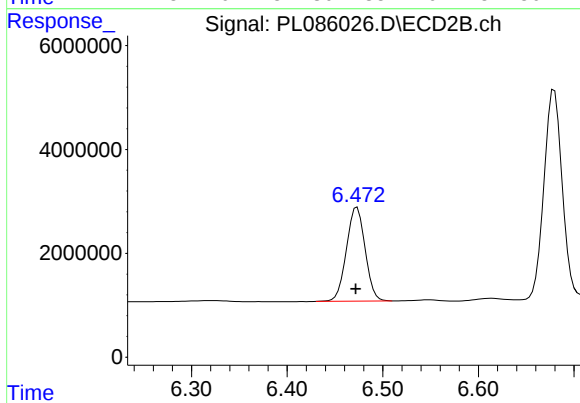
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 43923300
Conc: 48.69 ng/ml



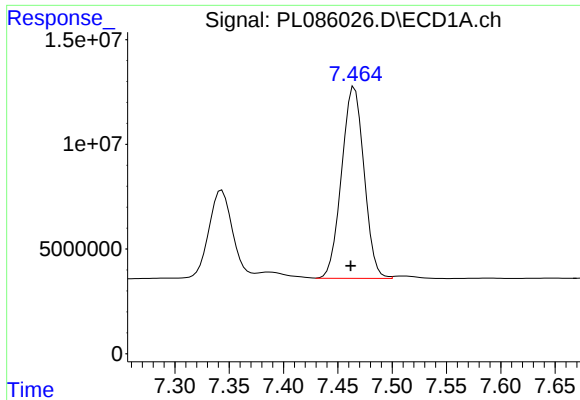
#20 Methoxychlor

R.T.: 7.343 min
Delta R.T.: 0.004 min
Response: 63692175
Conc: 45.60 ng/ml



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: 0.002 min
Response: 24674567
Conc: 46.90 ng/ml



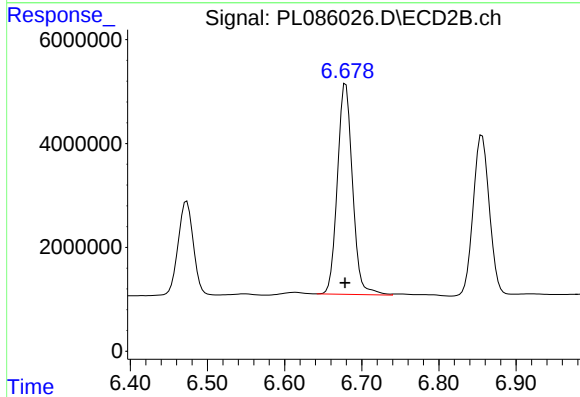
#21 Endrin ketone

R.T.: 7.465 min
Delta R.T.: 0.003 min
Response: 131761692
Conc: 45.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

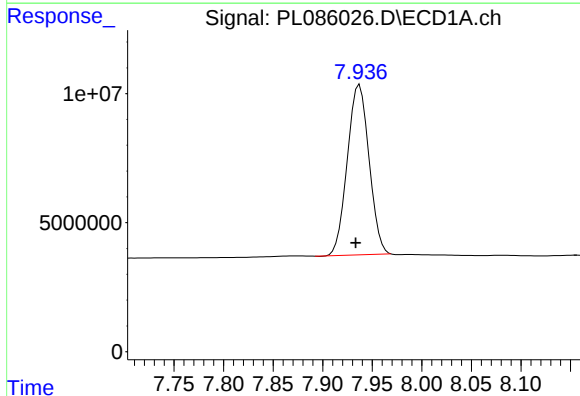
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



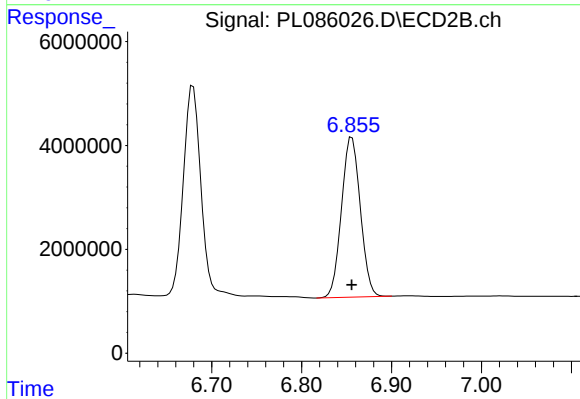
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 55306738
Conc: 48.12 ng/ml



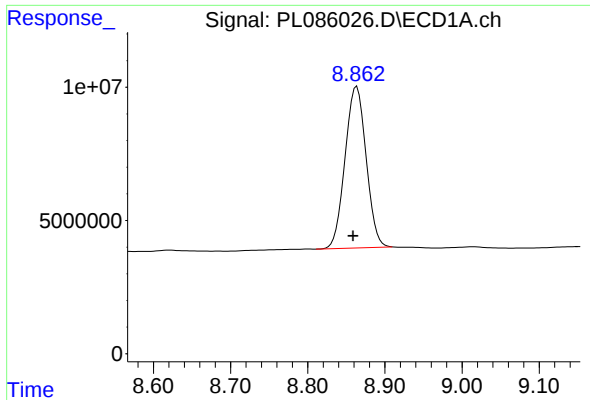
#22 Mirex

R.T.: 7.937 min
Delta R.T.: 0.004 min
Response: 100746545
Conc: 45.50 ng/ml



#22 Mirex

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 44798827
Conc: 47.50 ng/ml



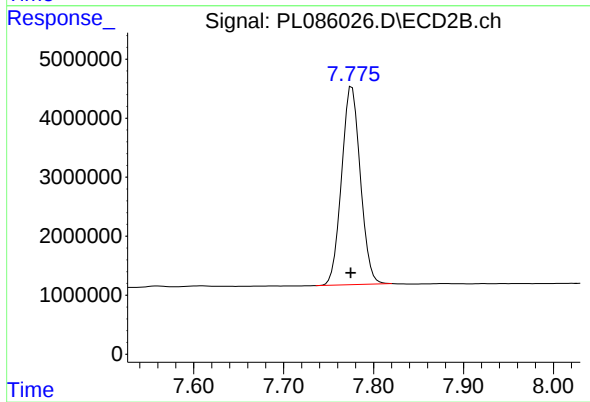
#28 Decachlorobiphenyl

R.T.: 8.863 min
Delta R.T.: 0.005 min
Response: 114973704
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: 0.001 min
Response: 48746723
Conc: 52.81 ng/ml