

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
 Data File : PL087372.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2023 13:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/26/2023
 Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 20:01:28 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	2.679	209.2E6	86405689	55.581	51.331
28)	SA Decachlor...	8.979	7.867	175.8E6	76510947	51.567	45.301
Target Compounds							
2)	A alpha-BHC	3.879	3.181	311.5E6	129.7E6	57.543	52.781m
3)	MA gamma-BHC...	4.212	3.513	294.9E6	122.4E6	56.108	50.515
4)	MA Heptachlor	4.803	3.855	283.6E6	116.6E6	53.246m	48.764
5)	MB Aldrin	5.147	4.136	274.6E6	115.8E6	52.743	48.315
6)	B beta-BHC	4.412	3.815	123.2E6	50911733	53.639	48.907
7)	B delta-BHC	4.656	4.044	289.0E6	122.9E6	55.262m	50.226
8)	B Heptachlo...	5.578	4.644	242.8E6	105.2E6	51.524	47.278
9)	A Endosulfan I	5.965	5.015	221.7E6	100.2E6	49.631	46.351
10)	B gamma-Chl...	5.836	4.897	250.2E6	107.2E6	51.604	46.855
11)	B alpha-Chl...	5.916	4.961	241.2E6	108.2E6	50.180	46.859
12)	B 4,4'-DDE	6.097	5.160	206.3E6	94266221	49.783	47.477
13)	MA Dieldrin	6.243	5.281	224.8E6	98091869	48.441	44.032m
14)	MA Endrin	6.473	5.557	170.8E6	90289628	44.406	45.243
15)	B Endosulfa...	6.694	5.855	183.9E6	83663087	45.865	42.970
16)	A 4,4'-DDD	6.618	5.718	168.5E6	80109420	50.995	48.383
17)	MA 4,4'-DDT	6.935	5.970	160.0E6	76925250	42.541	41.709
18)	B Endrin al...	6.825	6.036	136.2E6	63793423	47.007	43.467
19)	B Endosulfa...	7.062	6.262	171.8E6	83468030	43.755	44.308
20)	A Methoxychlor	7.420	6.556	83959657	42121845	43.058	41.240
21)	B Endrin ke...	7.546	6.766	192.9E6	99025260	47.426m	46.519m
22)	Mirex	8.025	6.949	153.9E6	74934096	45.709	42.119

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
Data File : PL087372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Dec 2023 13:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

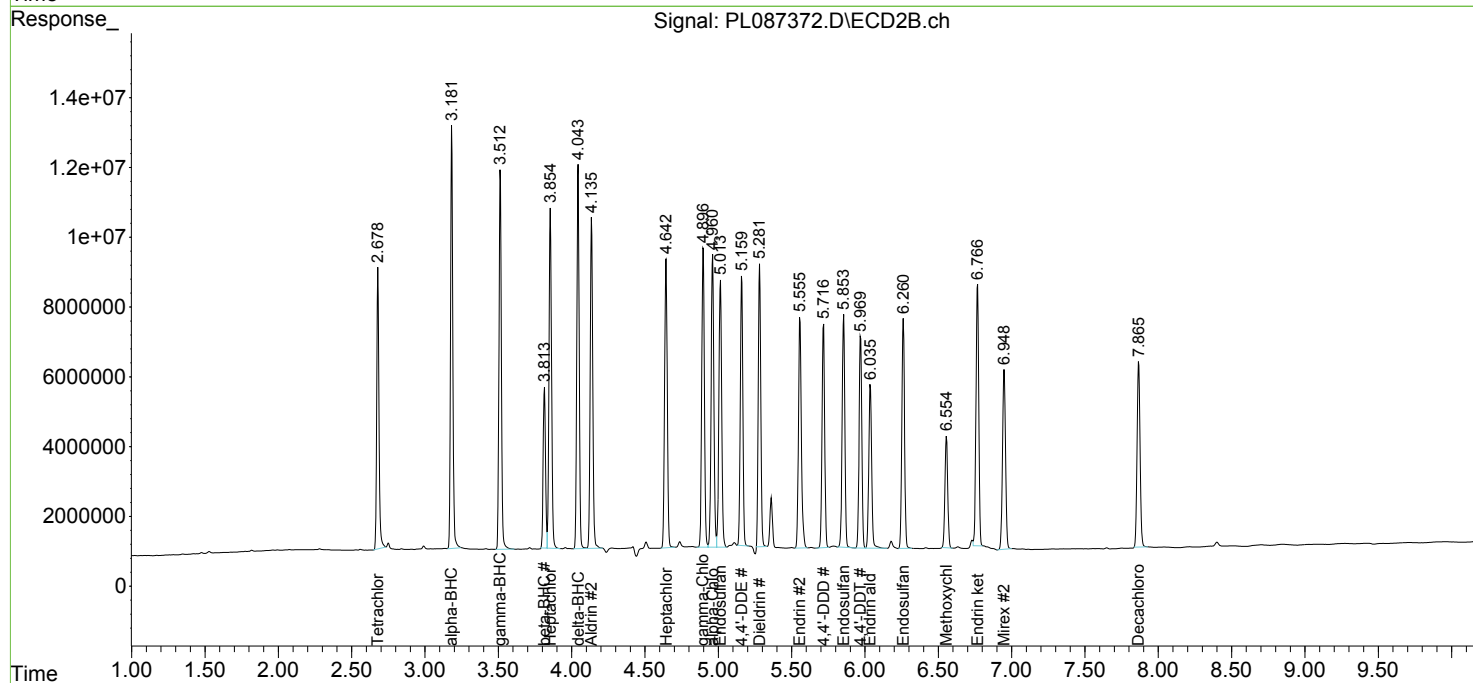
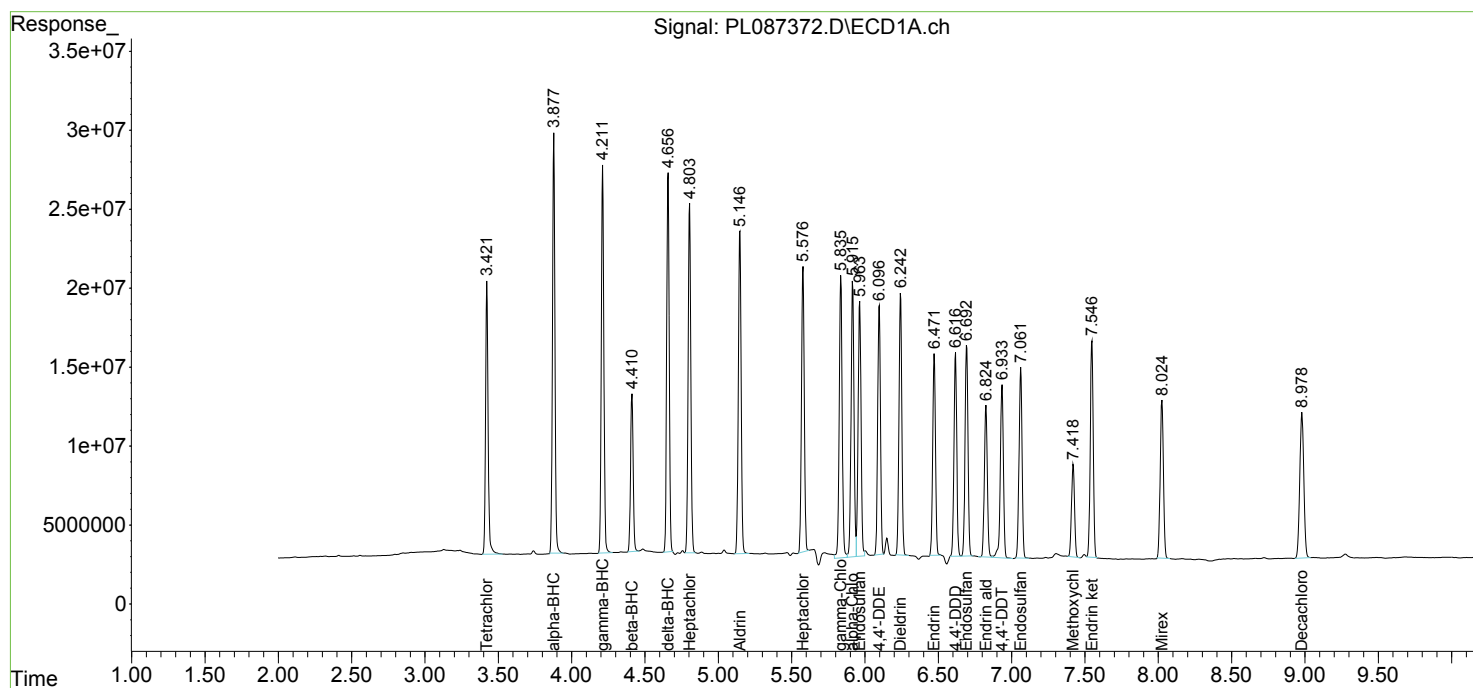
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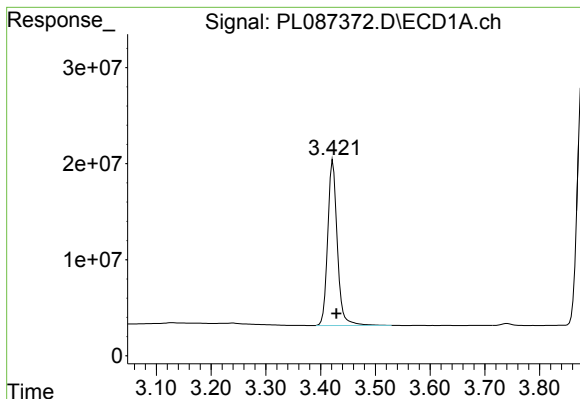
Reviewed By :Abdul Mirza 12/26/2023

Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 20:01:28 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





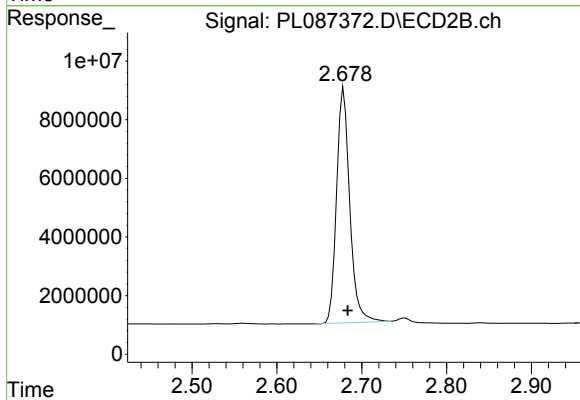
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 209174332
Conc: 55.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

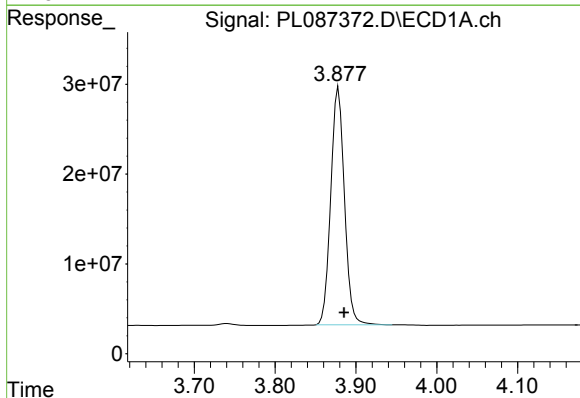
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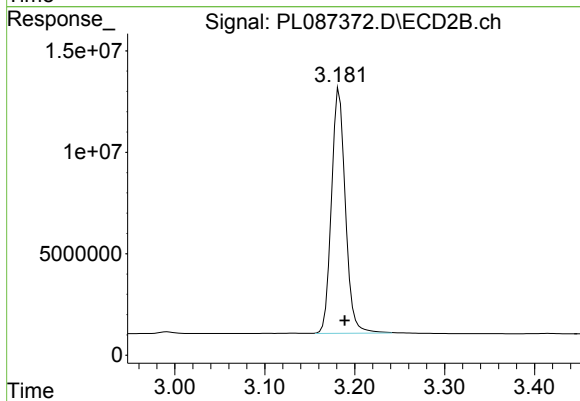
#1 Tetrachloro-m-xylene

R.T.: 2.679 min
Delta R.T.: -0.005 min
Response: 86405689
Conc: 51.33 ng/ml



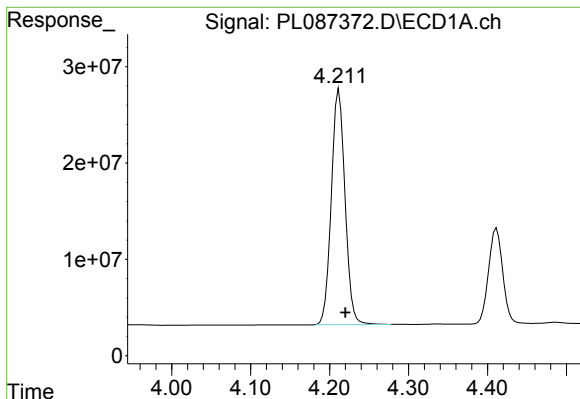
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.007 min
Response: 311548362
Conc: 57.54 ng/ml



#2 alpha-BHC

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 129713579
Conc: 52.78 ng/ml m



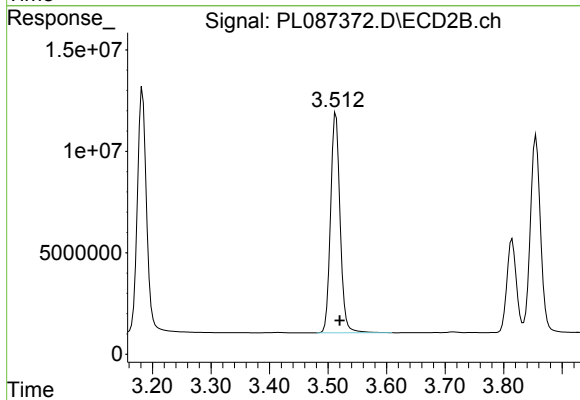
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 294887304
Conc: 56.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

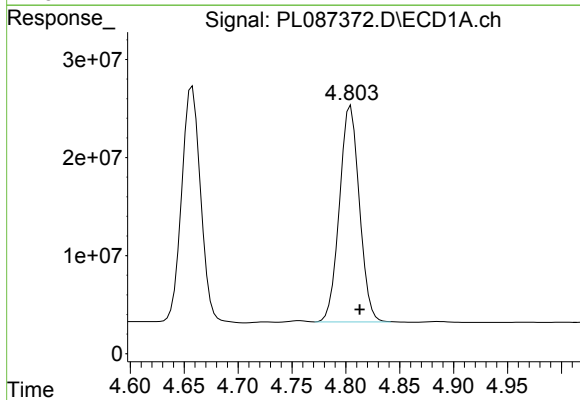
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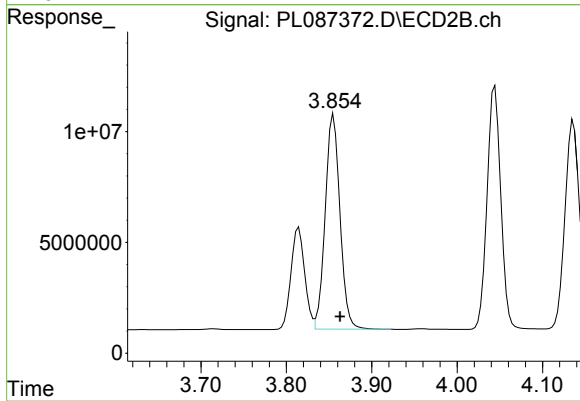
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 122366702
Conc: 50.51 ng/ml



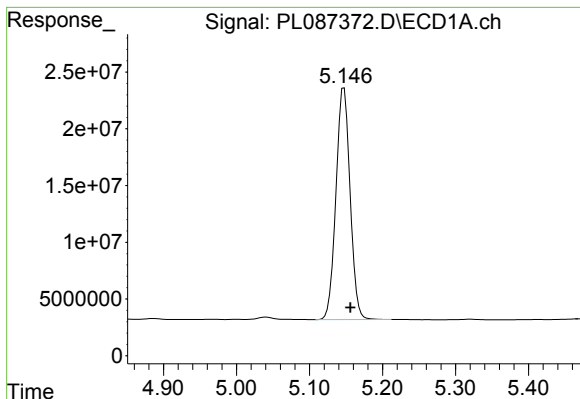
#4 Heptachlor

R.T.: 4.803 min
Delta R.T.: -0.010 min
Response: 283617256
Conc: 53.25 ng/ml m



#4 Heptachlor

R.T.: 3.855 min
Delta R.T.: -0.008 min
Response: 116561000
Conc: 48.76 ng/ml



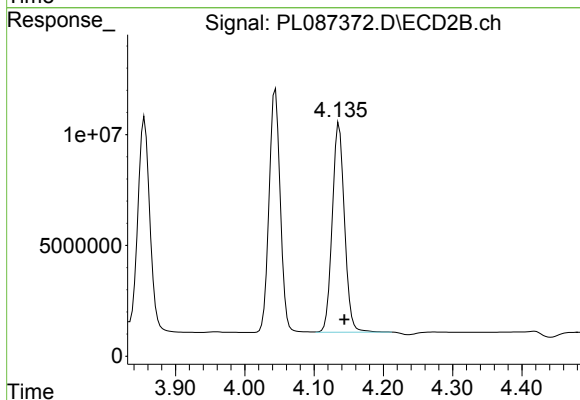
#5 Aldrin

R.T.: 5.147 min
Delta R.T.: -0.009 min
Response: 274603194
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

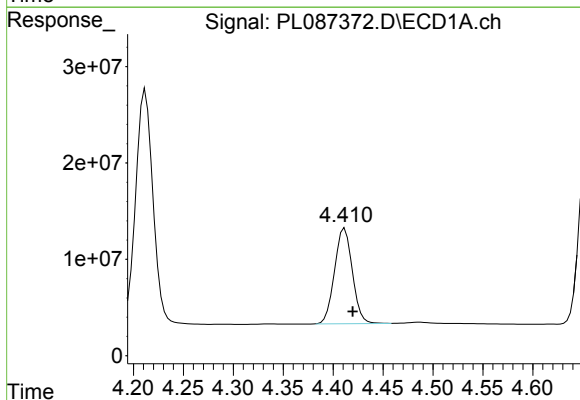
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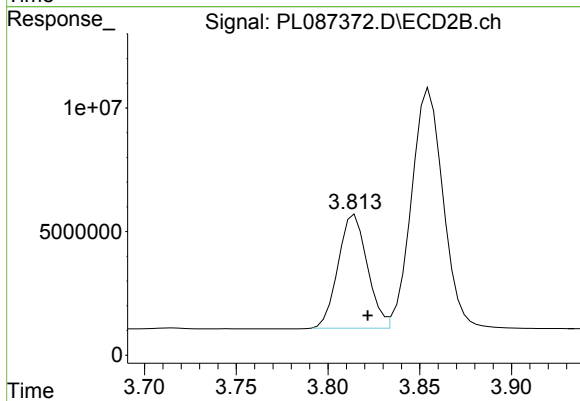
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.007 min
Response: 115847290
Conc: 48.31 ng/ml



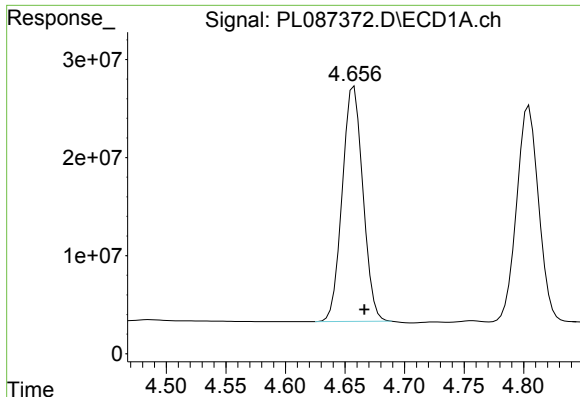
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.008 min
Response: 123196856
Conc: 53.64 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.007 min
Response: 50911733
Conc: 48.91 ng/ml



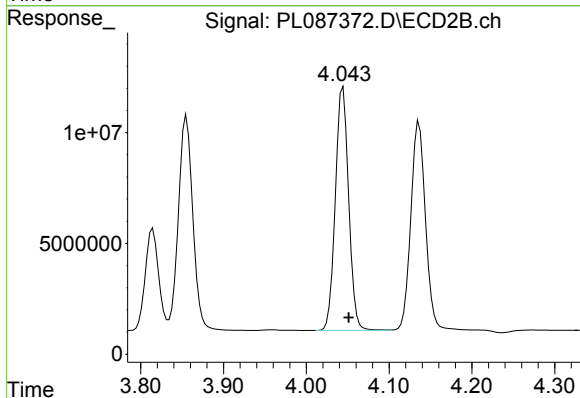
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.010 min
Response: 288986824
Conc: 55.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

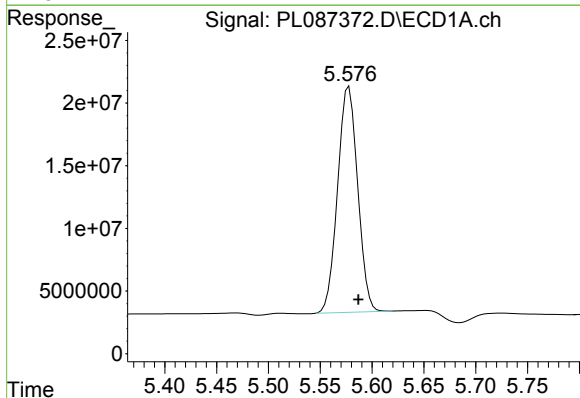
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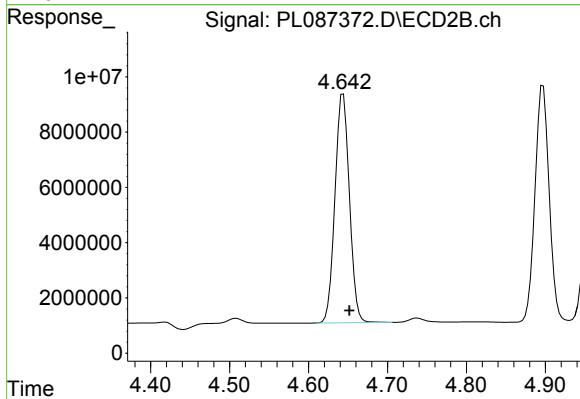
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.007 min
Response: 122862736
Conc: 50.23 ng/ml



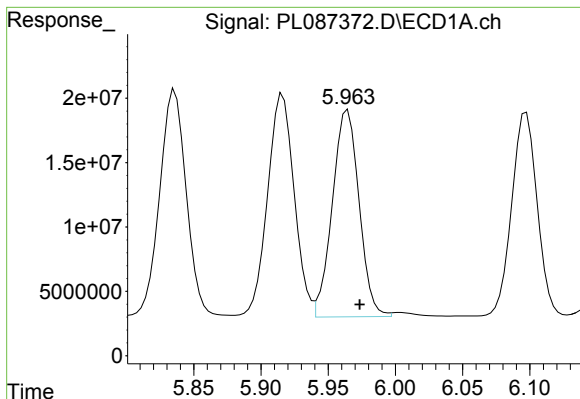
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 242824587
Conc: 51.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 105207621
Conc: 47.28 ng/ml



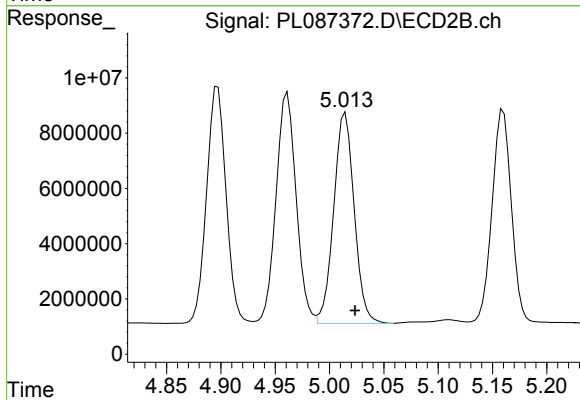
#9 Endosulfan I

R.T.: 5.965 min
Delta R.T.: -0.009 min
Response: 221670050
Conc: 49.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

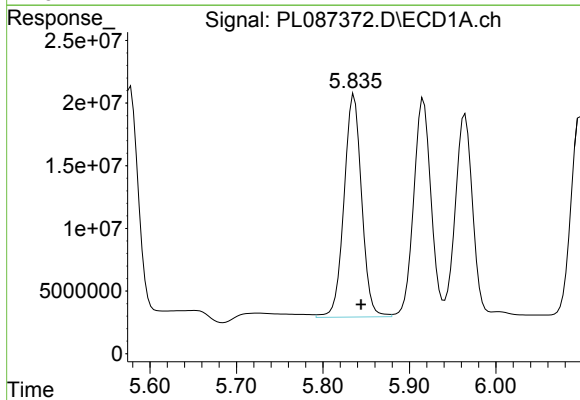
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Supervised By :Ankita Jodhani 12/26/2023



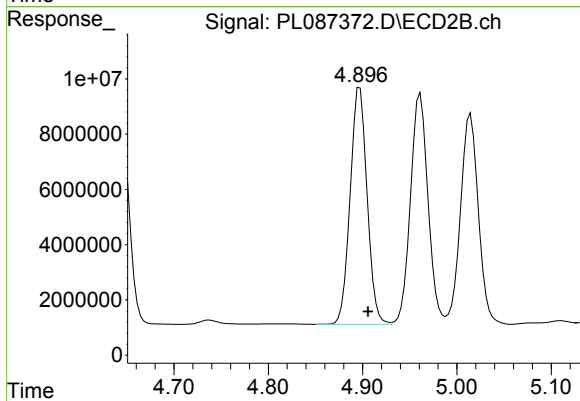
#9 Endosulfan I

R.T.: 5.015 min
Delta R.T.: -0.009 min
Response: 100173457
Conc: 46.35 ng/ml



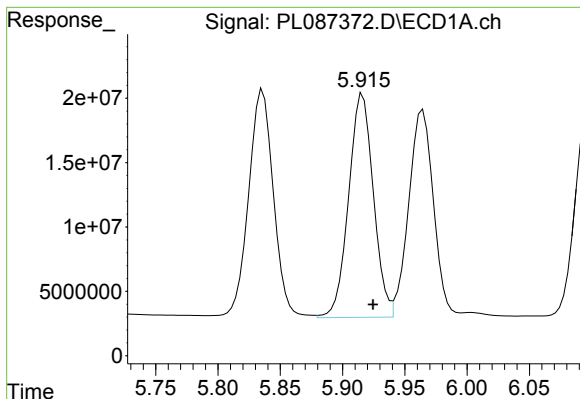
#10 gamma-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.008 min
Response: 250177430
Conc: 51.60 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: -0.009 min
Response: 107173873
Conc: 46.86 ng/ml



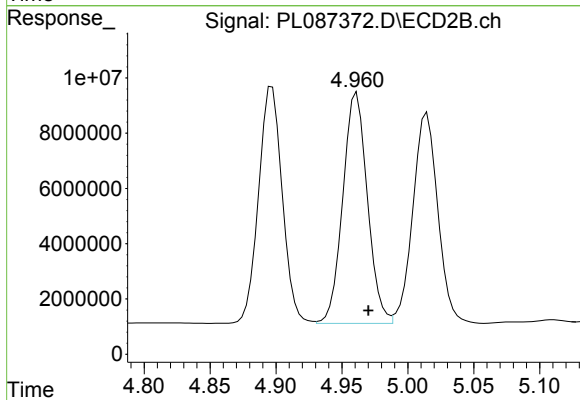
#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.008 min
Response: 241173778
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

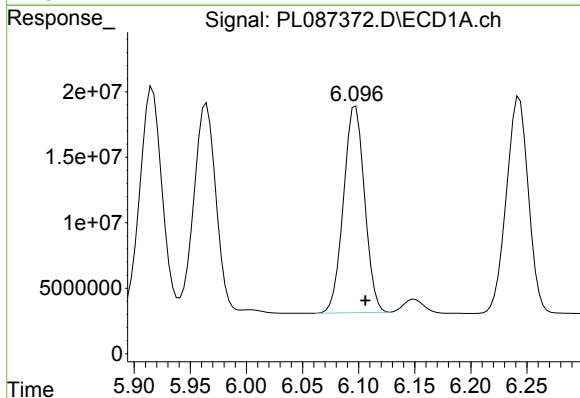
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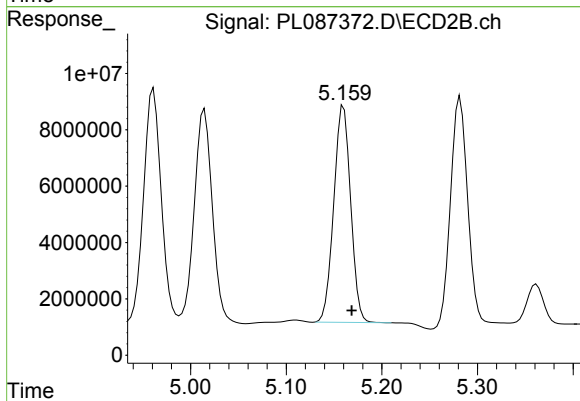
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.009 min
Response: 108150881
Conc: 46.86 ng/ml



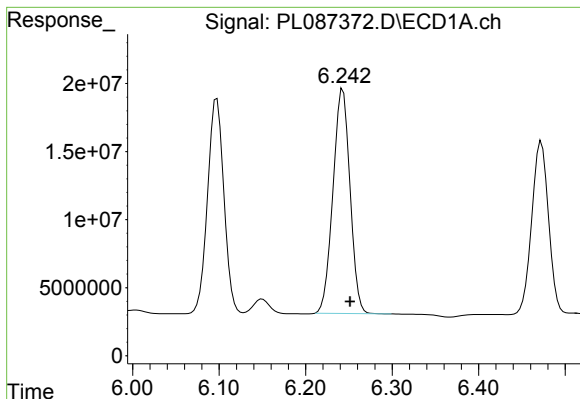
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: -0.009 min
Response: 206303658
Conc: 49.78 ng/ml



#12 4,4'-DDE

R.T.: 5.160 min
Delta R.T.: -0.009 min
Response: 94266221
Conc: 47.48 ng/ml



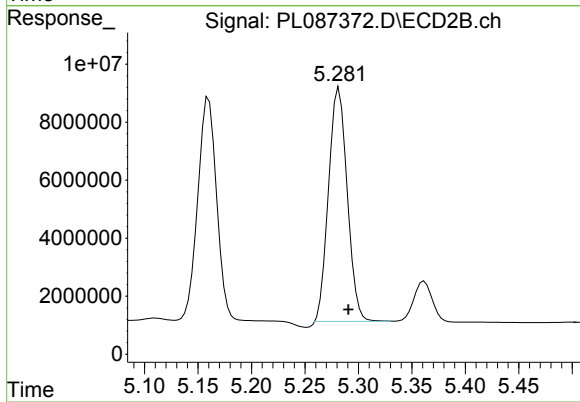
#13 Dieldrin

R.T.: 6.243 min
Delta R.T.: -0.008 min
Response: 224809859
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

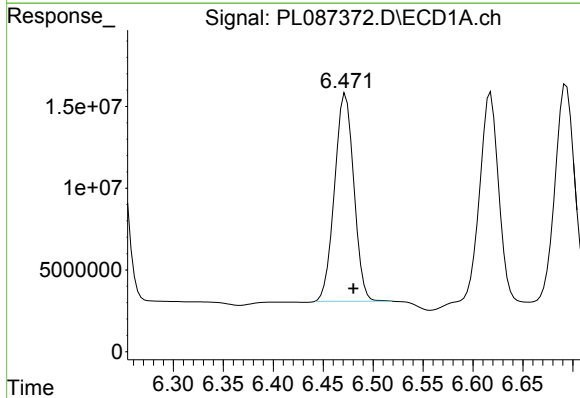
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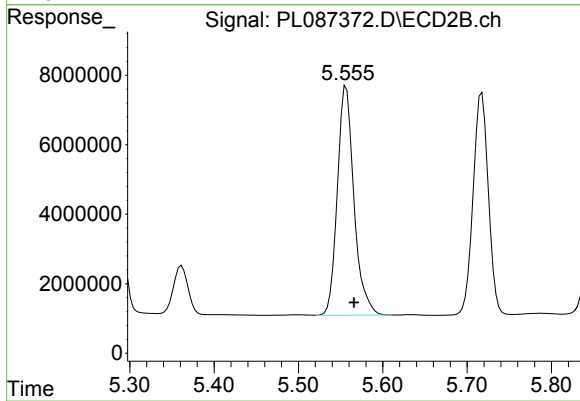
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.010 min
Response: 98091869
Conc: 44.03 ng/ml m



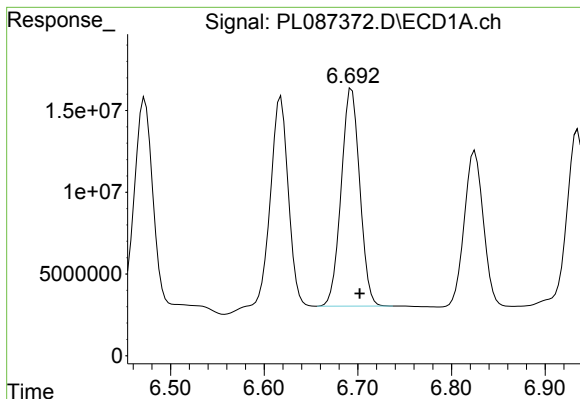
#14 Endrin

R.T.: 6.473 min
Delta R.T.: -0.008 min
Response: 170844571
Conc: 44.41 ng/ml



#14 Endrin

R.T.: 5.557 min
Delta R.T.: -0.009 min
Response: 90289628
Conc: 45.24 ng/ml



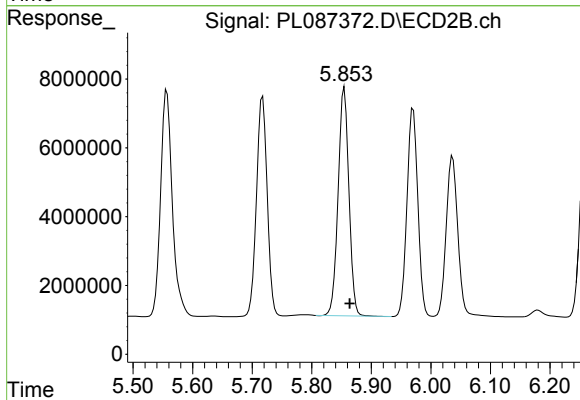
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: -0.008 min
Response: 183936585
Conc: 45.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

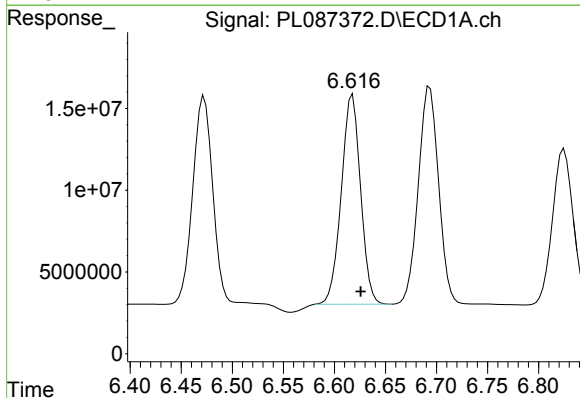
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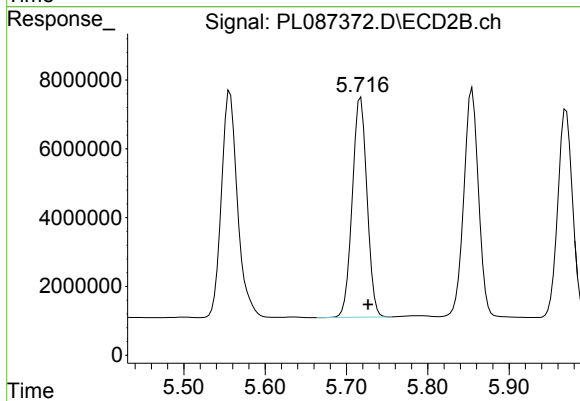
#15 Endosulfan II

R.T.: 5.855 min
Delta R.T.: -0.009 min
Response: 83663087
Conc: 42.97 ng/ml



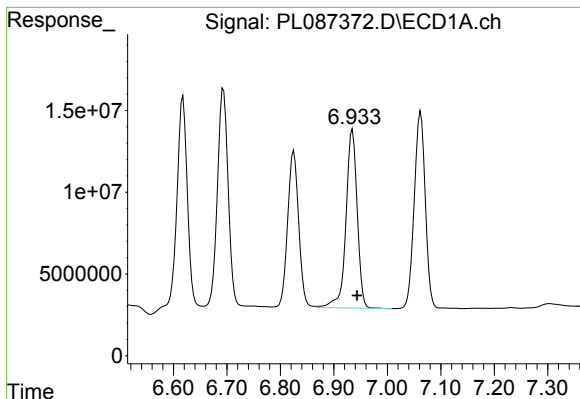
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 168545223
Conc: 51.00 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.009 min
Response: 80109420
Conc: 48.38 ng/ml



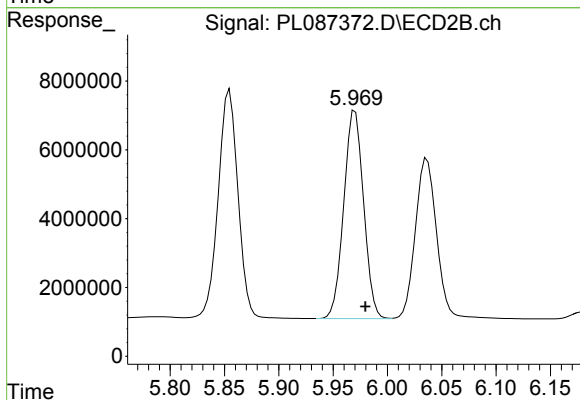
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: -0.009 min
Response: 159962969
Conc: 42.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

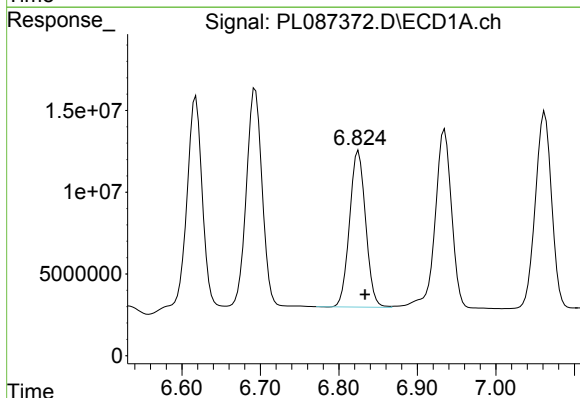
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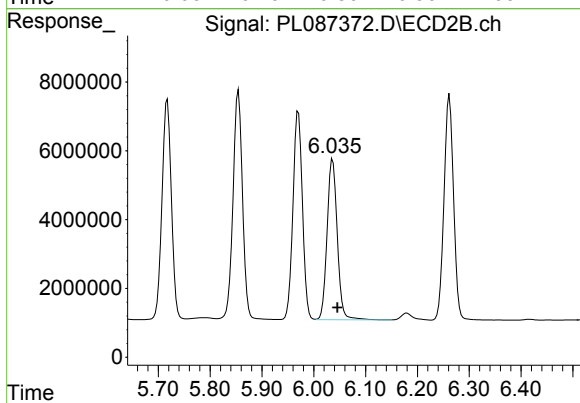
#17 4,4'-DDT

R.T.: 5.970 min
Delta R.T.: -0.009 min
Response: 76925250
Conc: 41.71 ng/ml



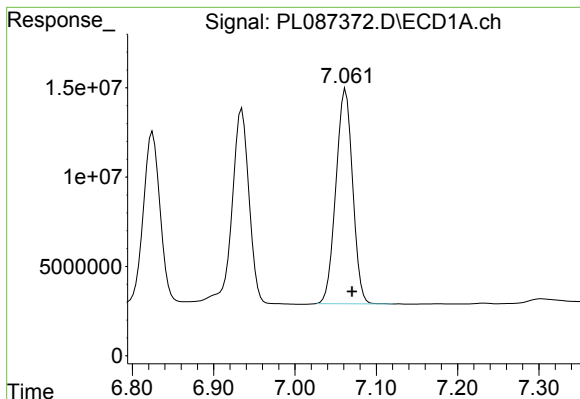
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: -0.008 min
Response: 136243275
Conc: 47.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.009 min
Response: 63793423
Conc: 43.47 ng/ml



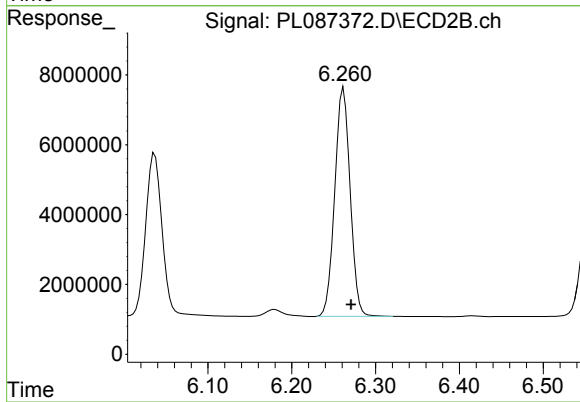
#19 Endosulfan Sulfate

R.T.: 7.062 min
Delta R.T.: -0.008 min
Response: 171820391
Conc: 43.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

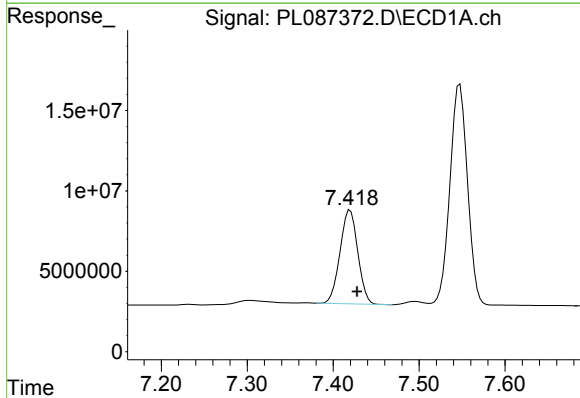
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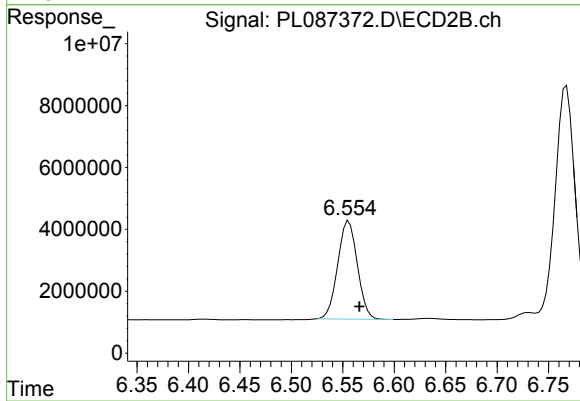
#19 Endosulfan Sulfate

R.T.: 6.262 min
Delta R.T.: -0.009 min
Response: 83468030
Conc: 44.31 ng/ml



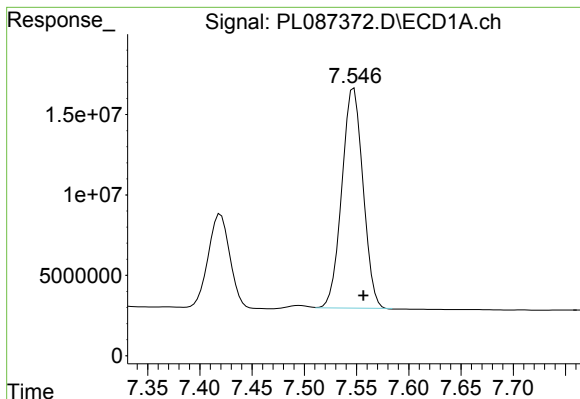
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 83959657
Conc: 43.06 ng/ml



#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: -0.010 min
Response: 42121845
Conc: 41.24 ng/ml



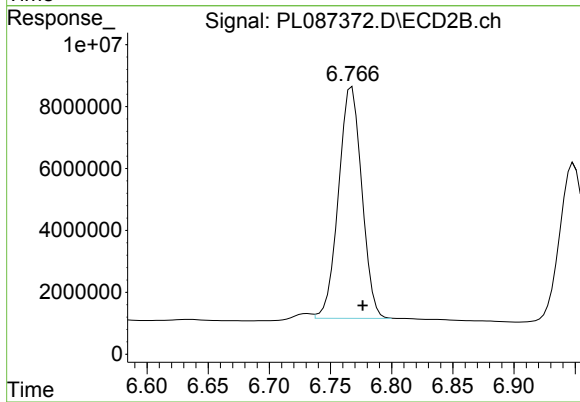
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.011 min
Response: 192942945
Conc: 47.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

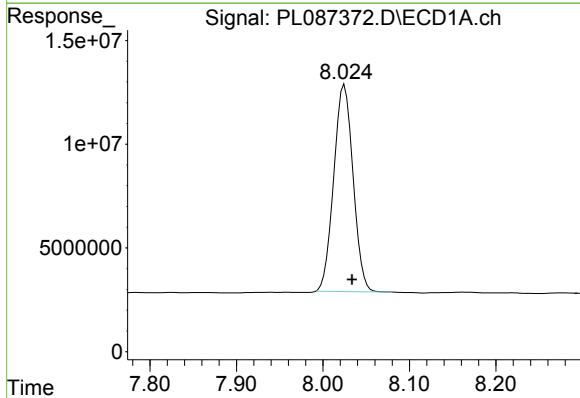
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APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



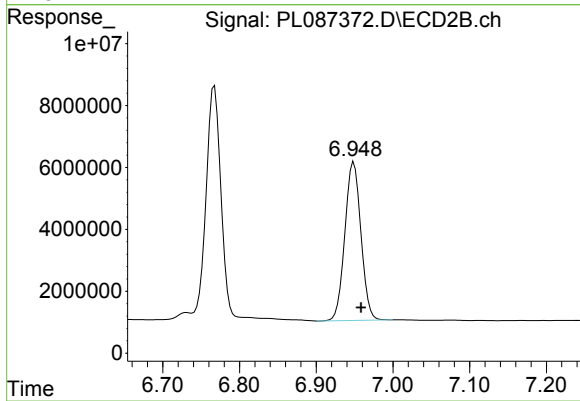
#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: -0.010 min
Response: 99025260
Conc: 46.52 ng/ml m



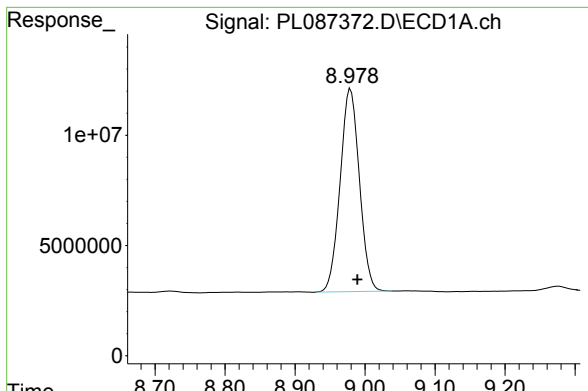
#22 Mirex

R.T.: 8.025 min
Delta R.T.: -0.008 min
Response: 153948847
Conc: 45.71 ng/ml



#22 Mirex

R.T.: 6.949 min
Delta R.T.: -0.010 min
Response: 74934096
Conc: 42.12 ng/ml



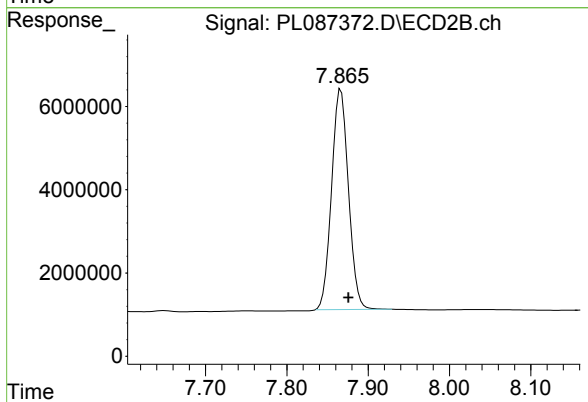
#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: -0.010 min
Response: 175840798
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: -0.009 min
Response: 76510947
Conc: 45.30 ng/ml