

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081825\
 Data File : PL096879.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 22:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/19/2025
 Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 06:04:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.530	2.826	184.3E6	255.3E6	57.947	53.442
28)	SA Decachlor...	9.002	7.986	127.4E6	187.7E6	53.443m	43.269
Target Compounds							
2)	A alpha-BHC	3.976	3.331	270.4E6	377.8E6	58.455m	53.387
3)	MA gamma-BHC...	4.304	3.662	252.6E6	346.2E6	57.100m	52.430
4)	MA Heptachlor	4.896	4.011	229.3E6	316.6E6	55.186	47.528
5)	MB Aldrin	5.236	4.293	239.7E6	319.9E6	55.722	51.541
6)	B beta-BHC	4.491	3.958	105.8E6	148.5E6	58.638m	52.650
7)	B delta-BHC	4.737	4.191	236.2E6	337.5E6	59.191	52.131
8)	B Heptachlo...	5.655	4.795	214.9E6	284.6E6	55.731	49.830
9)	A Endosulfan I	6.037	5.166	191.8E6	260.5E6	53.326	47.100
10)	B gamma-Chl...	5.909	5.047	215.6E6	295.9E6	56.656	50.319
11)	B alpha-Chl...	5.989	5.111	210.9E6	289.2E6	54.703	49.026
12)	B 4,4'-DDE	6.159	5.300	178.5E6	271.9E6	55.592	49.310
13)	MA Dieldrin	6.307	5.431	199.1E6	287.3E6	53.647m	48.634
14)	MA Endrin	6.533	5.705	140.5E6	237.9E6	46.432m	44.001
15)	B Endosulfa...	6.748	5.996	176.1E6	239.9E6	54.974	46.711
16)	A 4,4'-DDD	6.666	5.852	148.1E6	238.4E6	58.567m	50.667
17)	MA 4,4'-DDT	6.982	6.104	125.0E6	189.3E6	43.599	37.416
18)	B Endrin al...	6.876	6.174	115.8E6	166.8E6	53.977	45.895
19)	B Endosulfa...	7.108	6.398	146.5E6	226.9E6	50.989m	44.606
20)	A Methoxychlor	7.454	6.676	59691773	96367544	40.652	35.164
21)	B Endrin ke...	7.589	6.902	160.8E6	262.0E6	53.480	47.048
22)	Mirex	8.066	7.092	123.7E6	189.4E6	49.912m	43.437

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

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Data File : PL096879.D
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Acq On : 18 Aug 2025 22:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

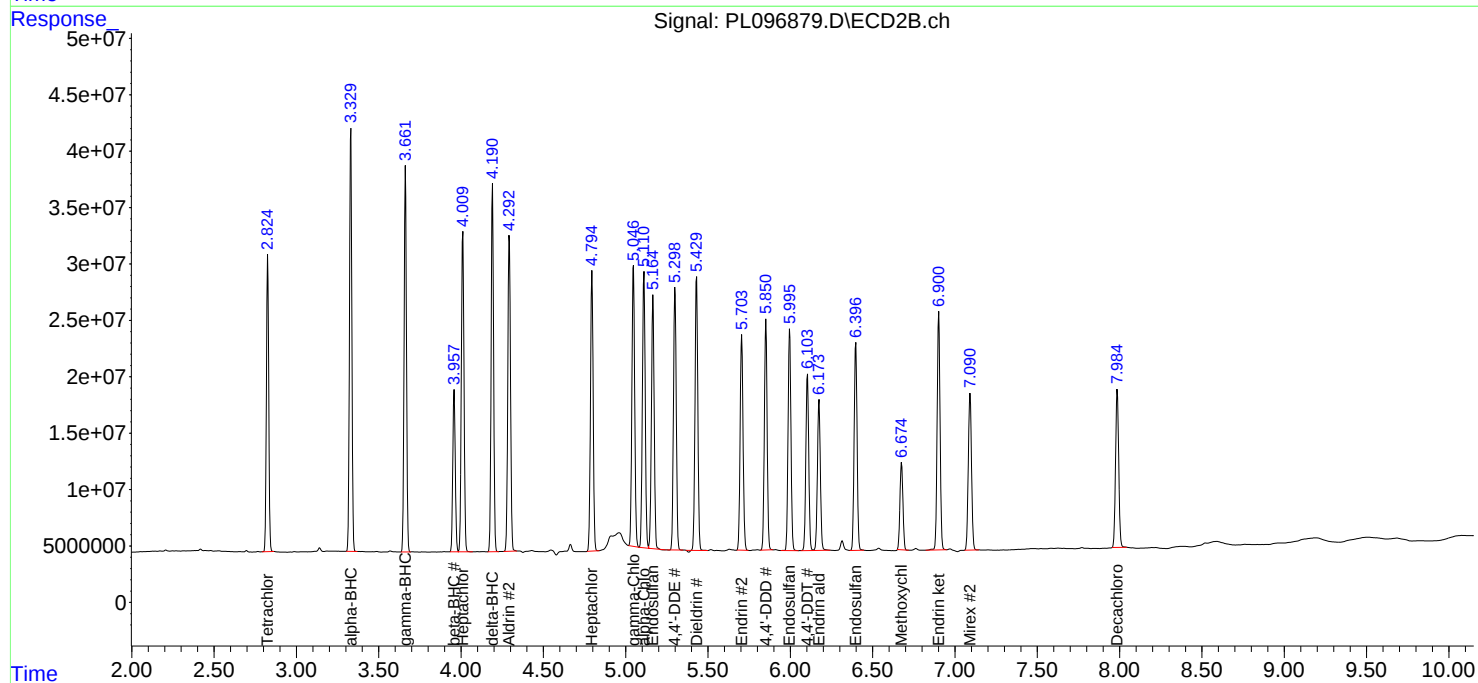
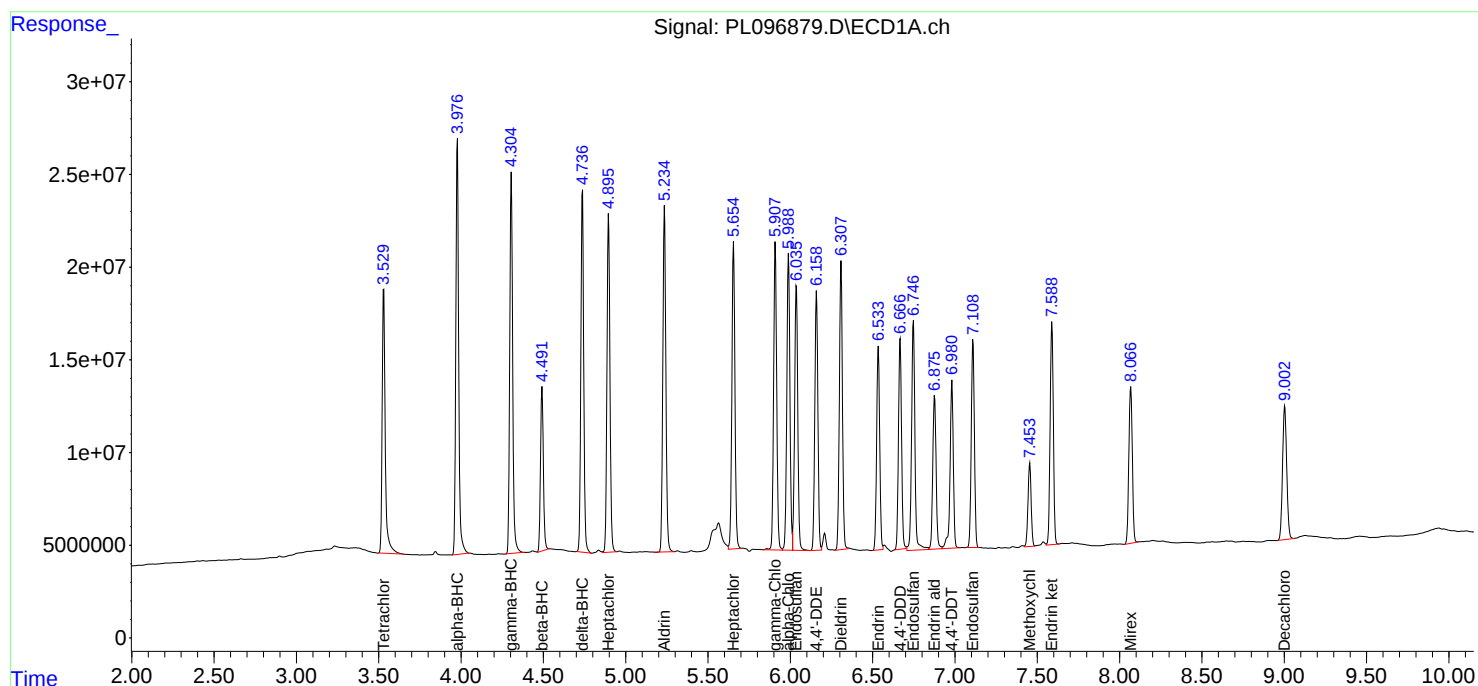
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

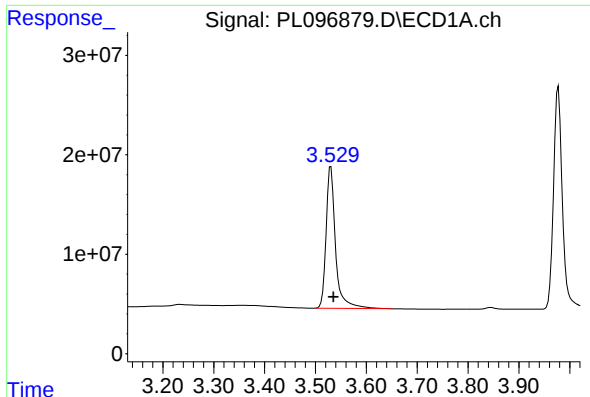
Manual Integrations
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Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:04:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 2025
Response via : Initial Calibration
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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





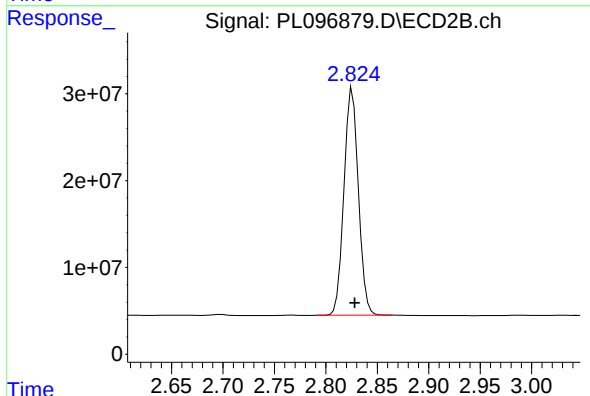
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: -0.005 min
Response: 184315345
Conc: 57.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

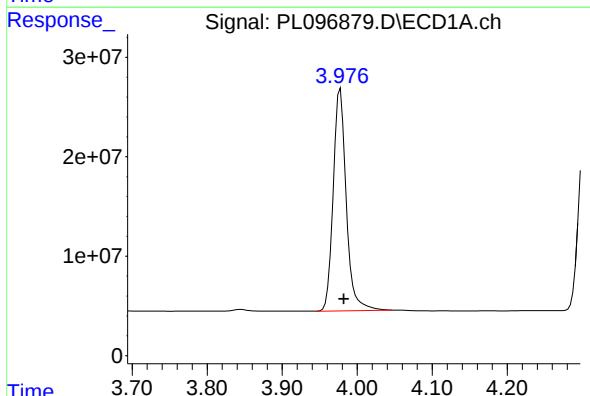
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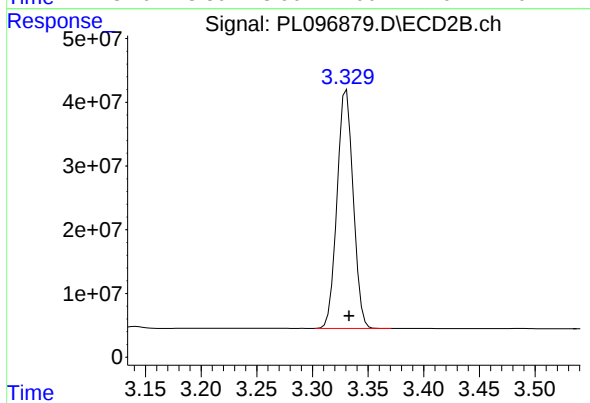
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 255334975
Conc: 53.44 ng/ml



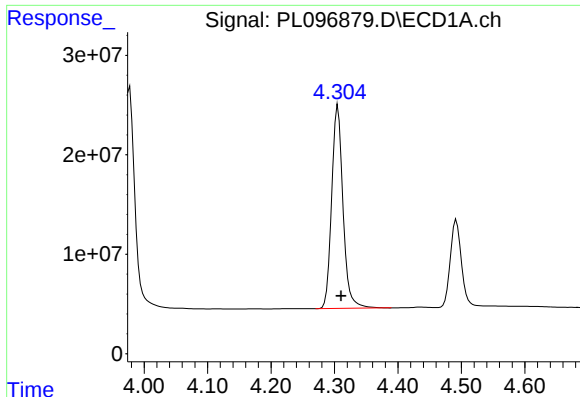
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.006 min
Response: 270432265
Conc: 58.45 ng/ml m



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 377821075
Conc: 53.39 ng/ml



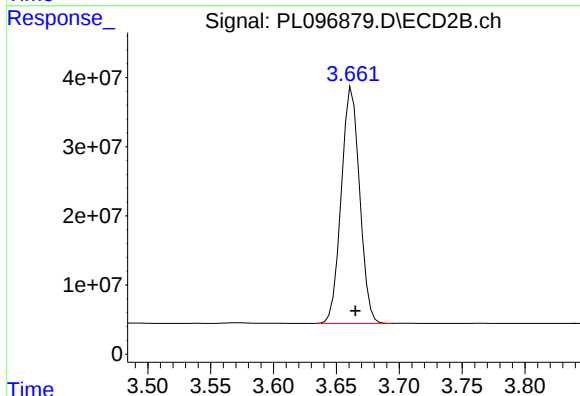
#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 252578124
Conc: 57.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

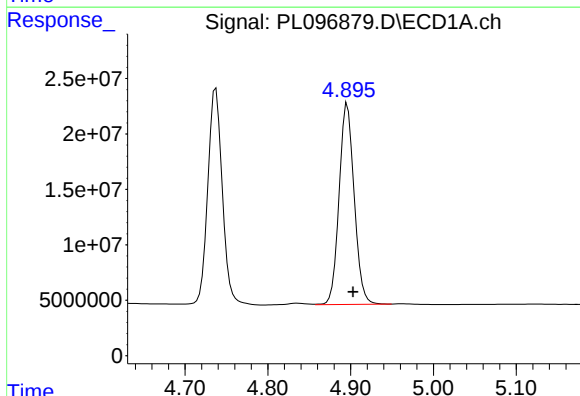
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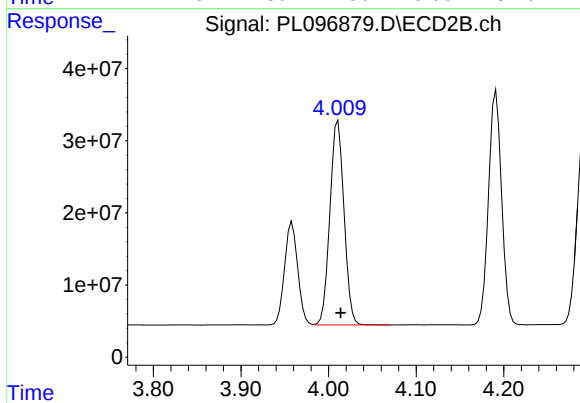
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 346213105
Conc: 52.43 ng/ml



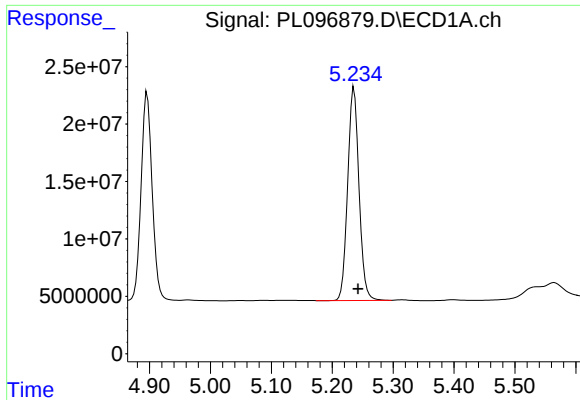
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 229337346
Conc: 55.19 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 316626019
Conc: 47.53 ng/ml



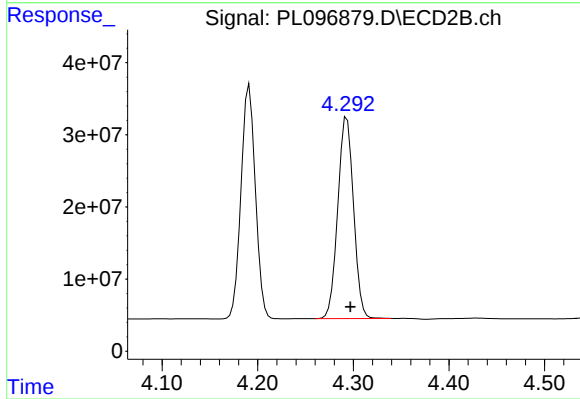
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: -0.007 min
Response: 239658637
Conc: 55.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

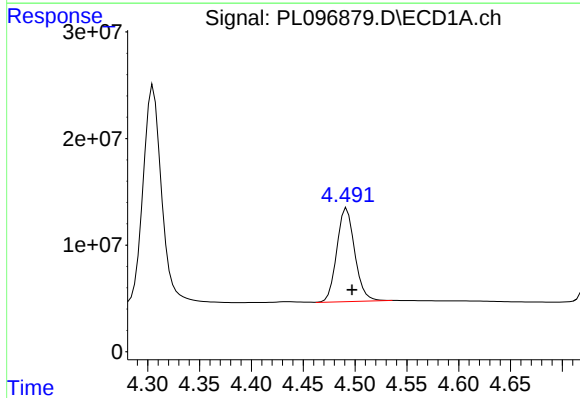
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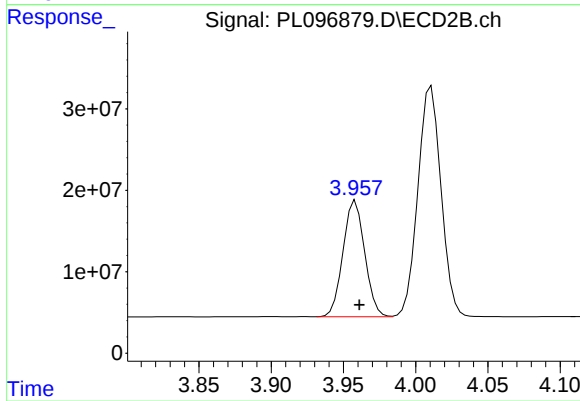
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 319916981
Conc: 51.54 ng/ml



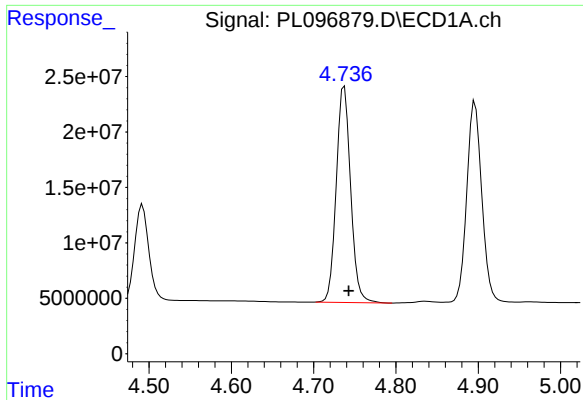
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.006 min
Response: 105839214
Conc: 58.64 ng/ml m



#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: -0.002 min
Response: 148520255
Conc: 52.65 ng/ml



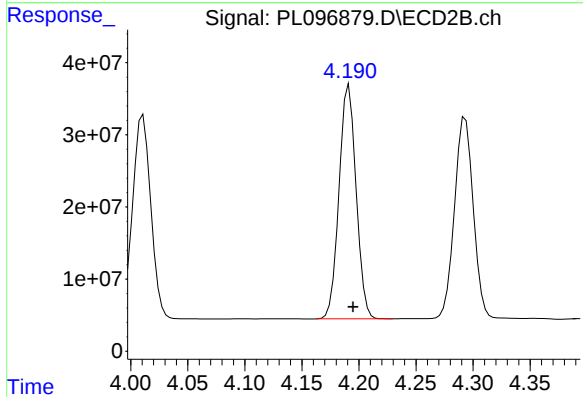
#7 delta-BHC

R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 236163633
Conc: 59.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

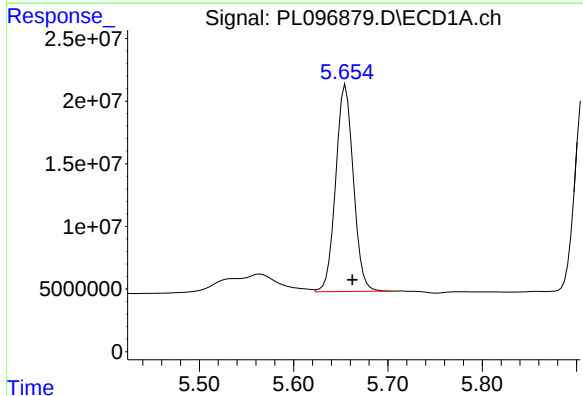
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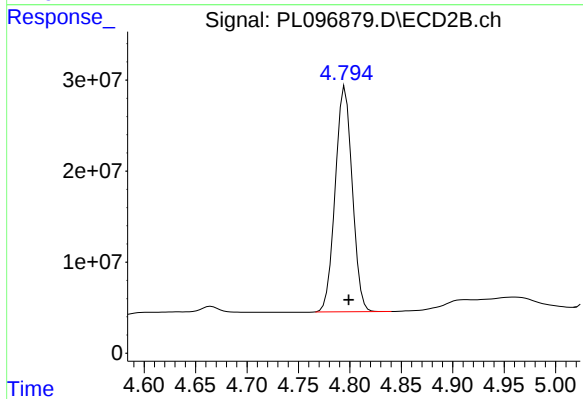
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 337477246
Conc: 52.13 ng/ml



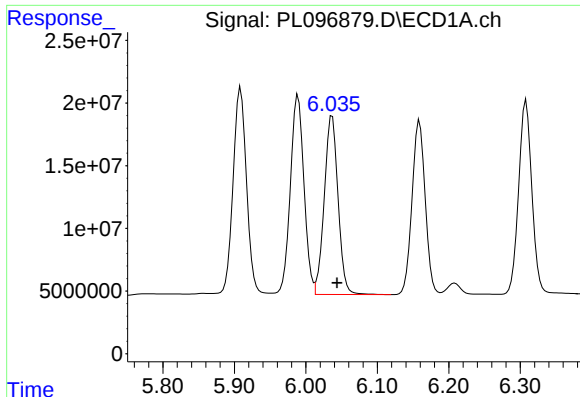
#8 Heptachlor epoxide

R.T.: 5.655 min
Delta R.T.: -0.007 min
Response: 214927976
Conc: 55.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 284596931
Conc: 49.83 ng/ml



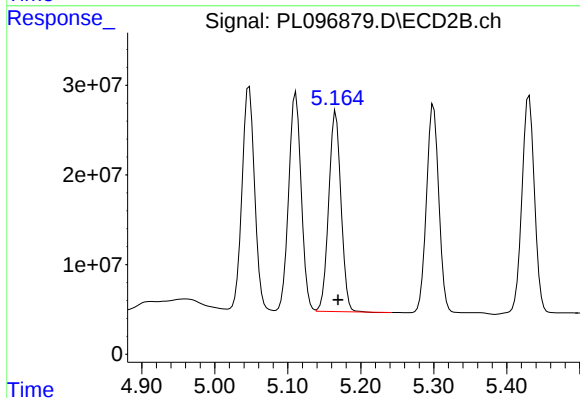
#9 Endosulfan I

R.T.: 6.037 min
Delta R.T.: -0.007 min
Response: 191779623
Conc: 53.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

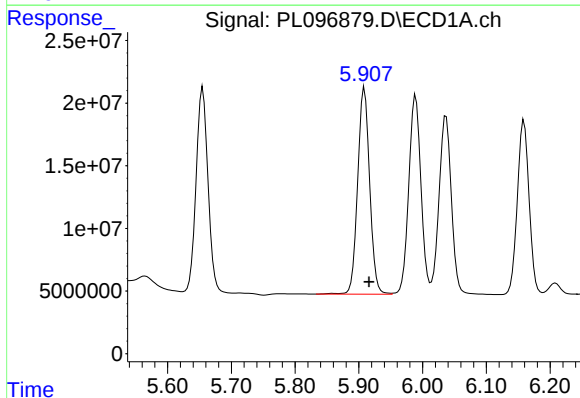
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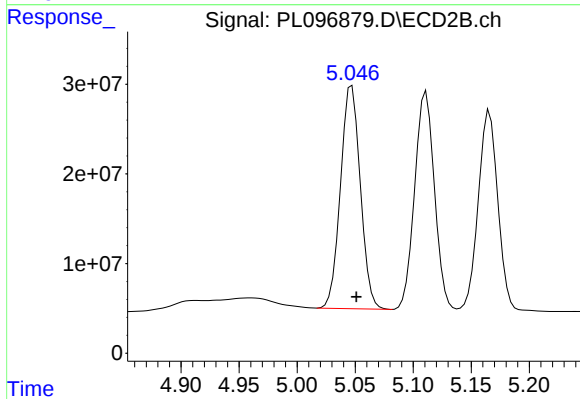
#9 Endosulfan I

R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 260528848
Conc: 47.10 ng/ml



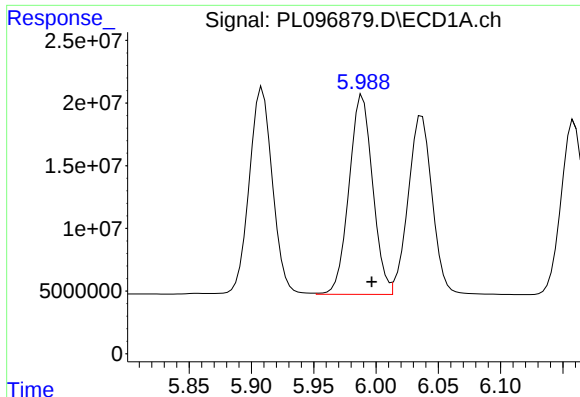
#10 gamma-Chlordane

R.T.: 5.909 min
Delta R.T.: -0.007 min
Response: 215589017
Conc: 56.66 ng/ml



#10 gamma-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 295878542
Conc: 50.32 ng/ml



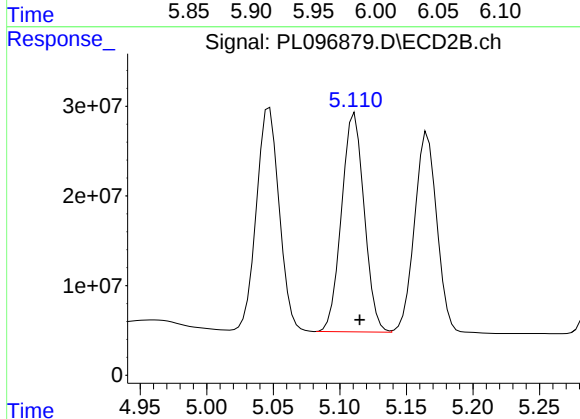
#11 alpha-Chlordane

R.T.: 5.989 min
Delta R.T.: -0.007 min
Response: 210859657
Conc: 54.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

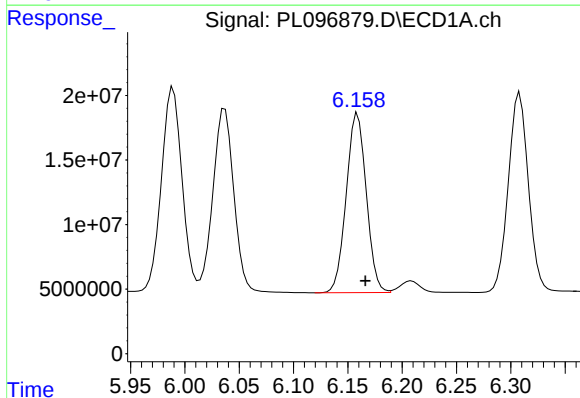
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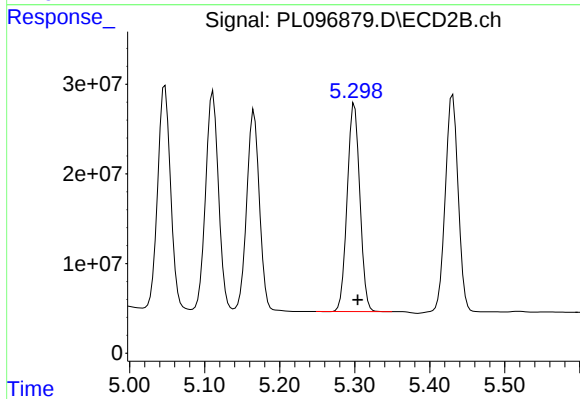
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 289202915
Conc: 49.03 ng/ml



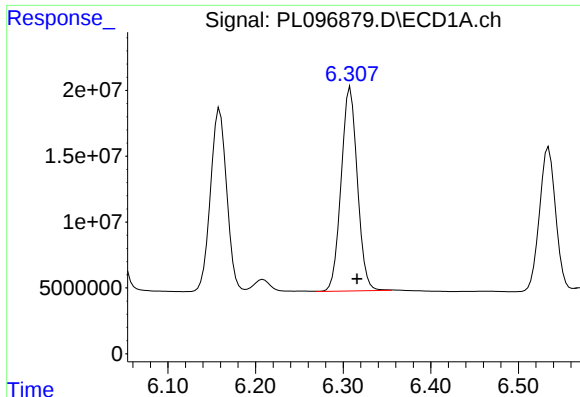
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: -0.007 min
Response: 178518722
Conc: 55.59 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 271917499
Conc: 49.31 ng/ml



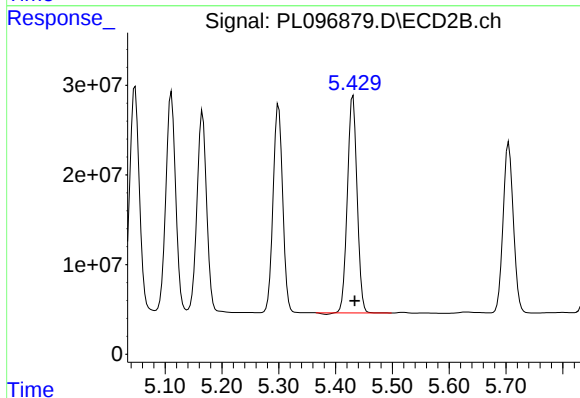
#13 Dieldrin

R.T.: 6.307 min
Delta R.T.: -0.009 min
Response: 199091873
Conc: 53.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

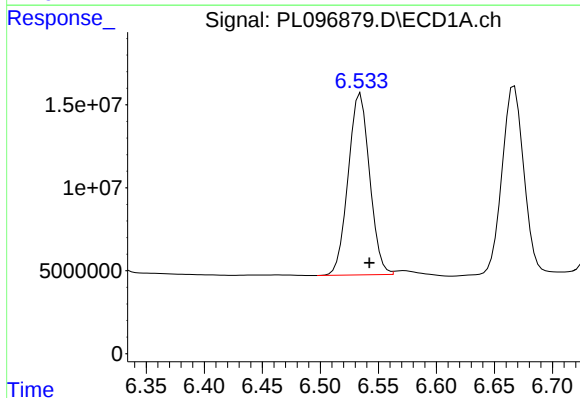
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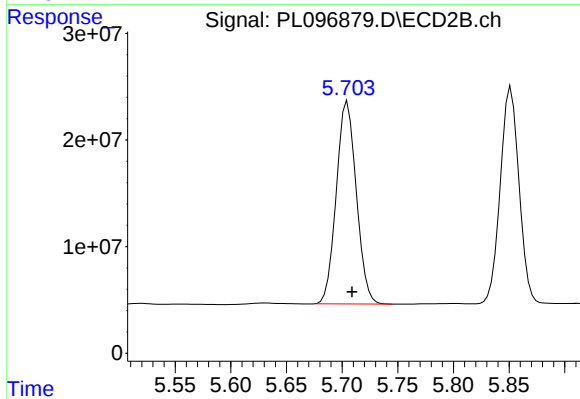
#13 Dieldrin

R.T.: 5.431 min
Delta R.T.: -0.003 min
Response: 287259212
Conc: 48.63 ng/ml



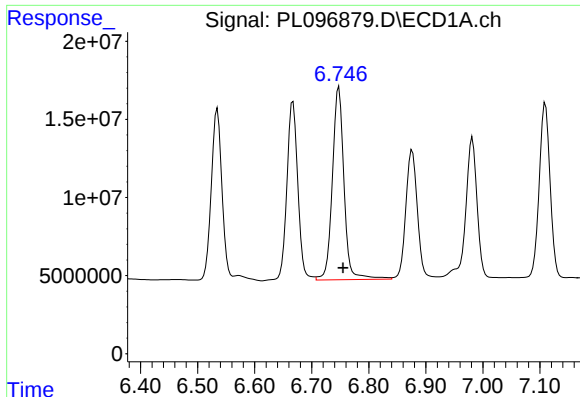
#14 Endrin

R.T.: 6.533 min
Delta R.T.: -0.009 min
Response: 140541052
Conc: 46.43 ng/ml m



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 237869544
Conc: 44.00 ng/ml



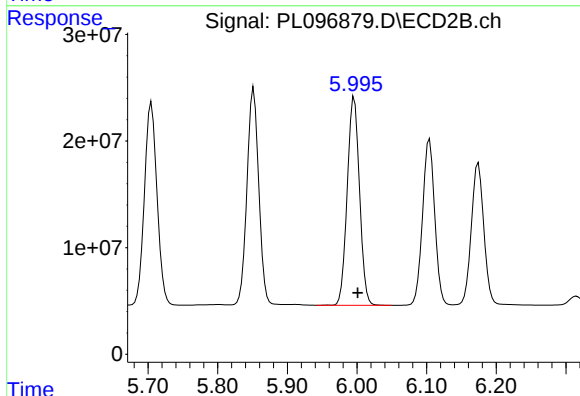
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: -0.007 min
Response: 176062023
Conc: 54.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

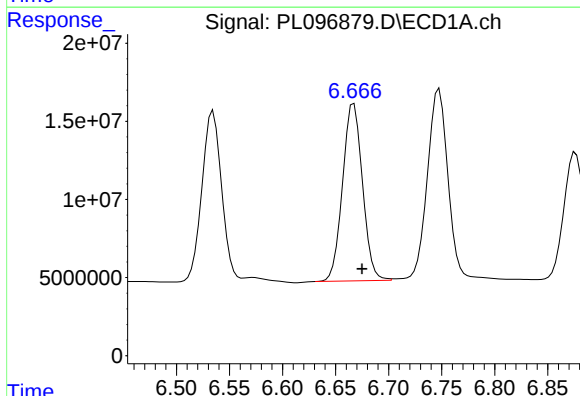
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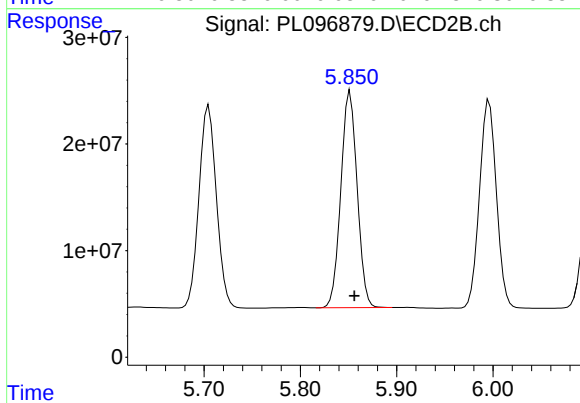
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 239918300
Conc: 46.71 ng/ml



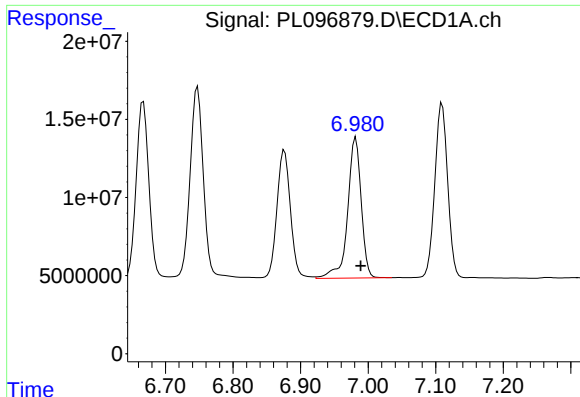
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: -0.009 min
Response: 148079480
Conc: 58.57 ng/ml m



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 238404675
Conc: 50.67 ng/ml



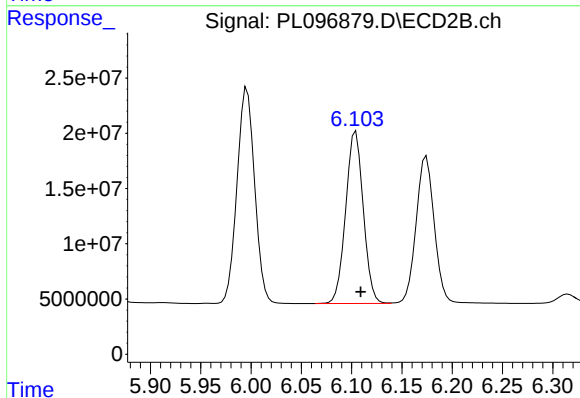
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.007 min
Response: 125028048
Conc: 43.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

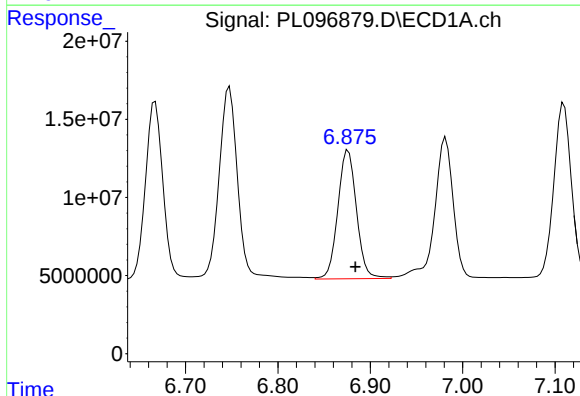
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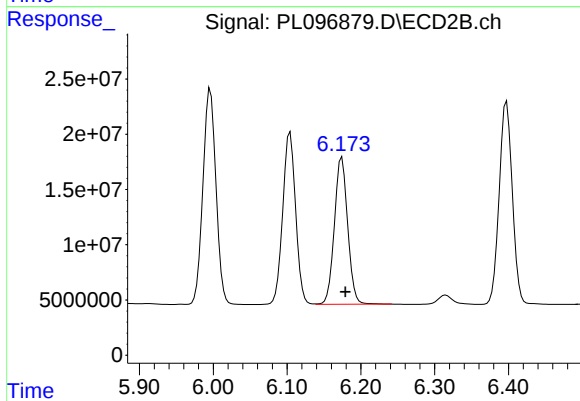
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 189260325
Conc: 37.42 ng/ml



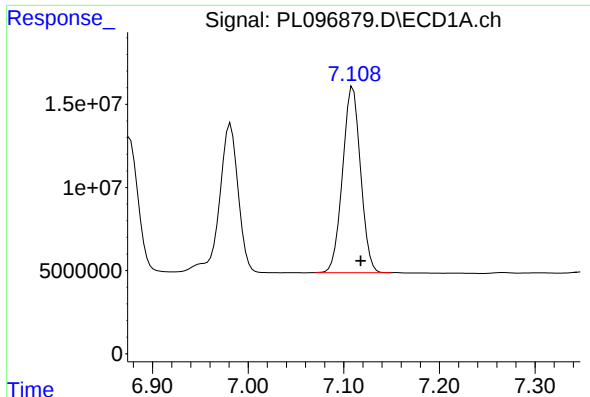
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: -0.008 min
Response: 115829411
Conc: 53.98 ng/ml



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 166829900
Conc: 45.89 ng/ml



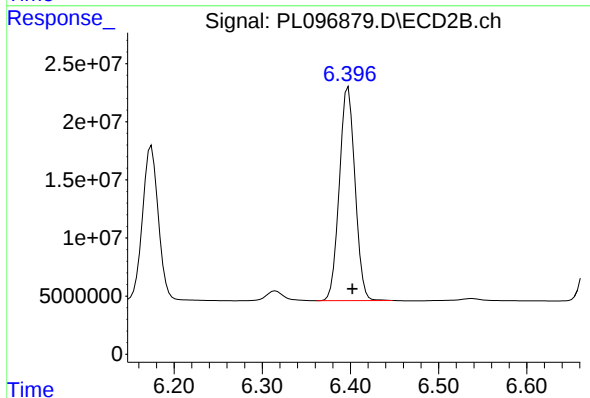
#19 Endosulfan Sulfate

R.T.: 7.108 min
Delta R.T.: -0.009 min
Response: 146526786
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

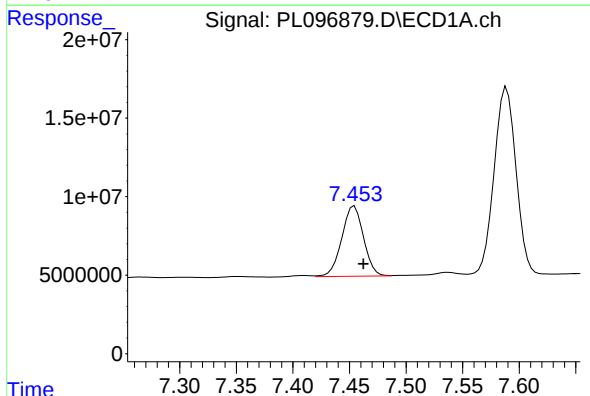
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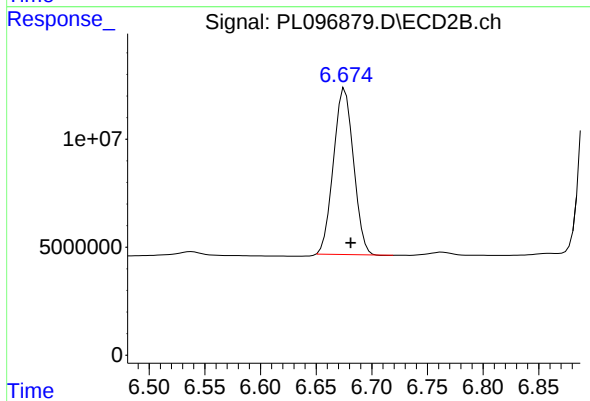
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: -0.005 min
Response: 226878204
Conc: 44.61 ng/ml



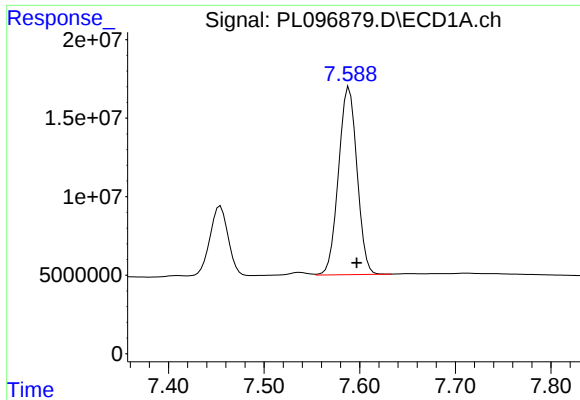
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: -0.008 min
Response: 59691773
Conc: 40.65 ng/ml



#20 Methoxychlor

R.T.: 6.676 min
Delta R.T.: -0.005 min
Response: 96367544
Conc: 35.16 ng/ml



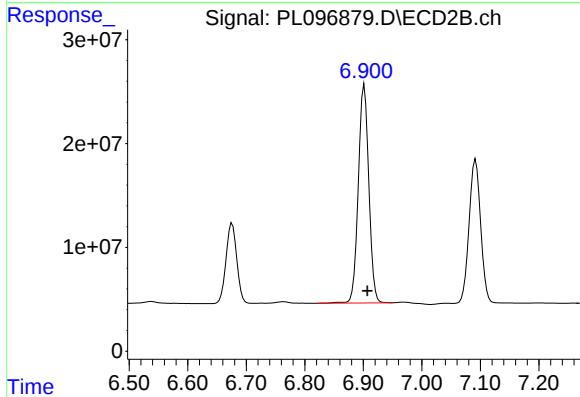
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: -0.008 min
Response: 160799533
Conc: 53.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

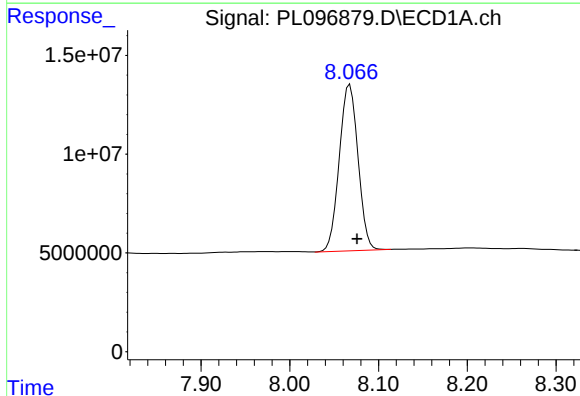
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



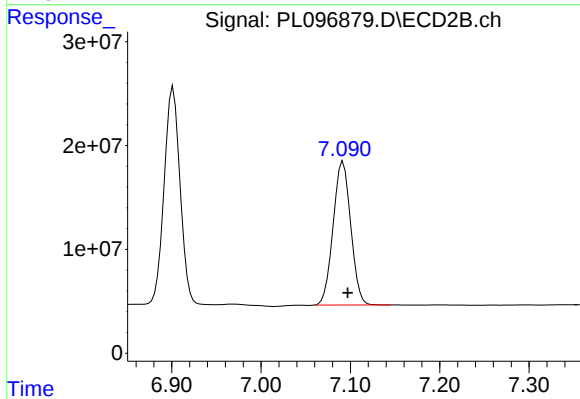
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: -0.005 min
Response: 262044470
Conc: 47.05 ng/ml



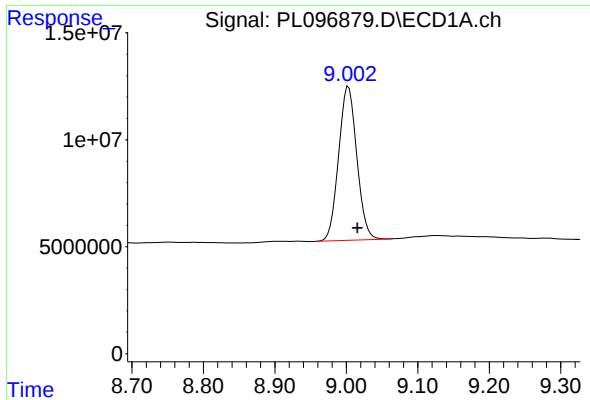
#22 Mirex

R.T.: 8.066 min
Delta R.T.: -0.009 min
Response: 123749493
Conc: 49.91 ng/ml m



#22 Mirex

R.T.: 7.092 min
Delta R.T.: -0.005 min
Response: 189424635
Conc: 43.44 ng/ml



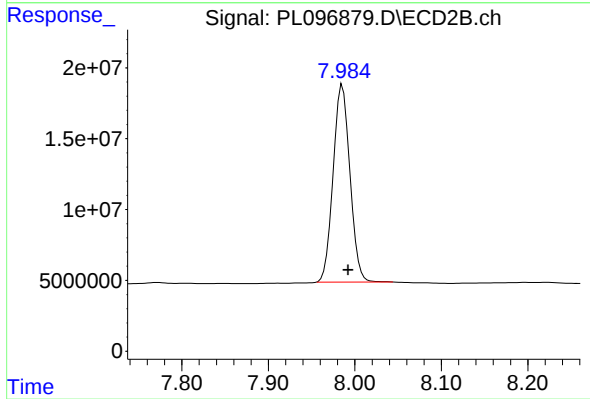
#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: -0.014 min
Response: 127442471
Conc: 53.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 187715828
Conc: 43.27 ng/ml