

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
 Data File : PL096617.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 13:16
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/30/2025
 Supervised By : mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:50:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.534	2.825	160.6E6	261.7E6	50.482	54.782
28)	SA Decachlor...	9.019	7.993	118.3E6	234.8E6	49.621	54.124
Target Compounds							
2)	A alpha-BHC	3.982	3.331	236.9E6	393.3E6	51.201	55.570
3)	MA gamma-BHC...	4.310	3.663	224.9E6	364.5E6	50.851	55.198
4)	MA Heptachlor	4.903	4.013	216.3E6	365.5E6	52.056	54.862
5)	MB Aldrin	5.243	4.295	209.6E6	339.1E6	48.731	54.624
6)	B beta-BHC	4.497	3.960	91952093	152.8E6	50.944	54.185
7)	B delta-BHC	4.742	4.193	201.1E6	355.8E6	50.390m	54.956
8)	B Heptachlo...	5.663	4.798	193.1E6	309.6E6	50.058	54.215
9)	A Endosulfan I	6.045	5.169	180.4E6	290.4E6	50.158	52.508
10)	B gamma-Chl...	5.918	5.050	193.1E6	323.6E6	50.747	55.041
11)	B alpha-Chl...	5.998	5.114	192.9E6	314.8E6	50.038	53.374
12)	B 4,4'-DDE	6.168	5.303	157.3E6	302.9E6	48.991	54.936
13)	MA Dieldrin	6.318	5.434	187.1E6	321.5E6	50.411	54.439
14)	MA Endrin	6.544	5.709	154.4E6	289.3E6	51.001	53.523
15)	B Endosulfa...	6.757	6.001	148.2E6	278.7E6	46.276	54.271
16)	A 4,4'-DDD	6.677	5.856	131.7E6	254.6E6	52.096	54.114
17)	MA 4,4'-DDT	6.991	6.109	146.3E6	296.3E6	51.028	58.571
18)	B Endrin al...	6.886	6.179	107.5E6	202.6E6	50.094	54.890
19)	B Endosulfa...	7.120	6.402	145.6E6	280.7E6	50.669	55.185
20)	A Methoxychlor	7.465	6.682	76654150	148.3E6	52.204	54.116
21)	B Endrin ke...	7.599	6.907	155.4E6	300.1E6	51.668	53.879
22)	Mirex	8.078	7.097	126.2E6	234.4E6	50.910	53.750

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
Data File : PL096617.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 13:16
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

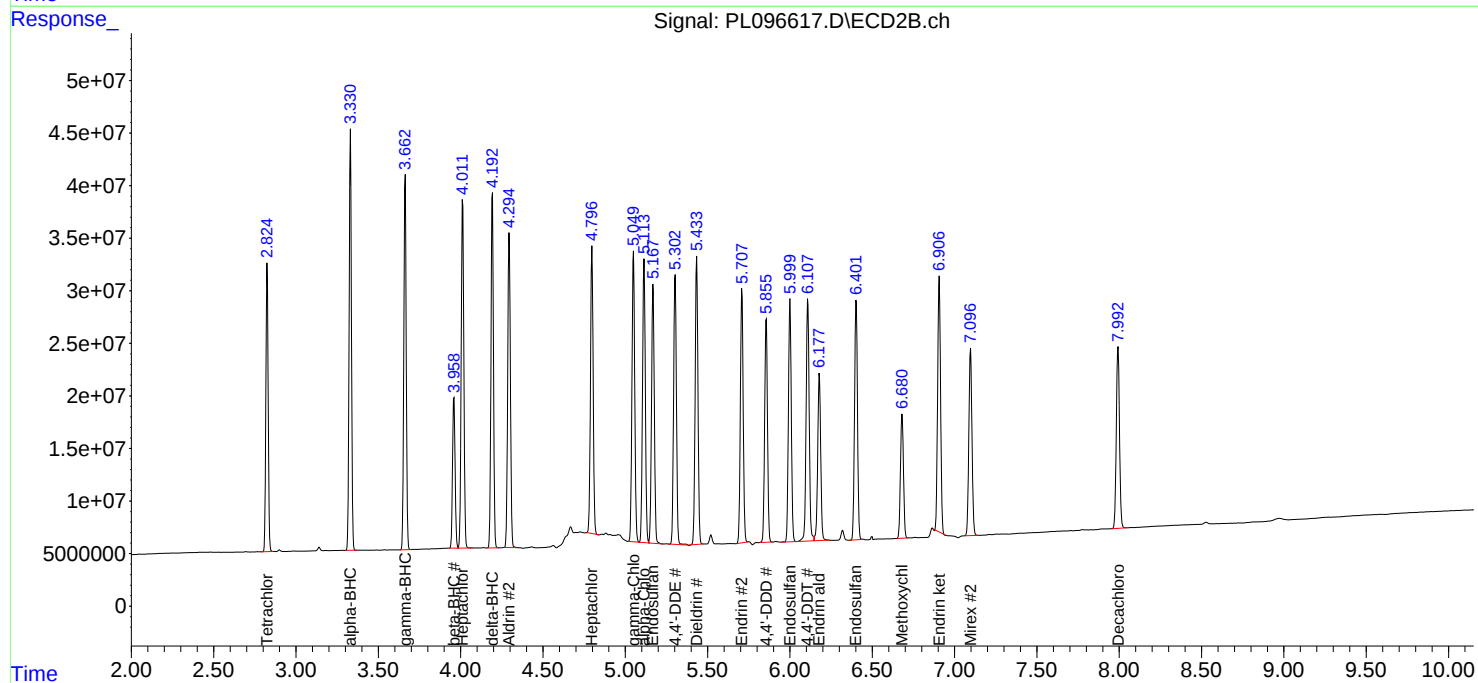
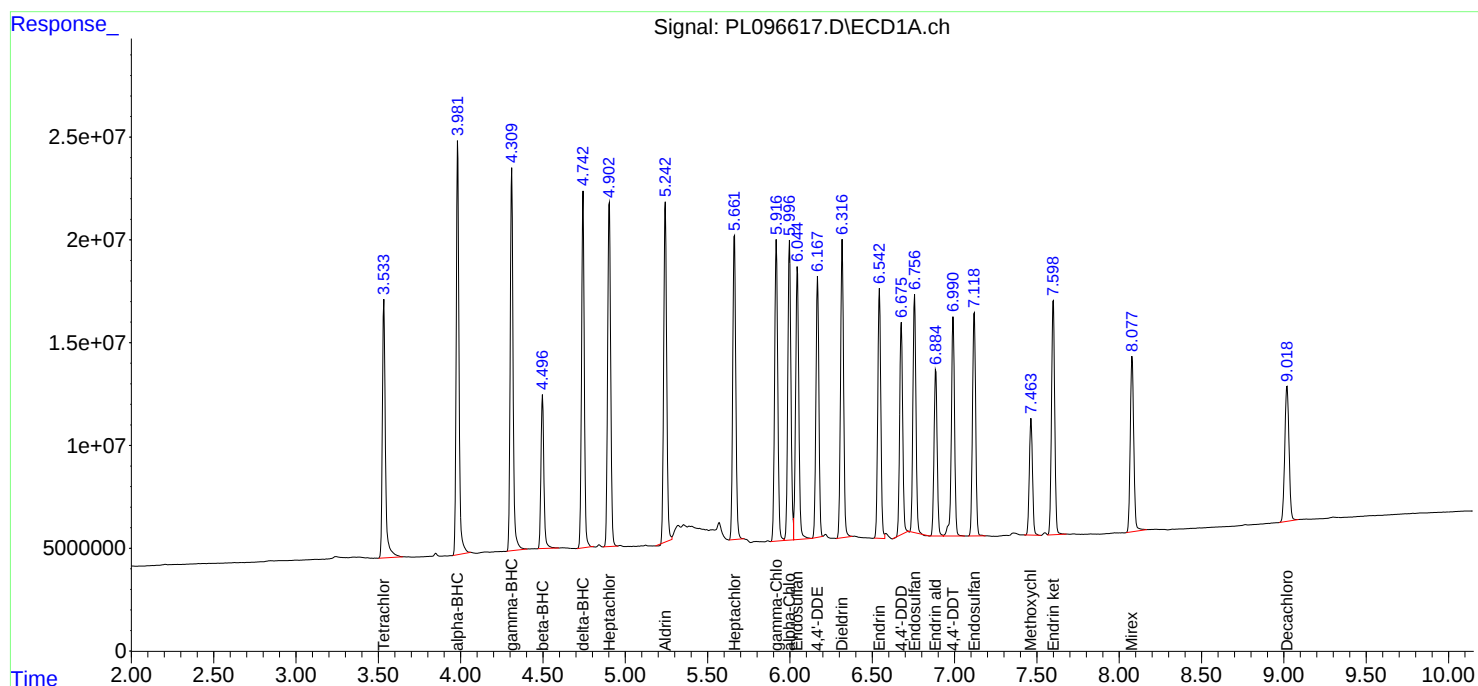
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

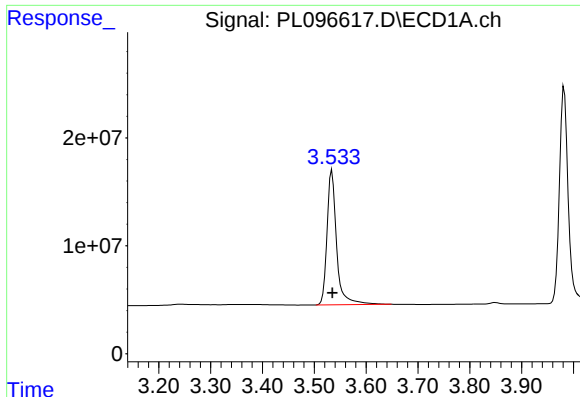
Manual Integrations
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Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 01:50:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 2025
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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





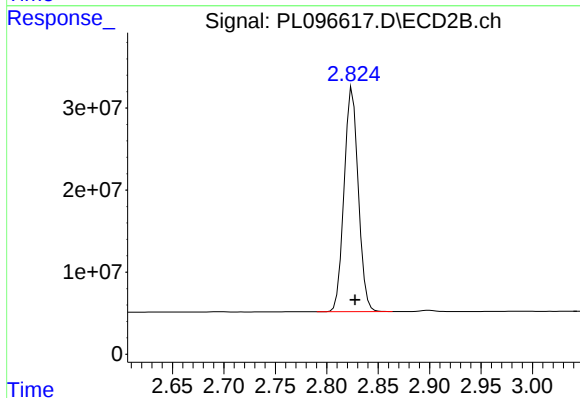
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.001 min
Response: 160572863
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

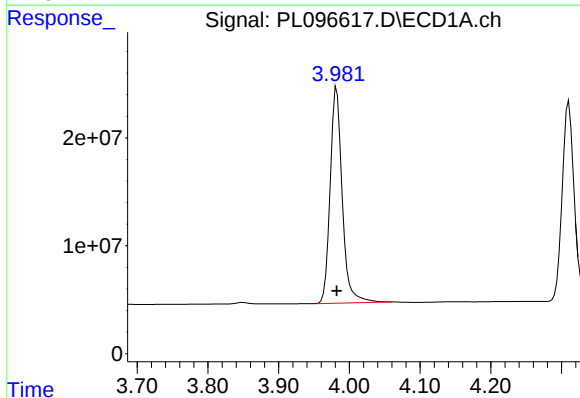
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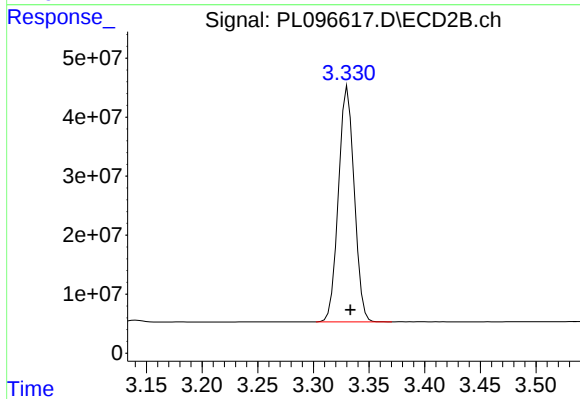
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 261736588
Conc: 54.78 ng/ml



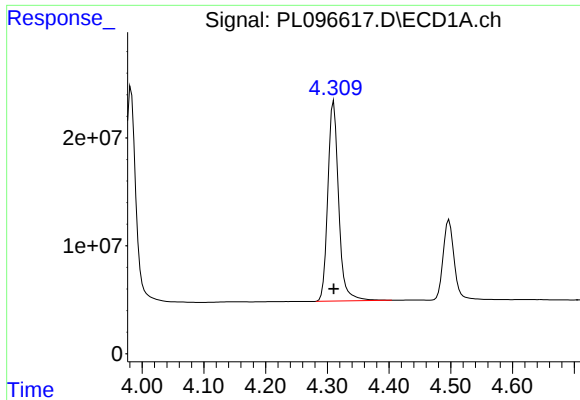
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 236872360
Conc: 51.20 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.003 min
Response: 393270358
Conc: 55.57 ng/ml



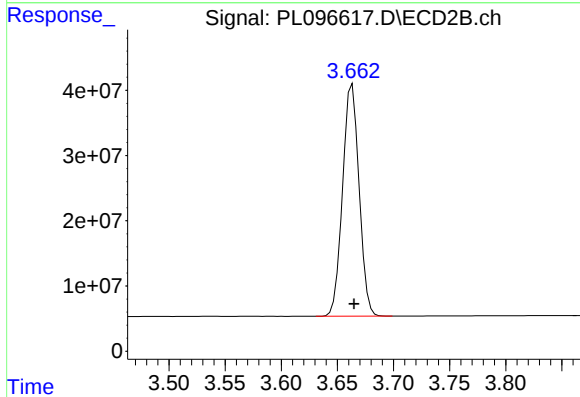
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 224936339
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

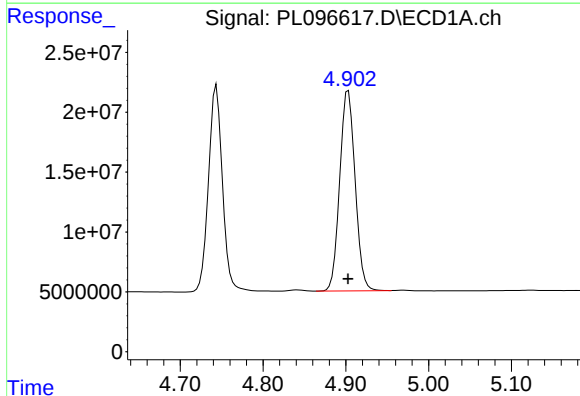
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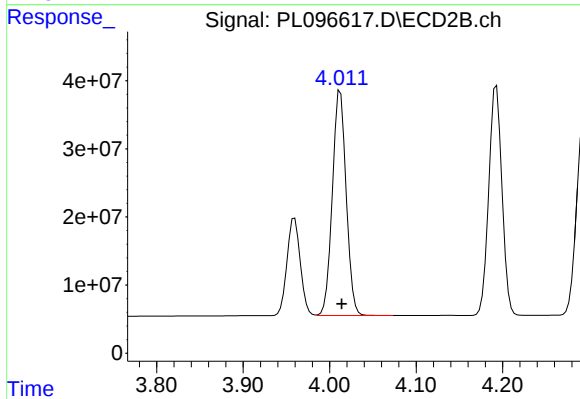
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 364492801
Conc: 55.20 ng/ml



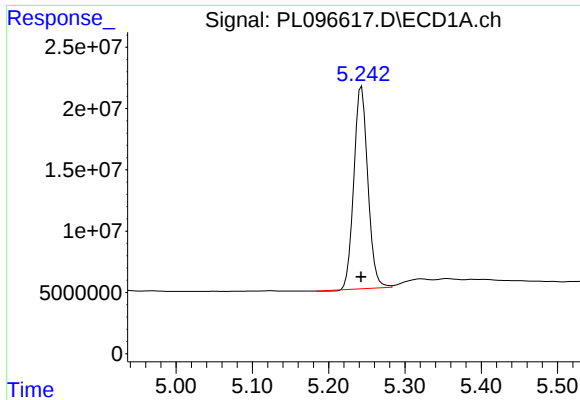
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 216326960
Conc: 52.06 ng/ml



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: -0.002 min
Response: 365487614
Conc: 54.86 ng/ml



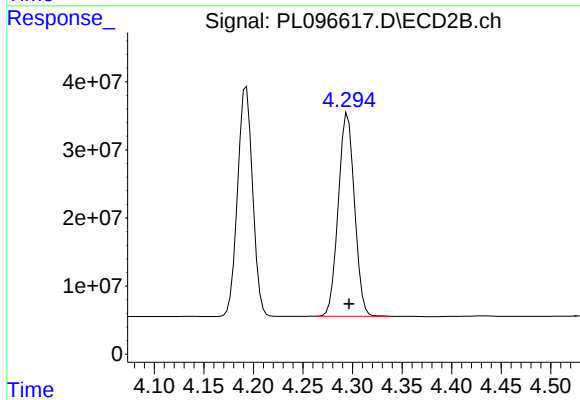
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 209591615
Conc: 48.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

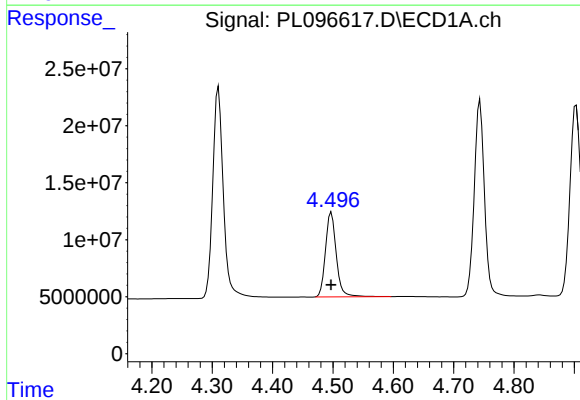
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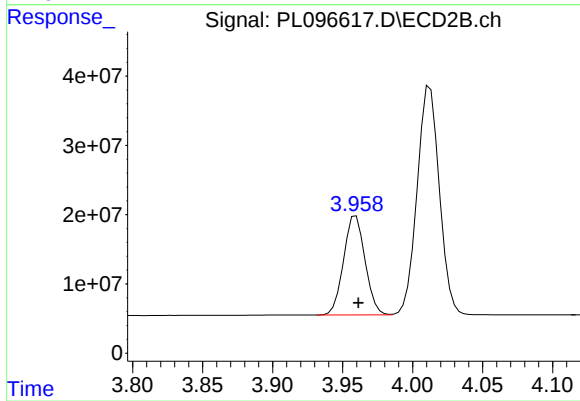
#5 Aldrin

R.T.: 4.295 min
Delta R.T.: -0.002 min
Response: 339052970
Conc: 54.62 ng/ml



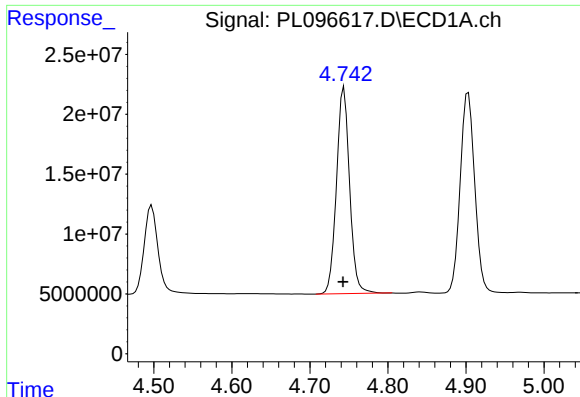
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 91952093
Conc: 50.94 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 152849259
Conc: 54.18 ng/ml



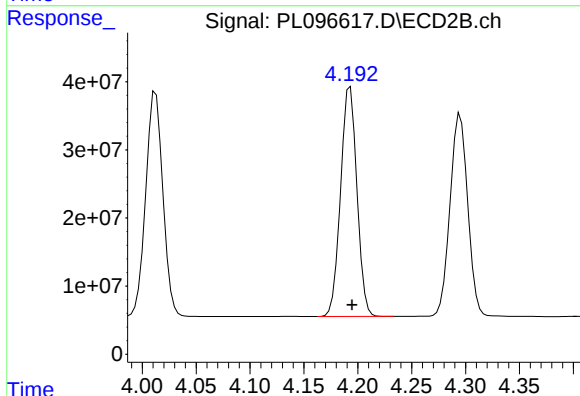
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 201050732
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

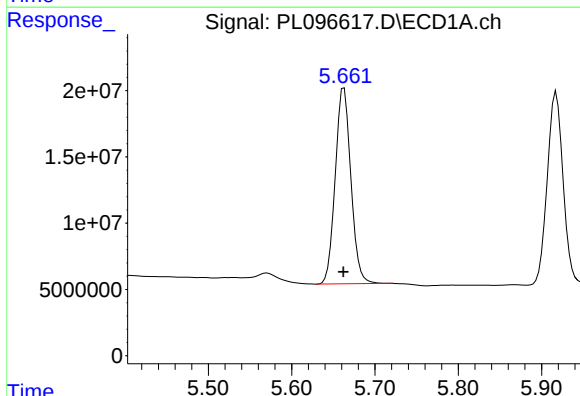
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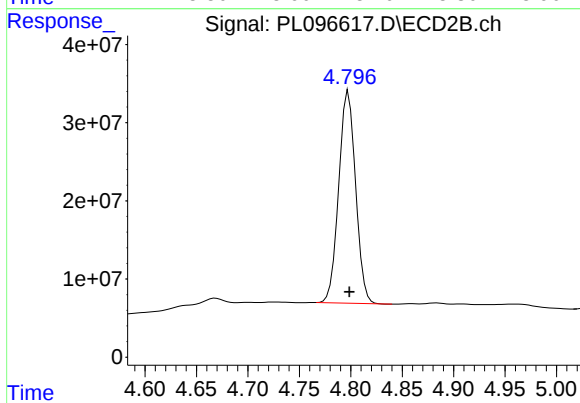
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.002 min
Response: 355762155
Conc: 54.96 ng/ml



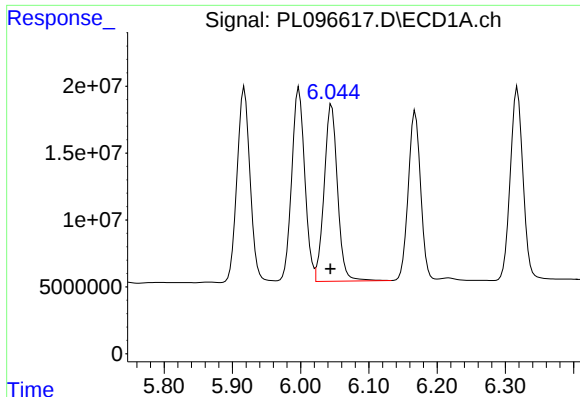
#8 Heptachlor epoxide

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 193050599
Conc: 50.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: -0.001 min
Response: 309639921
Conc: 54.21 ng/ml



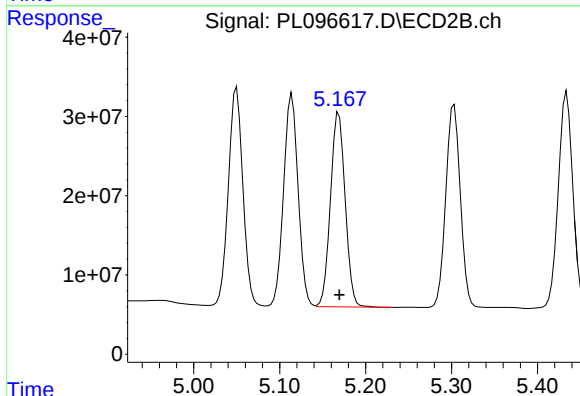
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: 0.002 min
Response: 180385285
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

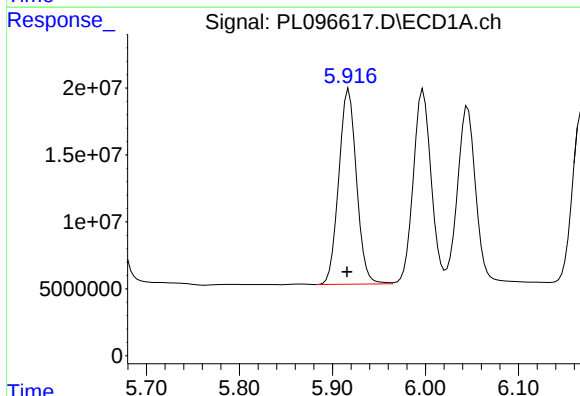
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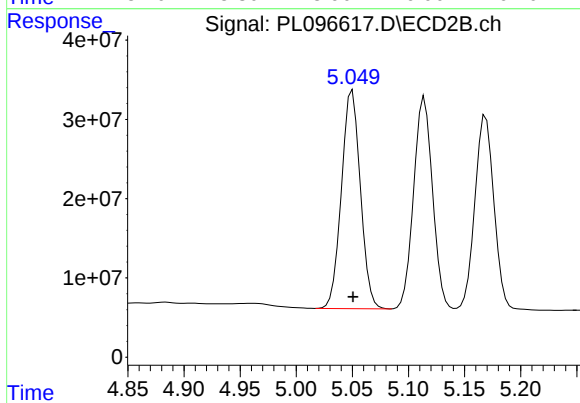
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 290442084
Conc: 52.51 ng/ml



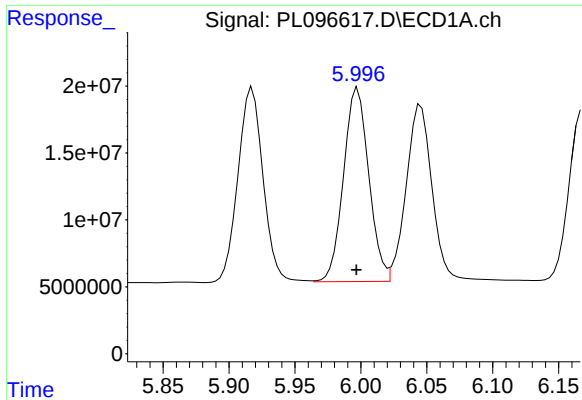
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: 0.002 min
Response: 193103533
Conc: 50.75 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 323645261
Conc: 55.04 ng/ml



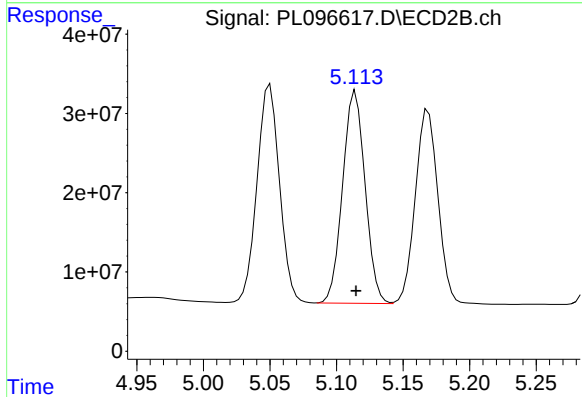
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: 0.001 min
Response: 192878844
Conc: 50.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

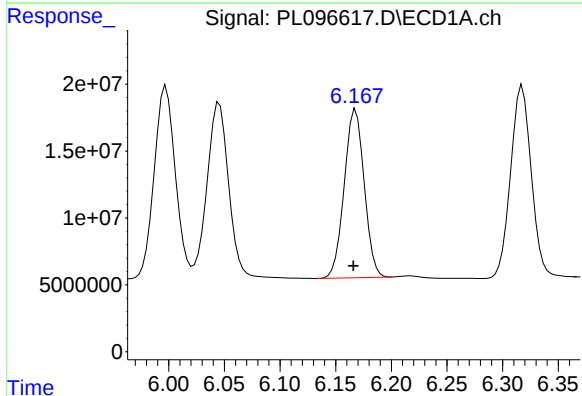
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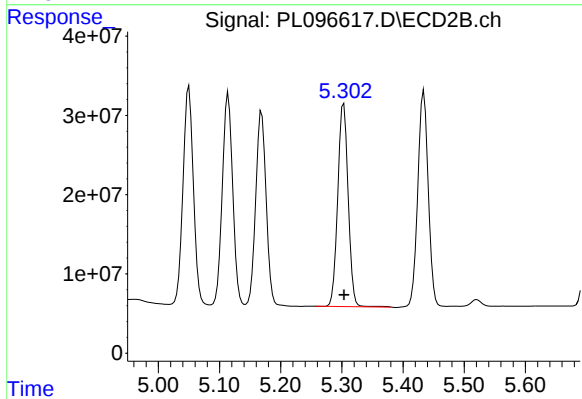
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 314849309
Conc: 53.37 ng/ml



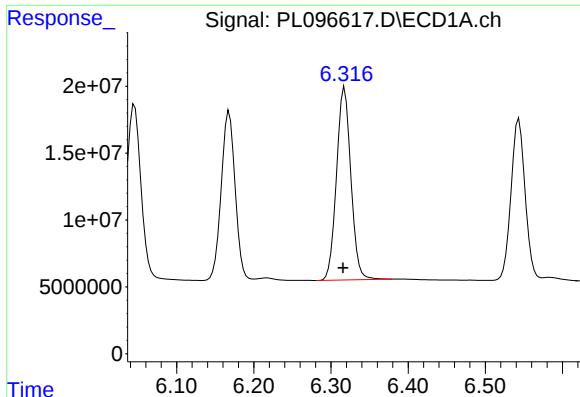
#12 4,4'-DDE

R.T.: 6.168 min
Delta R.T.: 0.002 min
Response: 157321789
Conc: 48.99 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 302937594
Conc: 54.94 ng/ml



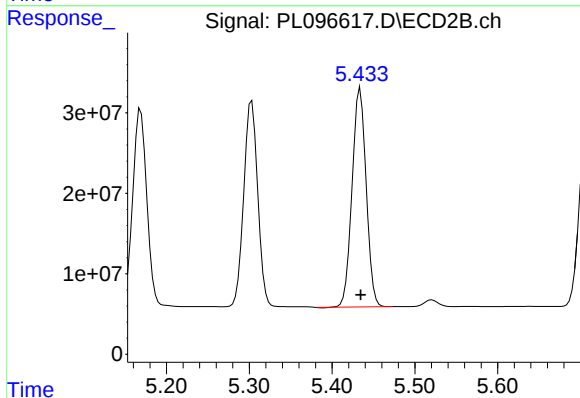
#13 Dieldrin

R.T.: 6.318 min
Delta R.T.: 0.002 min
Response: 187083763
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

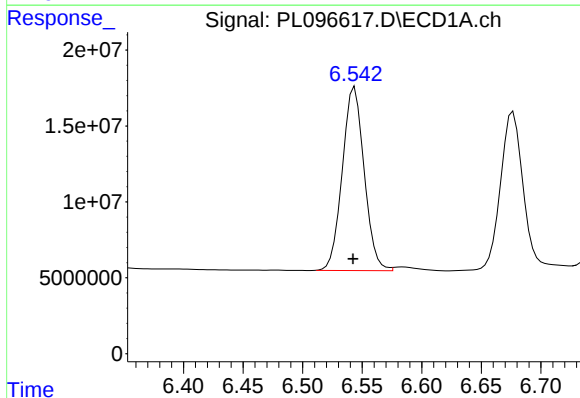
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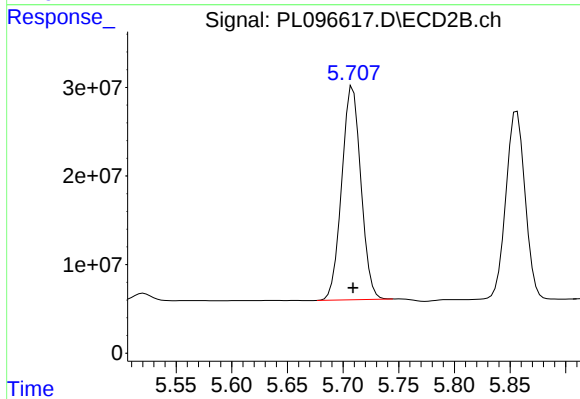
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 321547295
Conc: 54.44 ng/ml



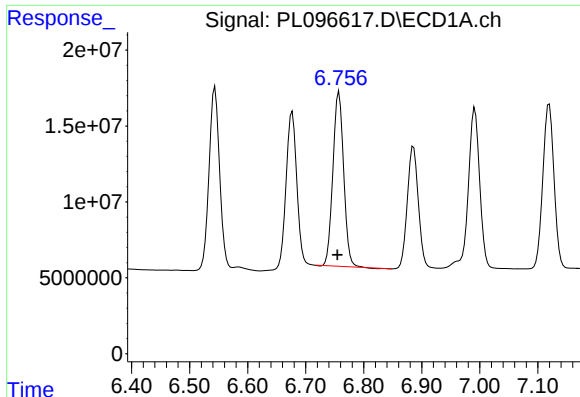
#14 Endrin

R.T.: 6.544 min
Delta R.T.: 0.001 min
Response: 154370609
Conc: 51.00 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 289344530
Conc: 53.52 ng/ml



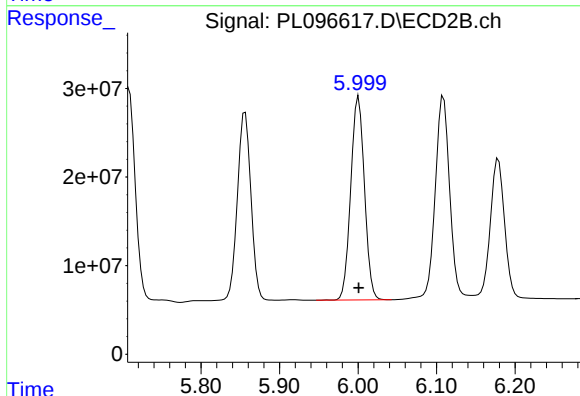
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.002 min
Response: 148204542
Conc: 46.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

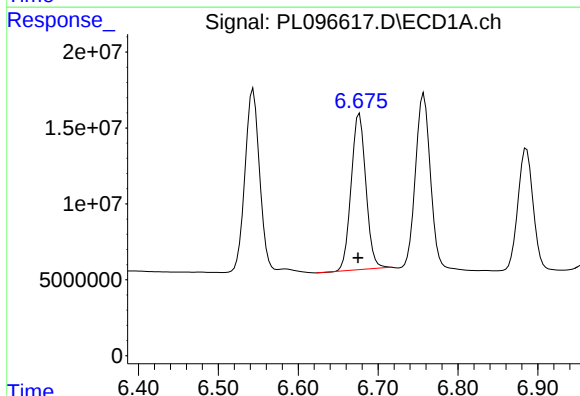
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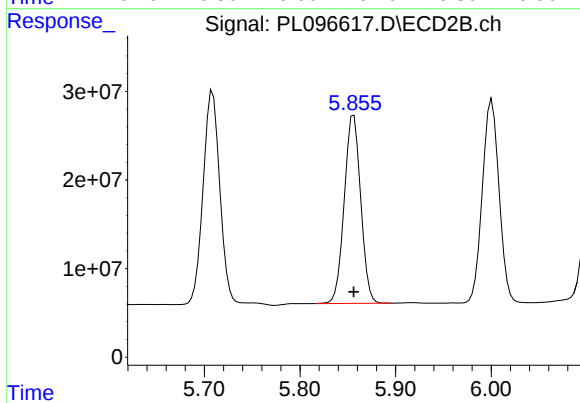
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 278746954
Conc: 54.27 ng/ml



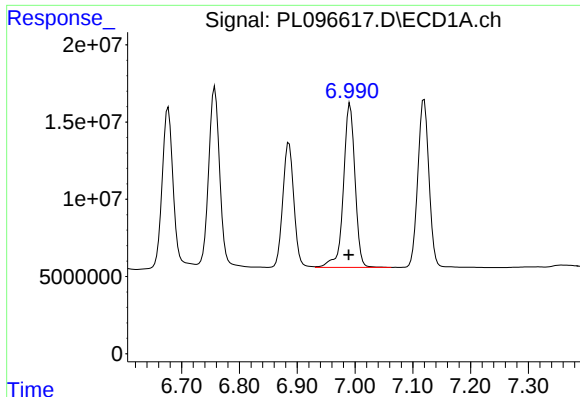
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 131717075
Conc: 52.10 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 254623482
Conc: 54.11 ng/ml



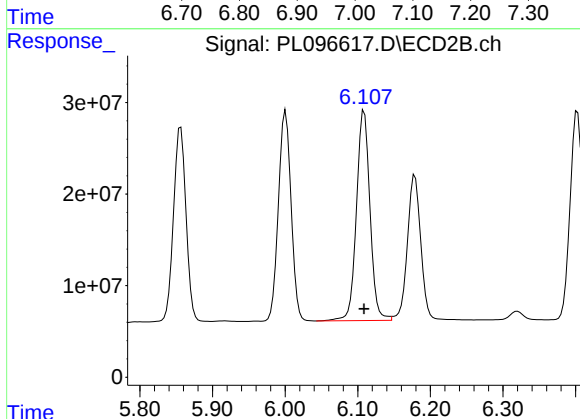
#17 4,4'-DDT

R.T.: 6.991 min
Delta R.T.: 0.002 min
Response: 146331536
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

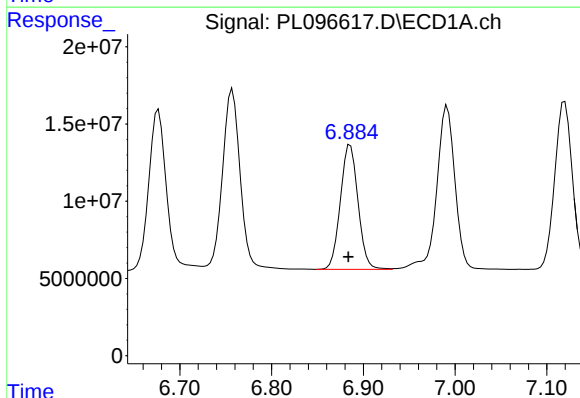
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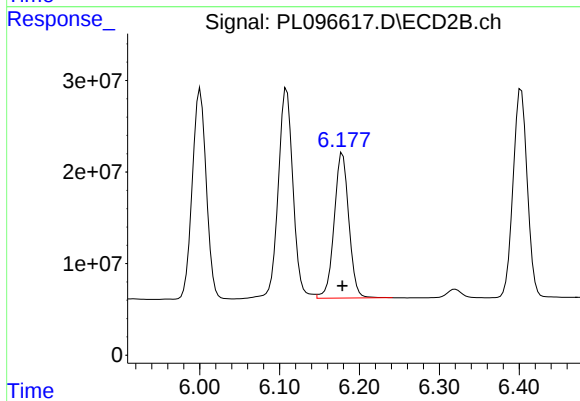
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 296269629
Conc: 58.57 ng/ml



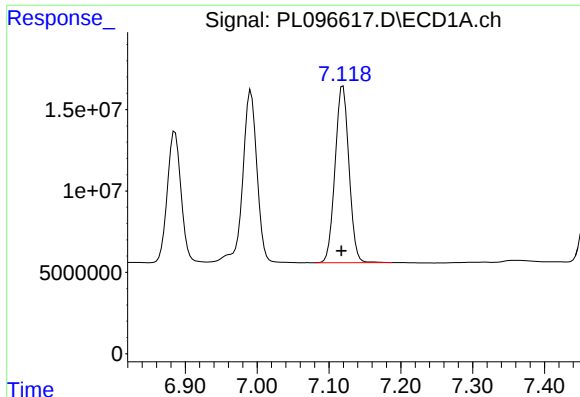
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.002 min
Response: 107498393
Conc: 50.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 202643053
Conc: 54.89 ng/ml



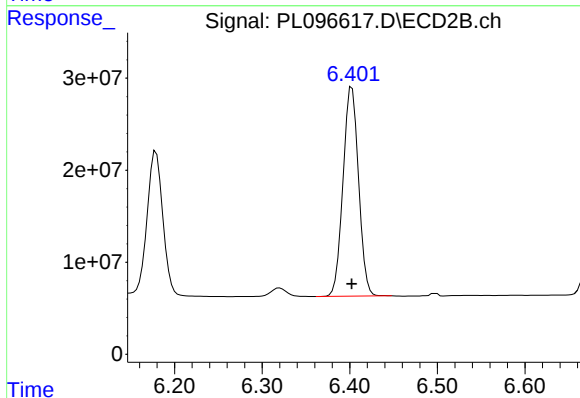
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.002 min
Response: 145606804
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

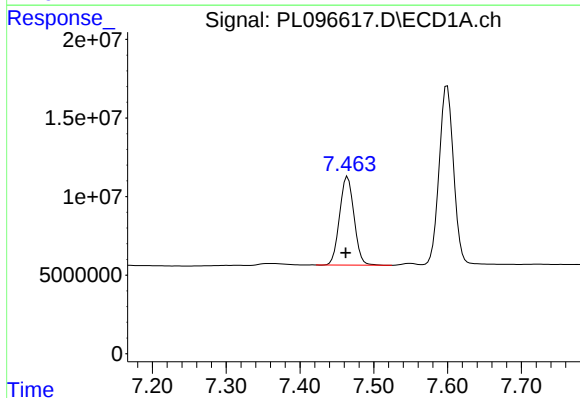
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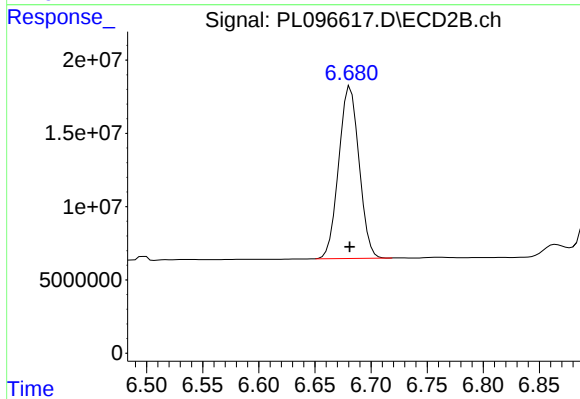
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 280682798
Conc: 55.19 ng/ml



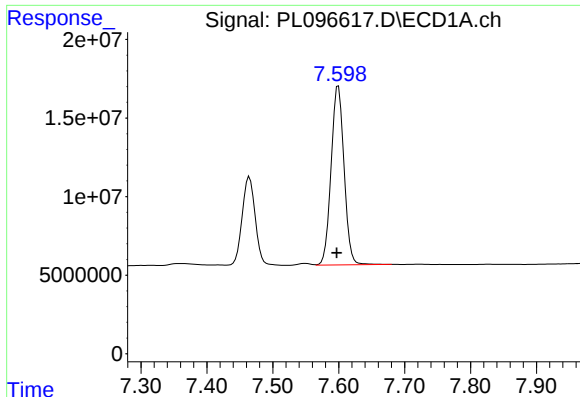
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.002 min
Response: 76654150
Conc: 52.20 ng/ml



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 148305385
Conc: 54.12 ng/ml



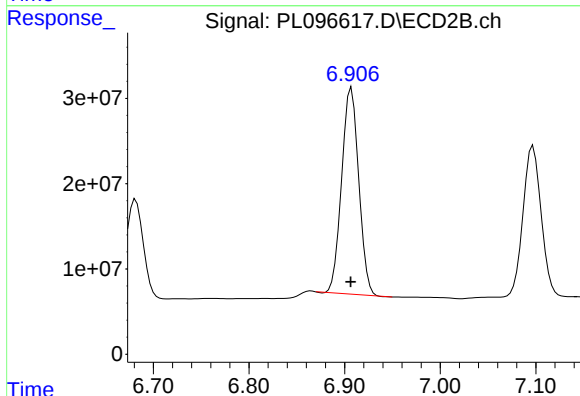
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.003 min
Response: 155351163
Conc: 51.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

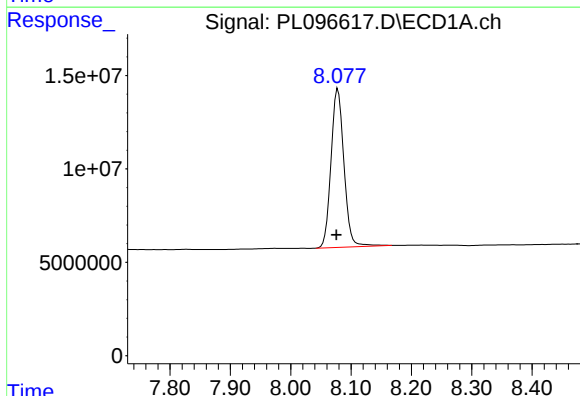
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



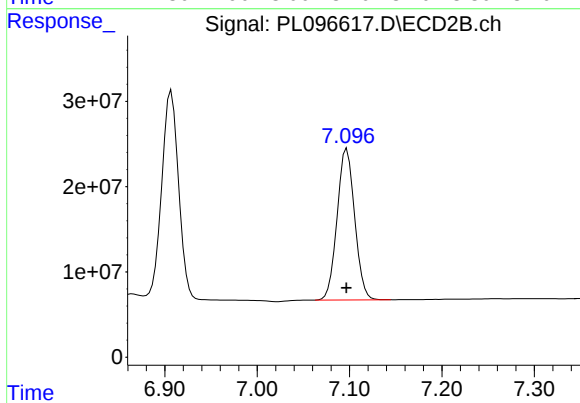
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 300094673
Conc: 53.88 ng/ml



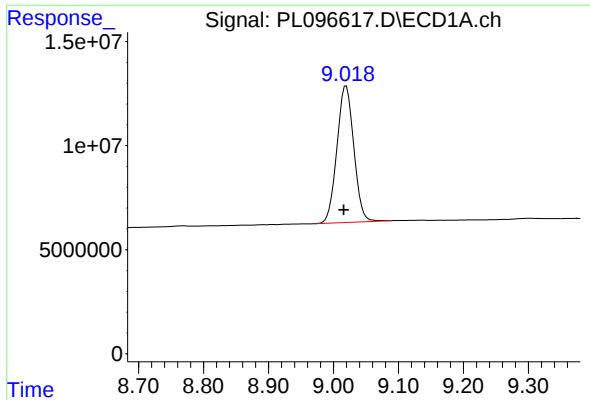
#22 Mirex

R.T.: 8.078 min
Delta R.T.: 0.003 min
Response: 126223047
Conc: 50.91 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 234394813
Conc: 53.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.019 min

Delta R.T.: 0.004 min

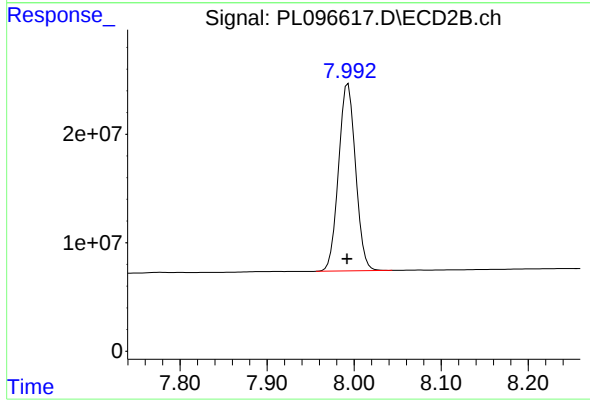
Response: 118329827

Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



#28 Decachlorobiphenyl

R.T.: 7.993 min

Delta R.T.: 0.001 min

Response: 234806260

Conc: 54.12 ng/ml