

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071625\
 Data File : PL096424.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 21:23
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/17/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 01:48:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.537	2.829	209.3E6	357.8E6	57.350	61.990
28)	SA Decachlor...	9.020	7.994	144.0E6	263.3E6	51.189	52.804
Target Compounds							
2)	A alpha-BHC	3.984	3.335	320.6E6	567.1E6	62.339	67.240
3)	MA gamma-BHC...	4.313	3.666	307.6E6	522.1E6	61.775	66.296
4)	MA Heptachlor	4.906	4.016	285.0E6	506.6E6	62.215	66.586
5)	MB Aldrin	5.245	4.299	289.6E6	477.8E6	59.906	65.490
6)	B beta-BHC	4.499	3.962	127.9E6	217.8E6	61.537	63.616
7)	B delta-BHC	4.745	4.196	282.6E6	507.9E6	63.071	65.941
8)	B Heptachlo...	5.665	4.800	275.4E6	423.5E6	66.370	63.358
9)	A Endosulfan I	6.046	5.172	242.2E6	391.0E6	59.989	54.507
10)	B gamma-Chl...	5.919	5.053	269.9E6	449.8E6	61.006	64.073
11)	B alpha-Chl...	5.999	5.117	263.2E6	440.5E6	60.118	58.576
12)	B 4,4'-DDE	6.169	5.306	218.9E6	411.6E6	59.034	63.682
13)	MA Dieldrin	6.319	5.435	247.3E6	439.4E6	58.486	64.437m
14)	MA Endrin	6.545	5.711	199.4E6	397.5E6	64.113	65.198
15)	B Endosulfa...	6.756	6.002	195.8E6	365.3E6	56.420m	62.288
16)	A 4,4'-DDD	6.677	5.858	181.6E6	345.9E6	62.367	67.453
17)	MA 4,4'-DDT	6.992	6.110	184.0E6	358.4E6	60.637	62.496
18)	B Endrin al...	6.884	6.181	146.8E6	277.5E6	65.644m	62.305
19)	B Endosulfa...	7.120	6.404	177.5E6	356.0E6	58.037	63.289
20)	A Methoxychlor	7.464	6.683	94425106	184.6E6	59.937	60.754
21)	B Endrin ke...	7.599	6.908	185.3E6	405.9E6	56.136	64.913
22)	Mirex	8.079	7.099	152.2E6	287.6E6	54.701	57.893

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071625\
Data File : PL096424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 21:23
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

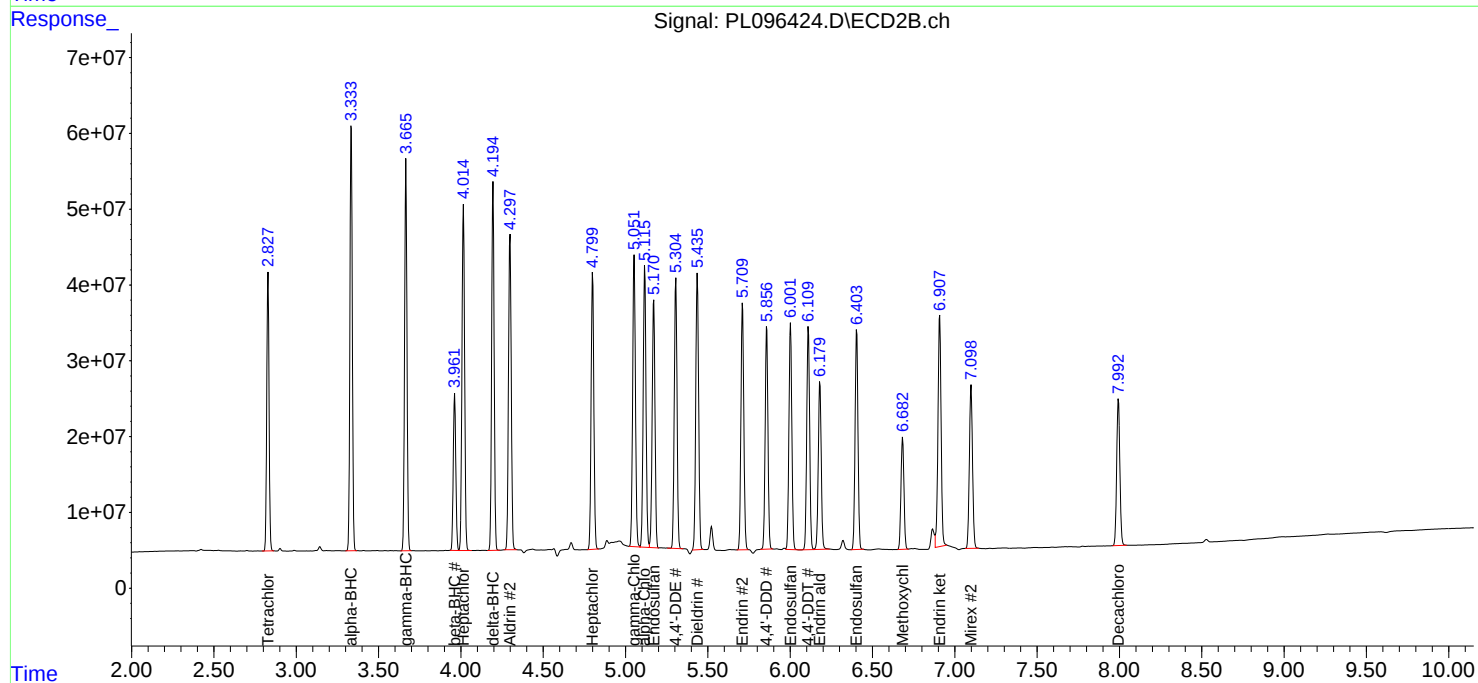
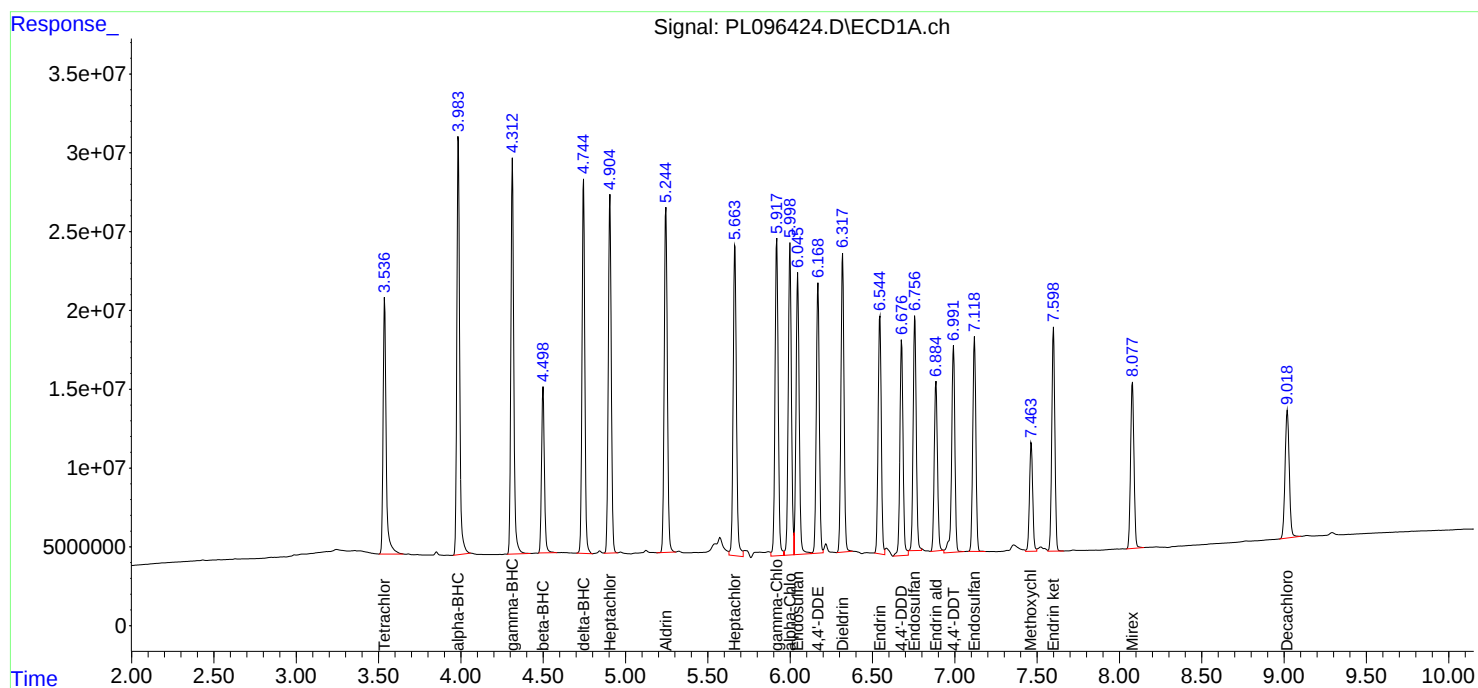
APPROVED

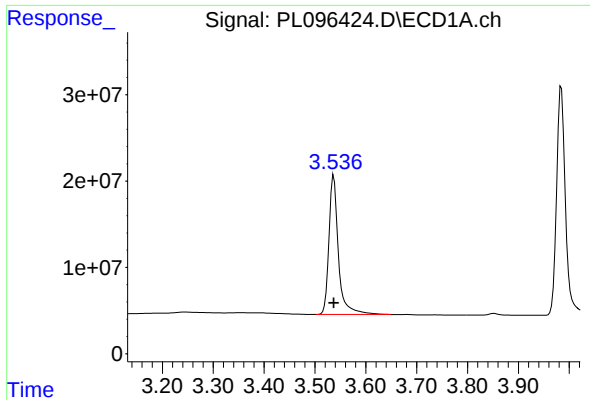
Reviewed By :Abdul Mirza 07/17/2025

Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 01:48:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





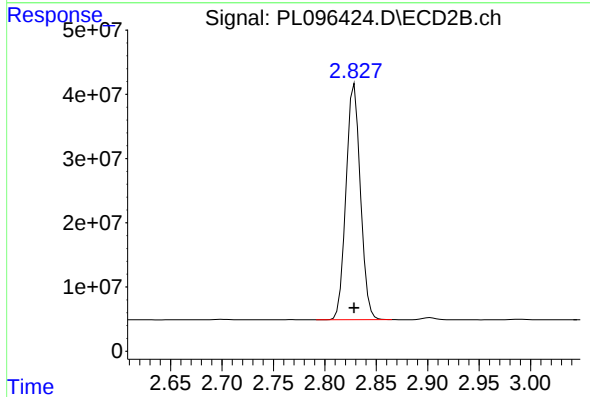
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 209267668
Conc: 57.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

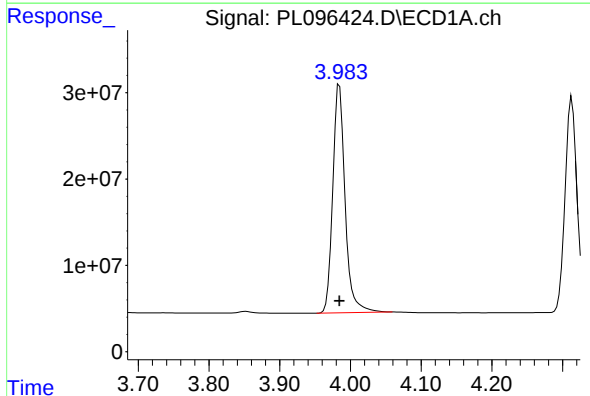
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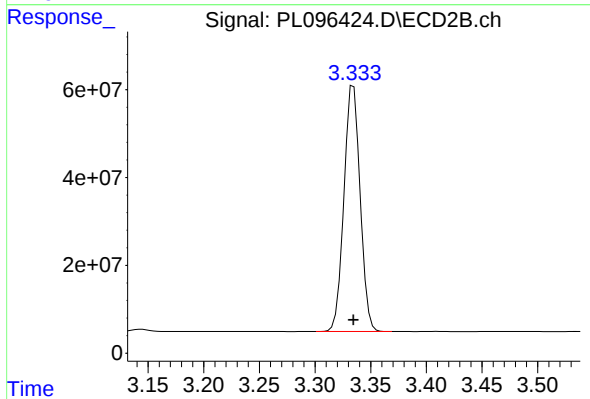
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 357756744
Conc: 61.99 ng/ml



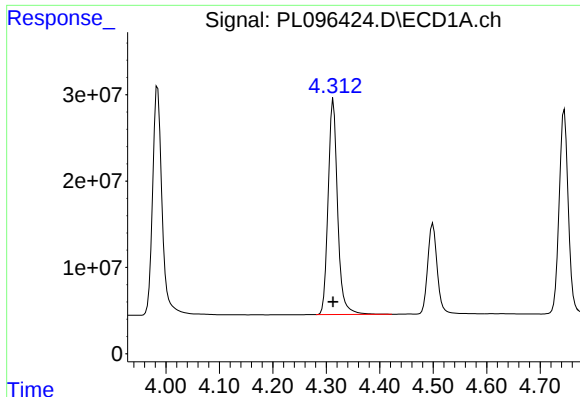
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 320619734
Conc: 62.34 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 567126862
Conc: 67.24 ng/ml



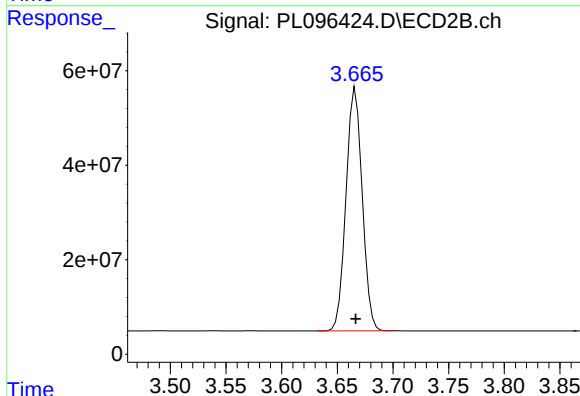
#3 gamma-BHC (Lindane)

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 307618487
Conc: 61.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

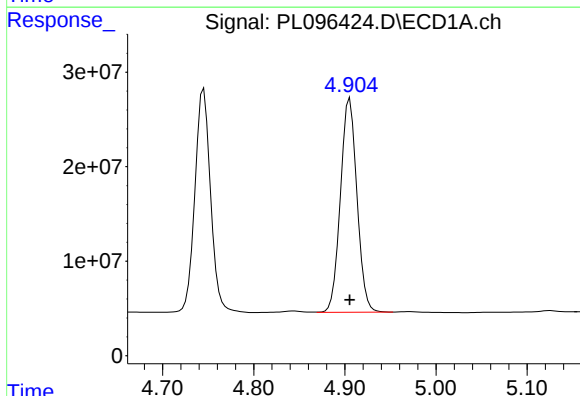
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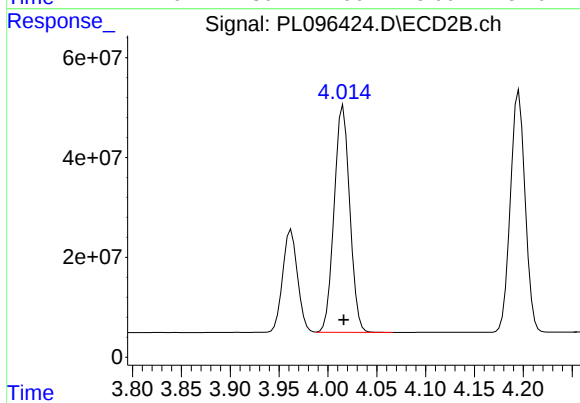
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 522138072
Conc: 66.30 ng/ml



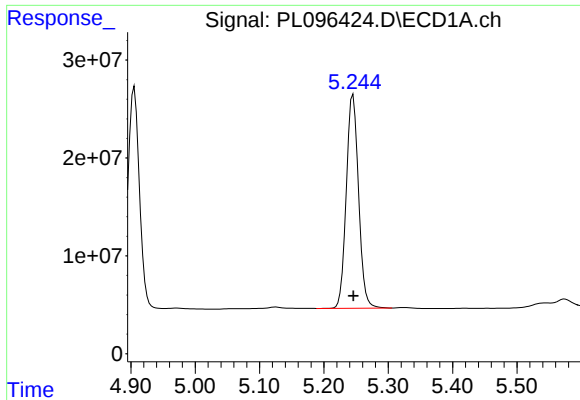
#4 Heptachlor

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 285021491
Conc: 62.22 ng/ml



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 506566620
Conc: 66.59 ng/ml



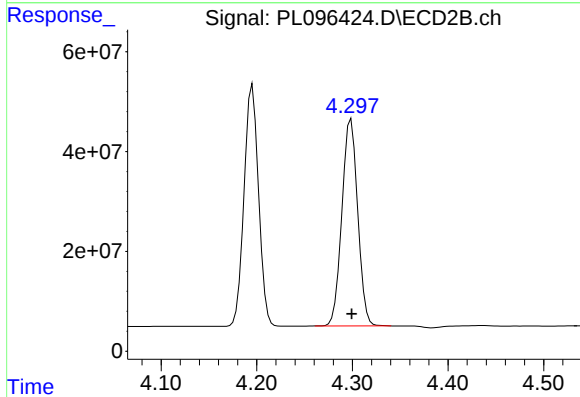
#5 Aldrin

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 289567491
Conc: 59.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

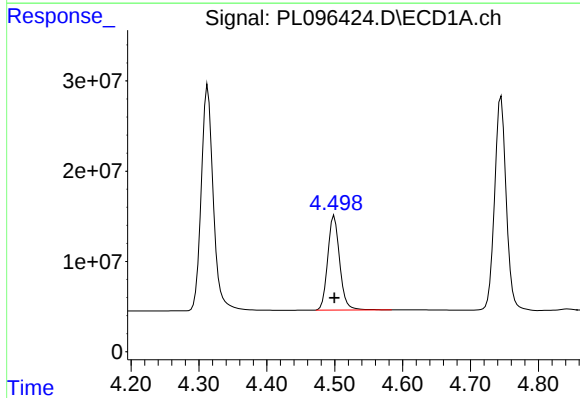
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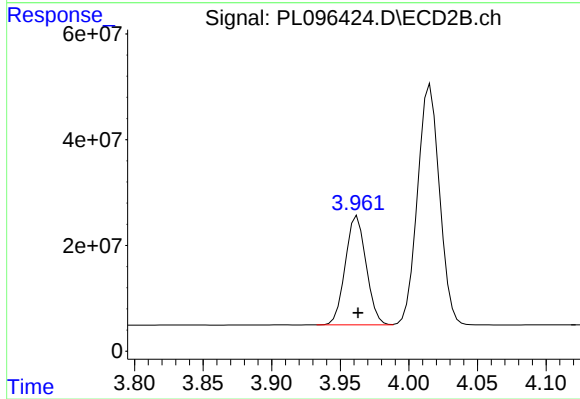
#5 Aldrin

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 477792378
Conc: 65.49 ng/ml



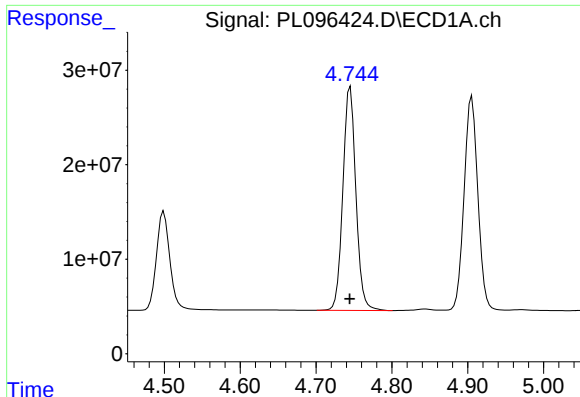
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 127922641
Conc: 61.54 ng/ml



#6 beta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 217816268
Conc: 63.62 ng/ml



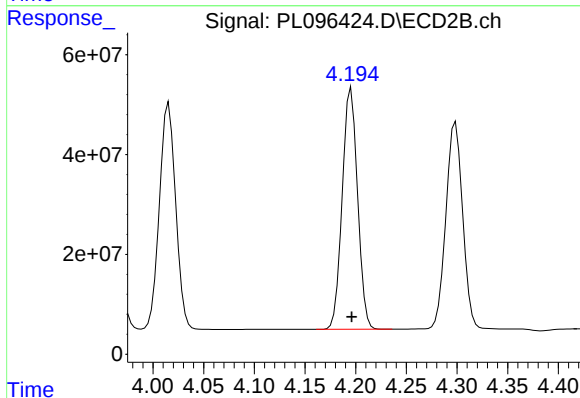
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 282644033
Conc: 63.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

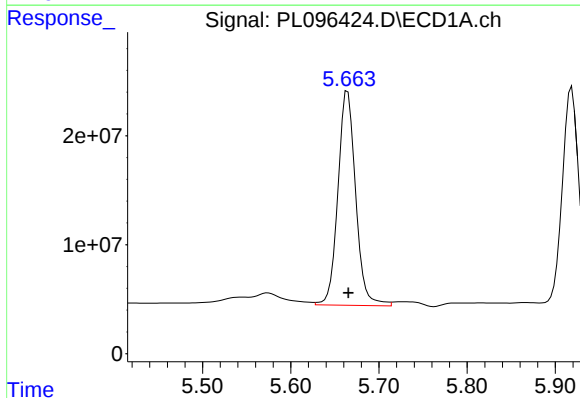
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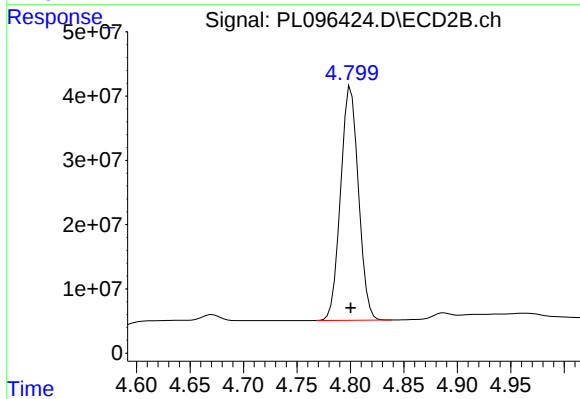
#7 delta-BHC

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 507873343
Conc: 65.94 ng/ml



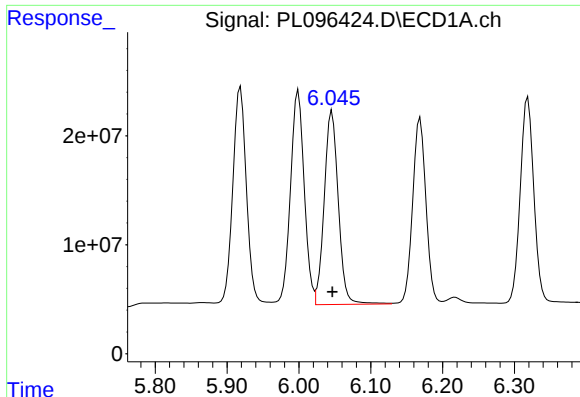
#8 Heptachlor epoxide

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 275379806
Conc: 66.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 423544181
Conc: 63.36 ng/ml



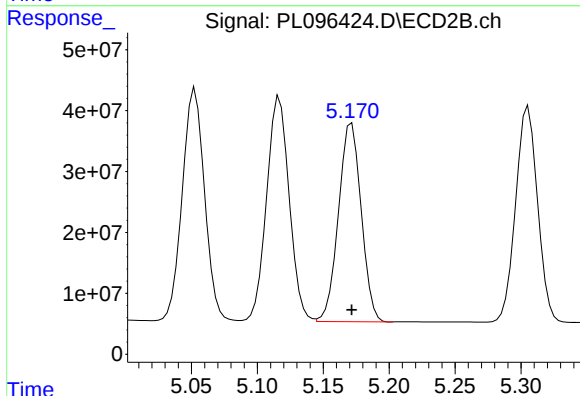
#9 Endosulfan I

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 242191043
Conc: 59.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

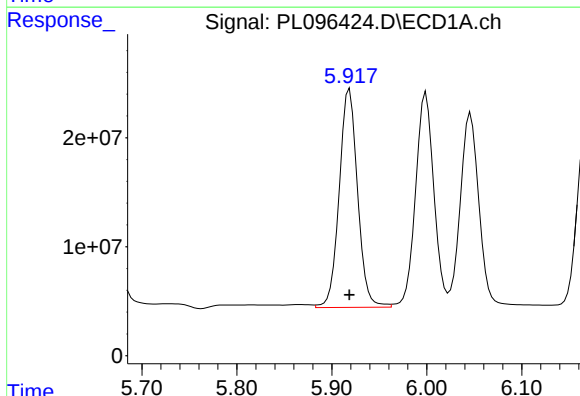
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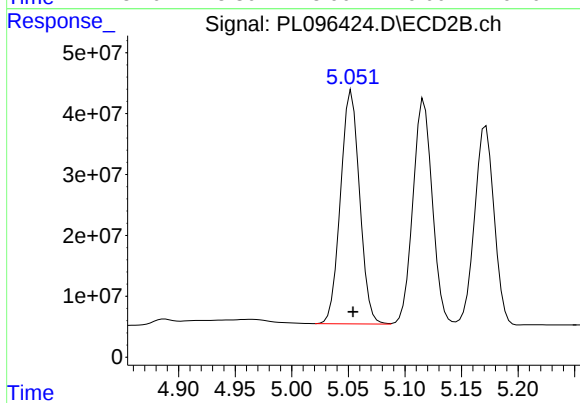
#9 Endosulfan I

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 391042620
Conc: 54.51 ng/ml



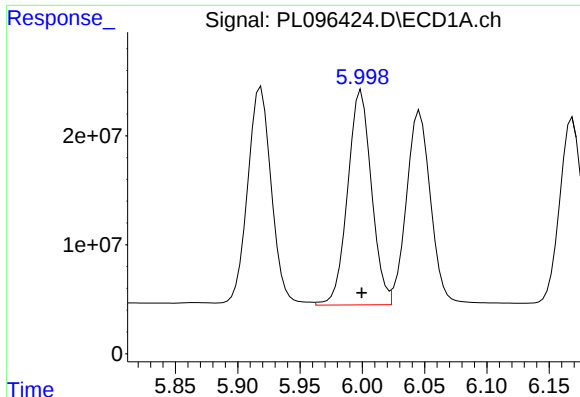
#10 gamma-Chlordane

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 269938336
Conc: 61.01 ng/ml



#10 gamma-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.001 min
Response: 449773947
Conc: 64.07 ng/ml



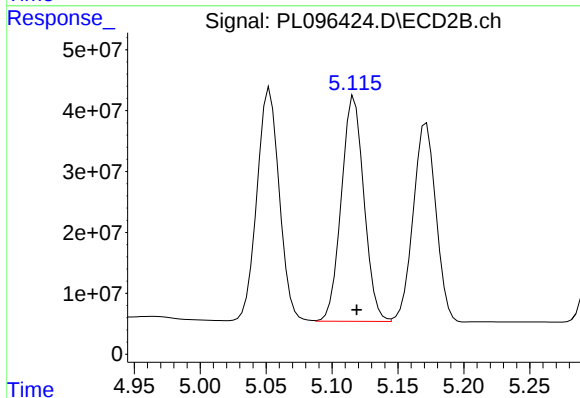
#11 alpha-Chlordane

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 263249447
Conc: 60.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

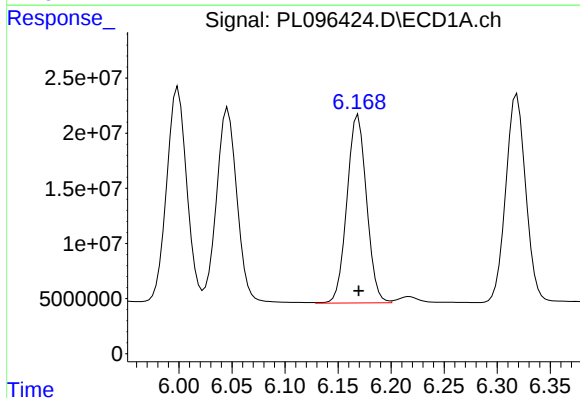
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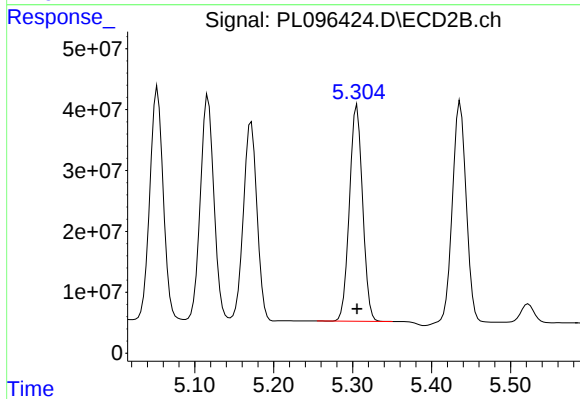
#11 alpha-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 440507714
Conc: 58.58 ng/ml



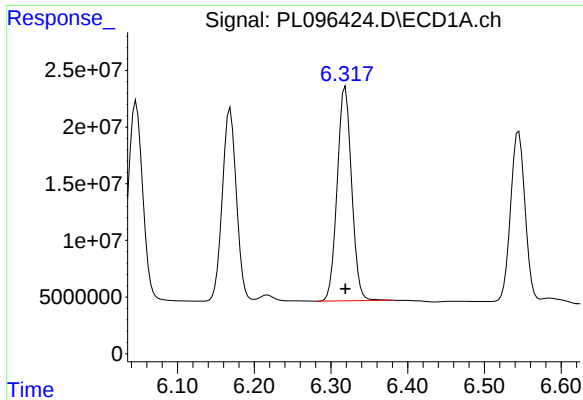
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 218867517
Conc: 59.03 ng/ml



#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: 0.000 min
Response: 411623148
Conc: 63.68 ng/ml



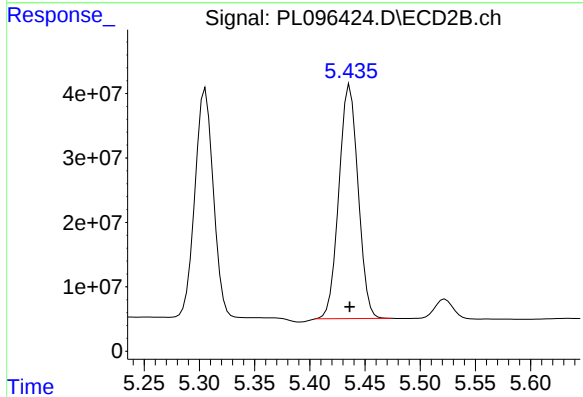
#13 Dieldrin

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 247304016
Conc: 58.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

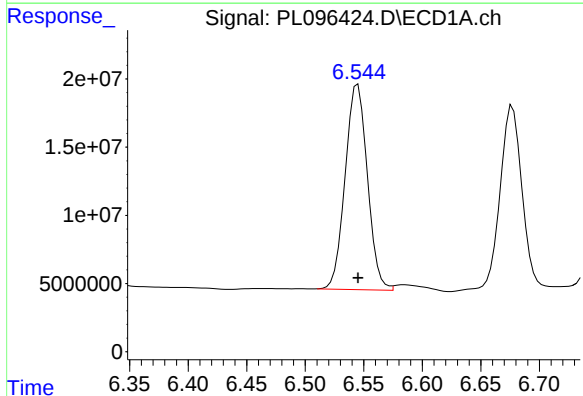
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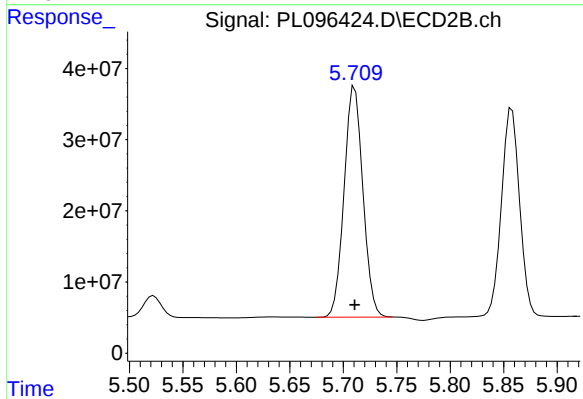
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 439413107
Conc: 64.44 ng/ml m



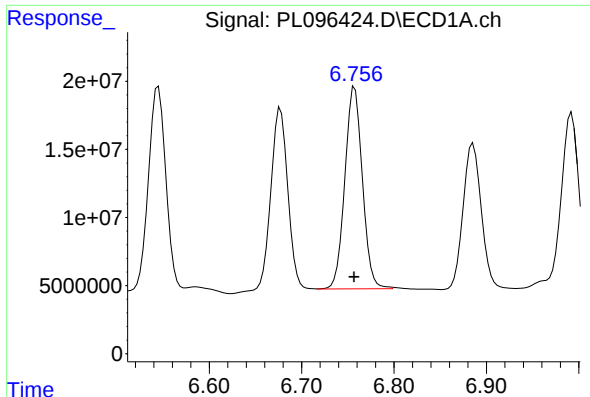
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 199404051
Conc: 64.11 ng/ml



#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 397481723
Conc: 65.20 ng/ml



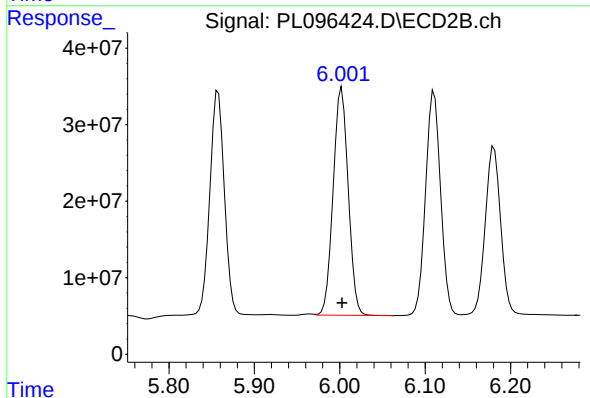
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 195781838
Conc: 56.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

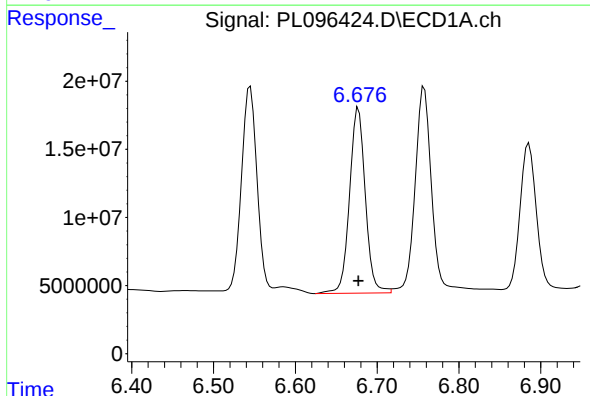
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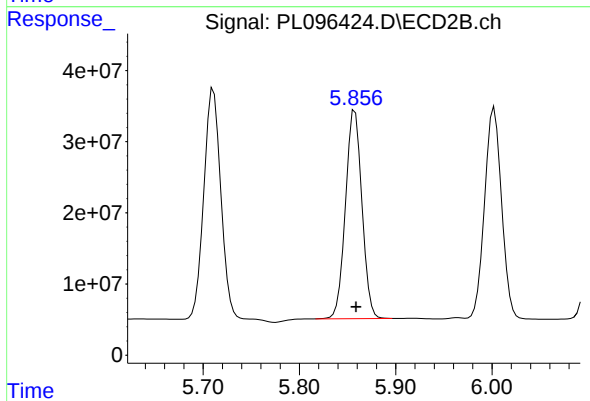
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 365252543
Conc: 62.29 ng/ml



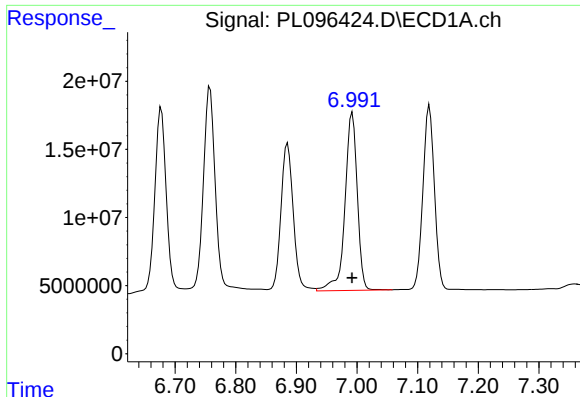
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 181594934
Conc: 62.37 ng/ml



#16 4,4'-DDD

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 345945879
Conc: 67.45 ng/ml



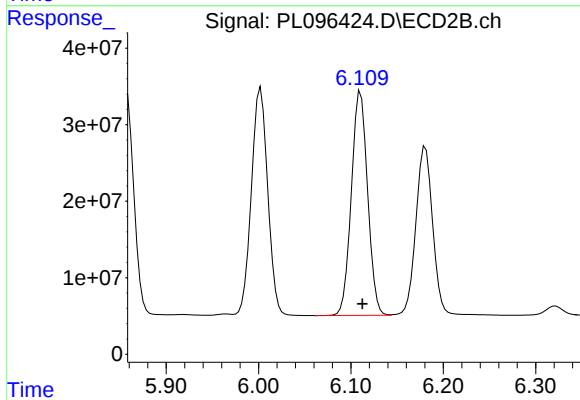
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 184047317
Conc: 60.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

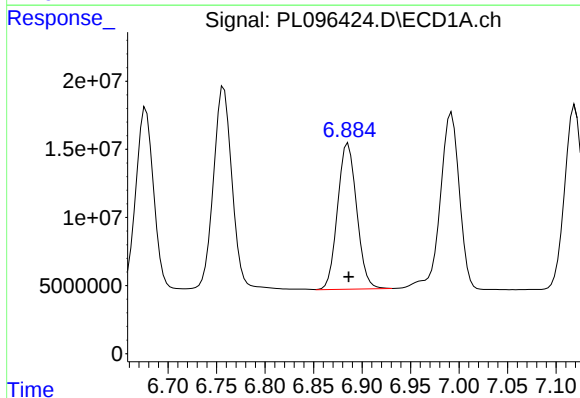
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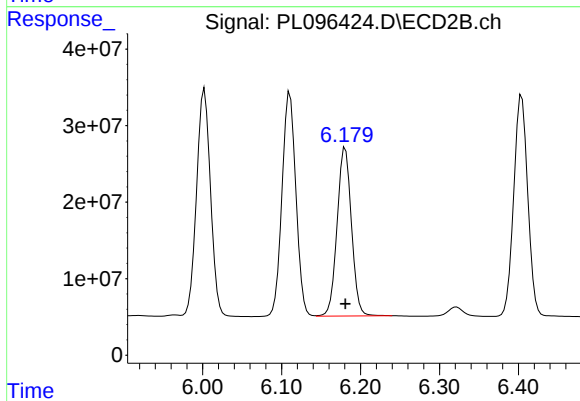
#17 4,4'-DDT

R.T.: 6.110 min
Delta R.T.: -0.002 min
Response: 358420594
Conc: 62.50 ng/ml



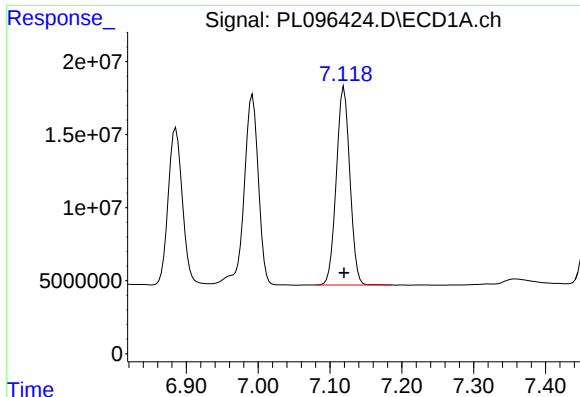
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 146750189
Conc: 65.64 ng/ml m



#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 277543113
Conc: 62.30 ng/ml



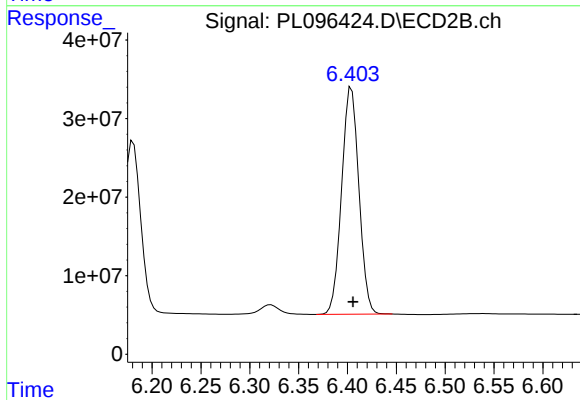
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 177525019
Conc: 58.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

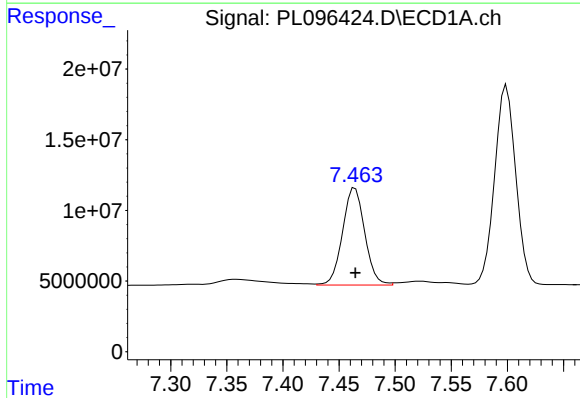
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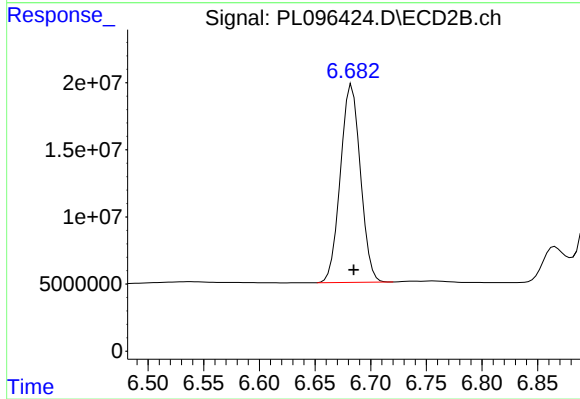
#19 Endosulfan Sulfate

R.T.: 6.404 min
Delta R.T.: -0.001 min
Response: 355963185
Conc: 63.29 ng/ml



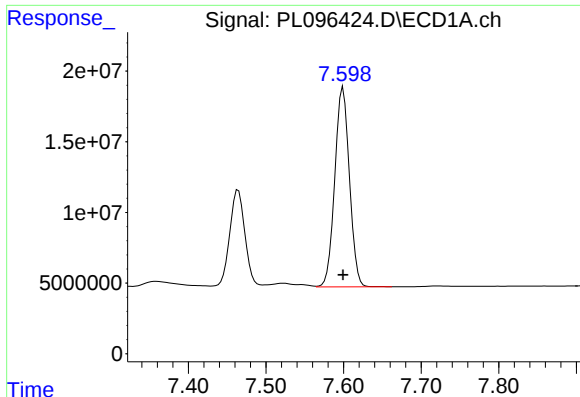
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 94425106
Conc: 59.94 ng/ml



#20 Methoxychlor

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 184556302
Conc: 60.75 ng/ml



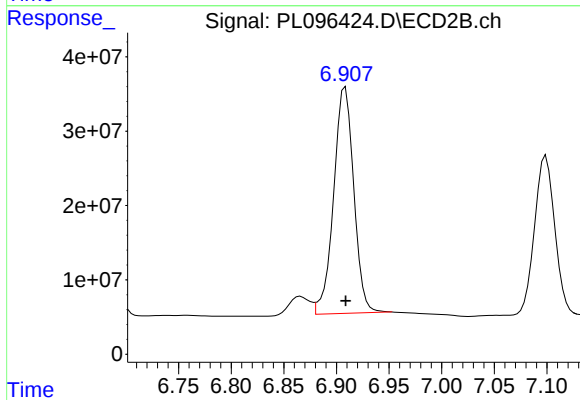
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 185342009
Conc: 56.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

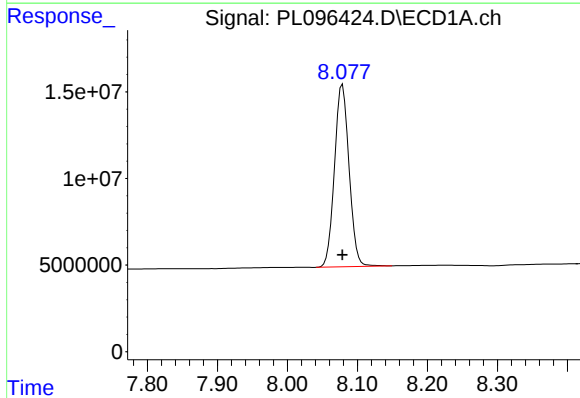
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



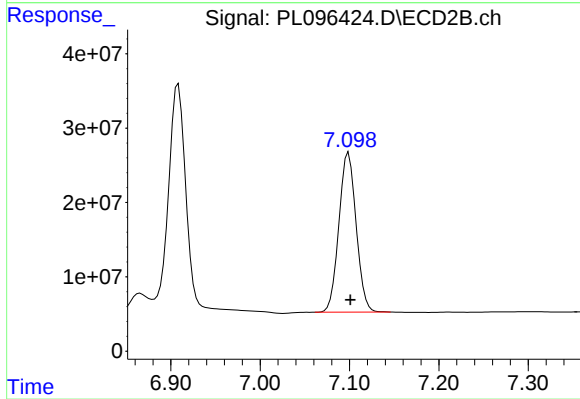
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 405853702
Conc: 64.91 ng/ml



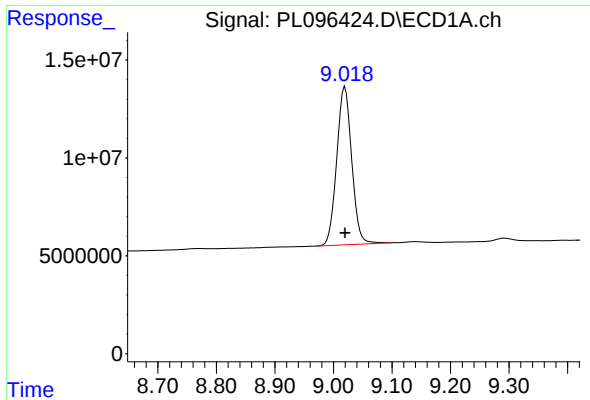
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 152189233
Conc: 54.70 ng/ml



#22 Mirex

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 287622289
Conc: 57.89 ng/ml



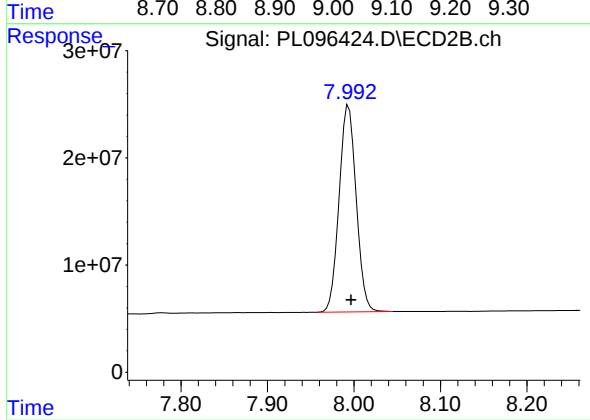
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 143997047
Conc: 51.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.003 min
Response: 263307765
Conc: 52.80 ng/ml