

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
 Data File : PL096327.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 20:44
 Operator : AR\AJ
 Sample : Q2489-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 G4(0-6)MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2025
 Supervised By : mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 02:38:37 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...	3.558f	2.829	73255906	106.7E6	20.076	18.485
28)	SA Decachlor...	9.040f	7.995	60530287	97705674	21.518	19.594
Target Compounds							
2)	A alpha-BHC	4.004f	3.335	295.6E6	429.1E6	57.483m	50.871
3)	MA gamma-BHC...	4.333f	3.667	284.2E6	398.1E6	57.070	50.541
4)	MA Heptachlor	4.926f	4.016	249.2E6	349.6E6	54.402	45.954
5)	MB Aldrin	5.265f	4.299	253.5E6	339.8E6	52.450	46.574
6)	B beta-BHC	4.519f	3.963	115.6E6	166.7E6	55.586	48.693
7)	B delta-BHC	4.765f	4.196	265.5E6	389.2E6	59.240	50.539
8)	B Heptachlo...	5.685f	4.801	241.7E6	328.4E6	58.249	49.125
9)	A Endosulfan I	6.067f	5.172	228.0E6	310.7E6	56.474	43.307
10)	B gamma-Chl...	5.939f	5.053	243.1E6	343.3E6	54.946	48.904
11)	B alpha-Chl...	6.019f	5.118	242.1E6	339.5E6	55.291	45.151
12)	B 4,4'-DDE	6.189f	5.306	206.5E6	319.7E6	55.686	49.460
13)	MA Dieldrin	6.339f	5.437	237.3E6	345.7E6	56.109	50.697
14)	MA Endrin	6.565f	5.711	188.1E6	295.4E6	60.468	48.461
15)	B Endosulfa...	6.778f	6.003	194.4E6	296.6E6	56.010	50.581
16)	A 4,4'-DDD	6.697f	5.859	172.5E6	282.0E6	59.259	54.975
17)	MA 4,4'-DDT	7.012f	6.111	165.9E6	264.8E6	54.650	46.165
18)	B Endrin al...	6.906f	6.182	144.7E6	222.7E6	64.729	49.986
19)	B Endosulfa...	7.140f	6.405	179.7E6	282.2E6	58.757	50.181
20)	A Methoxychlor	7.484f	6.684	84716530	141.6E6	53.775	46.617
21)	B Endrin ke...	7.619f	6.909	193.6E6	323.4E6	58.650	51.725
22)	Mirex	8.099f	7.100	150.8E6	242.5E6	54.211	48.807

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 20:44
Operator : AR\AJ
Sample : Q2489-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

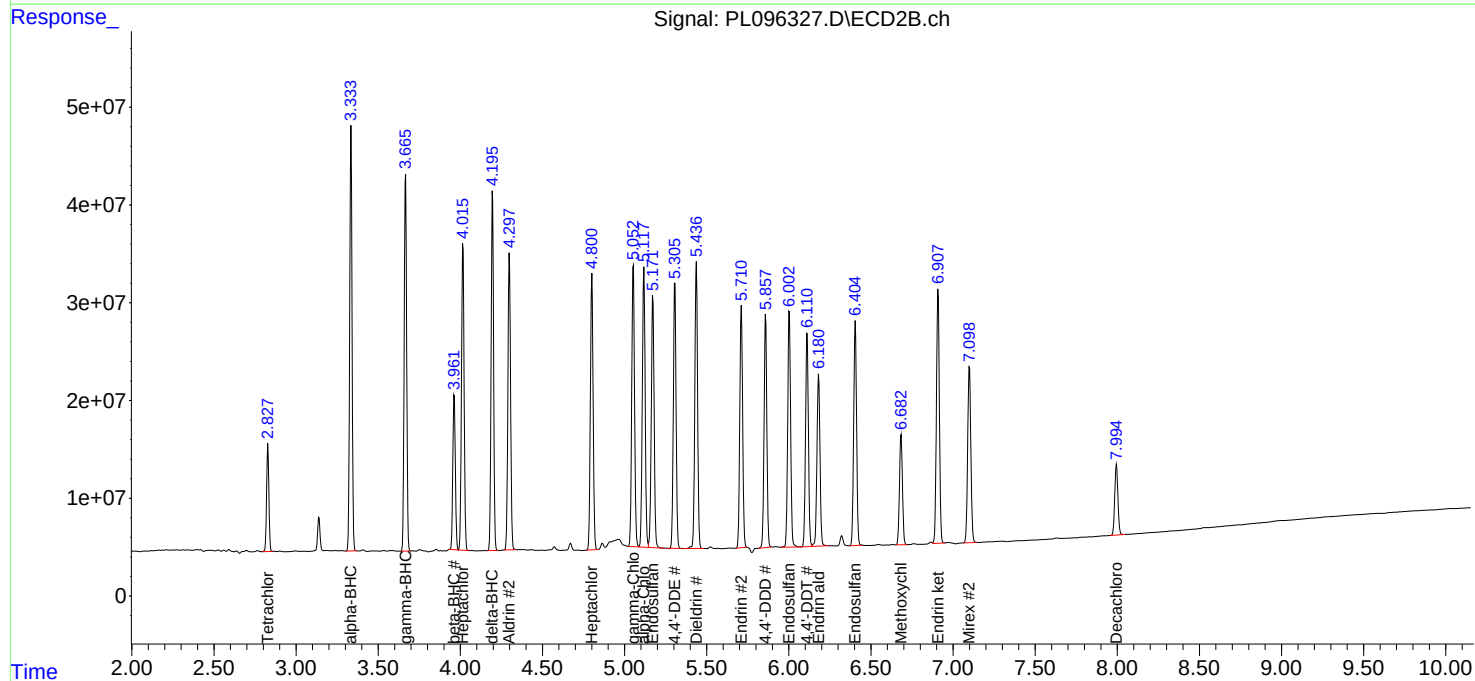
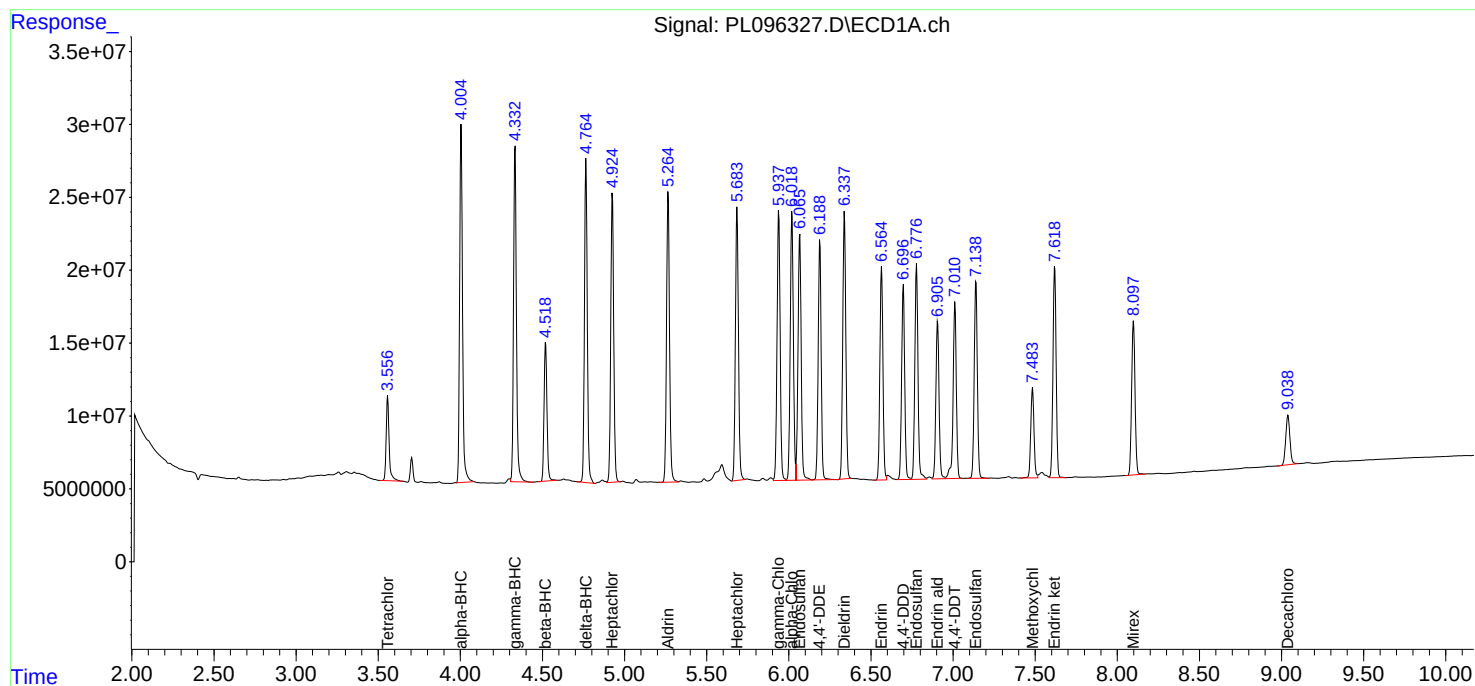
Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

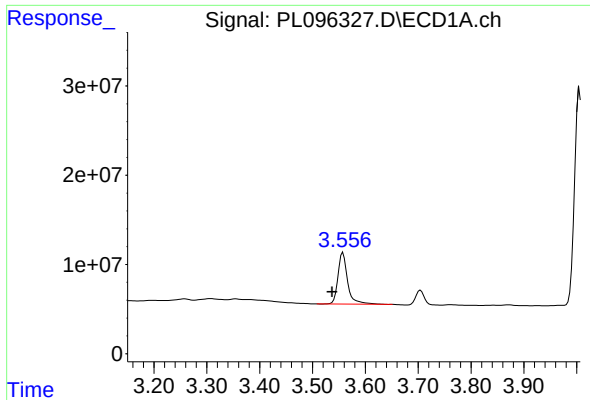
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:38:37 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





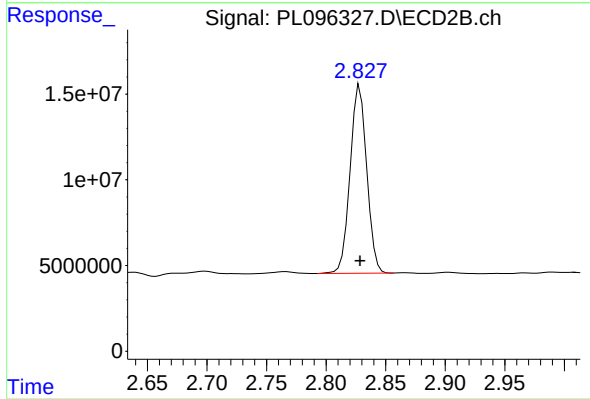
#1 Tetrachloro-m-xylene

R.T.: 3.558 min
Delta R.T.: 0.021 min
Response: 73255906
Conc: 20.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

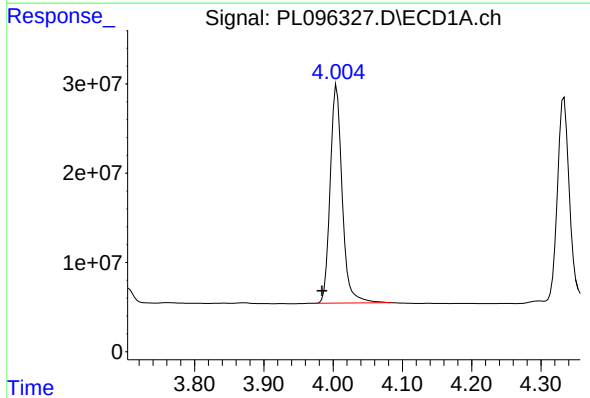
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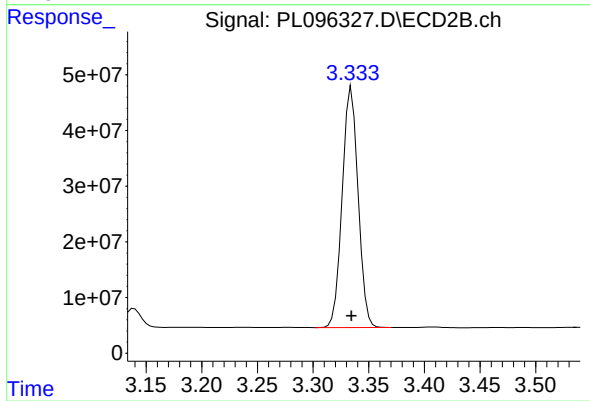
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 106683600
Conc: 18.49 ng/ml



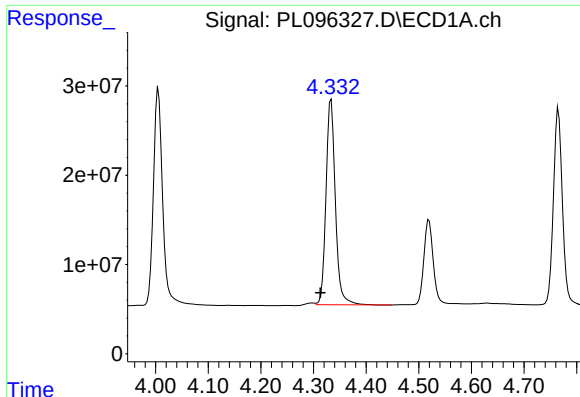
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.020 min
Response: 295643524
Conc: 57.48 ng/ml m



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 429066670
Conc: 50.87 ng/ml



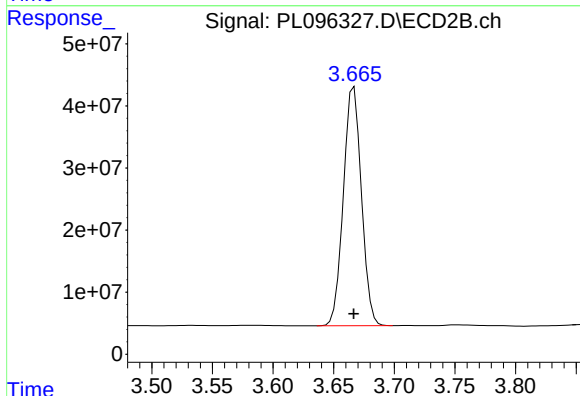
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.020 min
Response: 284190133
Conc: 57.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

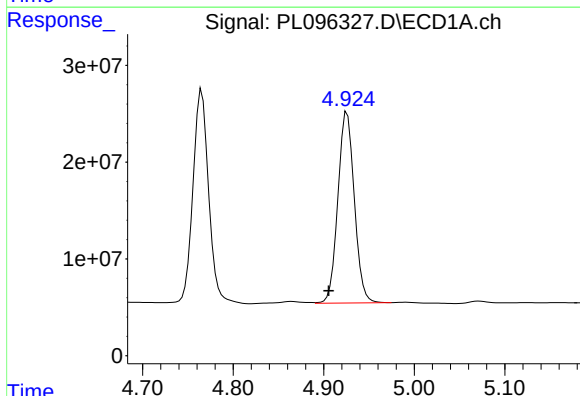
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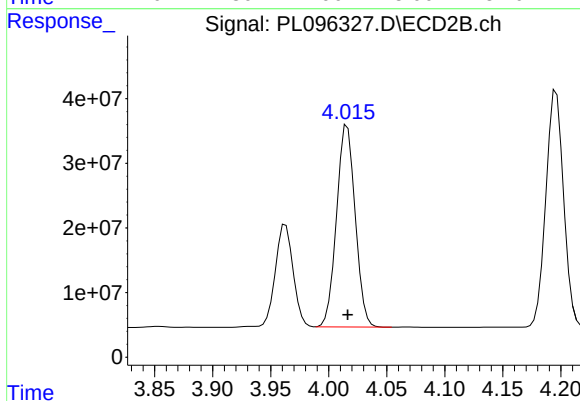
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 398051197
Conc: 50.54 ng/ml



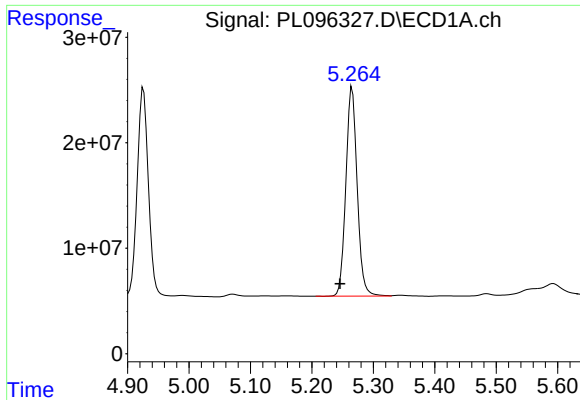
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.020 min
Response: 249226449
Conc: 54.40 ng/ml



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 349603663
Conc: 45.95 ng/ml



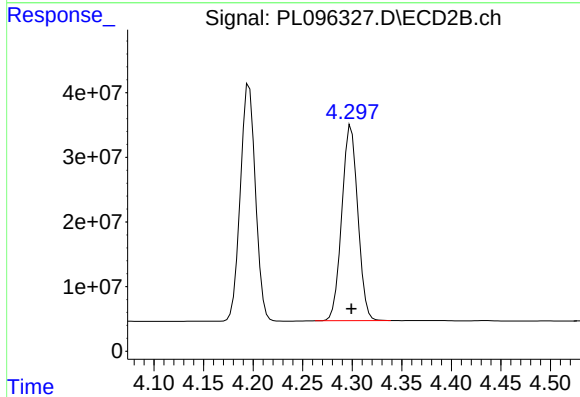
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.020 min
Response: 253527419
Conc: 52.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

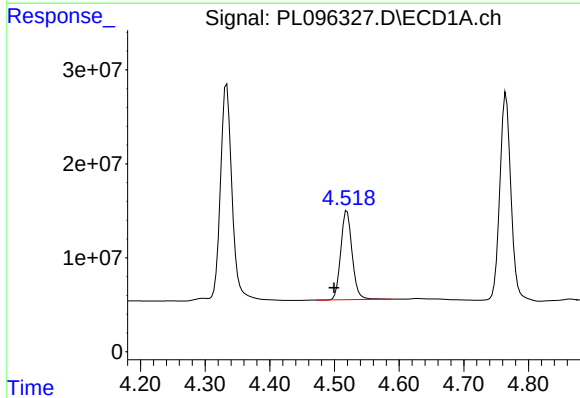
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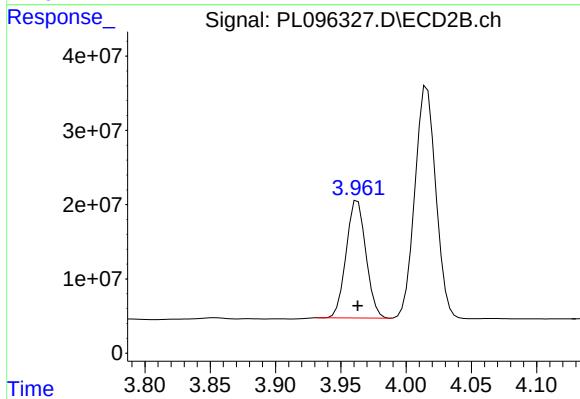
#5 Aldrin

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 339788348
Conc: 46.57 ng/ml



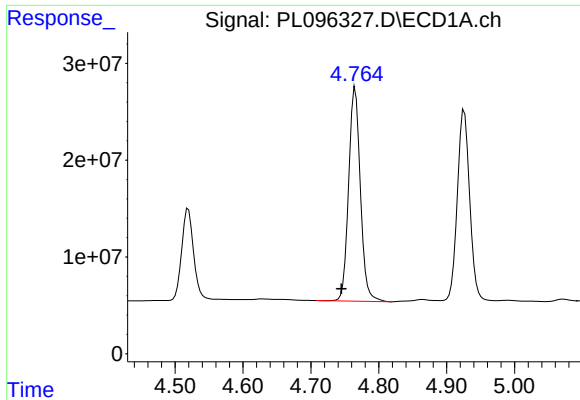
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.020 min
Response: 115552833
Conc: 55.59 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 166719315
Conc: 48.69 ng/ml



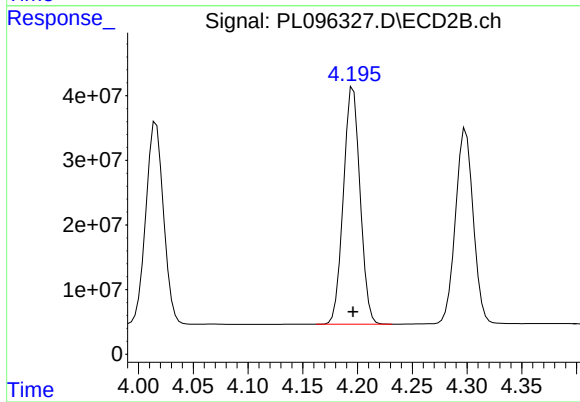
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.021 min
Response: 265475580
Conc: 59.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

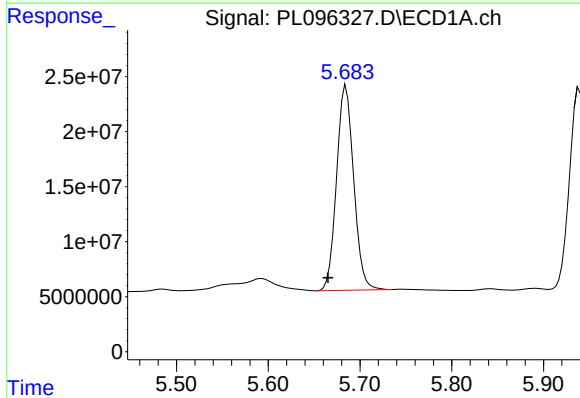
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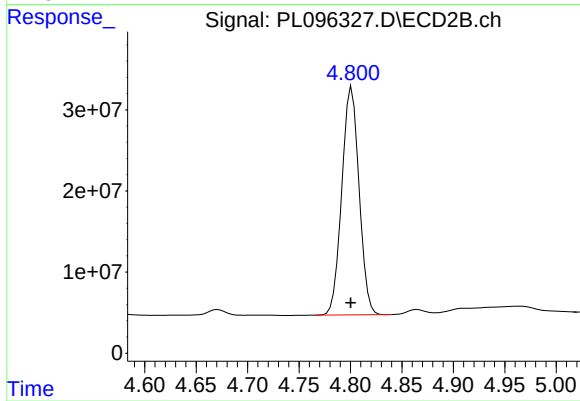
#7 delta-BHC

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 389243180
Conc: 50.54 ng/ml



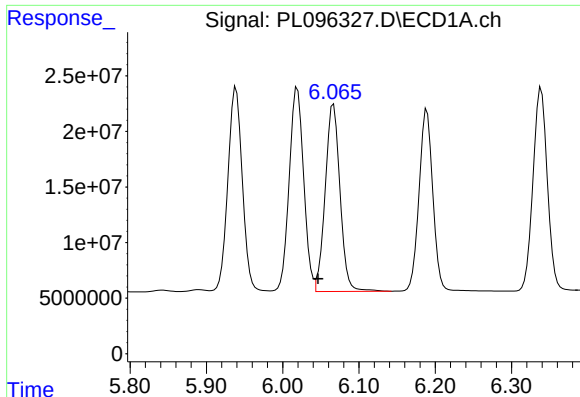
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.020 min
Response: 241685015
Conc: 58.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.801 min
Delta R.T.: 0.001 min
Response: 328395138
Conc: 49.12 ng/ml



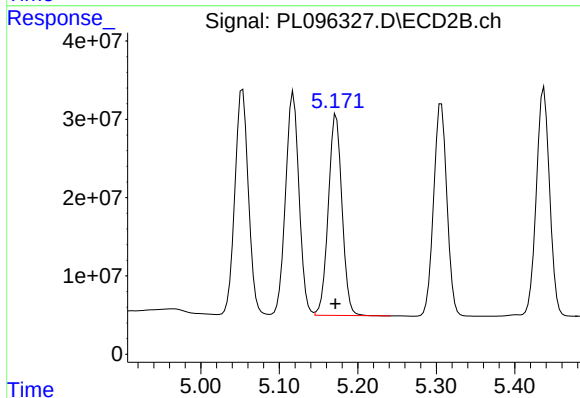
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.020 min
Response: 227999488
Conc: 56.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

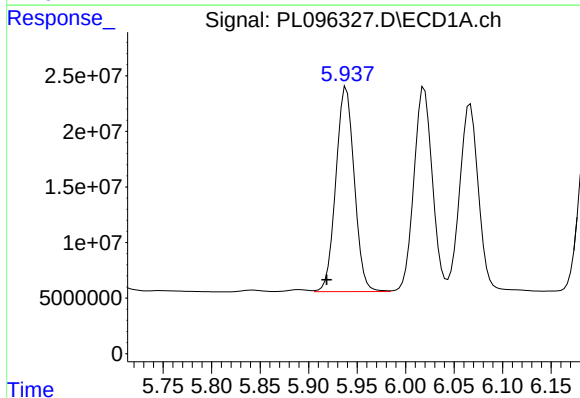
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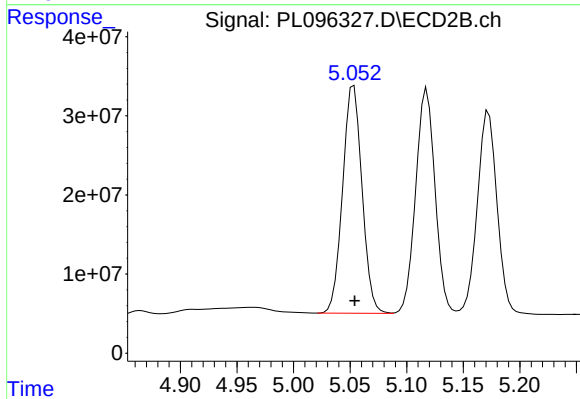
#9 Endosulfan I

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 310688231
Conc: 43.31 ng/ml



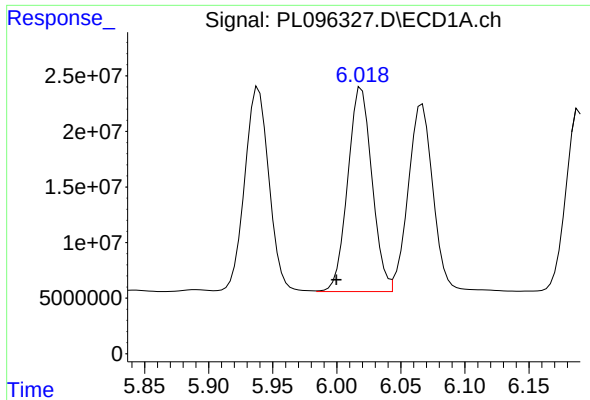
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.020 min
Response: 243124776
Conc: 54.95 ng/ml



#10 gamma-Chlordane

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 343294732
Conc: 48.90 ng/ml



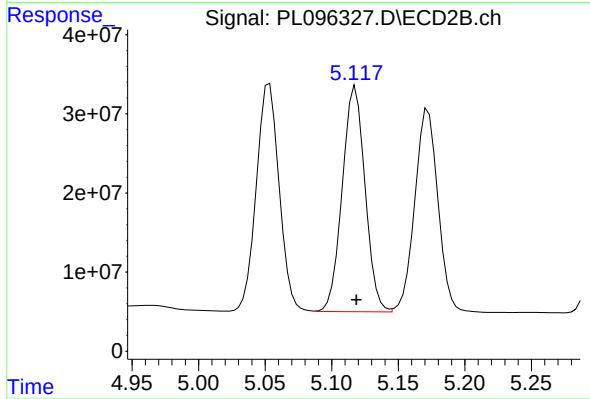
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.020 min
Response: 242112879
Conc: 55.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

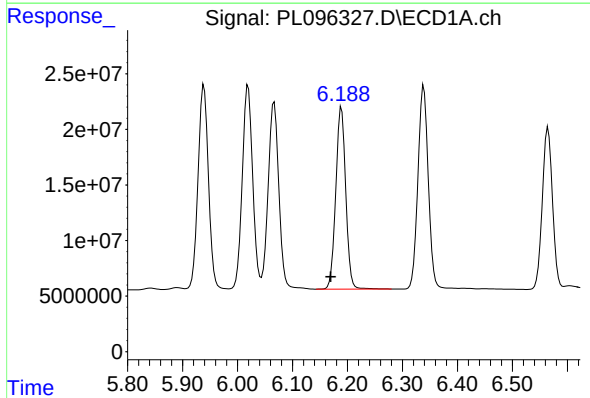
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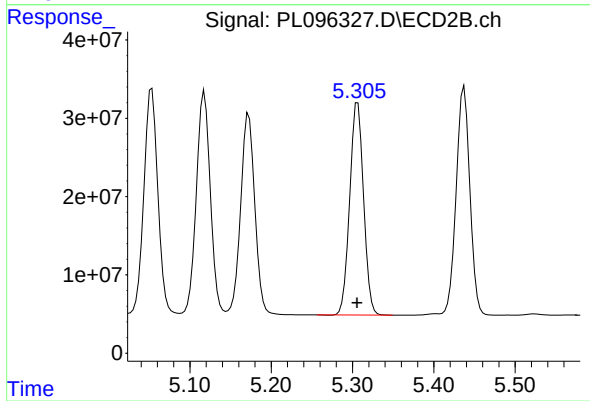
#11 alpha-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 339549505
Conc: 45.15 ng/ml



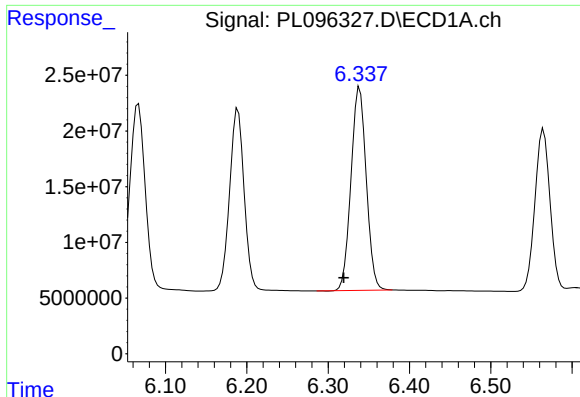
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.019 min
Response: 206455873
Conc: 55.69 ng/ml



#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: 0.000 min
Response: 319694311
Conc: 49.46 ng/ml



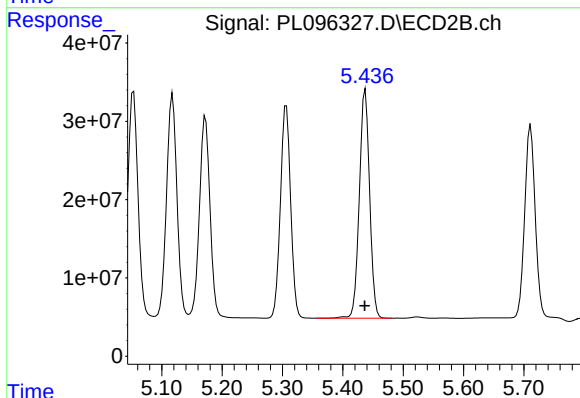
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: 0.020 min
Response: 237251100
Conc: 56.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

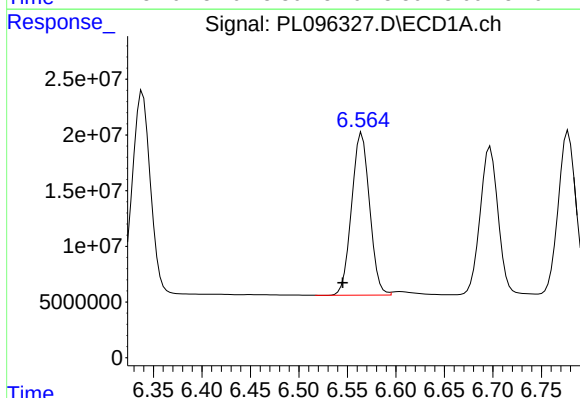
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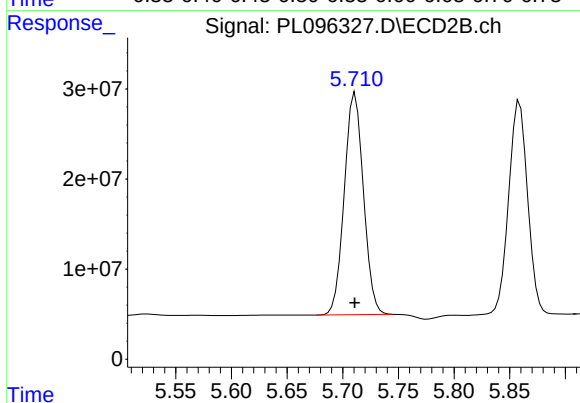
#13 Dieldrin

R.T.: 5.437 min
Delta R.T.: 0.001 min
Response: 345718771
Conc: 50.70 ng/ml



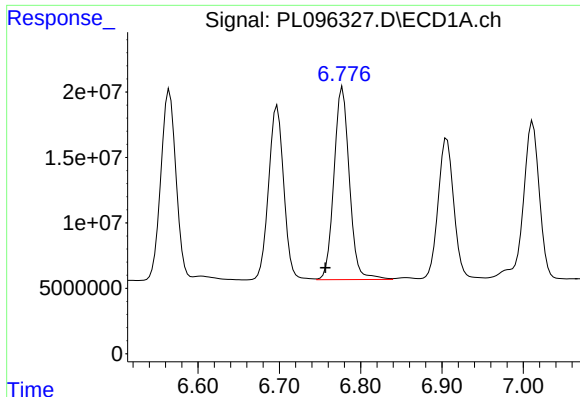
#14 Endrin

R.T.: 6.565 min
Delta R.T.: 0.020 min
Response: 188068020
Conc: 60.47 ng/ml



#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 295445488
Conc: 48.46 ng/ml



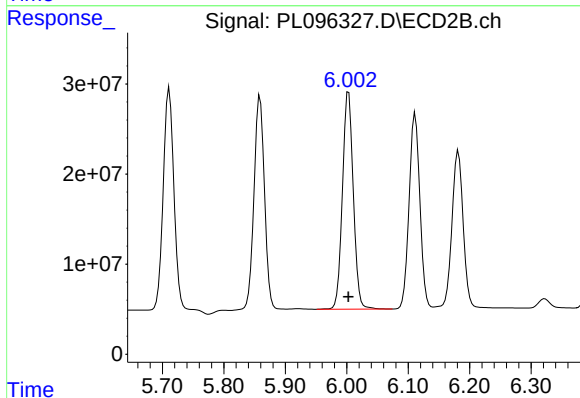
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: 0.021 min
Response: 194356287
Conc: 56.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

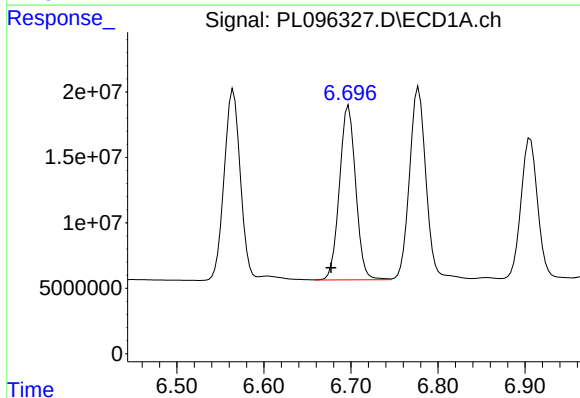
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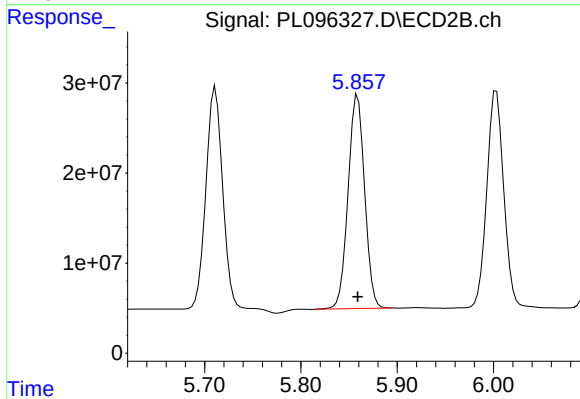
#15 Endosulfan II

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 296600171
Conc: 50.58 ng/ml



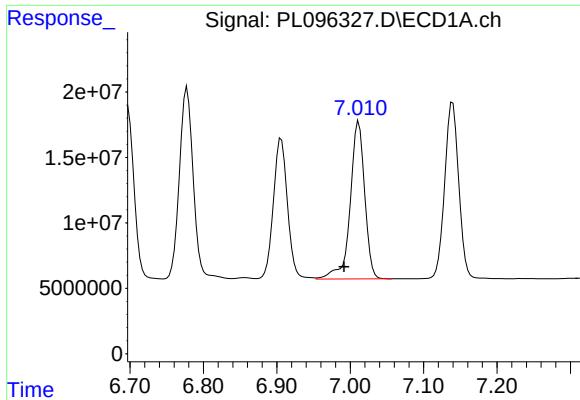
#16 4,4'-DDD

R.T.: 6.697 min
Delta R.T.: 0.020 min
Response: 172545412
Conc: 59.26 ng/ml



#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 281951983
Conc: 54.98 ng/ml



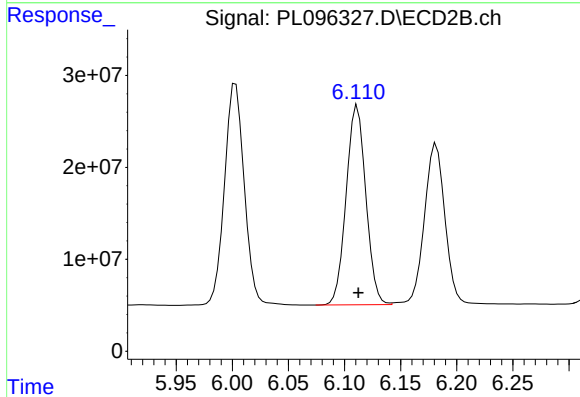
#17 4,4'-DDT

R.T.: 7.012 min
Delta R.T.: 0.020 min
Response: 165873772
Conc: 54.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

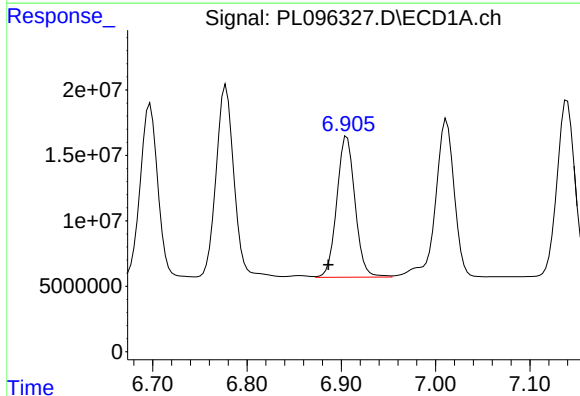
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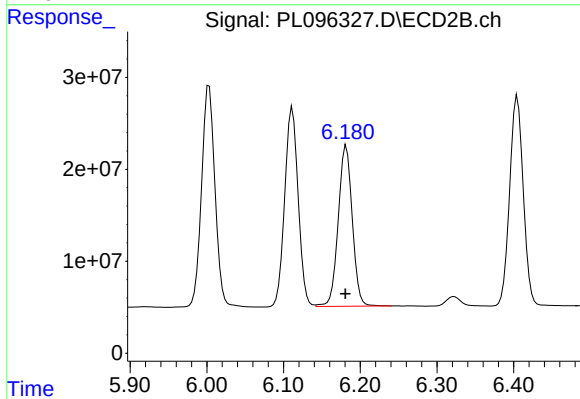
#17 4,4'-DDT

R.T.: 6.111 min
Delta R.T.: -0.001 min
Response: 264759662
Conc: 46.16 ng/ml



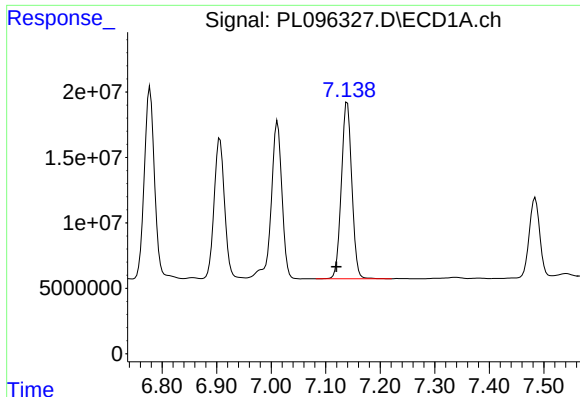
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: 0.020 min
Response: 144705878
Conc: 64.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 222666702
Conc: 49.99 ng/ml



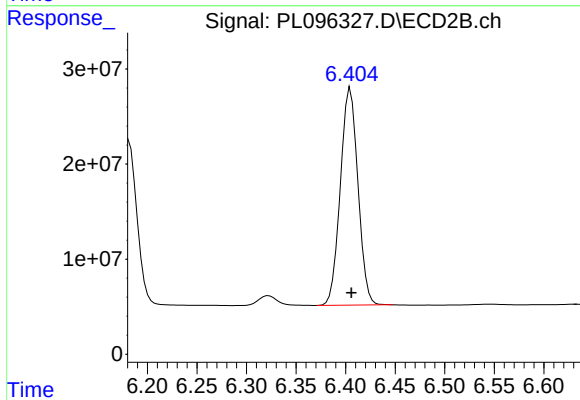
#19 Endosulfan Sulfate

R.T.: 7.140 min
Delta R.T.: 0.020 min
Response: 179727826
Conc: 58.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

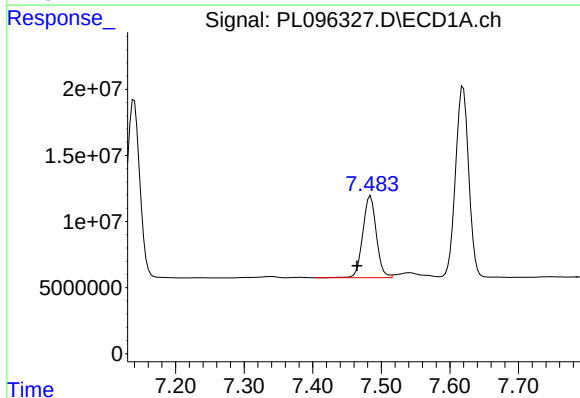
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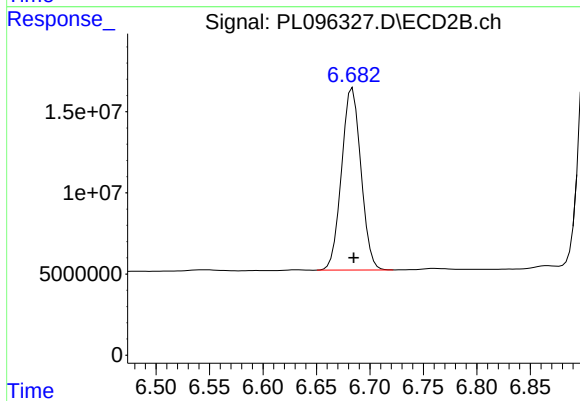
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 282239579
Conc: 50.18 ng/ml



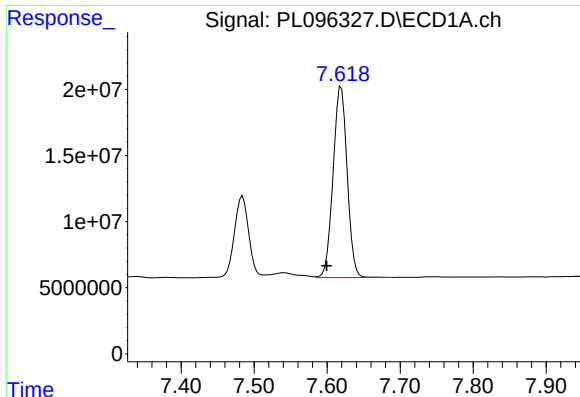
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: 0.020 min
Response: 84716530
Conc: 53.77 ng/ml



#20 Methoxychlor

R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 141613043
Conc: 46.62 ng/ml



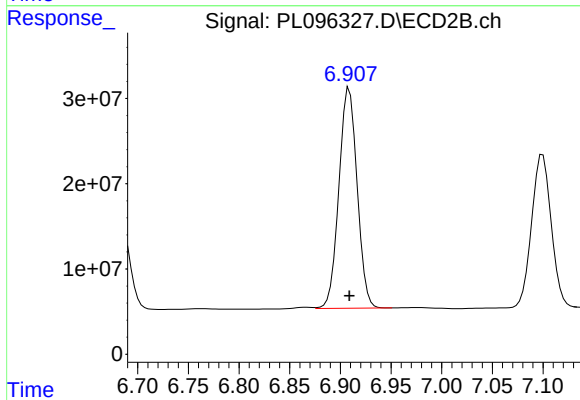
#21 Endrin ketone

R.T.: 7.619 min
Delta R.T.: 0.020 min
Response: 193639311
Conc: 58.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

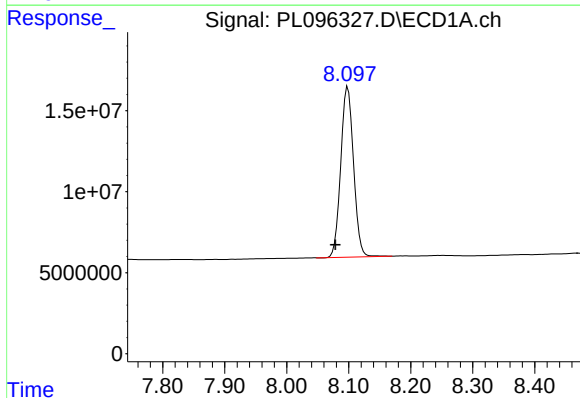
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



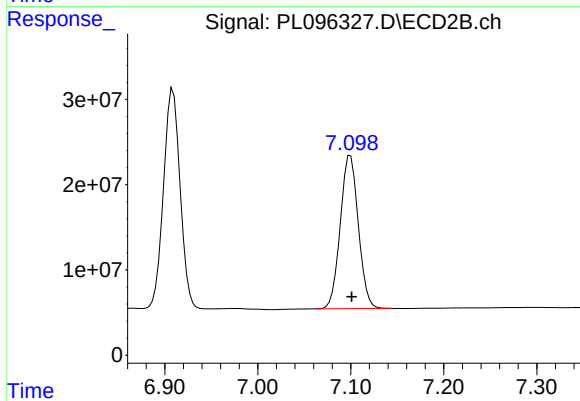
#21 Endrin ketone

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 323397529
Conc: 51.73 ng/ml



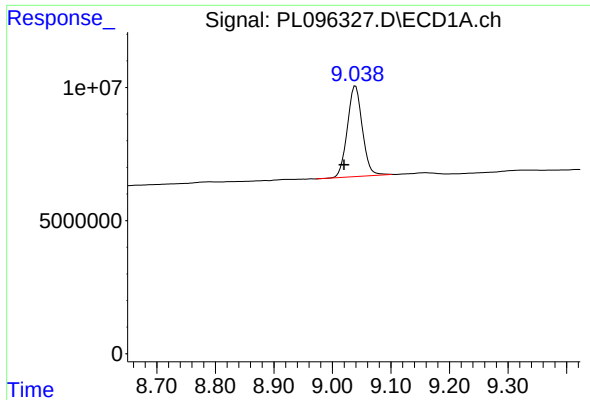
#22 Mirex

R.T.: 8.099 min
Delta R.T.: 0.020 min
Response: 150826948
Conc: 54.21 ng/ml



#22 Mirex

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 242482453
Conc: 48.81 ng/ml



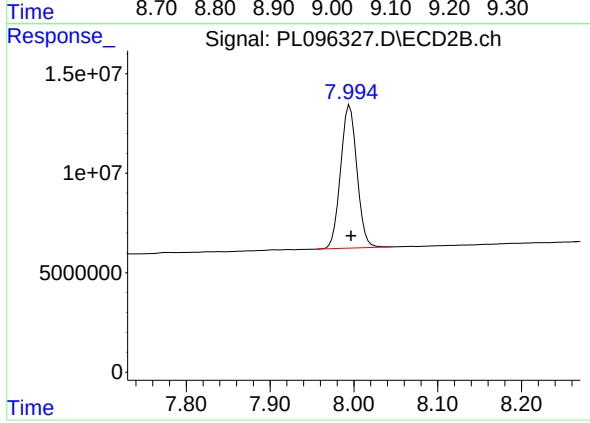
#28 Decachlorobiphenyl

R.T.: 9.040 min
Delta R.T.: 0.020 min
Response: 60530287
Conc: 21.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/15/2025



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 97705674
Conc: 19.59 ng/ml