

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
 Data File : PL096890.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 14:12
 Operator : AR\AJ
 Sample : Q2888-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-210MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:37:16 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...	3.529	2.826	66069034	98991569	20.771m	20.719
2)	SA Decachlor...	9.004	7.984	65082646	104.5E6	27.292m	24.081m
Target Compounds							
2)	A alpha-BHC	3.978	3.331	232.6E6	366.2E6	50.278	51.744
3)	MA gamma-BHC...	4.304	3.663	227.1E6	337.4E6	51.337m	51.096
4)	MA Heptachlor	4.896	4.011	231.2E6	334.1E6	55.623	50.148
5)	MB Aldrin	5.236	4.294	233.1E6	308.5E6	54.186	49.697
6)	B beta-BHC	4.493	3.959	80559571	146.2E6	44.632	51.821
7)	B delta-BHC	4.738	4.192	176.5E6	276.6E6	44.240	42.733
8)	B Heptachlo...	5.654	4.795	198.4E6	272.2E6	51.456m	47.664
9)	A Endosulfan I	6.036	5.168	196.2E6	268.6E6	54.545	48.560
10)	B gamma-Chl...	5.907	5.046	206.7E6	304.4E6	54.313m	51.763m
11)	B alpha-Chl...	5.987	5.111	213.6E6	326.8E6	55.403m	55.402
12)	B 4,4'-DDE	6.160	5.300	175.6E6	324.1E6	54.674	58.776
13)	MA Dieldrin	6.309	5.431	177.4E6	309.9E6	47.799	52.462
14)	MA Endrin	6.533	5.705	143.9E6	273.1E6	47.545m	50.519
15)	B Endosulfa...	6.748	5.997	146.7E6	255.2E6	45.810	49.681
16)	A 4,4'-DDD	6.668	5.852	139.5E6	196.9E6	55.179	41.845
17)	MA 4,4'-DDT	6.982	6.105	189.7E6	305.9E6	66.149	60.470
18)	B Endrin al...	6.877	6.175	109.6E6	177.9E6	51.065	48.931
19)	B Endosulfa...	7.110	6.398	133.4E6	211.5E6	46.434	41.590
20)	A Methoxychlor	7.453	6.676	80058779	109.1E6	54.523m	39.801 #
21)	B Endrin ke...	7.588	6.902	138.3E6	226.7E6	45.983m	40.708
22)	Mirex	8.066	7.092	114.4E6	170.0E6	46.140m	38.988

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

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Data File : PL096890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:12
Operator : AR\AJ
Sample : Q2888-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

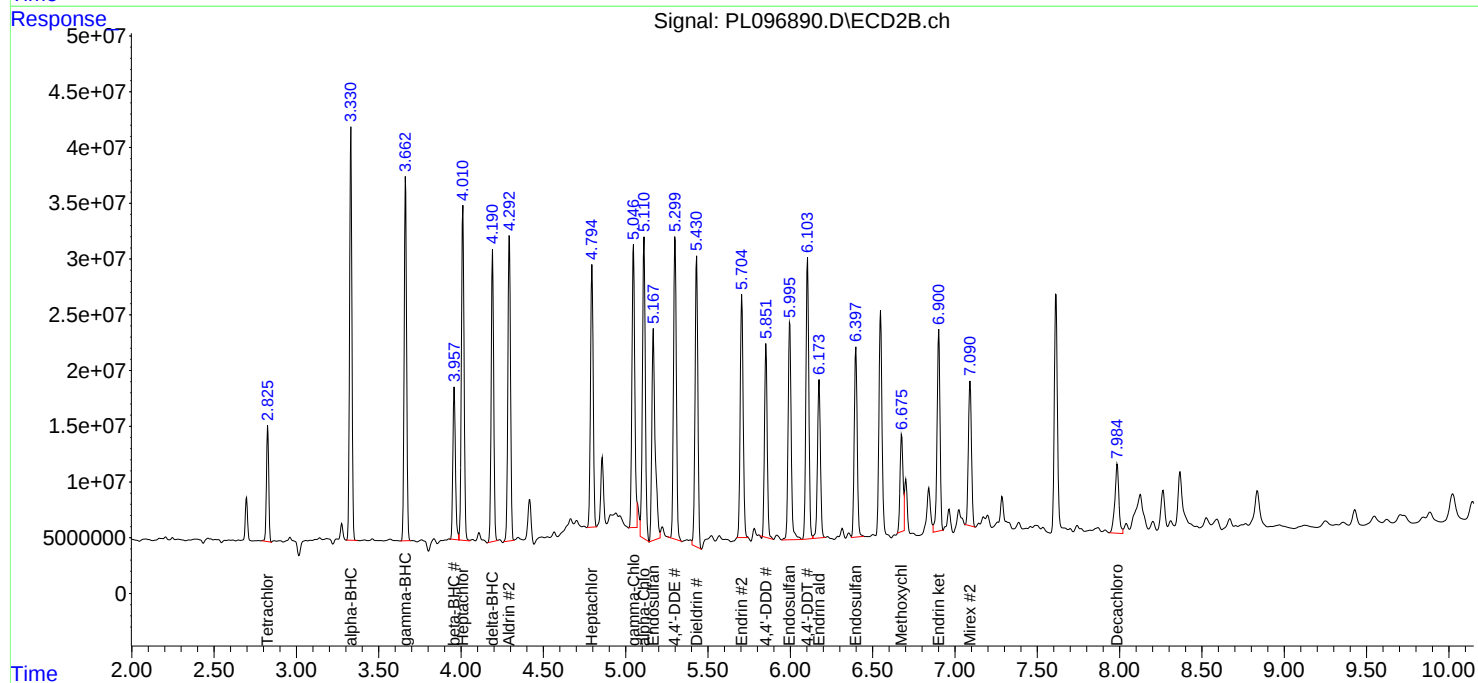
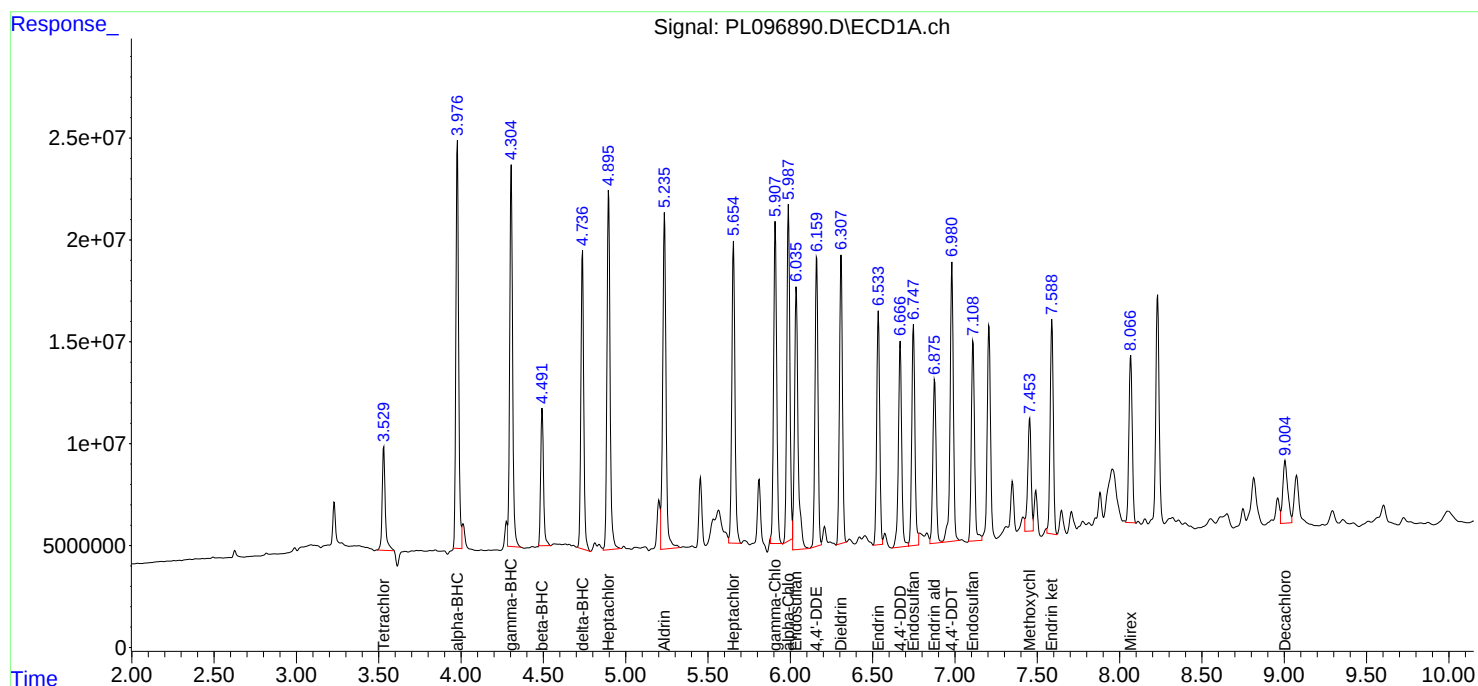
Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

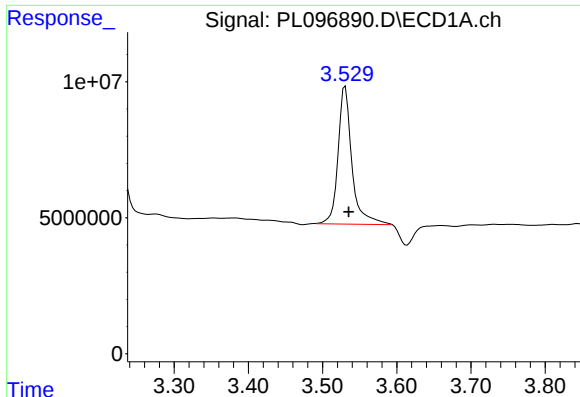
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:37:16 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





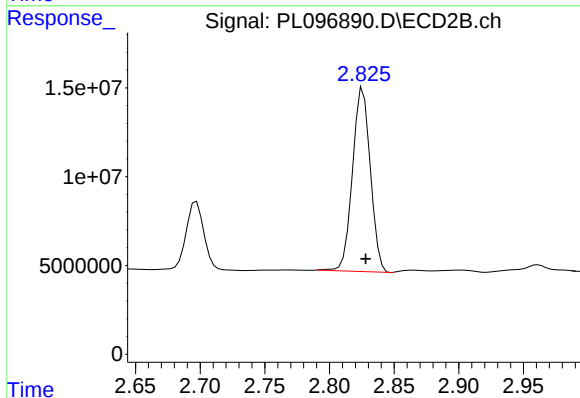
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.006 min
Response: 66069034
Conc: 20.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

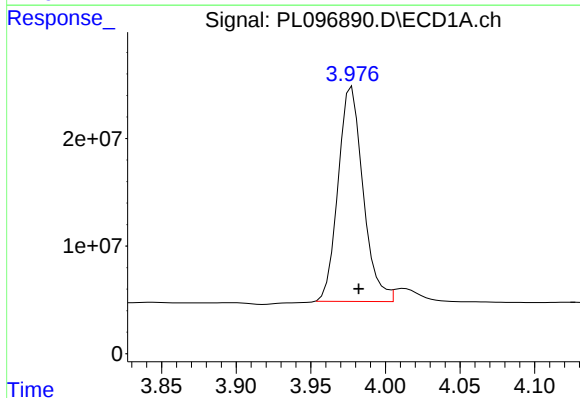
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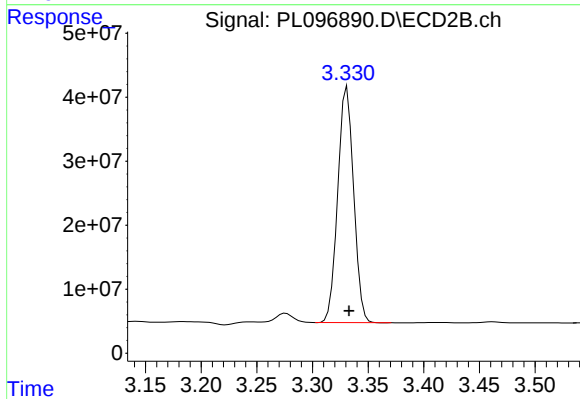
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 98991569
Conc: 20.72 ng/ml



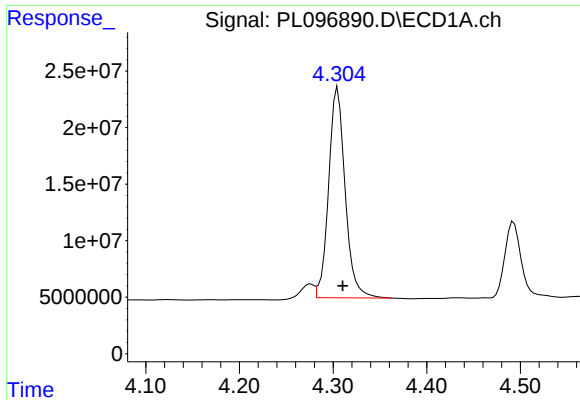
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.005 min
Response: 232604765
Conc: 50.28 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 366196678
Conc: 51.74 ng/ml



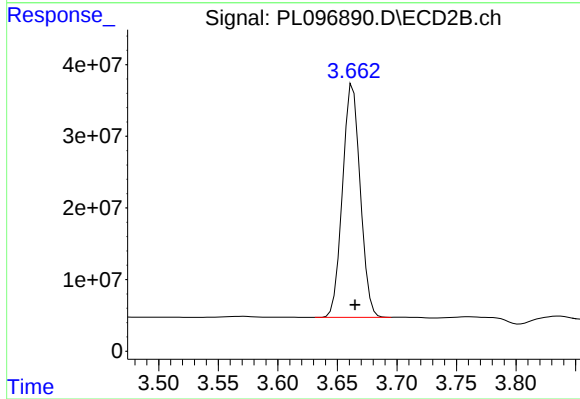
#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: -0.007 min
Response: 227086237
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

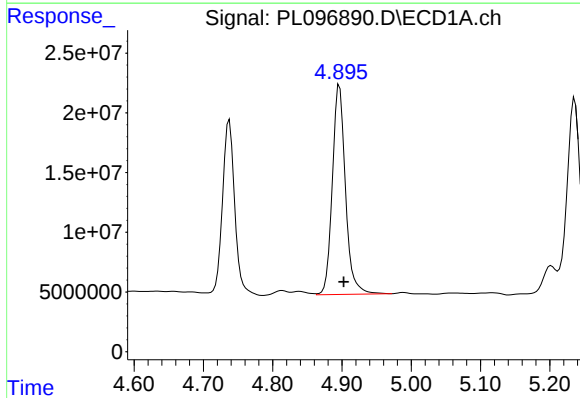
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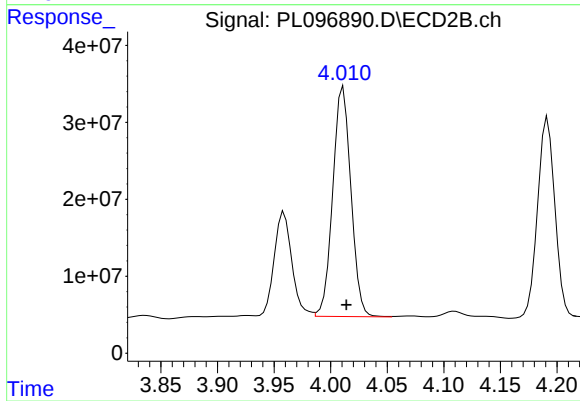
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 337408120
Conc: 51.10 ng/ml



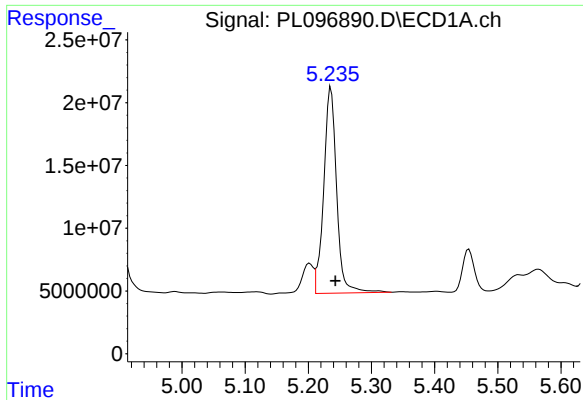
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: -0.006 min
Response: 231151905
Conc: 55.62 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 334082448
Conc: 50.15 ng/ml



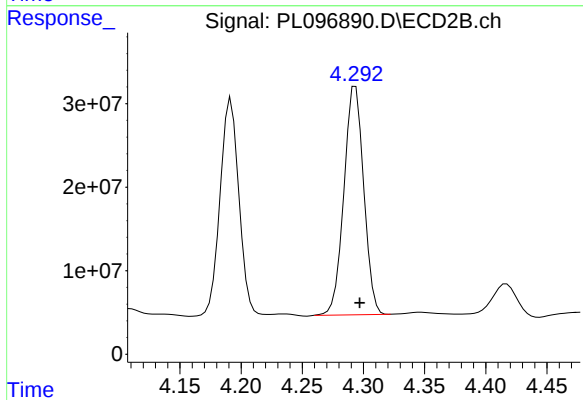
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: -0.007 min
Response: 233053082
Conc: 54.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

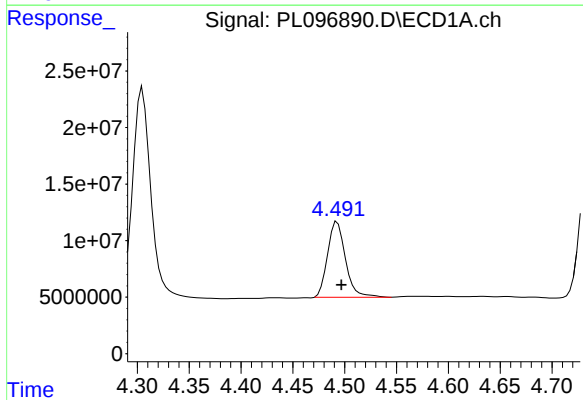
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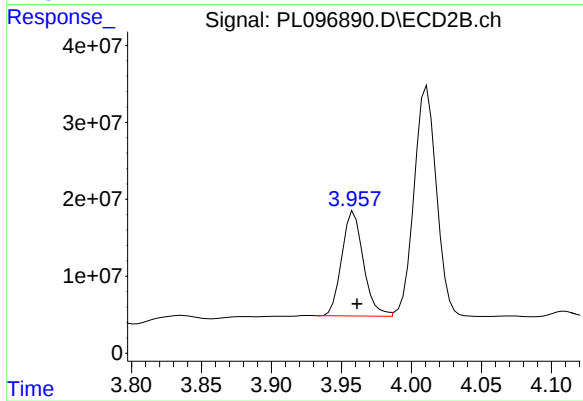
#5 Aldrin

R.T.: 4.294 min
Delta R.T.: -0.003 min
Response: 308474203
Conc: 49.70 ng/ml



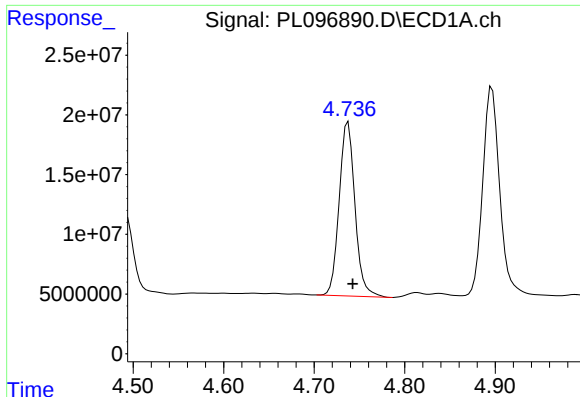
#6 beta-BHC

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 80559571
Conc: 44.63 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 146181548
Conc: 51.82 ng/ml



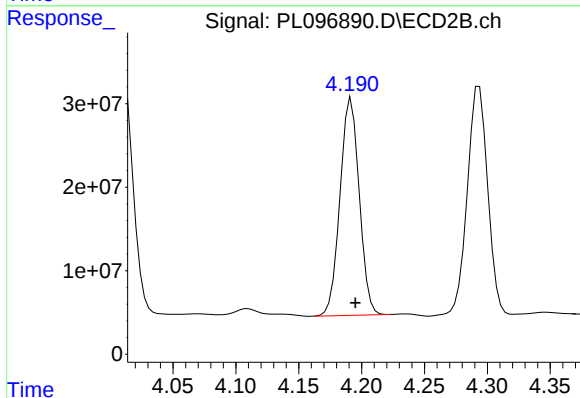
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 176512356
Conc: 44.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

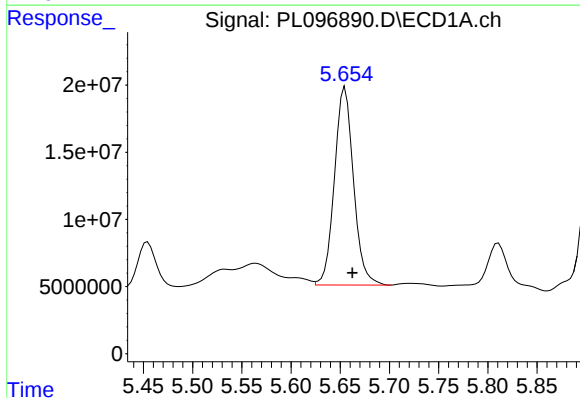
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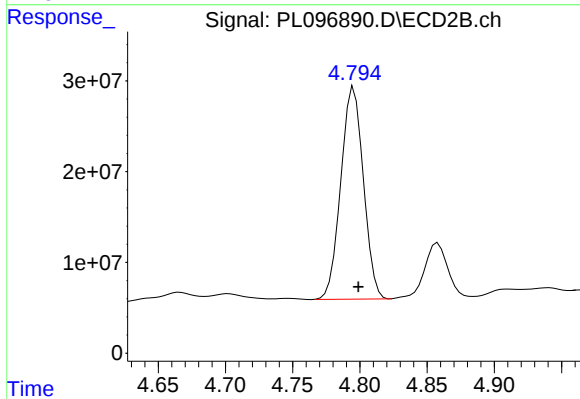
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: -0.003 min
Response: 276637976
Conc: 42.73 ng/ml



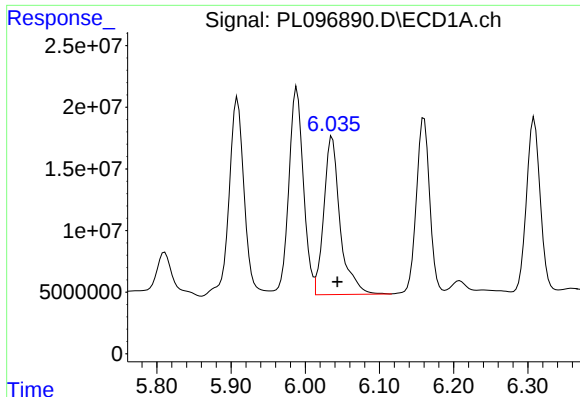
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: -0.009 min
Response: 198441179
Conc: 51.46 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 272222641
Conc: 47.66 ng/ml



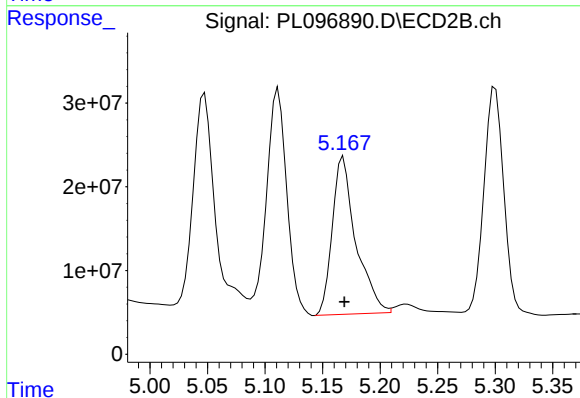
#9 Endosulfan I

R.T.: 6.036 min
Delta R.T.: -0.007 min
Response: 196163177
Conc: 54.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

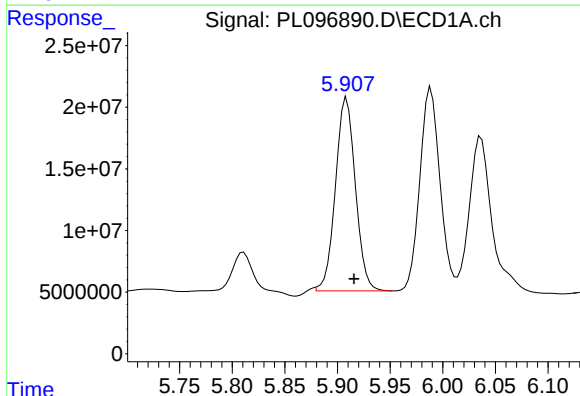
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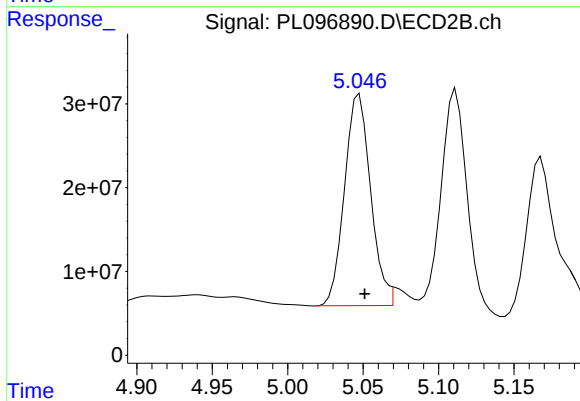
#9 Endosulfan I

R.T.: 5.168 min
Delta R.T.: -0.001 min
Response: 268605688
Conc: 48.56 ng/ml



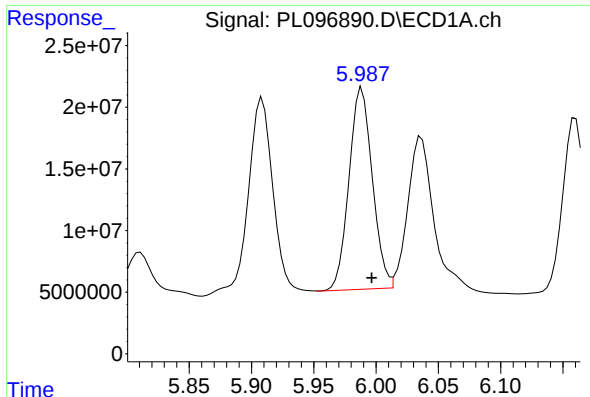
#10 gamma-Chlordane

R.T.: 5.907 min
Delta R.T.: -0.009 min
Response: 206674786
Conc: 54.31 ng/ml m



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 304372391
Conc: 51.76 ng/ml m



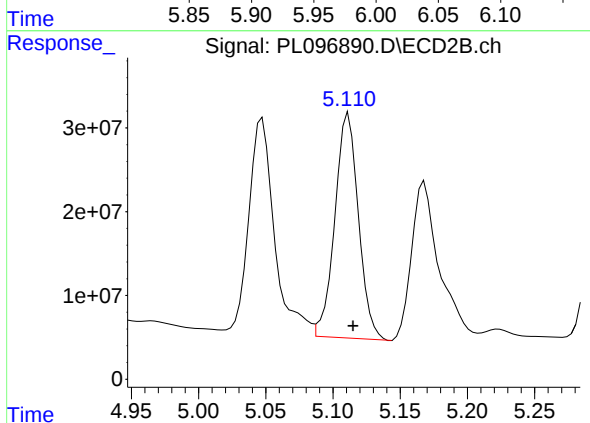
#11 alpha-Chlordane

R.T.: 5.987 min
Delta R.T.: -0.009 min
Response: 213559028
Conc: 55.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

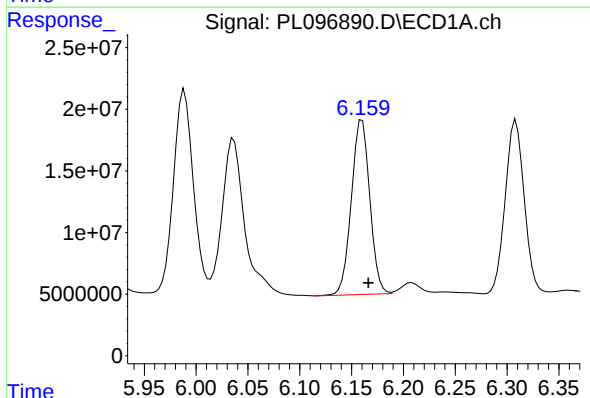
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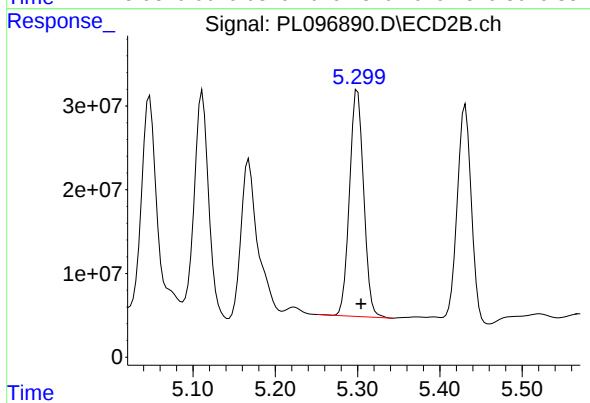
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 326814012
Conc: 55.40 ng/ml



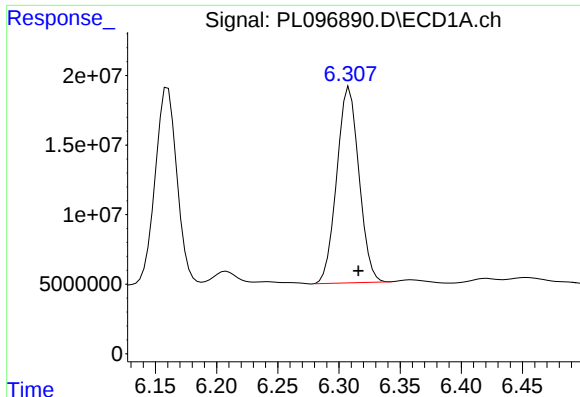
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: -0.006 min
Response: 175572777
Conc: 54.67 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 324115729
Conc: 58.78 ng/ml



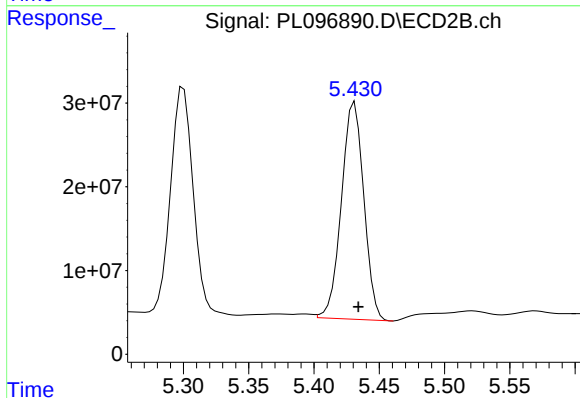
#13 Dieldrin

R.T.: 6.309 min
Delta R.T.: -0.007 min
Response: 177391013
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

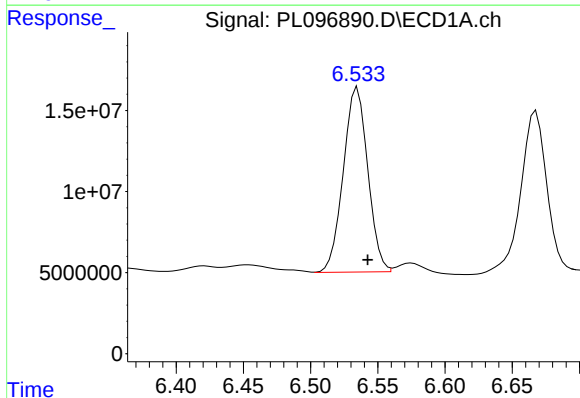
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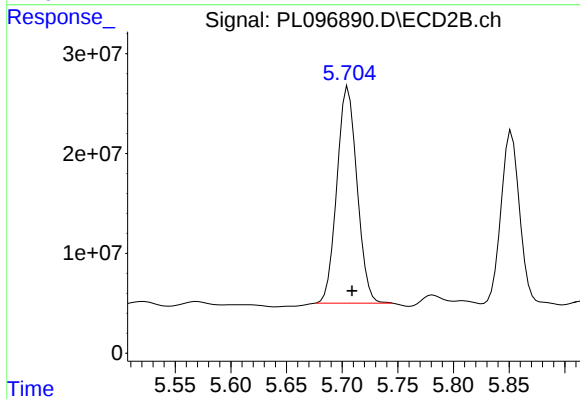
#13 Dieldrin

R.T.: 5.431 min
Delta R.T.: -0.003 min
Response: 309871944
Conc: 52.46 ng/ml



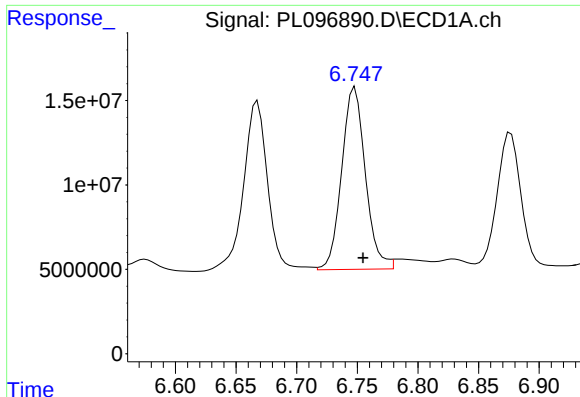
#14 Endrin

R.T.: 6.533 min
Delta R.T.: -0.009 min
Response: 143908748
Conc: 47.55 ng/ml m



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 273101375
Conc: 50.52 ng/ml



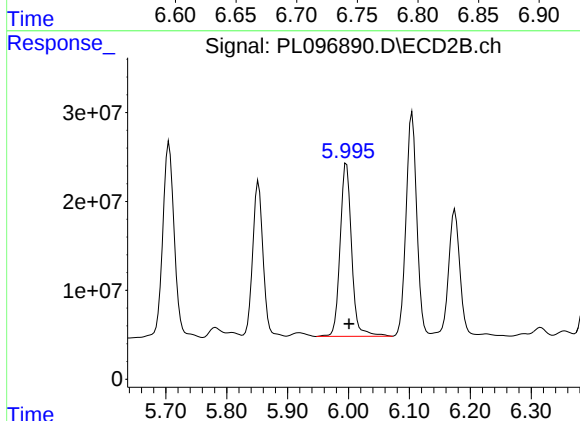
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: -0.007 min
Response: 146714709
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

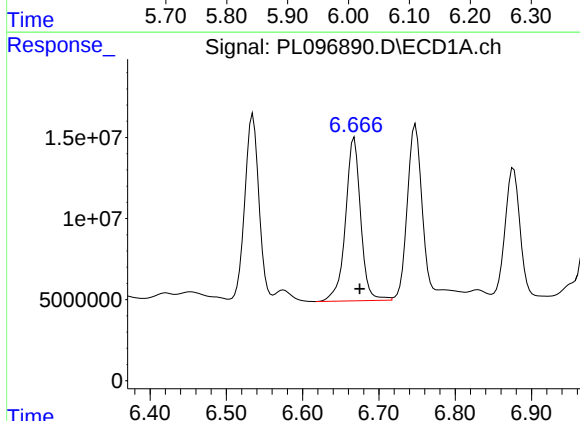
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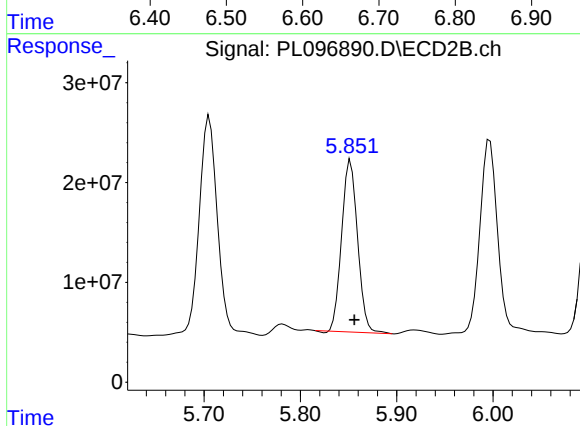
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 255174275
Conc: 49.68 ng/ml



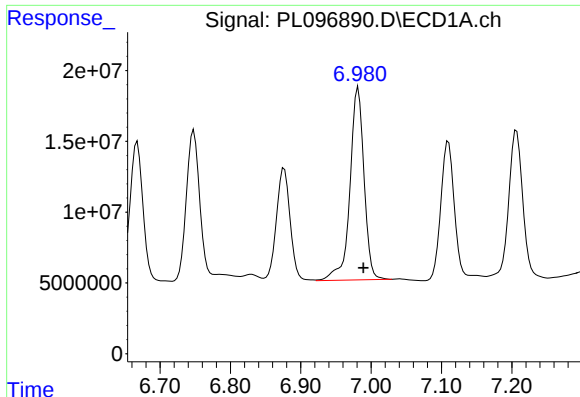
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: -0.007 min
Response: 139512593
Conc: 55.18 ng/ml



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 196894751
Conc: 41.85 ng/ml



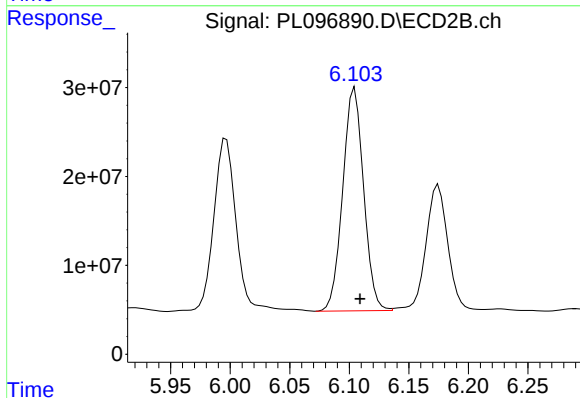
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.008 min
Response: 189693920
Conc: 66.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

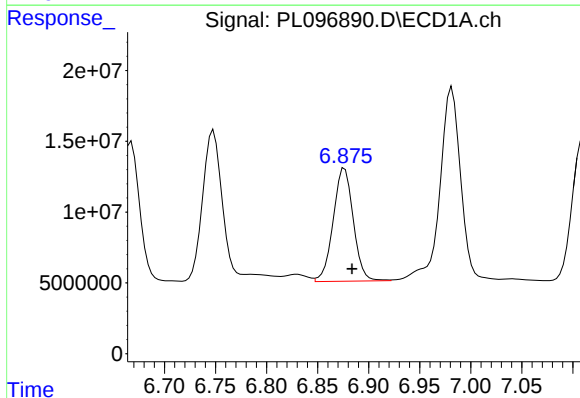
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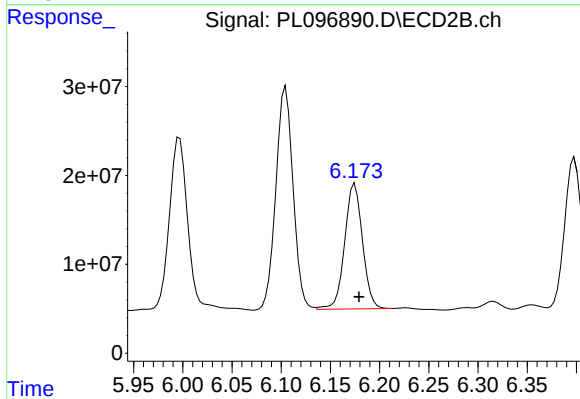
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 305877142
Conc: 60.47 ng/ml



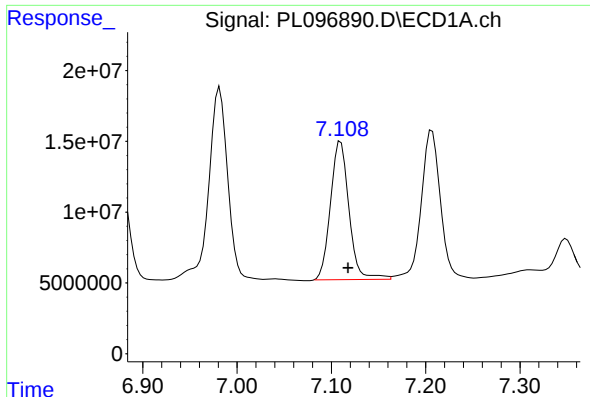
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: -0.007 min
Response: 109581707
Conc: 51.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 177866037
Conc: 48.93 ng/ml



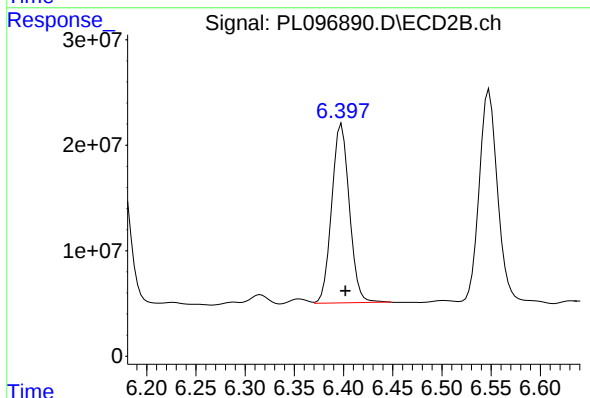
#19 Endosulfan Sulfate

R.T.: 7.110 min
Delta R.T.: -0.008 min
Response: 133438319
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

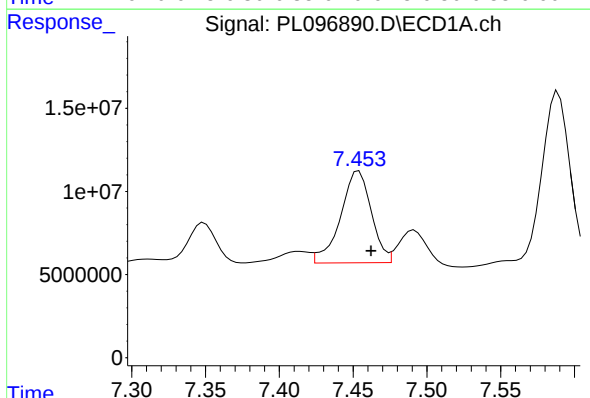
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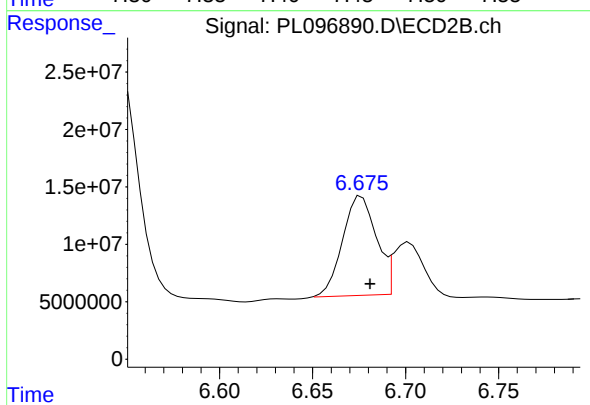
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 211535405
Conc: 41.59 ng/ml



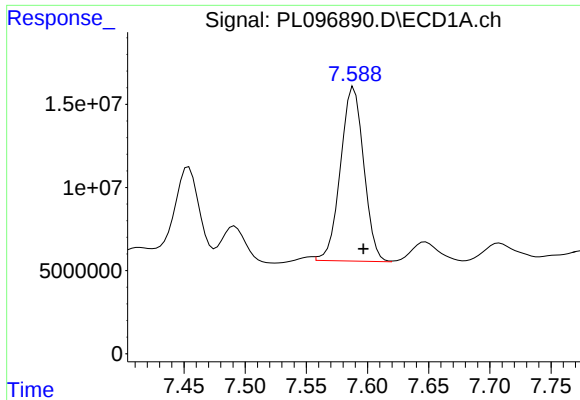
#20 Methoxychlor

R.T.: 7.453 min
Delta R.T.: -0.010 min
Response: 80058779
Conc: 54.52 ng/ml m



#20 Methoxychlor

R.T.: 6.676 min
Delta R.T.: -0.005 min
Response: 109075666
Conc: 39.80 ng/ml



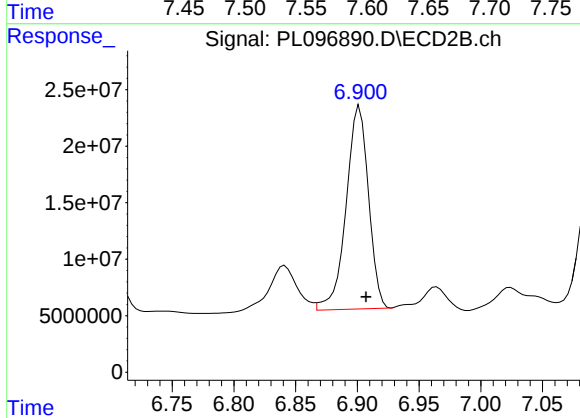
#21 Endrin ketone

R.T.: 7.588 min
Delta R.T.: -0.009 min
Response: 138257723
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

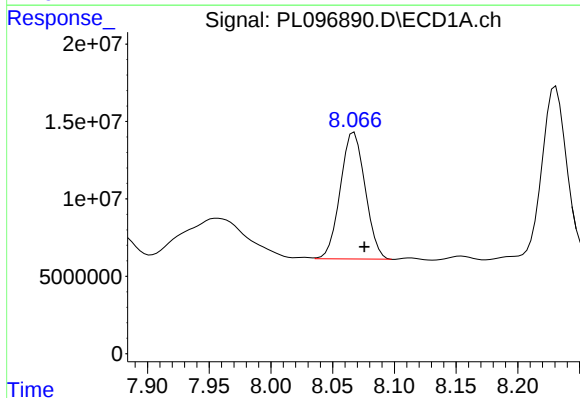
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



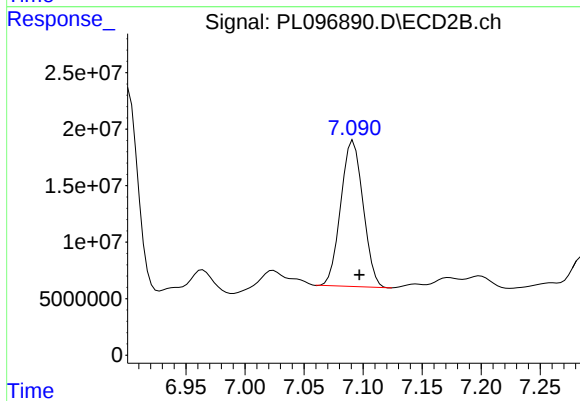
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: -0.005 min
Response: 226733972
Conc: 40.71 ng/ml



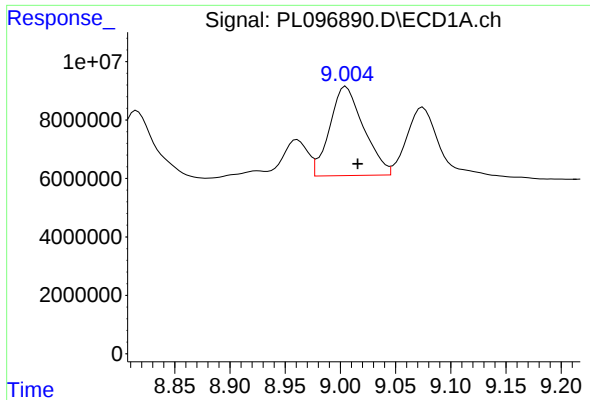
#22 Mirex

R.T.: 8.066 min
Delta R.T.: -0.010 min
Response: 114397063
Conc: 46.14 ng/ml m



#22 Mirex

R.T.: 7.092 min
Delta R.T.: -0.005 min
Response: 170019709
Conc: 38.99 ng/ml



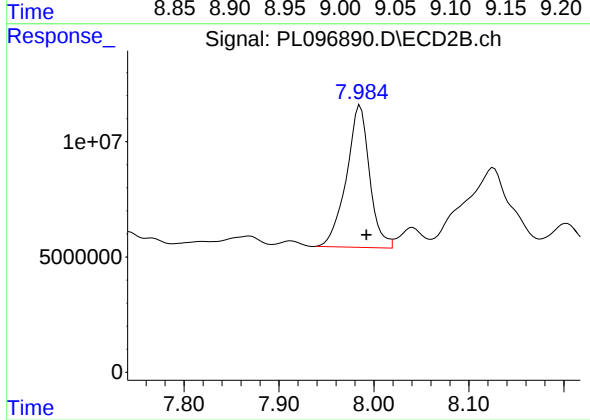
#28 Decachlorobiphenyl

R.T.: 9.004 min
Delta R.T.: -0.012 min
Response: 65082646
Conc: 27.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: -0.008 min
Response: 104470765
Conc: 24.08 ng/ml m