

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
 Data File : PL096891.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 14:26
 Operator : AR\AJ
 Sample : Q2888-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-210MSD

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 01:37:26 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	67163858	100.5E6	21.116m	21.026
28)	SA Decachlor...	9.003	7.984	55945594	101.5E6	23.461m	23.401m
Target Compounds							
2)	A alpha-BHC	3.977	3.331	239.2E6	372.7E6	51.714	52.657
3)	MA gamma-BHC...	4.304	3.663	232.6E6	343.5E6	52.577m	52.014
4)	MA Heptachlor	4.896	4.011	240.6E6	341.1E6	57.896	51.205
5)	MB Aldrin	5.236	4.293	241.4E6	315.2E6	56.132	50.778
6)	B beta-BHC	4.493	3.959	82985406	149.6E6	45.976	53.032
7)	B delta-BHC	4.737	4.192	182.9E6	282.9E6	45.829	43.705
8)	B Heptachlo...	5.654	4.795	205.9E6	278.0E6	53.385m	48.678
9)	A Endosulfan I	6.036	5.167	207.9E6	274.2E6	57.801	49.564
10)	B gamma-Chl...	5.907	5.046	217.0E6	319.9E6	57.015m	54.404m
11)	B alpha-Chl...	5.988	5.111	225.7E6	335.0E6	58.552m	56.783
12)	B 4,4'-DDE	6.160	5.300	178.5E6	336.2E6	55.581	60.960
13)	MA Dieldrin	6.308	5.430	186.0E6	323.1E6	50.113	54.707
14)	MA Endrin	6.533	5.705	150.7E6	282.6E6	49.794m	52.282
15)	B Endosulfa...	6.747	5.997	146.4E6	265.2E6	45.719m	51.629
16)	A 4,4'-DDD	6.668	5.852	148.3E6	203.4E6	58.672	43.219 #
17)	MA 4,4'-DDT	6.982	6.104	196.4E6	316.9E6	68.503	62.658
18)	B Endrin al...	6.876	6.175	110.6E6	176.7E6	51.517	48.596
19)	B Endosulfa...	7.109	6.398	136.7E6	214.7E6	47.568	42.219
20)	A Methoxychlor	7.453	6.675	88621839	112.8E6	60.355m	41.146m#
21)	B Endrin ke...	7.588	6.902	142.3E6	236.5E6	47.339m	42.460
22)	Mirex	8.067	7.092	113.3E6	177.2E6	45.689	40.640

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

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Data File : PL096891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:26
Operator : AR\AJ
Sample : Q2888-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

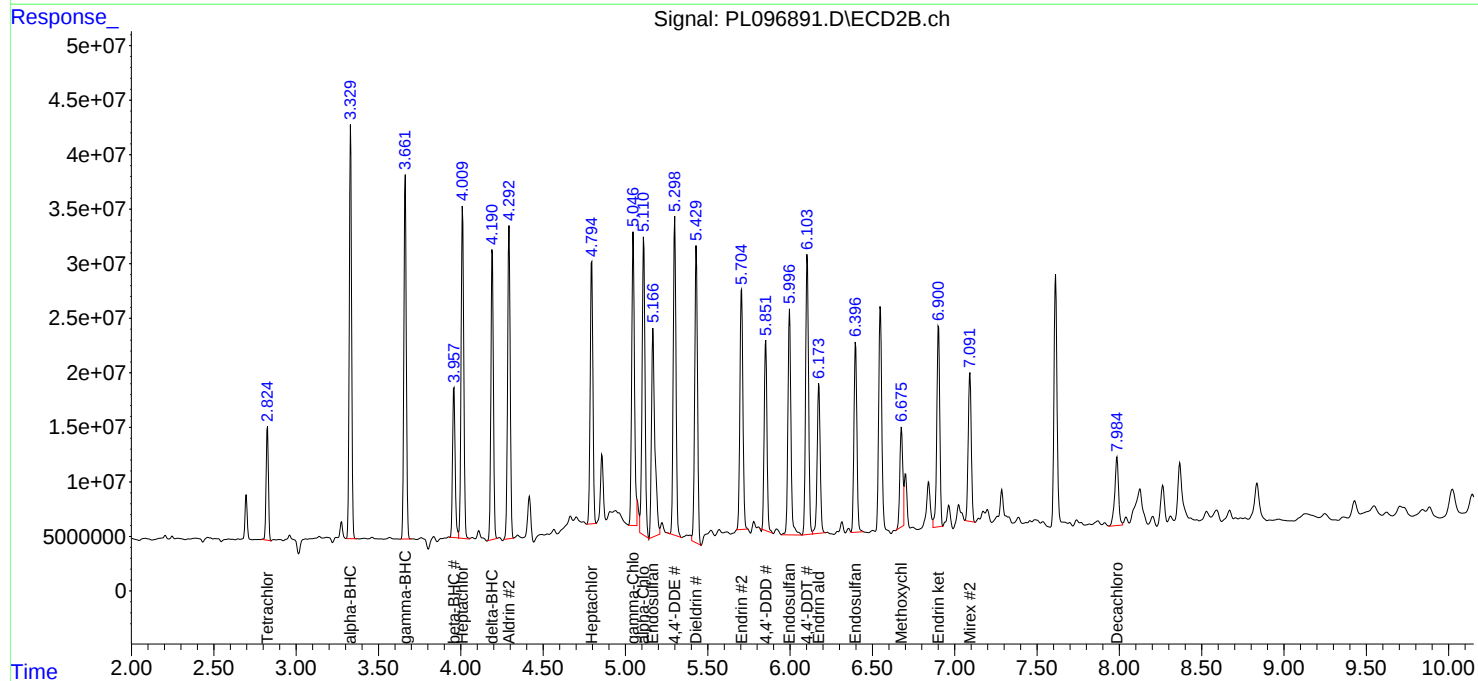
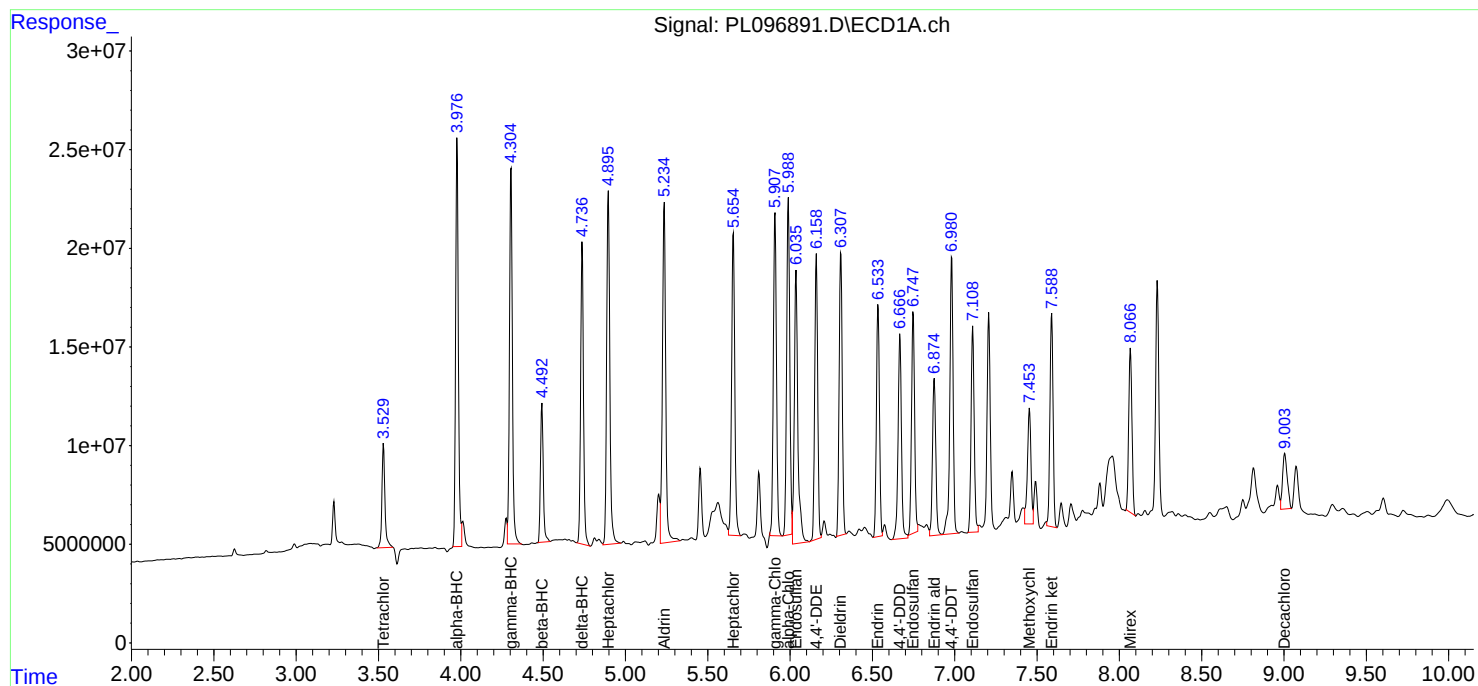
Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

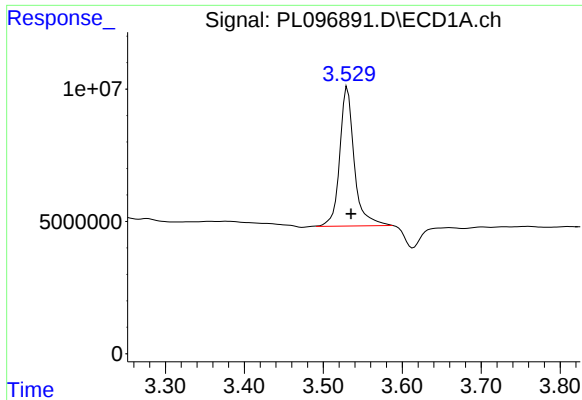
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:37:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 2025
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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





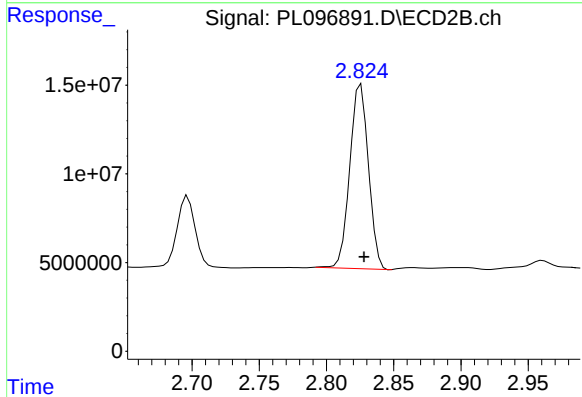
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.006 min
Response: 67163858
Conc: 21.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

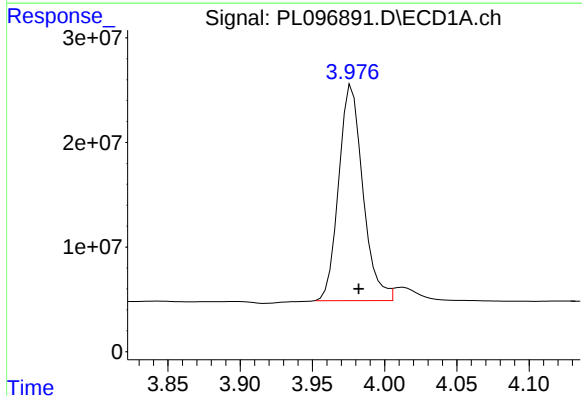
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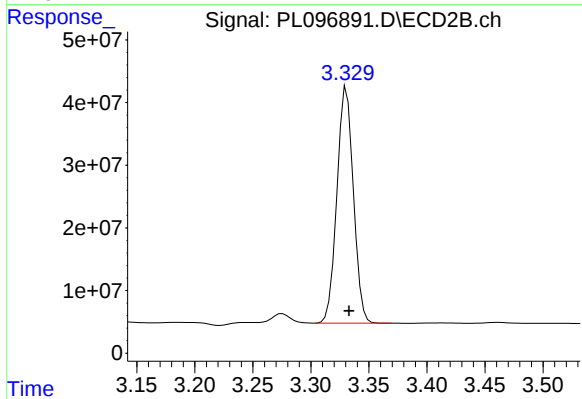
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 100455077
Conc: 21.03 ng/ml



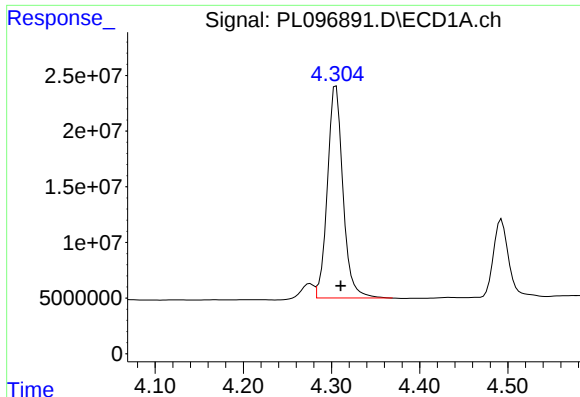
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: -0.005 min
Response: 239249165
Conc: 51.71 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 372658898
Conc: 52.66 ng/ml



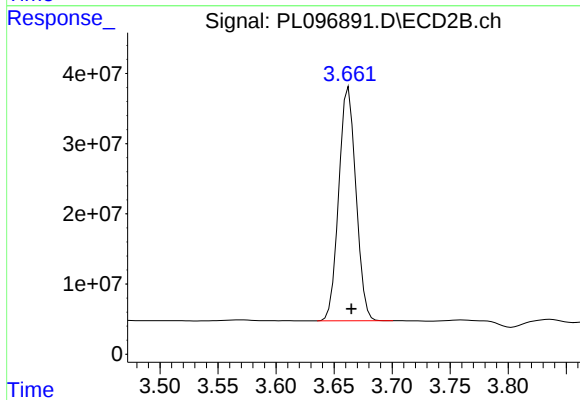
#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 232570984
Conc: 52.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

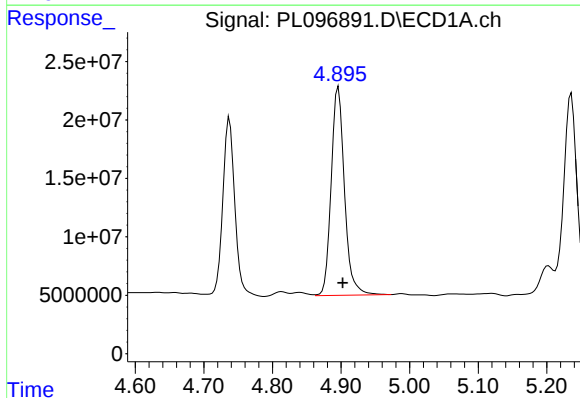
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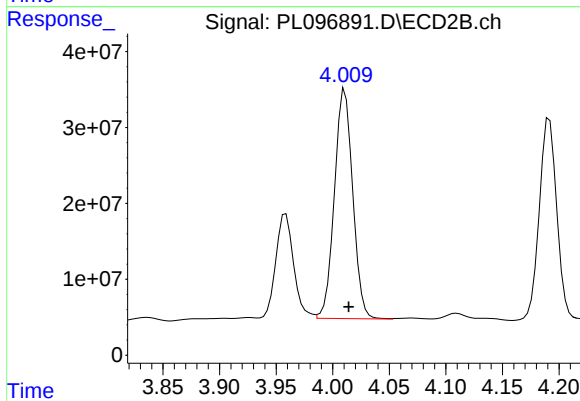
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 343464907
Conc: 52.01 ng/ml



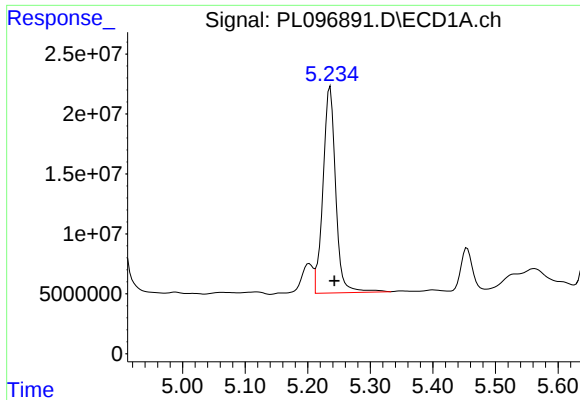
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 240596960
Conc: 57.90 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 341125856
Conc: 51.21 ng/ml



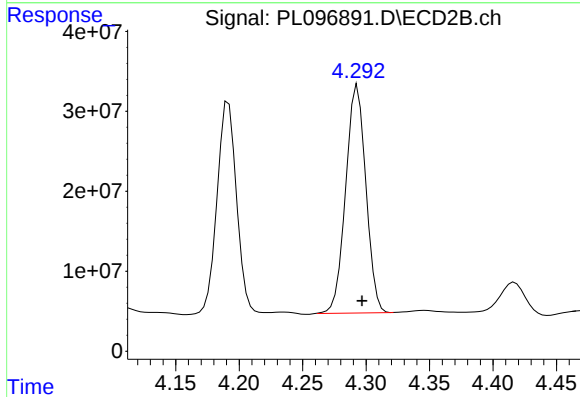
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: -0.007 min
Response: 241422672
Conc: 56.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

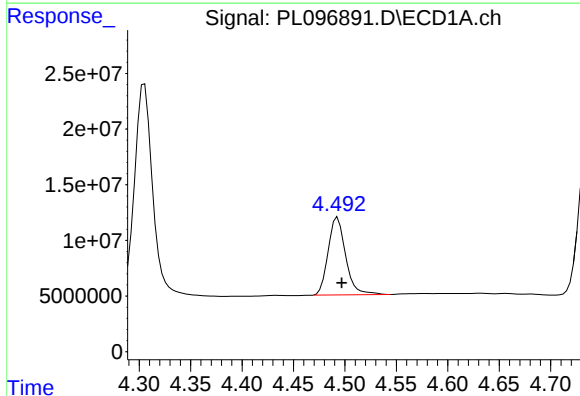
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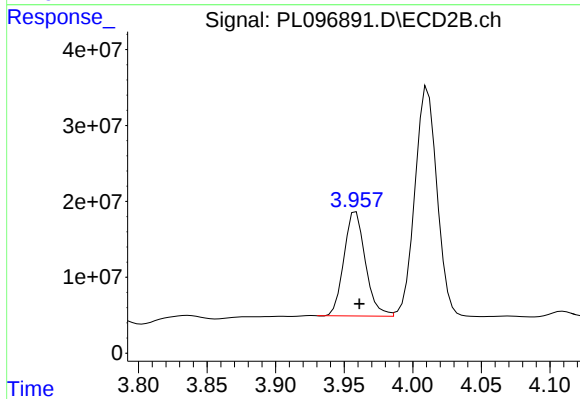
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 315182898
Conc: 50.78 ng/ml



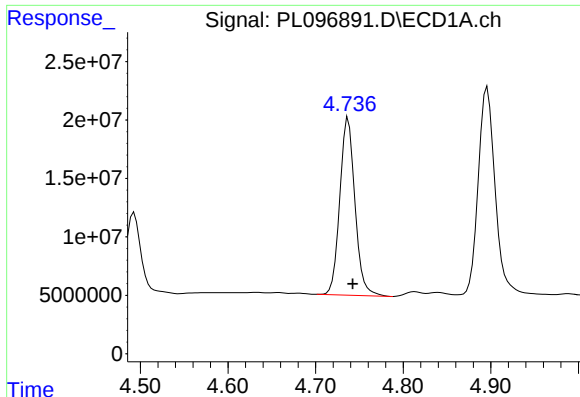
#6 beta-BHC

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 82985406
Conc: 45.98 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 149599194
Conc: 53.03 ng/ml



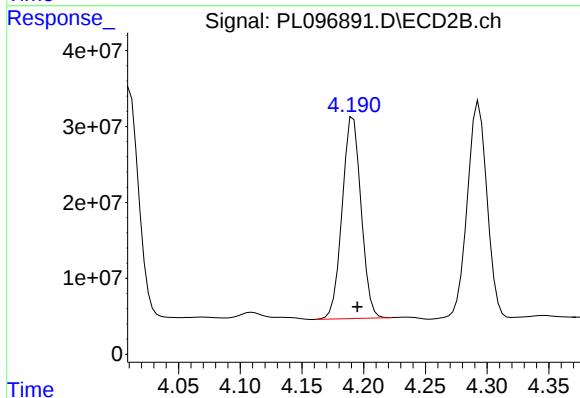
#7 delta-BHC

R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 182853086
Conc: 45.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

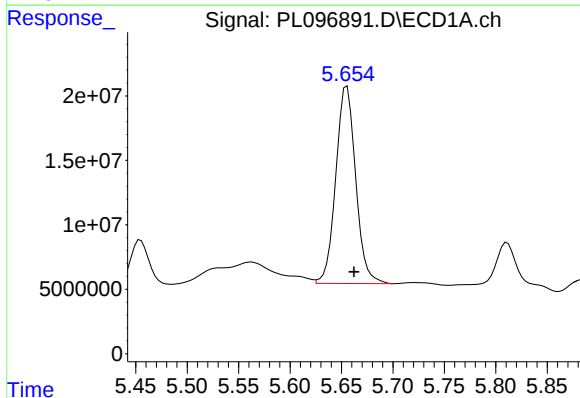
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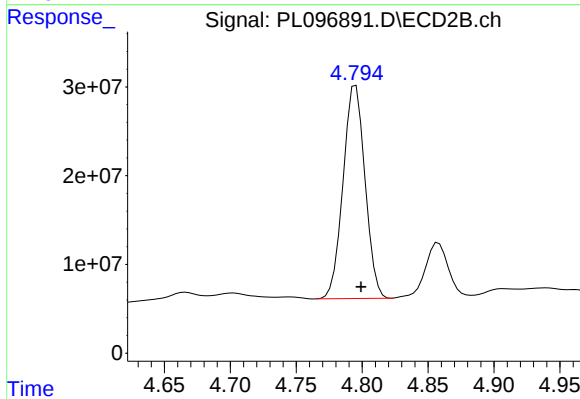
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: -0.003 min
Response: 282929191
Conc: 43.70 ng/ml



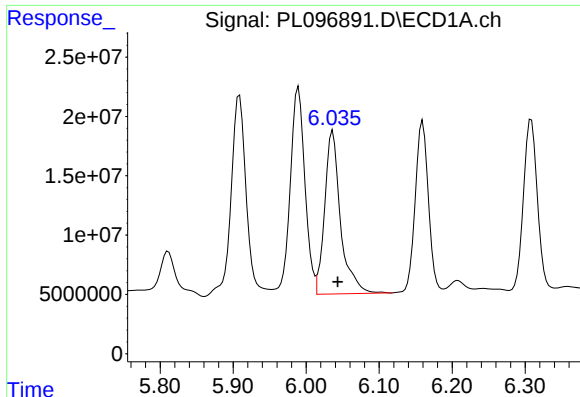
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: -0.008 min
Response: 205879986
Conc: 53.38 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 278018939
Conc: 48.68 ng/ml



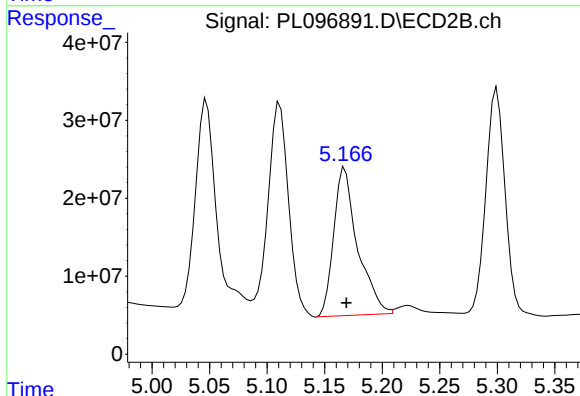
#9 Endosulfan I

R.T.: 6.036 min
Delta R.T.: -0.007 min
Response: 207872783
Conc: 57.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

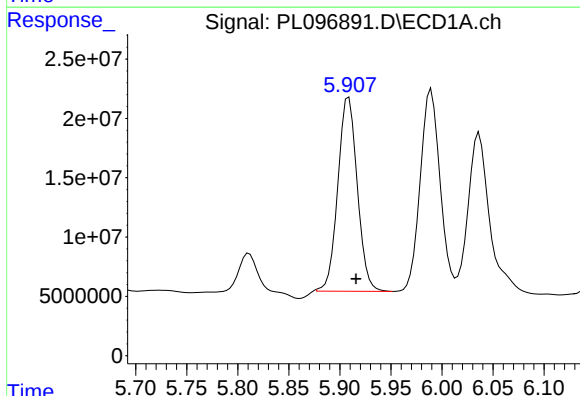
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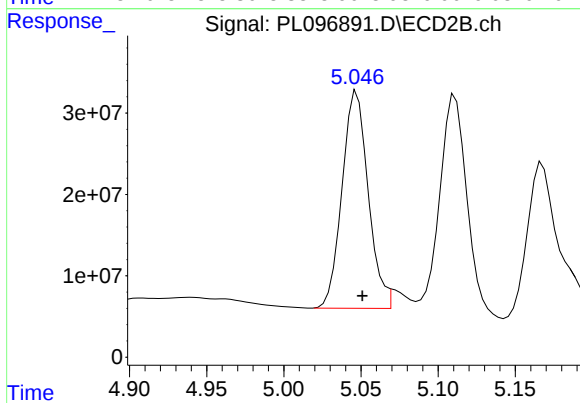
#9 Endosulfan I

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 274160923
Conc: 49.56 ng/ml



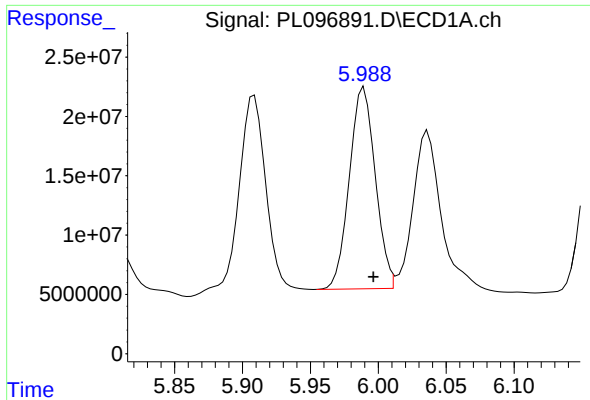
#10 gamma-Chlordane

R.T.: 5.907 min
Delta R.T.: -0.008 min
Response: 216954062
Conc: 57.01 ng/ml m



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 319901794
Conc: 54.40 ng/ml m



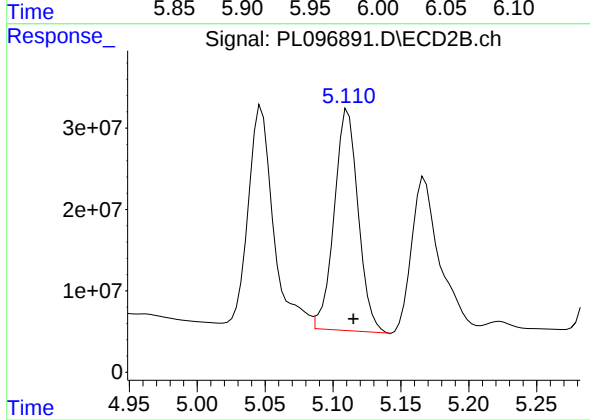
#11 alpha-Chlordane

R.T.: 5.988 min
Delta R.T.: -0.008 min
Response: 225697731
Conc: 58.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

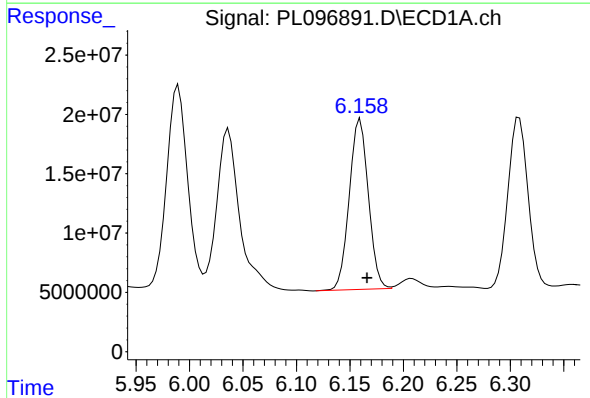
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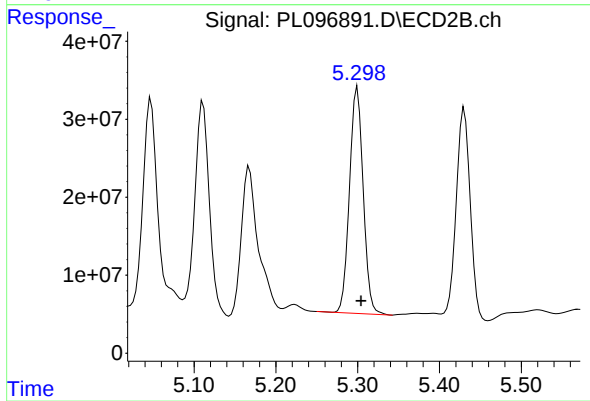
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 334957101
Conc: 56.78 ng/ml



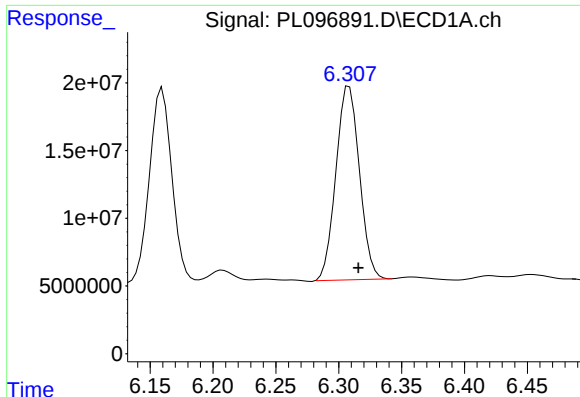
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: -0.006 min
Response: 178485322
Conc: 55.58 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 336159872
Conc: 60.96 ng/ml



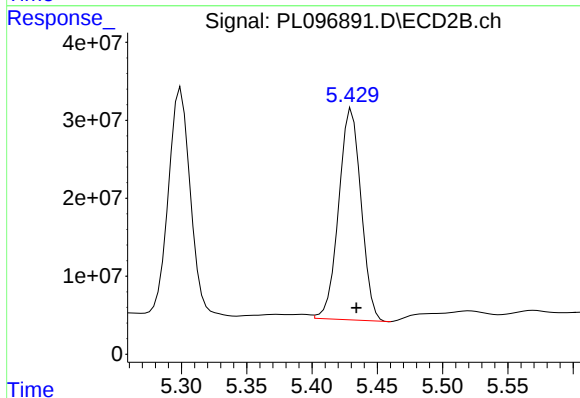
#13 Dieldrin

R.T.: 6.308 min
Delta R.T.: -0.007 min
Response: 185975760
Conc: 50.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

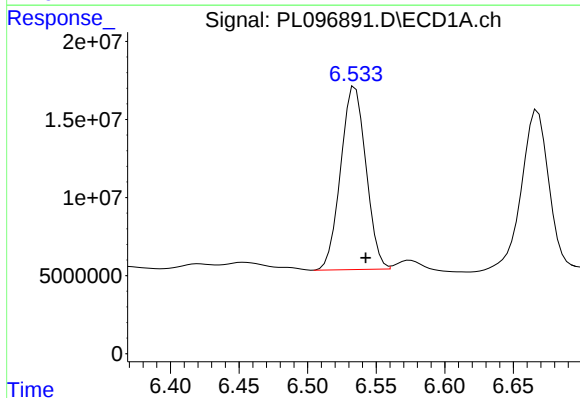
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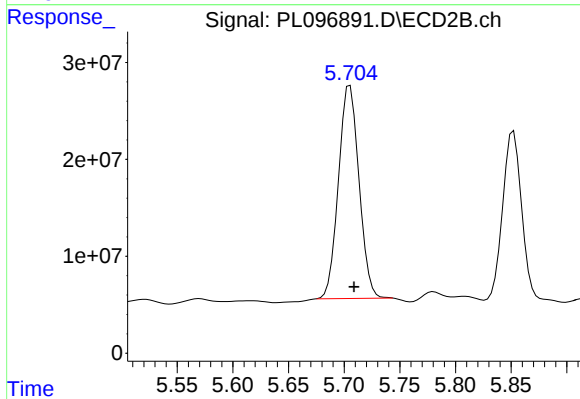
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 323130171
Conc: 54.71 ng/ml



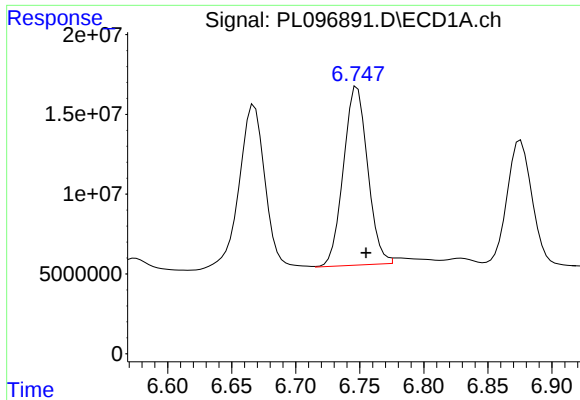
#14 Endrin

R.T.: 6.533 min
Delta R.T.: -0.009 min
Response: 150715417
Conc: 49.79 ng/ml m



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 282635739
Conc: 52.28 ng/ml



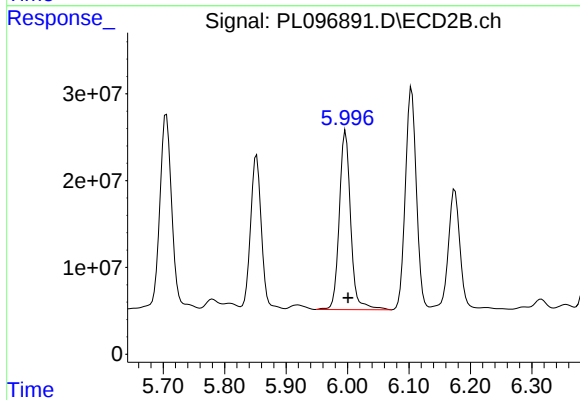
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: -0.008 min
Response: 146421201
Conc: 45.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

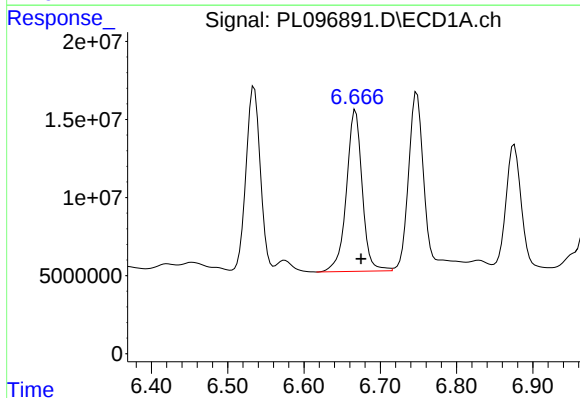
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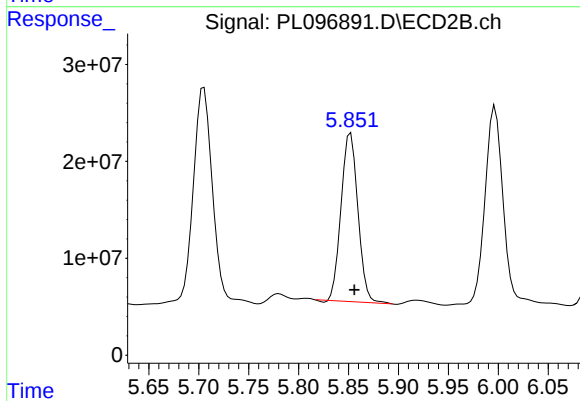
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 265178125
Conc: 51.63 ng/ml



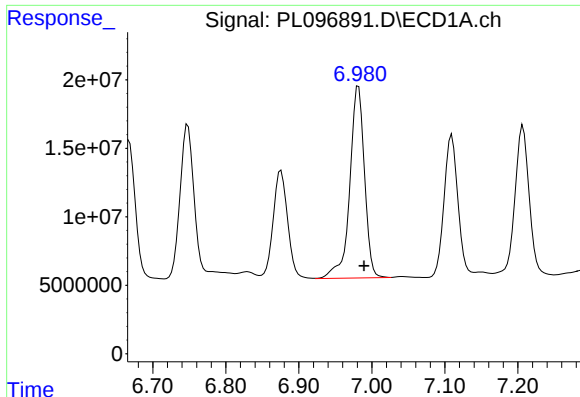
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: -0.007 min
Response: 148345646
Conc: 58.67 ng/ml



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 203356114
Conc: 43.22 ng/ml



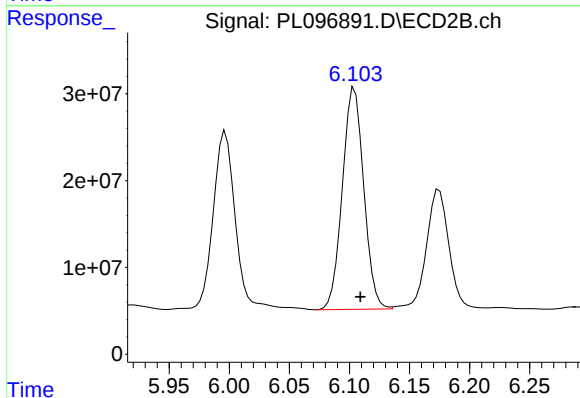
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.007 min
Response: 196446057
Conc: 68.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

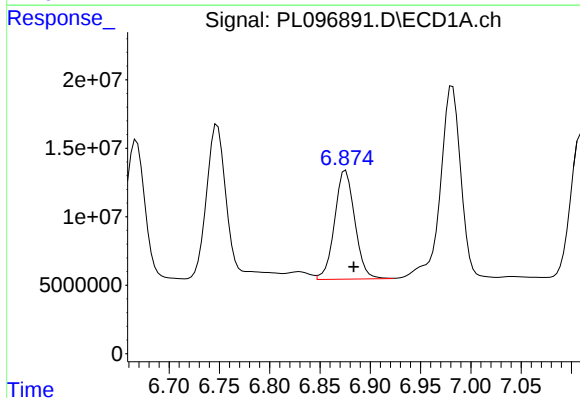
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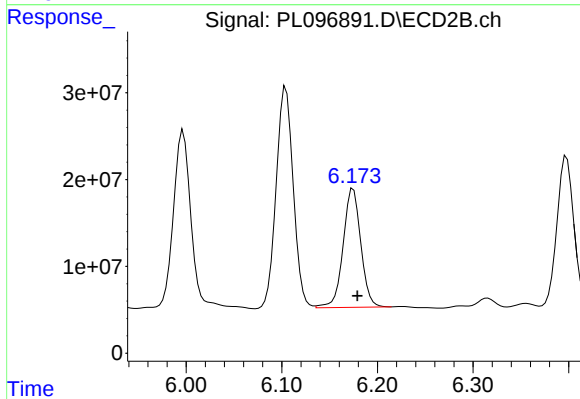
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 316943877
Conc: 62.66 ng/ml



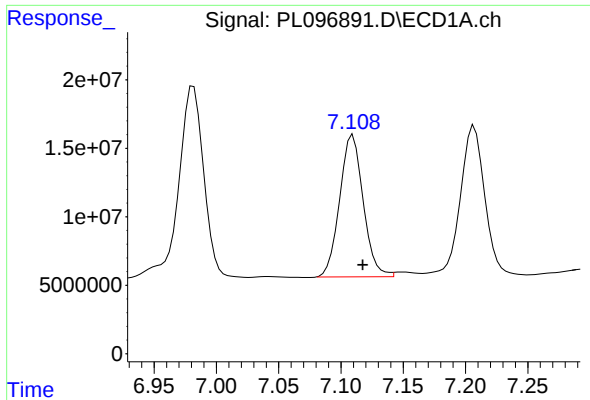
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: -0.008 min
Response: 110552078
Conc: 51.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 176650597
Conc: 48.60 ng/ml



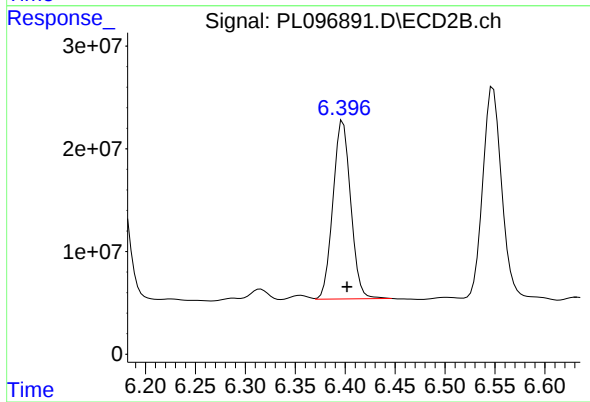
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: -0.008 min
Response: 136694923
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

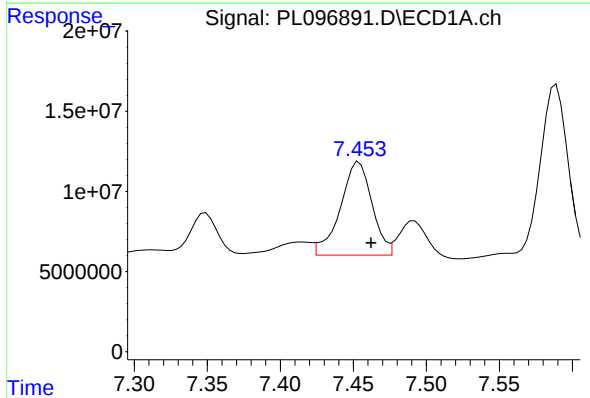
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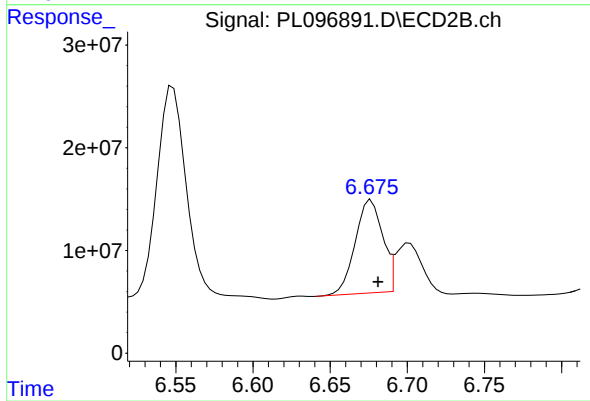
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 214733701
Conc: 42.22 ng/ml



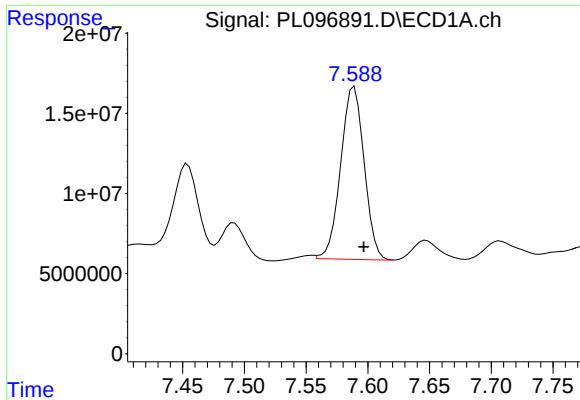
#20 Methoxychlor

R.T.: 7.453 min
Delta R.T.: -0.010 min
Response: 88621839
Conc: 60.35 ng/ml m



#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: -0.006 min
Response: 112760354
Conc: 41.15 ng/ml m



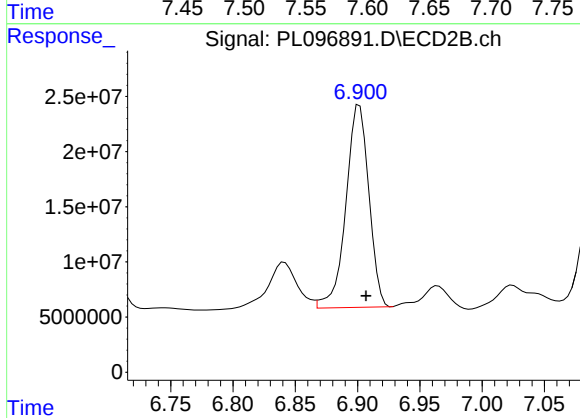
#21 Endrin ketone

R.T.: 7.588 min
Delta R.T.: -0.009 min
Response: 142336513
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

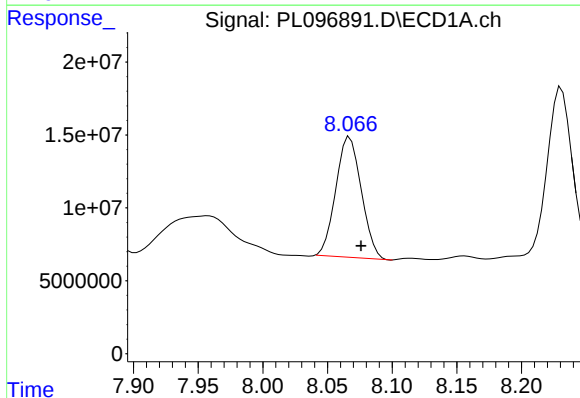
Manual Integrations
APPROVED

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



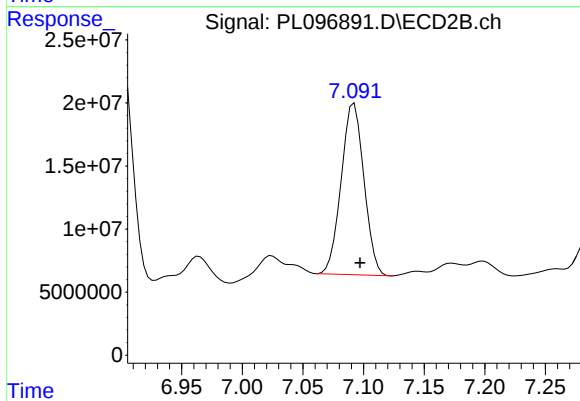
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: -0.005 min
Response: 236489481
Conc: 42.46 ng/ml



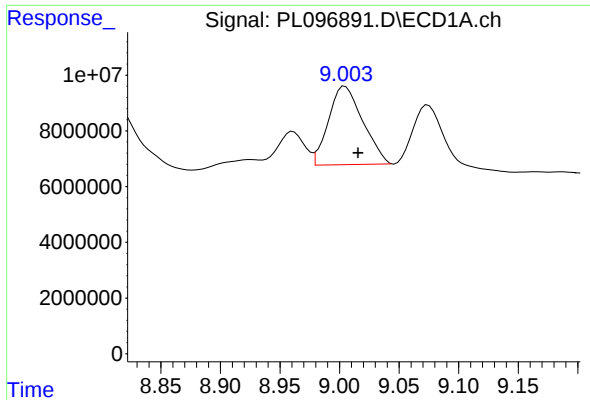
#22 Mirex

R.T.: 8.067 min
Delta R.T.: -0.009 min
Response: 113278687
Conc: 45.69 ng/ml



#22 Mirex

R.T.: 7.092 min
Delta R.T.: -0.005 min
Response: 177226306
Conc: 40.64 ng/ml



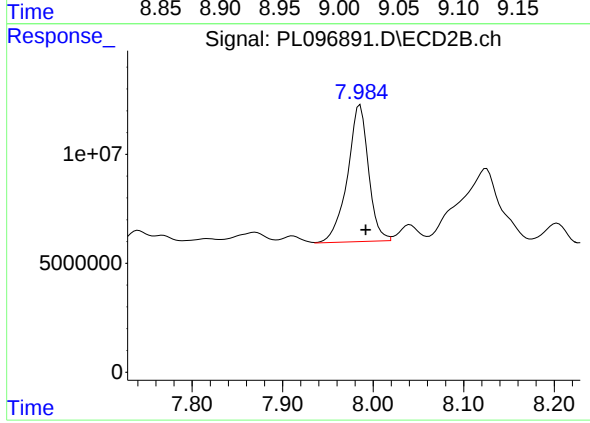
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.013 min
Response: 55945594
Conc: 23.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

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: 101522137
Conc: 23.40 ng/ml m