

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081825\
 Data File : PL096876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 21:57
 Operator : AR\AJ
 Sample : Q2888-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-210MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/19/2025
 Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 06:04:17 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	2.825	62789506	93050805	19.740m	19.476
28)	SA Decachlor...	9.003	7.984	54047910	92154357	22.665m	21.242m
Target Compounds							
2)	A alpha-BHC	3.978	3.331	233.0E6	342.7E6	50.369	48.431
3)	MA gamma-BHC...	4.304	3.662	224.9E6	316.5E6	50.840m	47.926
4)	MA Heptachlor	4.896	4.011	222.2E6	294.3E6	53.476	44.179
5)	MB Aldrin	5.235	4.293	228.2E6	289.9E6	53.063	46.697
6)	B beta-BHC	4.491	3.958	83583489	139.4E6	46.307m	49.400
7)	B delta-BHC	4.737	4.191	178.6E6	259.3E6	44.771	40.058
8)	B Heptachlo...	5.655	4.795	200.5E6	257.2E6	52.002	45.033
9)	A Endosulfan I	6.037	5.167	201.1E6	257.8E6	55.929	46.609
10)	B gamma-Chl...	5.907	5.047	215.1E6	322.4E6	56.539m	54.831
11)	B alpha-Chl...	5.988	5.111	223.3E6	307.9E6	57.941m	52.201
12)	B 4,4'-DDE	6.160	5.299	175.8E6	309.0E6	54.760	56.032
13)	MA Dieldrin	6.309	5.430	182.0E6	298.6E6	49.034	50.557
14)	MA Endrin	6.534	5.703	139.5E6	236.0E6	46.077m	43.653m
15)	B Endosulfa...	6.746	5.996	150.8E6	244.8E6	47.091m	47.659
16)	A 4,4'-DDD	6.668	5.850	153.0E6	207.0E6	60.509	43.989m#
17)	MA 4,4'-DDT	6.981	6.104	163.6E6	246.2E6	57.054	48.674
18)	B Endrin al...	6.876	6.174	108.7E6	163.1E6	50.643	44.865
19)	B Endosulfa...	7.110	6.398	138.2E6	199.2E6	48.078	39.170
20)	A Methoxychlor	7.454	6.676	81503175	88219989	55.506	32.191 #
21)	B Endrin ke...	7.588	6.901	145.7E6	226.3E6	48.448m	40.636
22)	Mirex	8.068	7.091	110.9E6	166.3E6	44.740	38.127

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

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Acq On : 18 Aug 2025 21:57
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Sample : Q2888-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

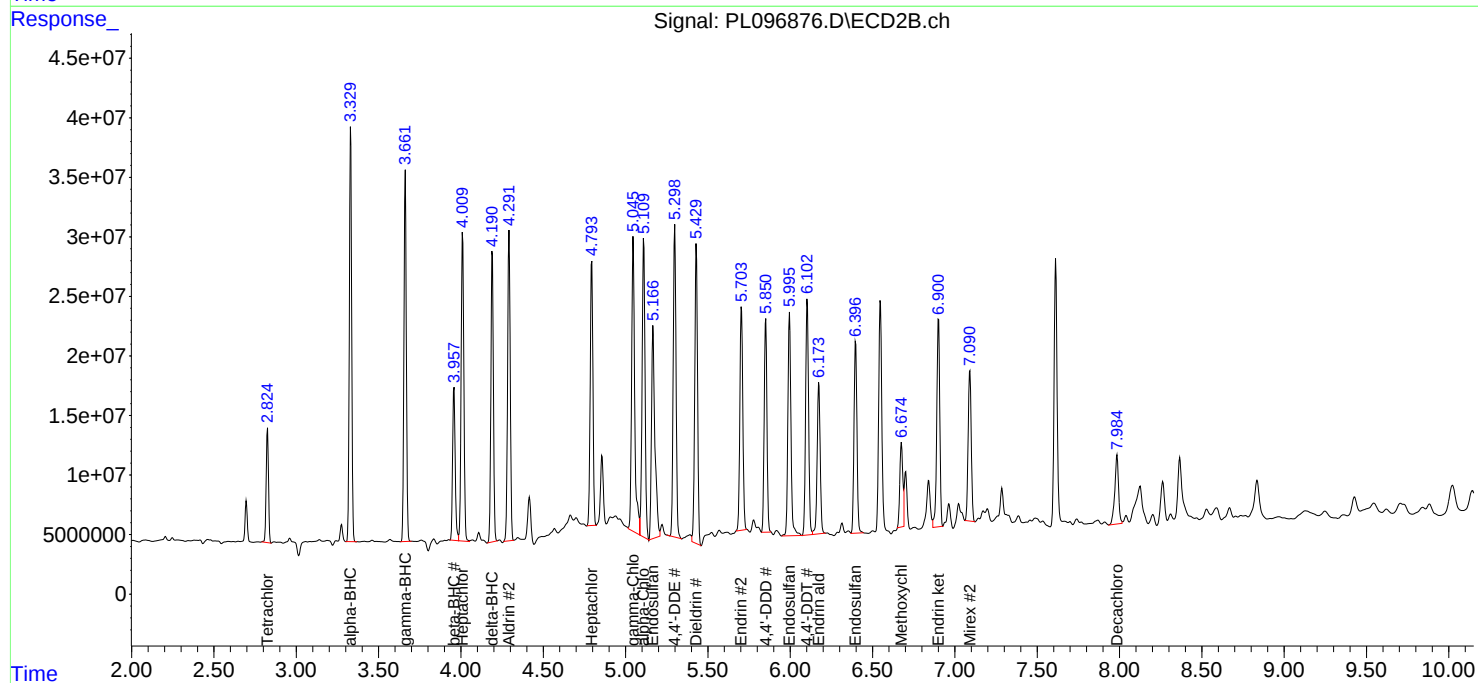
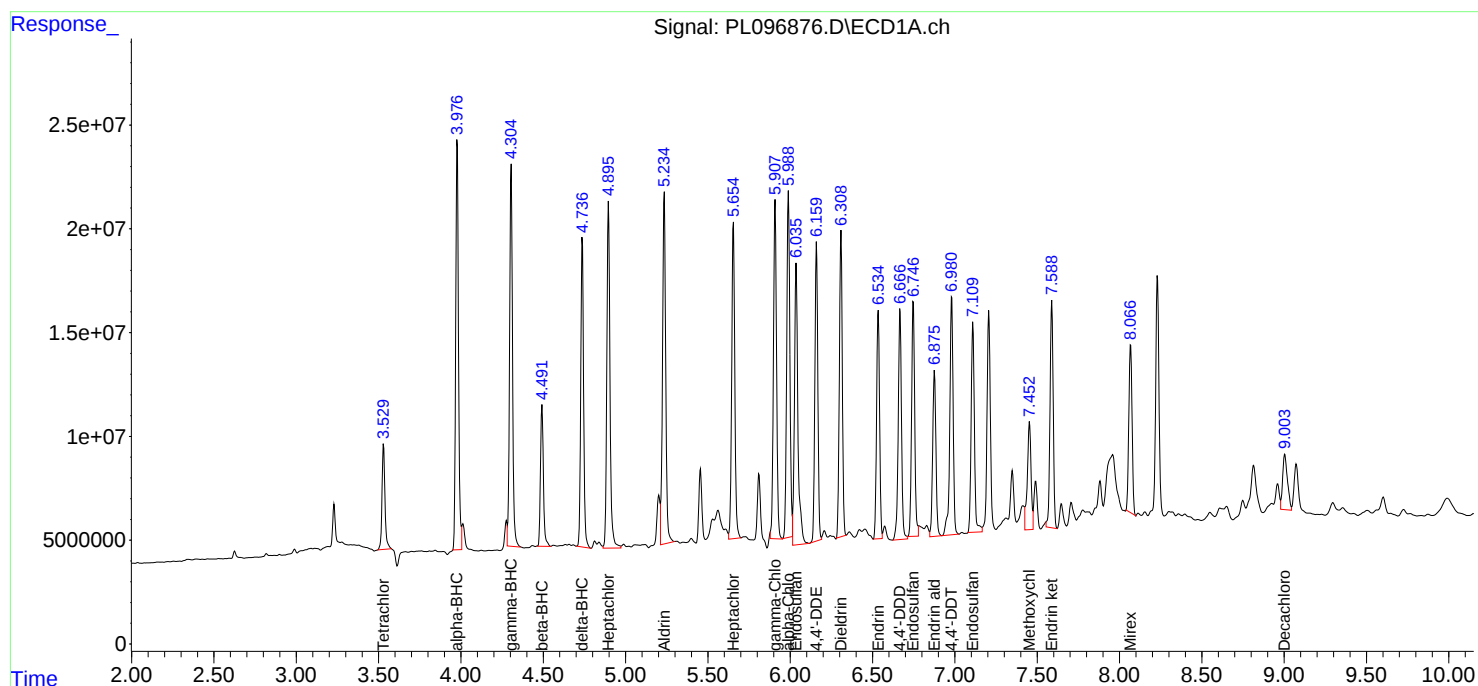
Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

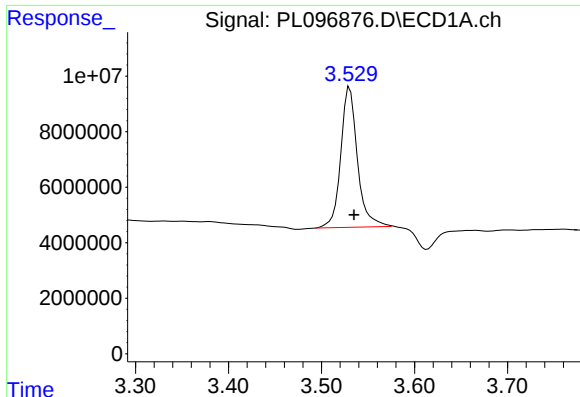
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:04:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
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Volume 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





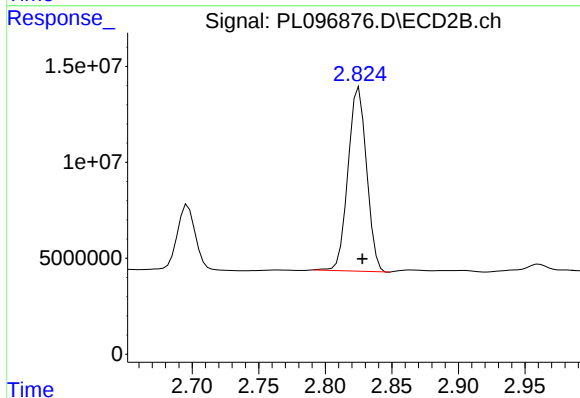
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.006 min
Response: 62789506
Conc: 19.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

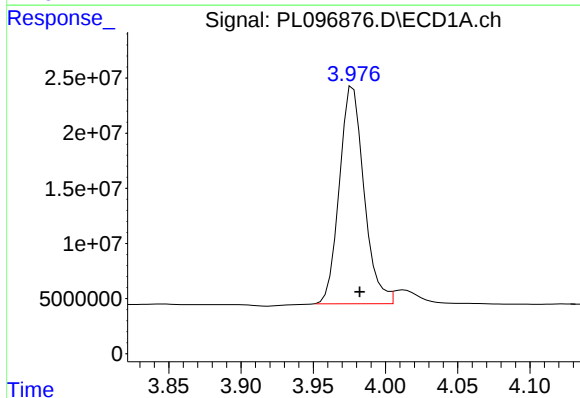
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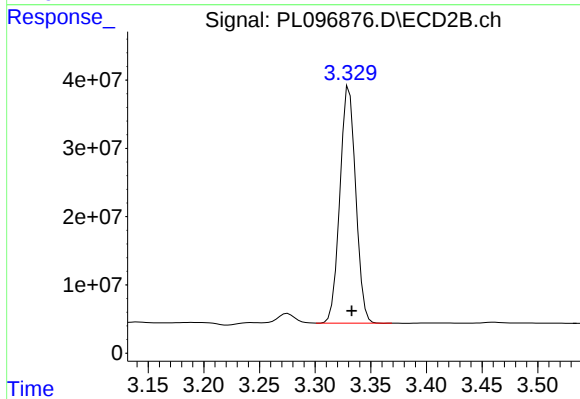
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 93050805
Conc: 19.48 ng/ml



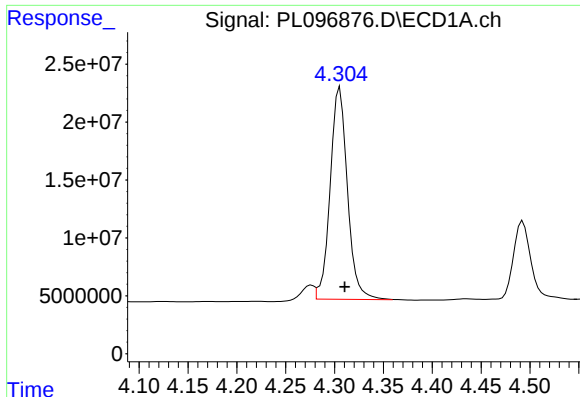
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 233023599
Conc: 50.37 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 342749364
Conc: 48.43 ng/ml



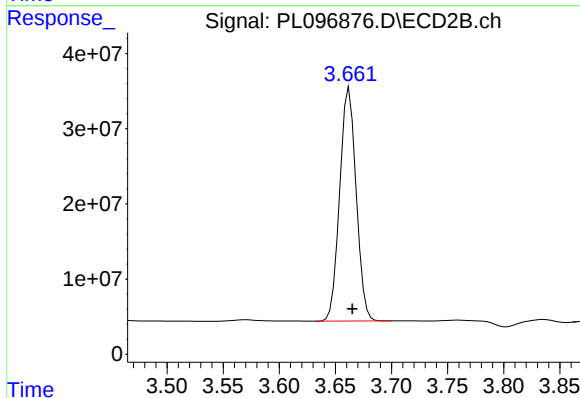
#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 224888142
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

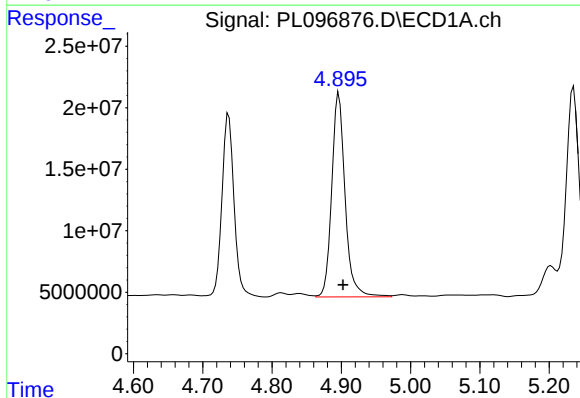
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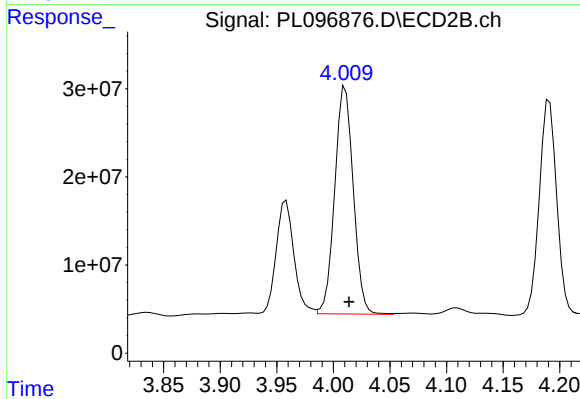
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 316470046
Conc: 47.93 ng/ml



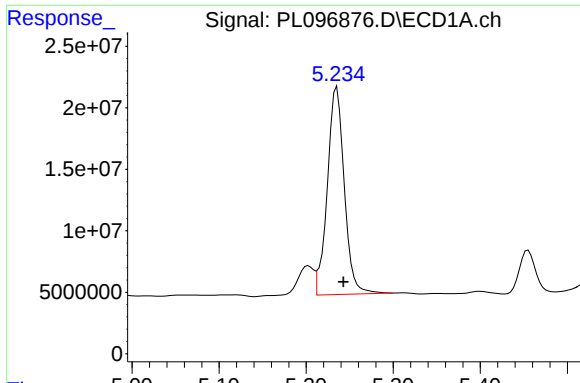
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: -0.006 min
Response: 222231666
Conc: 53.48 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 294319846
Conc: 44.18 ng/ml



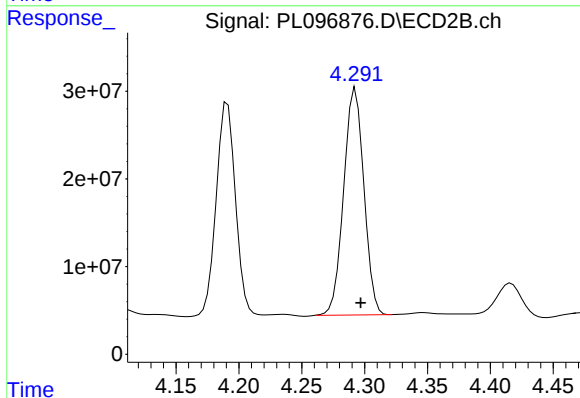
#5 Aldrin

R.T.: 5.235 min
Delta R.T.: -0.008 min
Response: 228223336
Conc: 53.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

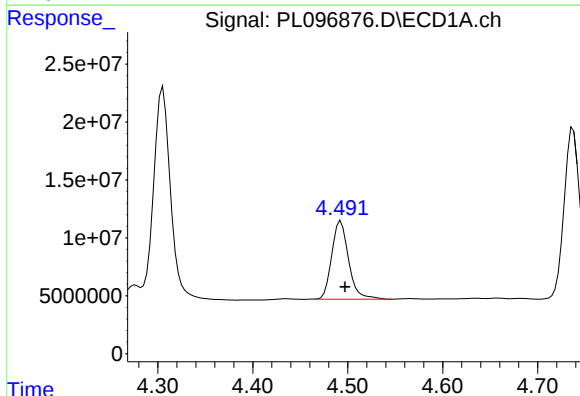
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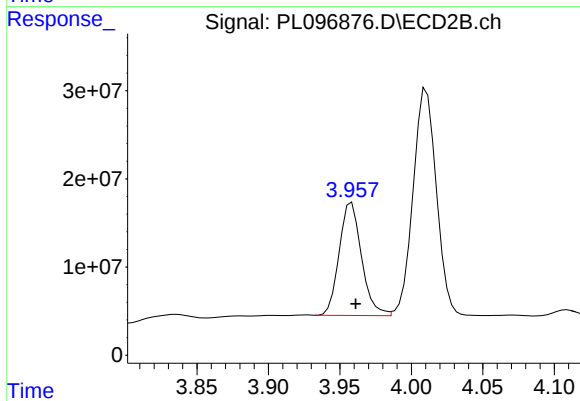
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 289852238
Conc: 46.70 ng/ml



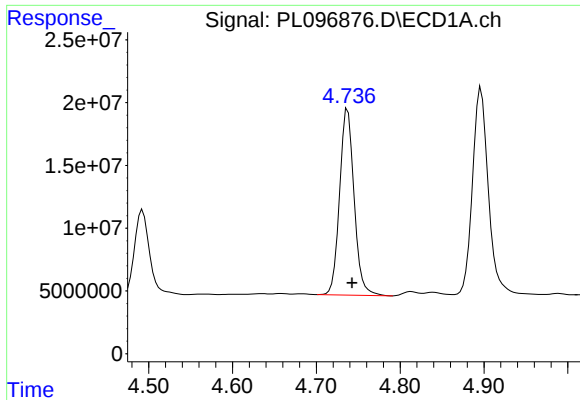
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.006 min
Response: 83583489
Conc: 46.31 ng/ml m



#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 139353050
Conc: 49.40 ng/ml



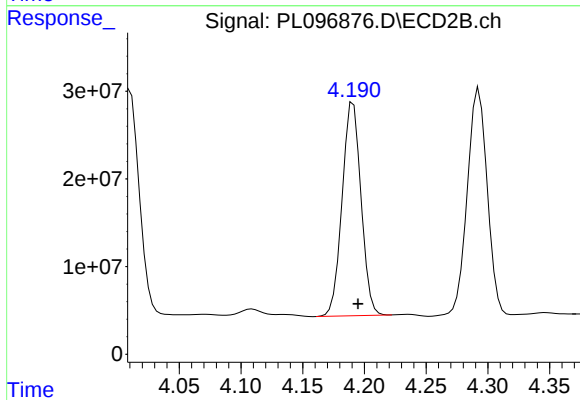
#7 delta-BHC

R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 178630221
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

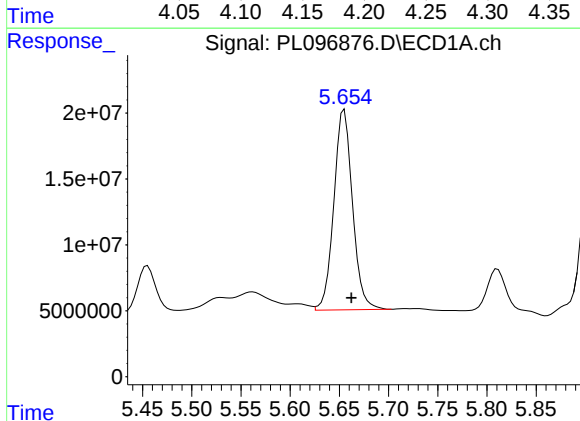
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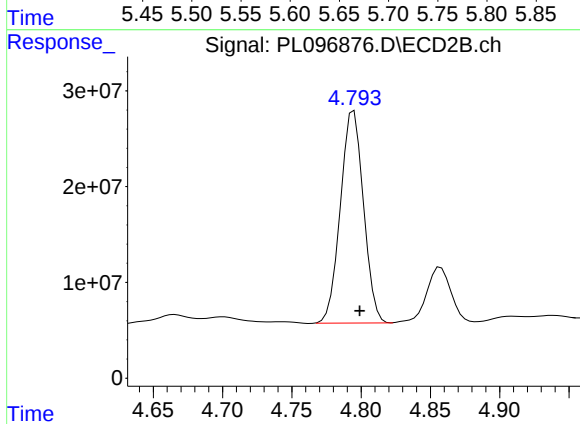
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 259320924
Conc: 40.06 ng/ml



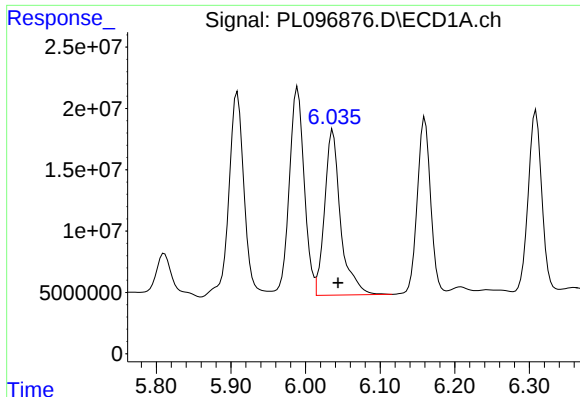
#8 Heptachlor epoxide

R.T.: 5.655 min
Delta R.T.: -0.007 min
Response: 200547221
Conc: 52.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 257200550
Conc: 45.03 ng/ml



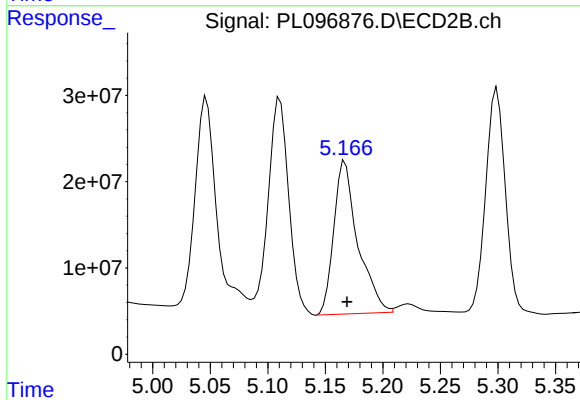
#9 Endosulfan I

R.T.: 6.037 min
Delta R.T.: -0.007 min
Response: 201139799
Conc: 55.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

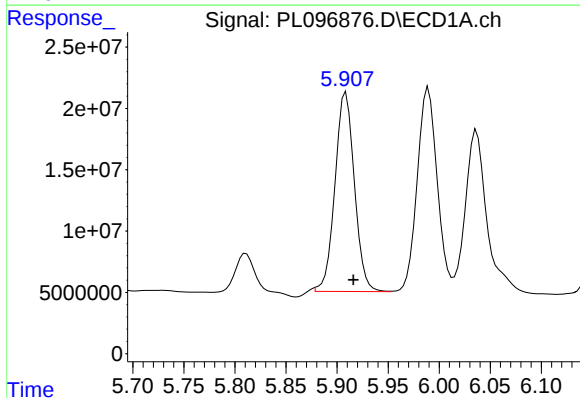
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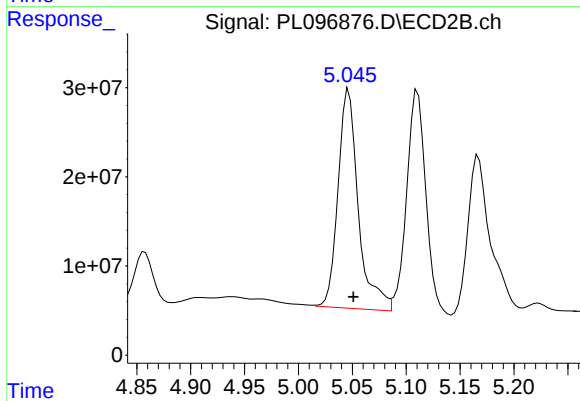
#9 Endosulfan I

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 257811805
Conc: 46.61 ng/ml



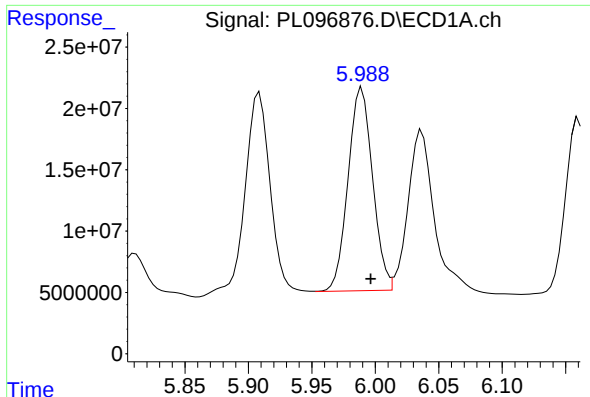
#10 gamma-Chlordane

R.T.: 5.907 min
Delta R.T.: -0.008 min
Response: 215145937
Conc: 56.54 ng/ml m



#10 gamma-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 322414174
Conc: 54.83 ng/ml



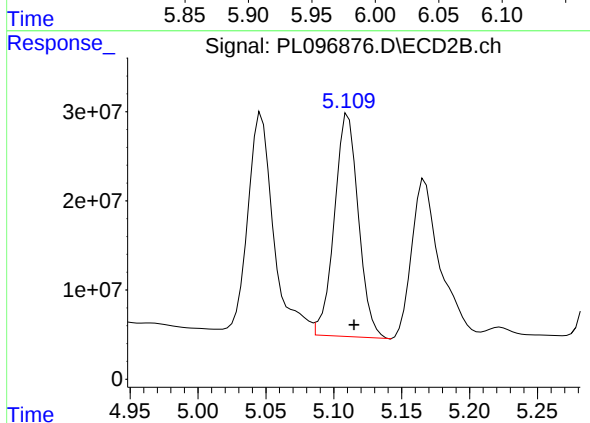
#11 alpha-Chlordane

R.T.: 5.988 min
Delta R.T.: -0.008 min
Response: 223343121
Conc: 57.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

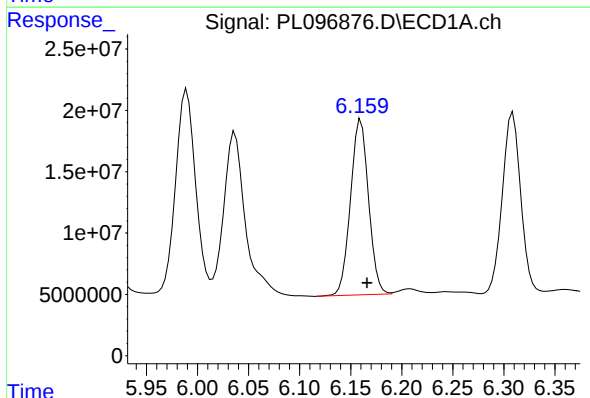
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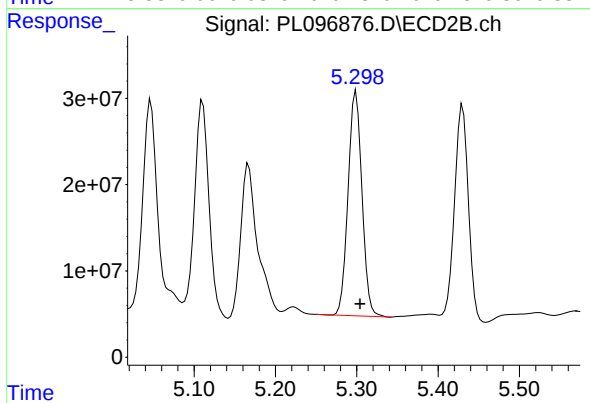
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 307930970
Conc: 52.20 ng/ml



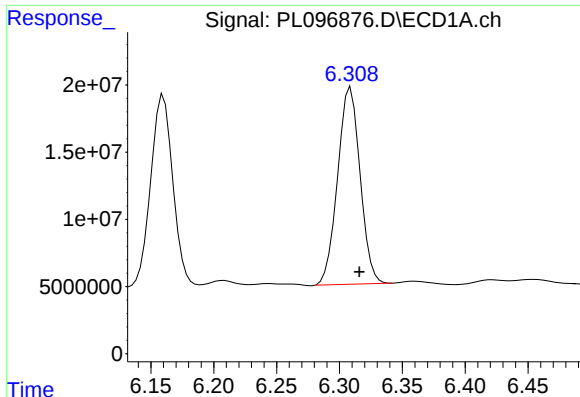
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: -0.006 min
Response: 175849301
Conc: 54.76 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: -0.005 min
Response: 308984453
Conc: 56.03 ng/ml



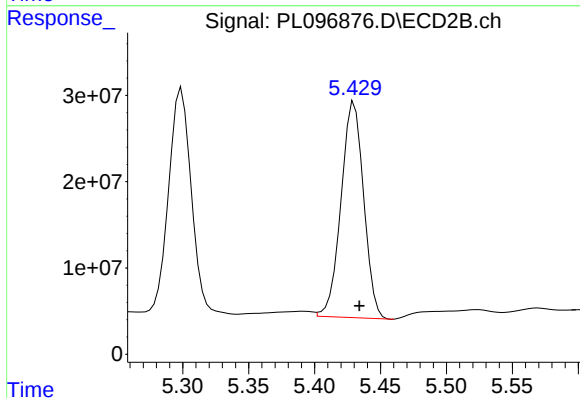
#13 Dieldrin

R.T.: 6.309 min
Delta R.T.: -0.007 min
Response: 181973694
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

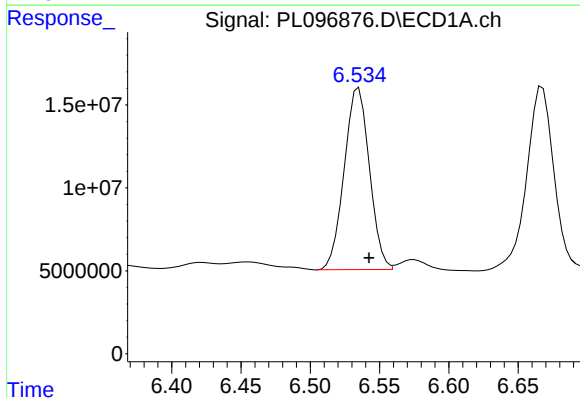
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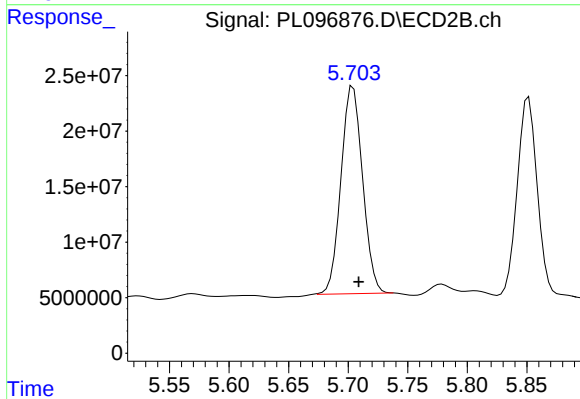
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 298615326
Conc: 50.56 ng/ml



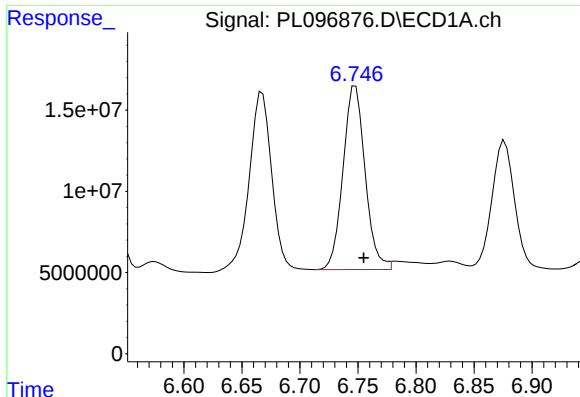
#14 Endrin

R.T.: 6.534 min
Delta R.T.: -0.009 min
Response: 139465942
Conc: 46.08 ng/ml m



#14 Endrin

R.T.: 5.703 min
Delta R.T.: -0.006 min
Response: 235985764
Conc: 43.65 ng/ml m



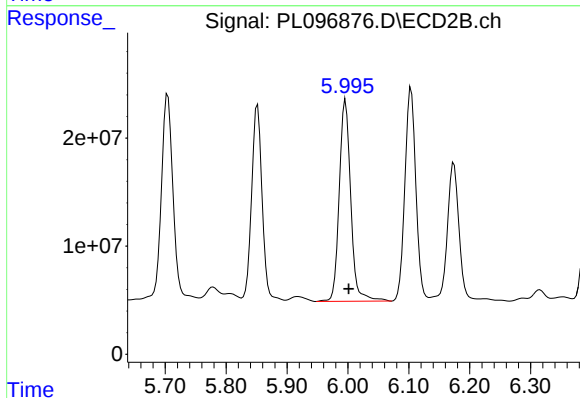
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: -0.008 min
Response: 150814959
Conc: 47.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

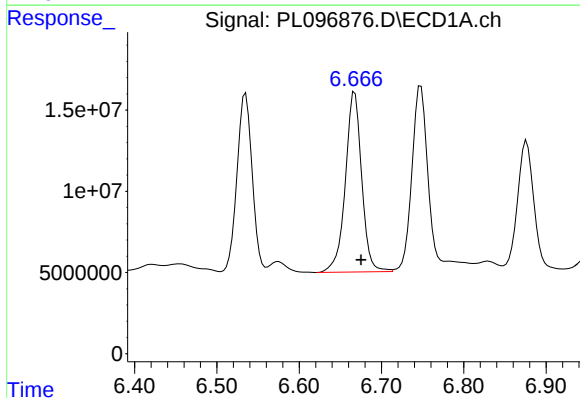
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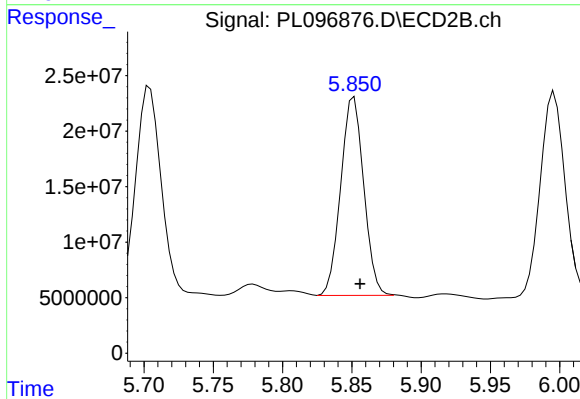
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 244785452
Conc: 47.66 ng/ml



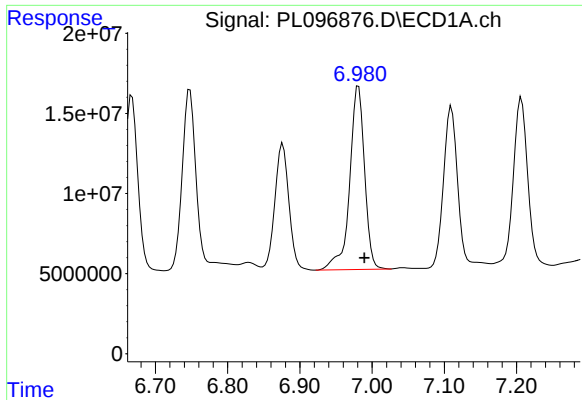
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: -0.007 min
Response: 152989651
Conc: 60.51 ng/ml



#16 4,4'-DDD

R.T.: 5.850 min
Delta R.T.: -0.006 min
Response: 206979206
Conc: 43.99 ng/ml m



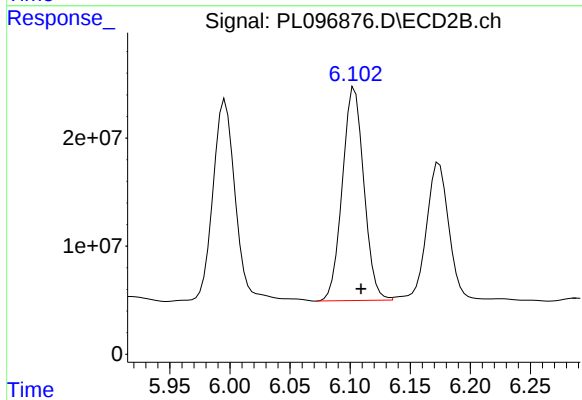
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: -0.008 min
Response: 163613609
Conc: 57.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

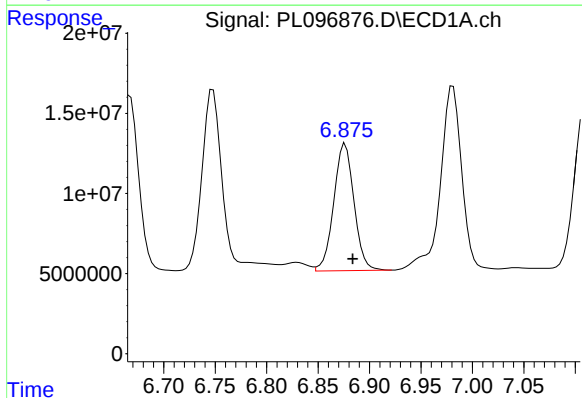
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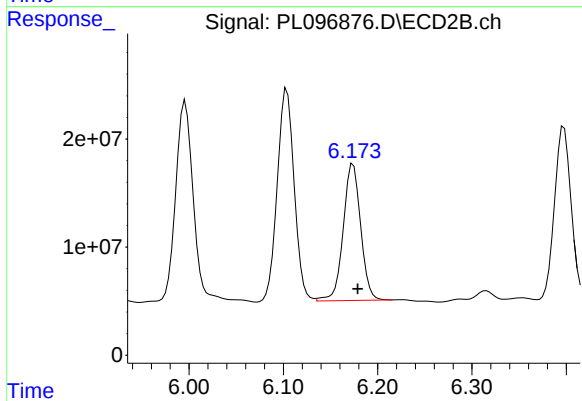
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 246209314
Conc: 48.67 ng/ml



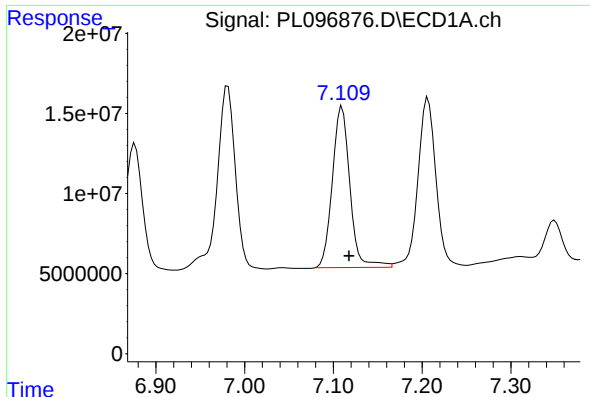
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: -0.007 min
Response: 108674910
Conc: 50.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 163087540
Conc: 44.87 ng/ml



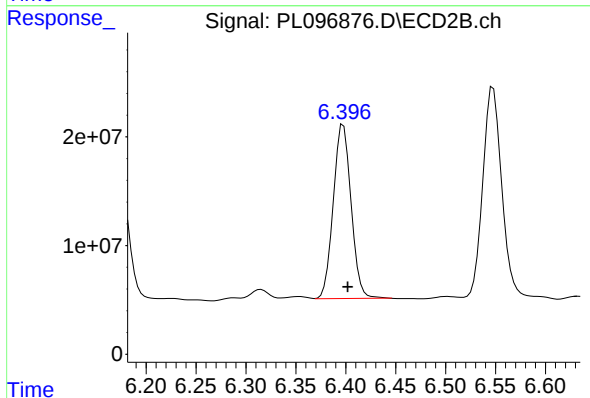
#19 Endosulfan Sulfate

R.T.: 7.110 min
Delta R.T.: -0.008 min
Response: 138161957
Conc: 48.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

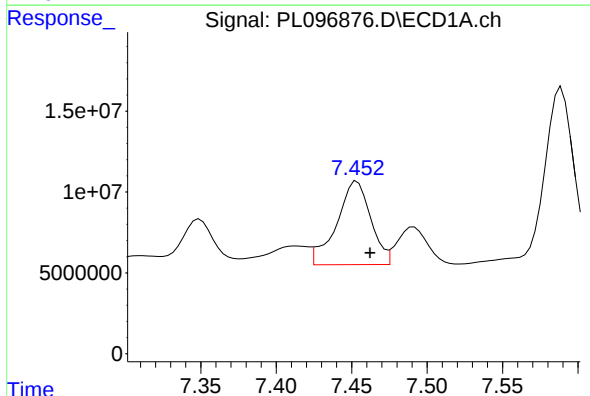
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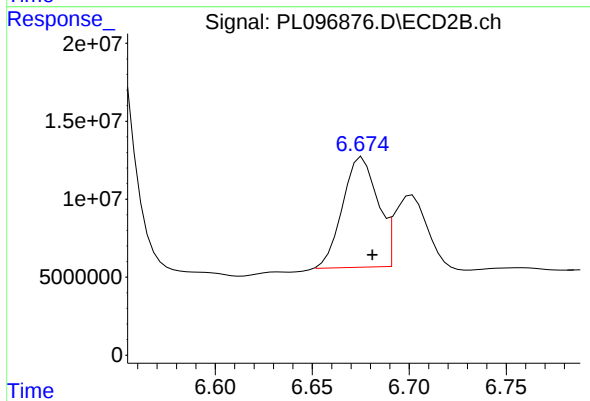
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 199226363
Conc: 39.17 ng/ml



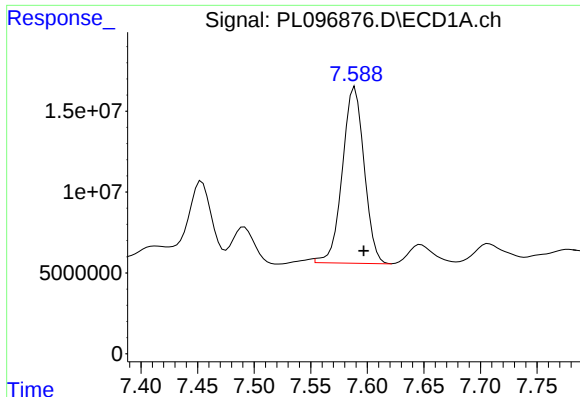
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: -0.009 min
Response: 81503175
Conc: 55.51 ng/ml



#20 Methoxychlor

R.T.: 6.676 min
Delta R.T.: -0.005 min
Response: 88219989
Conc: 32.19 ng/ml



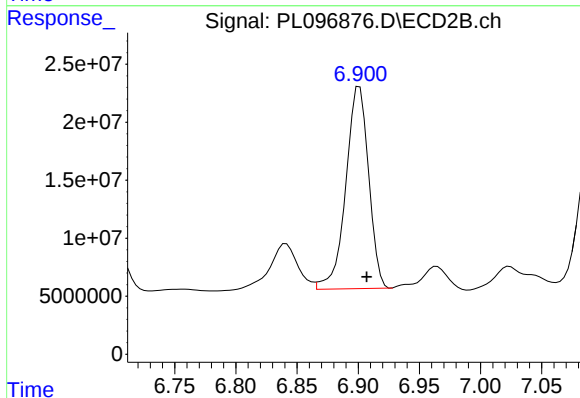
#21 Endrin ketone

R.T.: 7.588 min
Delta R.T.: -0.009 min
Response: 145669422
Conc: 48.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

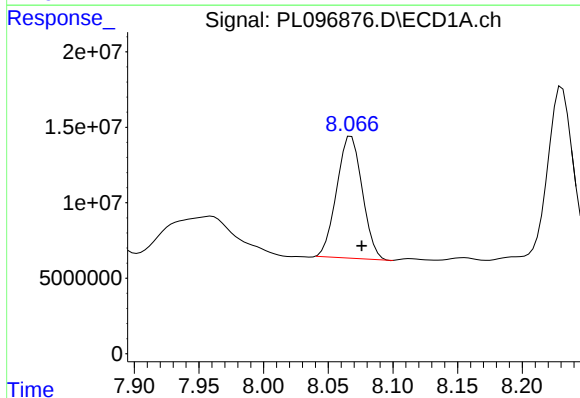
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



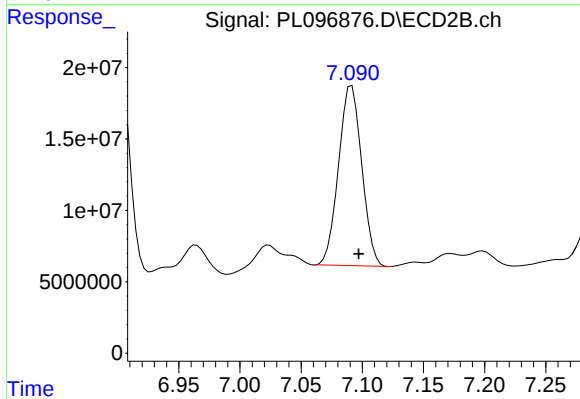
#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: -0.006 min
Response: 226331728
Conc: 40.64 ng/ml



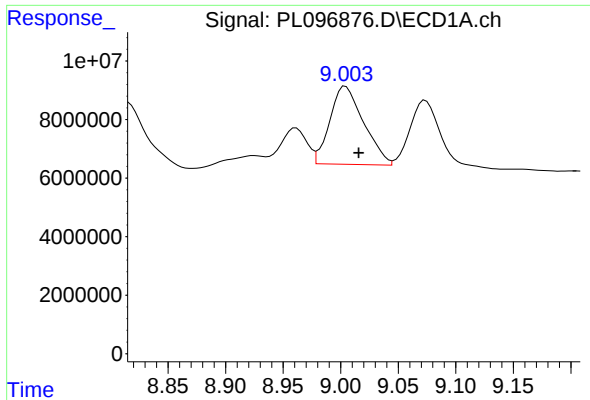
#22 Mirex

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 110925305
Conc: 44.74 ng/ml



#22 Mirex

R.T.: 7.091 min
Delta R.T.: -0.006 min
Response: 166266604
Conc: 38.13 ng/ml



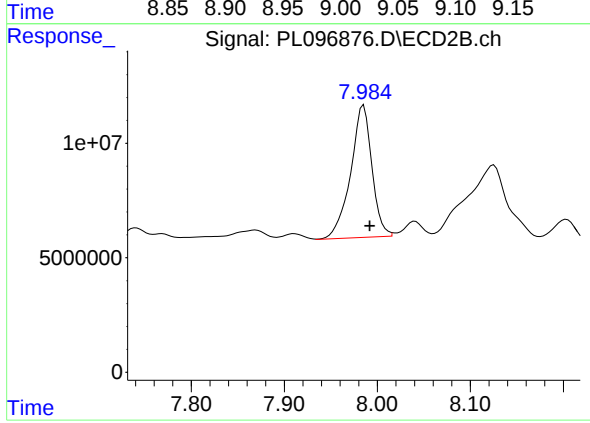
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.013 min
Response: 54047910
Conc: 22.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

Manual Integrations
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Supervised By :mohammad ahmed 08/20/2025



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: -0.008 min
Response: 92154357
Conc: 21.24 ng/ml m