

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081825\
 Data File : PL096875.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 21:43
 Operator : AR\AJ
 Sample : Q2888-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-210MS

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 06:04:07 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	61109317	92695494	19.212m	19.401
2)	SA Decachlor...	9.003	7.984	60932015	90398791	25.552m	20.837m
Target Compounds							
2)	A alpha-BHC	3.978	3.331	223.6E6	338.7E6	48.331	47.855
3)	MA gamma-BHC...	4.304	3.663	218.0E6	314.3E6	49.289m	47.593
4)	MA Heptachlor	4.897	4.011	209.5E6	293.7E6	50.424	44.087
5)	MB Aldrin	5.236	4.293	223.9E6	282.5E6	52.047	45.520
6)	B beta-BHC	4.491	3.959	80332691	137.5E6	44.506m	48.732
7)	B delta-BHC	4.738	4.191	171.3E6	256.5E6	42.925	39.618
8)	B Heptachlo...	5.654	4.795	185.2E6	251.5E6	48.010m	44.042
9)	A Endosulfan I	6.037	5.167	185.0E6	251.1E6	51.438	45.403
10)	B gamma-Chl...	5.908	5.046	212.0E6	284.4E6	55.710	48.367m
11)	B alpha-Chl...	5.988	5.111	209.7E6	301.4E6	54.403m	51.089
12)	B 4,4'-DDE	6.160	5.299	167.7E6	298.5E6	52.231	54.131
13)	MA Dieldrin	6.309	5.430	170.6E6	287.8E6	45.963	48.726
14)	MA Endrin	6.533	5.704	130.1E6	228.7E6	42.978m	42.308m
15)	B Endosulfa...	6.747	5.996	140.5E6	236.9E6	43.884	46.122
16)	A 4,4'-DDD	6.667	5.852	140.7E6	198.5E6	55.666	42.183
17)	MA 4,4'-DDT	6.982	6.103	160.2E6	246.0E6	55.880	48.632
18)	B Endrin al...	6.876	6.174	106.4E6	164.6E6	49.578	45.288
19)	B Endosulfa...	7.110	6.397	129.2E6	197.3E6	44.963	38.786
20)	A Methoxychlor	7.454	6.676	75968130	87720080	51.737	32.009 #
21)	B Endrin ke...	7.588	6.901	140.5E6	222.3E6	46.736m	39.910
22)	Mirex	8.068	7.091	109.0E6	159.8E6	43.950	36.636

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081825\
Data File : PL096875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 21:43
Operator : AR\AJ
Sample : Q2888-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

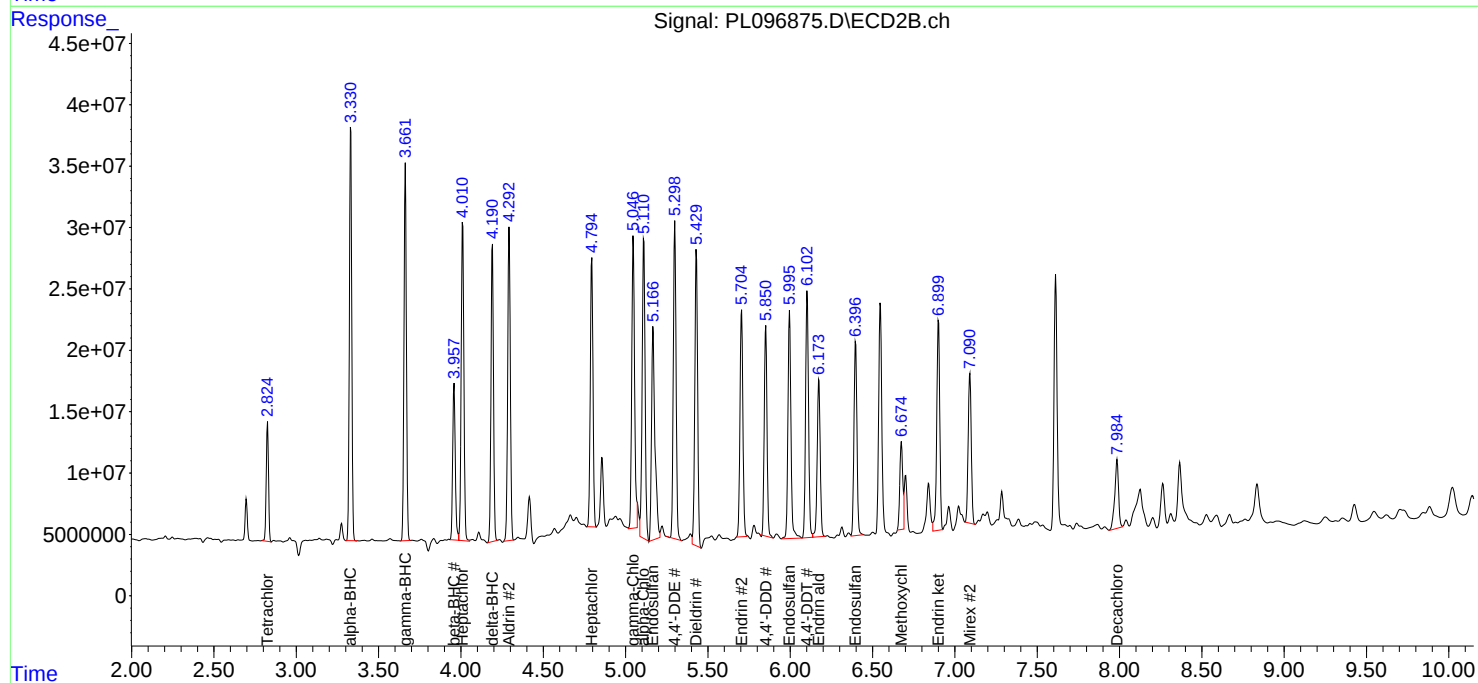
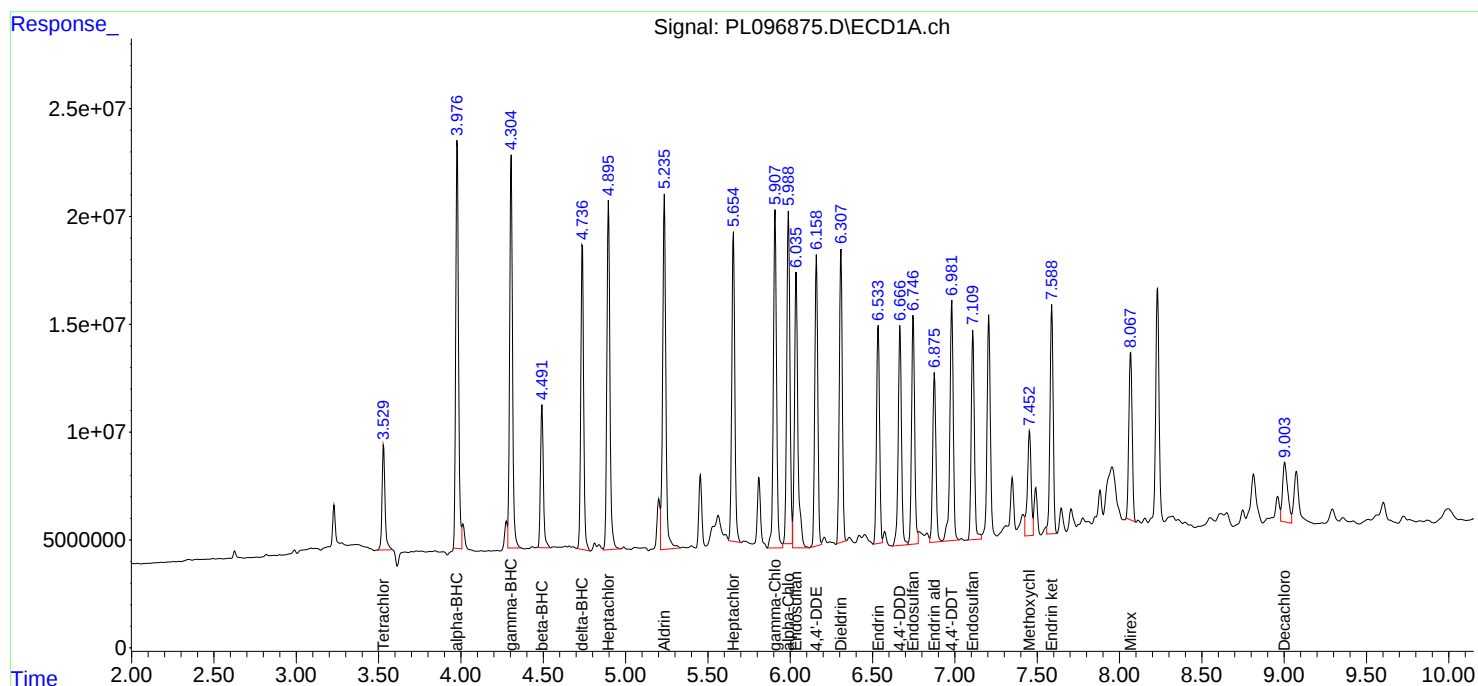
Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

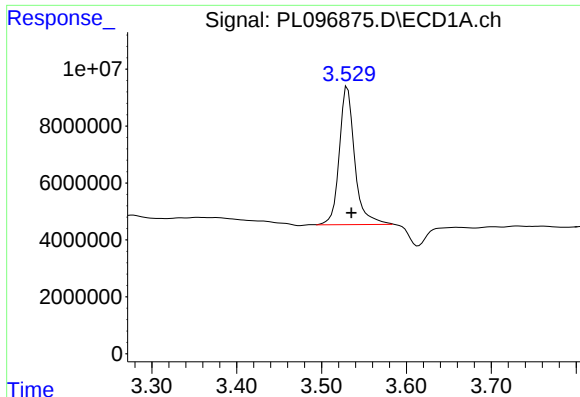
Manual Integrations
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Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:04:07 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





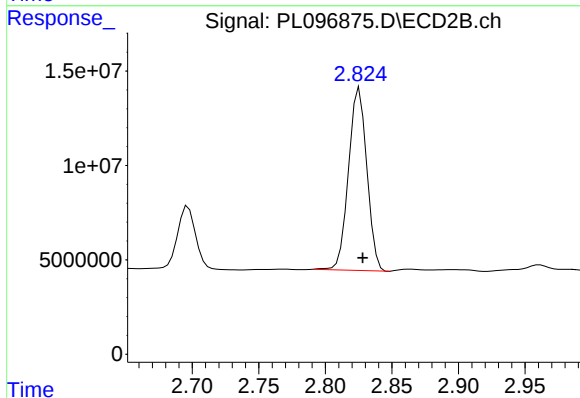
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.006 min
Response: 61109317
Conc: 19.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

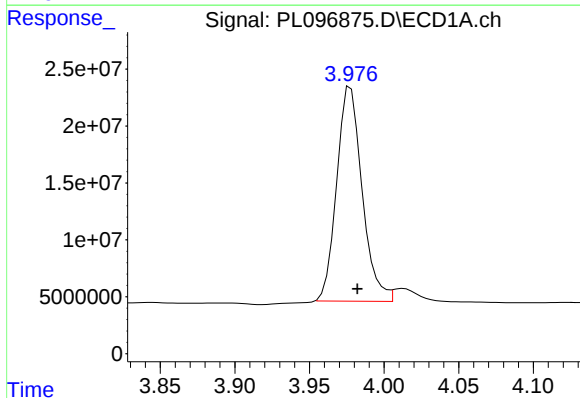
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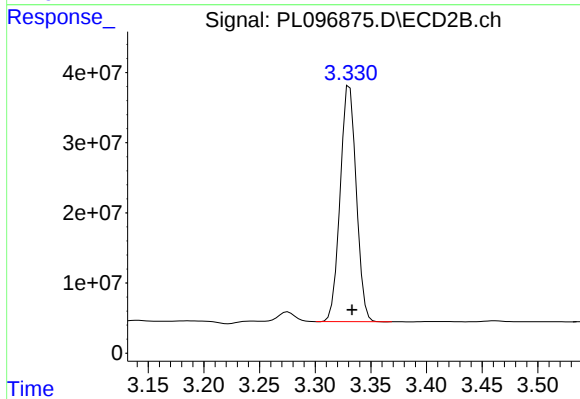
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 92695494
Conc: 19.40 ng/ml



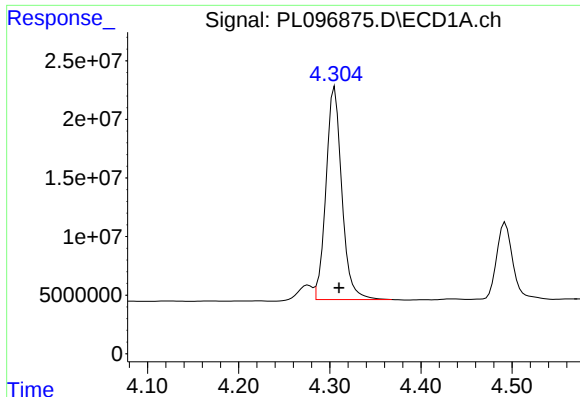
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 223598547
Conc: 48.33 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 338668779
Conc: 47.85 ng/ml



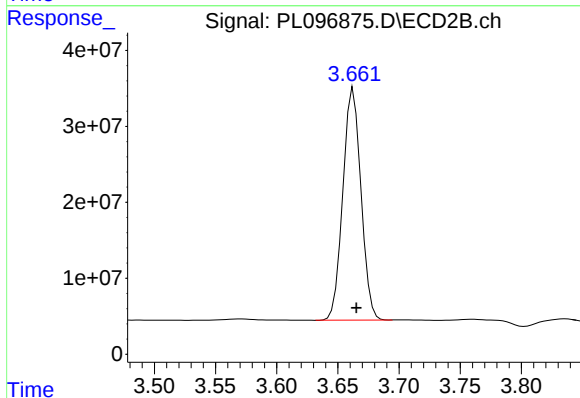
#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 218025535
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

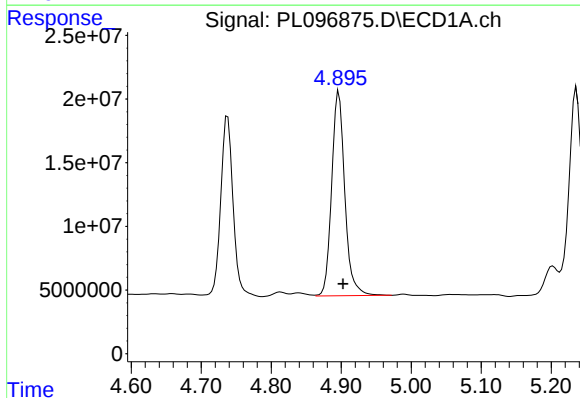
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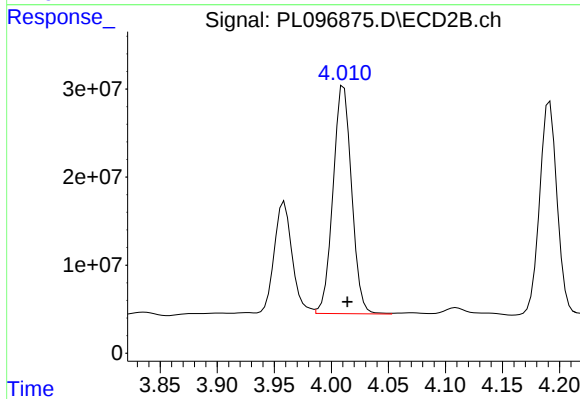
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 314274496
Conc: 47.59 ng/ml



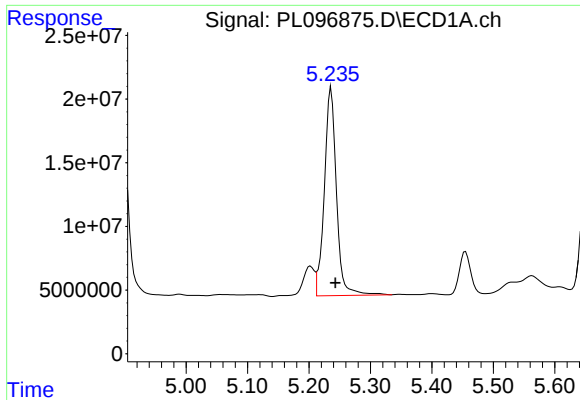
#4 Heptachlor

R.T.: 4.897 min
Delta R.T.: -0.006 min
Response: 209545309
Conc: 50.42 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 293708192
Conc: 44.09 ng/ml



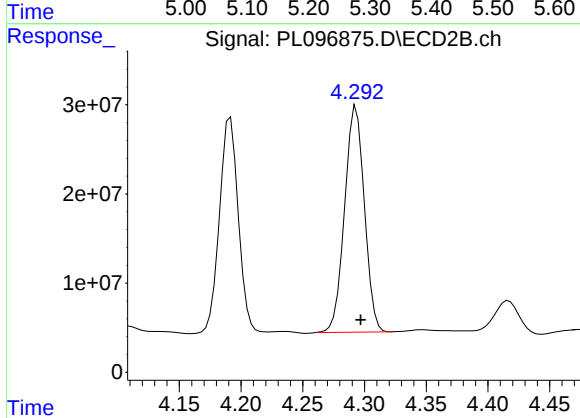
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: -0.007 min
Response: 223855452
Conc: 52.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

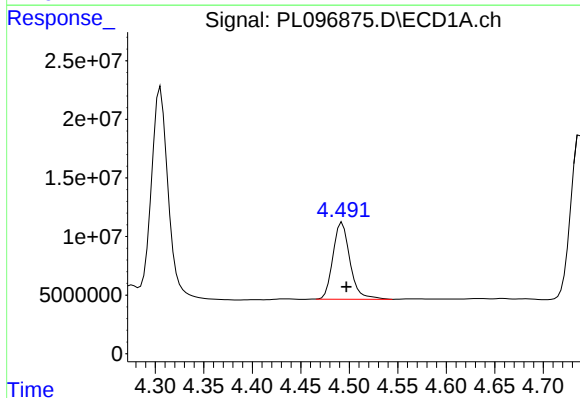
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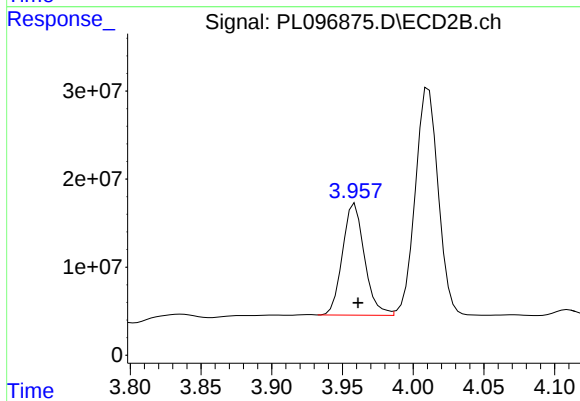
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 282544262
Conc: 45.52 ng/ml



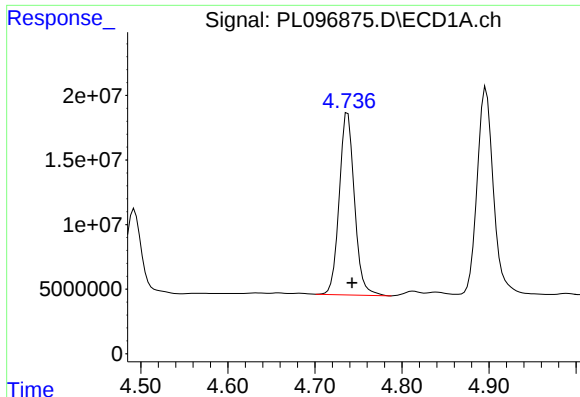
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.006 min
Response: 80332691
Conc: 44.51 ng/ml m



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 137467650
Conc: 48.73 ng/ml



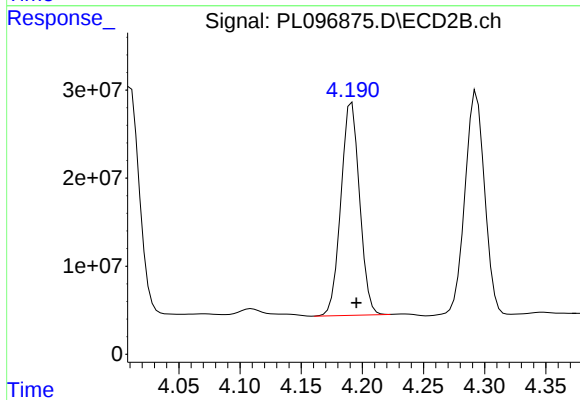
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 171264113
Conc: 42.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

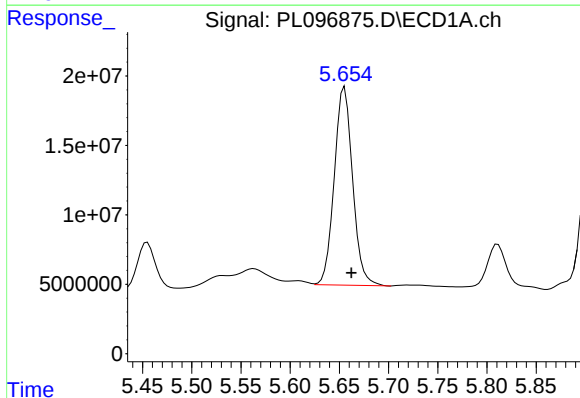
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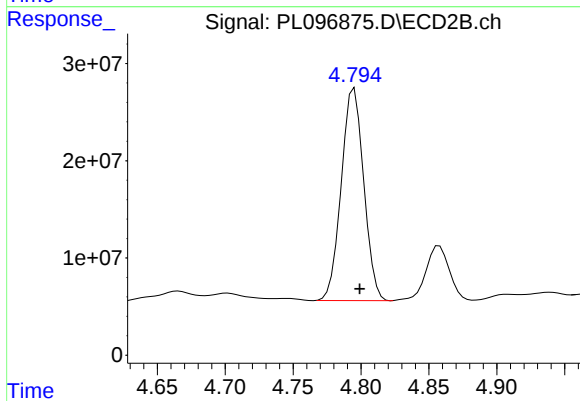
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 256473404
Conc: 39.62 ng/ml



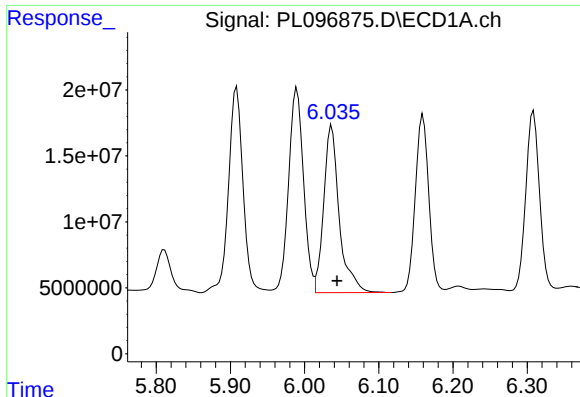
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: -0.008 min
Response: 185151436
Conc: 48.01 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 251539941
Conc: 44.04 ng/ml



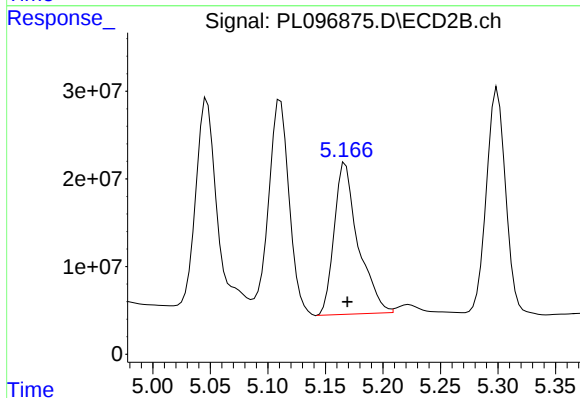
#9 Endosulfan I

R.T.: 6.037 min
Delta R.T.: -0.007 min
Response: 184988622
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

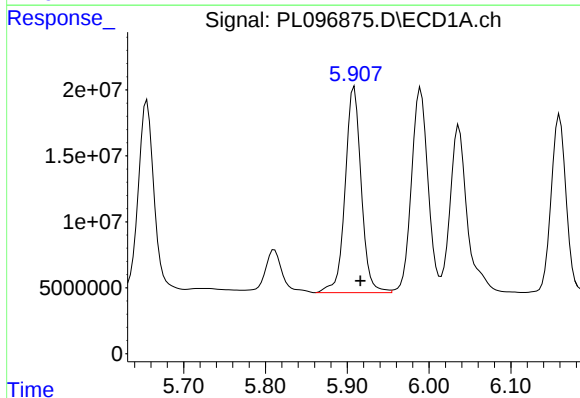
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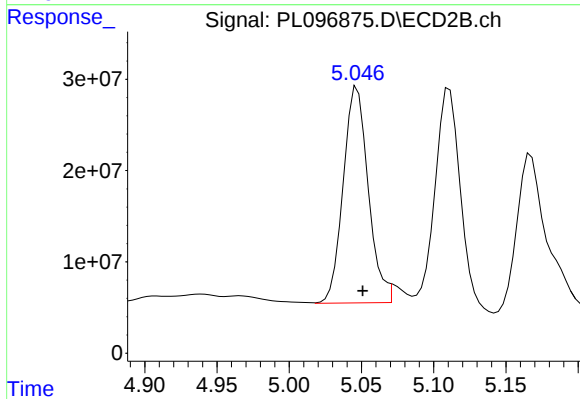
#9 Endosulfan I

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 251143402
Conc: 45.40 ng/ml



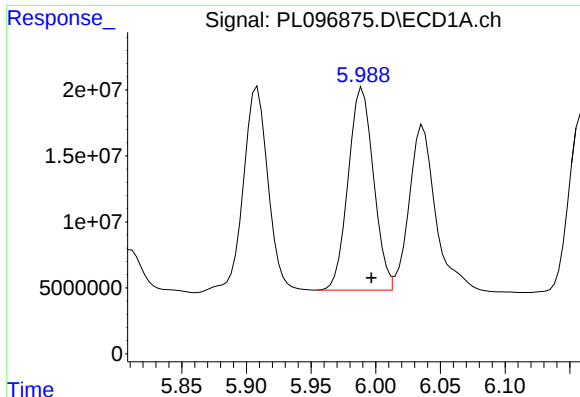
#10 gamma-Chlordane

R.T.: 5.908 min
Delta R.T.: -0.007 min
Response: 211988154
Conc: 55.71 ng/ml



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 284404513
Conc: 48.37 ng/ml m



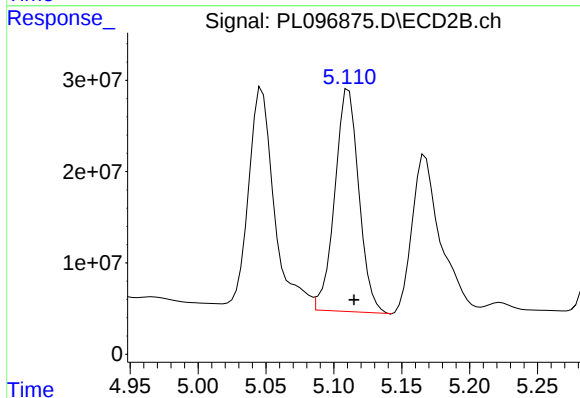
#11 alpha-Chlordane

R.T.: 5.988 min
Delta R.T.: -0.008 min
Response: 209702541
Conc: 54.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

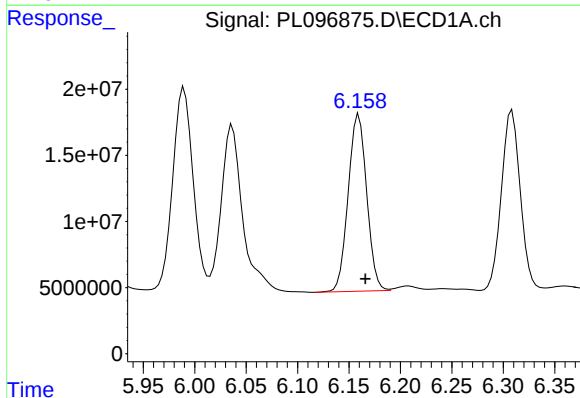
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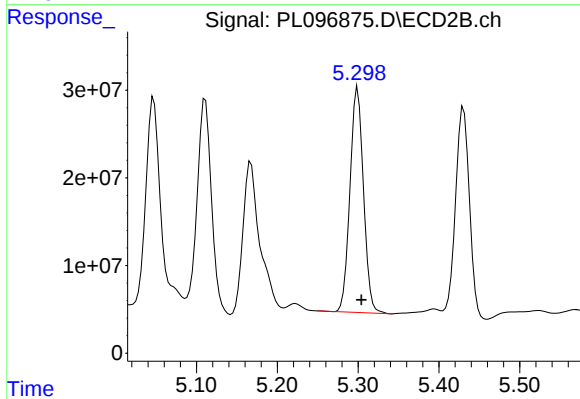
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 301367763
Conc: 51.09 ng/ml



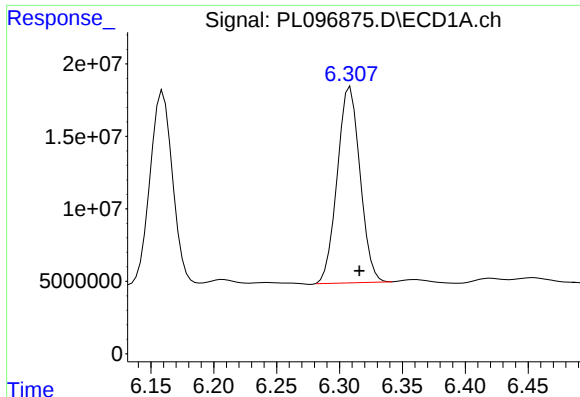
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: -0.007 min
Response: 167726115
Conc: 52.23 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: -0.005 min
Response: 298498294
Conc: 54.13 ng/ml



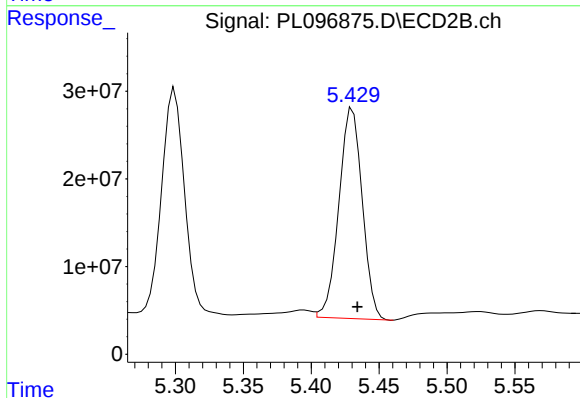
#13 Dieldrin

R.T.: 6.309 min
Delta R.T.: -0.007 min
Response: 170573859
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

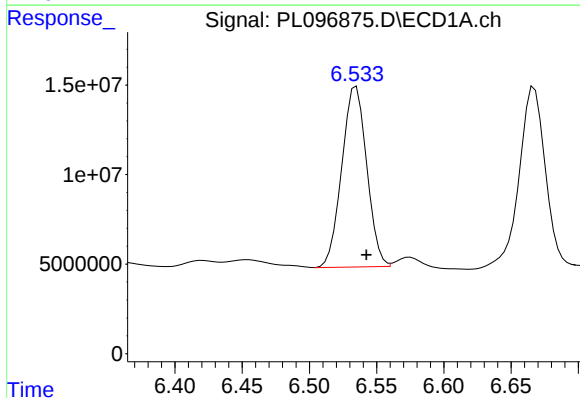
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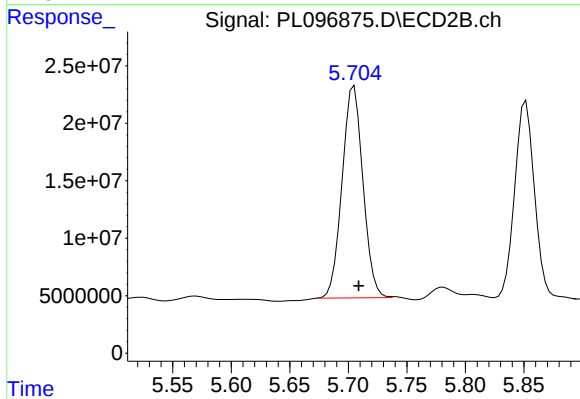
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 287803451
Conc: 48.73 ng/ml



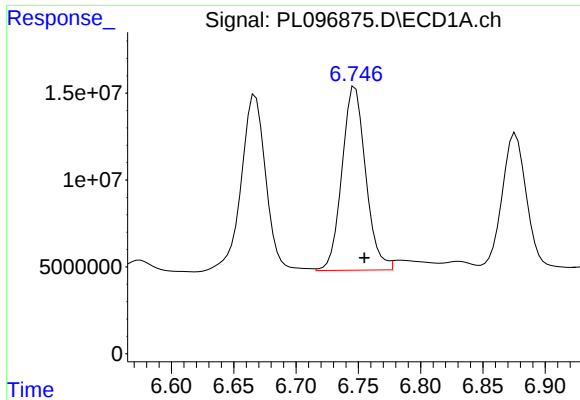
#14 Endrin

R.T.: 6.533 min
Delta R.T.: -0.009 min
Response: 130084165
Conc: 42.98 ng/ml m



#14 Endrin

R.T.: 5.704 min
Delta R.T.: -0.005 min
Response: 228713704
Conc: 42.31 ng/ml m



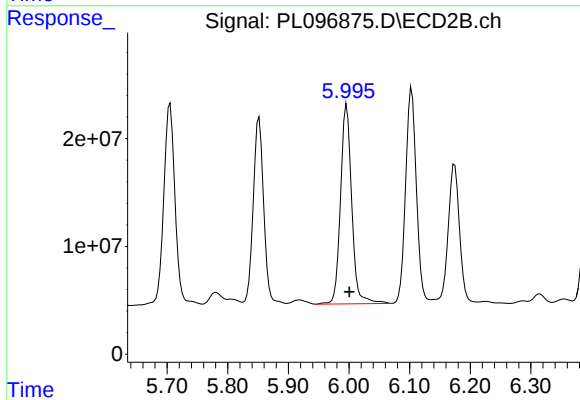
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 140544458
Conc: 43.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

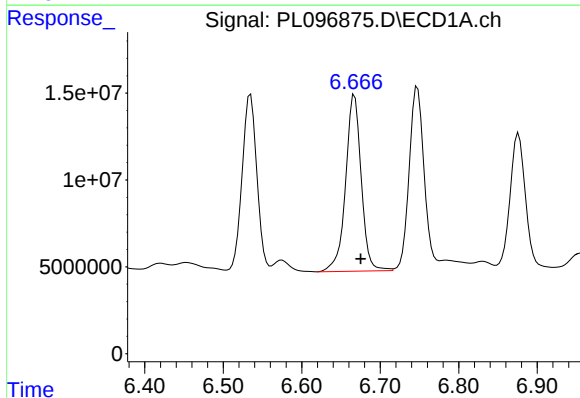
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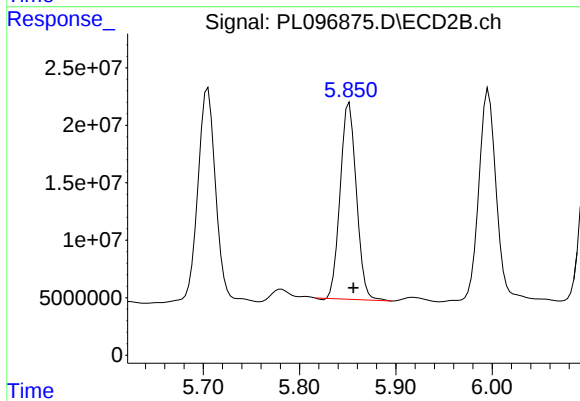
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 236893808
Conc: 46.12 ng/ml



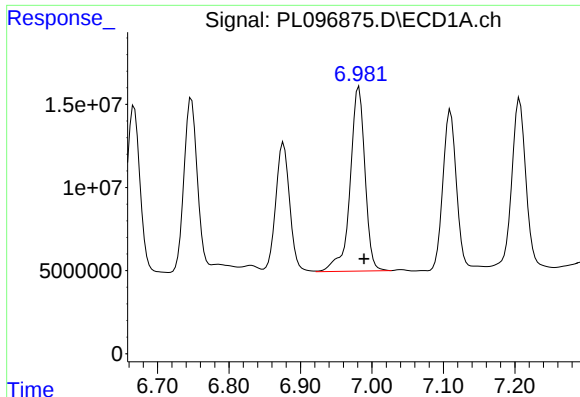
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: -0.008 min
Response: 140744679
Conc: 55.67 ng/ml



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 198481862
Conc: 42.18 ng/ml



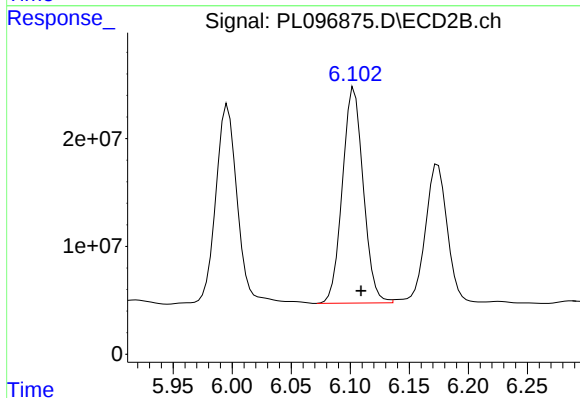
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.007 min
Response: 160247657
Conc: 55.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

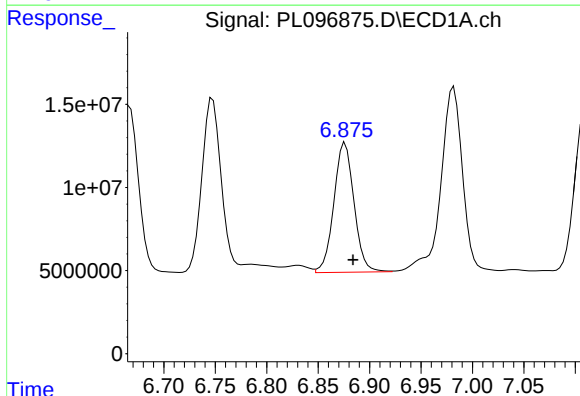
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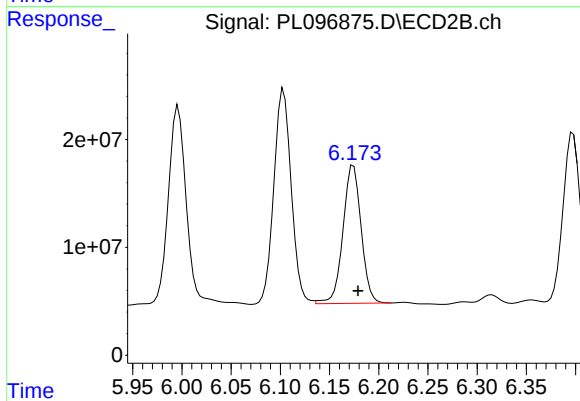
#17 4,4'-DDT

R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 245996791
Conc: 48.63 ng/ml



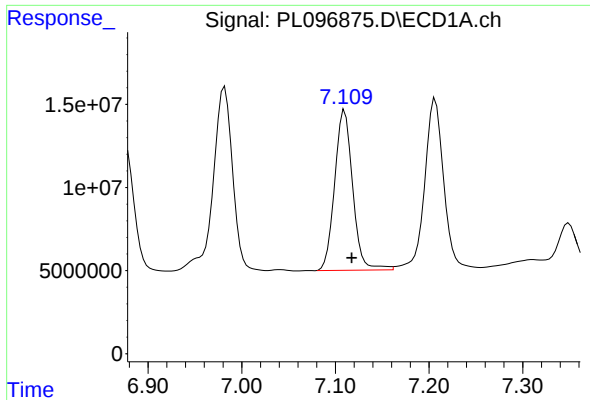
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: -0.008 min
Response: 106389725
Conc: 49.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 164625772
Conc: 45.29 ng/ml



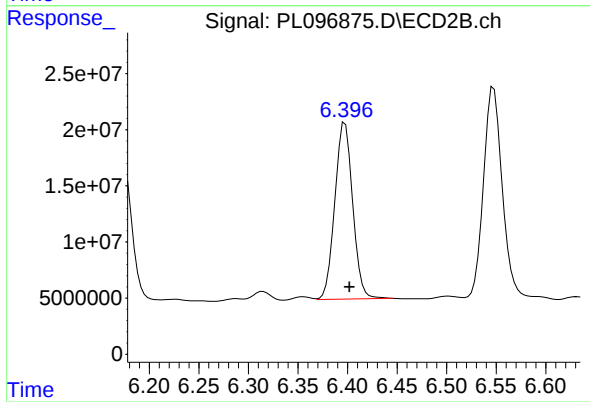
#19 Endosulfan Sulfate

R.T.: 7.110 min
Delta R.T.: -0.008 min
Response: 129208660
Conc: 44.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

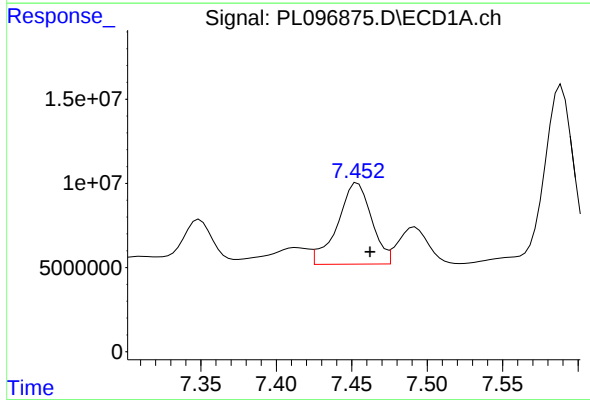
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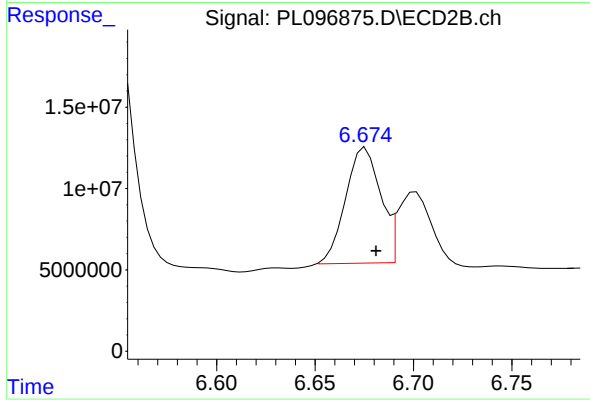
#19 Endosulfan Sulfate

R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 197274916
Conc: 38.79 ng/ml



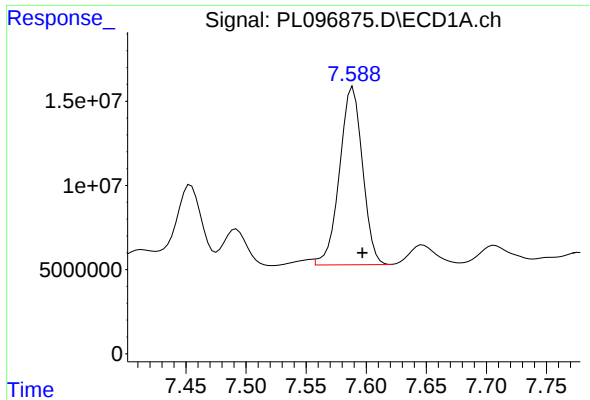
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: -0.008 min
Response: 75968130
Conc: 51.74 ng/ml



#20 Methoxychlor

R.T.: 6.676 min
Delta R.T.: -0.005 min
Response: 87720080
Conc: 32.01 ng/ml



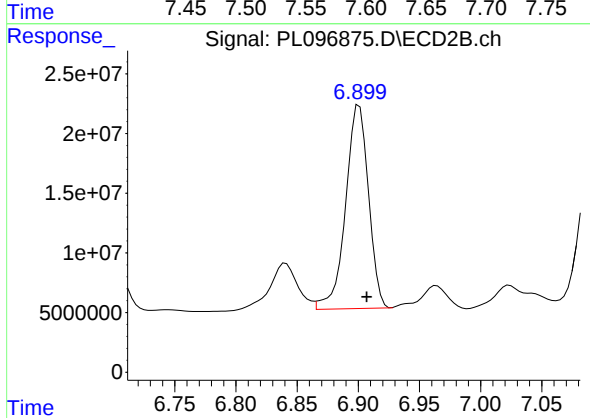
#21 Endrin ketone

R.T.: 7.588 min
Delta R.T.: -0.009 min
Response: 140522769
Conc: 46.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

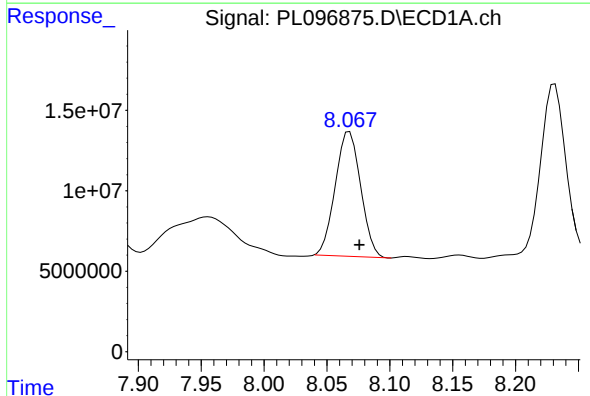
Manual Integrations
APPROVED

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



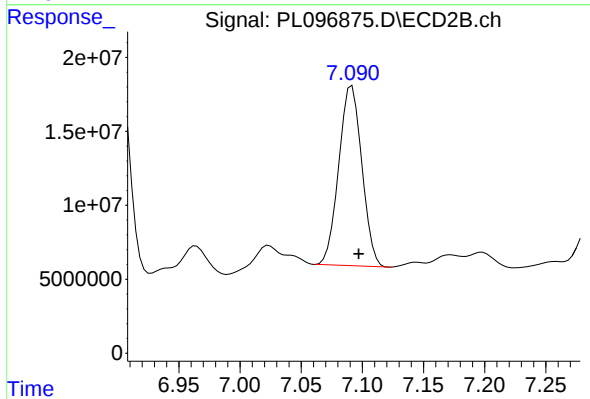
#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: -0.006 min
Response: 222290271
Conc: 39.91 ng/ml



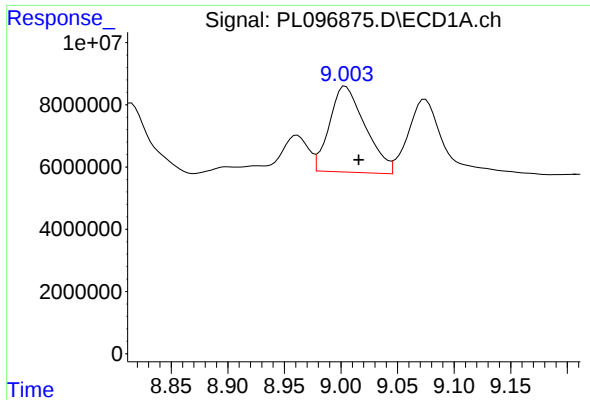
#22 Mirex

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 108967561
Conc: 43.95 ng/ml



#22 Mirex

R.T.: 7.091 min
Delta R.T.: -0.006 min
Response: 159765306
Conc: 36.64 ng/ml



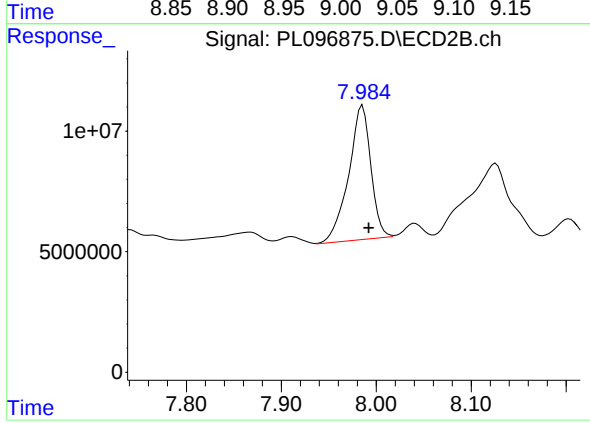
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.013 min
Response: 60932015
Conc: 25.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: -0.008 min
Response: 90398791
Conc: 20.84 ng/ml m