

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070925\
 Data File : PL096279.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2025 10:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/10/2025
 Supervised By : mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 06:38:55 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...	3.538	2.829	189.3E6	286.3E6	51.882	49.614
28)	SA Decachlor...	9.020	7.996	141.4E6	234.9E6	50.277	47.099
Target Compounds							
2)	A alpha-BHC	3.985	3.335	271.0E6	425.8E6	52.689	50.488
3)	MA gamma-BHC...	4.313	3.667	265.5E6	395.0E6	53.323	50.159
4)	MA Heptachlor	4.906	4.016	246.5E6	377.2E6	53.809	49.582
5)	MB Aldrin	5.245	4.300	251.6E6	365.9E6	52.053m	50.156
6)	B beta-BHC	4.499	3.963	108.6E6	168.4E6	52.227	49.171
7)	B delta-BHC	4.745	4.197	239.5E6	383.4E6	53.442	49.778
8)	B Heptachlo...	5.664	4.802	226.3E6	330.1E6	54.532m	49.380
9)	A Endosulfan I	6.047	5.173	210.4E6	307.0E6	52.106	42.787
10)	B gamma-Chl...	5.919	5.054	232.8E6	345.4E6	52.610	49.199
11)	B alpha-Chl...	6.000	5.118	227.0E6	338.8E6	51.849	45.055
12)	B 4,4'-DDE	6.170	5.307	190.7E6	319.8E6	51.425	49.479
13)	MA Dieldrin	6.319	5.438	218.7E6	337.4E6	51.732	49.485
14)	MA Endrin	6.546	5.712	163.8E6	294.0E6	52.670	48.217
15)	B Endosulfa...	6.758	6.004	186.1E6	285.8E6	53.641	48.741
16)	A 4,4'-DDD	6.678	5.859	153.5E6	253.2E6	52.715	49.367
17)	MA 4,4'-DDT	6.993	6.112	161.0E6	273.9E6	53.039	47.750
18)	B Endrin al...	6.886	6.182	129.6E6	212.4E6	57.989	47.689
19)	B Endosulfa...	7.120	6.406	160.3E6	272.8E6	52.419	48.501
20)	A Methoxychlor	7.465	6.684	79552164	143.7E6	50.497	47.316
21)	B Endrin ke...	7.600	6.910	173.1E6	301.8E6	52.437	48.273
22)	Mirex	8.079	7.101	139.6E6	234.8E6	50.185	47.269

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070925\
Data File : PL096279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 10:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

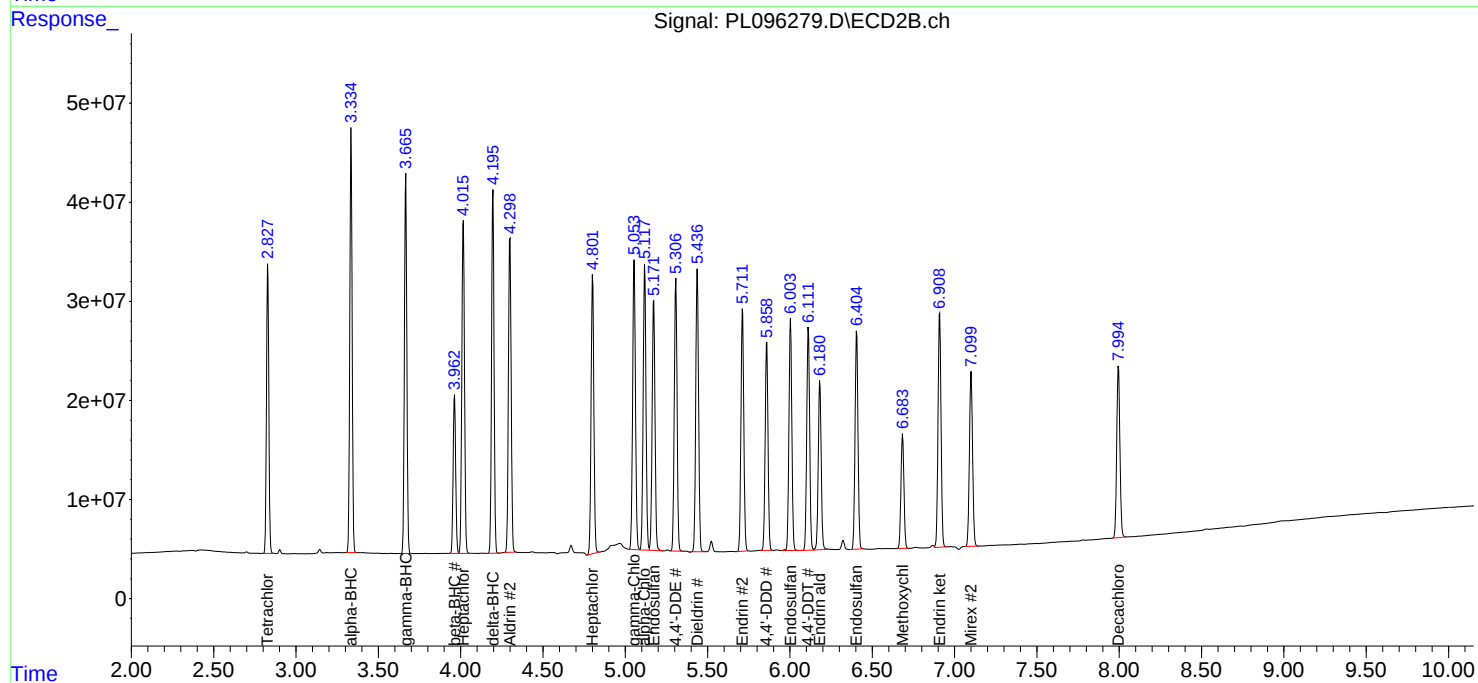
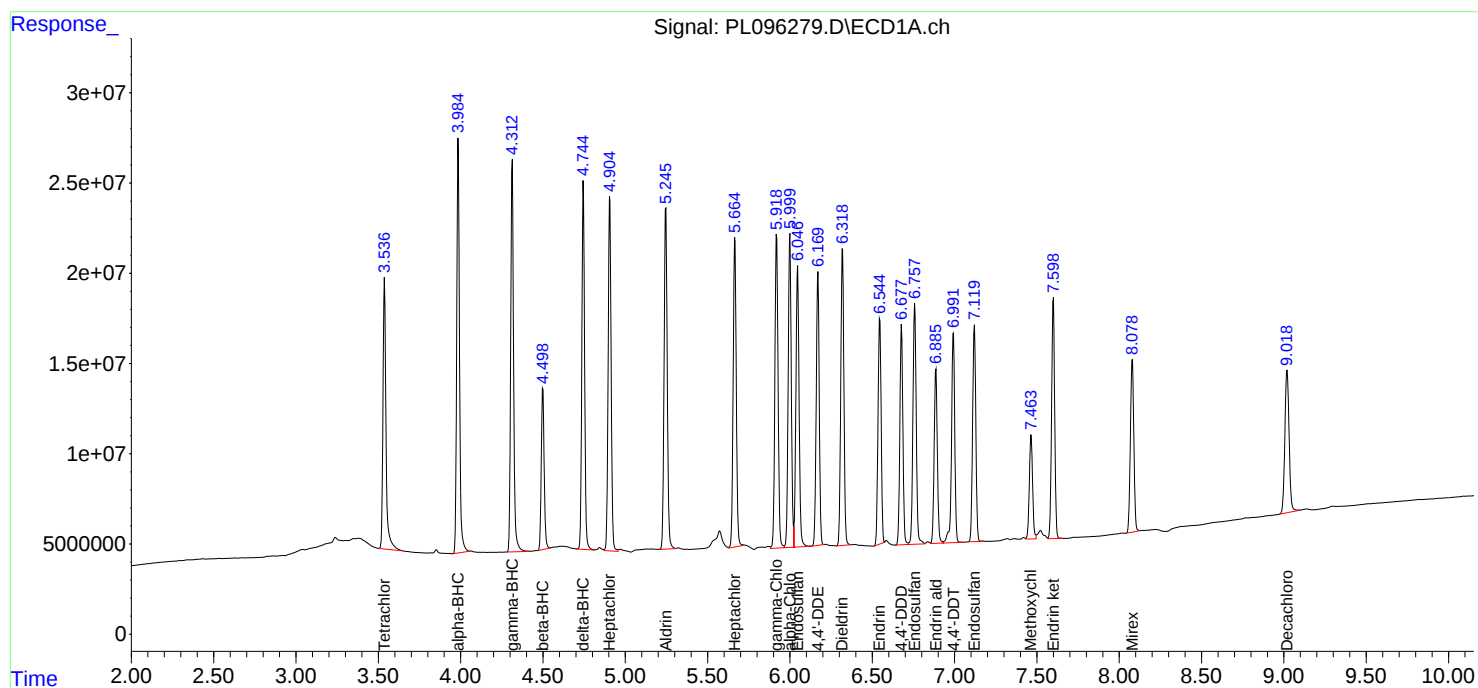
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

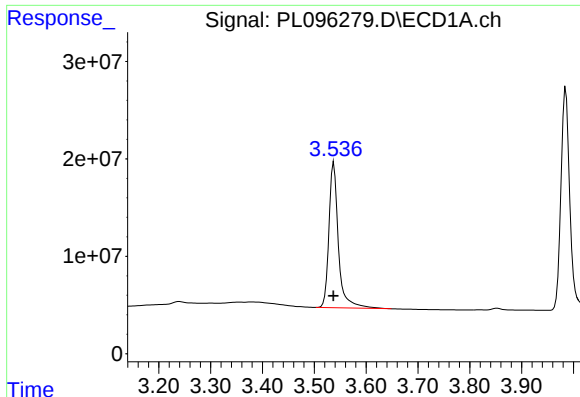
Manual Integrations
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Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 06:38:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
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Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





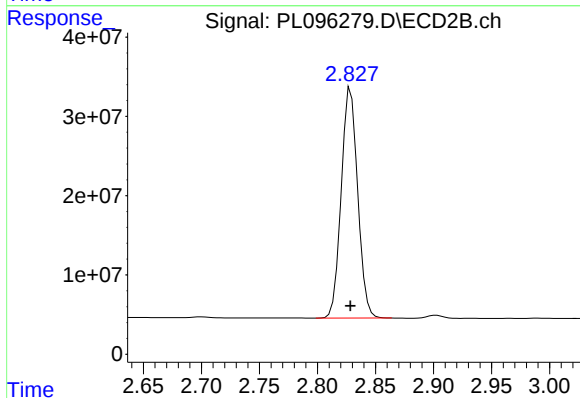
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 189314593
Conc: 51.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

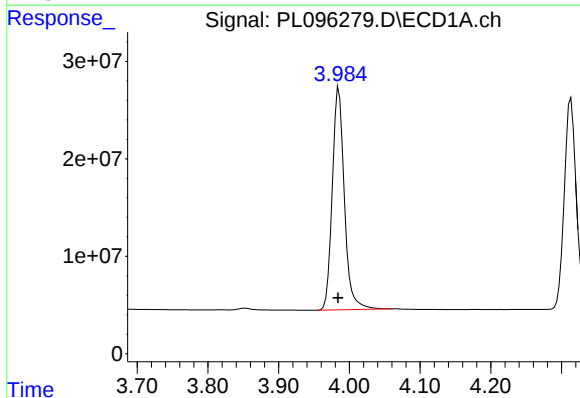
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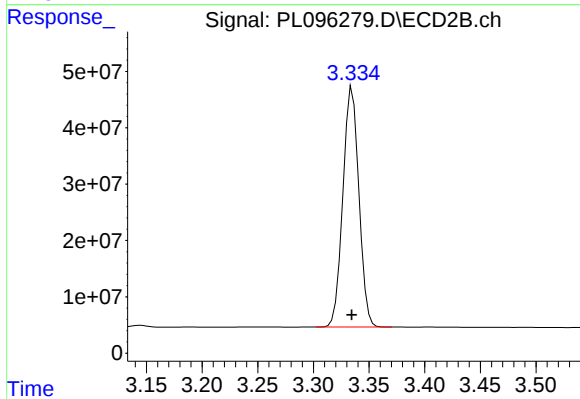
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 286332664
Conc: 49.61 ng/ml



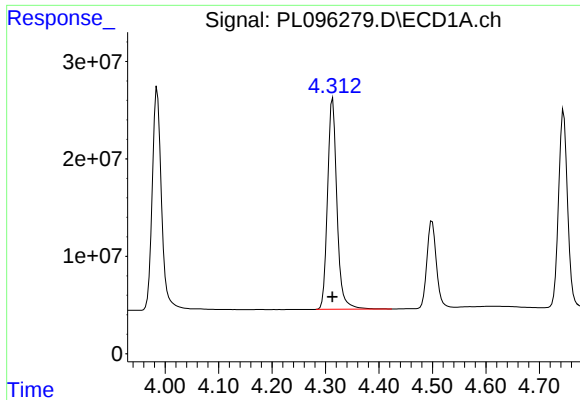
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 270987688
Conc: 52.69 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 425829906
Conc: 50.49 ng/ml



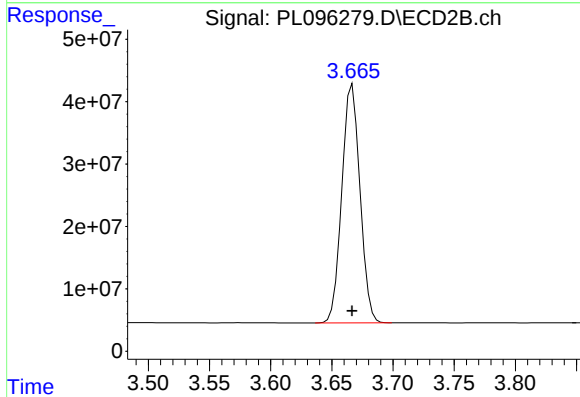
#3 gamma-BHC (Lindane)

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 265530614
Conc: 53.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

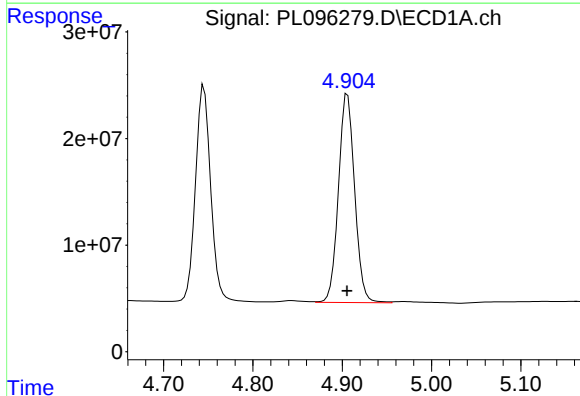
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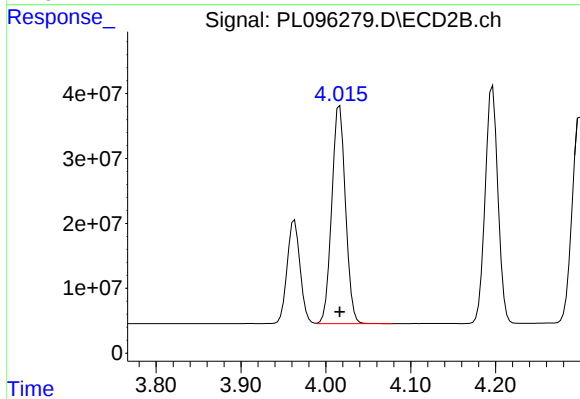
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 395045885
Conc: 50.16 ng/ml



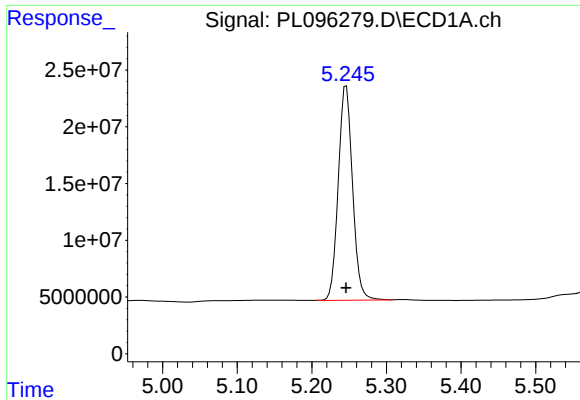
#4 Heptachlor

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 246510734
Conc: 53.81 ng/ml



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 377204426
Conc: 49.58 ng/ml



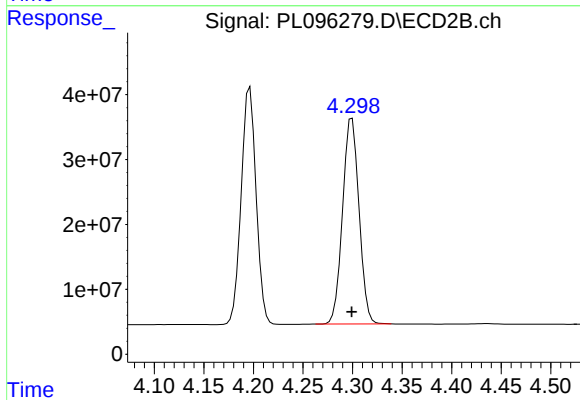
#5 Aldrin

R.T.: 5.245 min
Delta R.T.: -0.001 min
Response: 251611327
Conc: 52.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

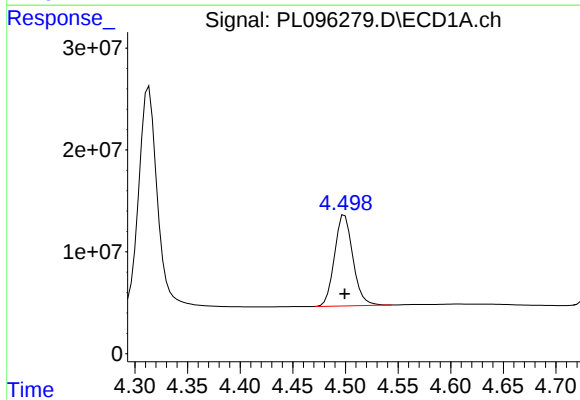
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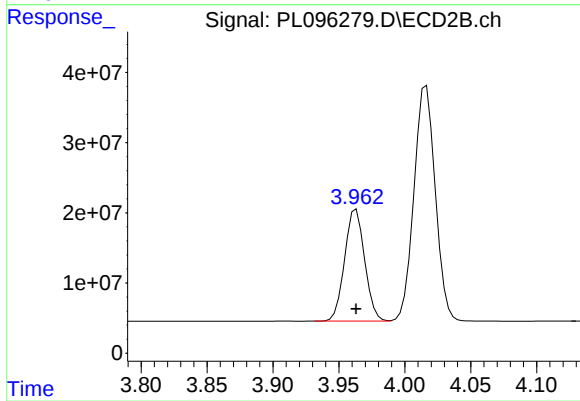
#5 Aldrin

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 365920346
Conc: 50.16 ng/ml



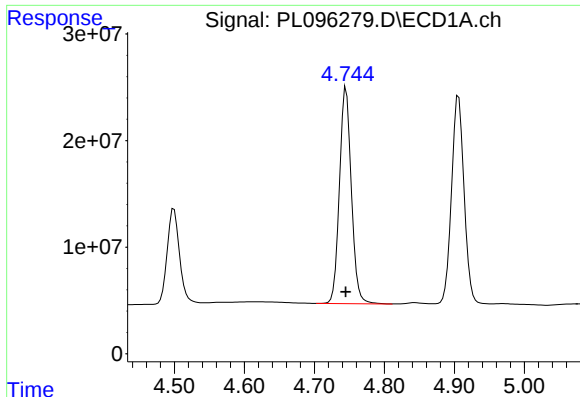
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 108568394
Conc: 52.23 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 168357336
Conc: 49.17 ng/ml



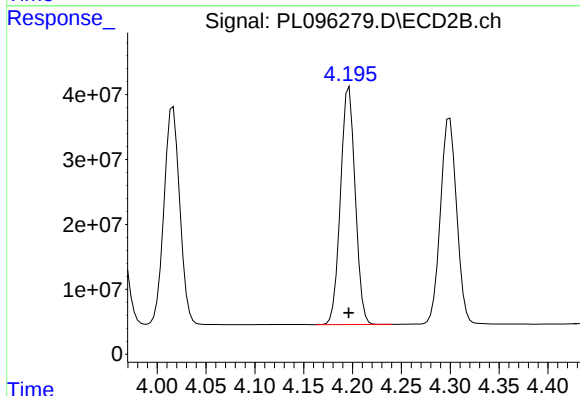
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 239492524
Conc: 53.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

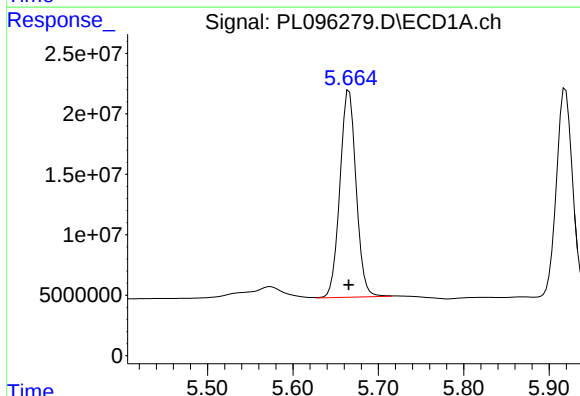
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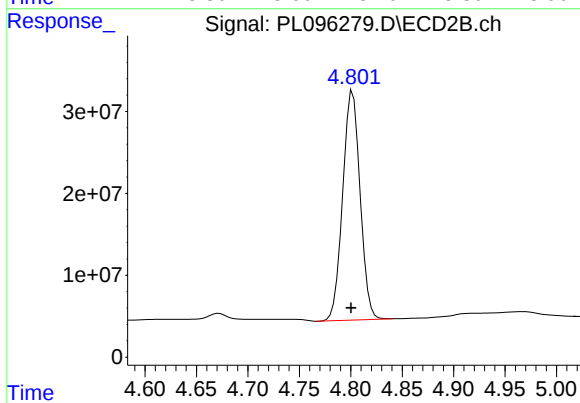
#7 delta-BHC

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 383387214
Conc: 49.78 ng/ml



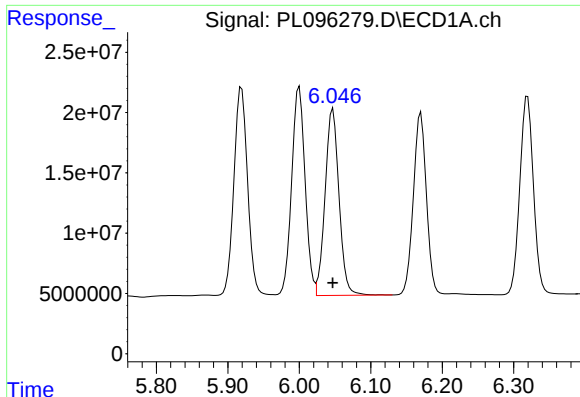
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 226263748
Conc: 54.53 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.802 min
Delta R.T.: 0.002 min
Response: 330099838
Conc: 49.38 ng/ml



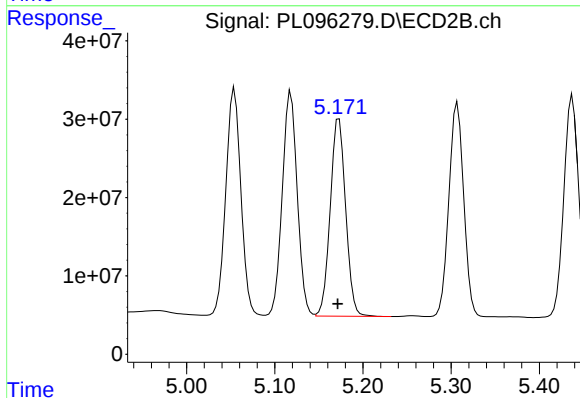
#9 Endosulfan I

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 210363932
Conc: 52.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

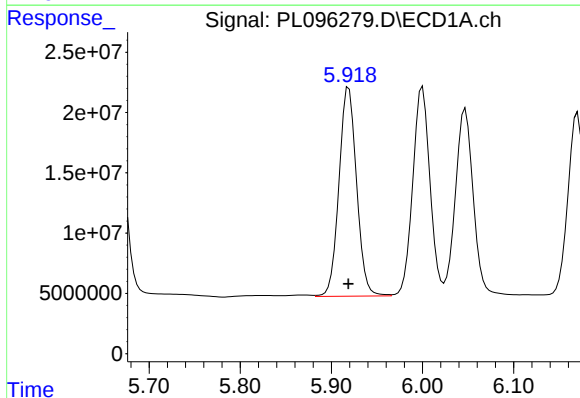
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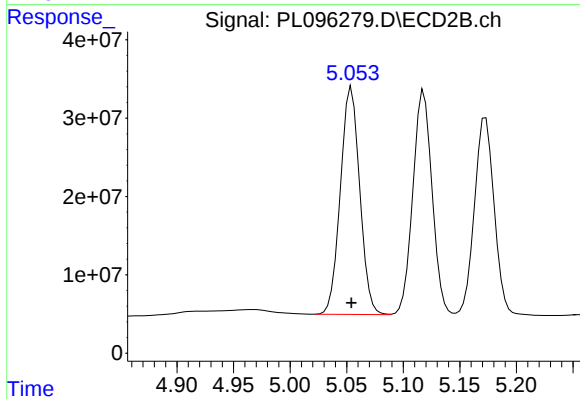
#9 Endosulfan I

R.T.: 5.173 min
Delta R.T.: 0.001 min
Response: 306961213
Conc: 42.79 ng/ml



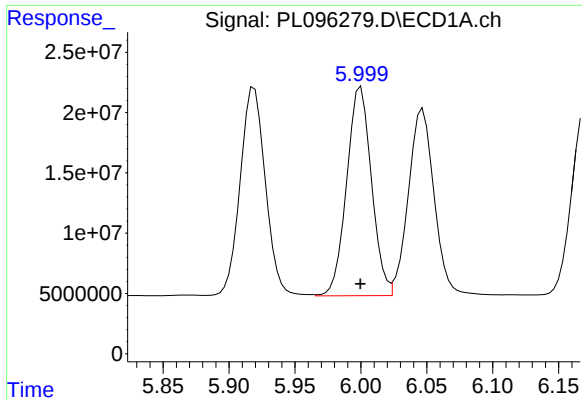
#10 gamma-Chlordane

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 232787782
Conc: 52.61 ng/ml



#10 gamma-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 345364125
Conc: 49.20 ng/ml



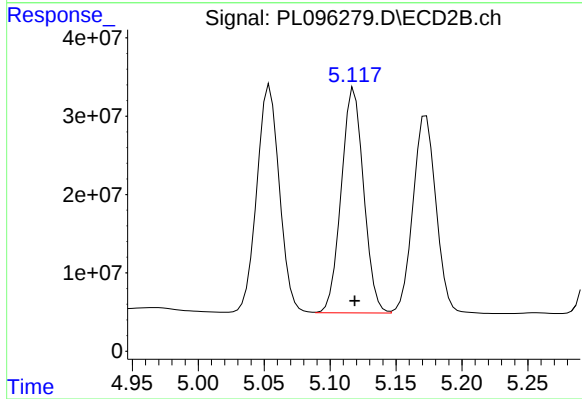
#11 alpha-Chlordane

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 227039035
Conc: 51.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

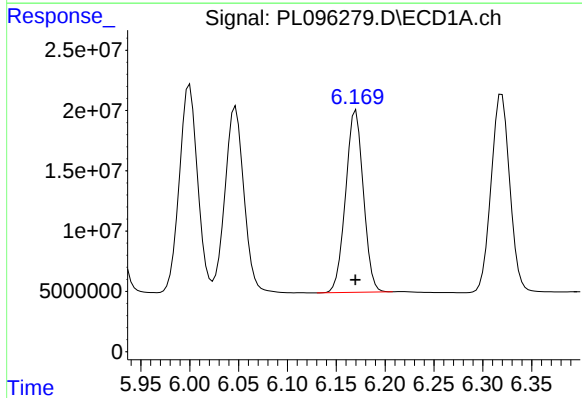
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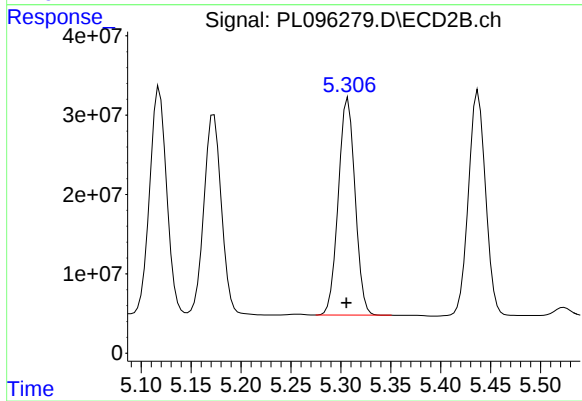
#11 alpha-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 338827485
Conc: 45.06 ng/ml



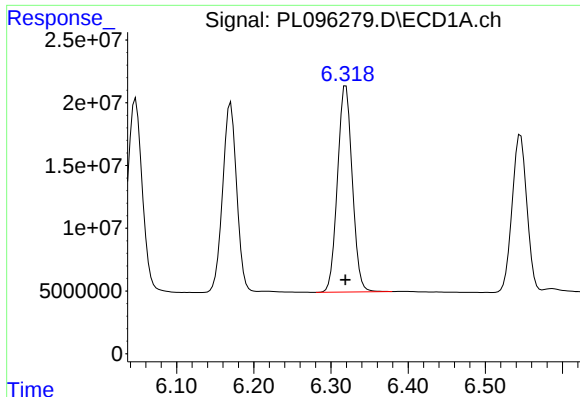
#12 4,4'-DDE

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 190656973
Conc: 51.43 ng/ml



#12 4,4'-DDE

R.T.: 5.307 min
Delta R.T.: 0.002 min
Response: 319813639
Conc: 49.48 ng/ml



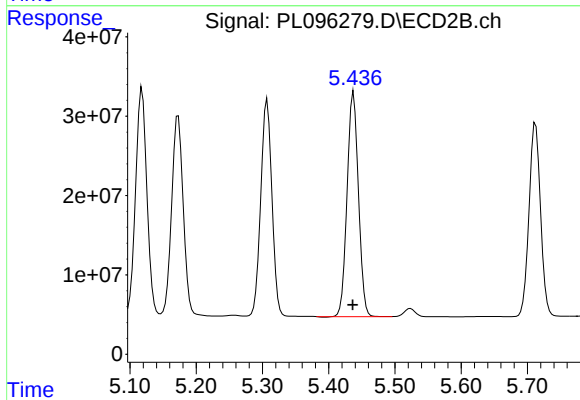
#13 Dieldrin

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 218745557
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

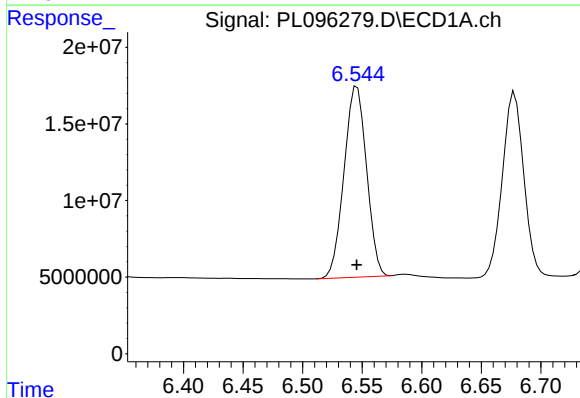
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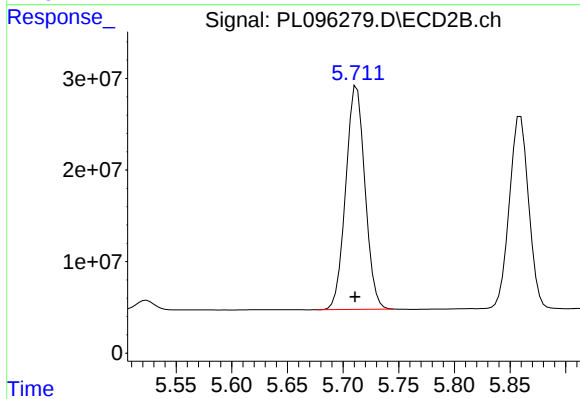
#13 Dieldrin

R.T.: 5.438 min
Delta R.T.: 0.001 min
Response: 337448677
Conc: 49.48 ng/ml



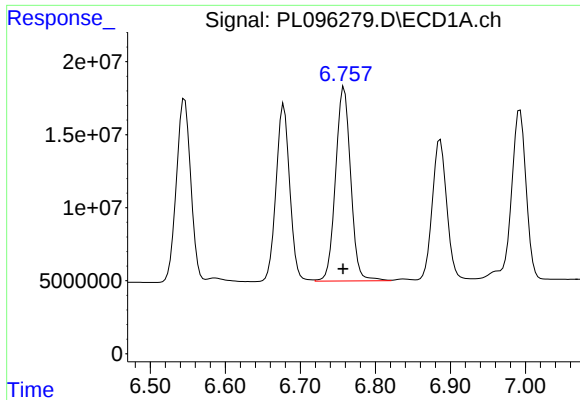
#14 Endrin

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 163814177
Conc: 52.67 ng/ml



#14 Endrin

R.T.: 5.712 min
Delta R.T.: 0.002 min
Response: 293953563
Conc: 48.22 ng/ml



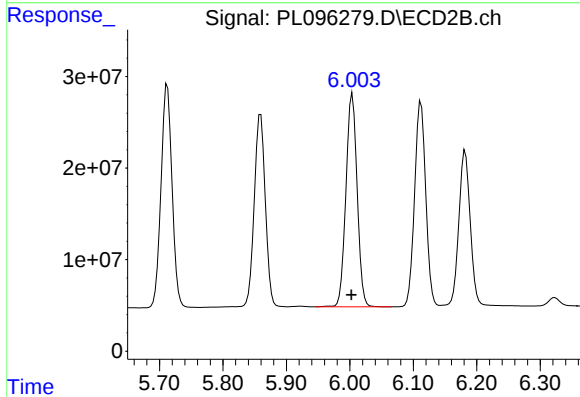
#15 Endosulfan II

R.T.: 6.758 min
Delta R.T.: 0.001 min
Response: 186135890
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

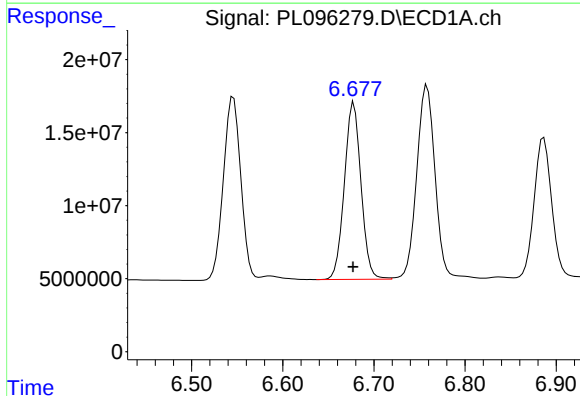
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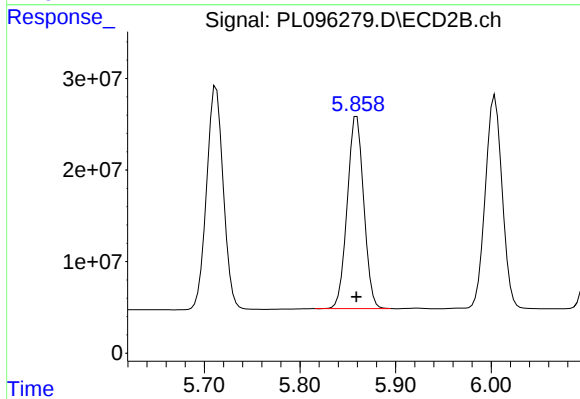
#15 Endosulfan II

R.T.: 6.004 min
Delta R.T.: 0.001 min
Response: 285814025
Conc: 48.74 ng/ml



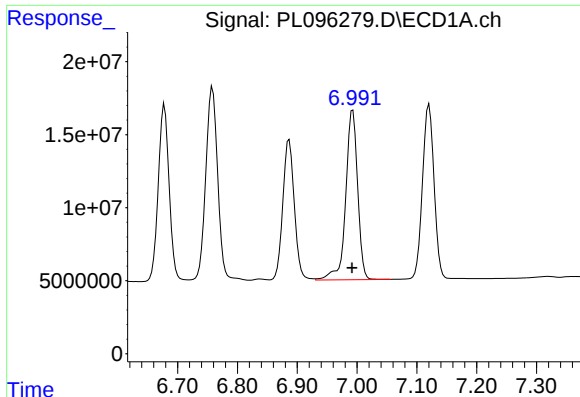
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 153490496
Conc: 52.72 ng/ml



#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 253187665
Conc: 49.37 ng/ml



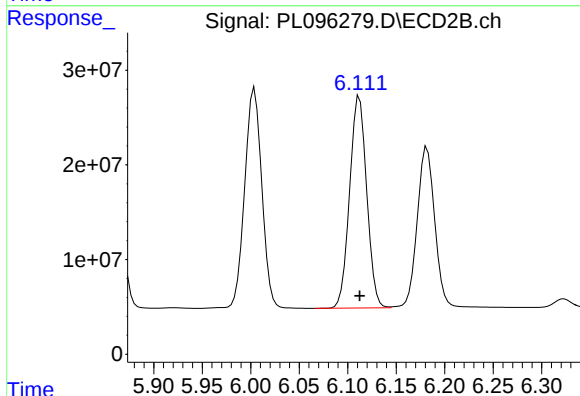
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 160983288
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

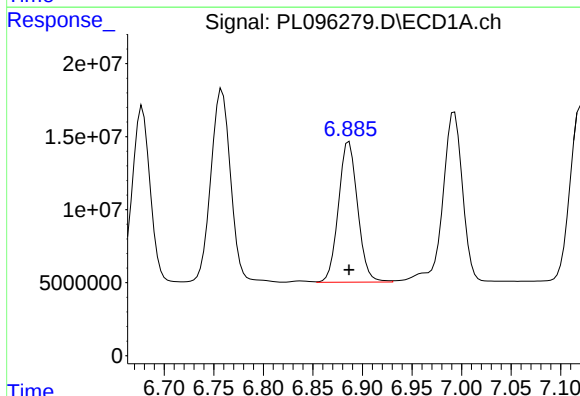
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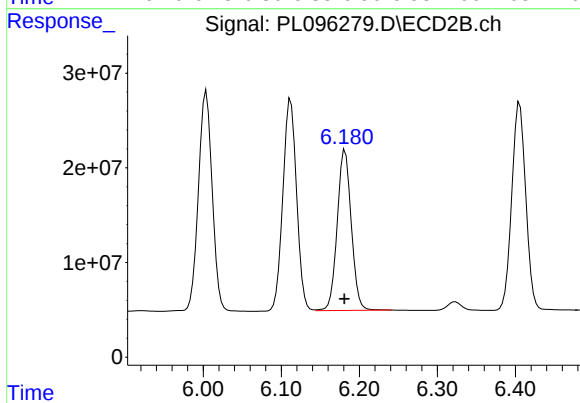
#17 4,4'-DDT

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 273853447
Conc: 47.75 ng/ml



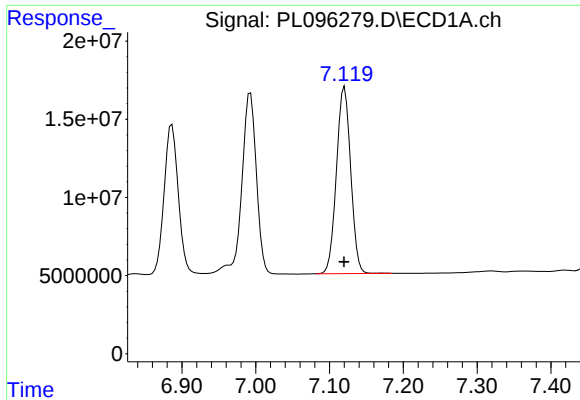
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 129637222
Conc: 57.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 212435391
Conc: 47.69 ng/ml



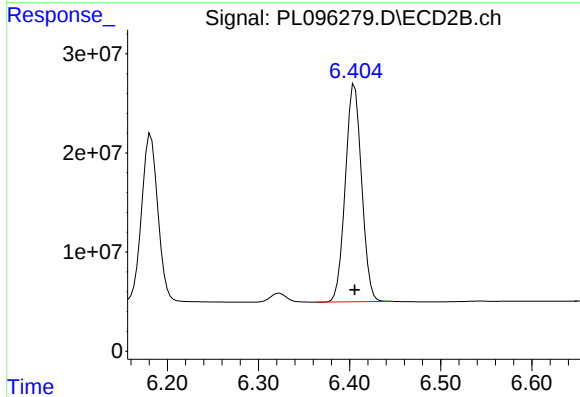
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 160340447
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

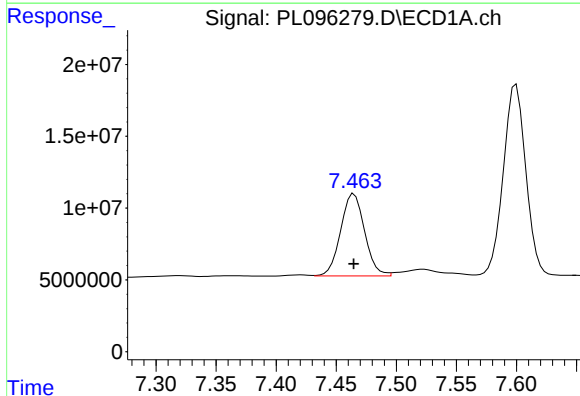
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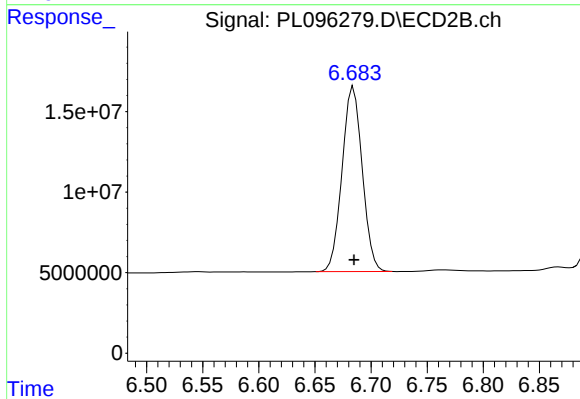
#19 Endosulfan Sulfate

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 272786932
Conc: 48.50 ng/ml



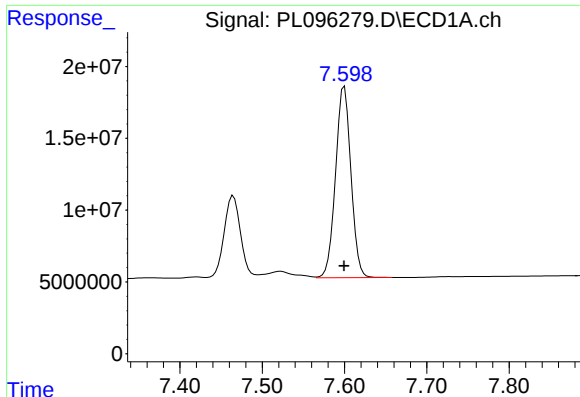
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 79552164
Conc: 50.50 ng/ml



#20 Methoxychlor

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 143734058
Conc: 47.32 ng/ml



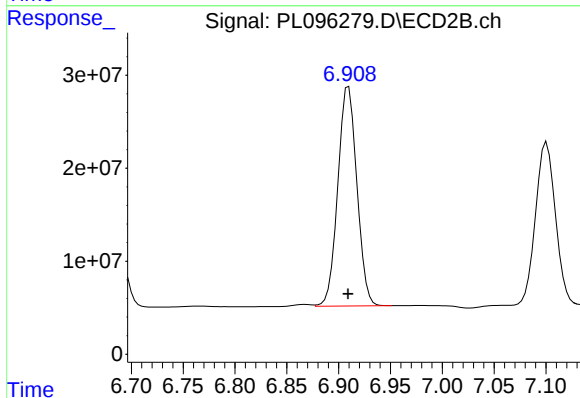
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 173129369
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

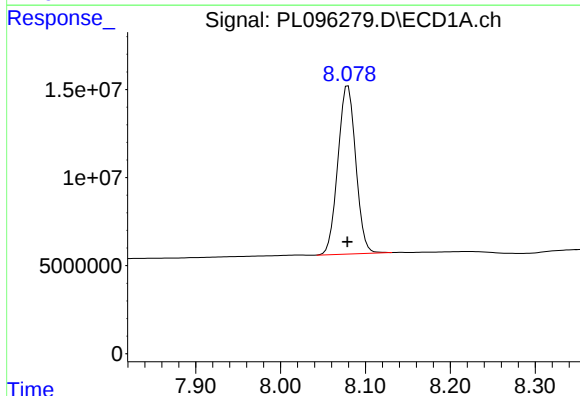
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



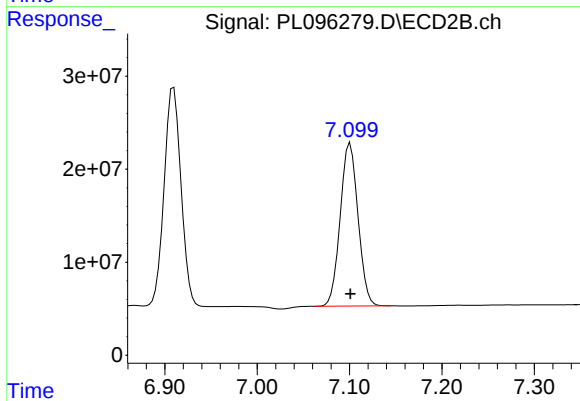
#21 Endrin ketone

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 301811900
Conc: 48.27 ng/ml



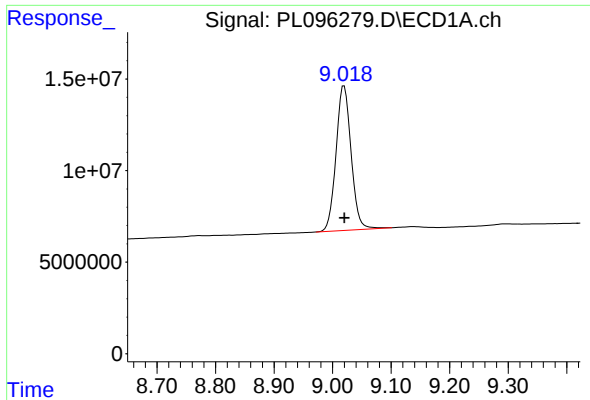
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 139626682
Conc: 50.19 ng/ml



#22 Mirex

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 234841457
Conc: 47.27 ng/ml



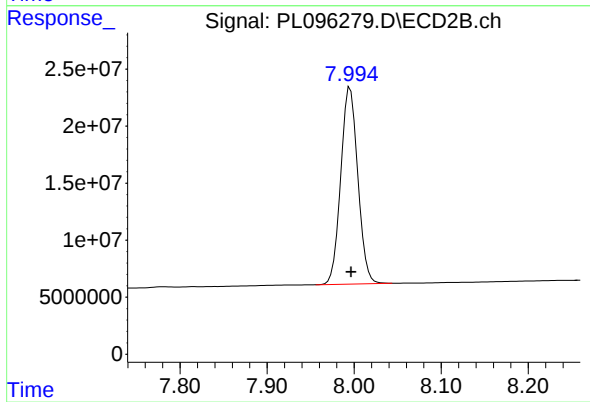
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 141432052
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: -0.001 min
Response: 234857079
Conc: 47.10 ng/ml