

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103025\
 Data File : PL097697.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2025 16:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/31/2025
 Supervised By :Yogesh Patel 10/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 23:20:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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...	3.524	2.822	238.3E6	338.5E6	58.235	56.235
28)	SA Decachlor...	9.000	7.982	148.5E6	218.3E6	49.911	40.847
Target Compounds							
2)	A alpha-BHC	3.971	3.327	395.3E6	563.1E6	58.176	57.879
3)	MA gamma-BHC...	4.299	3.658	366.8E6	516.9E6	57.421	57.058
4)	MA Heptachlor	4.890	4.006	359.5E6	503.8E6	56.213	55.580
5)	MB Aldrin	5.229	4.288	335.1E6	482.1E6	54.895	56.079
6)	B beta-BHC	4.487	3.955	149.2E6	216.5E6	57.234	54.784
7)	B delta-BHC	4.733	4.187	343.7E6	506.6E6	57.805	56.450
8)	B Heptachlo...	5.649	4.790	298.0E6	424.2E6	51.110	54.022
9)	A Endosulfan I	6.031	5.161	262.7E6	392.2E6	52.085	52.092
10)	B gamma-Chl...	5.903	5.042	292.4E6	458.4E6	53.331	52.968
11)	B alpha-Chl...	5.983	5.106	286.6E6	439.3E6	52.201	52.909
12)	B 4,4'-DDE	6.154	5.295	248.7E6	409.2E6	54.192	53.379
13)	MA Dieldrin	6.303	5.426	281.4E6	432.8E6	52.483	53.830
14)	MA Endrin	6.529	5.700	230.9E6	374.2E6	51.551m	53.480
15)	B Endosulfa...	6.744	5.992	233.5E6	347.8E6	51.279	49.524
16)	A 4,4'-DDD	6.664	5.847	205.2E6	333.0E6	57.397	51.948
17)	MA 4,4'-DDT	6.978	6.100	204.8E6	324.4E6	50.795	47.158
18)	B Endrin al...	6.872	6.171	169.1E6	261.0E6	51.385	45.351
19)	B Endosulfa...	7.106	6.394	204.0E6	321.8E6	52.178	47.697
20)	A Methoxychlor	7.451	6.672	99048159	164.5E6	48.534	44.266
21)	B Endrin ke...	7.586	6.898	218.8E6	345.6E6	52.561	46.425
22)	Mirex	8.064	7.088	145.9E6	233.8E6	47.316	42.435

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103025\
Data File : PL097697.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Oct 2025 16:31
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

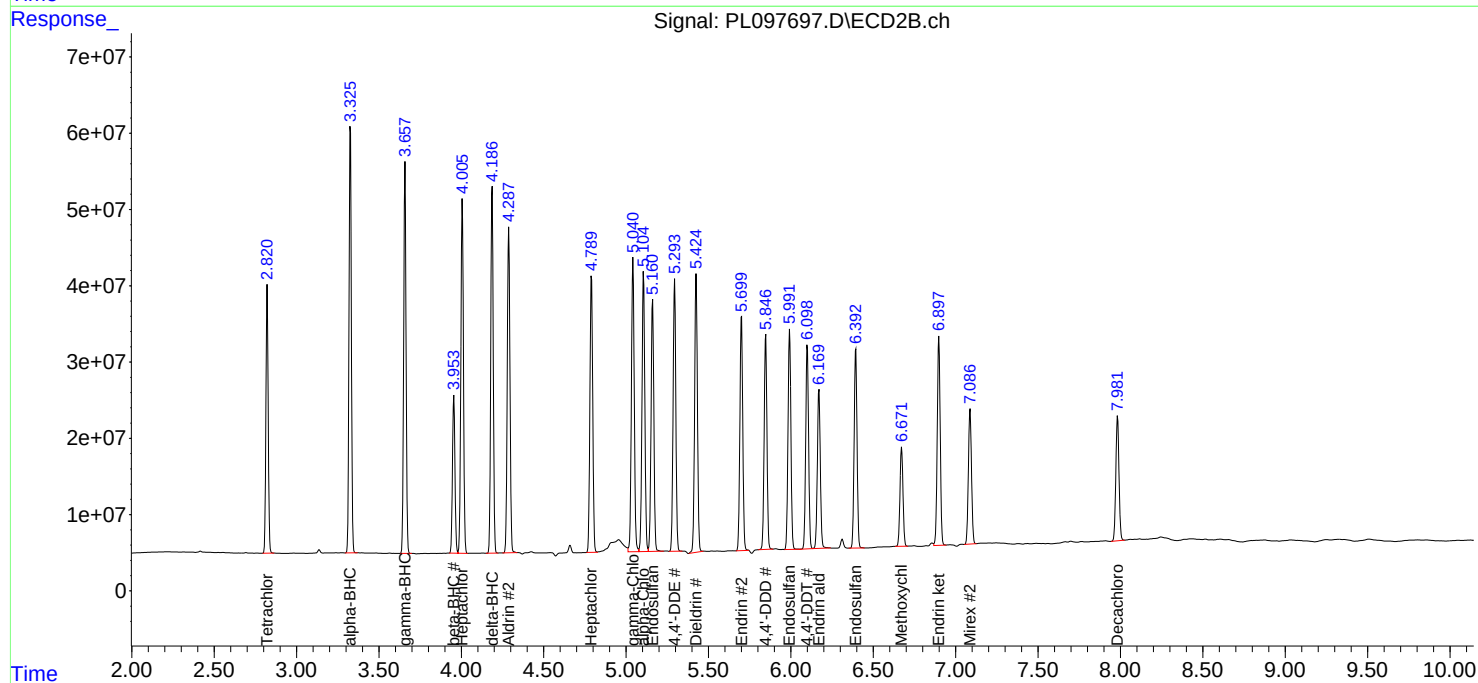
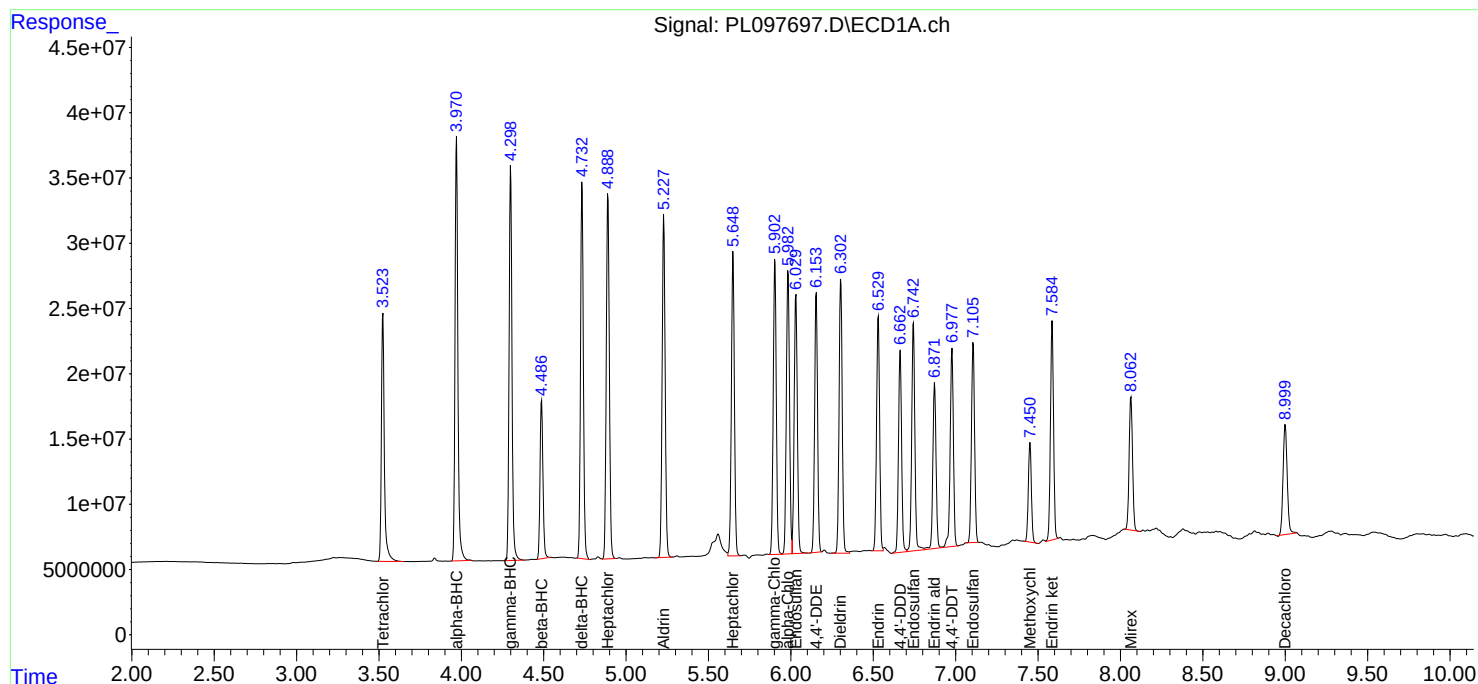
APPROVED

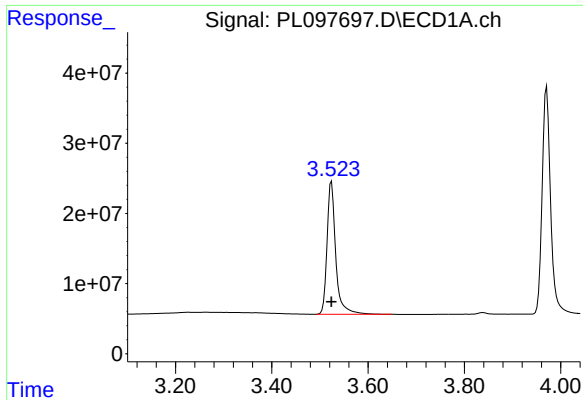
Reviewed By :Rahul Chavli 10/31/2025

Supervised By :Yogesh Patel 10/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 23:20:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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





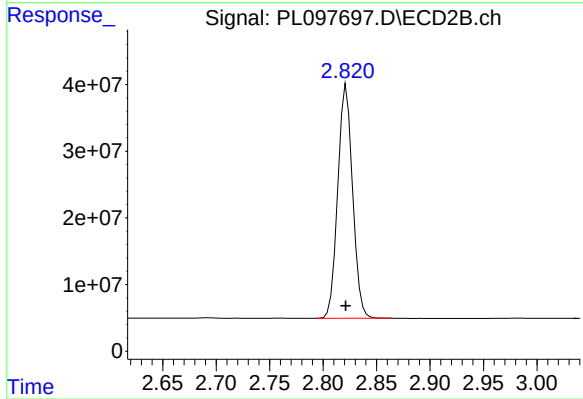
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 238289469
Conc: 58.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

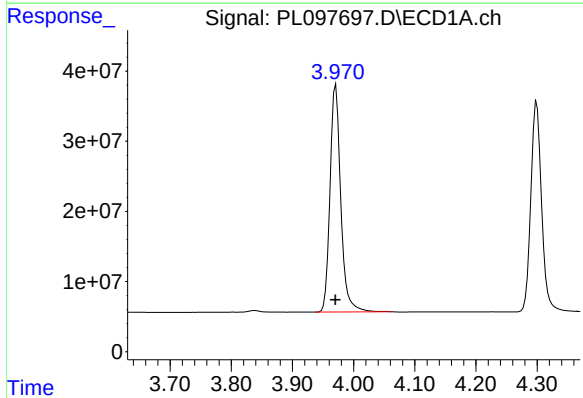
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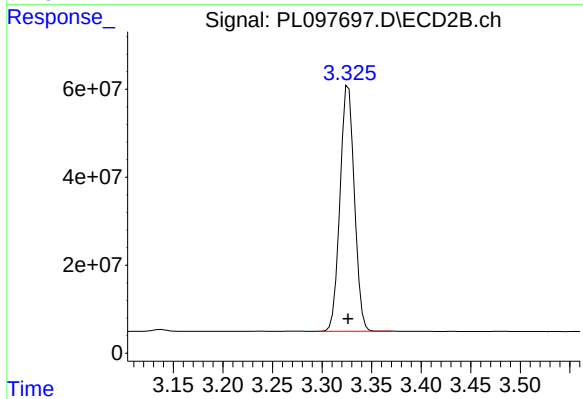
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 338476913
Conc: 56.23 ng/ml



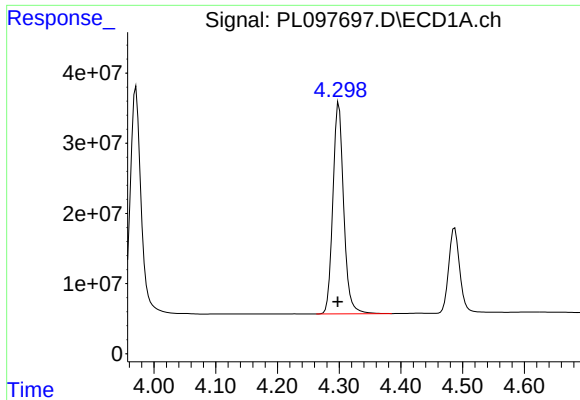
#2 alpha-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 395260432
Conc: 58.18 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: 0.000 min
Response: 563102148
Conc: 57.88 ng/ml



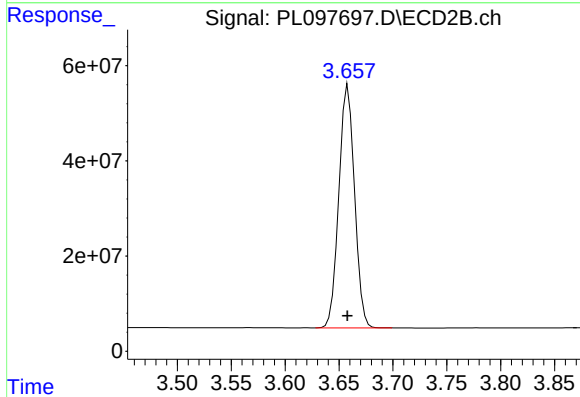
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: 0.002 min
Response: 366848572
Conc: 57.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

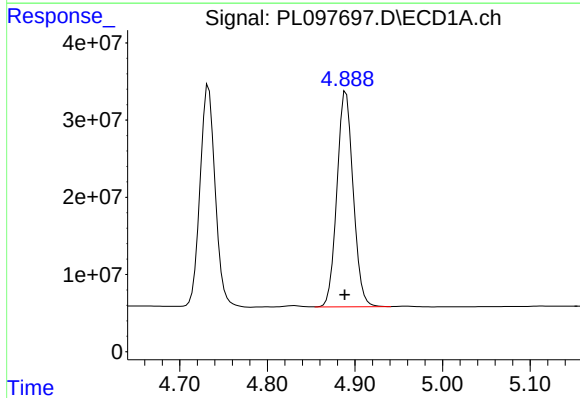
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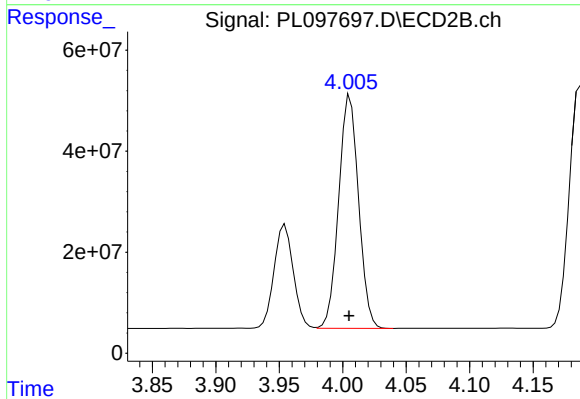
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: 0.000 min
Response: 516892195
Conc: 57.06 ng/ml



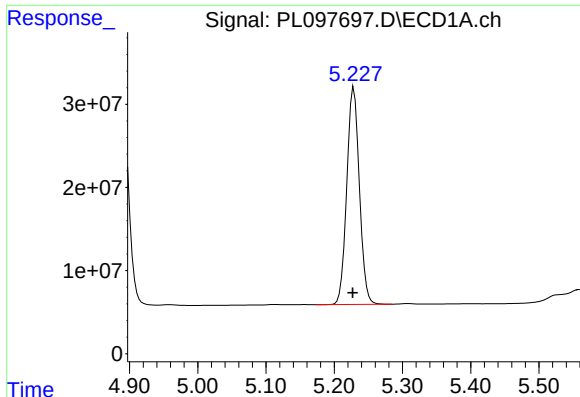
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: 0.002 min
Response: 359484367
Conc: 56.21 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 503849003
Conc: 55.58 ng/ml



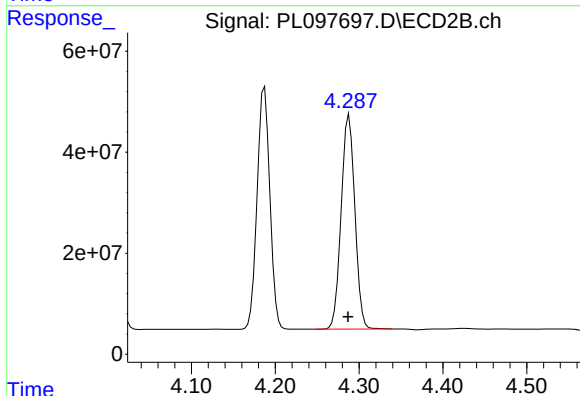
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: 0.002 min
Response: 335136896
Conc: 54.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

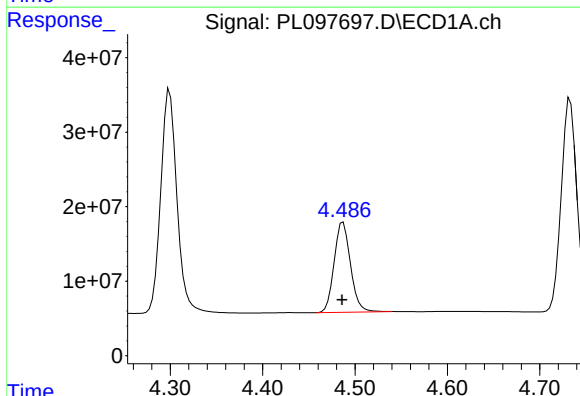
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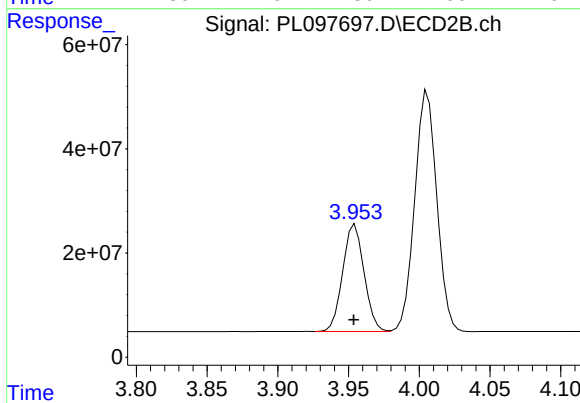
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: 0.001 min
Response: 482115332
Conc: 56.08 ng/ml



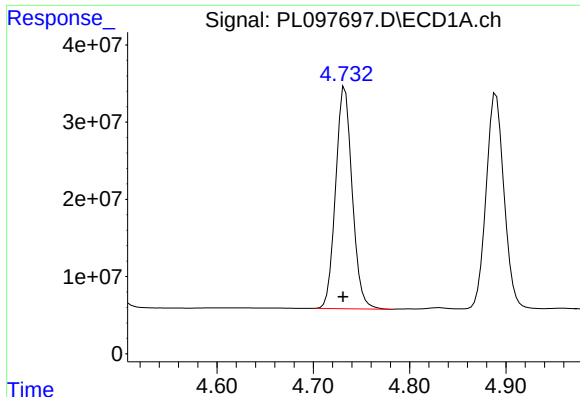
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.001 min
Response: 149163174
Conc: 57.23 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 216466946
Conc: 54.78 ng/ml



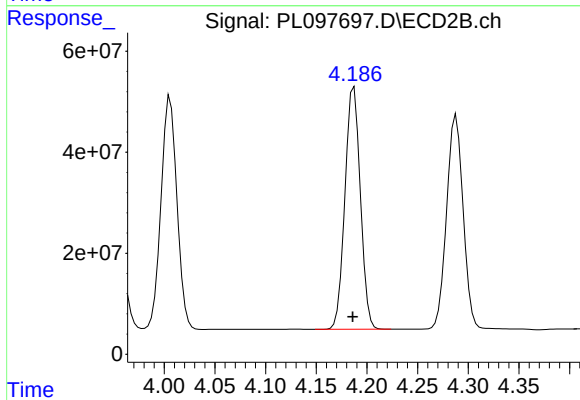
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: 0.002 min
Response: 343653656
Conc: 57.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

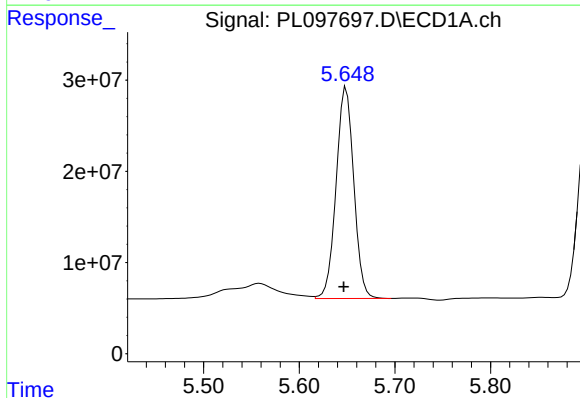
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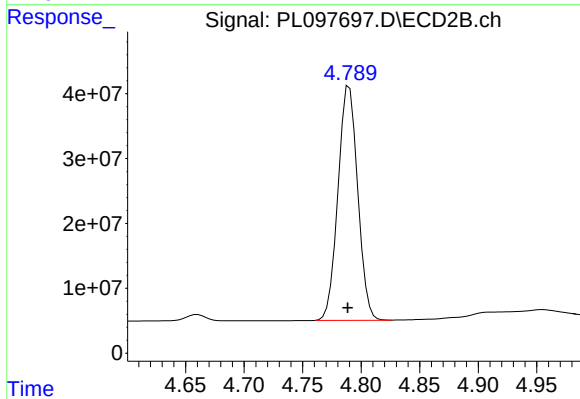
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: 0.001 min
Response: 506635049
Conc: 56.45 ng/ml



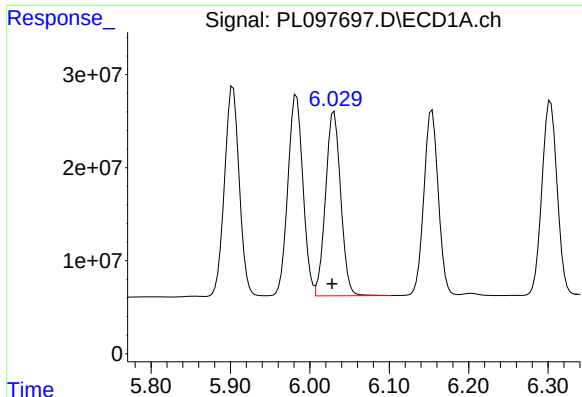
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: 0.002 min
Response: 298041296
Conc: 51.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: 0.001 min
Response: 424173016
Conc: 54.02 ng/ml



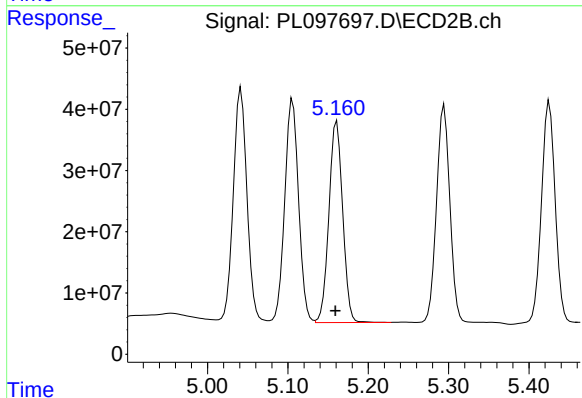
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 262666328
Conc: 52.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

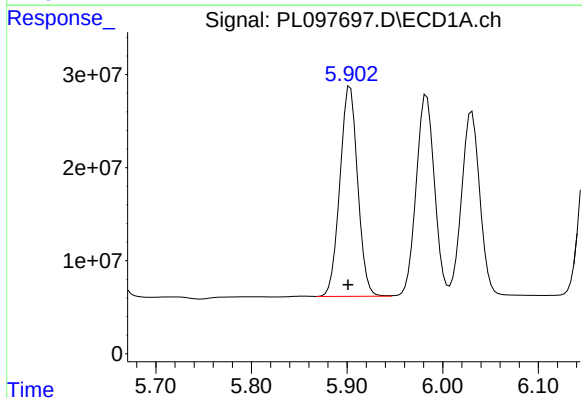
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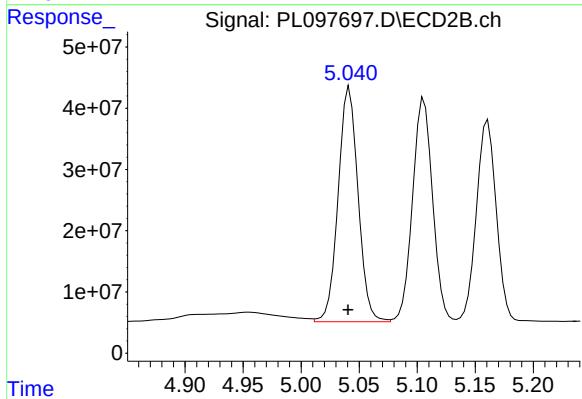
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: 0.002 min
Response: 392173752
Conc: 52.09 ng/ml



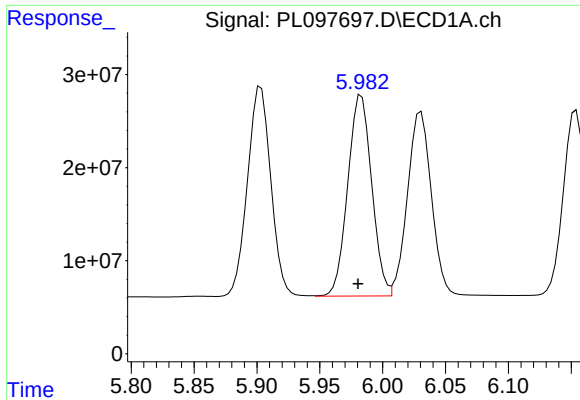
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: 0.002 min
Response: 292368042
Conc: 53.33 ng/ml



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.001 min
Response: 458407829
Conc: 52.97 ng/ml



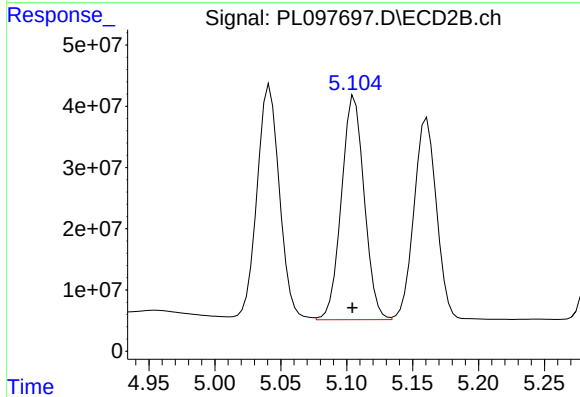
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: 0.003 min
Response: 286567493
Conc: 52.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

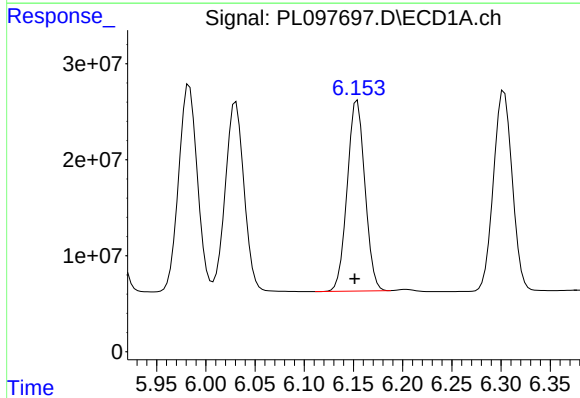
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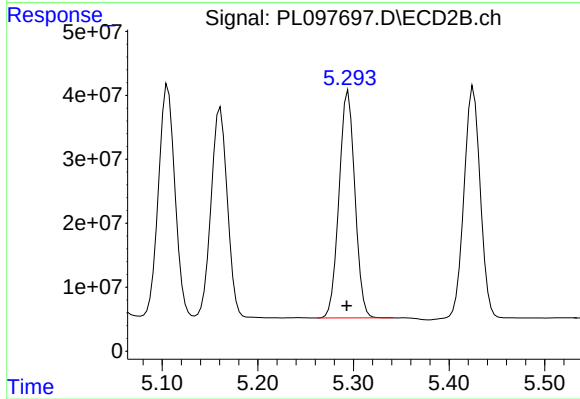
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: 0.002 min
Response: 439318794
Conc: 52.91 ng/ml



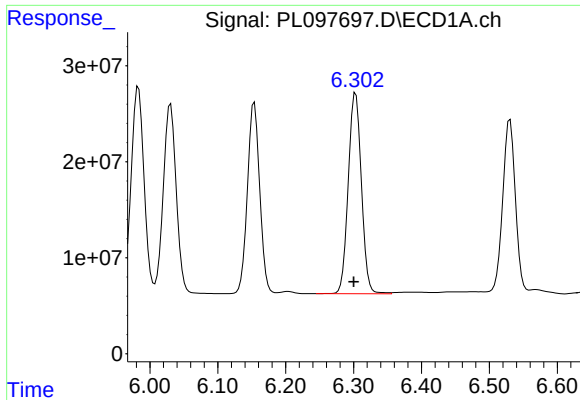
#12 4,4'-DDE

R.T.: 6.154 min
Delta R.T.: 0.003 min
Response: 248713991
Conc: 54.19 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: 0.002 min
Response: 409166020
Conc: 53.38 ng/ml



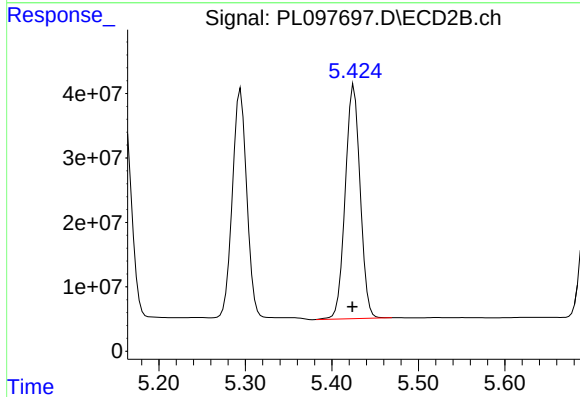
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: 0.003 min
Response: 281388530
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

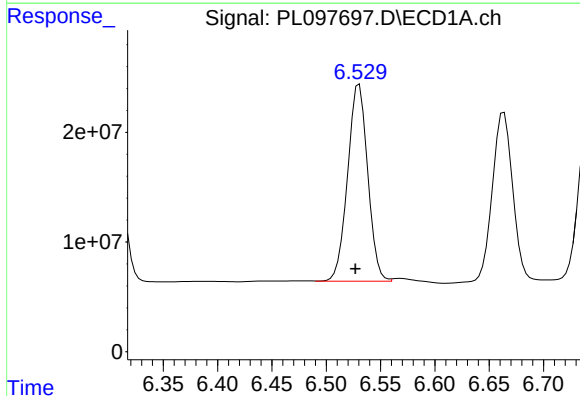
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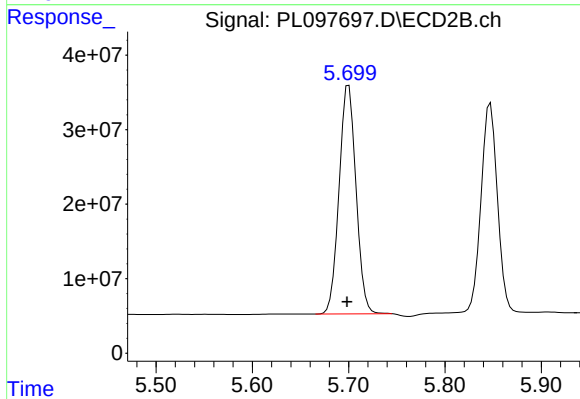
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: 0.002 min
Response: 432763745
Conc: 53.83 ng/ml



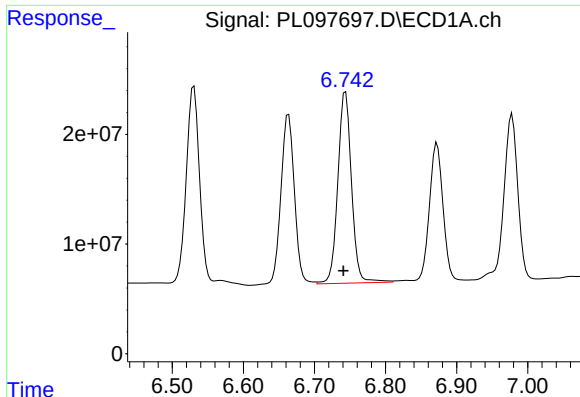
#14 Endrin

R.T.: 6.529 min
Delta R.T.: 0.002 min
Response: 230935578
Conc: 51.55 ng/ml m



#14 Endrin

R.T.: 5.700 min
Delta R.T.: 0.002 min
Response: 374175546
Conc: 53.48 ng/ml



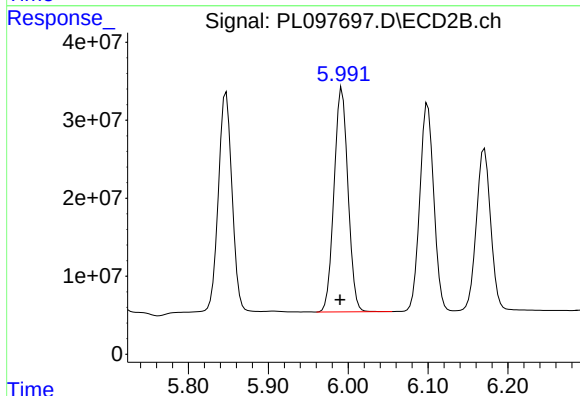
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: 0.003 min
Response: 233464521
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

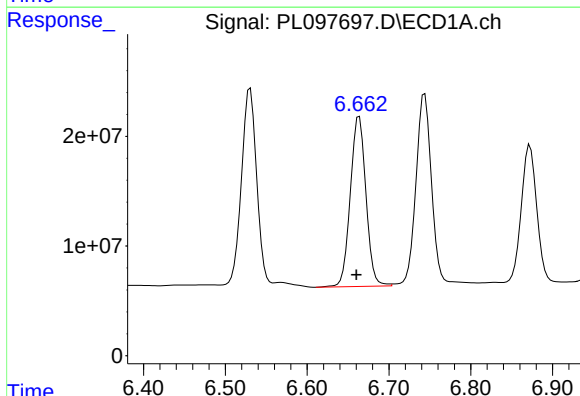
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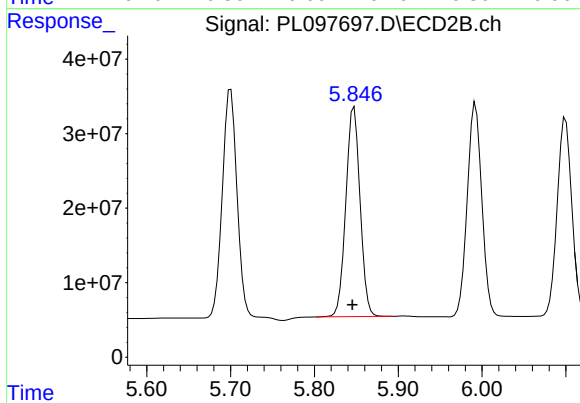
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: 0.002 min
Response: 347767702
Conc: 49.52 ng/ml



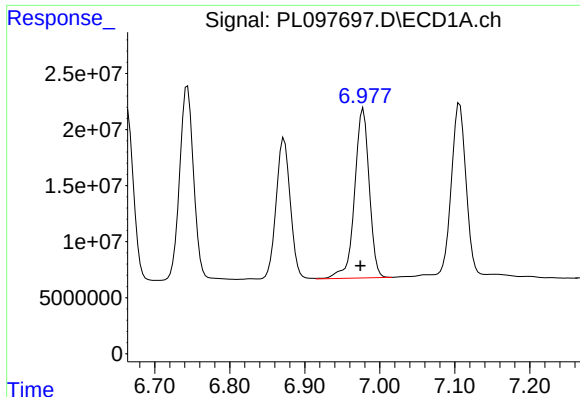
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.003 min
Response: 205171938
Conc: 57.40 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: 0.002 min
Response: 333029144
Conc: 51.95 ng/ml



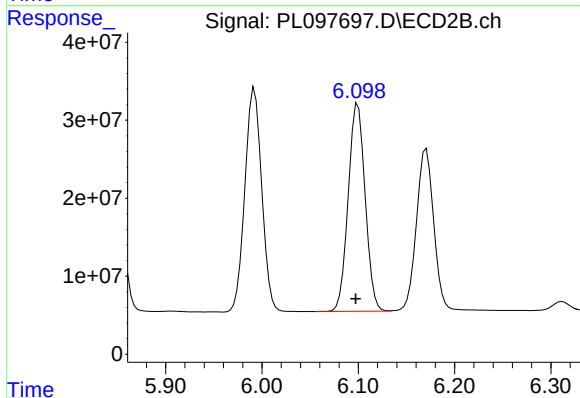
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: 0.004 min
Response: 204799262
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

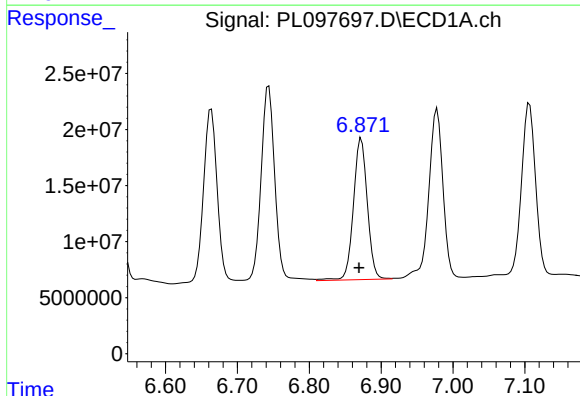
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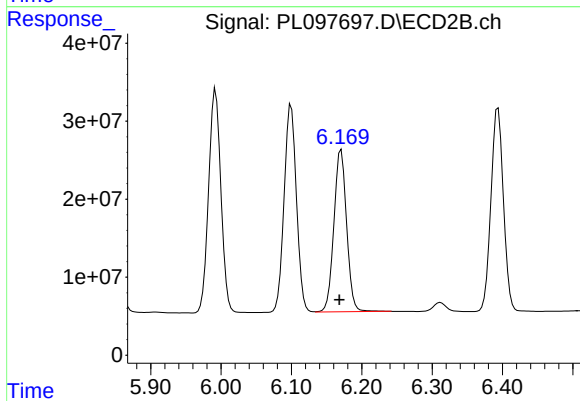
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: 0.002 min
Response: 324371603
Conc: 47.16 ng/ml



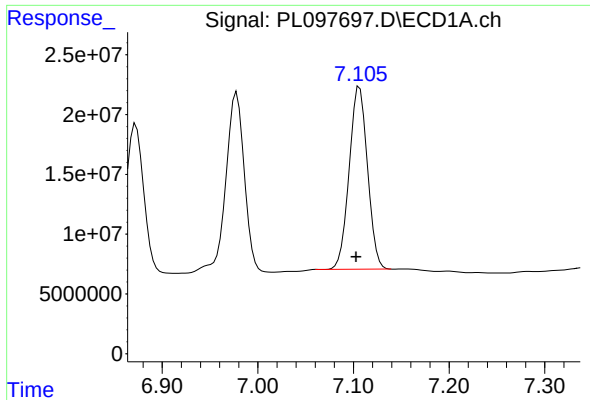
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: 0.003 min
Response: 169057311
Conc: 51.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: 0.002 min
Response: 261017885
Conc: 45.35 ng/ml



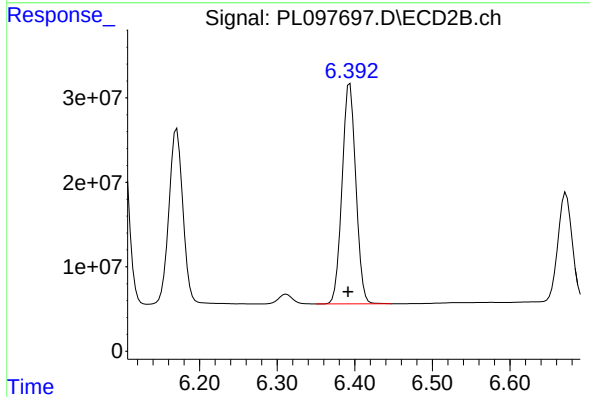
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: 0.004 min
Response: 203987077
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

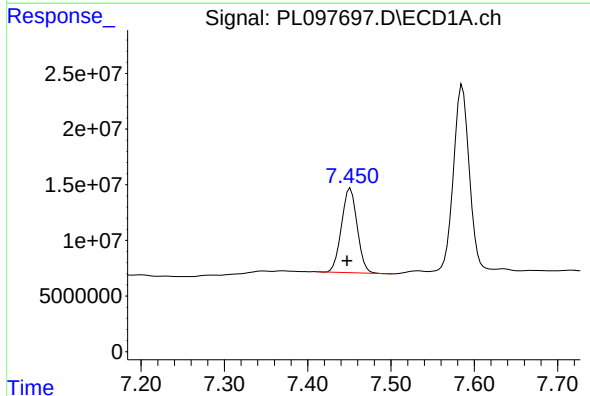
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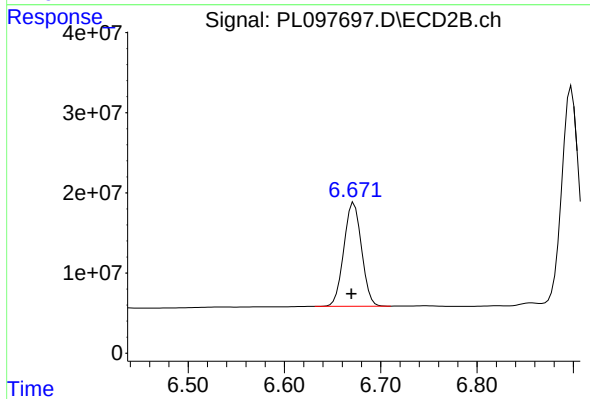
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: 0.002 min
Response: 321781161
Conc: 47.70 ng/ml



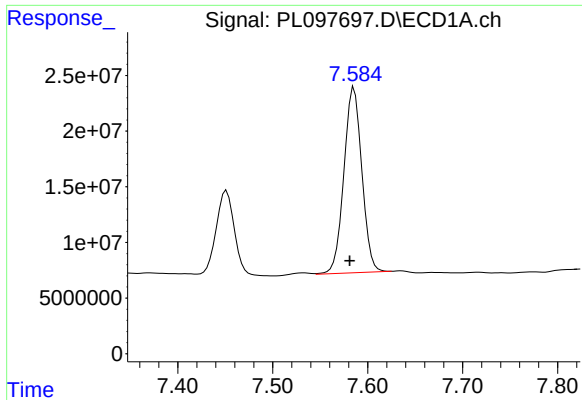
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: 0.004 min
Response: 99048159
Conc: 48.53 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: 0.003 min
Response: 164460896
Conc: 44.27 ng/ml



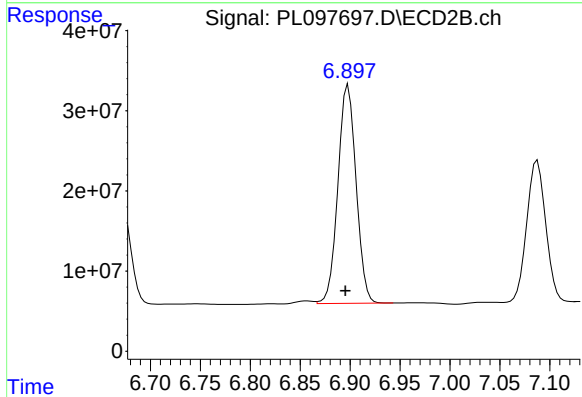
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: 0.005 min
Response: 218796010
Conc: 52.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

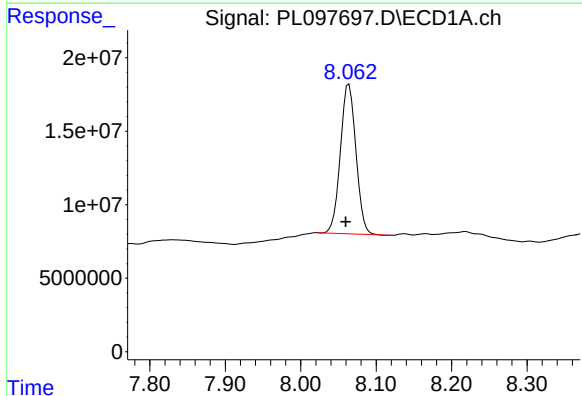
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Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



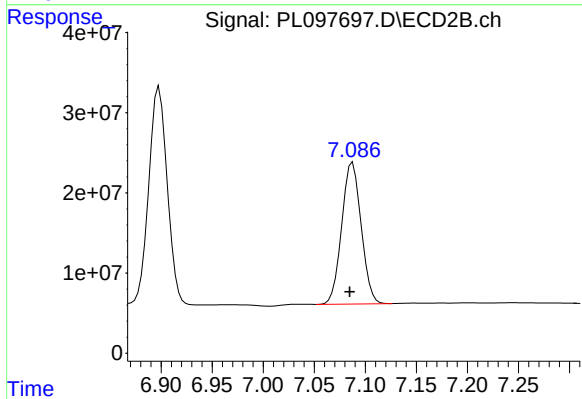
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: 0.003 min
Response: 345578166
Conc: 46.42 ng/ml



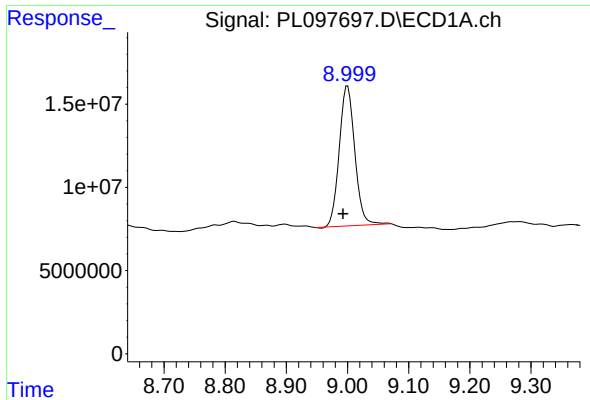
#22 Mirex

R.T.: 8.064 min
Delta R.T.: 0.004 min
Response: 145923124
Conc: 47.32 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: 0.003 min
Response: 233839336
Conc: 42.43 ng/ml



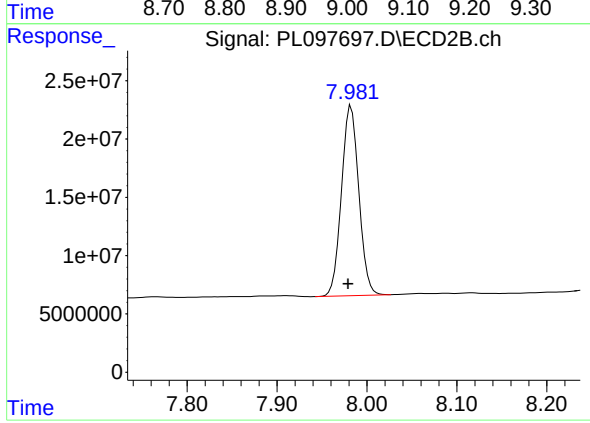
#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: 0.007 min
Response: 148492865
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: 0.003 min
Response: 218317013
Conc: 40.85 ng/ml