

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102925\
 Data File : PL097674.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2025 15:02
 Operator : AR\AJ
 Sample : IDOC-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 IDOC-01

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2025
 Supervised By :Sohil Jodhani 10/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 01:22:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 16:47:00 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...	3.523	2.818	86320742	129.4E6	21.174	21.268
2)	SA Decachlor...	9.000	7.980	67671578	106.9E6	22.757	20.611
Target Compounds							
2)	A alpha-BHC	3.970	3.323	315.7E6	456.1E6	46.795	46.227
3)	MA gamma-BHC...	4.298	3.655	296.9E6	421.5E6	46.707	45.880
4)	MA Heptachlor	4.887	4.002	302.0E6	407.6E6	46.822m	44.343
5)	MB Aldrin	5.229	4.284	279.8E6	398.5E6	46.531	45.954
6)	B beta-BHC	4.486	3.951	120.3E6	173.9E6	46.528	43.724
7)	B delta-BHC	4.732	4.184	275.6E6	429.8E6	45.382	47.573
8)	B Heptachlo...	5.649	4.786	254.3E6	350.6E6	43.679	44.387
9)	A Endosulfan I	6.030	5.158	233.2E6	329.5E6	46.907	44.679
10)	B gamma-Chl...	5.903	5.038	255.7E6	369.3E6	47.119	42.479
11)	B alpha-Chl...	5.983	5.102	252.3E6	363.2E6	46.500	43.619
12)	B 4,4'-DDE	6.154	5.291	218.4E6	343.0E6	46.906	45.182
13)	MA Dieldrin	6.303	5.422	251.6E6	355.2E6	47.834	42.955
14)	MA Endrin	6.530	5.697	203.6E6	301.6E6	45.511	40.744
15)	B Endosulfa...	6.743	5.988	215.2E6	307.3E6	43.981	44.509m
16)	A 4,4'-DDD	6.663	5.844	185.5E6	288.9E6	49.161	45.285
17)	MA 4,4'-DDT	6.977	6.096	182.7E6	292.1E6	45.059	43.836
18)	B Endrin al...	6.872	6.167	153.2E6	231.3E6	46.749	40.169
19)	B Endosulfa...	7.106	6.391	183.3E6	288.0E6	45.703	43.257
20)	A Methoxychlor	7.451	6.669	89851349	146.0E6	43.012	40.053
21)	B Endrin ke...	7.585	6.895	205.9E6	322.0E6	48.086	40.765
22)	Mirex	8.063	7.085	136.5E6	218.5E6	43.930	40.850

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102925\
Data File : PL097674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2025 15:02
Operator : AR\AJ
Sample : IDOC-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

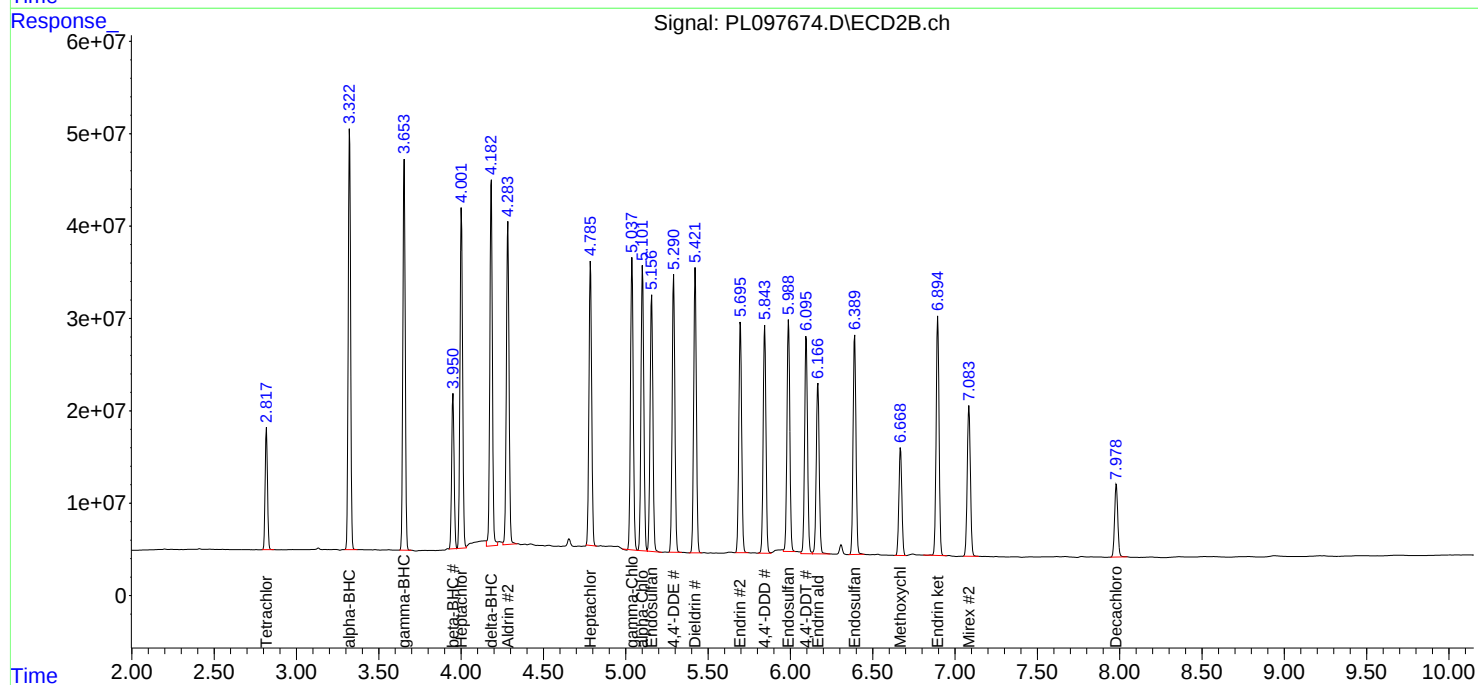
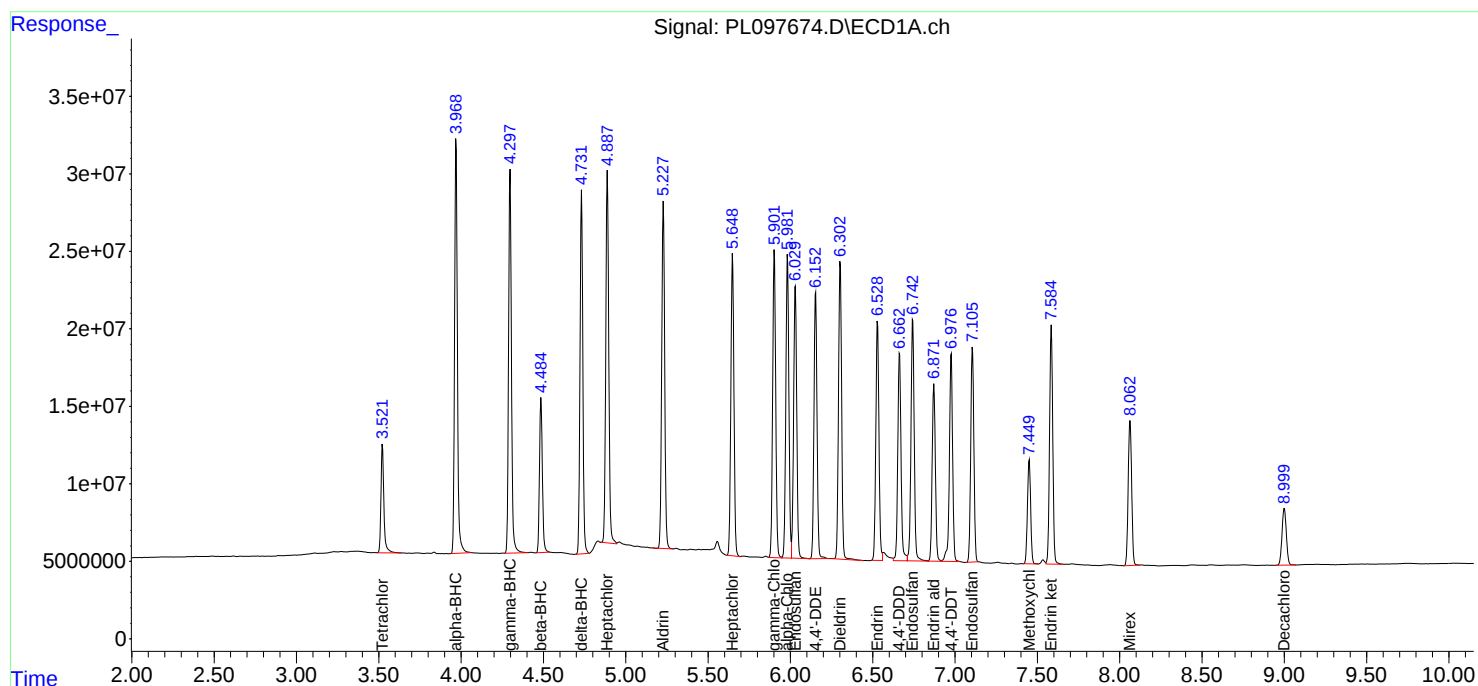
Instrument :
ECD_L
ClientSampleId :
IDOC-01

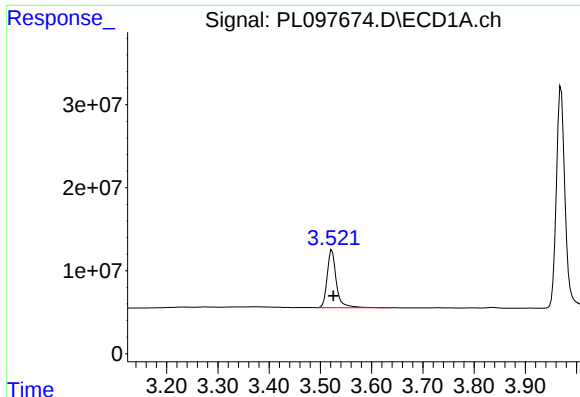
Manual Integrations
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Supervised By :Sohil Jodhani 10/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:22:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 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





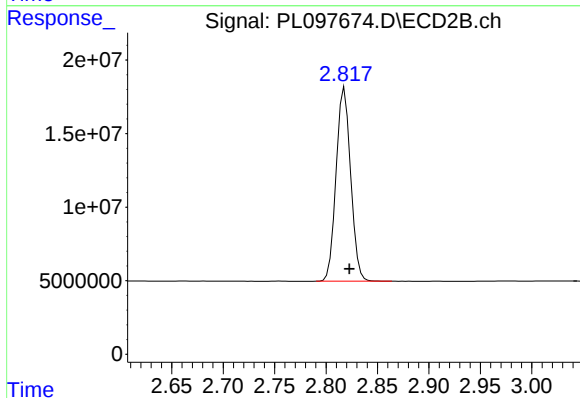
#1 Tetrachloro-m-xylene

R.T.: 3.523 min
Delta R.T.: -0.002 min
Response: 86320742
Conc: 21.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC-01

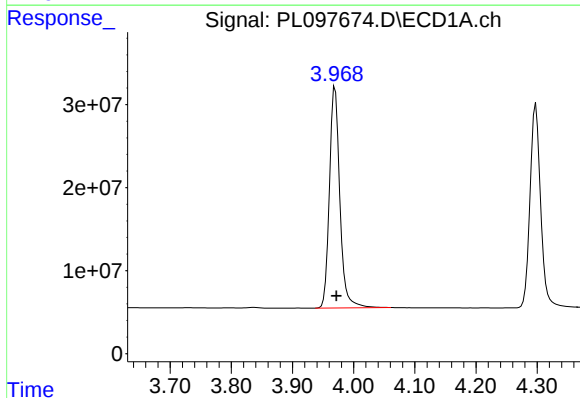
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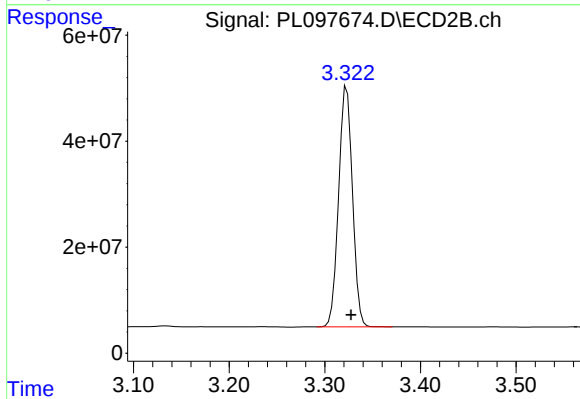
#1 Tetrachloro-m-xylene

R.T.: 2.818 min
Delta R.T.: -0.005 min
Response: 129442909
Conc: 21.27 ng/ml



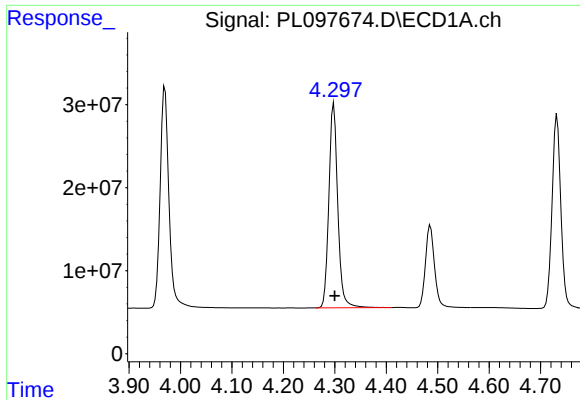
#2 alpha-BHC

R.T.: 3.970 min
Delta R.T.: -0.002 min
Response: 315666255
Conc: 46.80 ng/ml



#2 alpha-BHC

R.T.: 3.323 min
Delta R.T.: -0.005 min
Response: 456124755
Conc: 46.23 ng/ml



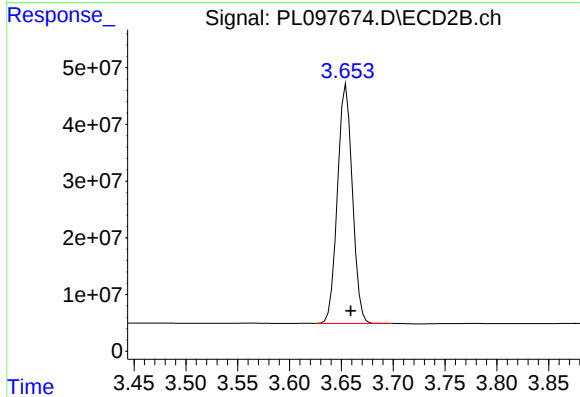
#3 gamma-BHC (Lindane)

R.T.: 4.298 min
Delta R.T.: -0.002 min
Response: 296886116
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC-01

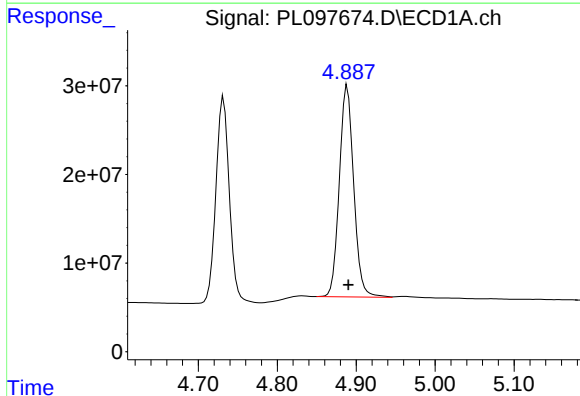
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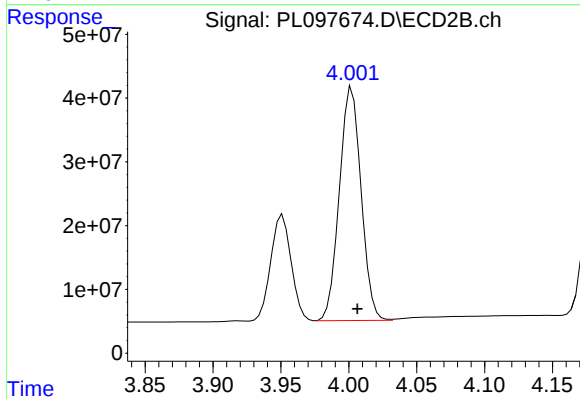
#3 gamma-BHC (Lindane)

R.T.: 3.655 min
Delta R.T.: -0.004 min
Response: 421512303
Conc: 45.88 ng/ml



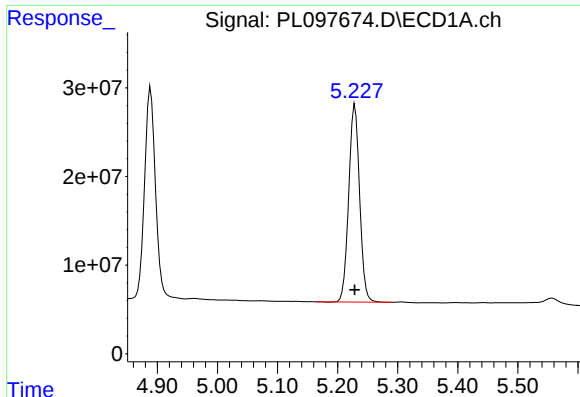
#4 Heptachlor

R.T.: 4.887 min
Delta R.T.: -0.003 min
Response: 302033907
Conc: 46.82 ng/ml m



#4 Heptachlor

R.T.: 4.002 min
Delta R.T.: -0.004 min
Response: 407612799
Conc: 44.34 ng/ml



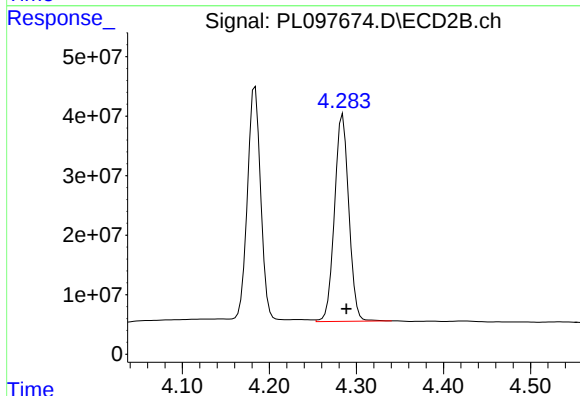
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 279774117
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC-01

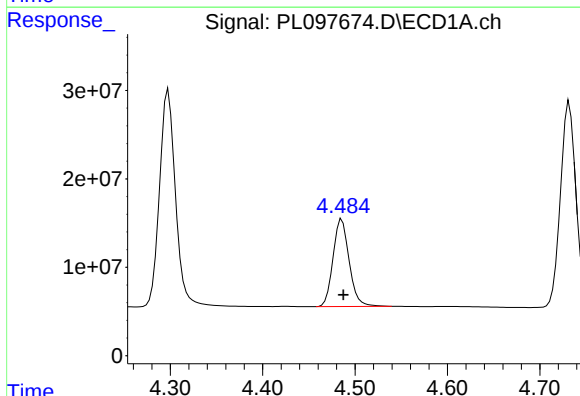
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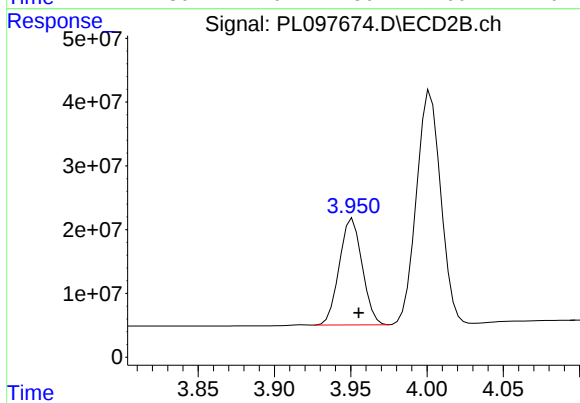
#5 Aldrin

R.T.: 4.284 min
Delta R.T.: -0.004 min
Response: 398502562
Conc: 45.95 ng/ml



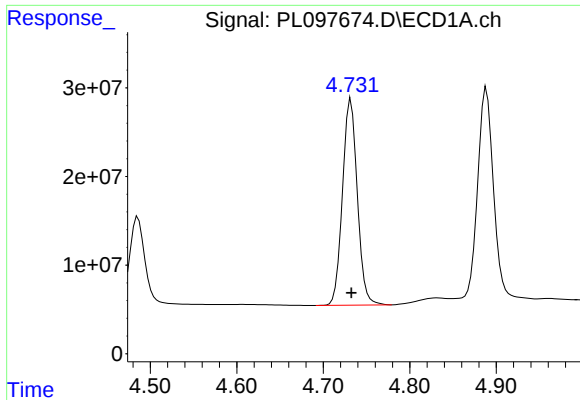
#6 beta-BHC

R.T.: 4.486 min
Delta R.T.: -0.002 min
Response: 120296851
Conc: 46.53 ng/ml



#6 beta-BHC

R.T.: 3.951 min
Delta R.T.: -0.004 min
Response: 173941742
Conc: 43.72 ng/ml



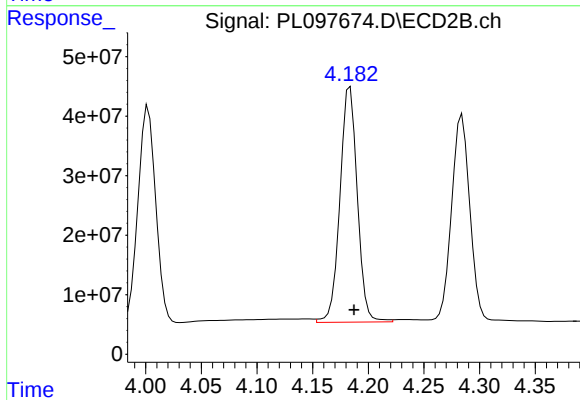
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 275584689
Conc: 45.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC-01

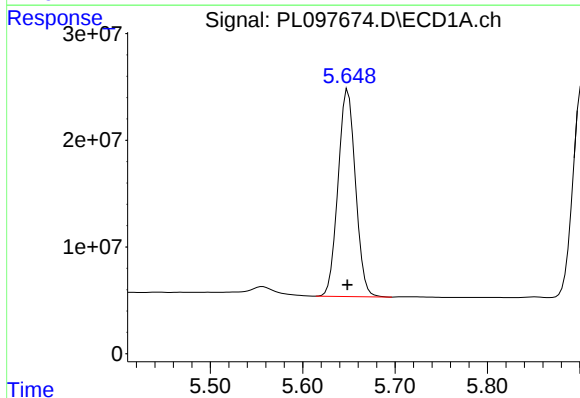
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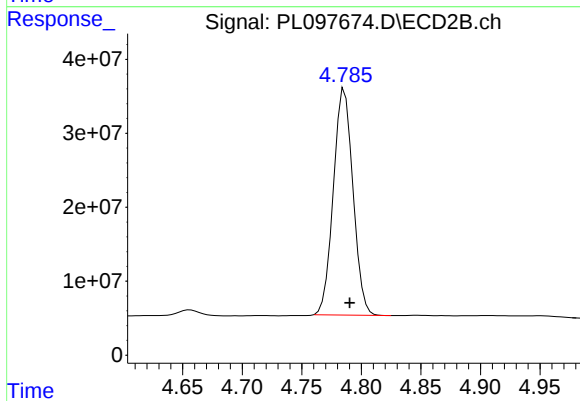
#7 delta-BHC

R.T.: 4.184 min
Delta R.T.: -0.004 min
Response: 429772467
Conc: 47.57 ng/ml



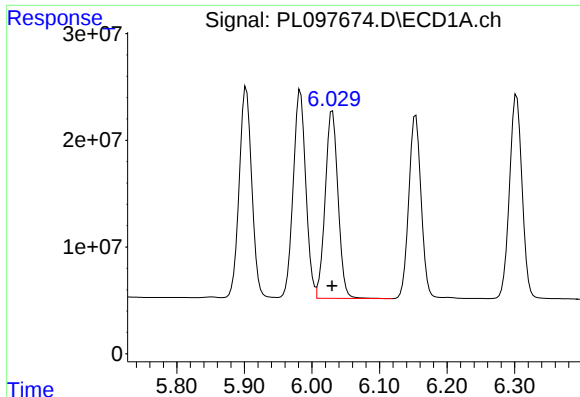
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 254307965
Conc: 43.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.786 min
Delta R.T.: -0.004 min
Response: 350566163
Conc: 44.39 ng/ml



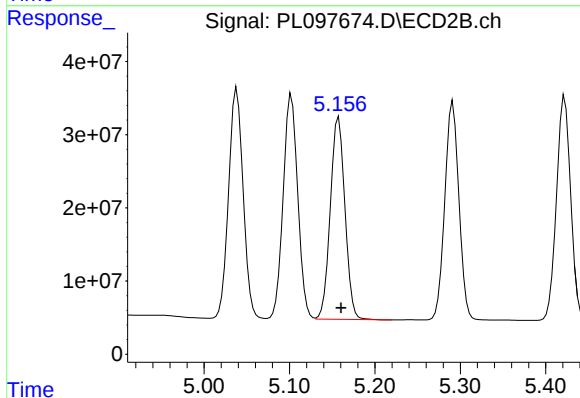
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 233196741
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC-01

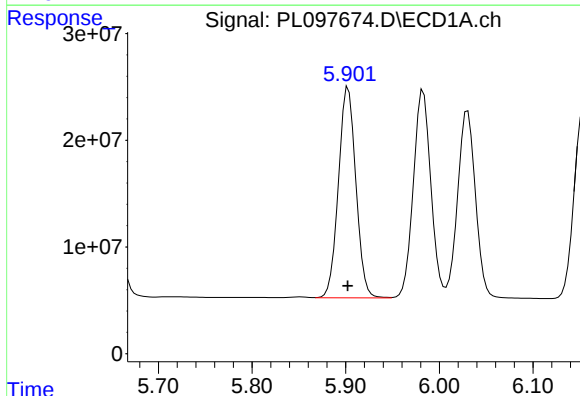
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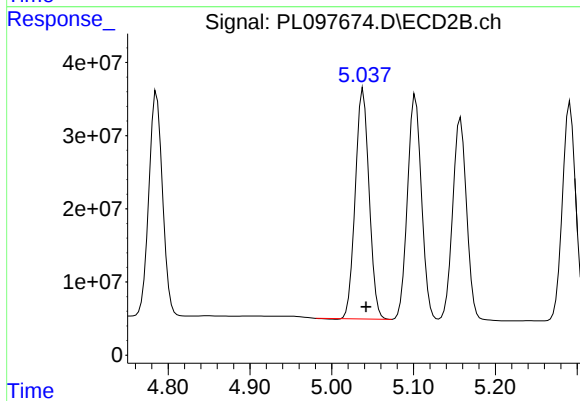
#9 Endosulfan I

R.T.: 5.158 min
Delta R.T.: -0.003 min
Response: 329476175
Conc: 44.68 ng/ml



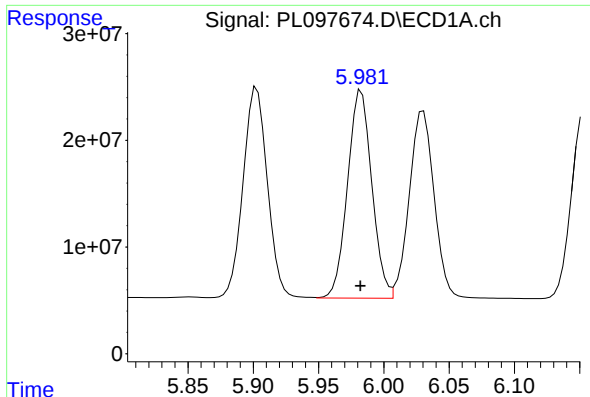
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 255735647
Conc: 47.12 ng/ml



#10 gamma-Chlordane

R.T.: 5.038 min
Delta R.T.: -0.003 min
Response: 369279651
Conc: 42.48 ng/ml



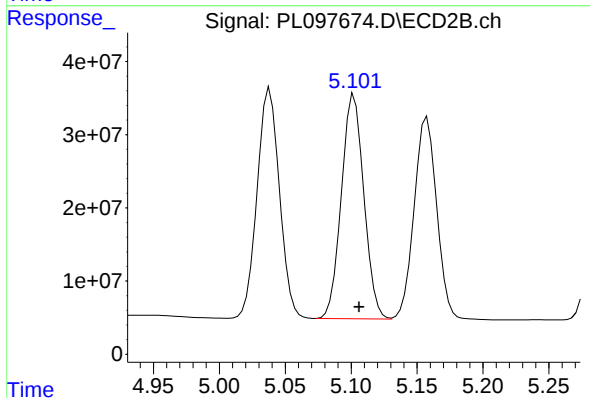
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 252332027
Conc: 46.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC-01

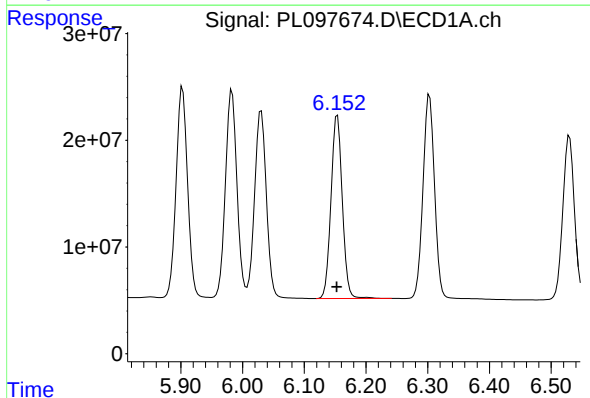
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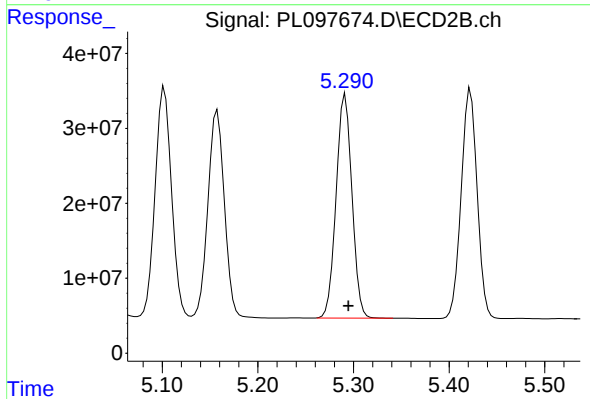
#11 alpha-Chlordane

R.T.: 5.102 min
Delta R.T.: -0.004 min
Response: 363221925
Conc: 43.62 ng/ml



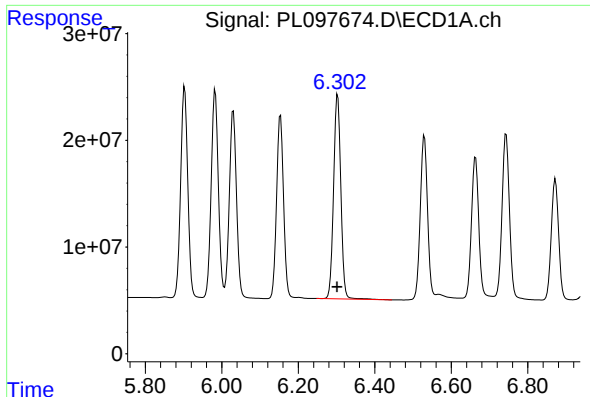
#12 4,4'-DDE

R.T.: 6.154 min
Delta R.T.: 0.001 min
Response: 218449018
Conc: 46.91 ng/ml



#12 4,4'-DDE

R.T.: 5.291 min
Delta R.T.: -0.003 min
Response: 343040962
Conc: 45.18 ng/ml



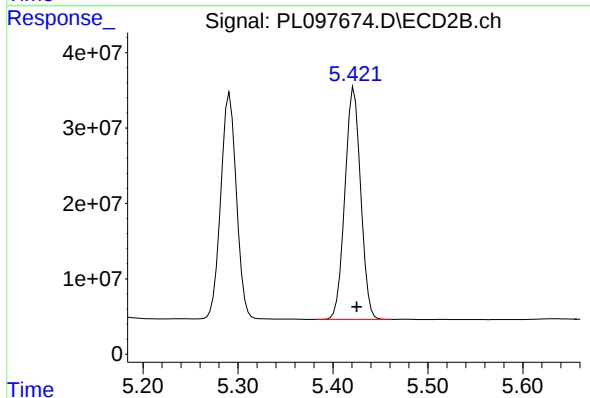
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: 0.001 min
Response: 251629326
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC-01

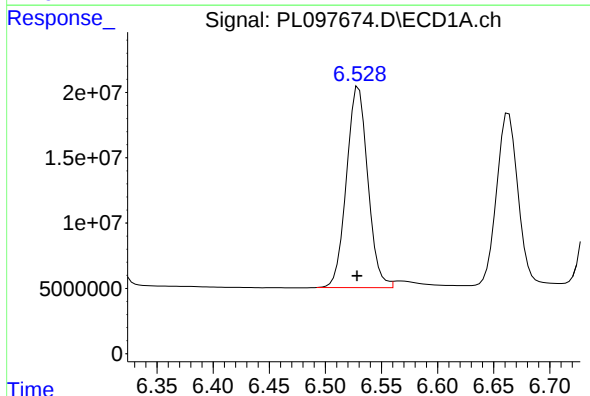
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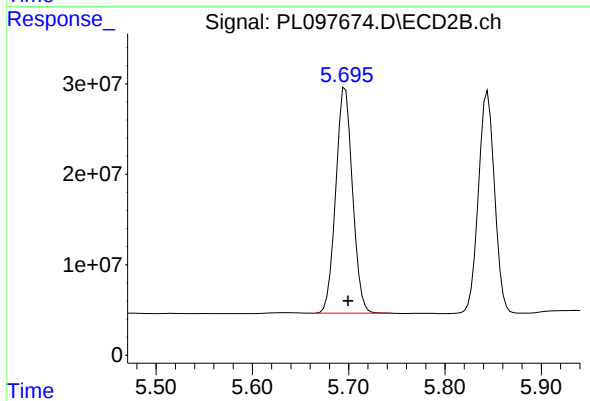
#13 Dieldrin

R.T.: 5.422 min
Delta R.T.: -0.003 min
Response: 355169211
Conc: 42.96 ng/ml



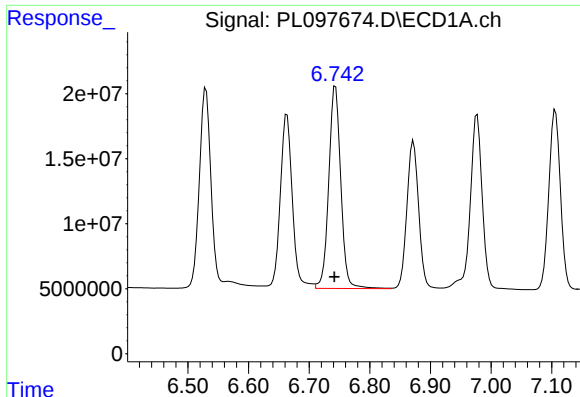
#14 Endrin

R.T.: 6.530 min
Delta R.T.: 0.001 min
Response: 203631864
Conc: 45.51 ng/ml



#14 Endrin

R.T.: 5.697 min
Delta R.T.: -0.003 min
Response: 301568081
Conc: 40.74 ng/ml



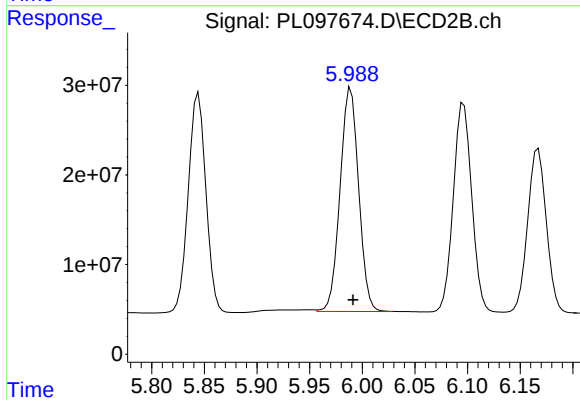
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 215161248
Conc: 43.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC-01

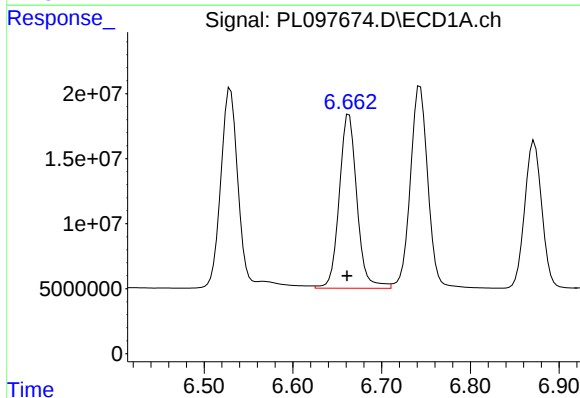
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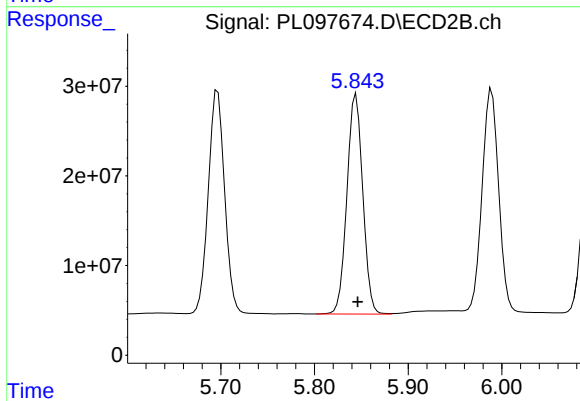
#15 Endosulfan II

R.T.: 5.988 min
Delta R.T.: -0.004 min
Response: 307336531
Conc: 44.51 ng/ml m



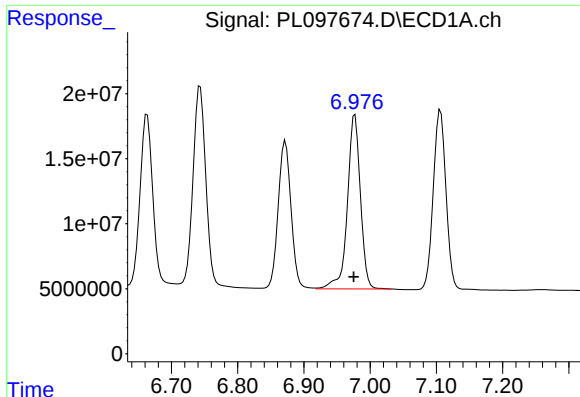
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: 0.002 min
Response: 185510690
Conc: 49.16 ng/ml



#16 4,4'-DDD

R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 288866722
Conc: 45.28 ng/ml



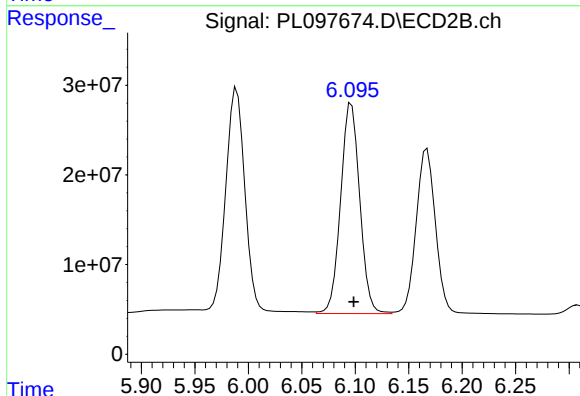
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: 0.002 min
Response: 182701152
Conc: 45.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC-01

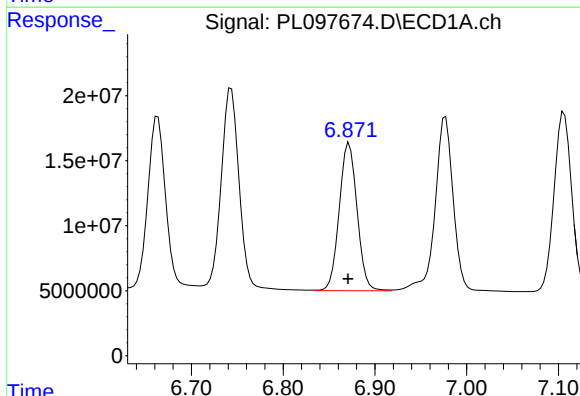
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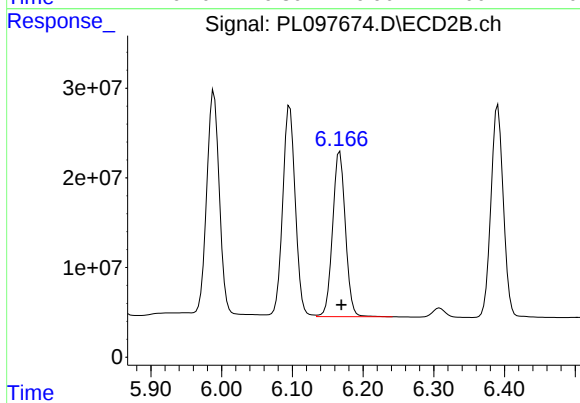
#17 4,4'-DDT

R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 292098000
Conc: 43.84 ng/ml



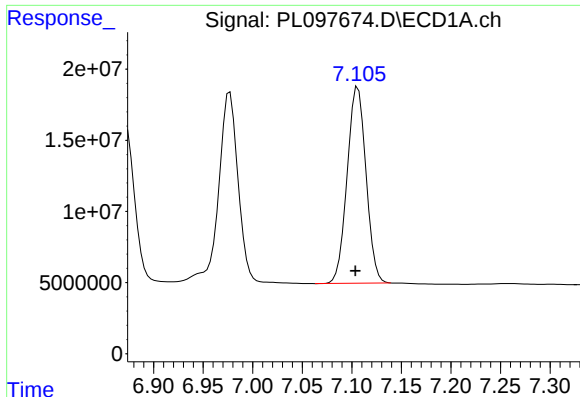
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: 0.001 min
Response: 153182190
Conc: 46.75 ng/ml



#18 Endrin aldehyde

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 231311699
Conc: 40.17 ng/ml



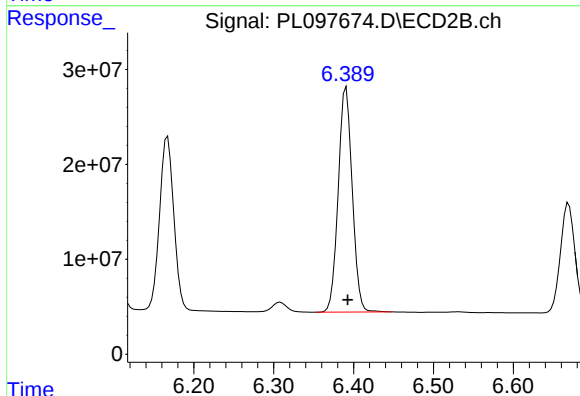
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: 0.002 min
Response: 183263773
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC-01

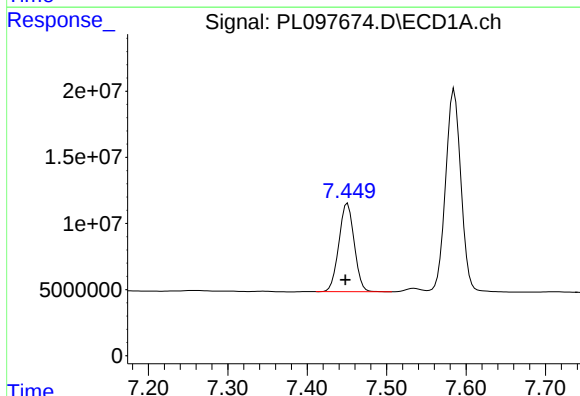
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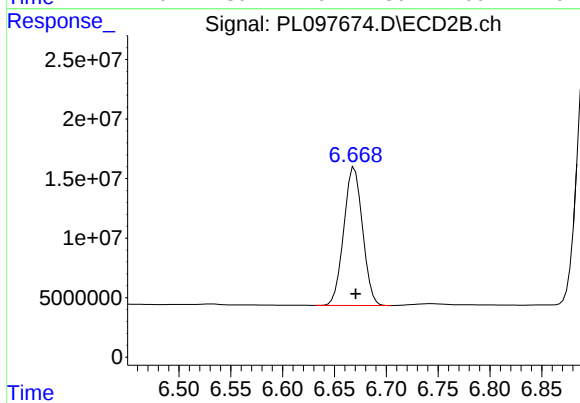
#19 Endosulfan Sulfate

R.T.: 6.391 min
Delta R.T.: -0.002 min
Response: 287994955
Conc: 43.26 ng/ml



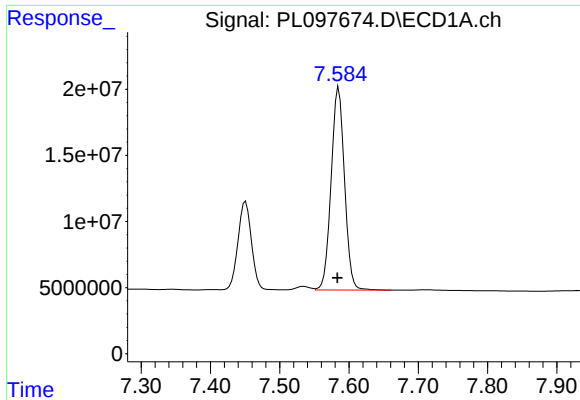
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: 0.003 min
Response: 89851349
Conc: 43.01 ng/ml



#20 Methoxychlor

R.T.: 6.669 min
Delta R.T.: -0.001 min
Response: 146001189
Conc: 40.05 ng/ml



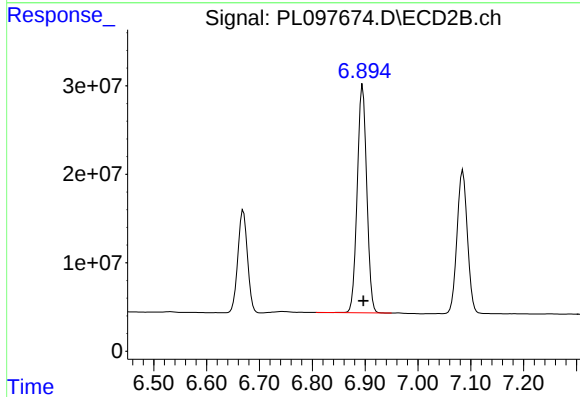
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: 0.002 min
Response: 205890066
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC-01

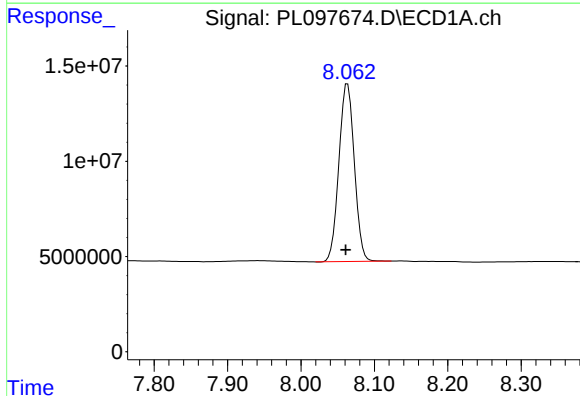
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/30/2025
Supervised By :Sohil Jodhani 10/30/2025



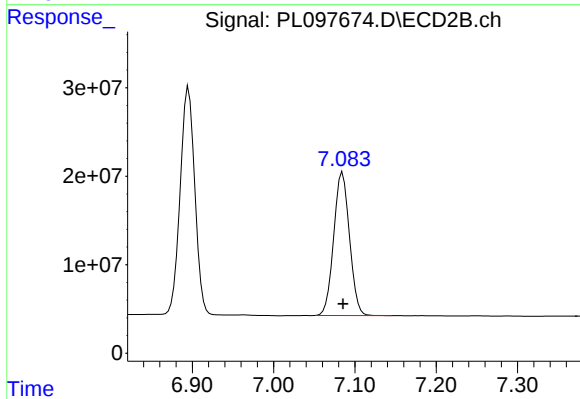
#21 Endrin ketone

R.T.: 6.895 min
Delta R.T.: -0.001 min
Response: 322039590
Conc: 40.77 ng/ml



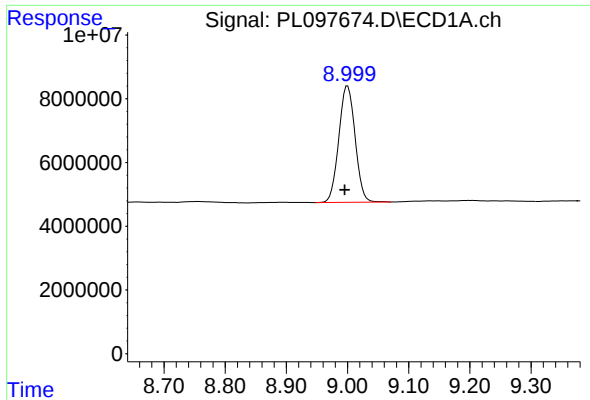
#22 Mirex

R.T.: 8.063 min
Delta R.T.: 0.002 min
Response: 136508700
Conc: 43.93 ng/ml



#22 Mirex

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 218542154
Conc: 40.85 ng/ml



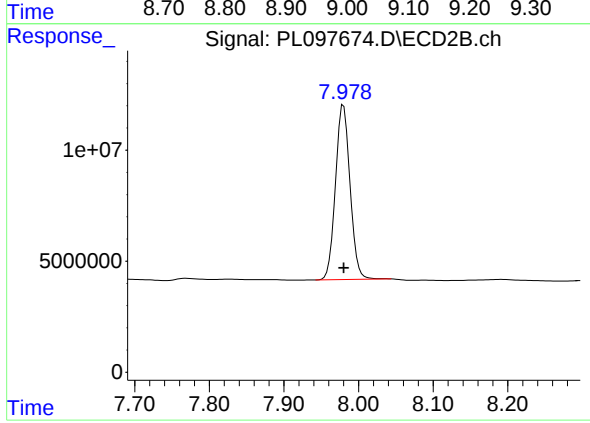
#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: 0.005 min
Response: 67671578
Conc: 22.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC-01

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 106949861
Conc: 20.61 ng/ml