

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030725\
 Data File : PL094541.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 13:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/10/2025
 Supervised By : Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 23:54:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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	2.772	127.4E6	163.3E6	50.171	51.164
28)	SA Decachlor...	9.056	7.907	98878364	174.7E6	46.481	45.439
Target Compounds							
2)	A alpha-BHC	3.994	3.274	186.3E6	247.8E6	49.261	50.422
3)	MA gamma-BHC...	4.327	3.604	181.0E6	240.0E6	48.977	50.947
4)	MA Heptachlor	4.914	3.942	166.3E6	234.6E6	49.047	49.709
5)	MB Aldrin	5.256	4.221	167.3E6	232.6E6	48.747	50.347
6)	B beta-BHC	4.525	3.904	78321591	100.5E6	49.046	50.517
7)	B delta-BHC	4.772	4.133	176.3E6	240.0E6	49.816	50.672
8)	B Heptachlo...	5.683	4.724	151.1E6	212.4E6	50.129	49.907
9)	A Endosulfan I	6.068	5.094	132.3E6	177.4E6	48.150	44.499
10)	B gamma-Chl...	5.938	4.974	144.0E6	214.8E6	49.038m	49.511
11)	B alpha-Chl...	6.018	5.037	140.9E6	211.9E6	48.652	49.078
12)	B 4,4'-DDE	6.192	5.225	132.9E6	213.8E6	50.892	50.898m
13)	MA Dieldrin	6.344	5.357	139.1E6	218.7E6	48.841	49.914
14)	MA Endrin	6.572	5.633	111.3E6	186.5E6	43.601m	54.765 #
15)	B Endosulfa...	6.794	5.927	116.7E6	191.2E6	46.368	51.124m
16)	A 4,4'-DDD	6.710	5.781	104.4E6	175.6E6	56.419	55.134
17)	MA 4,4'-DDT	7.023	6.032	100.7E6	173.6E6	47.969	48.814
18)	B Endrin al...	6.924	6.108	94163363	154.4E6	48.368	48.848
19)	B Endosulfa...	7.158	6.330	106.3E6	181.8E6	46.959	49.223
20)	A Methoxychlor	7.500	6.607	53329638	94045160	48.000	48.203
21)	B Endrin ke...	7.644	6.835	119.8E6	221.7E6	47.774	51.947m
22)	Mirex	8.117	7.015	93973908	170.8E6	45.545	48.983

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030725\
Data File : PL094541.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 13:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

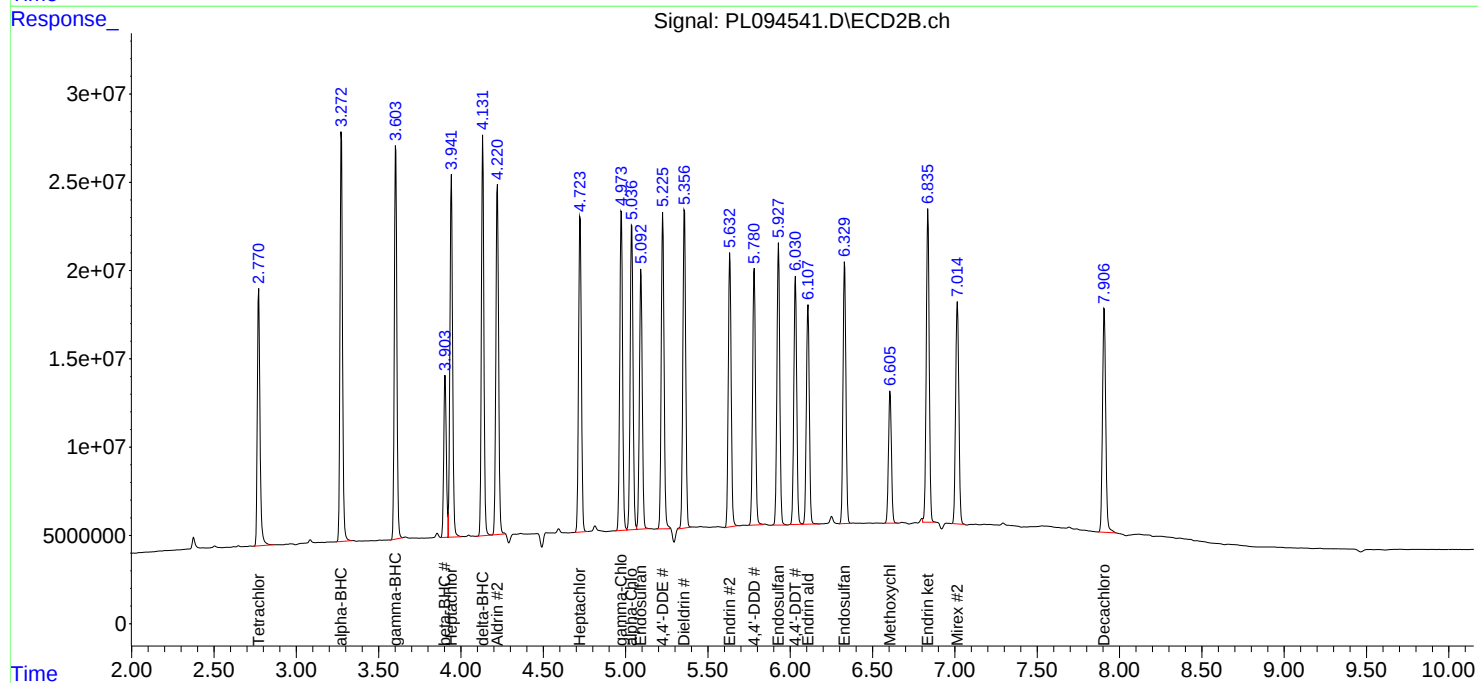
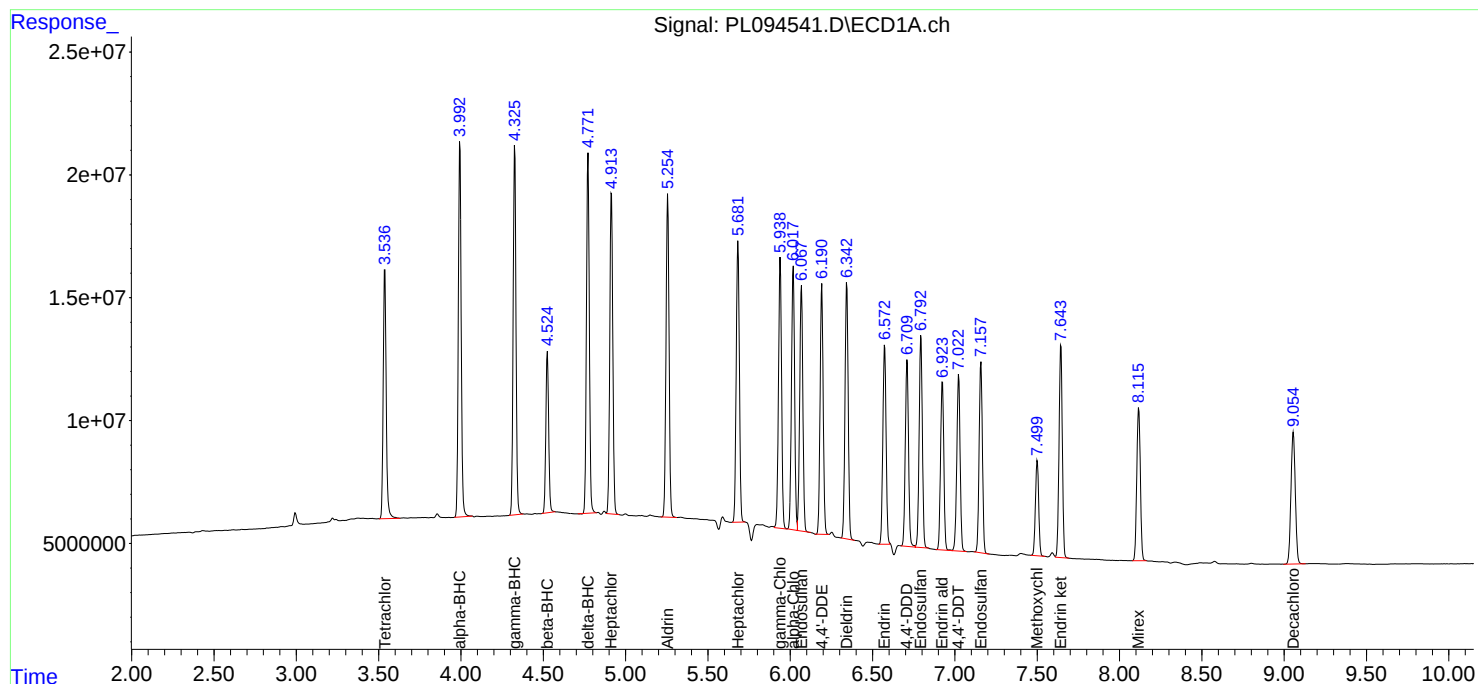
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

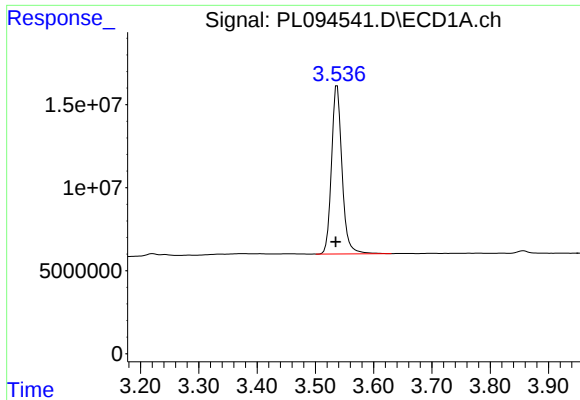
Manual Integrations
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Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 23:54:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





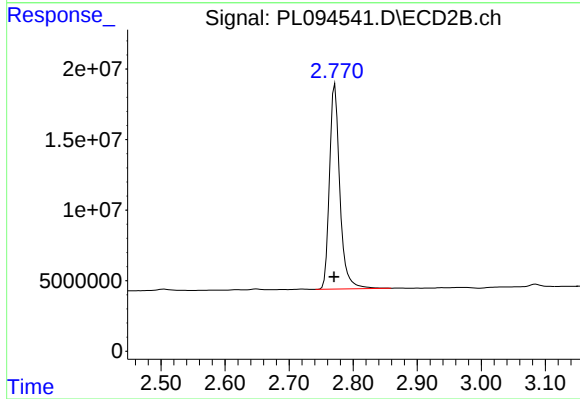
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 127389596
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

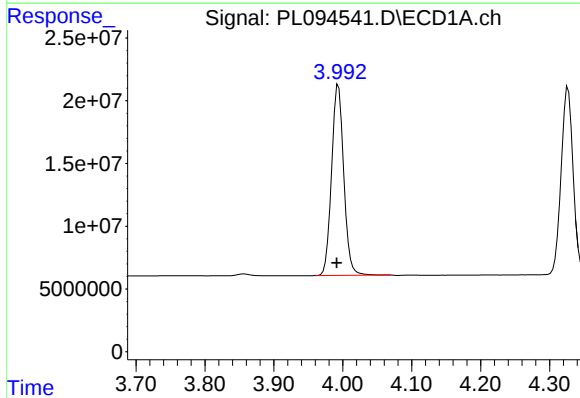
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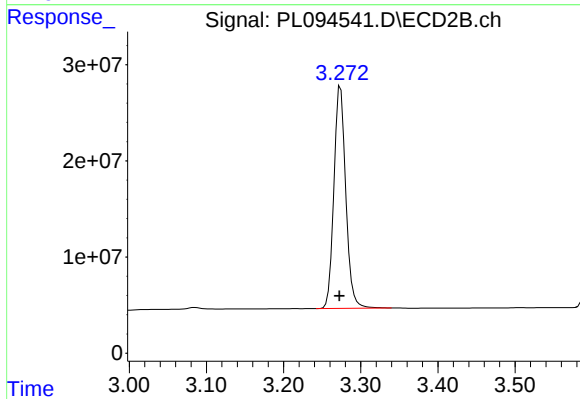
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.001 min
Response: 163272217
Conc: 51.16 ng/ml



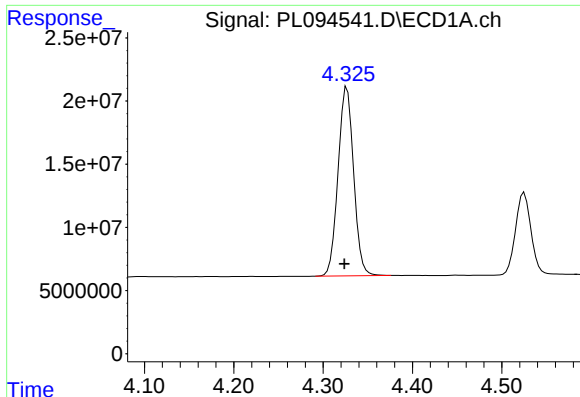
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 186339283
Conc: 49.26 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 247815420
Conc: 50.42 ng/ml



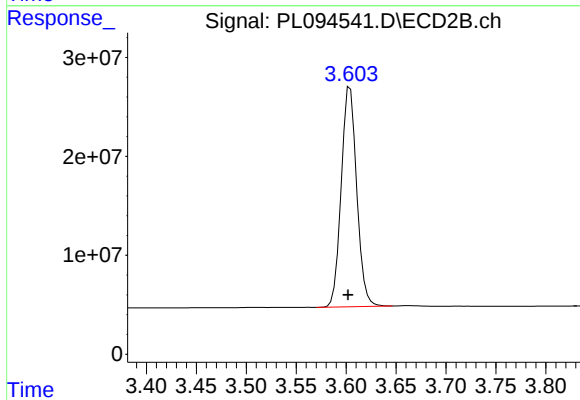
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.003 min
Response: 180957325
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

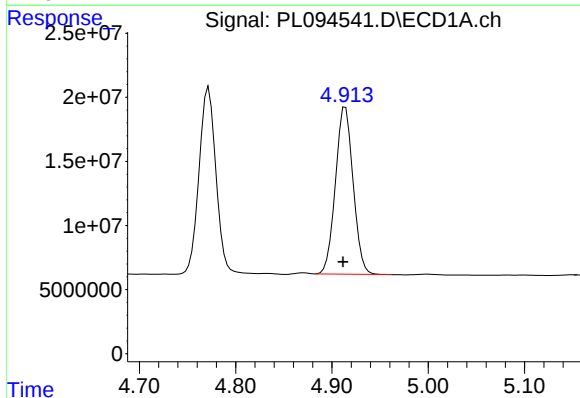
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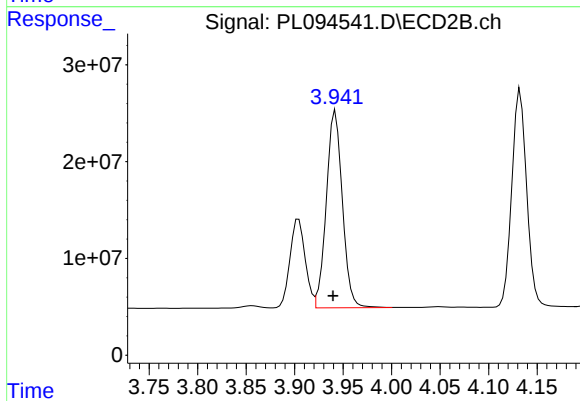
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 239959493
Conc: 50.95 ng/ml



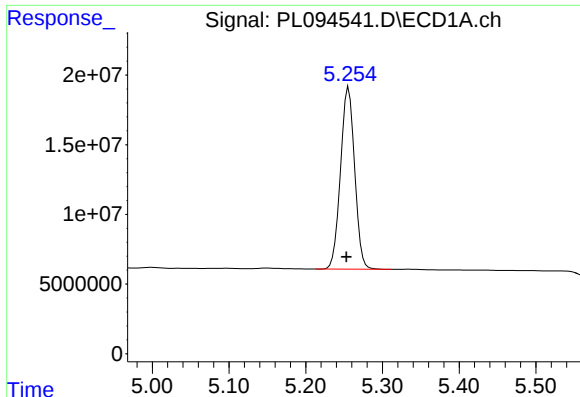
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.003 min
Response: 166286609
Conc: 49.05 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 234641664
Conc: 49.71 ng/ml



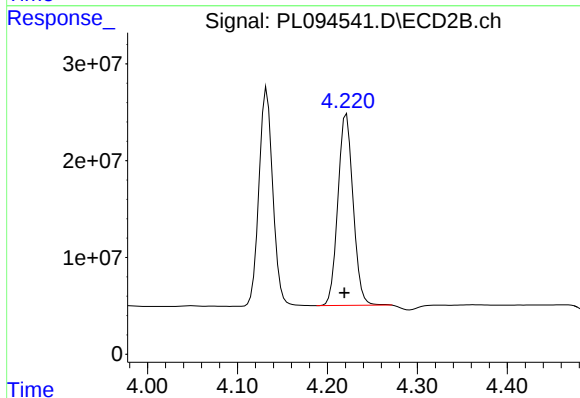
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 167287313
Conc: 48.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

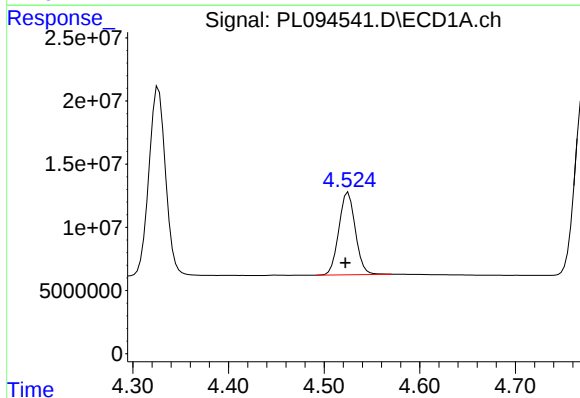
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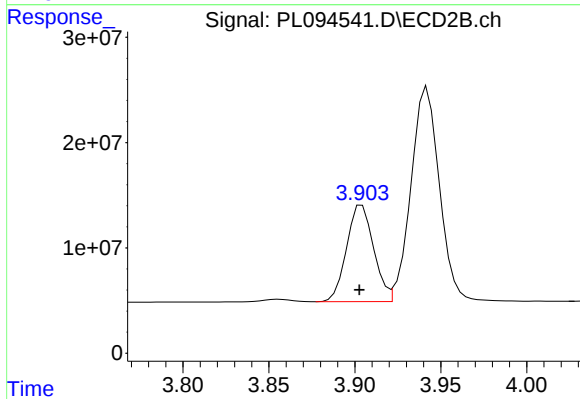
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 232622752
Conc: 50.35 ng/ml



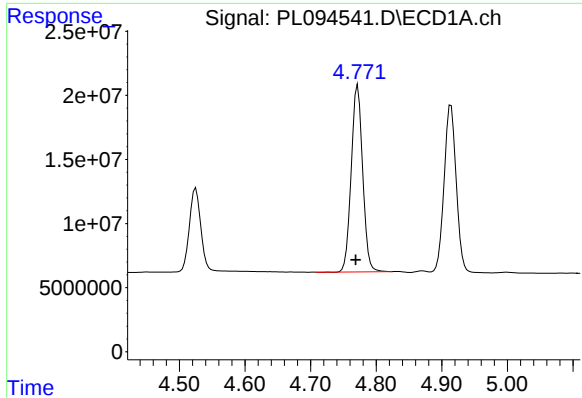
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 78321591
Conc: 49.05 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 100473734
Conc: 50.52 ng/ml



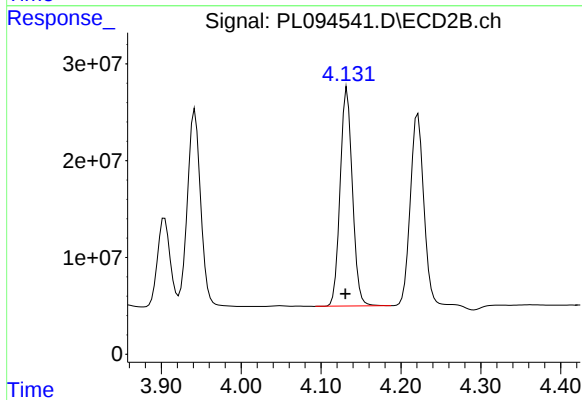
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.003 min
Response: 176262342
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

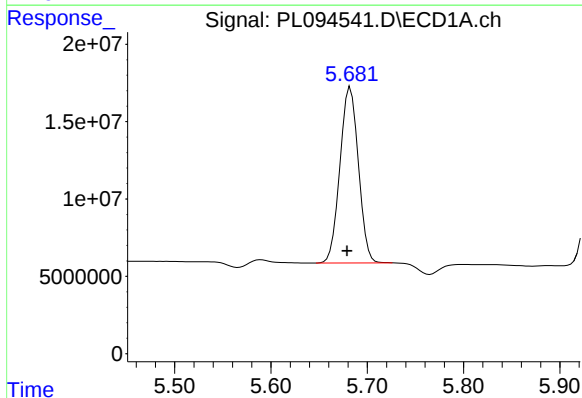
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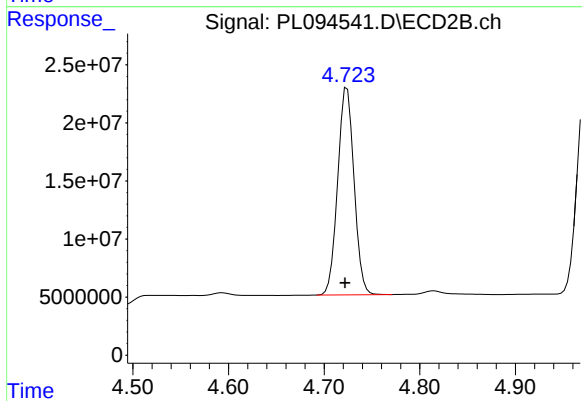
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.002 min
Response: 239966210
Conc: 50.67 ng/ml



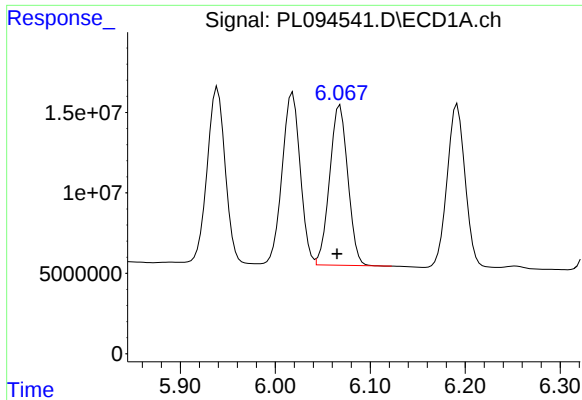
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.003 min
Response: 151059479
Conc: 50.13 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 212373790
Conc: 49.91 ng/ml



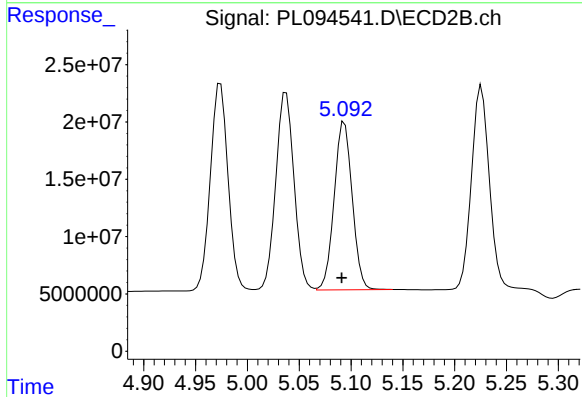
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 132347226
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

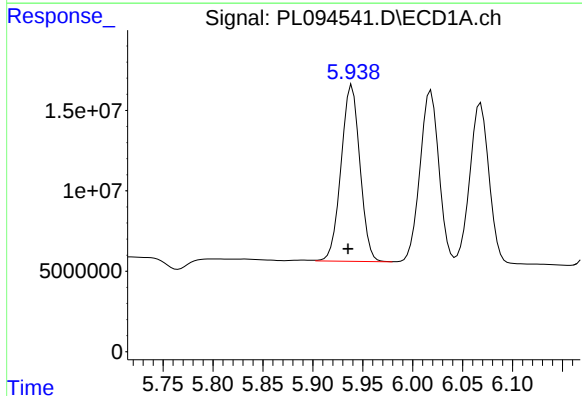
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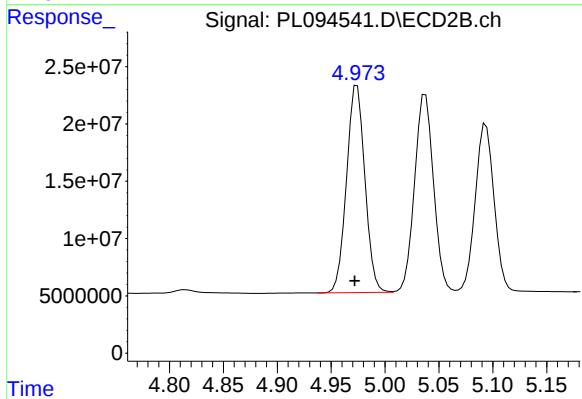
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.002 min
Response: 177396765
Conc: 44.50 ng/ml



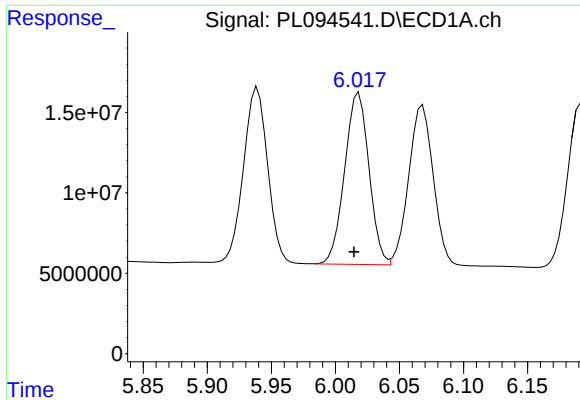
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.003 min
Response: 143981088
Conc: 49.04 ng/ml m



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 214821165
Conc: 49.51 ng/ml



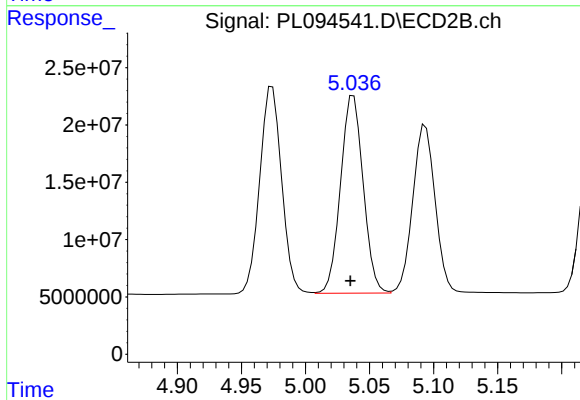
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.004 min
Response: 140948055
Conc: 48.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

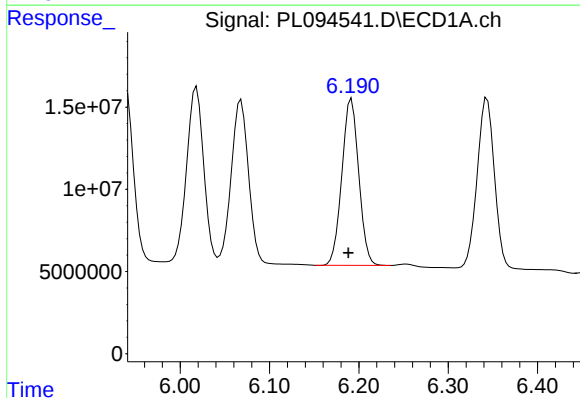
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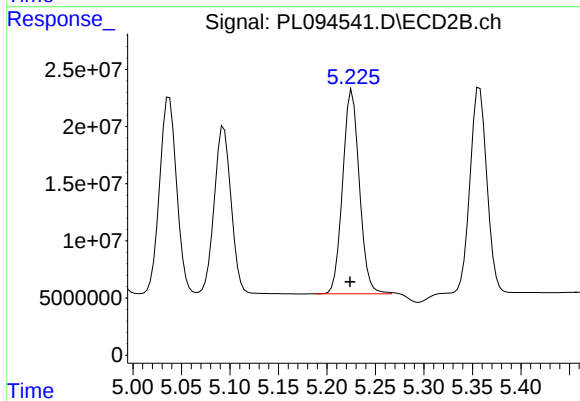
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 211898772
Conc: 49.08 ng/ml



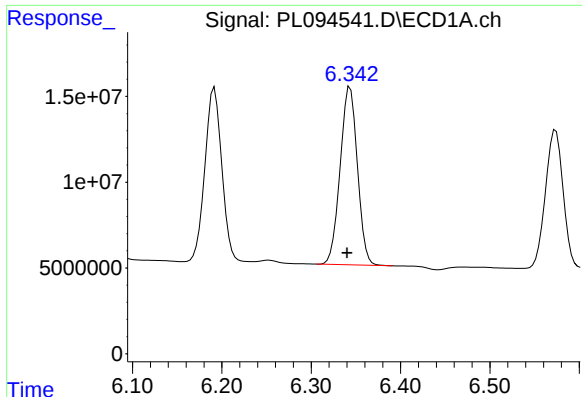
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.004 min
Response: 132915899
Conc: 50.89 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 213770067
Conc: 50.90 ng/ml m



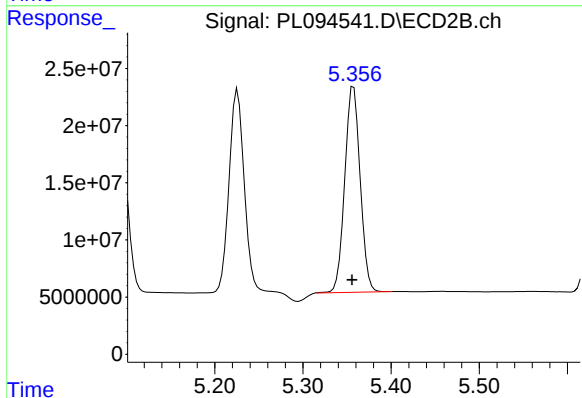
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.004 min
Response: 139148207
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

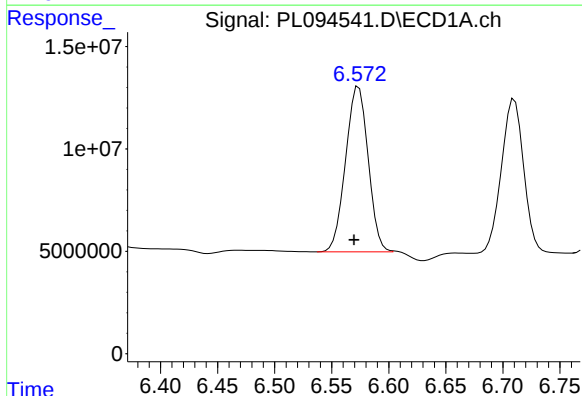
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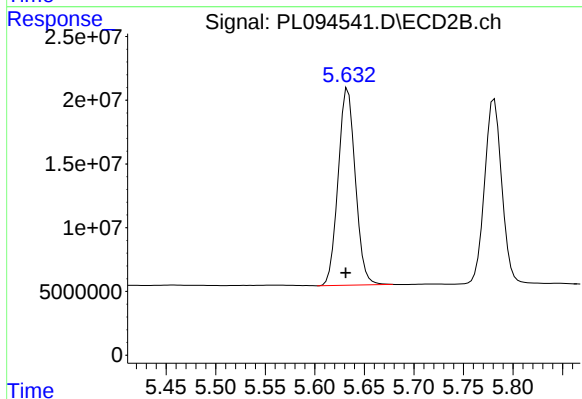
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 218713216
Conc: 49.91 ng/ml



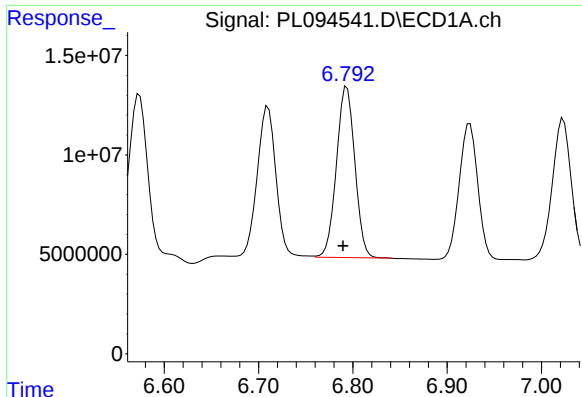
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.003 min
Response: 111282760
Conc: 43.60 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 186460396
Conc: 54.77 ng/ml



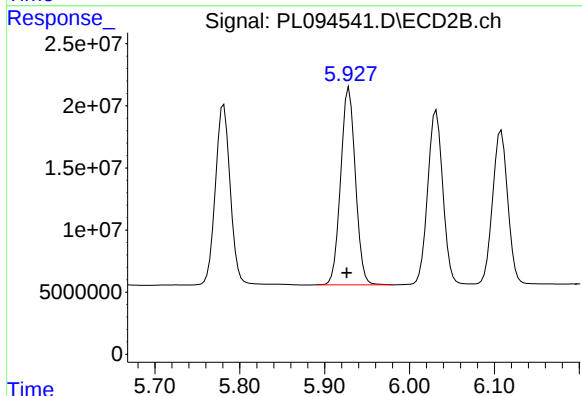
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.004 min
Response: 116718948
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

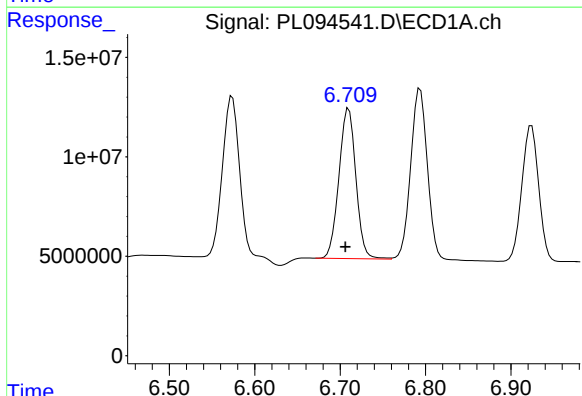
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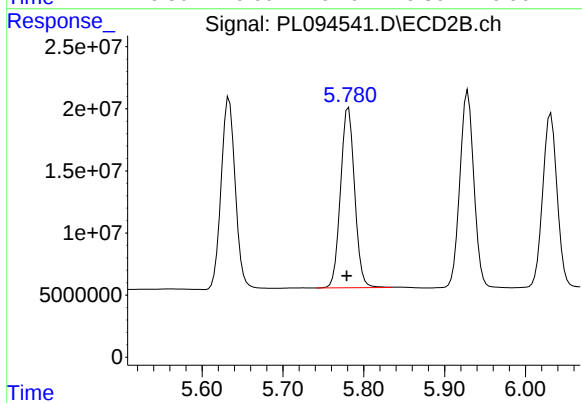
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: 0.001 min
Response: 191178107
Conc: 51.12 ng/ml m



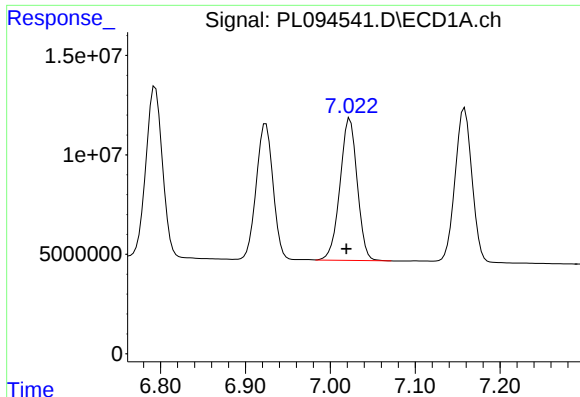
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.004 min
Response: 104361176
Conc: 56.42 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 175620493
Conc: 55.13 ng/ml



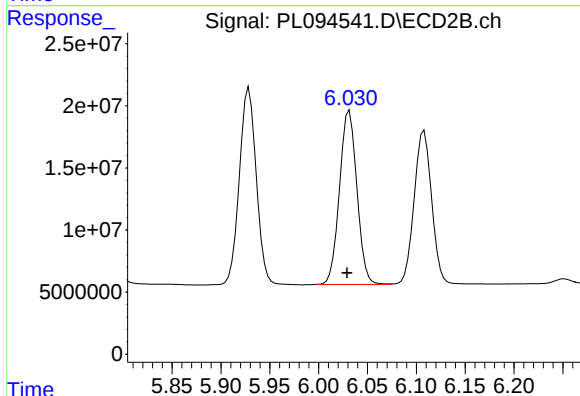
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 100735751
Conc: 47.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

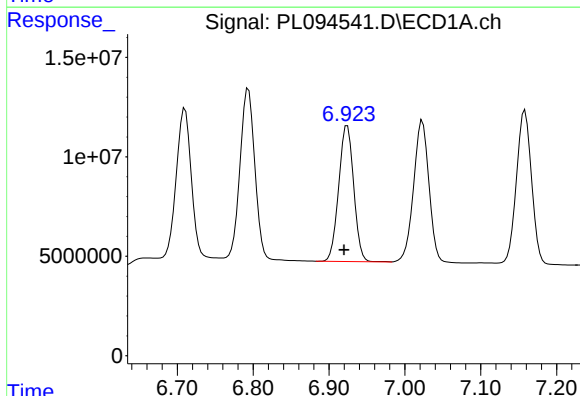
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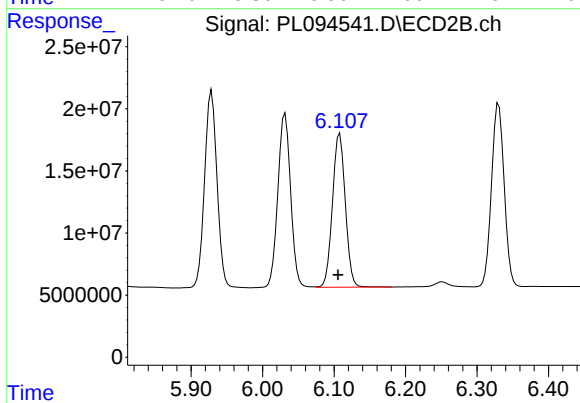
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 173630393
Conc: 48.81 ng/ml



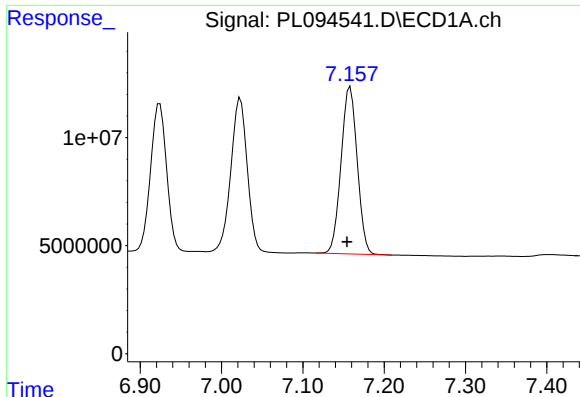
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.004 min
Response: 94163363
Conc: 48.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 154380371
Conc: 48.85 ng/ml



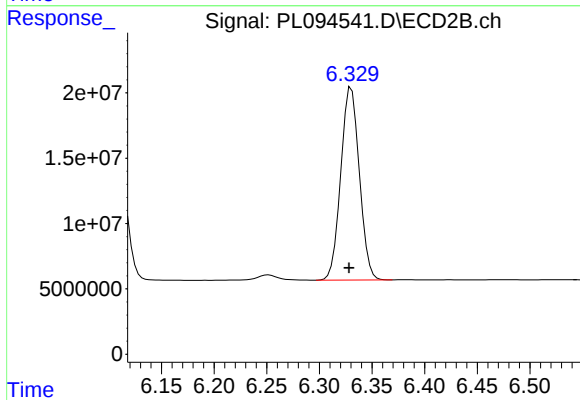
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 106306894
Conc: 46.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

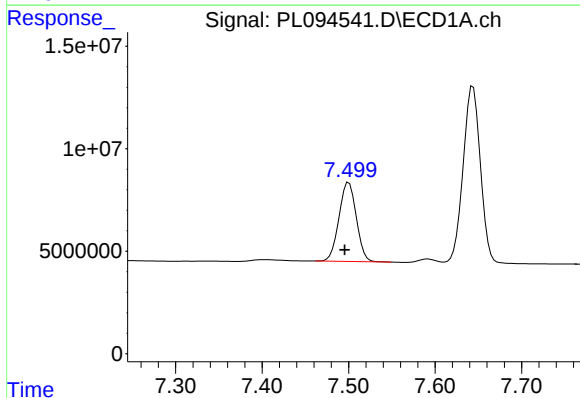
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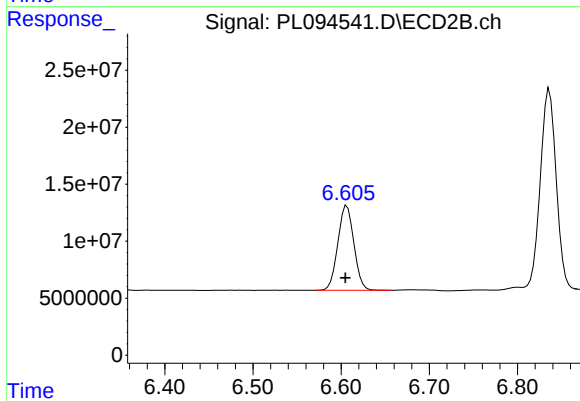
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.002 min
Response: 181814242
Conc: 49.22 ng/ml



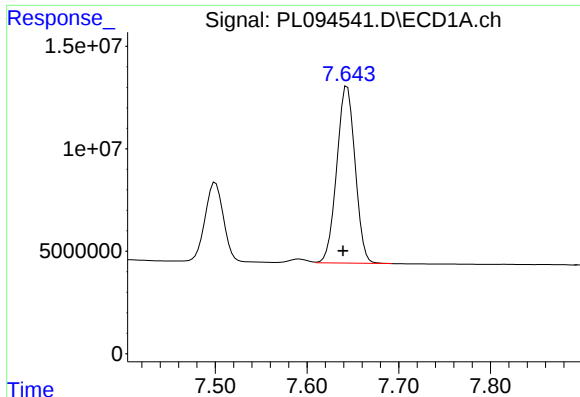
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.005 min
Response: 53329638
Conc: 48.00 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.002 min
Response: 94045160
Conc: 48.20 ng/ml



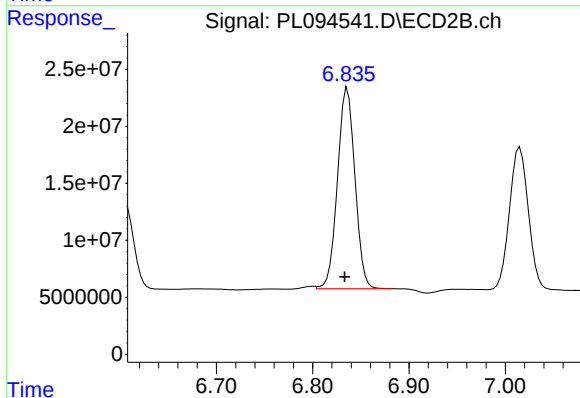
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.004 min
Response: 119765847
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

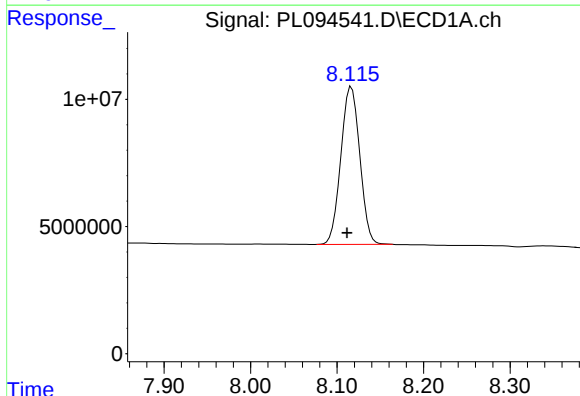
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



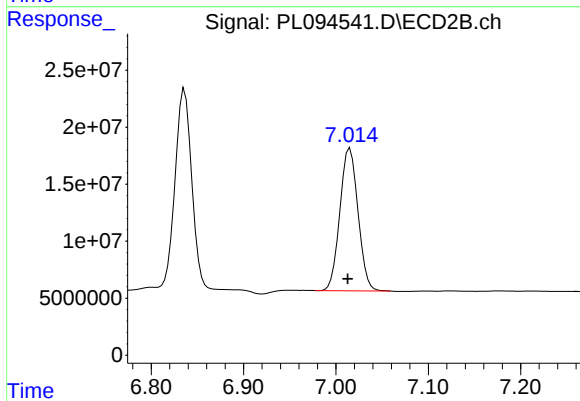
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 221683721
Conc: 51.95 ng/ml m



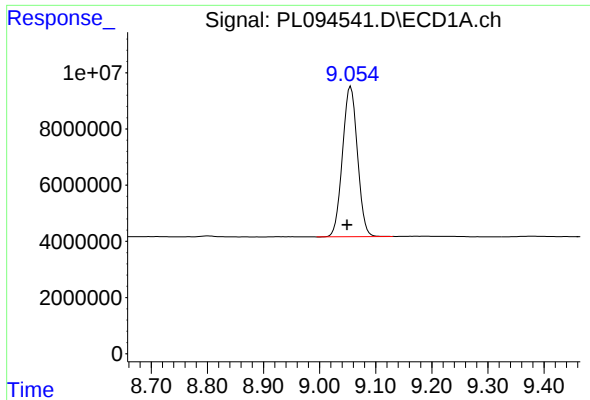
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.005 min
Response: 93973908
Conc: 45.55 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.003 min
Response: 170806458
Conc: 48.98 ng/ml



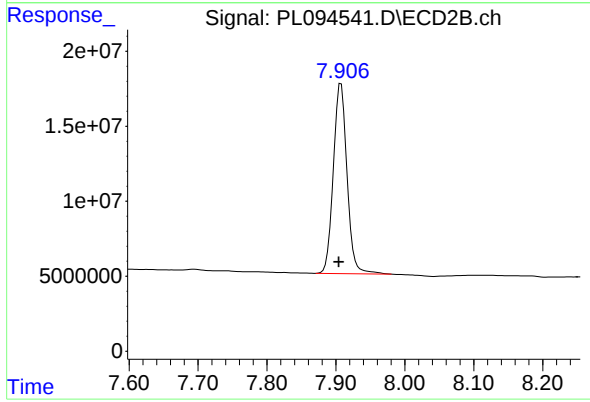
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.007 min
Response: 98878364
Conc: 46.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 03/10/2025



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 174743699
Conc: 45.44 ng/ml