

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030725\
 Data File : PL094552.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 16:04
 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 23:58:52 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...	3.537	2.771	131.0E6	170.2E6	51.585	53.323
28)	SA Decachlor...	9.056	7.907	92357955	155.7E6	43.416	40.484
Target Compounds							
2)	A alpha-BHC	3.993	3.273	188.6E6	258.6E6	49.871	52.614
3)	MA gamma-BHC...	4.326	3.604	181.6E6	248.4E6	49.159	52.739
4)	MA Heptachlor	4.914	3.941	160.3E6	232.7E6	47.284	49.300
5)	MB Aldrin	5.256	4.221	166.4E6	237.8E6	48.499	51.459
6)	B beta-BHC	4.525	3.904	78184221	103.7E6	48.960	52.149
7)	B delta-BHC	4.771	4.132	176.8E6	247.4E6	49.956m	52.234
8)	B Heptachlo...	5.683	4.724	149.5E6	214.2E6	49.596	50.338
9)	A Endosulfan I	6.068	5.093	131.3E6	178.0E6	47.774	44.655
10)	B gamma-Chl...	5.937	4.974	143.1E6	216.1E6	48.723m	49.810
11)	B alpha-Chl...	6.018	5.037	140.5E6	212.8E6	48.503	49.294
12)	B 4,4'-DDE	6.192	5.225	132.9E6	214.9E6	50.882	51.161m
13)	MA Dieldrin	6.343	5.358	137.1E6	218.0E6	48.106	49.750
14)	MA Endrin	6.572	5.633	110.1E6	187.0E6	43.139m	54.925 #
15)	B Endosulfa...	6.793	5.927	114.0E6	185.8E6	45.302	49.678m
16)	A 4,4'-DDD	6.709	5.781	103.5E6	175.9E6	55.965	55.229
17)	MA 4,4'-DDT	7.023	6.031	91685659	155.6E6	43.659	43.738
18)	B Endrin al...	6.924	6.108	90775535	147.9E6	46.628	46.796
19)	B Endosulfa...	7.159	6.331	101.2E6	175.8E6	44.711	47.602
20)	A Methoxychlor	7.500	6.607	48109578	84936714	43.301	43.534
21)	B Endrin ke...	7.643	6.836	113.3E6	199.0E6	45.193	46.625
22)	Mirex	8.116	7.016	86720316	155.5E6	42.030	44.596

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030725\
Data File : PL094552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 16:04
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

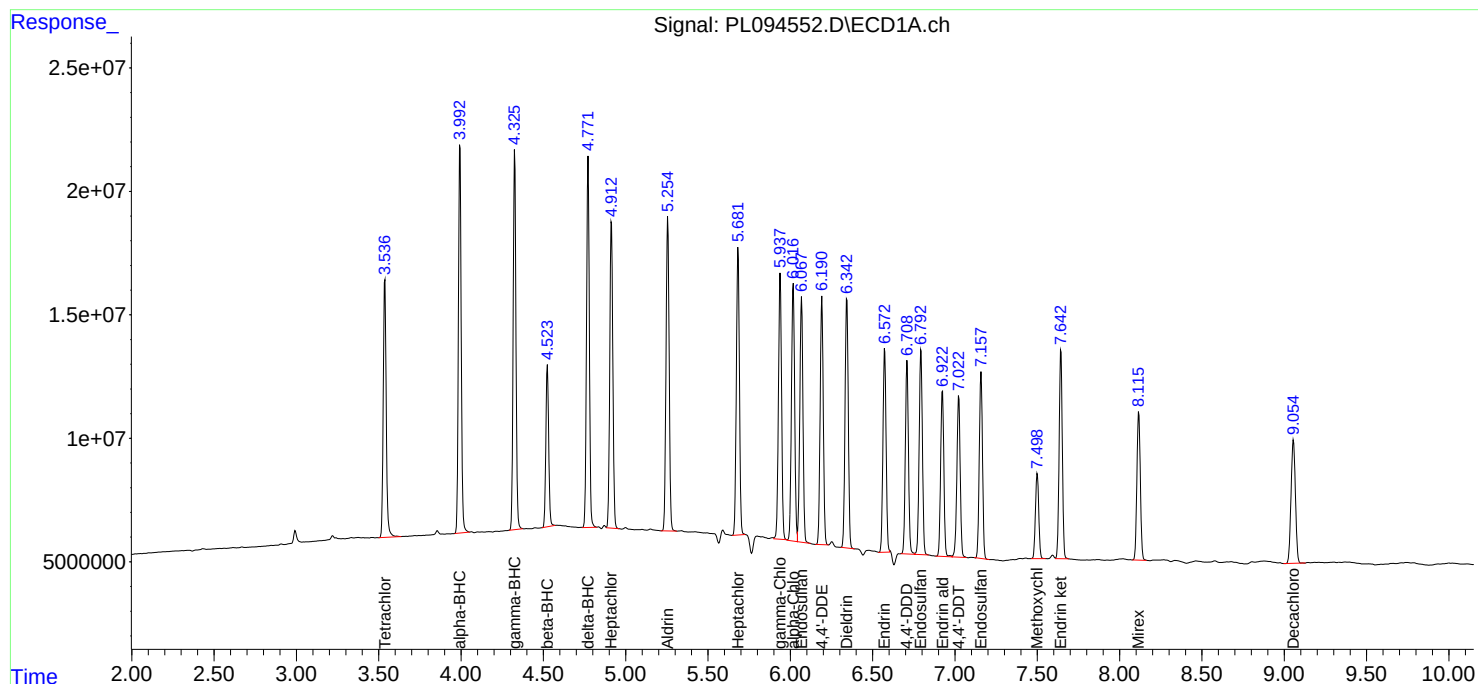
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

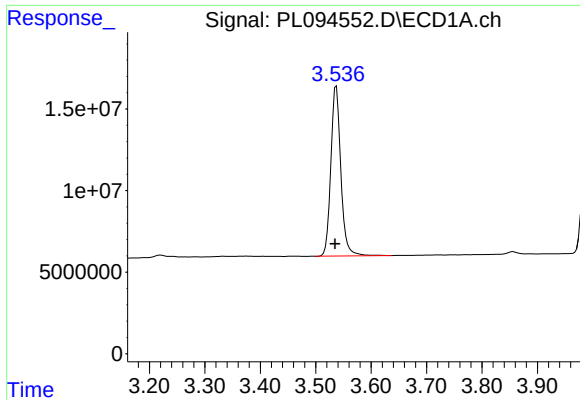
Manual Integrations
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Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 23:58:52 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





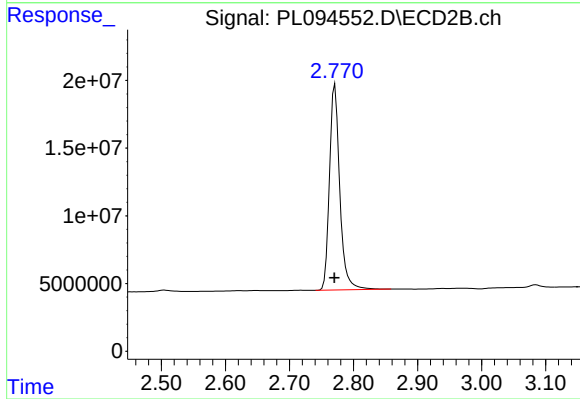
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 130978597
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

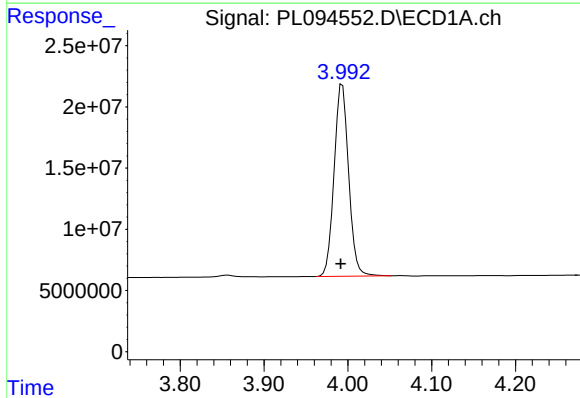
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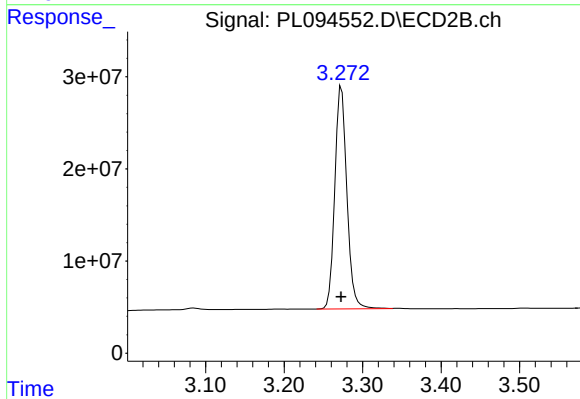
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 170161553
Conc: 53.32 ng/ml



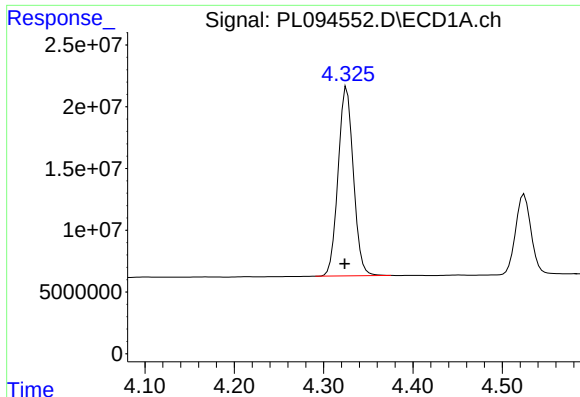
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 188644014
Conc: 49.87 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 258586218
Conc: 52.61 ng/ml



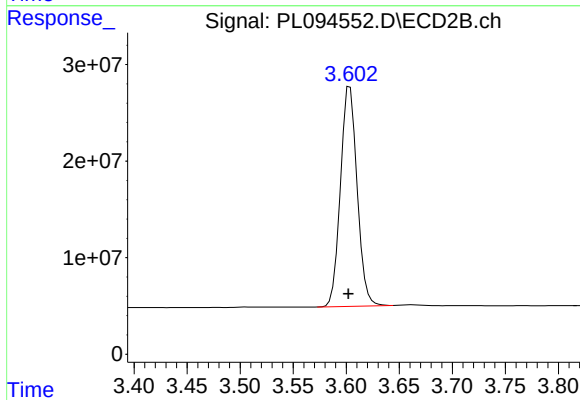
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 181628033
Conc: 49.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

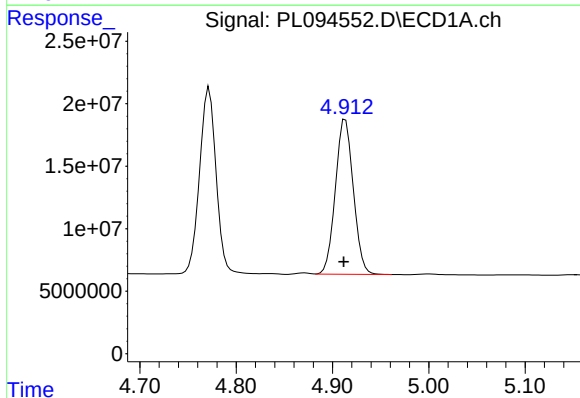
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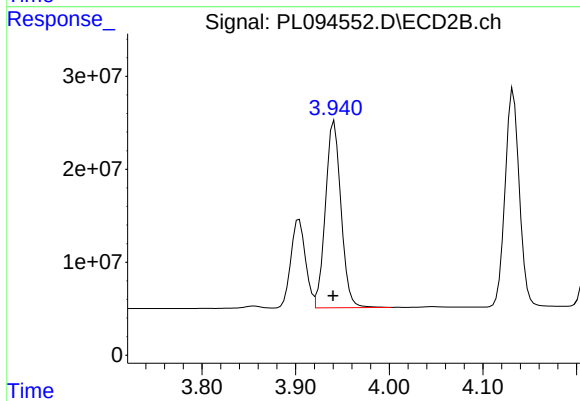
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 248395930
Conc: 52.74 ng/ml



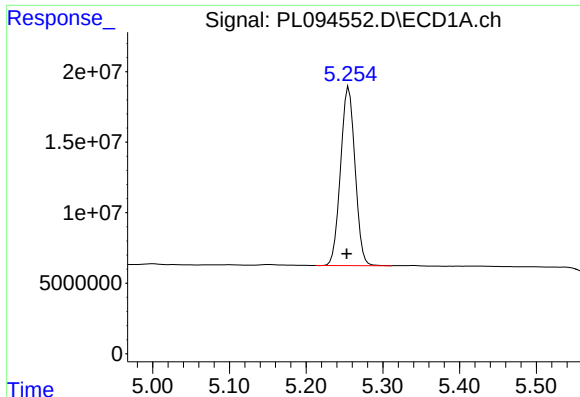
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 160308719
Conc: 47.28 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: 0.002 min
Response: 232712449
Conc: 49.30 ng/ml



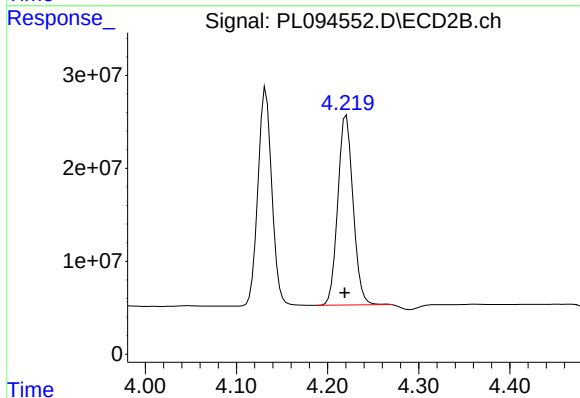
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.002 min
Response: 166435067
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

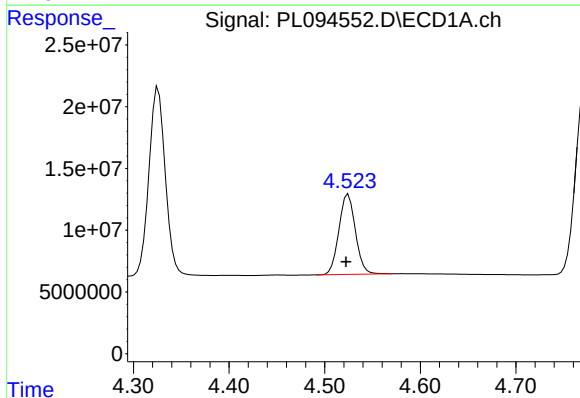
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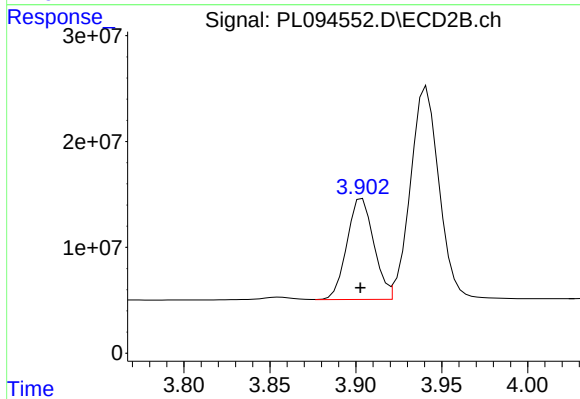
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 237761325
Conc: 51.46 ng/ml



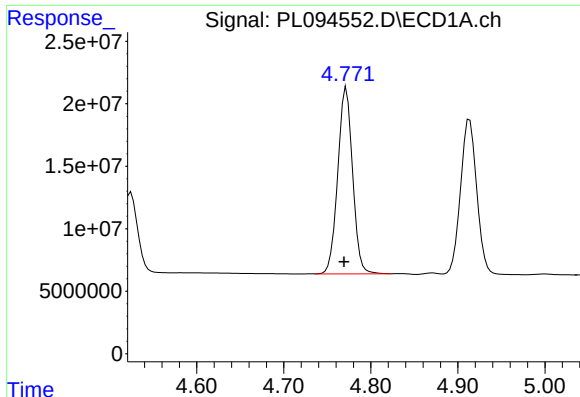
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 78184221
Conc: 48.96 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 103720524
Conc: 52.15 ng/ml



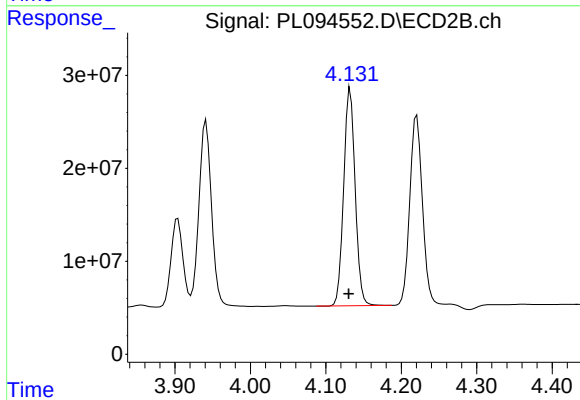
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.001 min
Response: 176758410
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

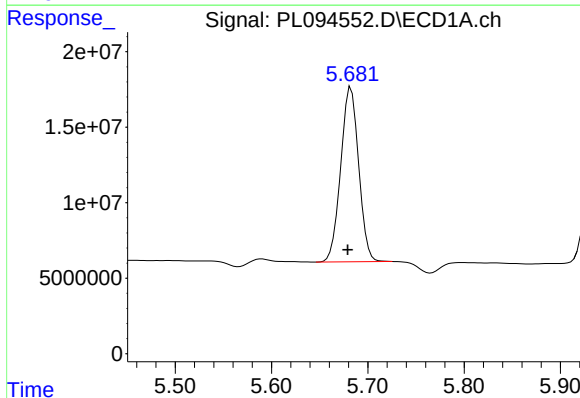
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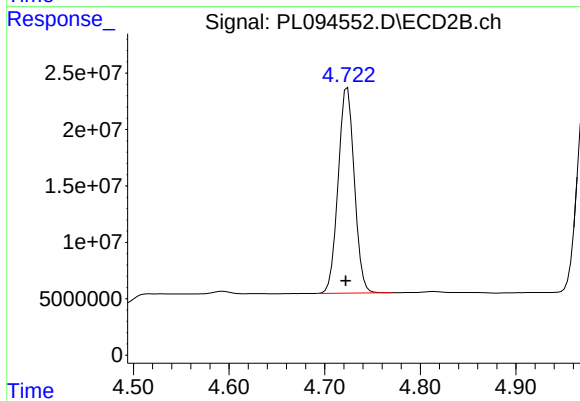
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 247365769
Conc: 52.23 ng/ml



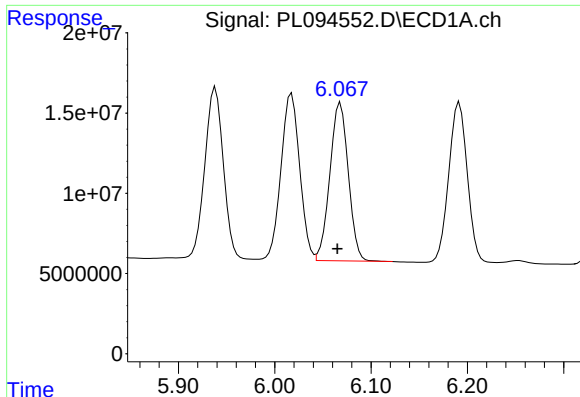
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.003 min
Response: 149451816
Conc: 49.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 214208293
Conc: 50.34 ng/ml



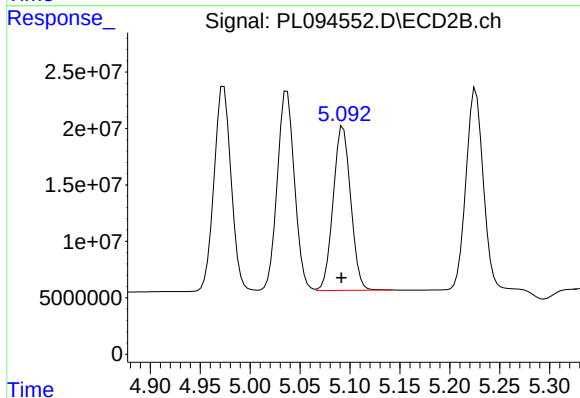
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 131311810
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

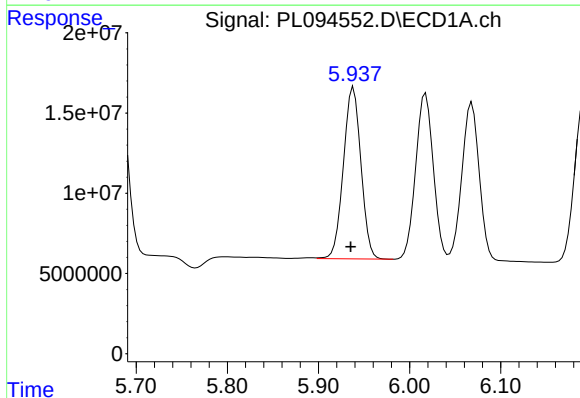
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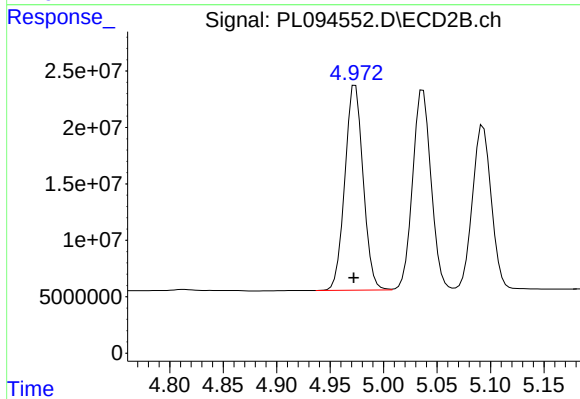
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.002 min
Response: 178020347
Conc: 44.65 ng/ml



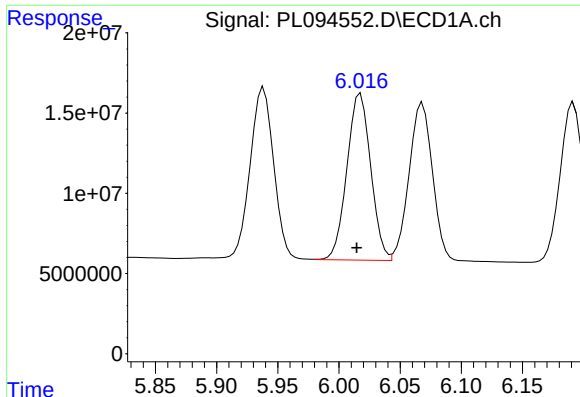
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 143057482
Conc: 48.72 ng/ml m



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 216117848
Conc: 49.81 ng/ml



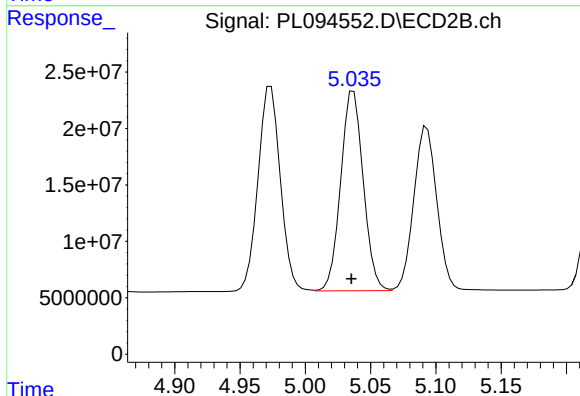
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.003 min
Response: 140517594
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

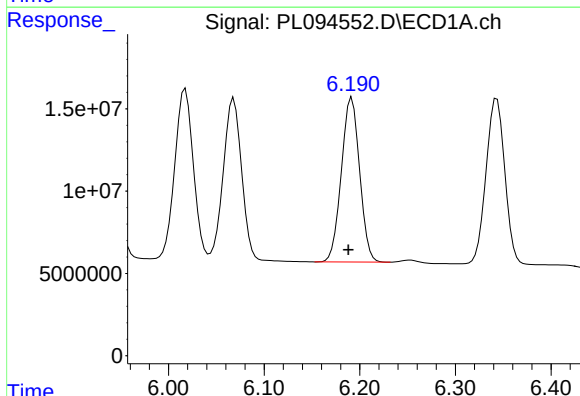
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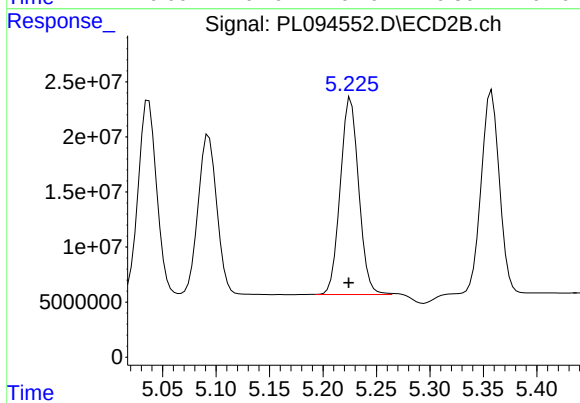
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 212832134
Conc: 49.29 ng/ml



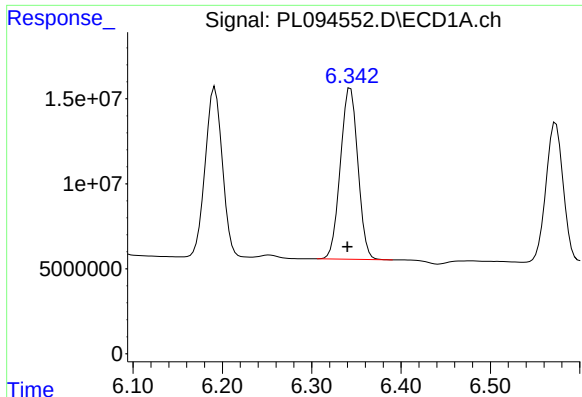
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.004 min
Response: 132888469
Conc: 50.88 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 214877354
Conc: 51.16 ng/ml m



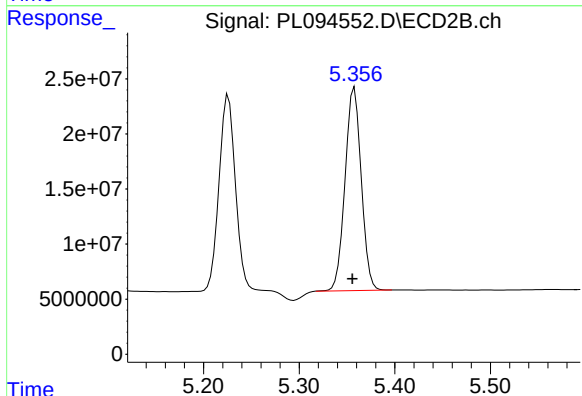
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 137055091
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

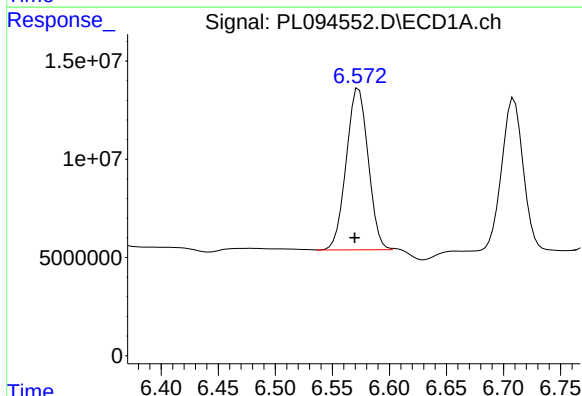
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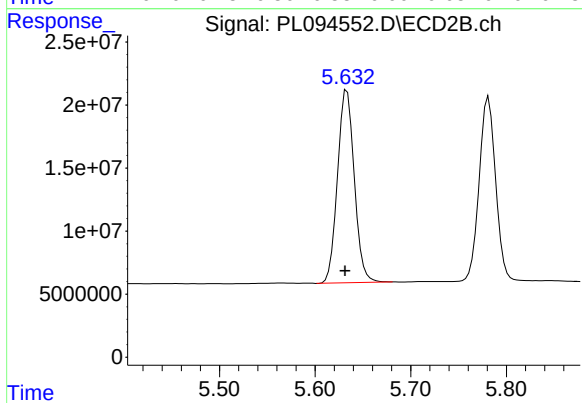
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.002 min
Response: 217995620
Conc: 49.75 ng/ml



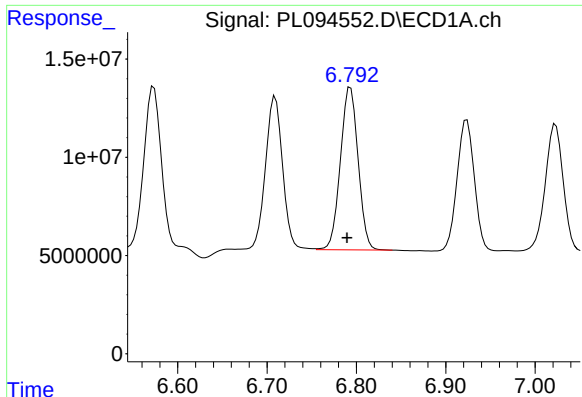
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 110103017
Conc: 43.14 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 187003230
Conc: 54.92 ng/ml



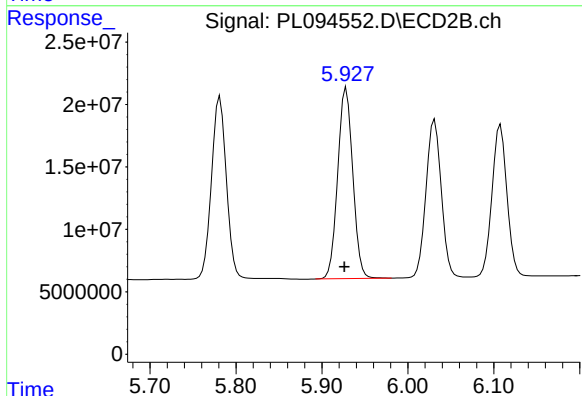
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.004 min
Response: 114036815
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

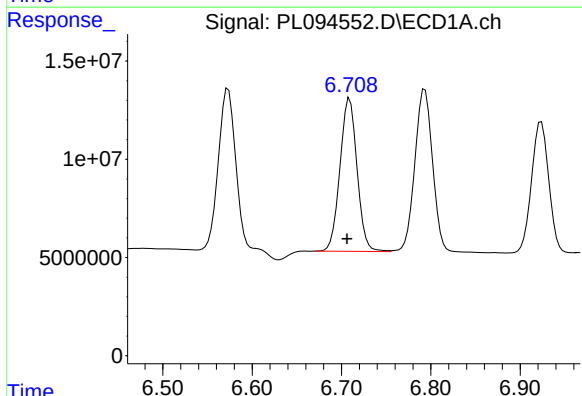
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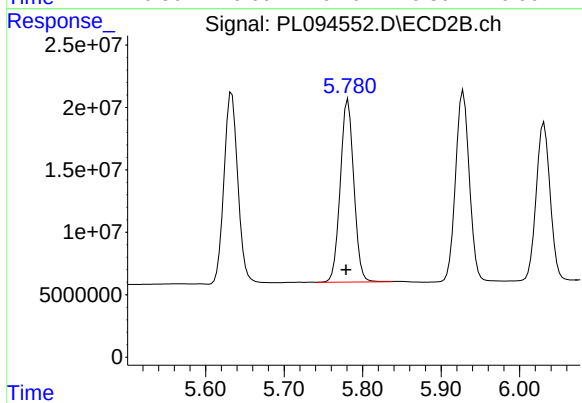
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 185770832
Conc: 49.68 ng/ml m



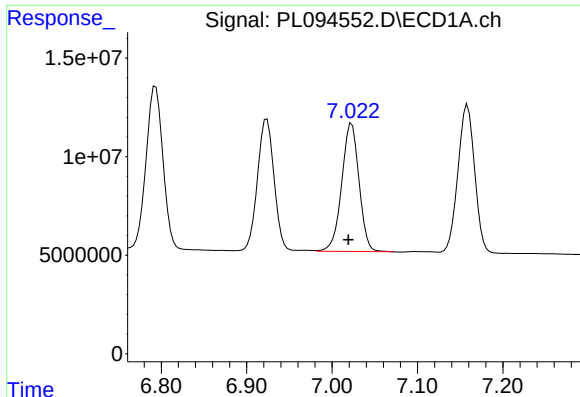
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 103520991
Conc: 55.96 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.003 min
Response: 175921027
Conc: 55.23 ng/ml



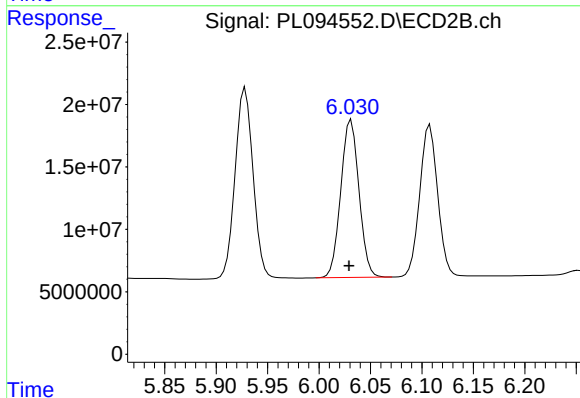
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 91685659
Conc: 43.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

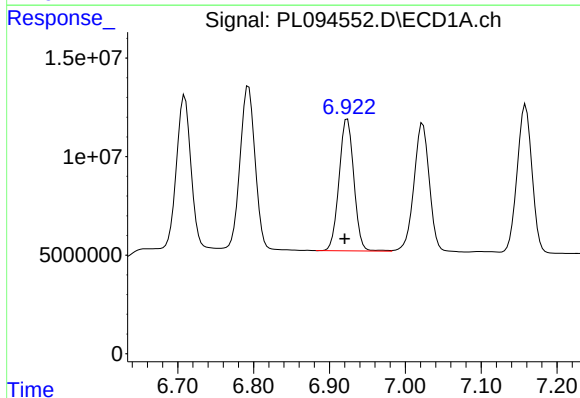
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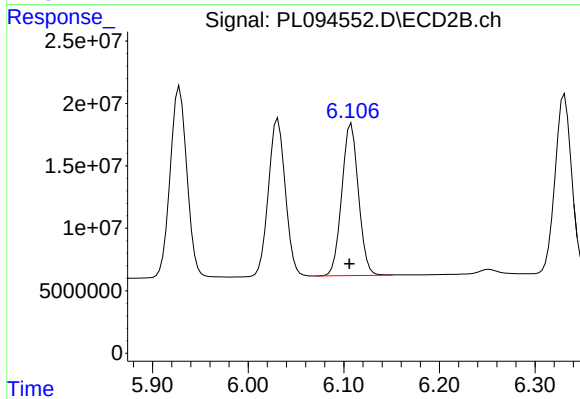
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 155574627
Conc: 43.74 ng/ml



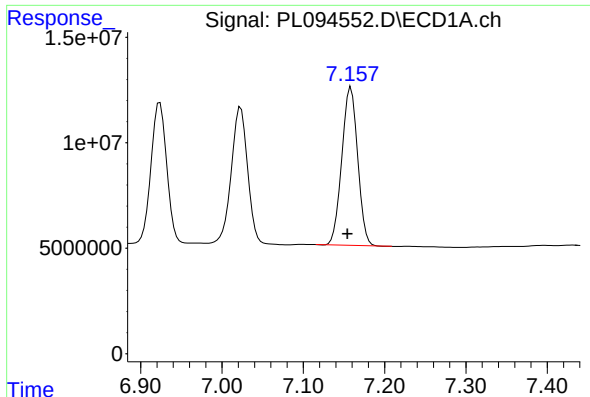
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.004 min
Response: 90775535
Conc: 46.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 147895565
Conc: 46.80 ng/ml



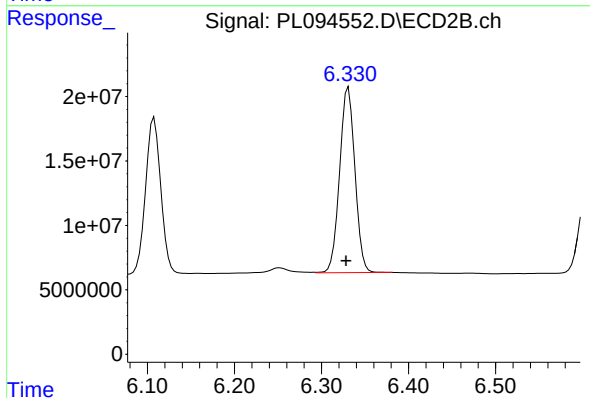
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.004 min
Response: 101219063
Conc: 44.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

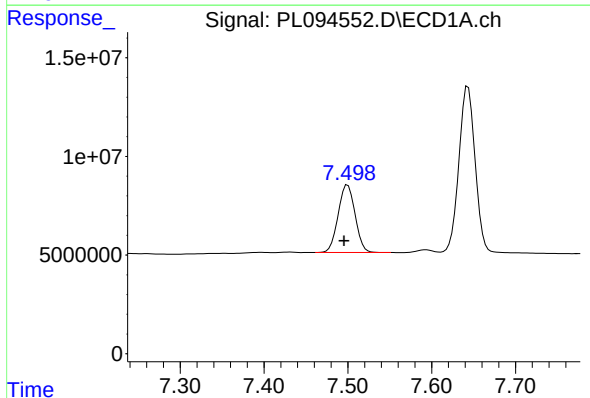
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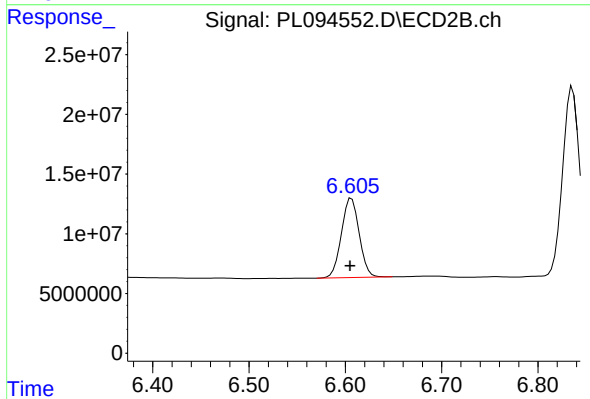
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.003 min
Response: 175826533
Conc: 47.60 ng/ml



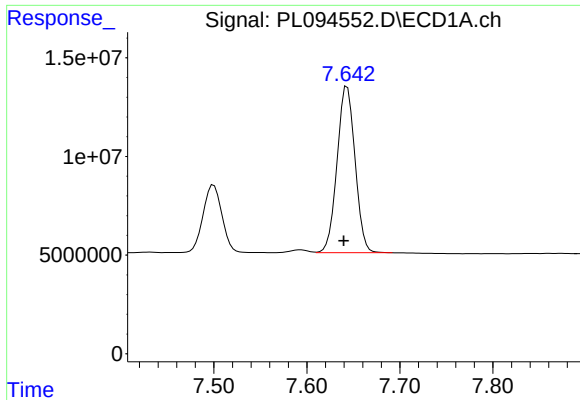
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.004 min
Response: 48109578
Conc: 43.30 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.002 min
Response: 84936714
Conc: 43.53 ng/ml



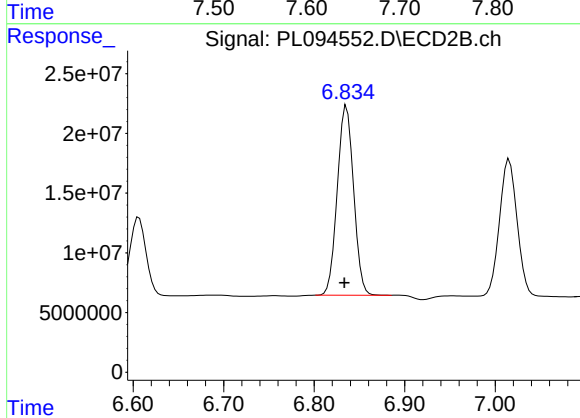
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.004 min
Response: 113294018
Conc: 45.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

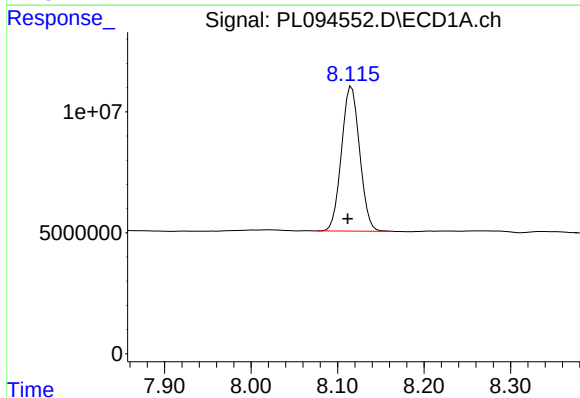
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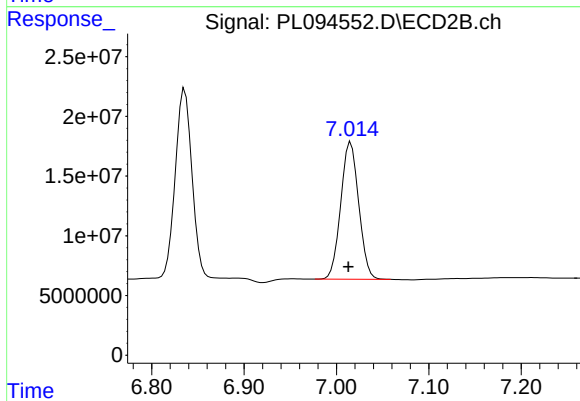
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 198973541
Conc: 46.63 ng/ml



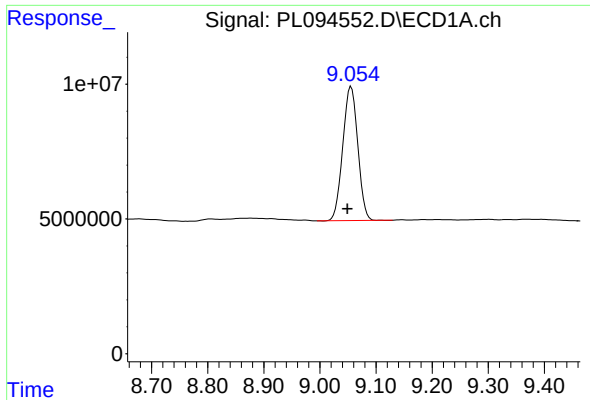
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.005 min
Response: 86720316
Conc: 42.03 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: 0.003 min
Response: 155507794
Conc: 44.60 ng/ml



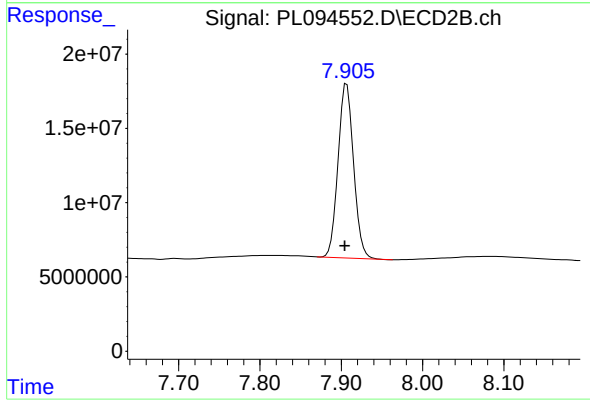
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.007 min
Response: 92357955
Conc: 43.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.002 min
Response: 155687325
Conc: 40.48 ng/ml