

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061325\
 Data File : PL096051.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 14:43
 Operator : AR\AJ
 Sample : Q2310-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-7MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 22:33:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061125.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 11 14:04:36 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...	3.570	2.883	58142846	68936726	17.893m	16.985
28)	SA Decachlor...	9.113	8.065	35537030	58967251	14.538	12.402
Target Compounds							
2)	A alpha-BHC	4.022	3.392	226.2E6	290.1E6	45.288	47.555
3)	MA gamma-BHC...	4.353	3.725	206.5E6	266.6E6	44.275	45.847
4)	MA Heptachlor	4.951	4.077	154.5E6	226.7E6	37.478	39.337
5)	MB Aldrin	5.293	4.362	195.6E6	255.5E6	43.923	46.578
6)	B beta-BHC	4.541	4.021	89522581	115.8E6	45.184	44.965
7)	B delta-BHC	4.789	4.256	192.9E6	256.6E6	42.404	44.370
8)	B Heptachlo...	5.714	4.864	170.8E6	228.6E6	43.312	44.531
9)	A Endosulfan I	6.097	5.237	155.4E6	210.3E6	41.558	38.013
10)	B gamma-Chl...	5.969	5.117	174.8E6	241.2E6	43.251	44.366
11)	B alpha-Chl...	6.050	5.181	168.5E6	234.1E6	41.811	41.071
12)	B 4,4'-DDE	6.220	5.370	159.0E6	228.4E6	42.751	42.160
13)	MA Dieldrin	6.370	5.503	165.3E6	227.3E6	41.483	41.895
14)	MA Endrin	6.598	5.778	129.4E6	190.3E6	40.861	40.063
15)	B Endosulfa...	6.812	6.069	137.0E6	188.7E6	39.418	38.315m
16)	A 4,4'-DDD	6.731	5.923	124.9E6	180.3E6	41.556	39.396
17)	MA 4,4'-DDT	7.047	6.176	86706630	137.7E6	30.460	29.210m
18)	B Endrin al...	6.941	6.248	67522801	96367562	27.243	26.257
19)	B Endosulfa...	7.174	6.472	121.0E6	154.8E6	39.134m	33.001
20)	A Methoxychlor	7.522	6.749	39609219	68002678	27.664	26.421
21)	B Endrin ke...	7.657	6.979	119.6E6	173.6E6	35.655	31.375
22)	Mirex	8.140	7.172	100.3E6	144.8E6	39.748	33.182

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061325\
Data File : PL096051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 14:43
Operator : AR\AJ
Sample : Q2310-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

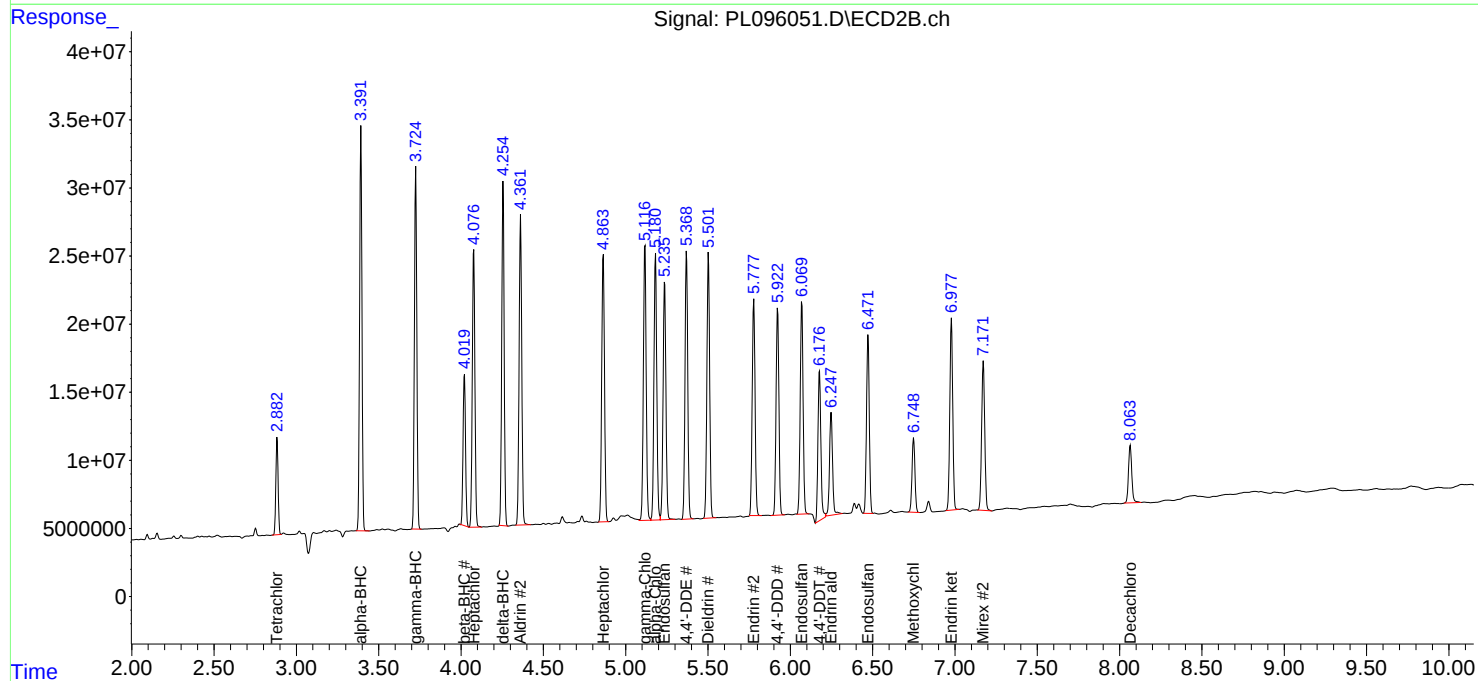
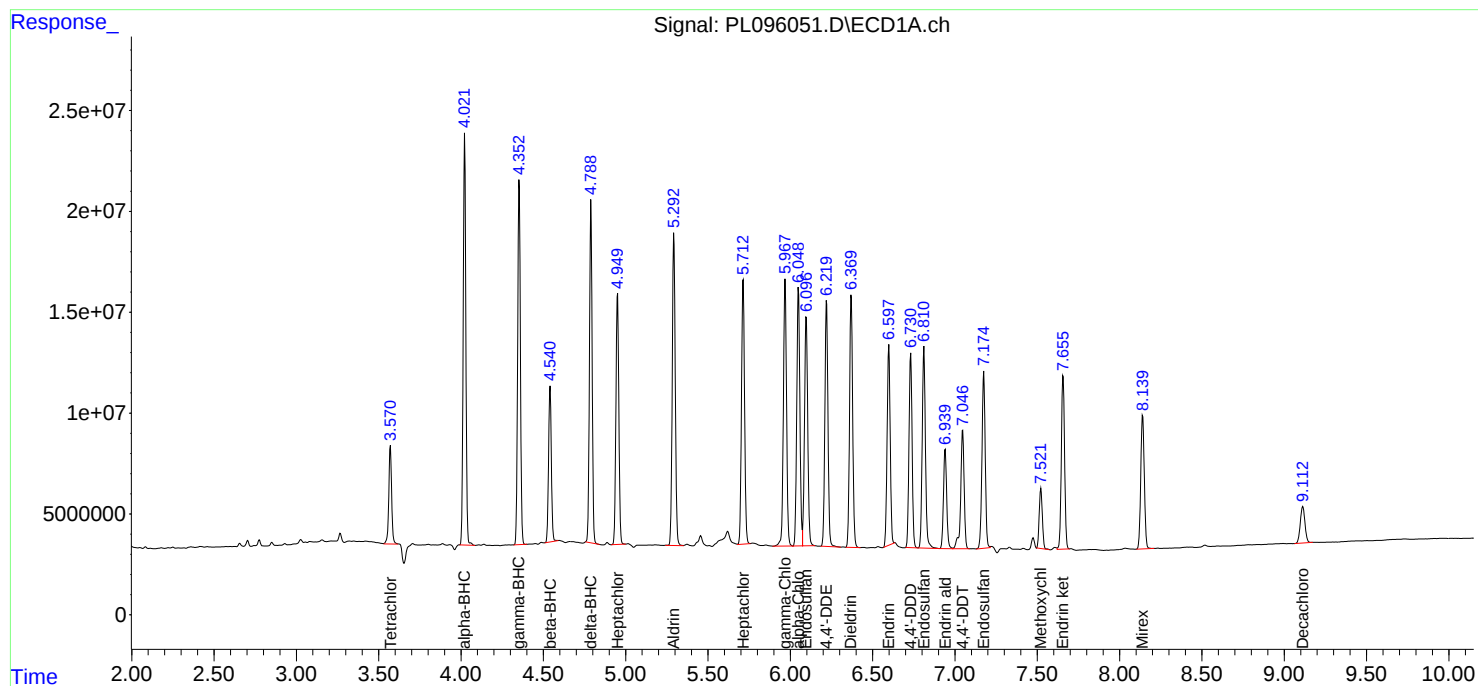
Instrument :
ECD_L
ClientSampleId :
TP-7MSD

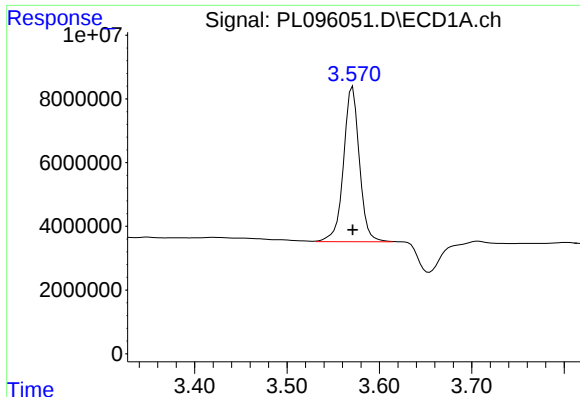
Manual Integrations
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Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 22:33:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061125.M
Quant Title : GC Extractables
QLast Update : Wed Jun 11 14:04:36 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





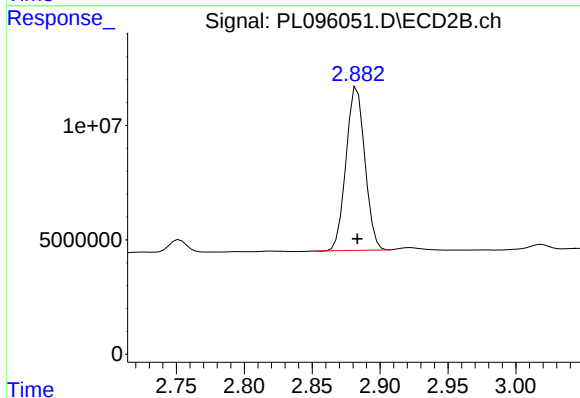
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: -0.001 min
Response: 58142846
Conc: 17.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MSD

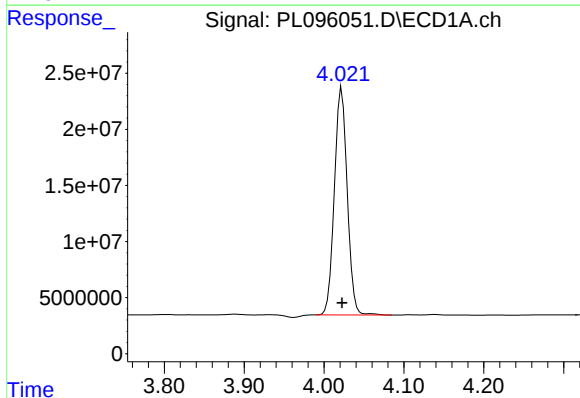
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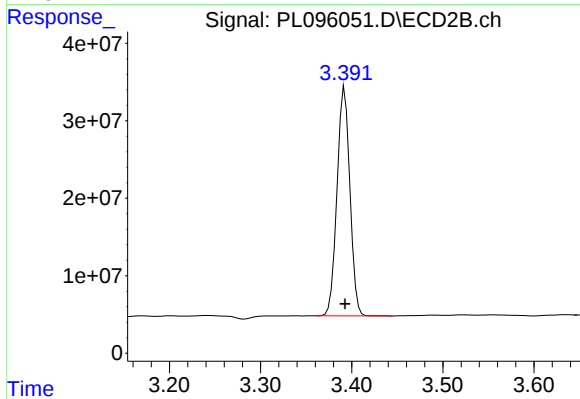
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 68936726
Conc: 16.99 ng/ml



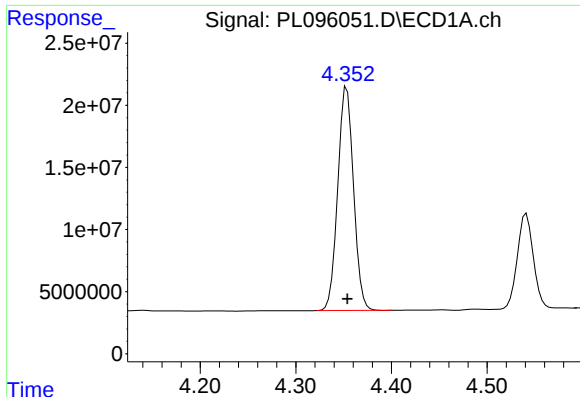
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 226219378
Conc: 45.29 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 290094700
Conc: 47.56 ng/ml



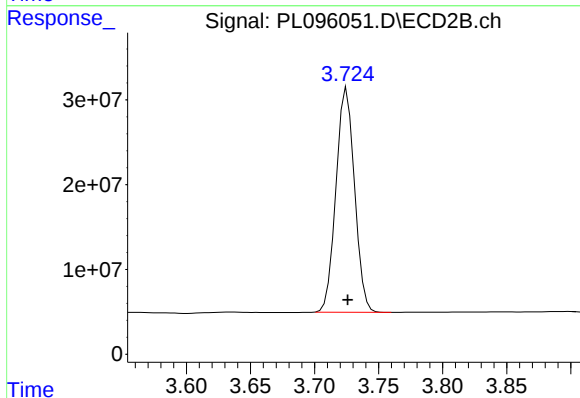
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 206519624
Conc: 44.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MSD

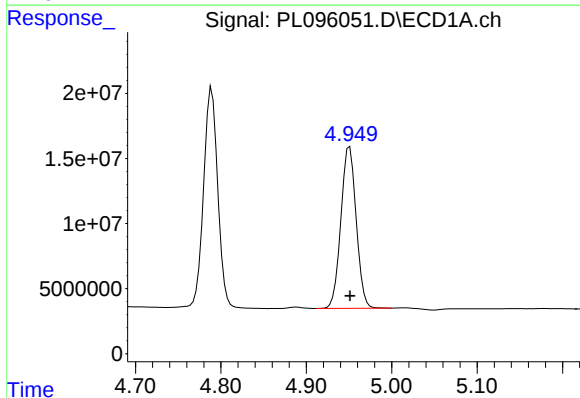
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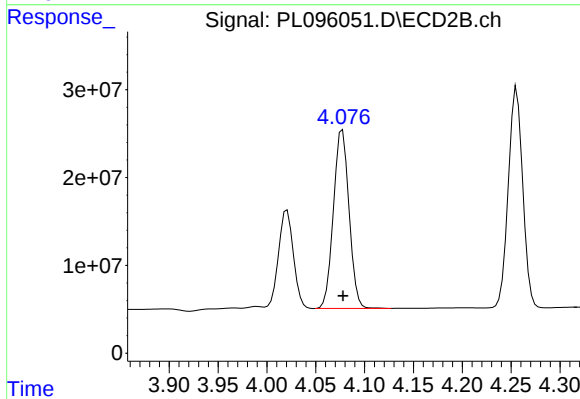
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 266560874
Conc: 45.85 ng/ml



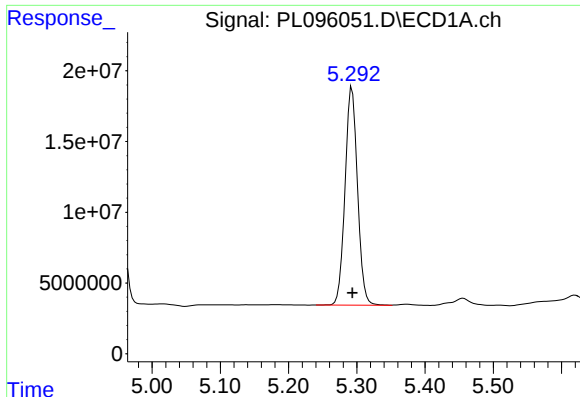
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 154511551
Conc: 37.48 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 226687986
Conc: 39.34 ng/ml



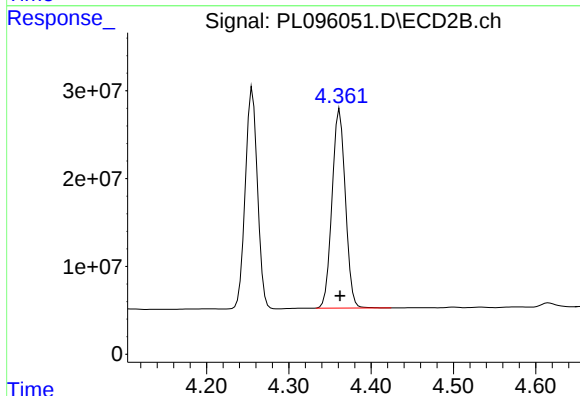
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 195609165
Conc: 43.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MSD

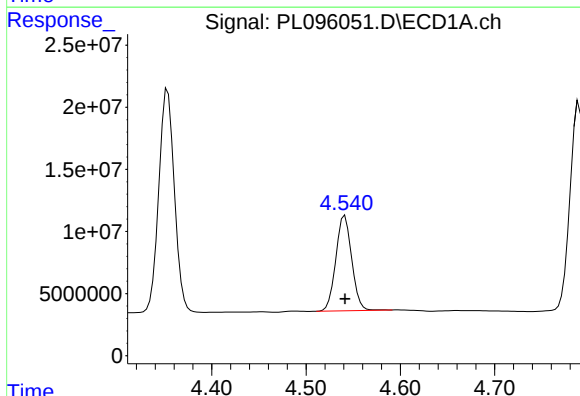
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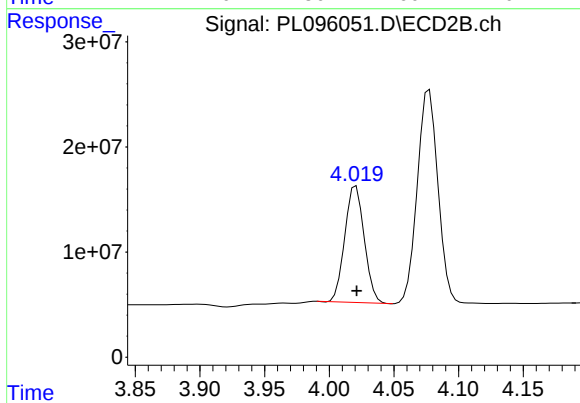
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 255515745
Conc: 46.58 ng/ml



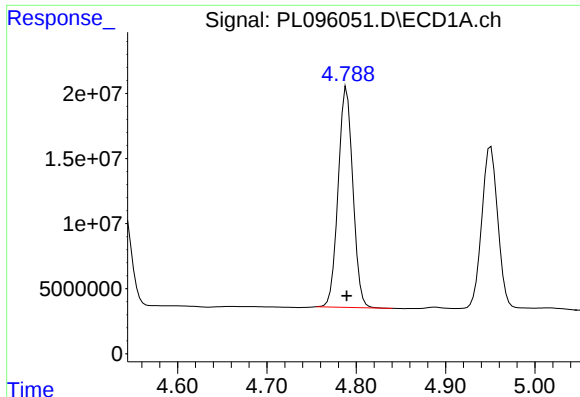
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 89522581
Conc: 45.18 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 115793877
Conc: 44.97 ng/ml



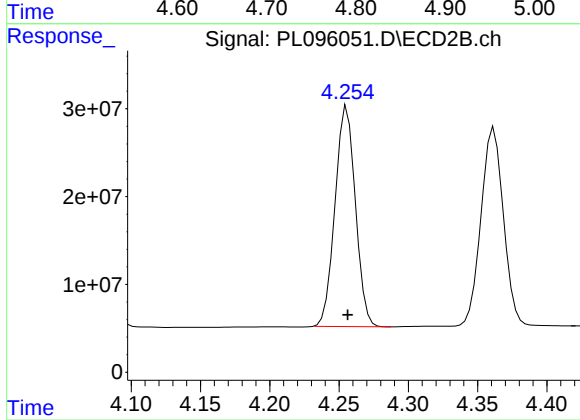
#7 delta-BHC

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 192908322
Conc: 42.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MSD

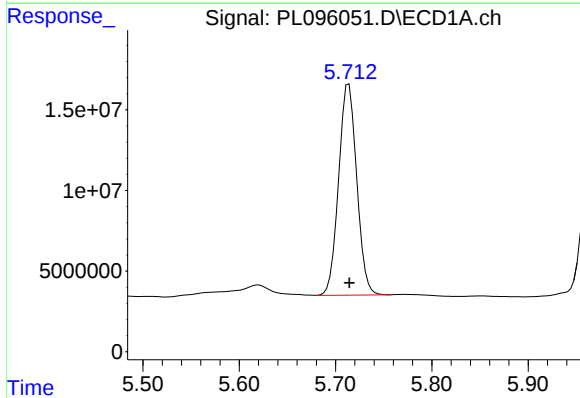
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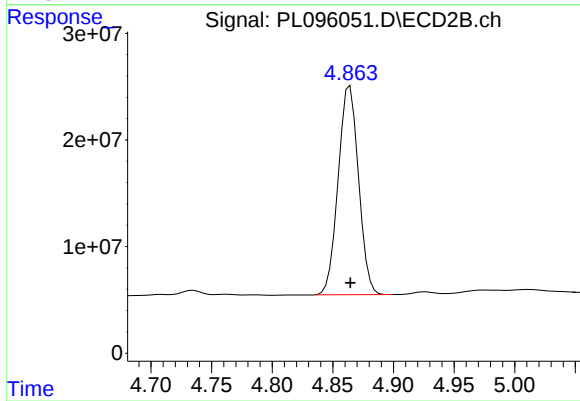
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 256610932
Conc: 44.37 ng/ml



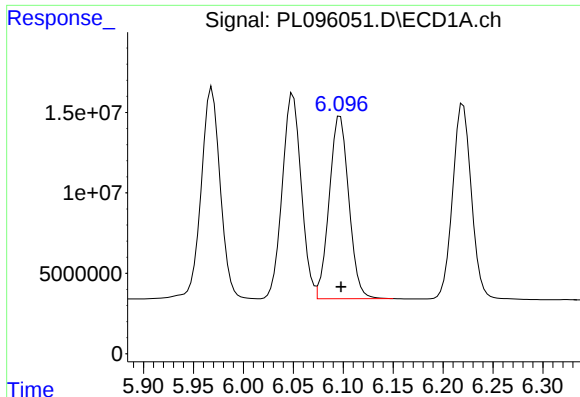
#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 170845397
Conc: 43.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 228551922
Conc: 44.53 ng/ml



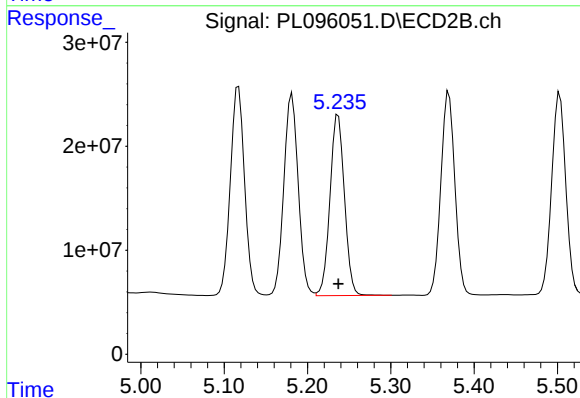
#9 Endosulfan I

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 155357926
Conc: 41.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MSD

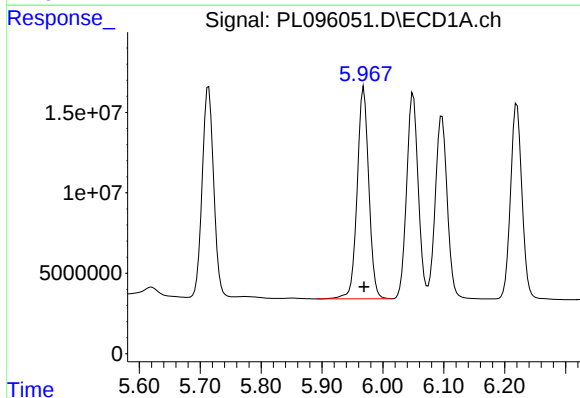
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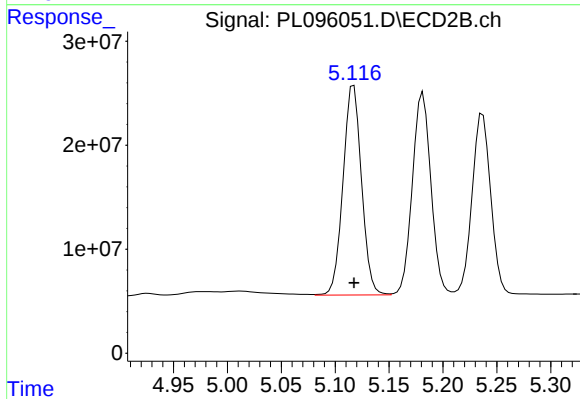
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 210304040
Conc: 38.01 ng/ml



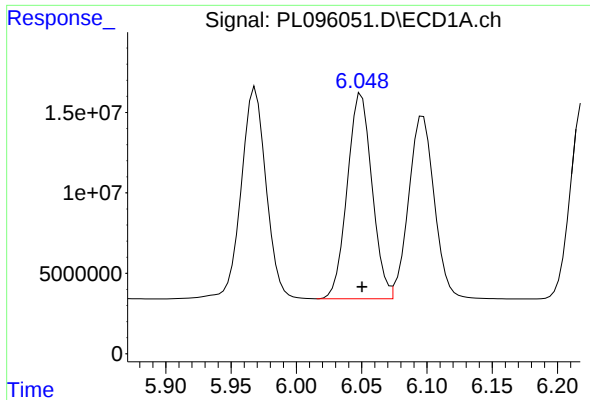
#10 gamma-Chlordane

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 174835875
Conc: 43.25 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 241225144
Conc: 44.37 ng/ml



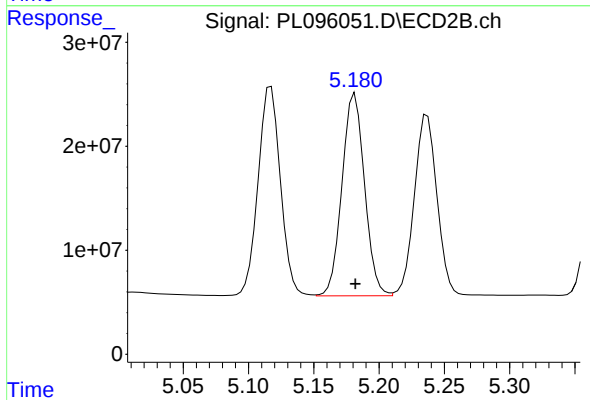
#11 alpha-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 168489134
Conc: 41.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MSD

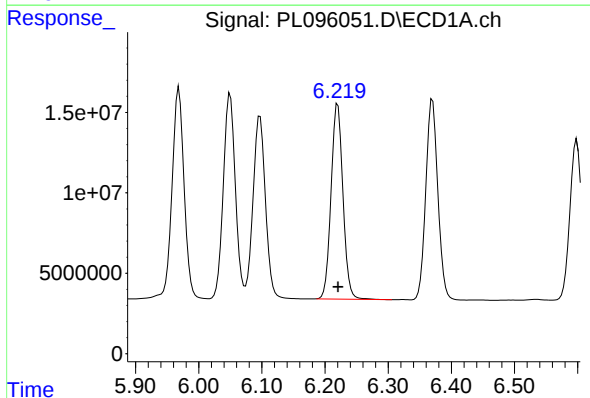
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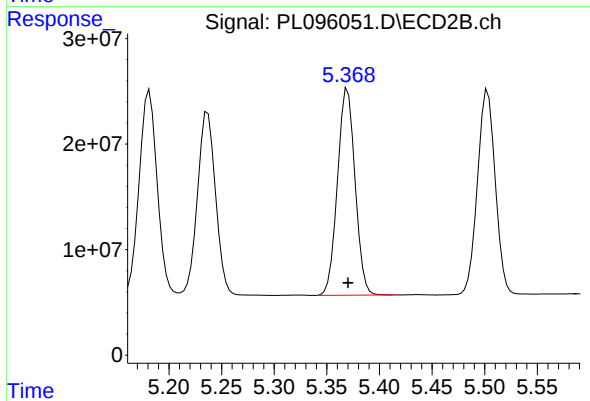
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 234073133
Conc: 41.07 ng/ml



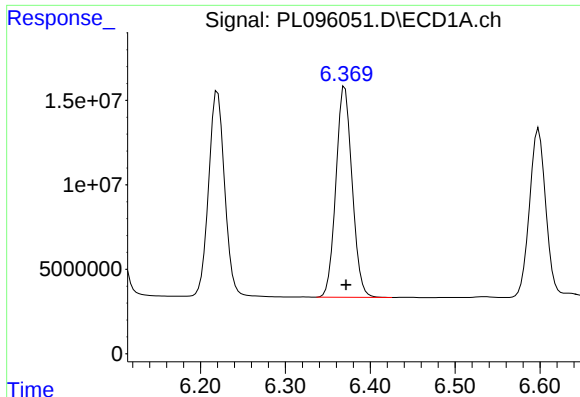
#12 4,4'-DDE

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 159039788
Conc: 42.75 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 228413193
Conc: 42.16 ng/ml



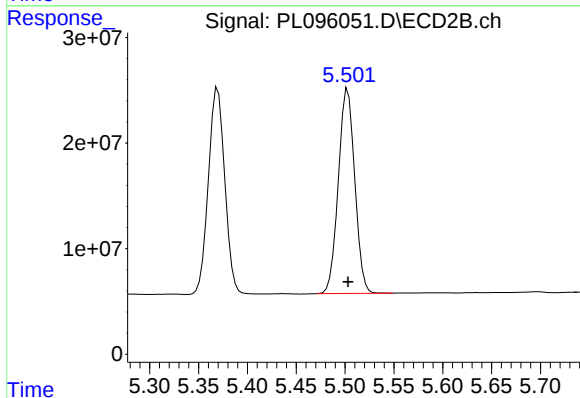
#13 Dieldrin

R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 165327147
Conc: 41.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MSD

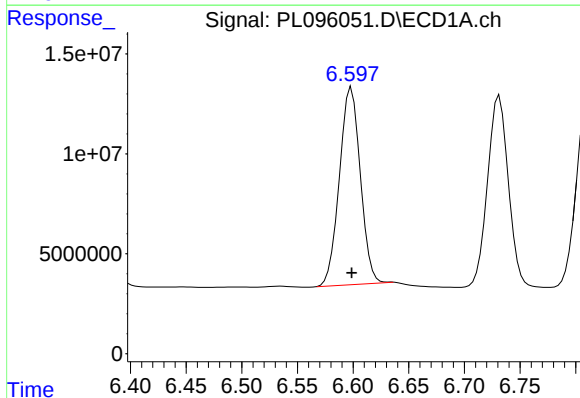
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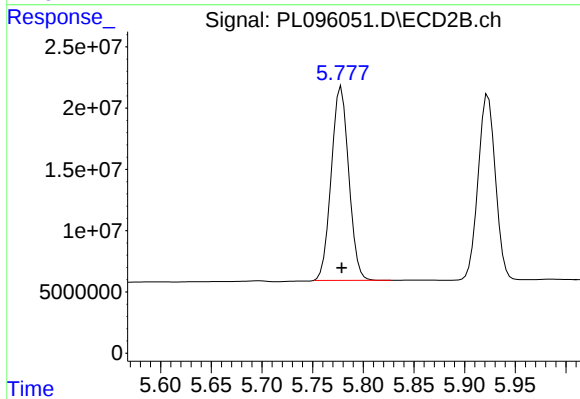
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 227343180
Conc: 41.90 ng/ml



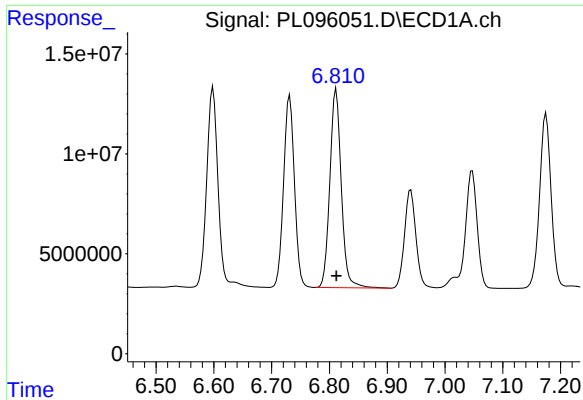
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 129417894
Conc: 40.86 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 190276750
Conc: 40.06 ng/ml



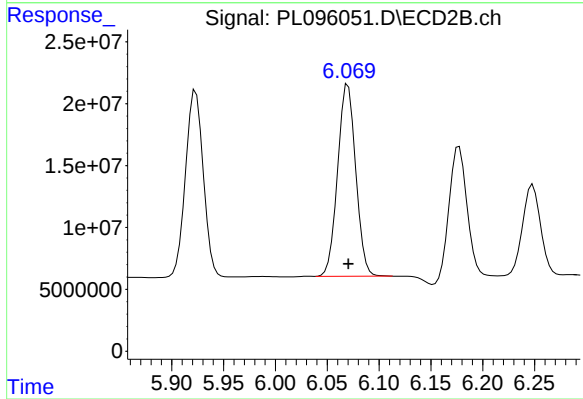
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 136992240
Conc: 39.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MSD

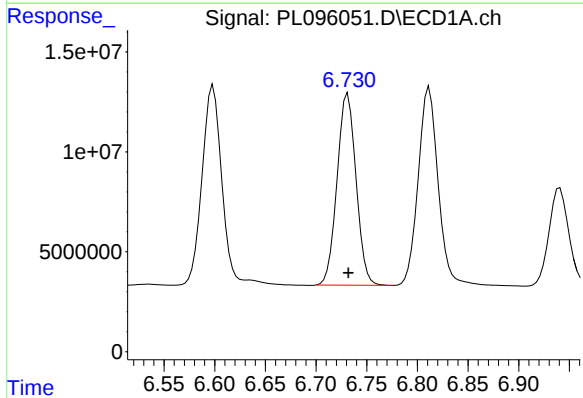
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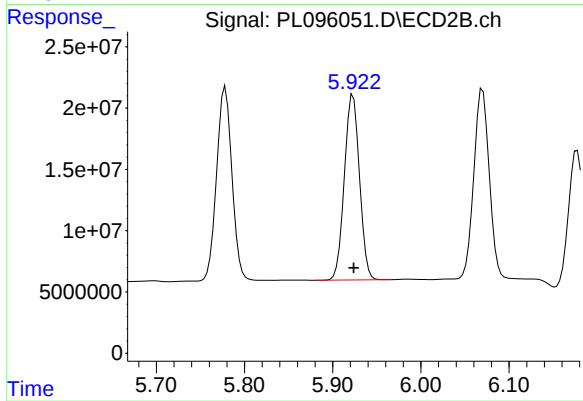
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.002 min
Response: 188712580
Conc: 38.32 ng/ml m



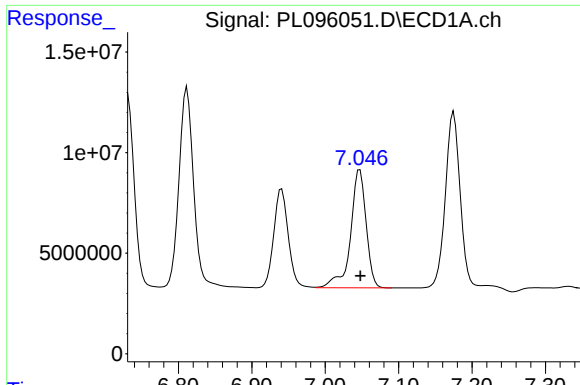
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 124948192
Conc: 41.56 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 180294390
Conc: 39.40 ng/ml



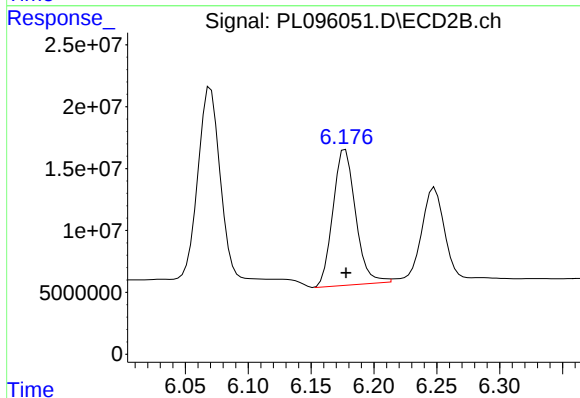
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 86706630
Conc: 30.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MSD

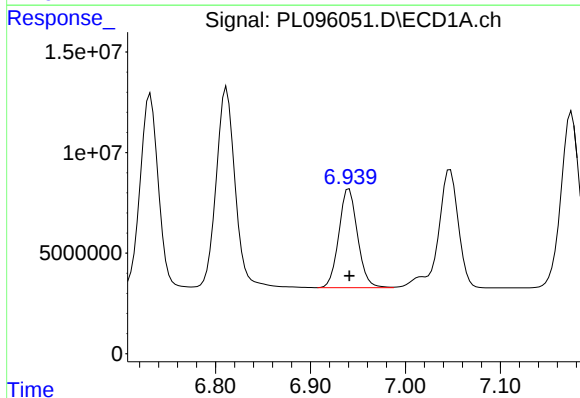
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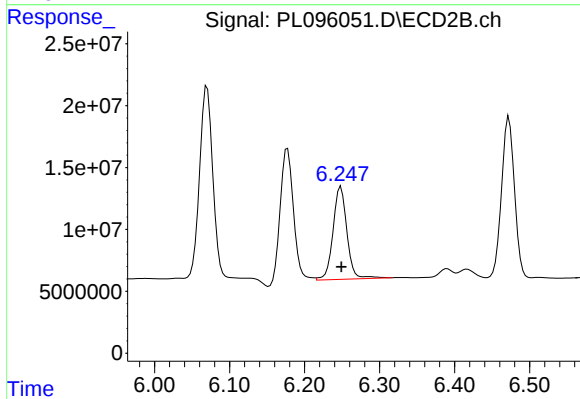
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 137678193
Conc: 29.21 ng/ml m



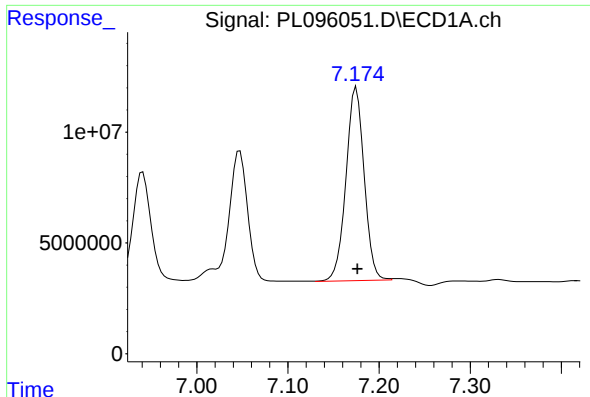
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 67522801
Conc: 27.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 96367562
Conc: 26.26 ng/ml



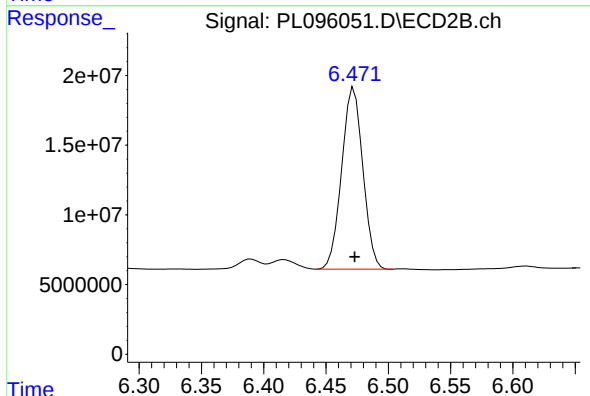
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: -0.003 min
Response: 121032646
Conc: 39.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MSD

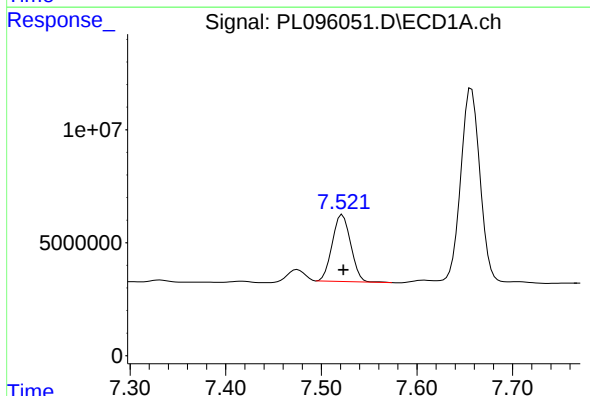
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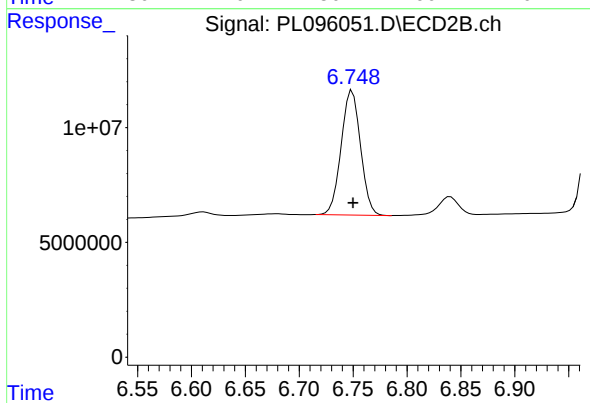
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 154773067
Conc: 33.00 ng/ml



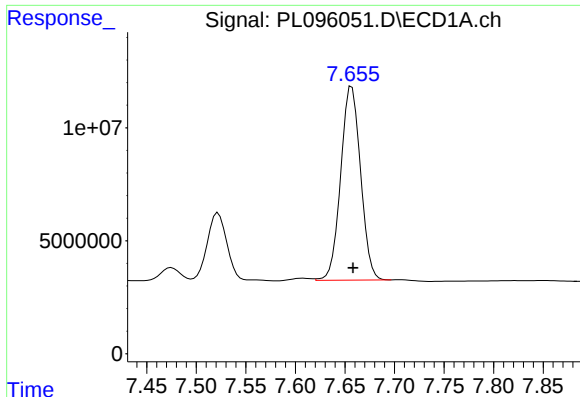
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 39609219
Conc: 27.66 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 68002678
Conc: 26.42 ng/ml



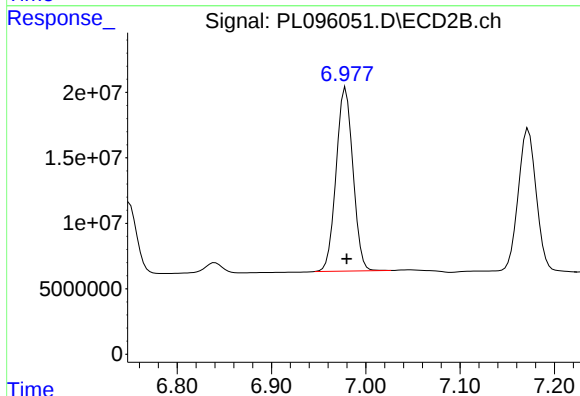
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.001 min
Response: 119629545
Conc: 35.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MSD

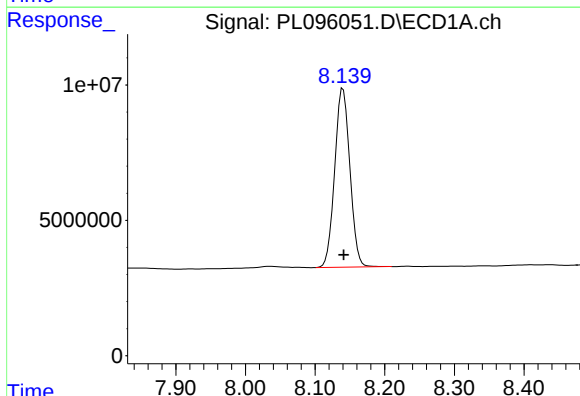
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



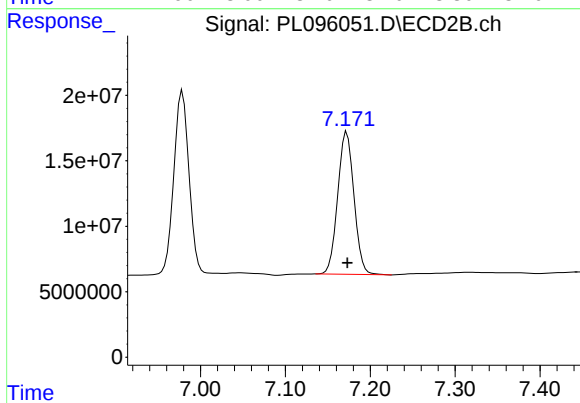
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 173590120
Conc: 31.37 ng/ml



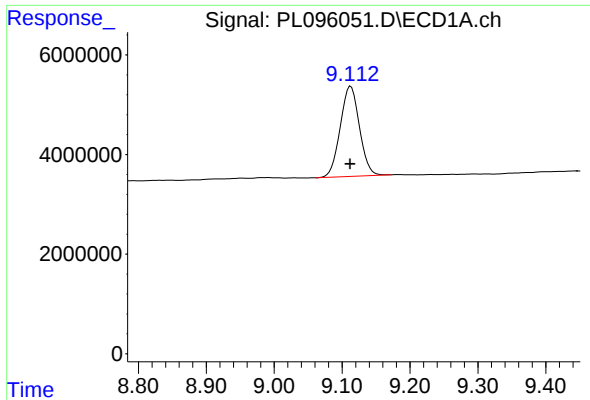
#22 Mirex

R.T.: 8.140 min
Delta R.T.: -0.001 min
Response: 100282572
Conc: 39.75 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 144764884
Conc: 33.18 ng/ml



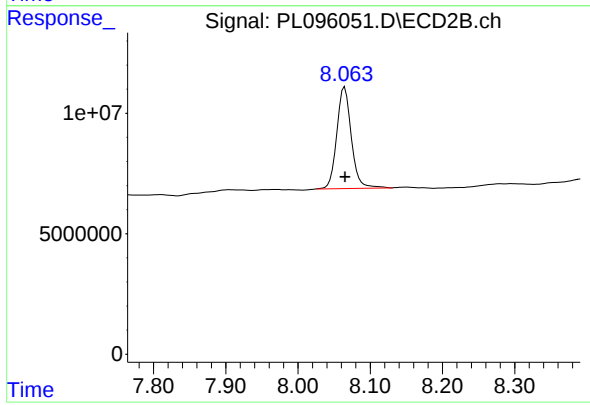
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 35537030
Conc: 14.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 58967251
Conc: 12.40 ng/ml