

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072325\
 Data File : PL096538.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 16:02
 Operator : AR\AJ
 Sample : Q2668-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/24/2025
 Supervised By : mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 05:09:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.534	2.828	67587826	116.8E6	18.522m	20.245
28)	SA Decachlor...	9.015	7.992	39614702	61431627	14.082	12.320
Target Compounds							
2)	A alpha-BHC	3.983	3.334	264.0E6	455.8E6	51.334	54.046
3)	MA gamma-BHC...	4.311	3.666	241.3E6	411.3E6	48.460	52.220
4)	MA Heptachlor	4.902	4.014	237.8E6	404.9E6	51.915m	53.222
5)	MB Aldrin	5.243	4.297	242.4E6	360.1E6	50.138	49.354
6)	B beta-BHC	4.498	3.962	102.5E6	160.0E6	49.300	46.736
7)	B delta-BHC	4.743	4.195	230.6E6	384.6E6	51.459	49.931
8)	B Heptachlo...	5.663	4.799	226.4E6	310.8E6	54.558	46.496
9)	A Endosulfan I	6.044	5.170	188.6E6	275.4E6	46.708	38.390
10)	B gamma-Chl...	5.917	5.050	296.0E6	443.9E6	66.890	63.229m
11)	B alpha-Chl...	5.998	5.115	298.1E6	407.9E6	68.070	54.238
12)	B 4,4'-DDE	6.167	5.304	167.5E6	283.6E6	45.169	43.881
13)	MA Dieldrin	6.316	5.434	189.0E6	303.0E6	44.696	44.431
14)	MA Endrin	6.543	5.709	151.5E6	270.1E6	48.708	44.296
15)	B Endosulfa...	6.756	6.001	145.8E6	272.2E6	42.007	46.428
16)	A 4,4'-DDD	6.675	5.856	153.9E6	218.1E6	52.854	42.518
17)	MA 4,4'-DDT	6.990	6.109	134.8E6	218.9E6	44.427	38.168
18)	B Endrin al...	6.884	6.179	120.5E6	185.1E6	53.893	41.552
19)	B Endosulfa...	7.117	6.402	137.5E6	219.5E6	44.953	39.029
20)	A Methoxychlor	7.461	6.681	72398953	111.3E6	45.956m	36.628
21)	B Endrin ke...	7.596	6.907	139.8E6	225.3E6	42.351m	36.032
22)	Mirex	8.076	7.097	119.0E6	172.7E6	42.761	34.766

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072325\
Data File : PL096538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:02
Operator : AR\AJ
Sample : Q2668-09MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

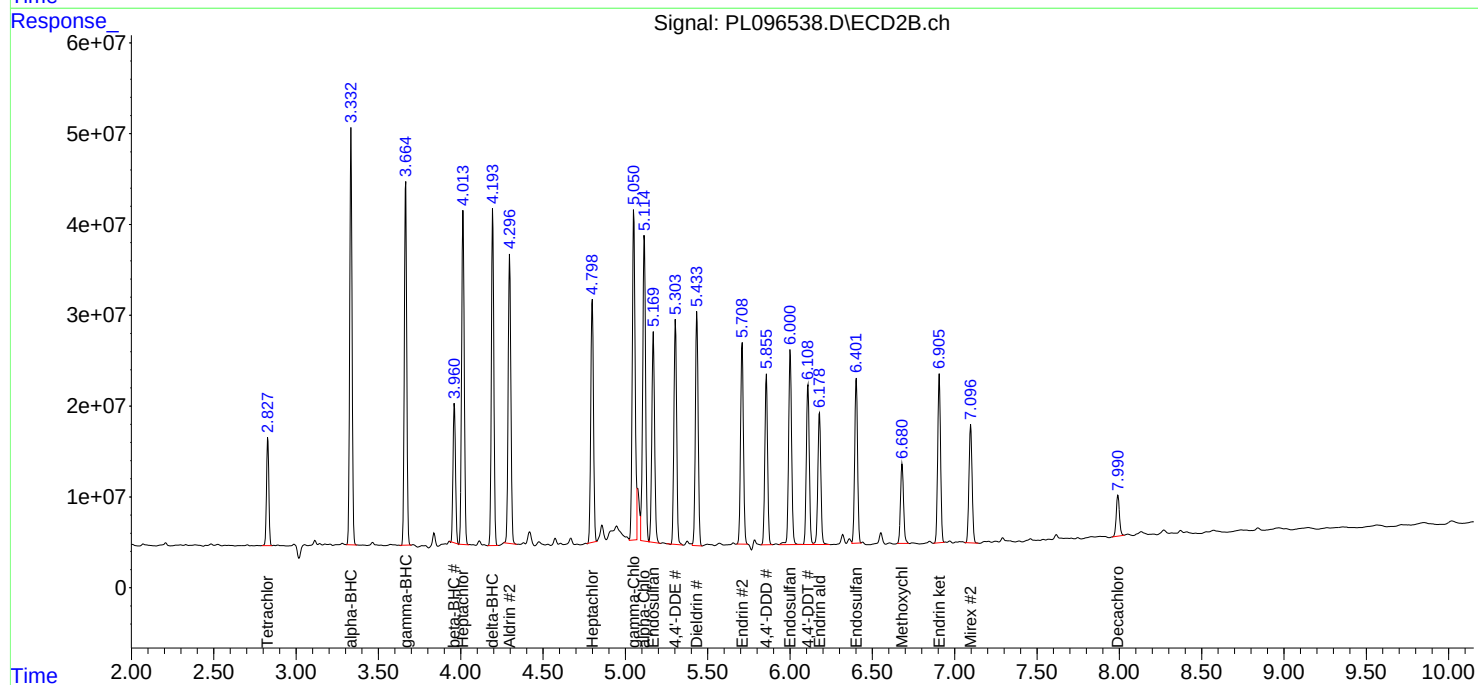
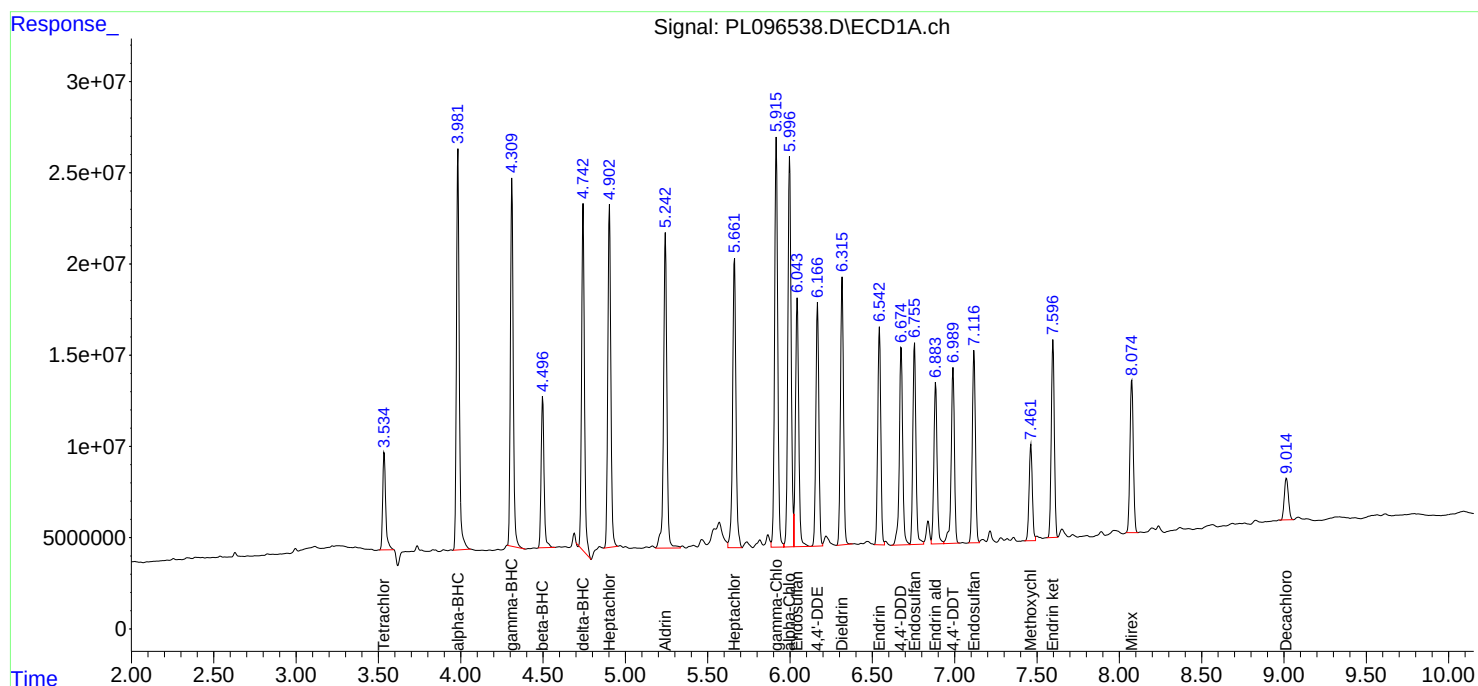
Instrument :
ECD_L
ClientSampleId :
TP-1MS

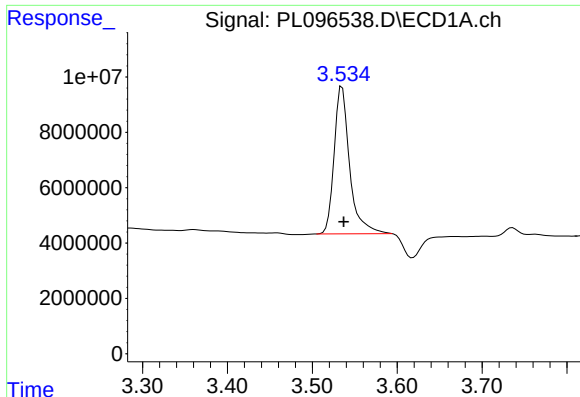
Manual Integrations
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Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 05:09:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





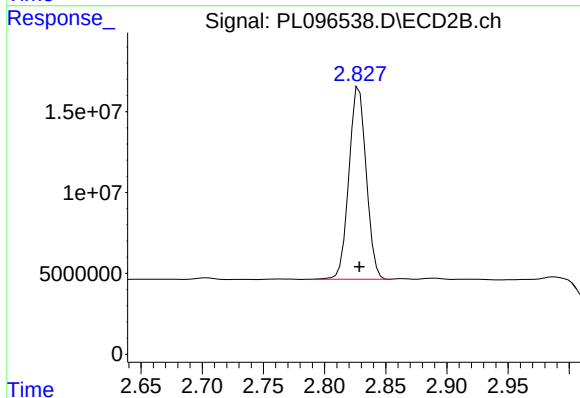
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 67587826
Conc: 18.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

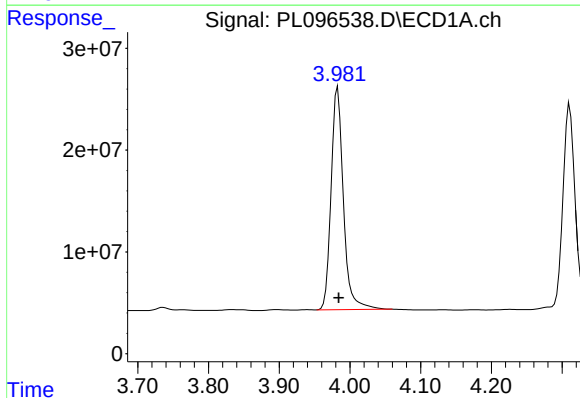
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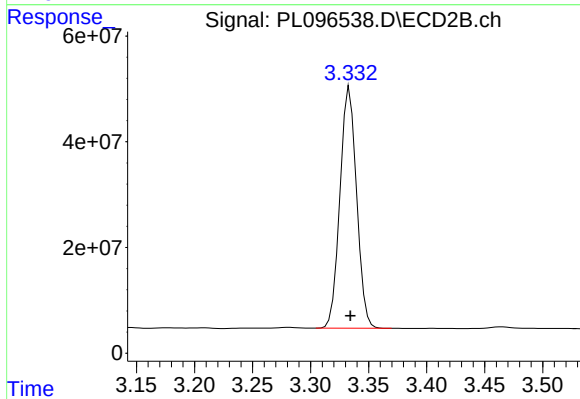
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 116839373
Conc: 20.25 ng/ml



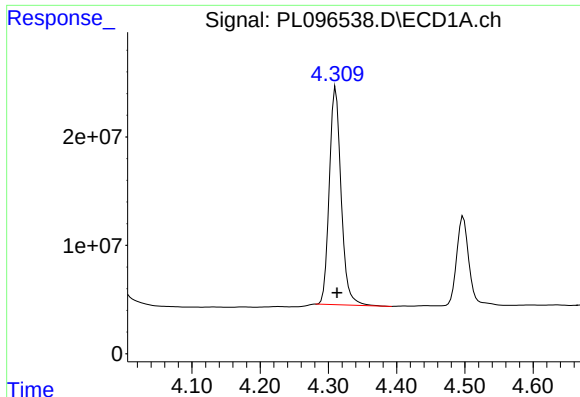
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.001 min
Response: 264020520
Conc: 51.33 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 455846194
Conc: 54.05 ng/ml



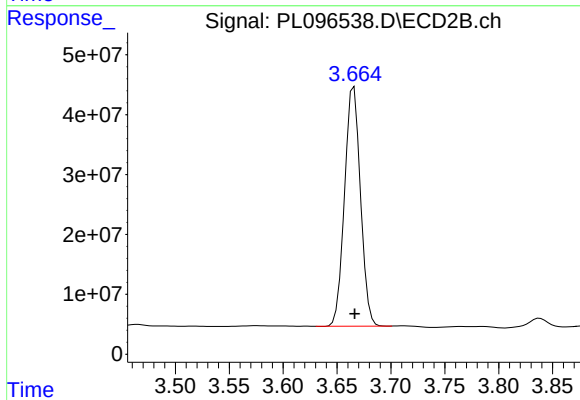
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: -0.002 min
Response: 241313456
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

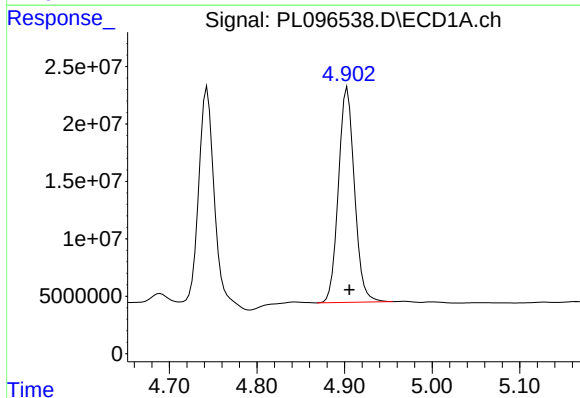
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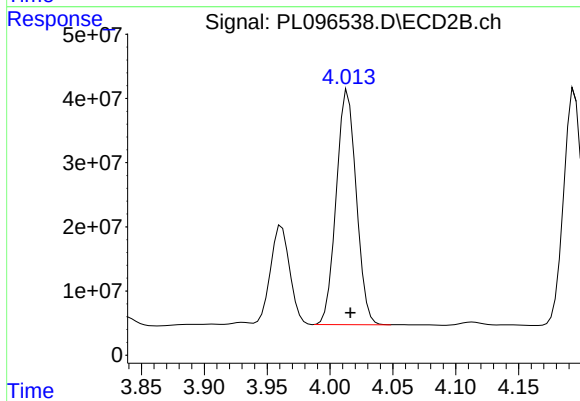
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 411278490
Conc: 52.22 ng/ml



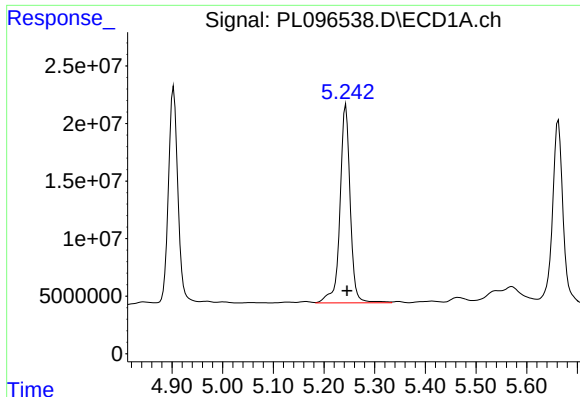
#4 Heptachlor

R.T.: 4.902 min
Delta R.T.: -0.004 min
Response: 237835912
Conc: 51.92 ng/ml m



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 404900356
Conc: 53.22 ng/ml



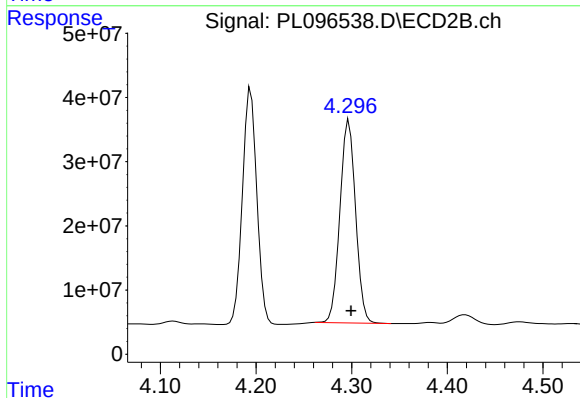
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: -0.003 min
Response: 242354096
Conc: 50.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

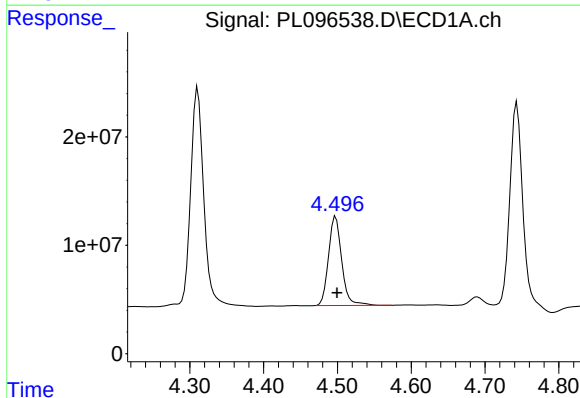
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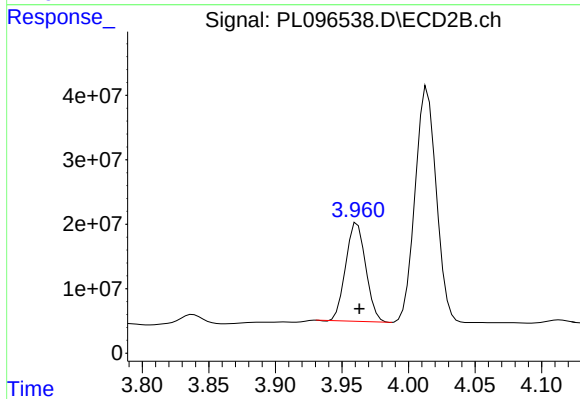
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 360069903
Conc: 49.35 ng/ml



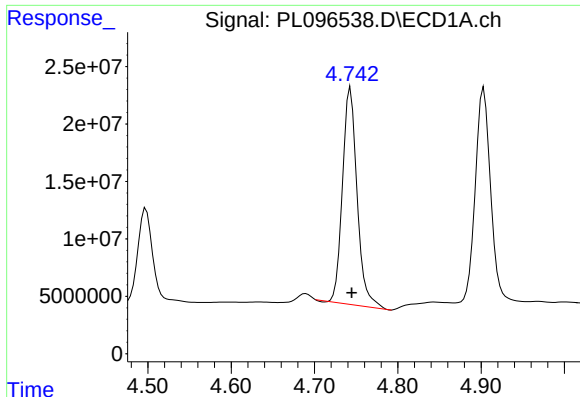
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 102483744
Conc: 49.30 ng/ml



#6 beta-BHC

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 160019762
Conc: 46.74 ng/ml



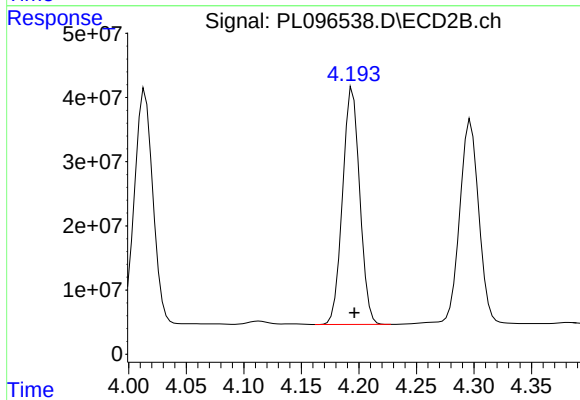
#7 delta-BHC

R.T.: 4.743 min
Delta R.T.: -0.001 min
Response: 230602511
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

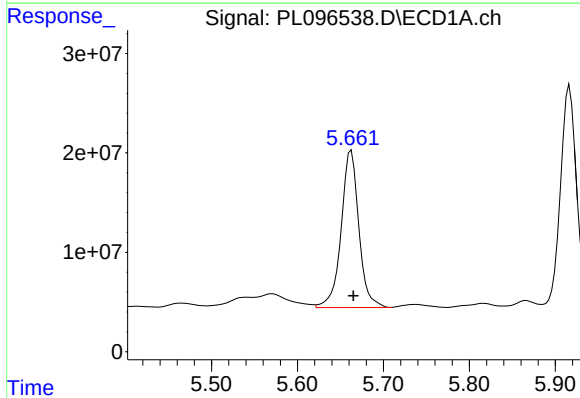
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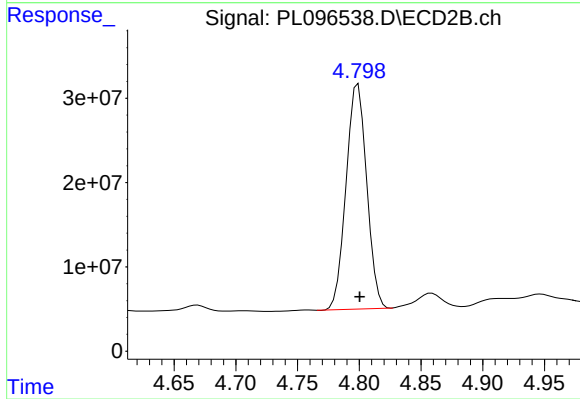
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: -0.001 min
Response: 384561951
Conc: 49.93 ng/ml



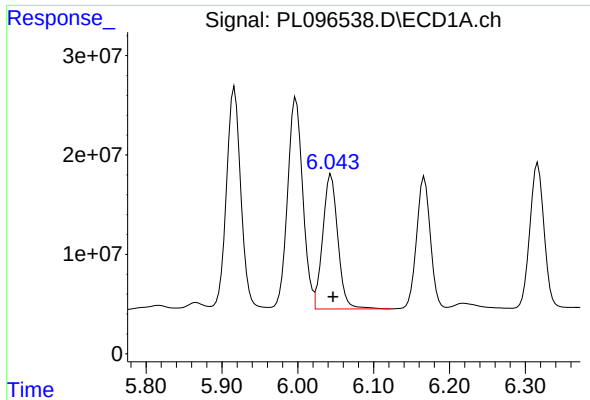
#8 Heptachlor epoxide

R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 226367794
Conc: 54.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 310822578
Conc: 46.50 ng/ml



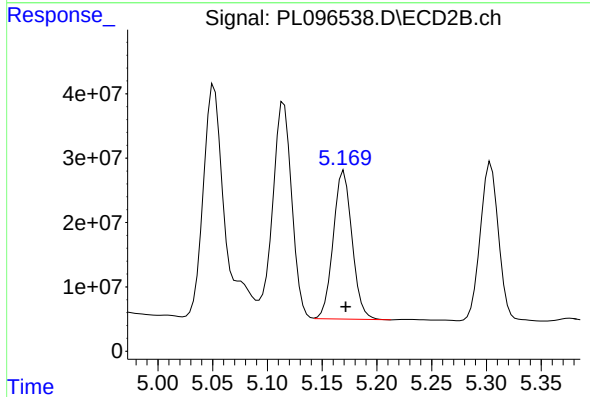
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: -0.003 min
Response: 188571347
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

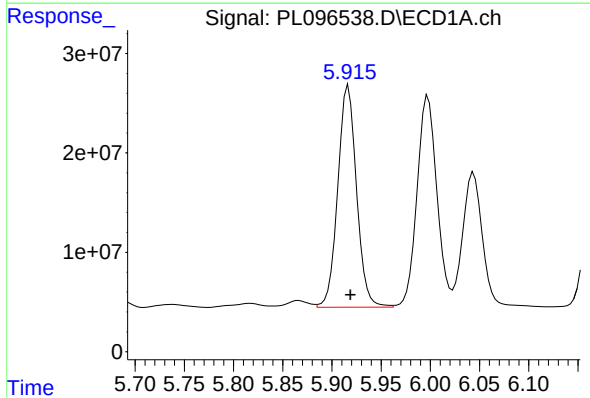
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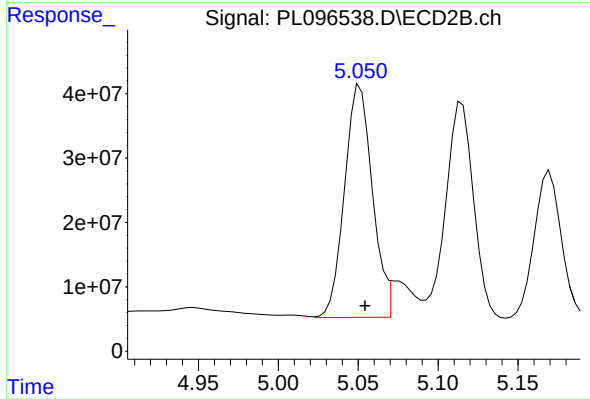
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 275416715
Conc: 38.39 ng/ml



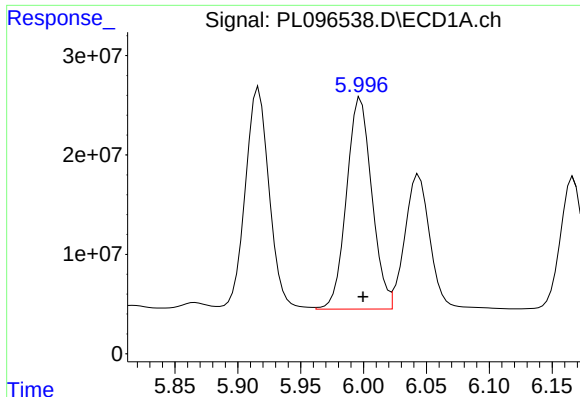
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 295975284
Conc: 66.89 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.004 min
Response: 443851491
Conc: 63.23 ng/ml m



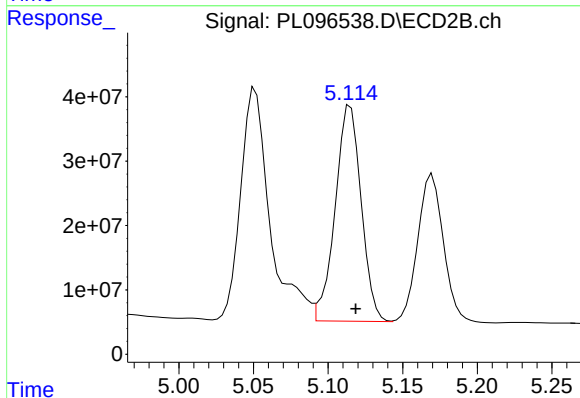
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 298067787
Conc: 68.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

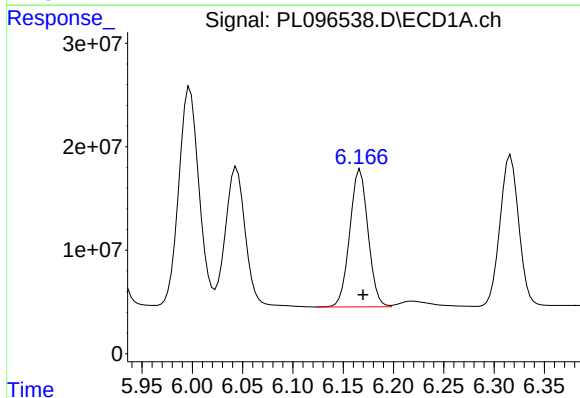
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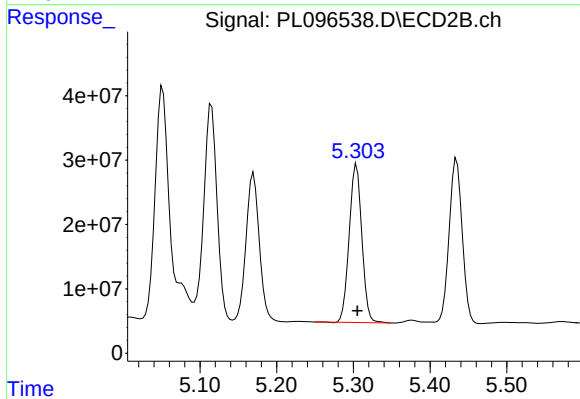
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 407885410
Conc: 54.24 ng/ml



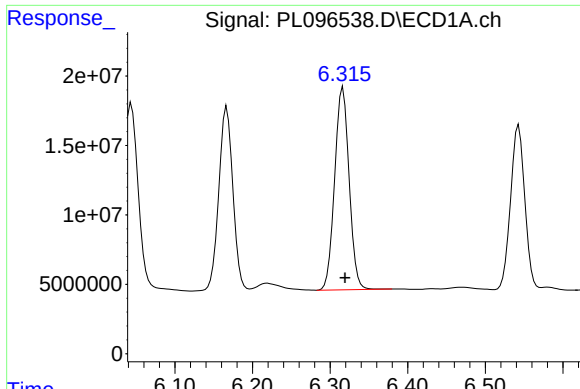
#12 4,4'-DDE

R.T.: 6.167 min
Delta R.T.: -0.003 min
Response: 167462734
Conc: 45.17 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.002 min
Response: 283634714
Conc: 43.88 ng/ml



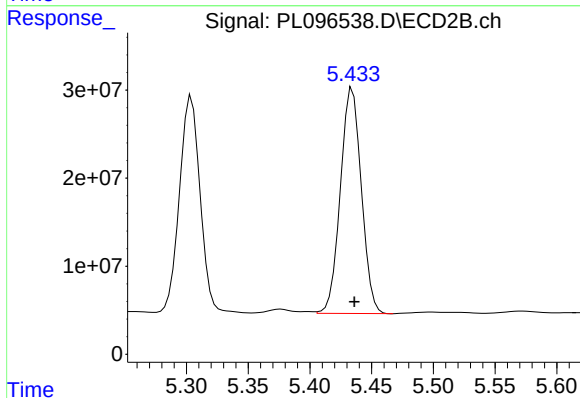
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: -0.003 min
Response: 188992501
Conc: 44.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

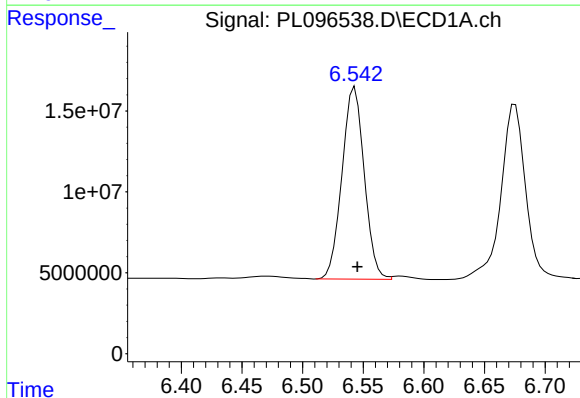
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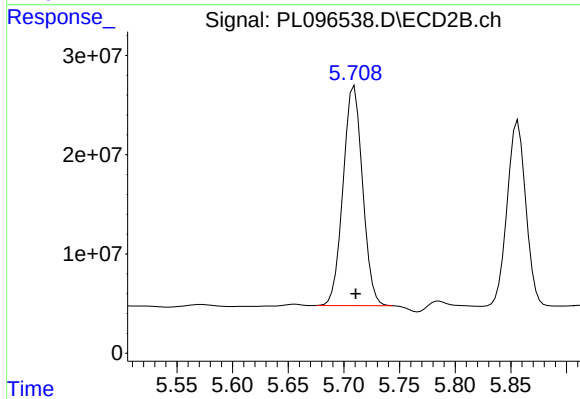
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 302986883
Conc: 44.43 ng/ml



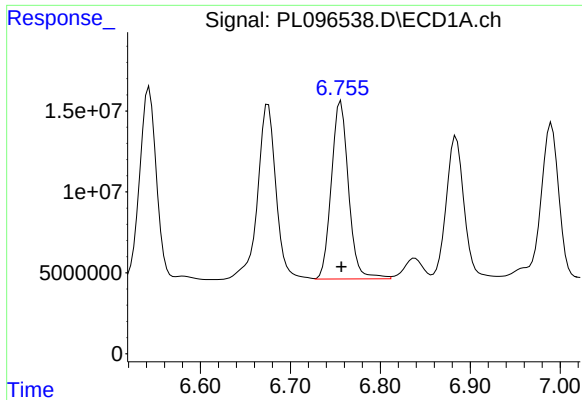
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 151493703
Conc: 48.71 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.001 min
Response: 270053714
Conc: 44.30 ng/ml



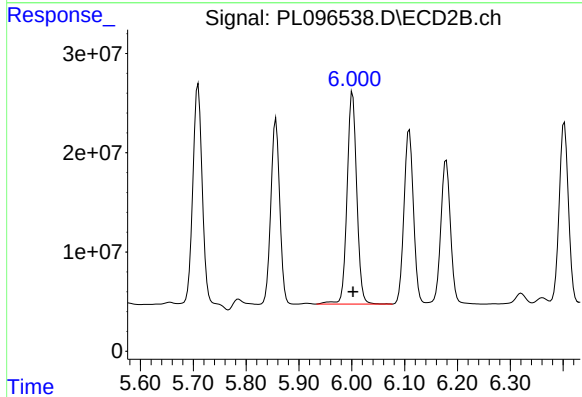
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 145766147
Conc: 42.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

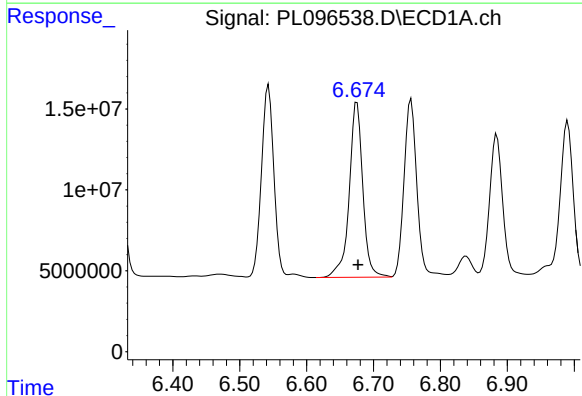
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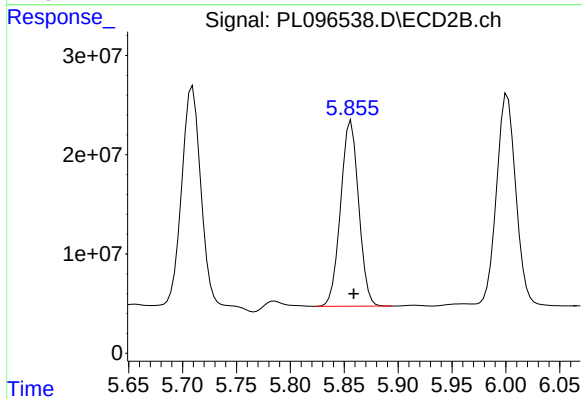
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.001 min
Response: 272247367
Conc: 46.43 ng/ml



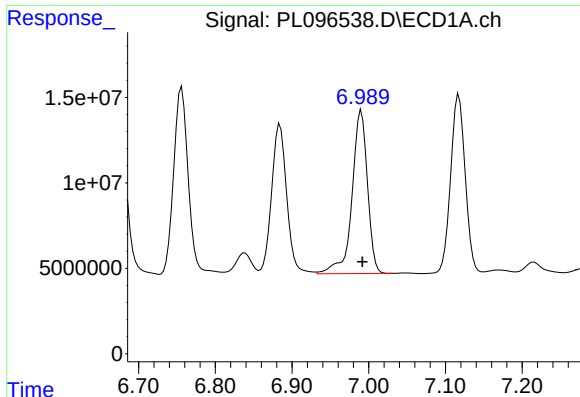
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 153895837
Conc: 52.85 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 218060169
Conc: 42.52 ng/ml



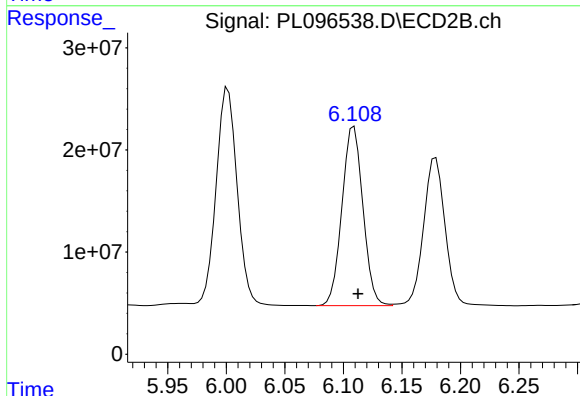
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 134845351
Conc: 44.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

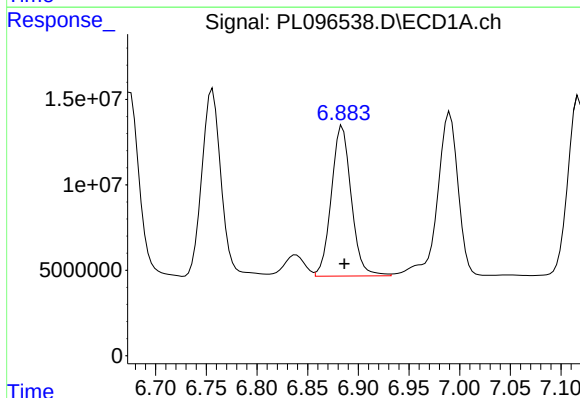
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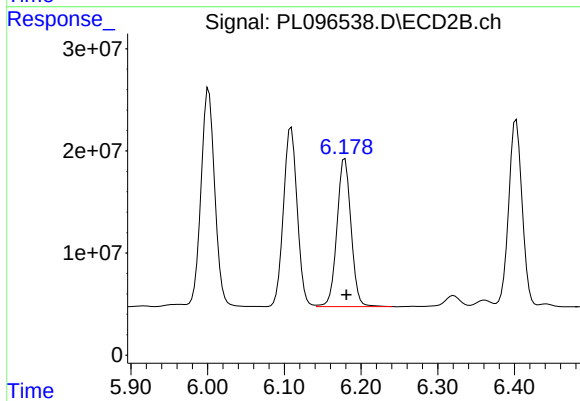
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.004 min
Response: 218896545
Conc: 38.17 ng/ml



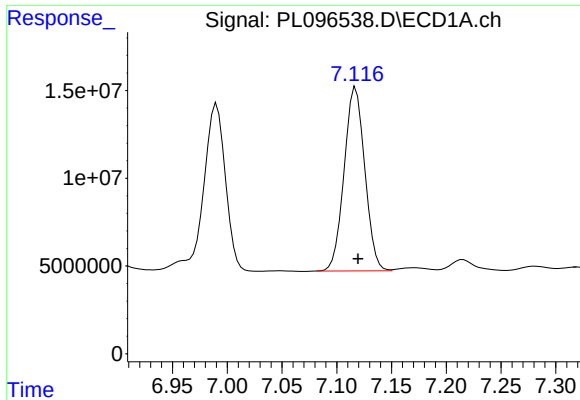
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 120481036
Conc: 53.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 185099971
Conc: 41.55 ng/ml



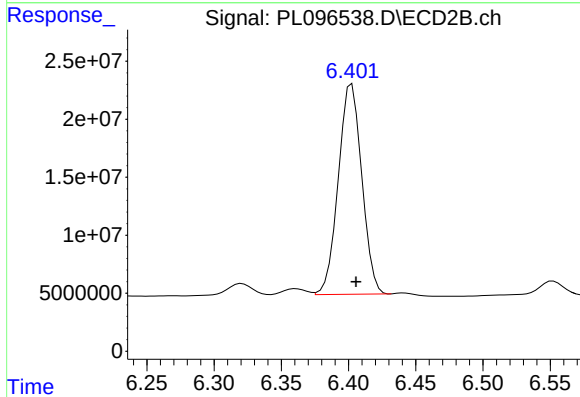
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: -0.002 min
Response: 137502877
Conc: 44.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

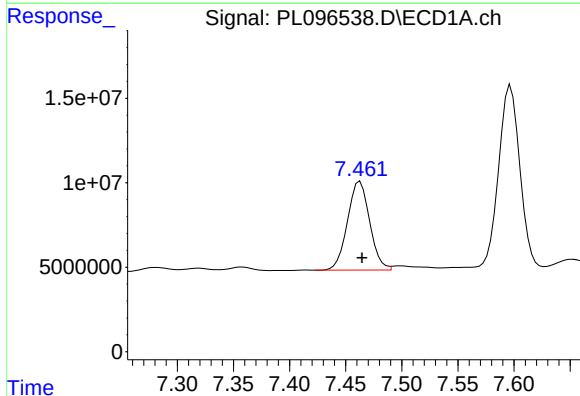
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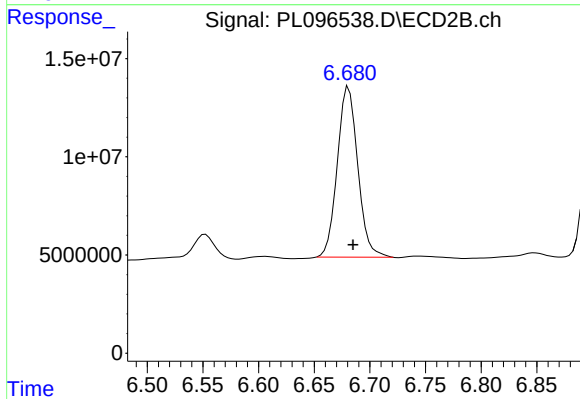
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: -0.003 min
Response: 219515107
Conc: 39.03 ng/ml



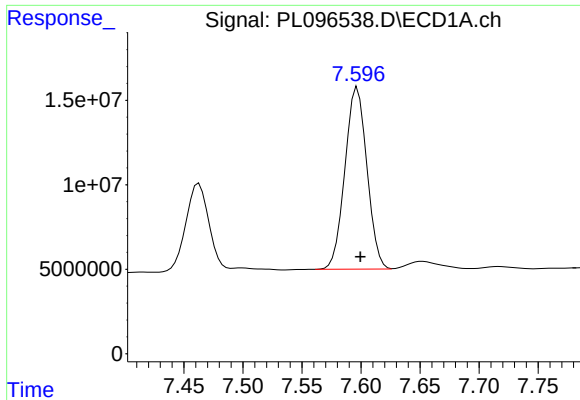
#20 Methoxychlor

R.T.: 7.461 min
Delta R.T.: -0.003 min
Response: 72398953
Conc: 45.96 ng/ml m



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 111267783
Conc: 36.63 ng/ml



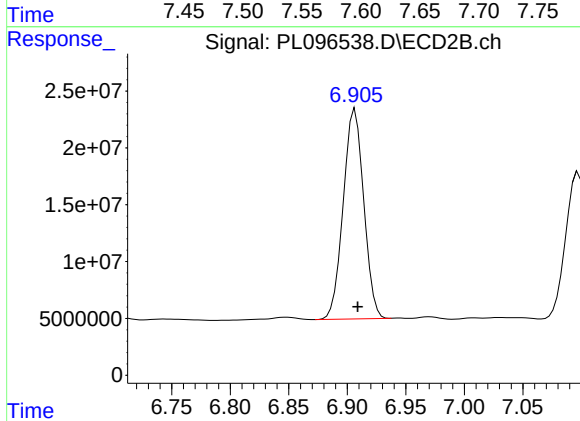
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: -0.004 min
Response: 139827959
Conc: 42.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

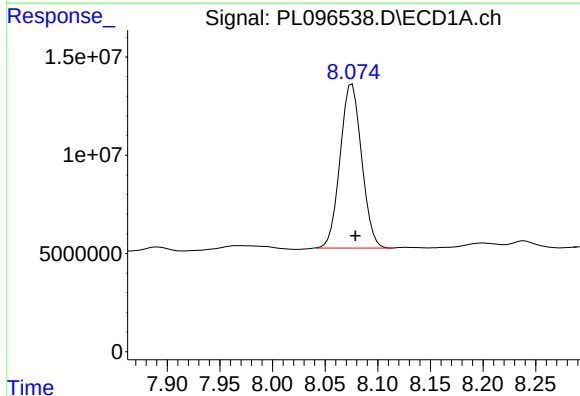
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



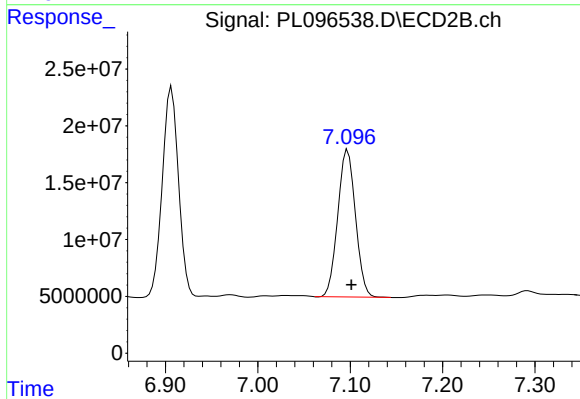
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 225283723
Conc: 36.03 ng/ml



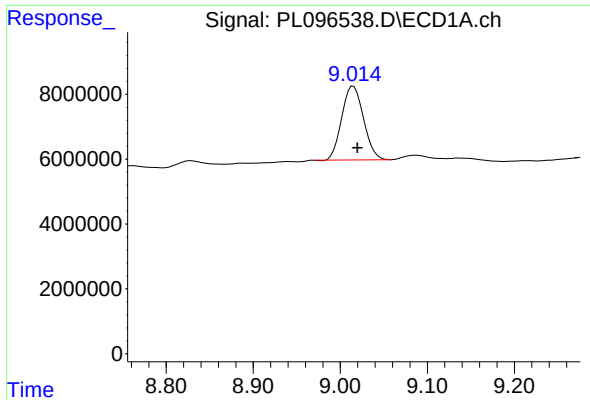
#22 Mirex

R.T.: 8.076 min
Delta R.T.: -0.003 min
Response: 118970336
Conc: 42.76 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.004 min
Response: 172721882
Conc: 34.77 ng/ml



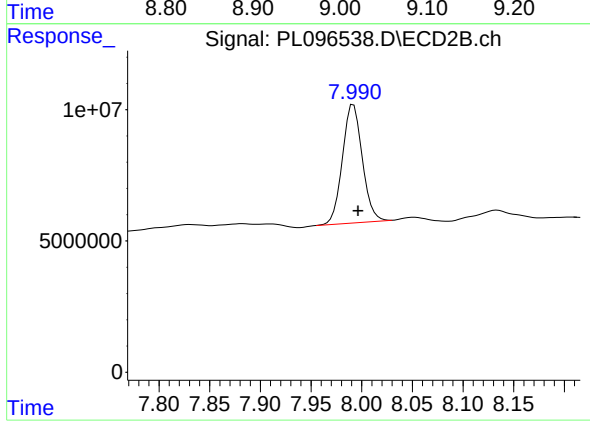
#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: -0.005 min
Response: 39614702
Conc: 14.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.005 min
Response: 61431627
Conc: 12.32 ng/ml