

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081825\
 Data File : PL096850.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 12:53
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/19/2025
 Supervised By : mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 16:14:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.531	2.825	180.5E6	258.1E6	56.743	54.013
28)	SA Decachlor...	9.003	7.987	128.3E6	215.8E6	53.820m	49.743
Target Compounds							
2)	A alpha-BHC	3.976	3.331	266.5E6	382.2E6	57.604m	54.010
3)	MA gamma-BHC...	4.304	3.663	250.2E6	354.3E6	56.552m	53.650
4)	MA Heptachlor	4.897	4.011	243.4E6	342.8E6	58.563	51.453
5)	MB Aldrin	5.236	4.293	239.5E6	326.2E6	55.696	52.556
6)	B beta-BHC	4.491	3.959	103.9E6	151.9E6	57.544m	53.854
7)	B delta-BHC	4.738	4.191	230.8E6	345.4E6	57.846	53.355
8)	B Heptachlo...	5.656	4.795	216.8E6	295.1E6	56.227	51.661
9)	A Endosulfan I	6.037	5.166	194.7E6	272.8E6	54.131	49.314
10)	B gamma-Chl...	5.909	5.047	214.7E6	307.6E6	56.428	52.309
11)	B alpha-Chl...	5.990	5.111	213.9E6	301.7E6	55.491	51.139
12)	B 4,4'-DDE	6.160	5.300	177.0E6	284.8E6	55.124	51.643
13)	MA Dieldrin	6.309	5.431	202.8E6	303.2E6	54.636	51.330
14)	MA Endrin	6.534	5.705	157.6E6	259.3E6	52.066m	47.971
15)	B Endosulfa...	6.748	5.997	179.8E6	260.0E6	56.140	50.628
16)	A 4,4'-DDD	6.669	5.852	144.7E6	245.1E6	57.213	52.092
17)	MA 4,4'-DDT	6.983	6.105	146.7E6	240.9E6	51.141	47.630
18)	B Endrin al...	6.877	6.175	119.2E6	190.7E6	55.544	52.471
19)	B Endosulfa...	7.109	6.398	151.3E6	251.8E6	52.640m	49.499
20)	A Methoxychlor	7.455	6.676	72047040	127.7E6	49.067	46.583
21)	B Endrin ke...	7.590	6.902	162.4E6	297.4E6	54.012	53.401
22)	Mirex	8.067	7.091	129.4E6	219.8E6	52.182m	50.393m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081825\
Data File : PL096850.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:53
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

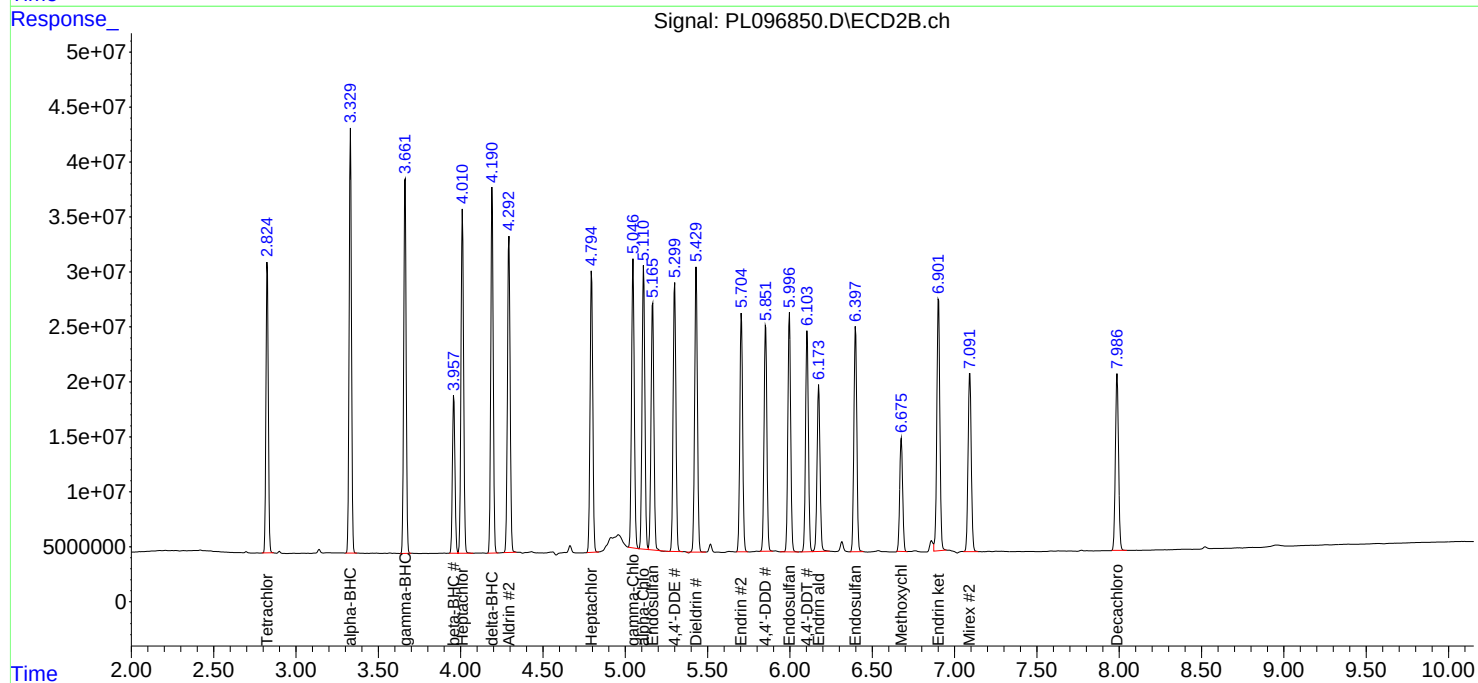
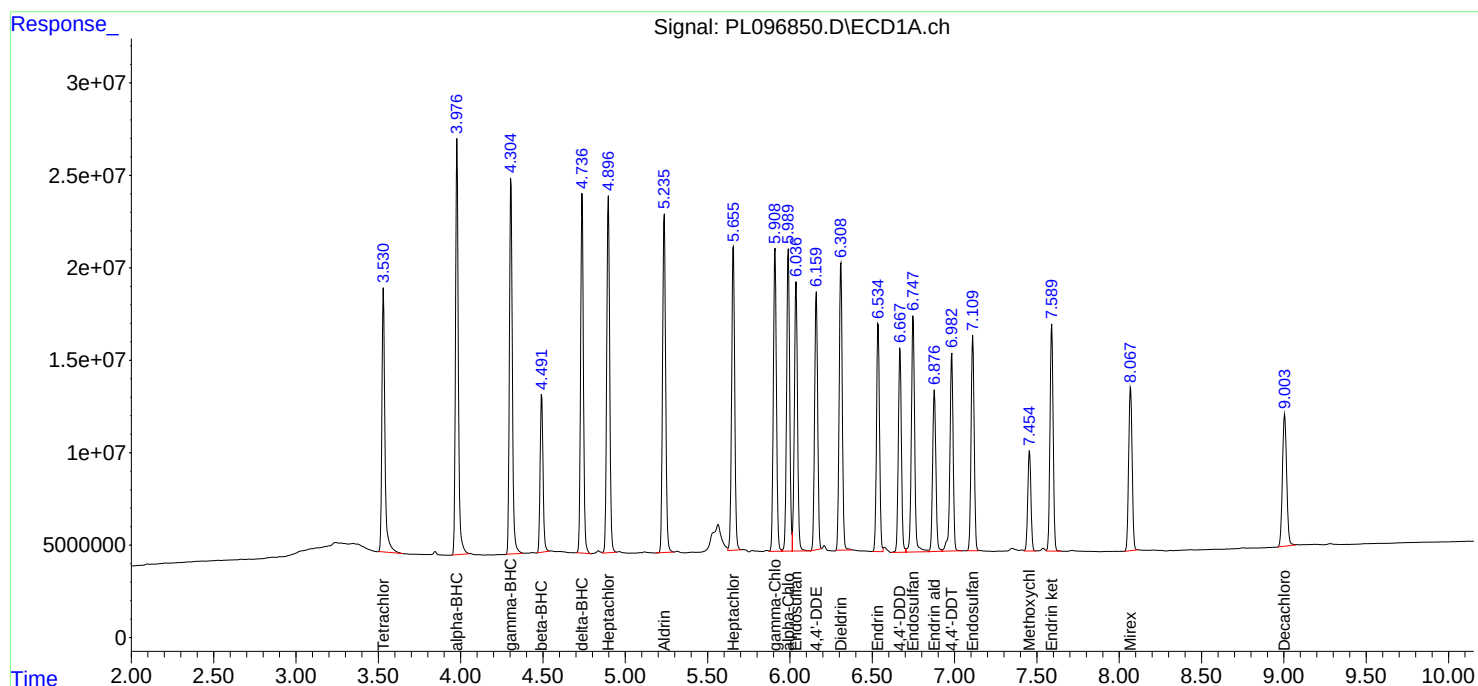
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

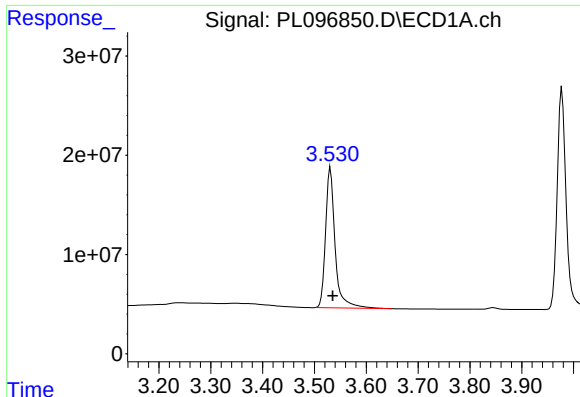
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 16:14:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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





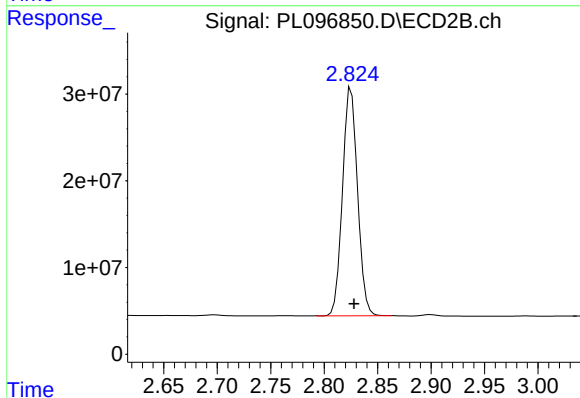
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.004 min
Response: 180486809
Conc: 56.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

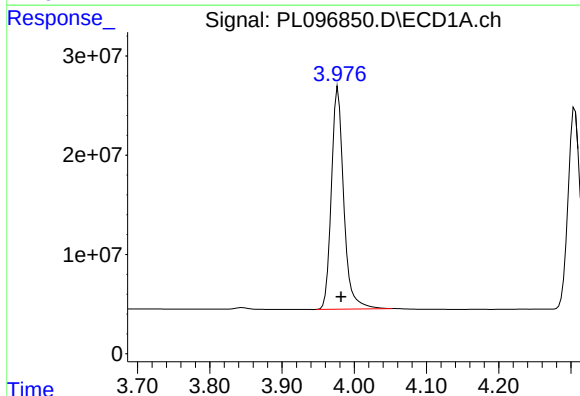
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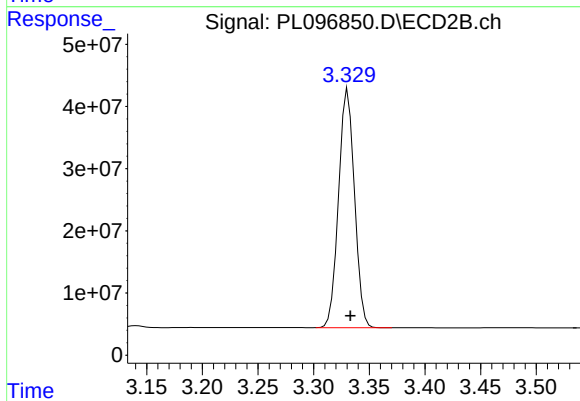
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 258062587
Conc: 54.01 ng/ml



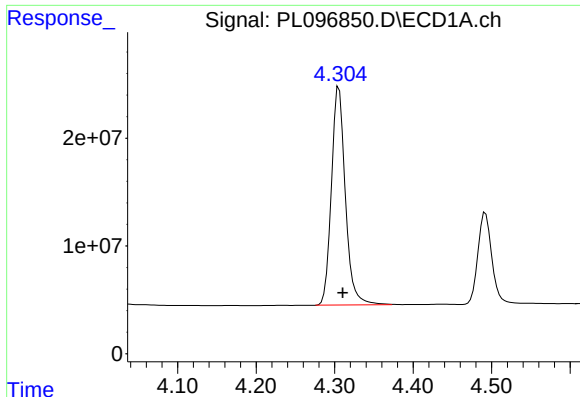
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.006 min
Response: 266497544
Conc: 57.60 ng/ml m



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 382230166
Conc: 54.01 ng/ml



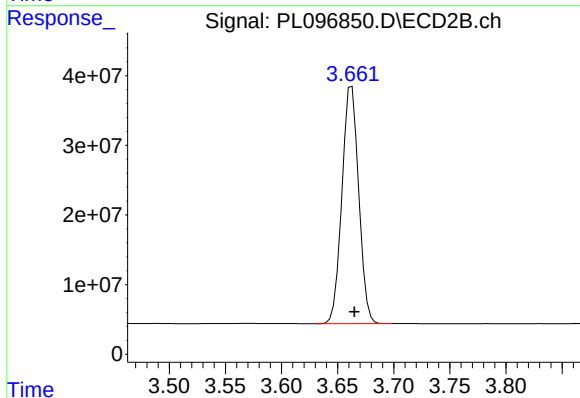
#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 250153591
Conc: 56.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

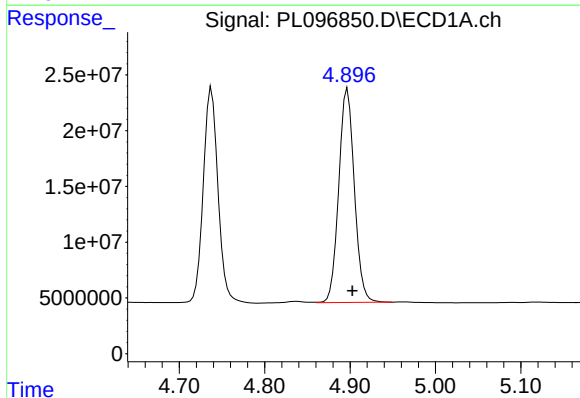
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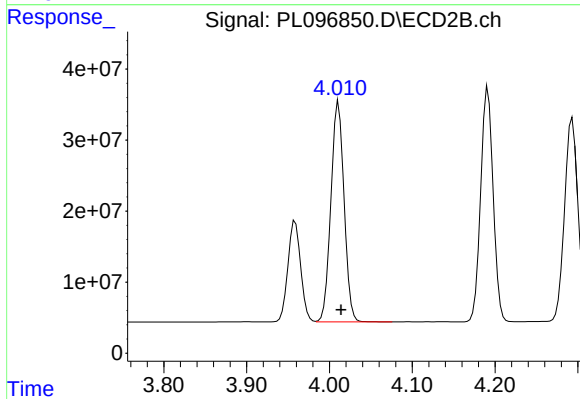
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 354267631
Conc: 53.65 ng/ml



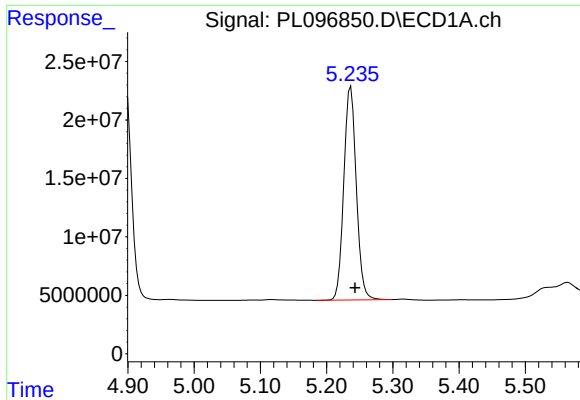
#4 Heptachlor

R.T.: 4.897 min
Delta R.T.: -0.006 min
Response: 243370604
Conc: 58.56 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 342778742
Conc: 51.45 ng/ml



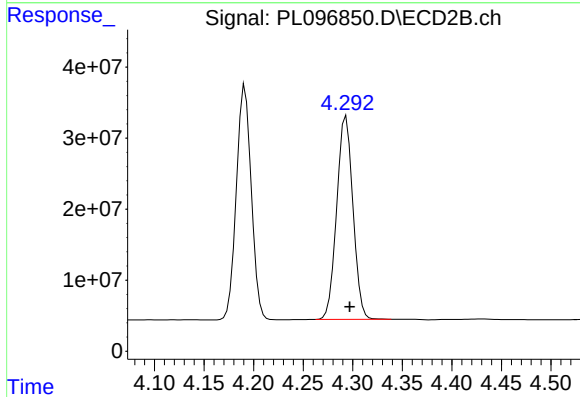
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: -0.006 min
Response: 239548150
Conc: 55.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

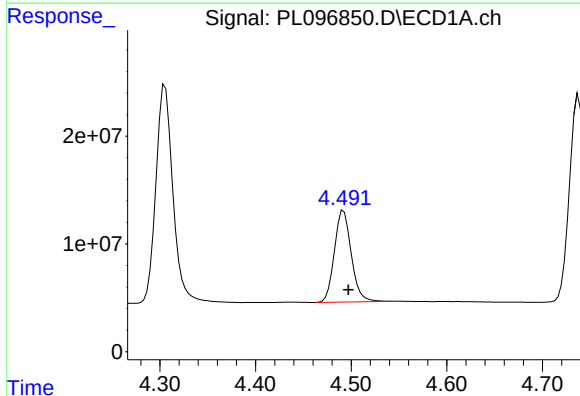
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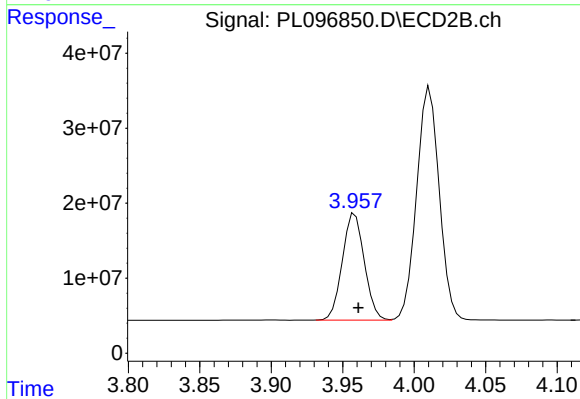
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 326218108
Conc: 52.56 ng/ml



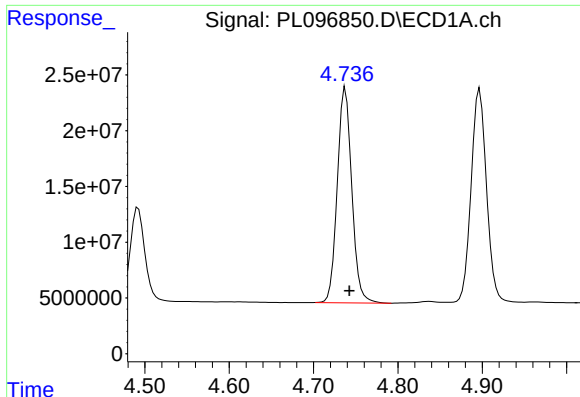
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.006 min
Response: 103865692
Conc: 57.54 ng/ml m



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 151916219
Conc: 53.85 ng/ml



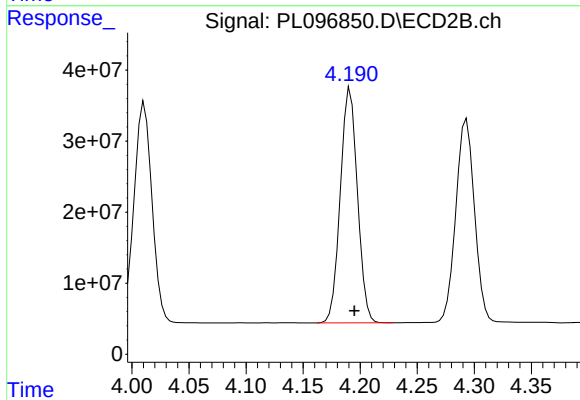
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 230798856
Conc: 57.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

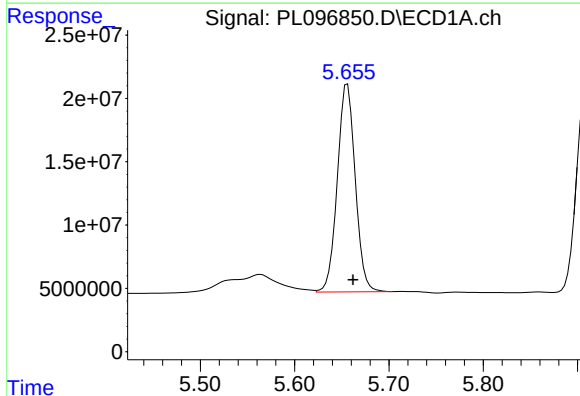
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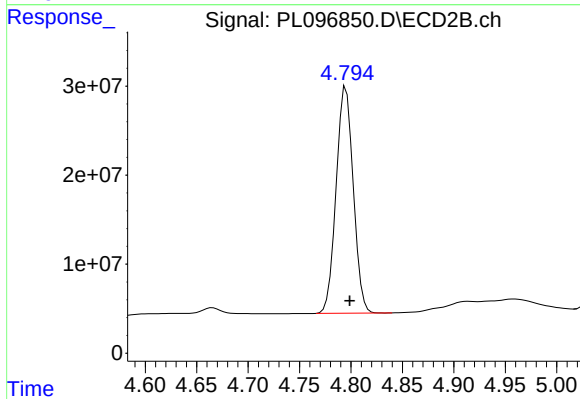
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 345402486
Conc: 53.36 ng/ml



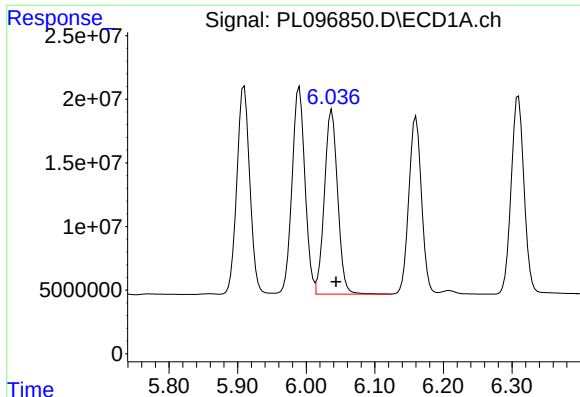
#8 Heptachlor epoxide

R.T.: 5.656 min
Delta R.T.: -0.006 min
Response: 216841548
Conc: 56.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 295053706
Conc: 51.66 ng/ml



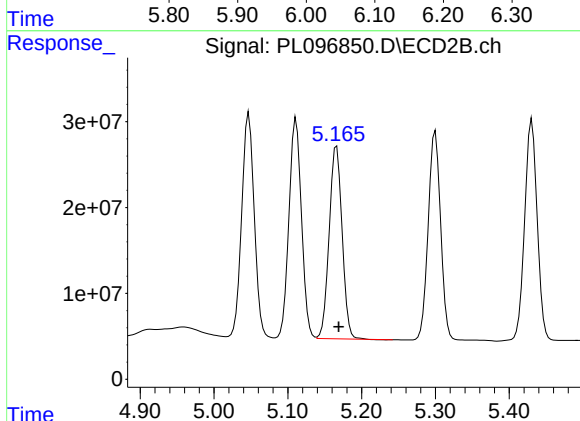
#9 Endosulfan I

R.T.: 6.037 min
Delta R.T.: -0.006 min
Response: 194673996
Conc: 54.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

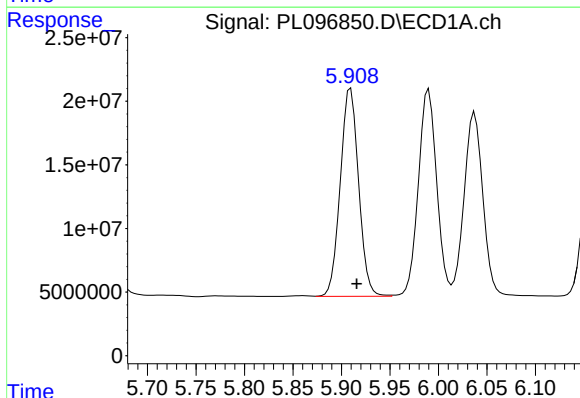
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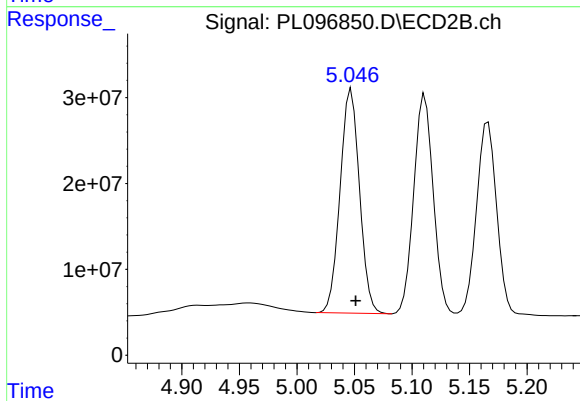
#9 Endosulfan I

R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 272775922
Conc: 49.31 ng/ml



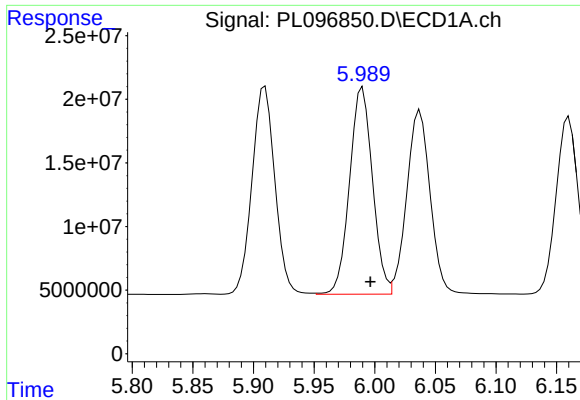
#10 gamma-Chlordane

R.T.: 5.909 min
Delta R.T.: -0.006 min
Response: 214722800
Conc: 56.43 ng/ml



#10 gamma-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 307585622
Conc: 52.31 ng/ml



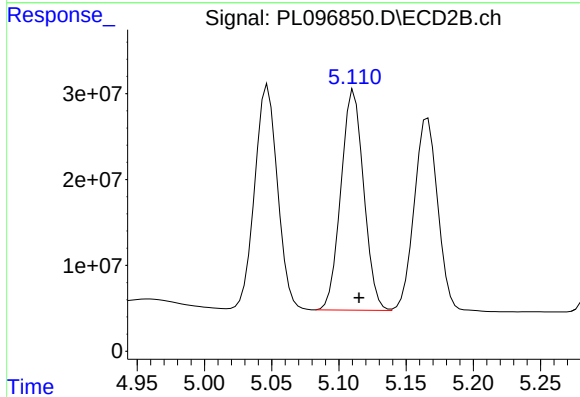
#11 alpha-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.007 min
Response: 21390002
Conc: 55.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

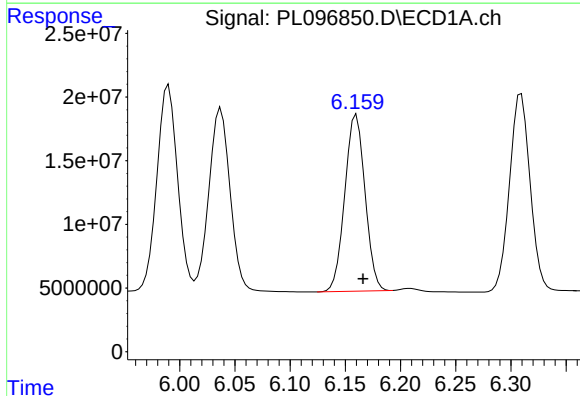
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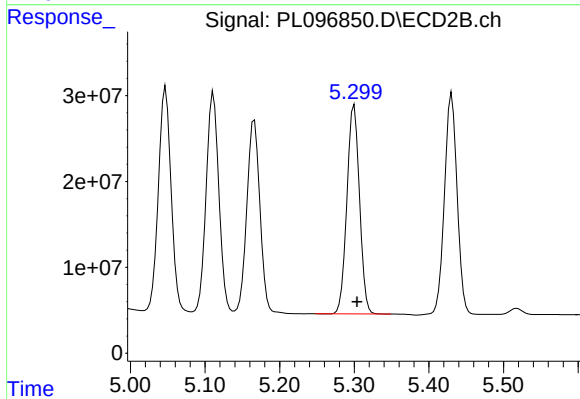
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 301663826
Conc: 51.14 ng/ml



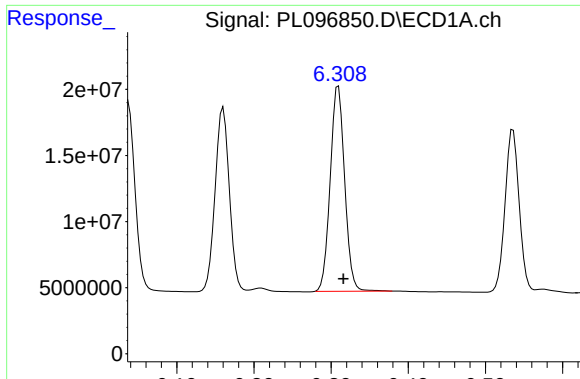
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: -0.006 min
Response: 177016085
Conc: 55.12 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 284781762
Conc: 51.64 ng/ml



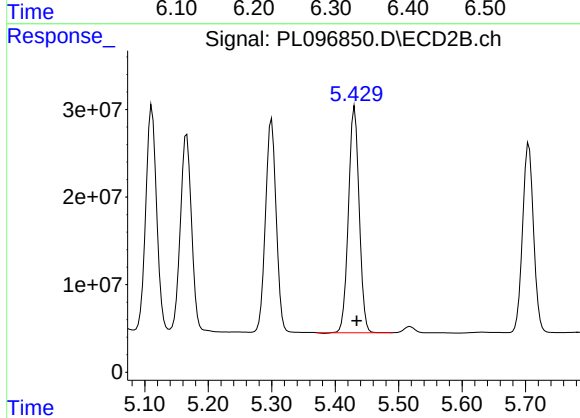
#13 Dieldrin

R.T.: 6.309 min
Delta R.T.: -0.006 min
Response: 202760836
Conc: 54.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

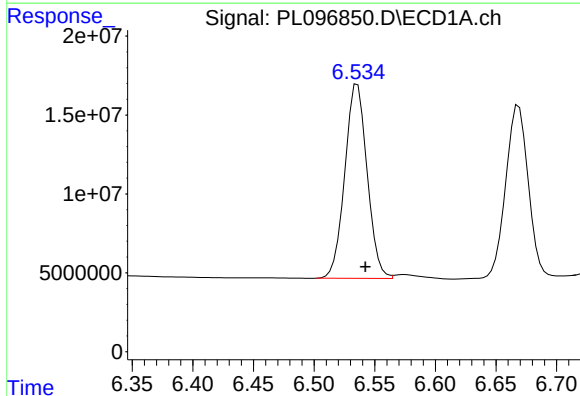
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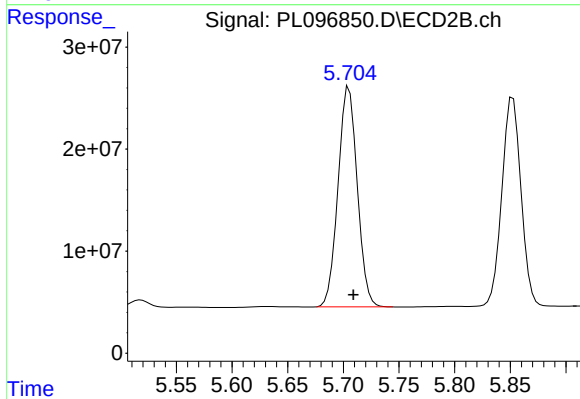
#13 Dieldrin

R.T.: 5.431 min
Delta R.T.: -0.003 min
Response: 303181110
Conc: 51.33 ng/ml



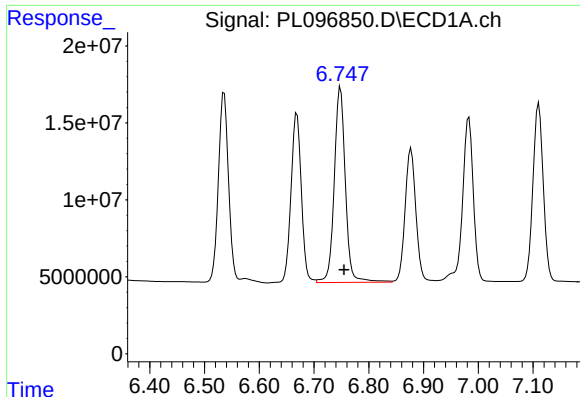
#14 Endrin

R.T.: 6.534 min
Delta R.T.: -0.008 min
Response: 157593192
Conc: 52.07 ng/ml m



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 259330218
Conc: 47.97 ng/ml



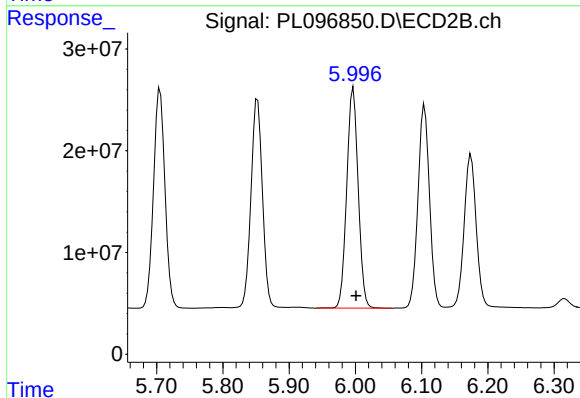
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: -0.007 min
Response: 179795338
Conc: 56.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

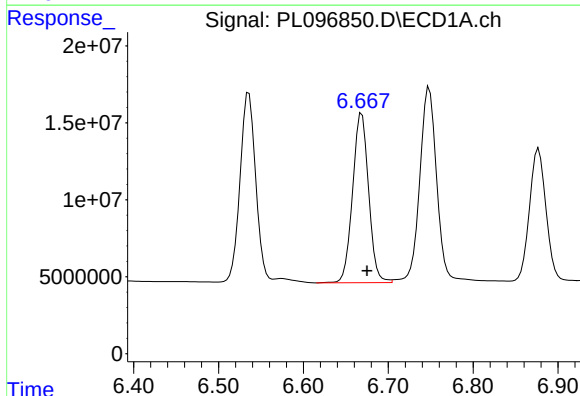
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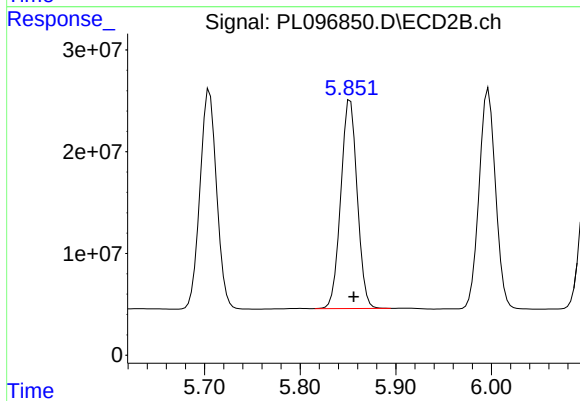
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 260037643
Conc: 50.63 ng/ml



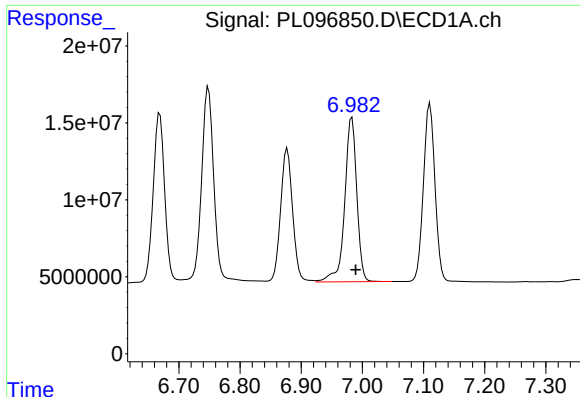
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 144655392
Conc: 57.21 ng/ml



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 245109783
Conc: 52.09 ng/ml



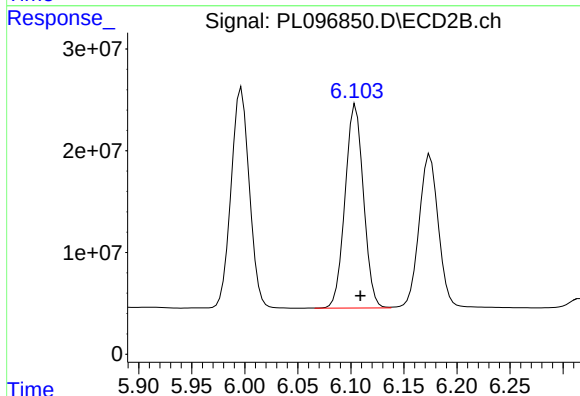
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: -0.006 min
Response: 146657638
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

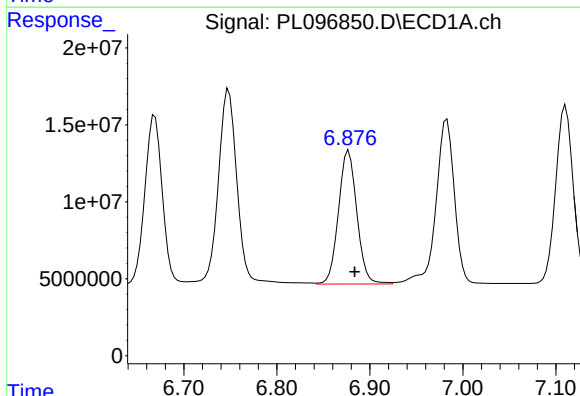
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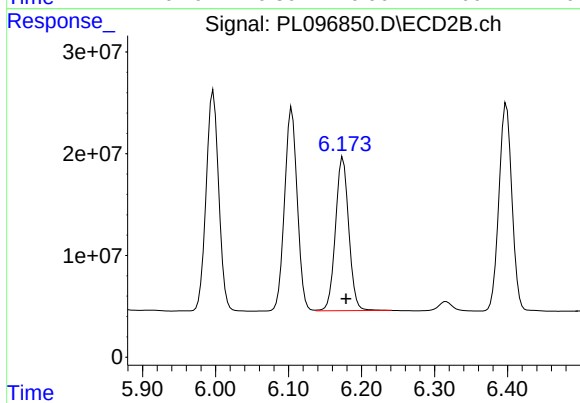
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 240928658
Conc: 47.63 ng/ml



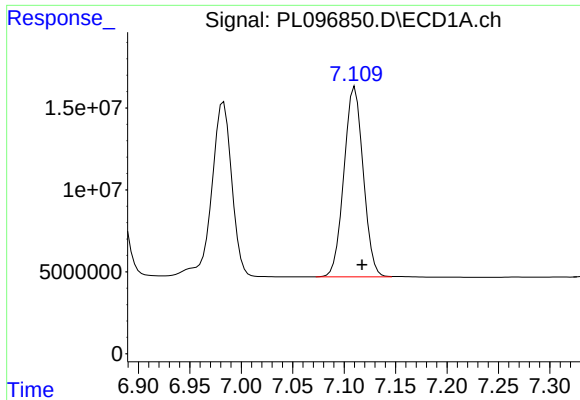
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: -0.006 min
Response: 119191848
Conc: 55.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 190732922
Conc: 52.47 ng/ml



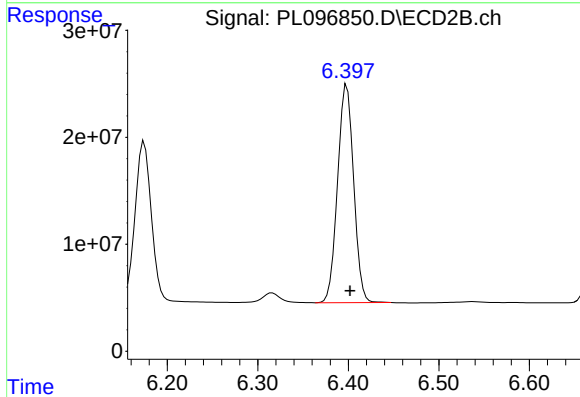
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: -0.008 min
Response: 151272628
Conc: 52.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

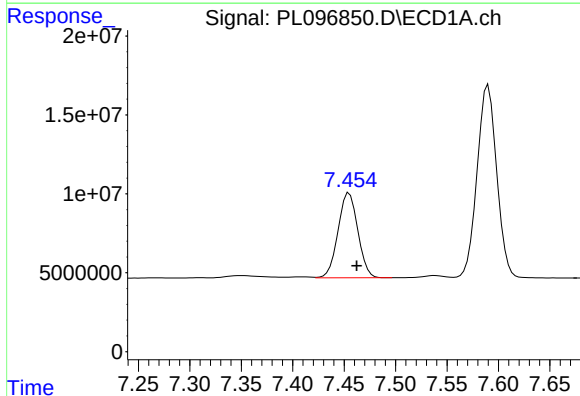
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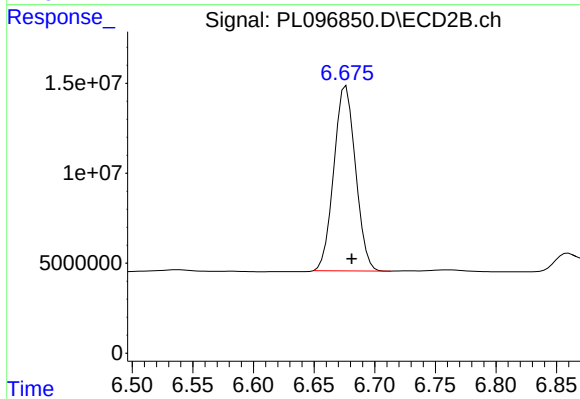
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 251764095
Conc: 49.50 ng/ml



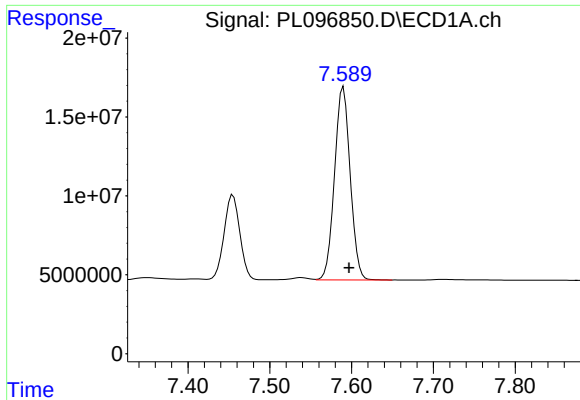
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: -0.007 min
Response: 72047040
Conc: 49.07 ng/ml



#20 Methoxychlor

R.T.: 6.676 min
Delta R.T.: -0.005 min
Response: 127661189
Conc: 46.58 ng/ml



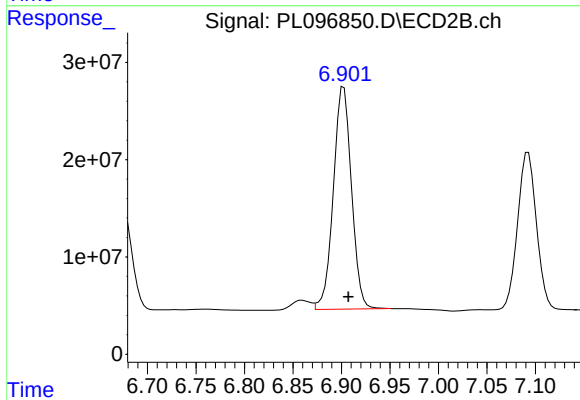
#21 Endrin ketone

R.T.: 7.590 min
Delta R.T.: -0.007 min
Response: 162398327
Conc: 54.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

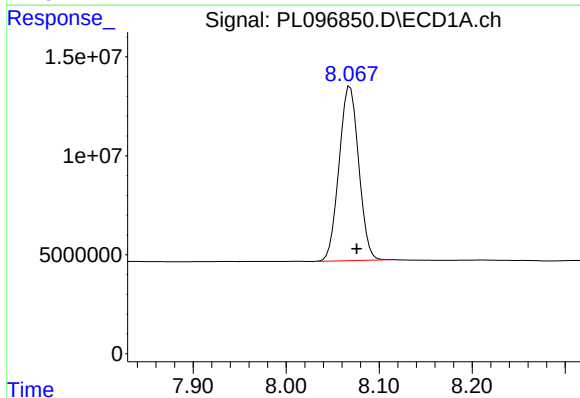
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Reviewed By :Abdul Mirza 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



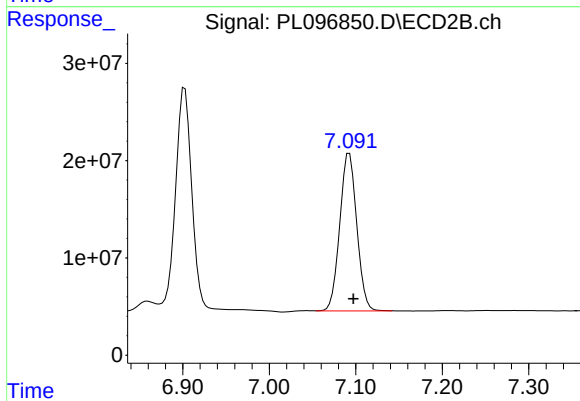
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: -0.005 min
Response: 297432233
Conc: 53.40 ng/ml



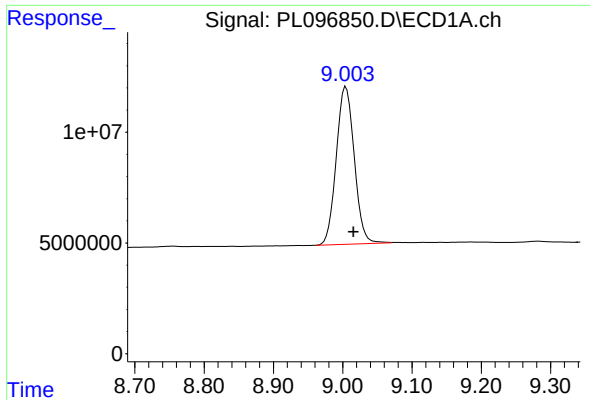
#22 Mirex

R.T.: 8.067 min
Delta R.T.: -0.008 min
Response: 129378159
Conc: 52.18 ng/ml m



#22 Mirex

R.T.: 7.091 min
Delta R.T.: -0.006 min
Response: 219758637
Conc: 50.39 ng/ml m



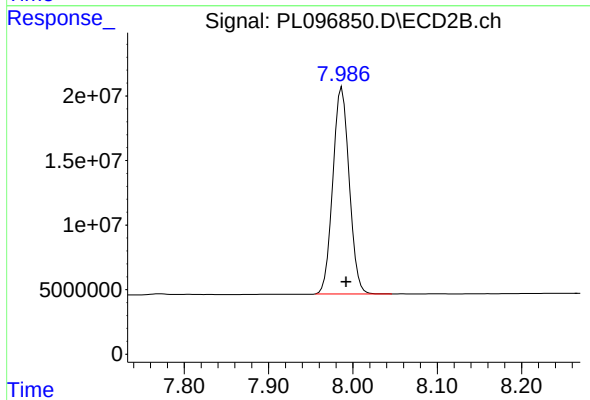
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.012 min
Response: 128342711
Conc: 53.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



#28 Decachlorobiphenyl

R.T.: 7.987 min
Delta R.T.: -0.005 min
Response: 215802739
Conc: 49.74 ng/ml