

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051525\
 Data File : PL095711.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 20:24
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/16/2025
 Supervised By :mohammad ahmed 05/19/2025

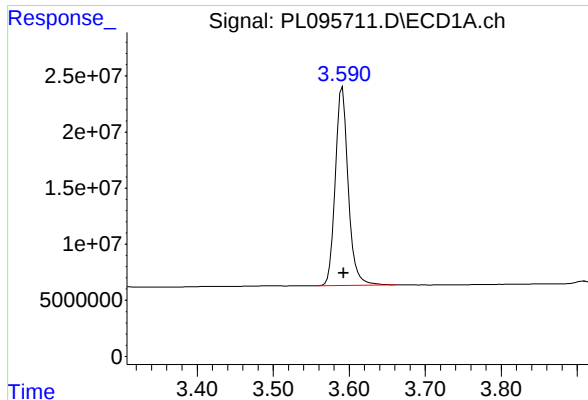
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 02:06:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 13 14:38:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.591	2.907	207.3E6	228.5E6	50.739	48.772
28) SA Decachlor...	9.114	8.084	165.4E6	184.4E6	48.769	44.705
Target Compounds						
2) A alpha-BHC	4.041	3.417	300.3E6	357.3E6	51.331	49.957
3) MA gamma-BHC...	4.372	3.750	281.5E6	338.0E6	50.567	50.059
4) MA Heptachlor	4.970	4.104	264.7E6	323.4E6	48.605	49.576
5) MB Aldrin	5.311	4.388	289.0E6	315.9E6	50.312m	49.535
6) B beta-BHC	4.558	4.044	122.7E6	148.6E6	50.105	49.258
7) B delta-BHC	4.806	4.280	270.5E6	344.6E6	49.791	50.627
8) B Heptachlo...	5.732	4.891	243.3E6	284.5E6	46.945	49.235
9) A Endosulfan I	6.116	5.264	224.9E6	269.8E6	45.931	52.161
10) B gamma-Chl...	5.987	5.144	249.4E6	295.5E6	46.566	49.610
11) B alpha-Chl...	6.068	5.208	246.6E6	289.1E6	47.452	48.988
12) B 4,4'-DDE	6.237	5.393	250.0E6	295.2E6	48.834	49.461m
13) MA Dieldrin	6.389	5.530	227.3E6	305.7E6	46.128	49.693
14) MA Endrin	6.616	5.805	187.7E6	273.6E6	49.006	51.345
15) B Endosulfa...	6.828	6.095	192.2E6	259.1E6	46.119	47.311
16) A 4,4'-DDD	6.746	5.947	171.2E6	248.1E6	44.069	48.244
17) MA 4,4'-DDT	7.061	6.200	177.2E6	253.1E6	49.242	50.436
18) B Endrin al...	6.957	6.273	128.5E6	184.1E6	43.763	48.082
19) B Endosulfa...	7.191	6.496	170.6E6	234.0E6	46.486	47.064
20) A Methoxychlor	7.532	6.770	82151240	129.7E6	48.724	47.947
21) B Endrin ke...	7.672	7.002	165.9E6	264.7E6	44.280	45.044
22) Mirex	8.154	7.197	134.7E6	193.2E6	44.249	44.803

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



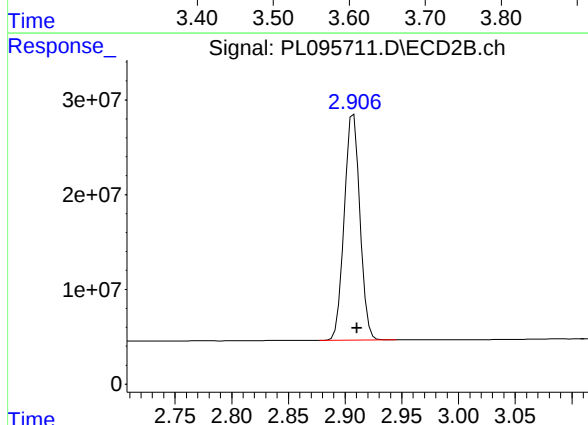
#1 Tetrachloro-m-xylene

R.T.: 3.591 min
Delta R.T.: -0.002 min
Response: 207320567
Conc: 50.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

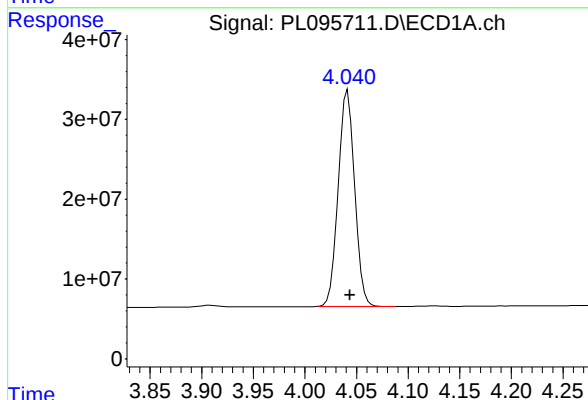
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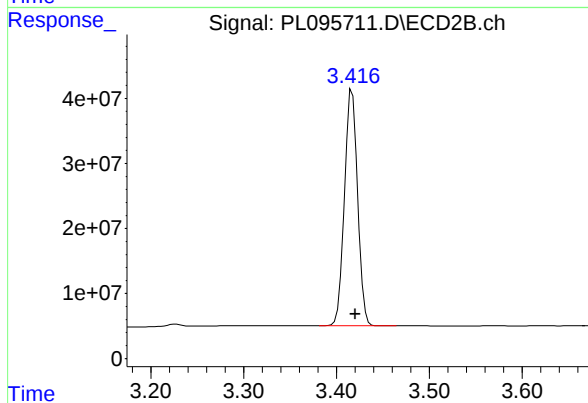
#1 Tetrachloro-m-xylene

R.T.: 2.907 min
Delta R.T.: -0.003 min
Response: 228453486
Conc: 48.77 ng/ml



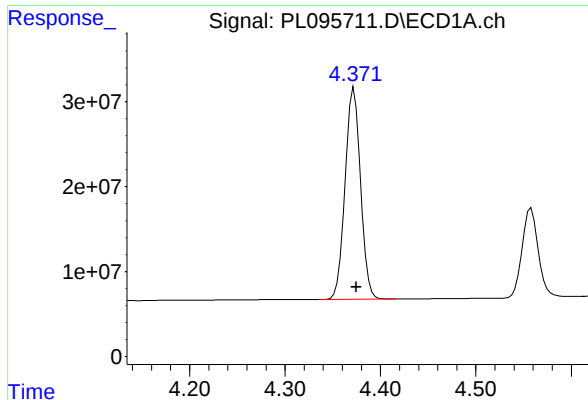
#2 alpha-BHC

R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 300348576
Conc: 51.33 ng/ml



#2 alpha-BHC

R.T.: 3.417 min
Delta R.T.: -0.003 min
Response: 357259917
Conc: 49.96 ng/ml



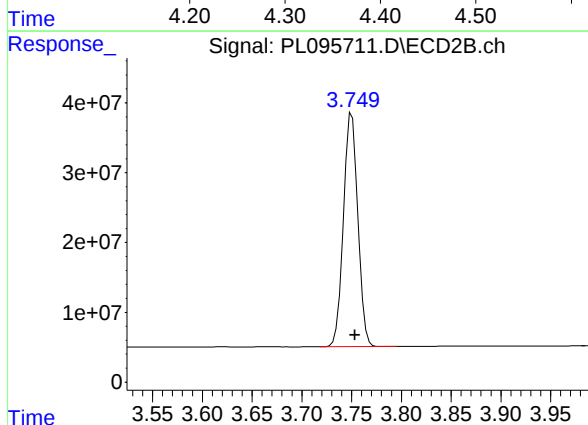
#3 gamma-BHC (Lindane)

R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 281456849
Conc: 50.57 ng/ml

Instrument :
ECD_L
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PSTDCCC050

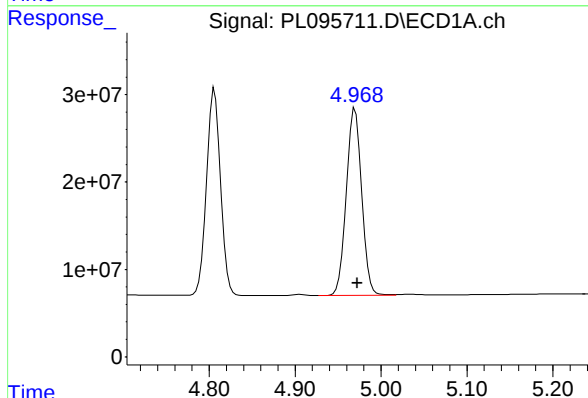
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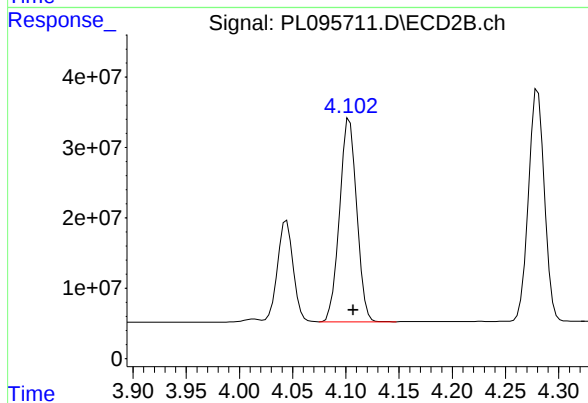
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 338030490
Conc: 50.06 ng/ml



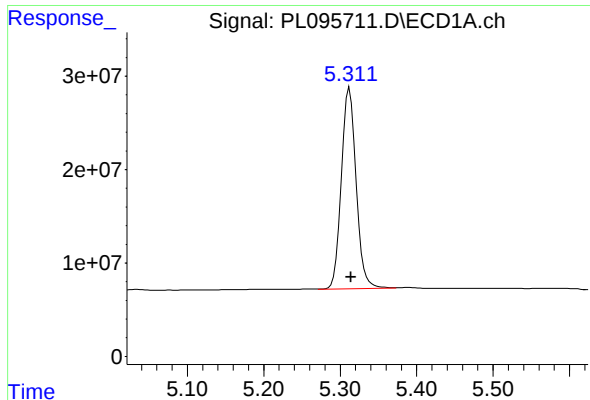
#4 Heptachlor

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 264694700
Conc: 48.60 ng/ml



#4 Heptachlor

R.T.: 4.104 min
Delta R.T.: -0.003 min
Response: 323404530
Conc: 49.58 ng/ml



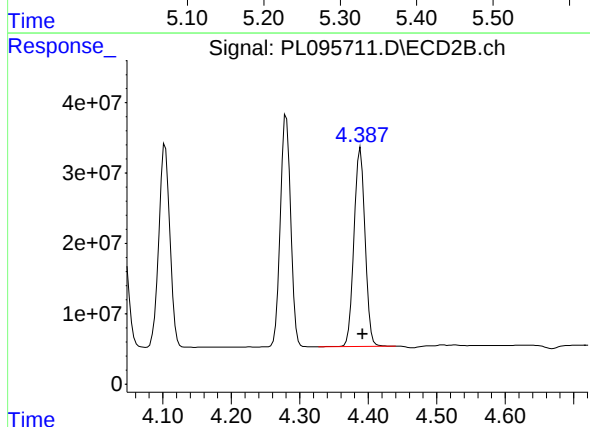
#5 Aldrin

R.T.: 5.311 min
Delta R.T.: -0.004 min
Response: 288977333
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

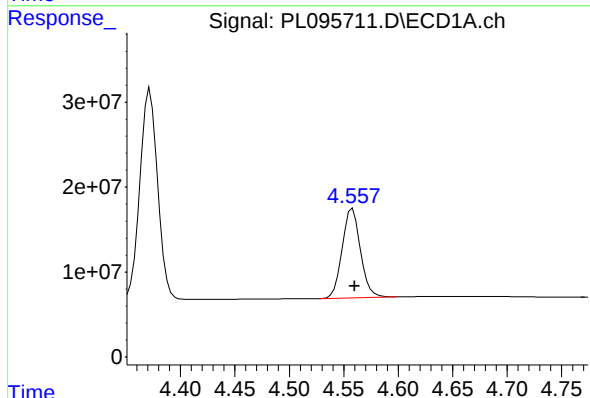
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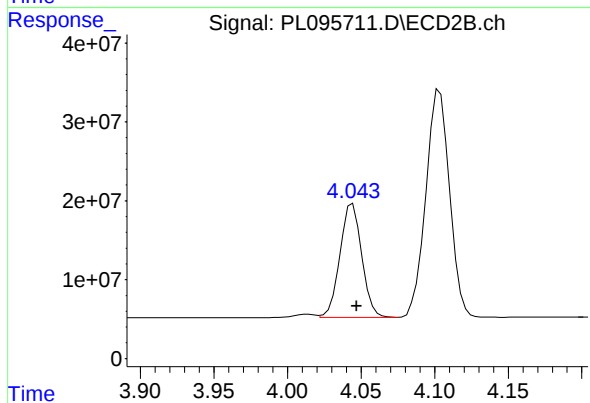
#5 Aldrin

R.T.: 4.388 min
Delta R.T.: -0.003 min
Response: 315929887
Conc: 49.53 ng/ml



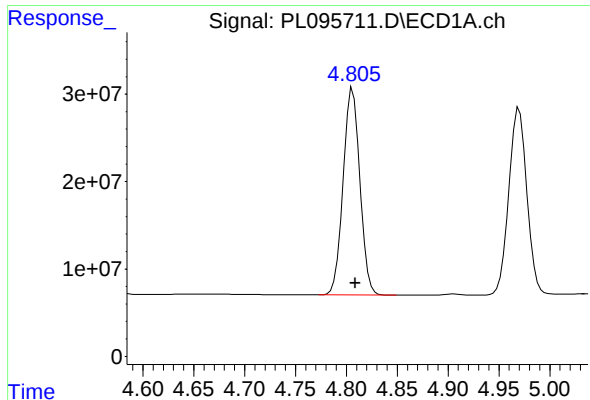
#6 beta-BHC

R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 122712777
Conc: 50.11 ng/ml



#6 beta-BHC

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 148613678
Conc: 49.26 ng/ml



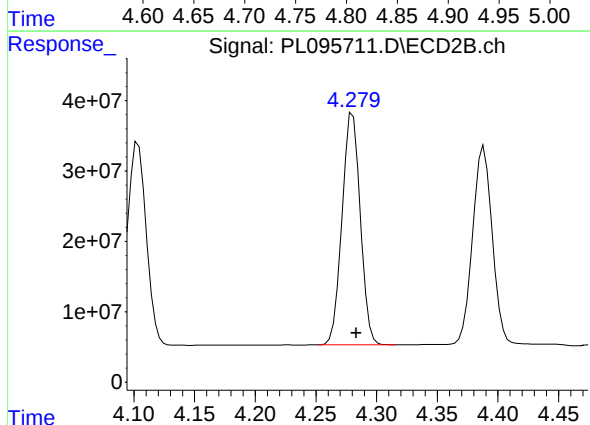
#7 delta-BHC

R.T.: 4.806 min
Delta R.T.: -0.002 min
Response: 270502079
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

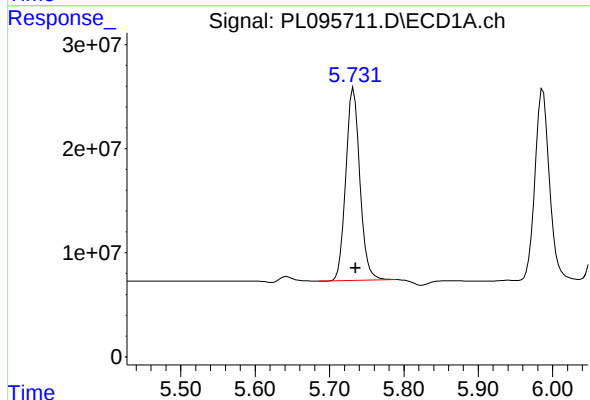
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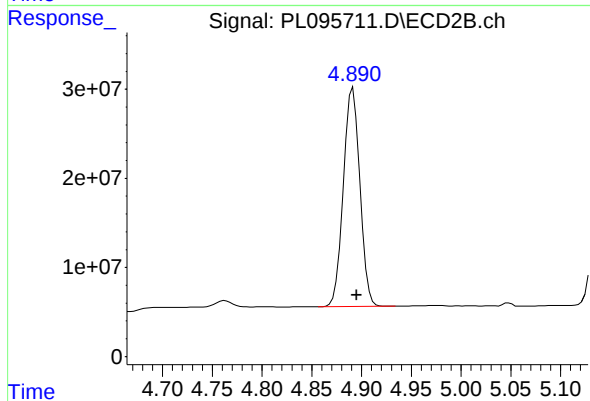
#7 delta-BHC

R.T.: 4.280 min
Delta R.T.: -0.003 min
Response: 344609568
Conc: 50.63 ng/ml



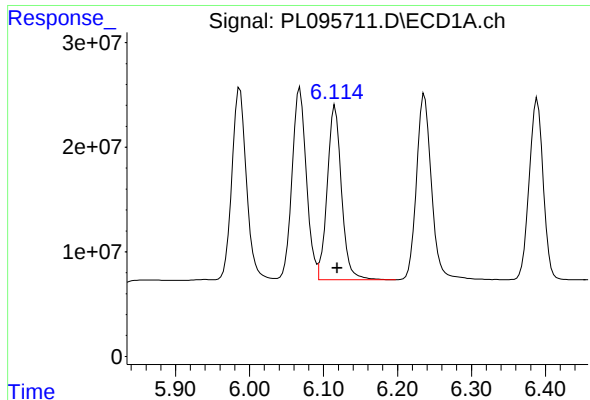
#8 Heptachlor epoxide

R.T.: 5.732 min
Delta R.T.: -0.003 min
Response: 243265326
Conc: 46.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 284546400
Conc: 49.23 ng/ml



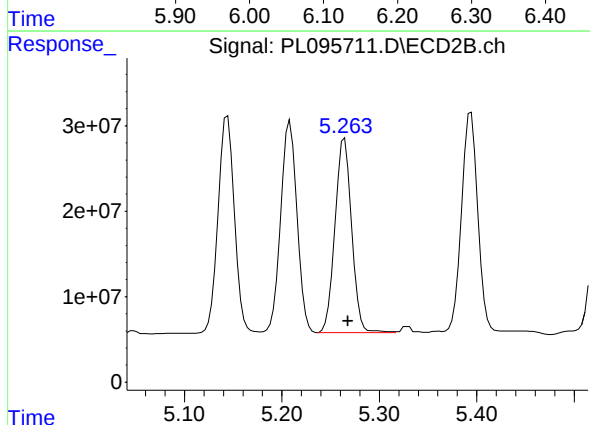
#9 Endosulfan I

R.T.: 6.116 min
Delta R.T.: -0.003 min
Response: 224855976
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

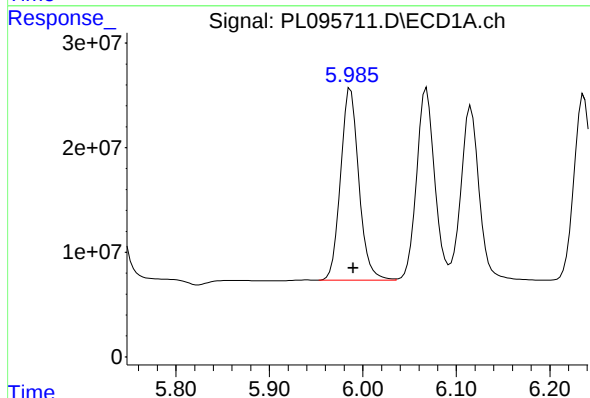
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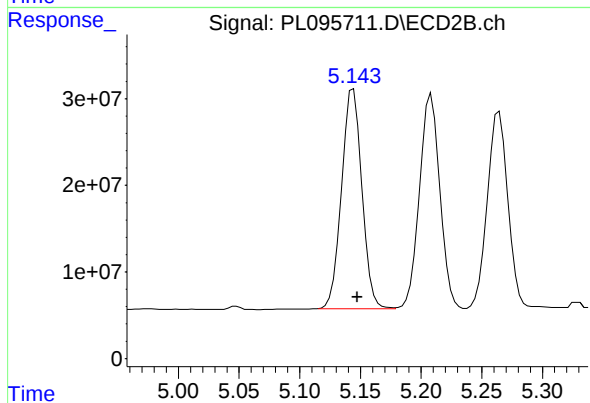
#9 Endosulfan I

R.T.: 5.264 min
Delta R.T.: -0.003 min
Response: 269777084
Conc: 52.16 ng/ml



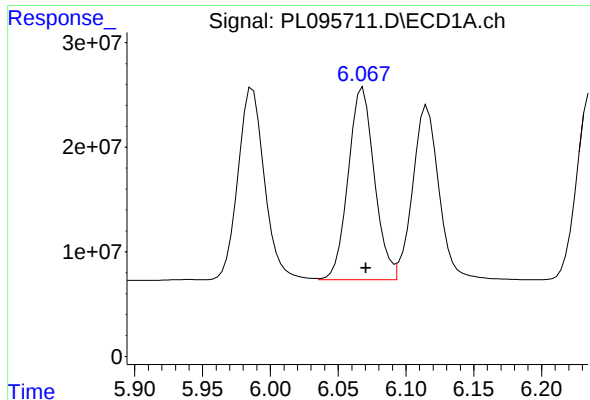
#10 gamma-Chlordane

R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 249371874
Conc: 46.57 ng/ml



#10 gamma-Chlordane

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 295494618
Conc: 49.61 ng/ml



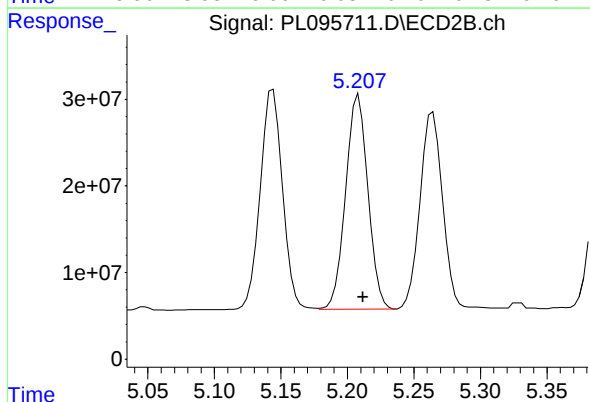
#11 alpha-Chlordane

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 246645573
Conc: 47.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

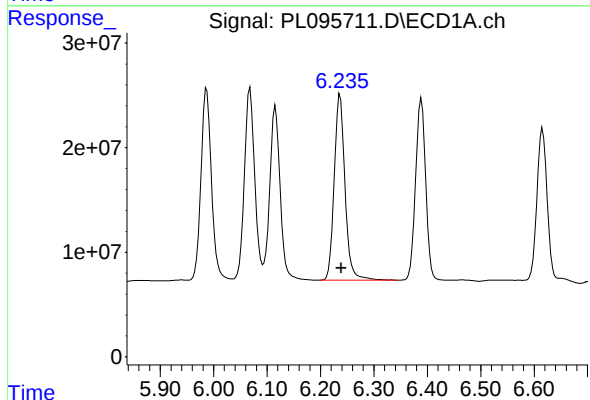
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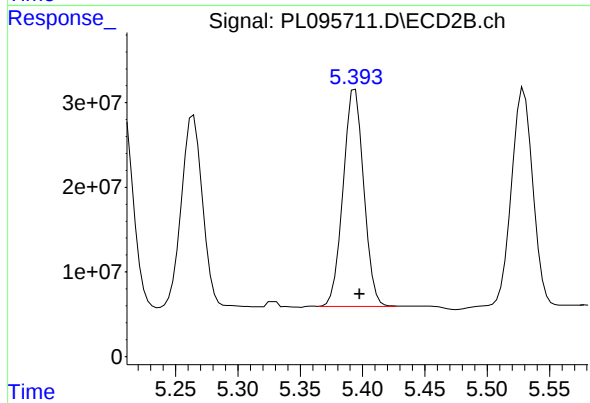
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.003 min
Response: 289135730
Conc: 48.99 ng/ml



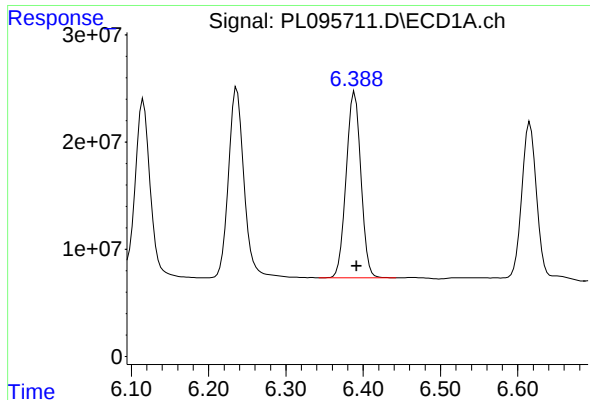
#12 4,4'-DDE

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 249971826
Conc: 48.83 ng/ml



#12 4,4'-DDE

R.T.: 5.393 min
Delta R.T.: -0.005 min
Response: 295172394
Conc: 49.46 ng/ml m



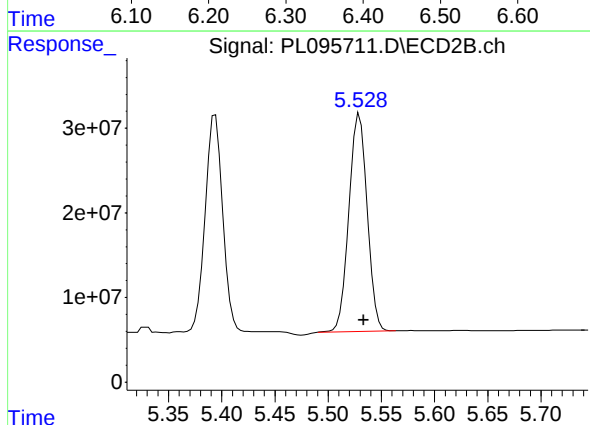
#13 Dieldrin

R.T.: 6.389 min
Delta R.T.: -0.002 min
Response: 227321336
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

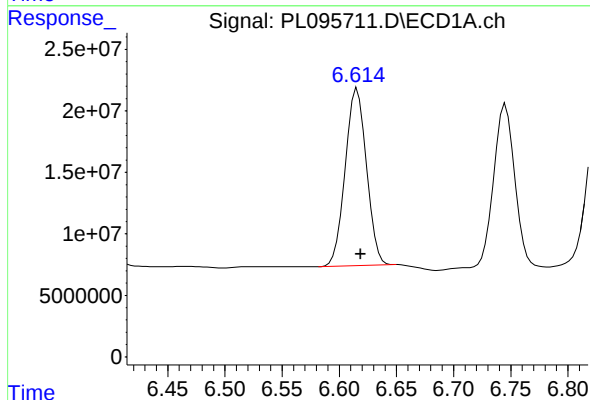
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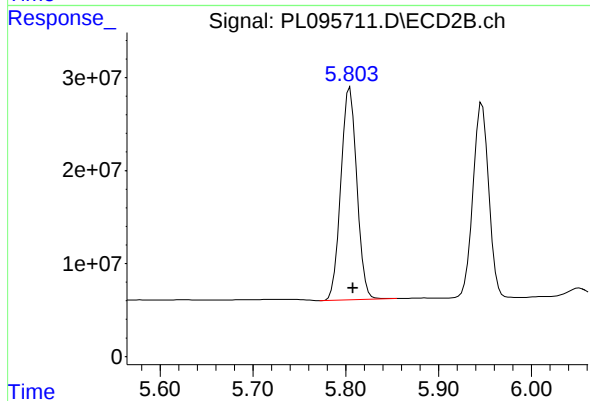
#13 Dieldrin

R.T.: 5.530 min
Delta R.T.: -0.004 min
Response: 305747463
Conc: 49.69 ng/ml



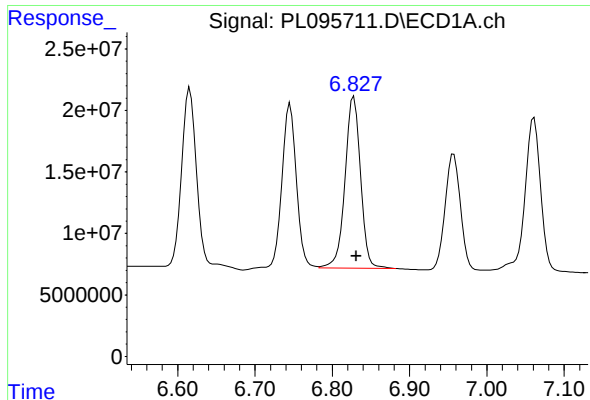
#14 Endrin

R.T.: 6.616 min
Delta R.T.: -0.003 min
Response: 187722293
Conc: 49.01 ng/ml



#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 273551280
Conc: 51.35 ng/ml



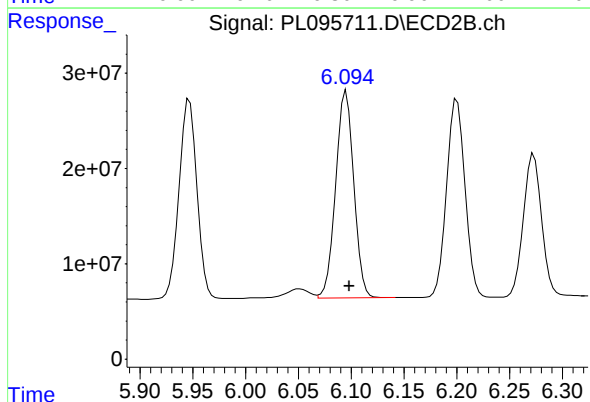
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: -0.003 min
Response: 192227552
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

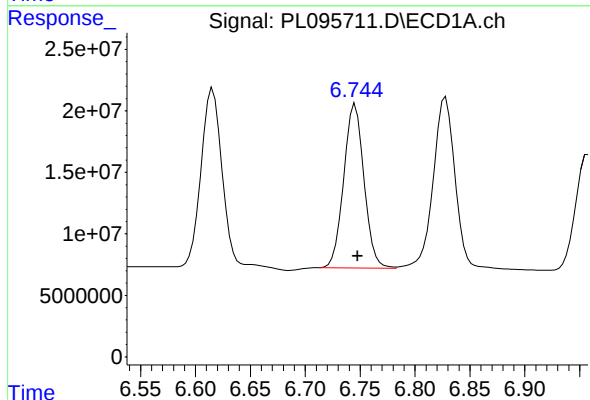
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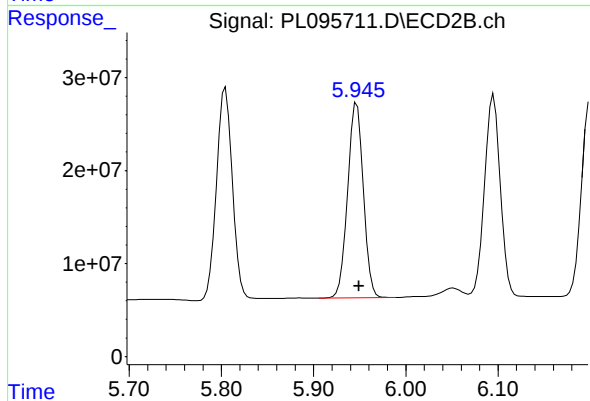
#15 Endosulfan II

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 259093945
Conc: 47.31 ng/ml



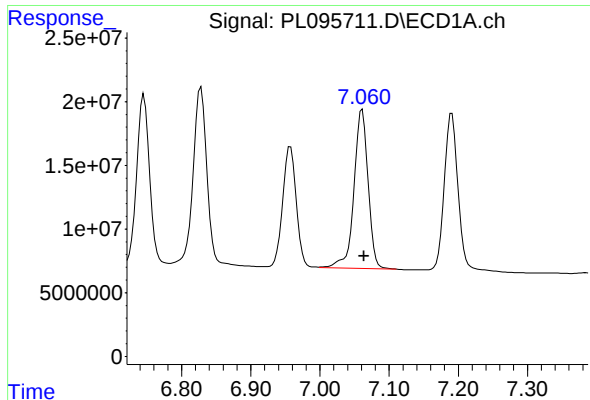
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 171235274
Conc: 44.07 ng/ml



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 248106102
Conc: 48.24 ng/ml



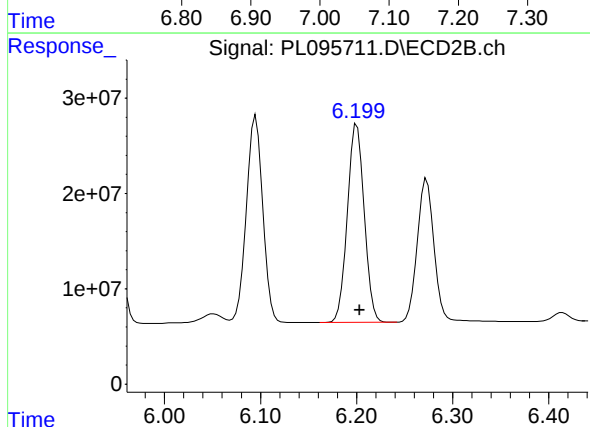
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: -0.003 min
Response: 177163380
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

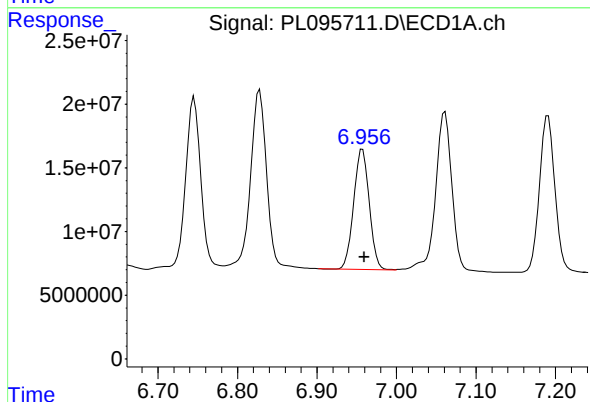
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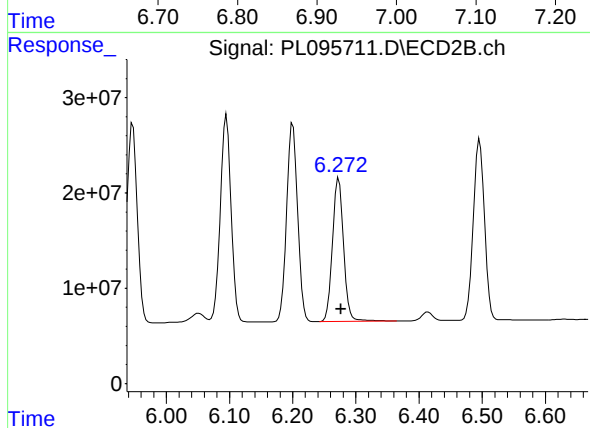
#17 4,4'-DDT

R.T.: 6.200 min
Delta R.T.: -0.003 min
Response: 253131597
Conc: 50.44 ng/ml



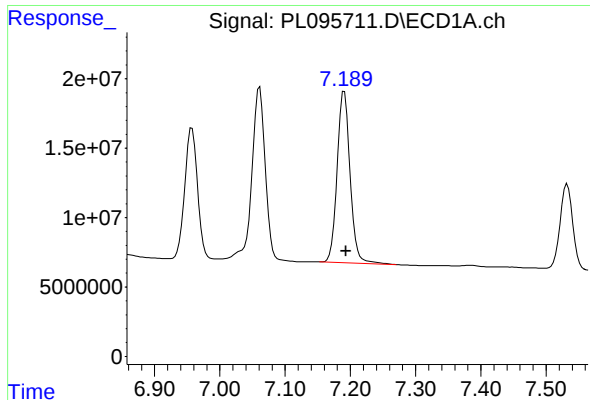
#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: -0.002 min
Response: 128484122
Conc: 43.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 184095798
Conc: 48.08 ng/ml



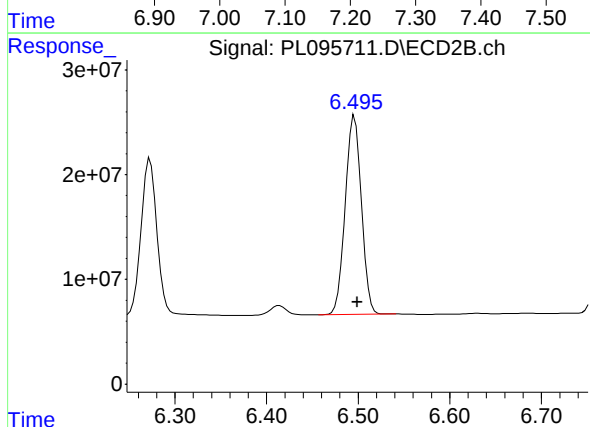
#19 Endosulfan Sulfate

R.T.: 7.191 min
Delta R.T.: -0.003 min
Response: 170618901
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

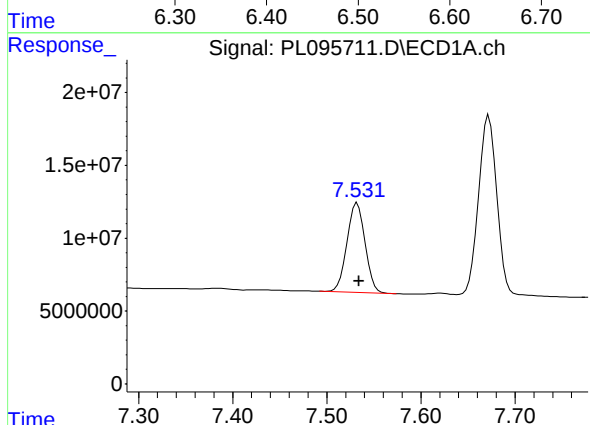
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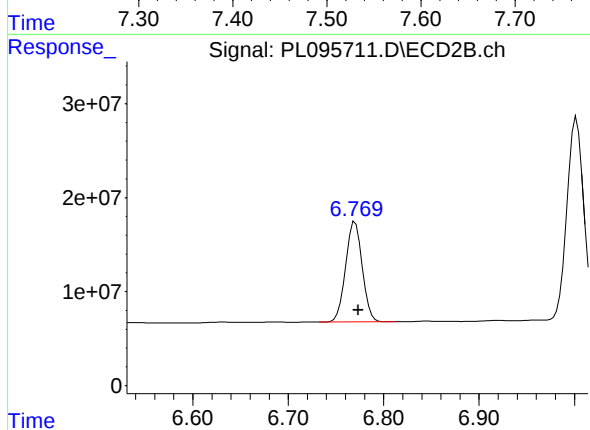
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: -0.003 min
Response: 233991876
Conc: 47.06 ng/ml



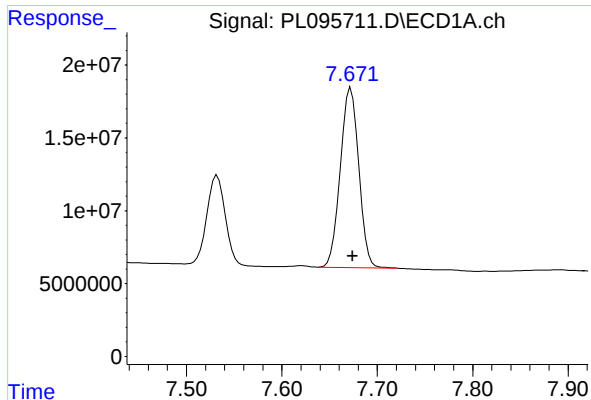
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: -0.002 min
Response: 82151240
Conc: 48.72 ng/ml



#20 Methoxychlor

R.T.: 6.770 min
Delta R.T.: -0.003 min
Response: 129736002
Conc: 47.95 ng/ml



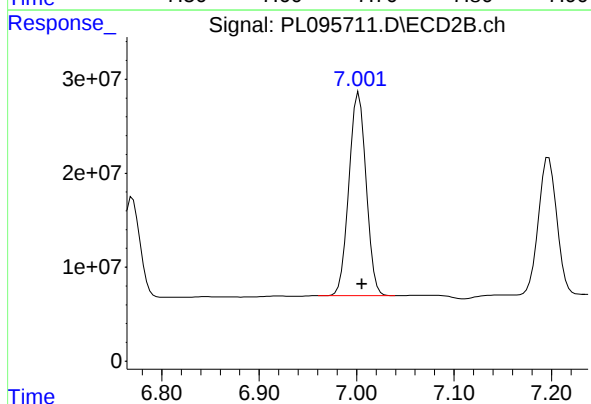
#21 Endrin ketone

R.T.: 7.672 min
Delta R.T.: -0.002 min
Response: 165888477
Conc: 44.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

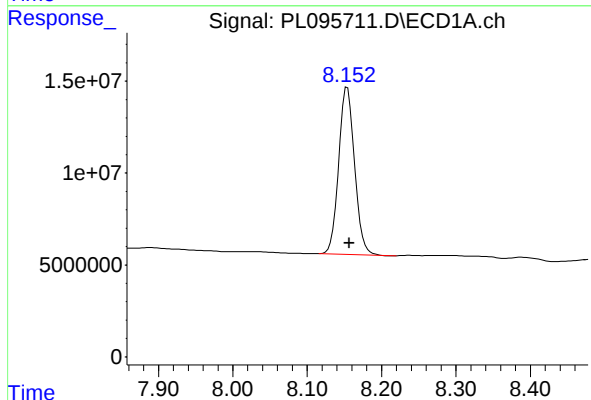
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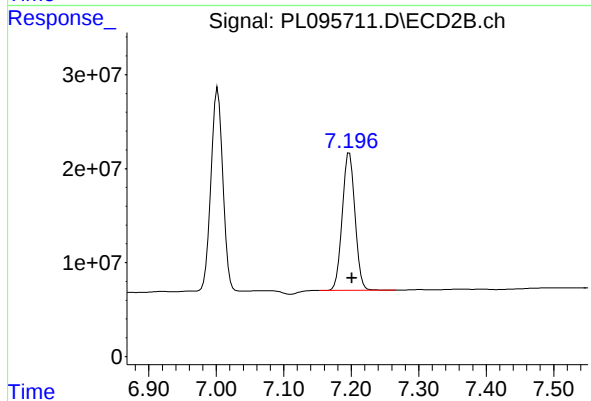
#21 Endrin ketone

R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 264703258
Conc: 45.04 ng/ml



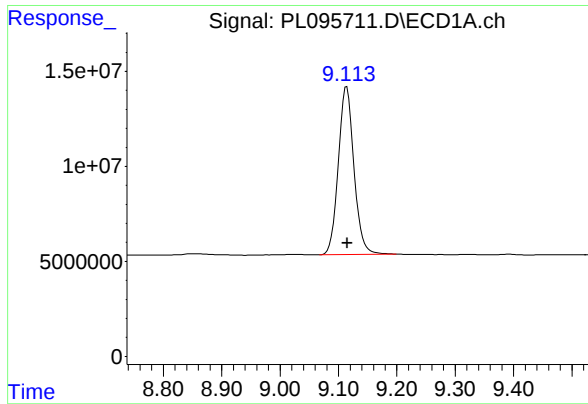
#22 Mirex

R.T.: 8.154 min
Delta R.T.: -0.002 min
Response: 134722350
Conc: 44.25 ng/ml



#22 Mirex

R.T.: 7.197 min
Delta R.T.: -0.004 min
Response: 193176921
Conc: 44.80 ng/ml



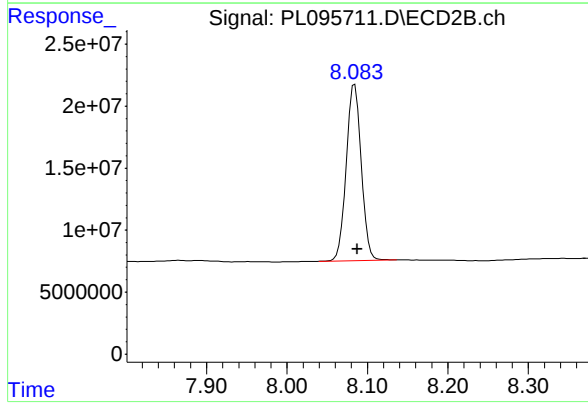
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: -0.001 min
Response: 165445173
Conc: 48.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.003 min
Response: 184396174
Conc: 44.71 ng/ml