

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081525\
 Data File : PD089895.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2025 14:28
 Operator : AR\AJ
 Sample : Q2819-14MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 17M-WMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/15/2025
 Supervised By : mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 17:26:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.549	2.877	42100671	342.4E6	17.068	21.617m#
28)	SA Decachlor...	9.069	8.067	45436605	358.4E6	12.226	17.849 #
Target Compounds							
2)	A alpha-BHC	3.998	3.389	253.8E6	1421.2E6	51.242	58.472m
3)	MA gamma-BHC...	4.329	3.727	234.7E6	1330.0E6	49.382	59.048
4)	MA Heptachlor	4.927	4.080	246.1E6	1368.2E6	51.145	58.952
5)	MB Aldrin	5.257	4.366	290.0E6	1471.3E6	63.529m	66.125
6)	B beta-BHC	4.515	4.023	90338615	566.3E6	48.973	58.694
7)	B delta-BHC	4.763	4.260	230.5E6	1372.3E6	50.254	60.414
8)	B Heptachlo...	5.682	4.869	309.8E6	1650.0E6	74.106m	80.295
9)	A Endosulfan I	6.072	5.239	195.1E6	804.9E6	49.212	41.176m
10)	B gamma-Chl...	5.945	5.127	3495.0E6	10875.0E6	836.311	502.231 #
11)	B alpha-Chl...	6.027	5.181	4144.7E6	12374.1E6	985.845	594.281 #
12)	B 4,4'-DDE	6.193	5.372	288.9E6	1394.5E6	77.450	65.972
13)	MA Dieldrin	6.345	5.508	221.0E6	1372.1E6	52.323	63.408m
14)	MA Endrin	6.573	5.785	140.6E6	1755.1E6	39.310	88.086m#
15)	B Endosulfa...	6.785	6.085	204.8E6	4872.5E6	55.817	259.180 #
16)	A 4,4'-DDD	6.701	5.924	129.0E6	1089.0E6	43.080m	61.760m#
17)	MA 4,4'-DDT	7.019	6.180	213.7E6	1575.0E6	63.611	85.727 #
18)	B Endrin al...	6.914	6.255	142.3E6	787.8E6	57.014	60.974
19)	B Endosulfa...	7.149	6.479	182.2E6	1040.6E6	52.502	56.052
20)	A Methoxychlor	7.492	6.750	79395593	517.3E6	44.405	52.806
21)	B Endrin ke...	7.629	6.987	162.6E6	1115.9E6	43.769	55.604 #
22)	Mirex	8.112	7.179	122.6E6	870.2E6	43.972	57.172m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081525\
Data File : PD089895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 14:28
Operator : AR\AJ
Sample : Q2819-14MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

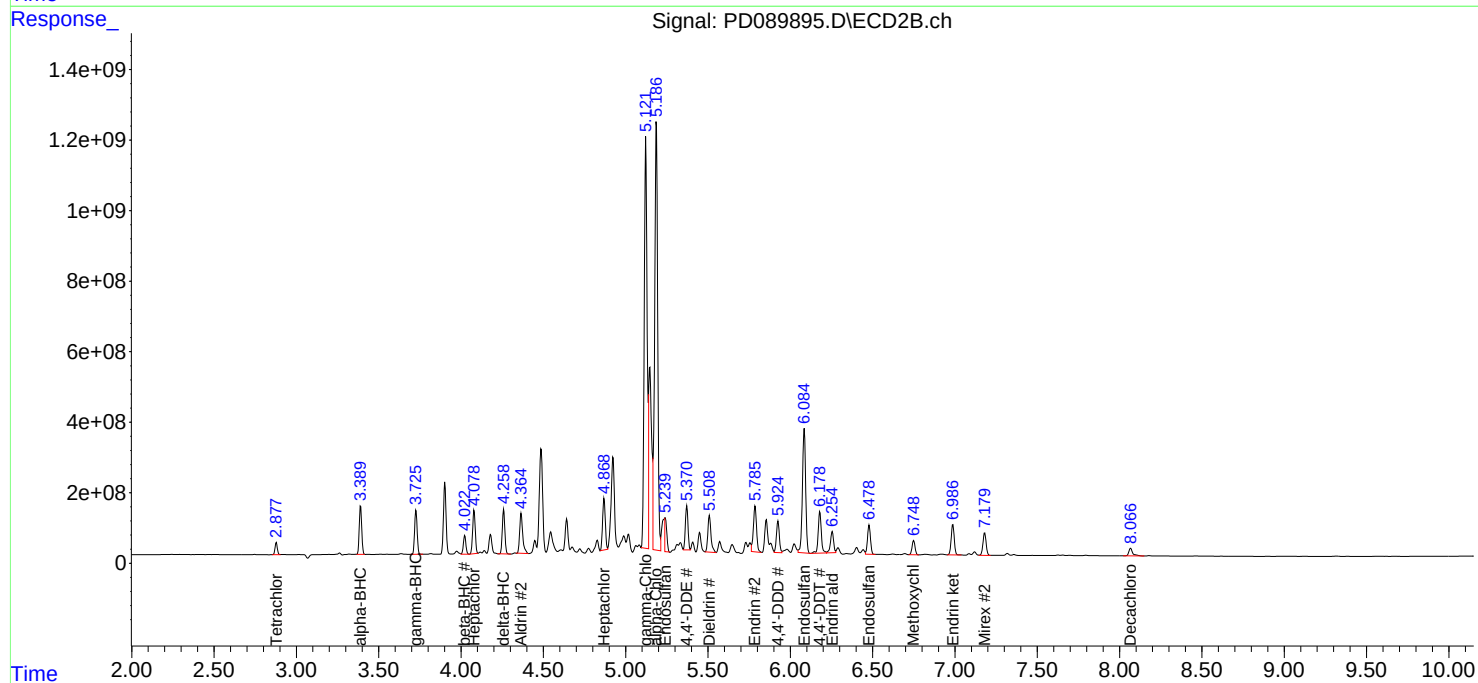
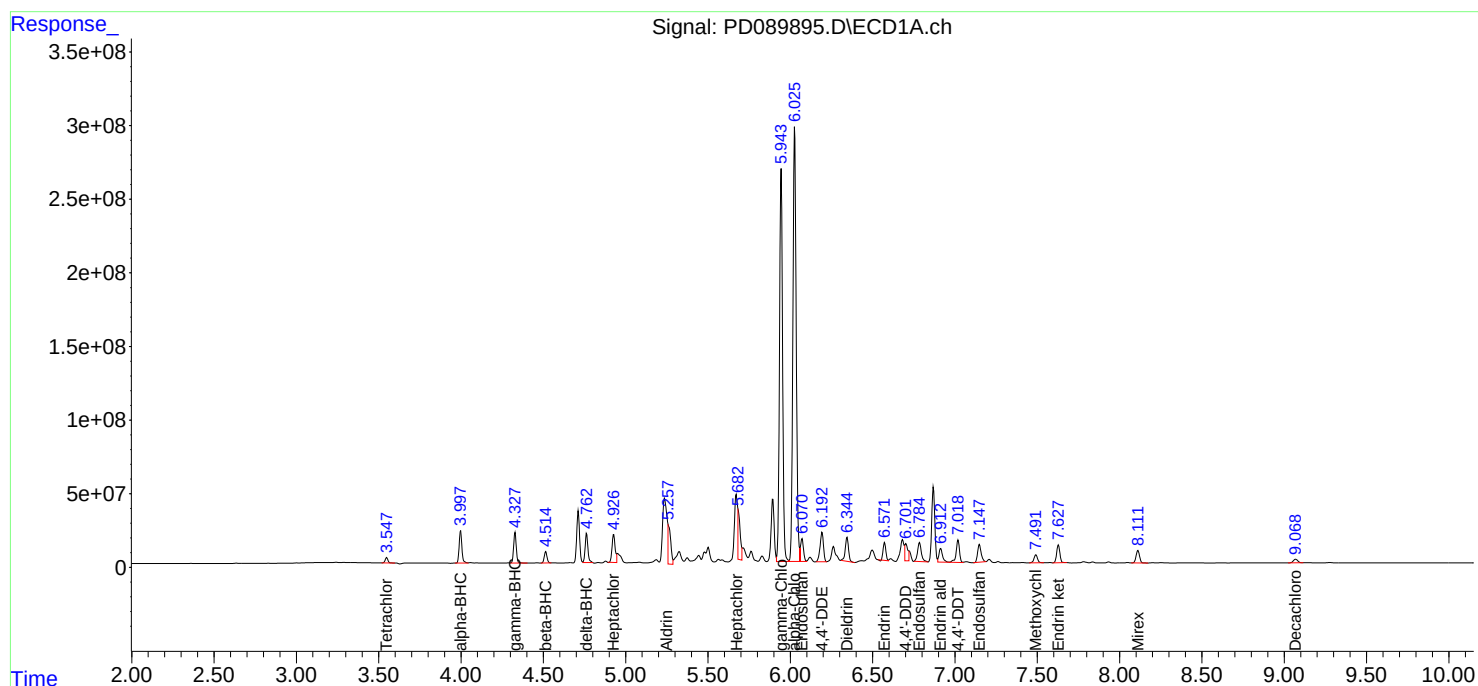
Instrument :
ECD_D
ClientSampleId :
17M-WMSD

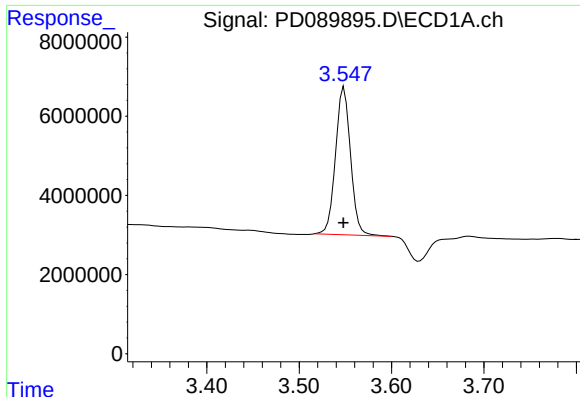
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 17:26:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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 x 0.25µm





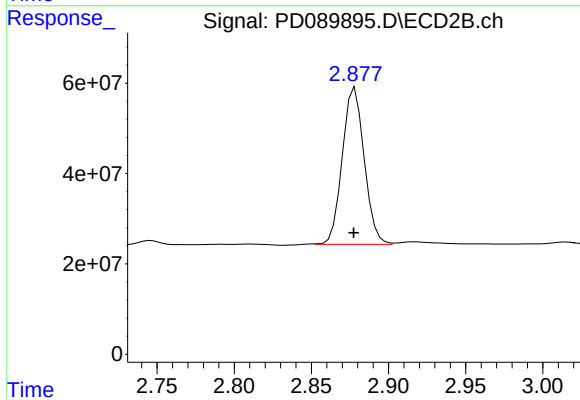
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 42100671
Conc: 17.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
17M-WMSD

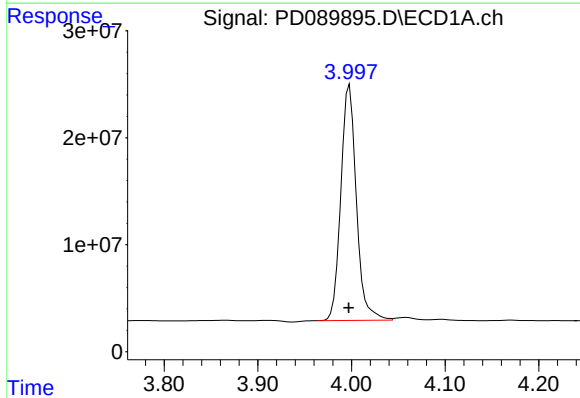
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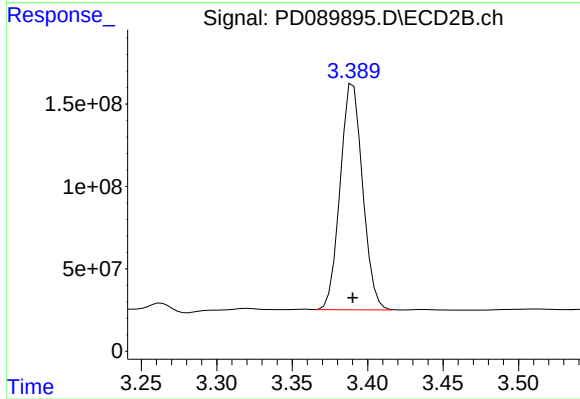
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 342363978
Conc: 21.62 ng/ml m



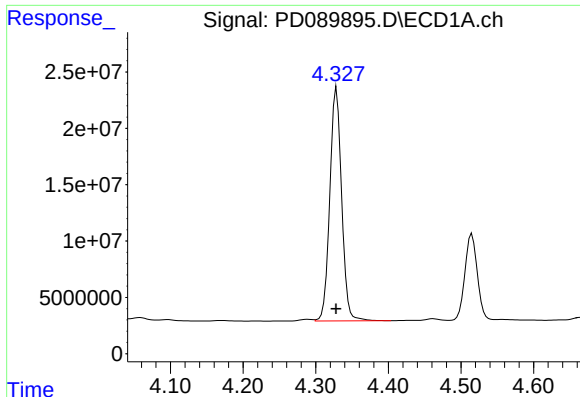
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 253826660
Conc: 51.24 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: -0.001 min
Response: 1421163606
Conc: 58.47 ng/ml m



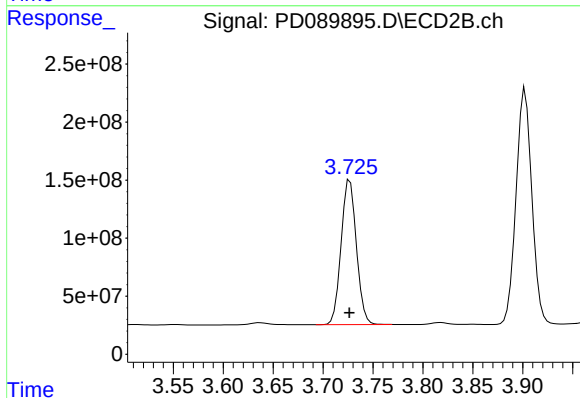
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 234680158
Conc: 49.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
17M-WMSD

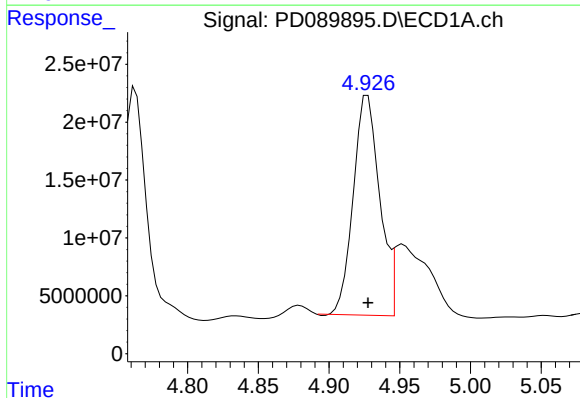
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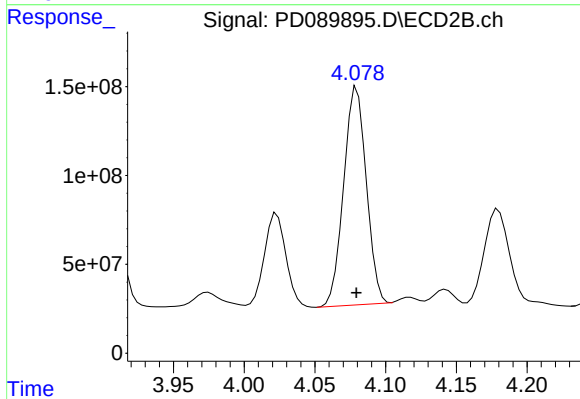
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 1330012578
Conc: 59.05 ng/ml



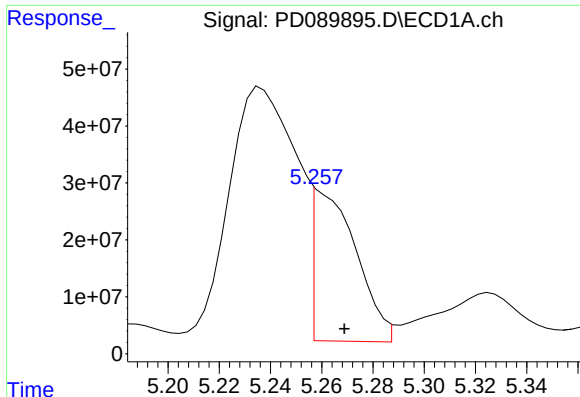
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 246086775
Conc: 51.15 ng/ml



#4 Heptachlor

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 1368220382
Conc: 58.95 ng/ml



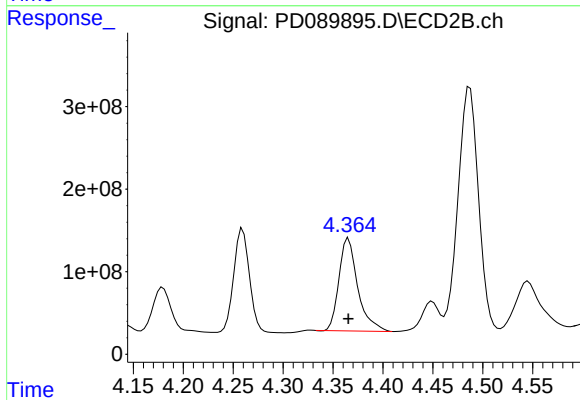
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: -0.012 min
Response: 290001880
Conc: 63.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
17M-WMSD

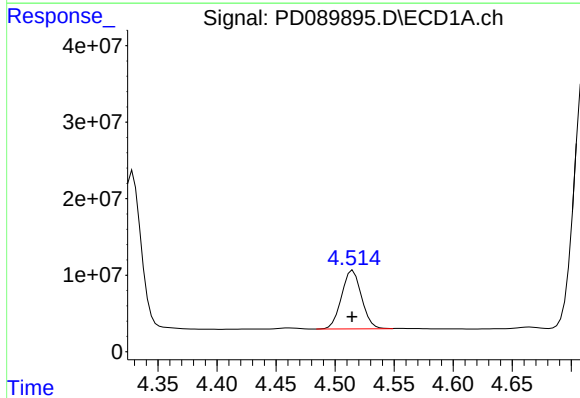
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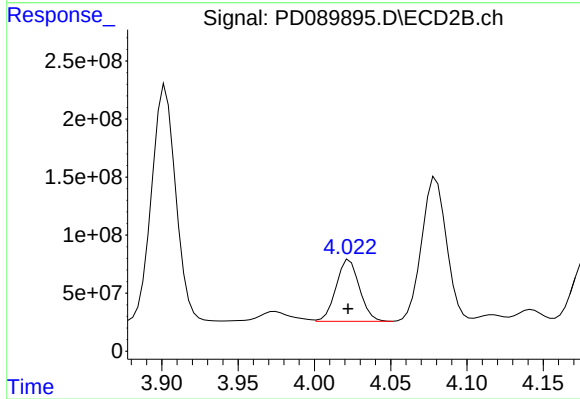
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 1471322547
Conc: 66.12 ng/ml



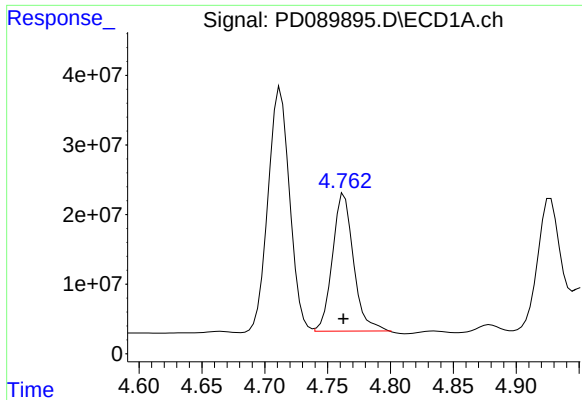
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 90338615
Conc: 48.97 ng/ml



#6 beta-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 566340799
Conc: 58.69 ng/ml



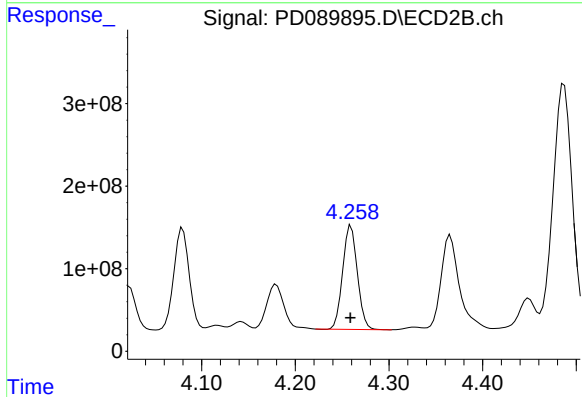
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 230477398
Conc: 50.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
17M-WMSD

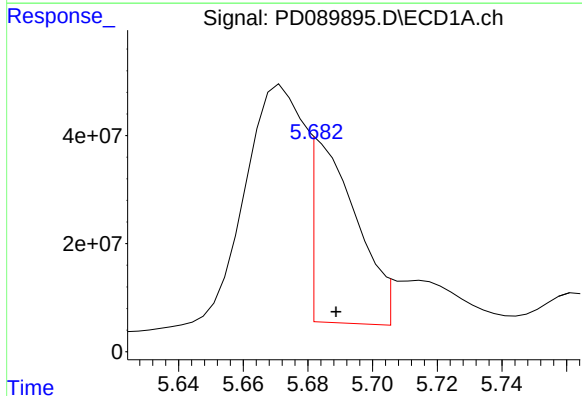
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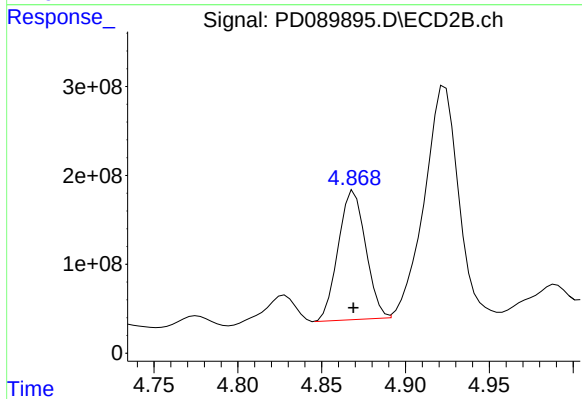
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 1372306341
Conc: 60.41 ng/ml



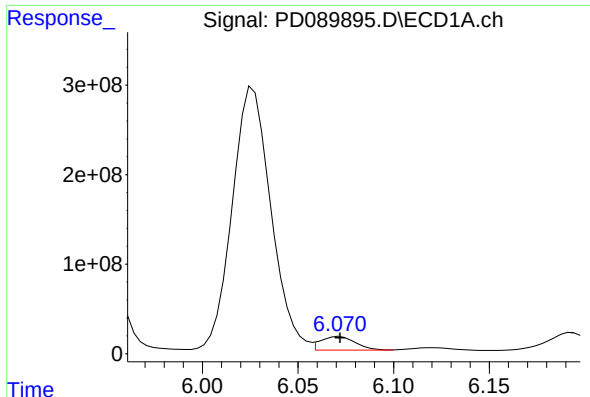
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.007 min
Response: 309817529
Conc: 74.11 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 1650040280
Conc: 80.29 ng/ml



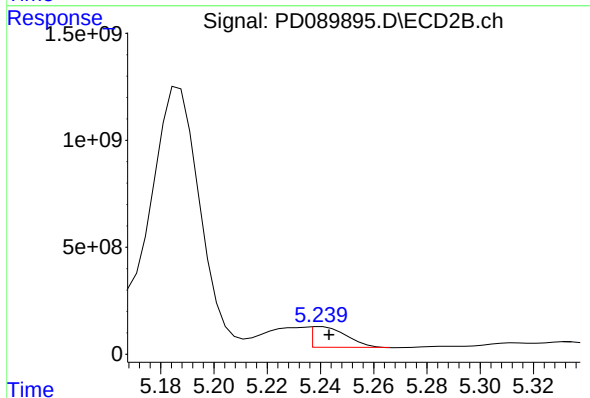
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 195059510
Conc: 49.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
17M-WMSD

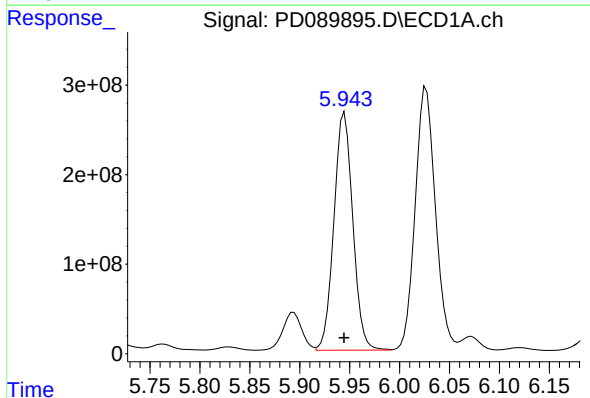
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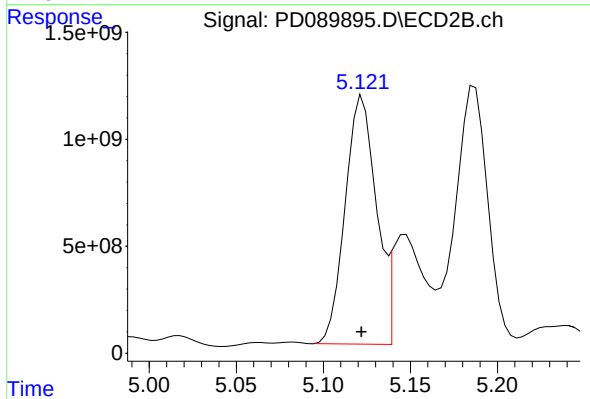
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.004 min
Response: 804924220
Conc: 41.18 ng/ml m



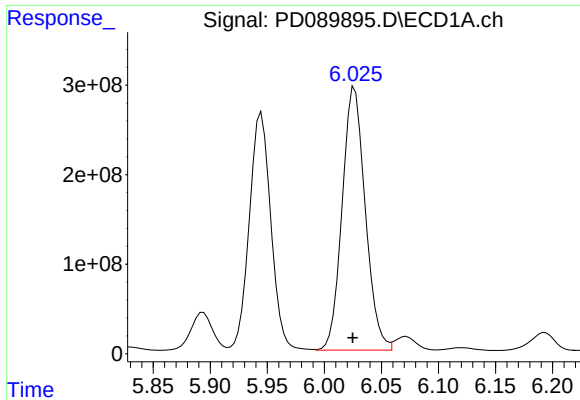
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 3495009453
Conc: 836.31 ng/ml



#10 gamma-Chlordane

R.T.: 5.127 min
Delta R.T.: 0.005 min
Response: 10874985076
Conc: 502.23 ng/ml



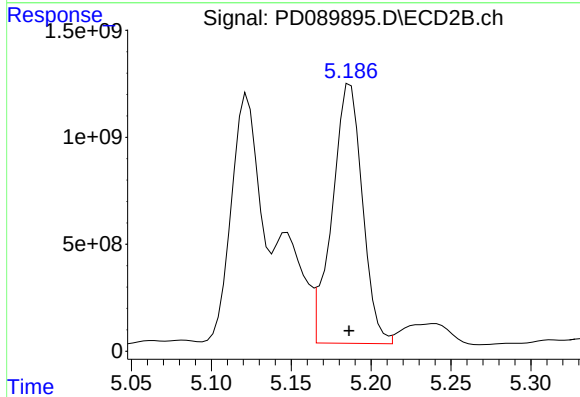
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 4144653669
Conc: 985.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
17M-WMSD

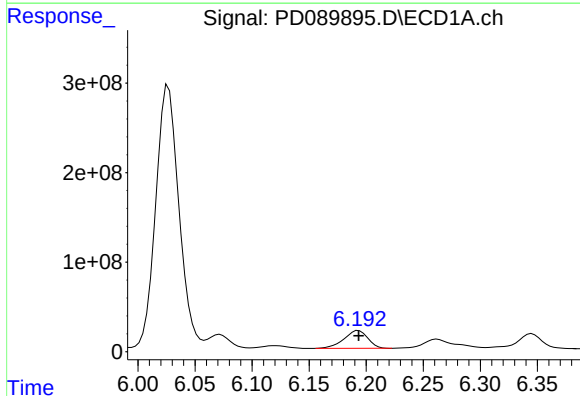
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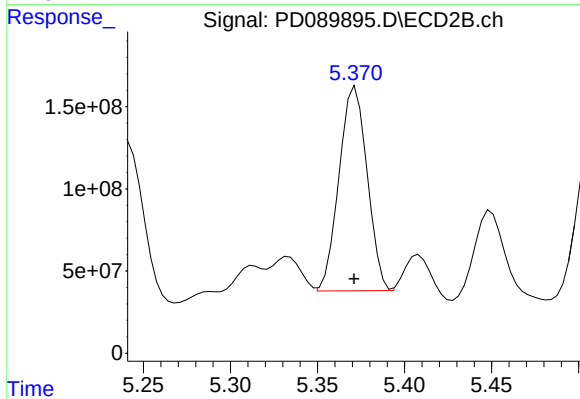
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 12374120744
Conc: 594.28 ng/ml



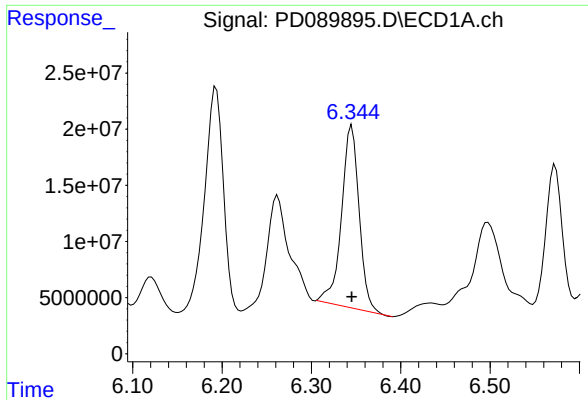
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 288870092
Conc: 77.45 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 1394457825
Conc: 65.97 ng/ml



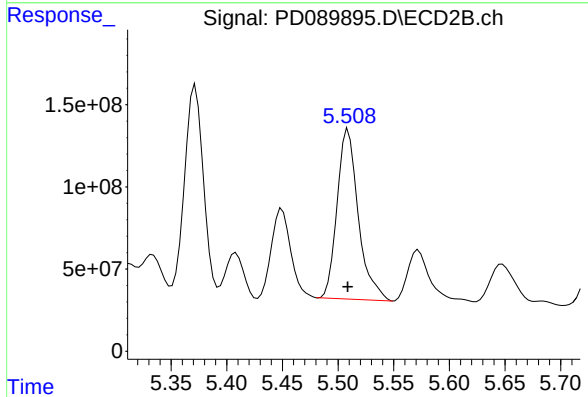
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 220982477
Conc: 52.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
17M-WMSD

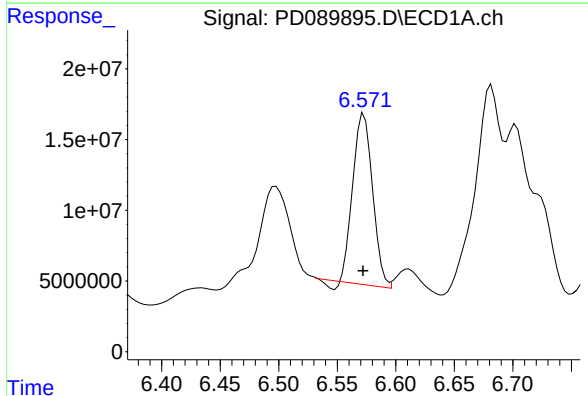
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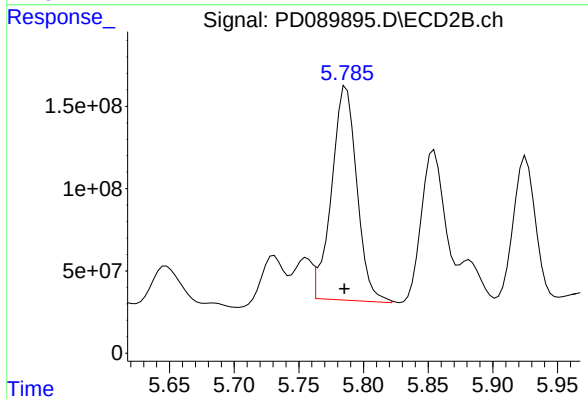
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 1372089284
Conc: 63.41 ng/ml m



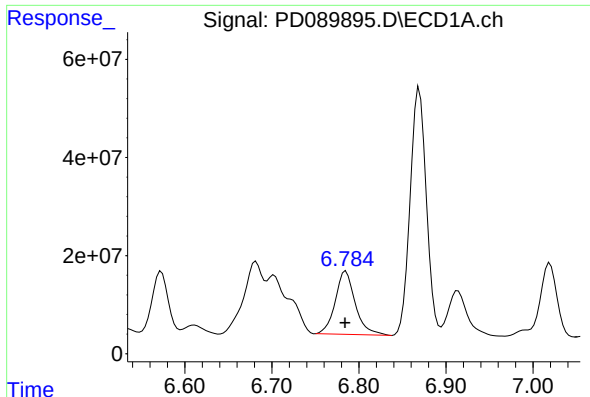
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 140638994
Conc: 39.31 ng/ml



#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1755123477
Conc: 88.09 ng/ml m



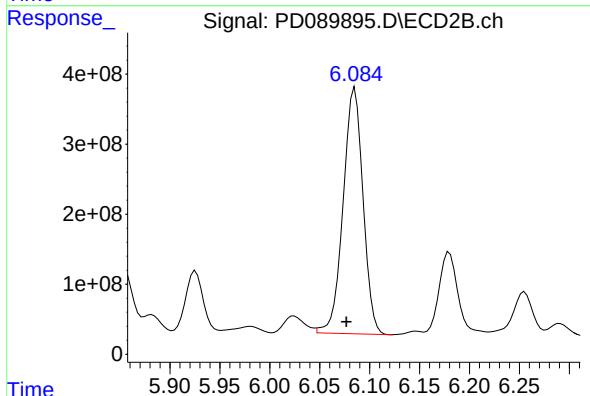
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.000 min
Response: 204812914
Conc: 55.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
17M-WMSD

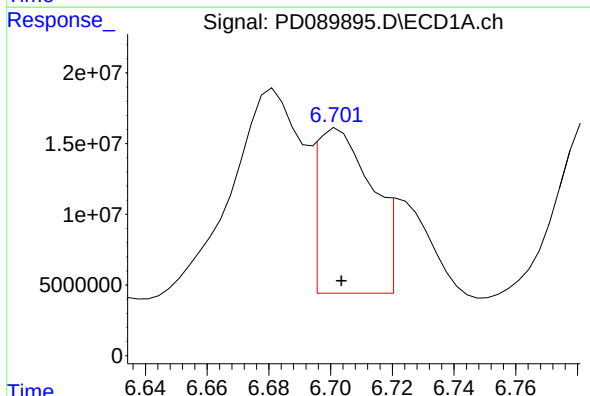
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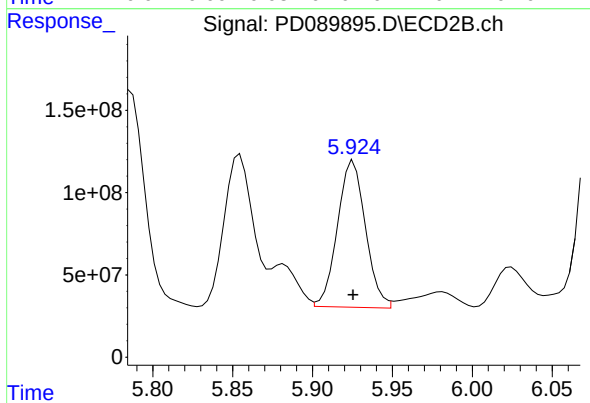
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.008 min
Response: 4872468456
Conc: 259.18 ng/ml



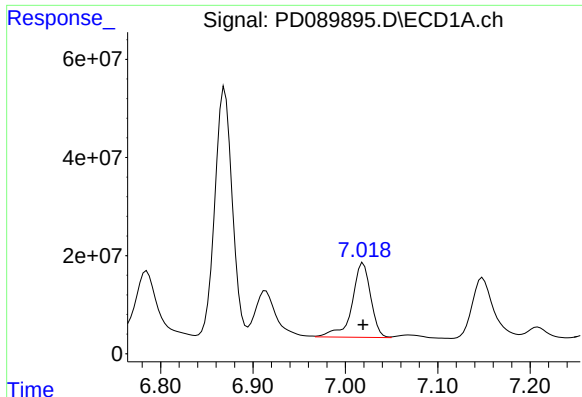
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.002 min
Response: 129017872
Conc: 43.08 ng/ml m



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 1088990517
Conc: 61.76 ng/ml m



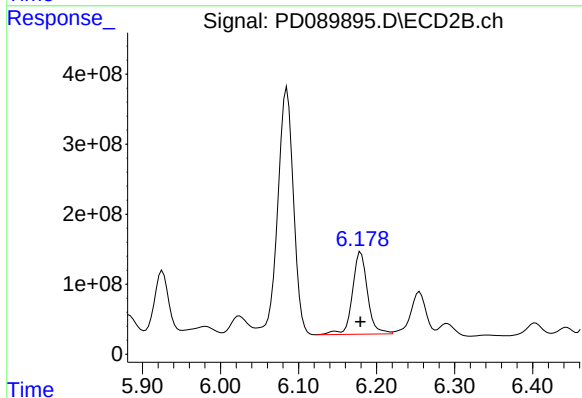
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 213749836
Conc: 63.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
17M-WMSD

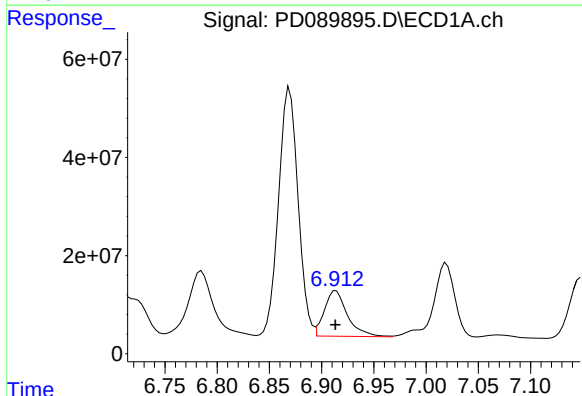
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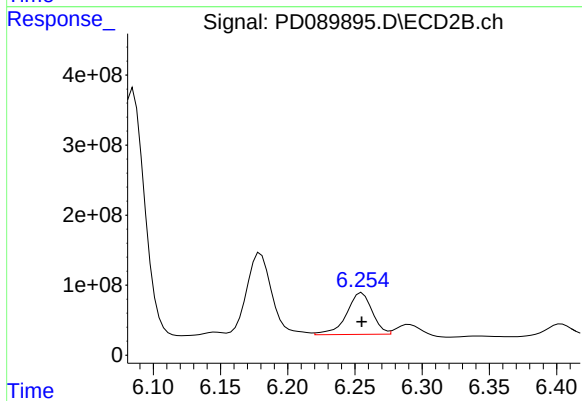
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 1575042130
Conc: 85.73 ng/ml



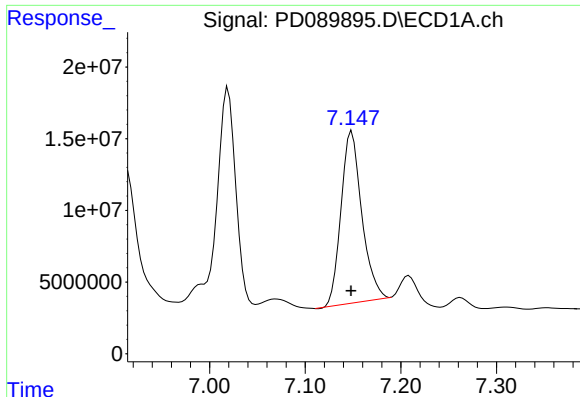
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 142281675
Conc: 57.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 787805390
Conc: 60.97 ng/ml



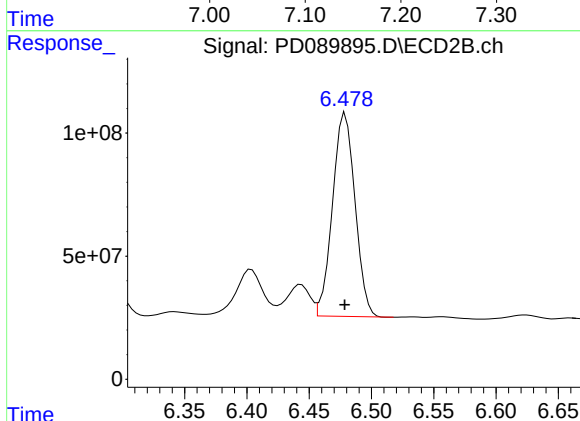
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 182185557
Conc: 52.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
17M-WMSD

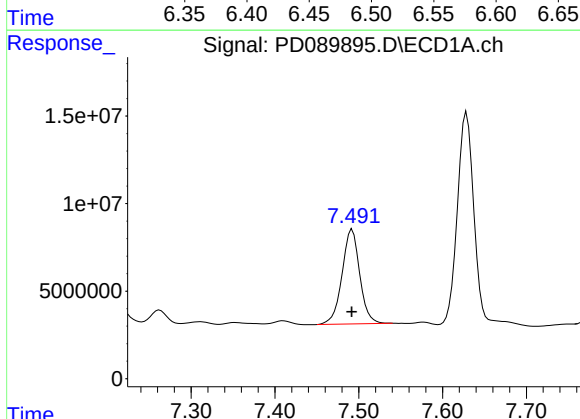
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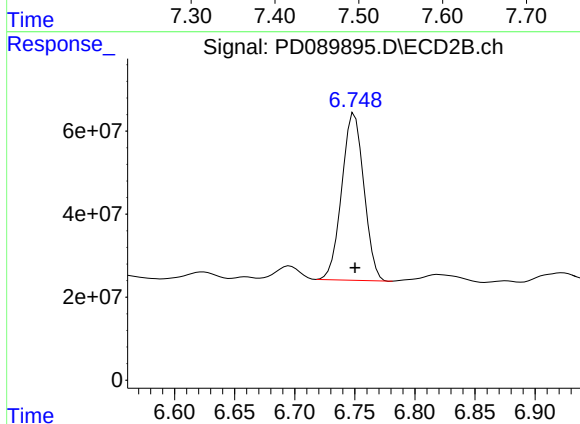
#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 1040636661
Conc: 56.05 ng/ml



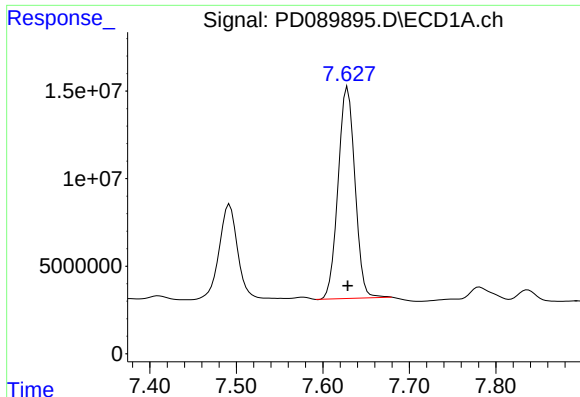
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 79395593
Conc: 44.41 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 517258952
Conc: 52.81 ng/ml



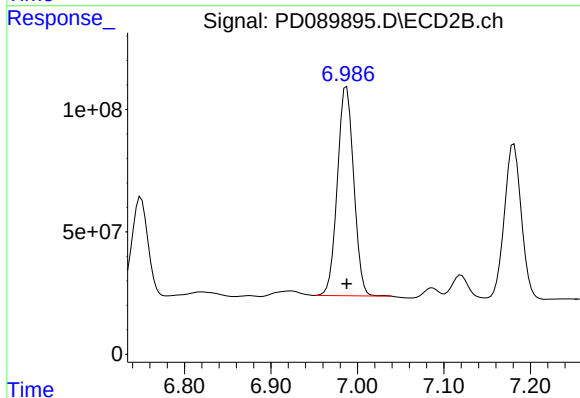
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 162563706
Conc: 43.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
17M-WMSD

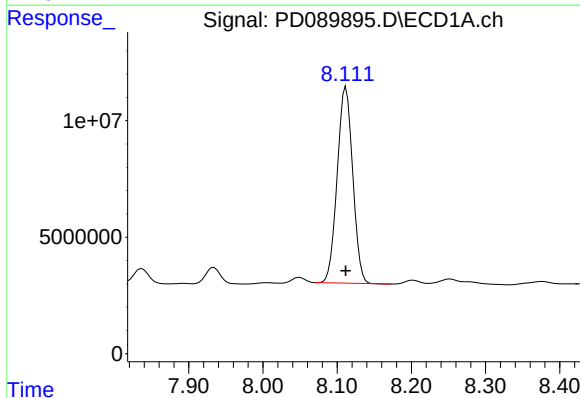
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/15/2025
Supervised By :mohammad ahmed 08/18/2025



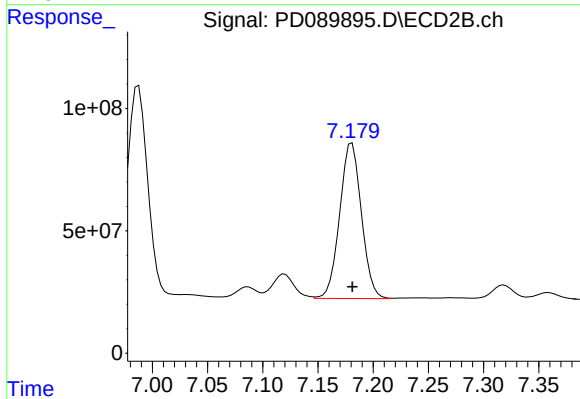
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: 0.000 min
Response: 1115870537
Conc: 55.60 ng/ml



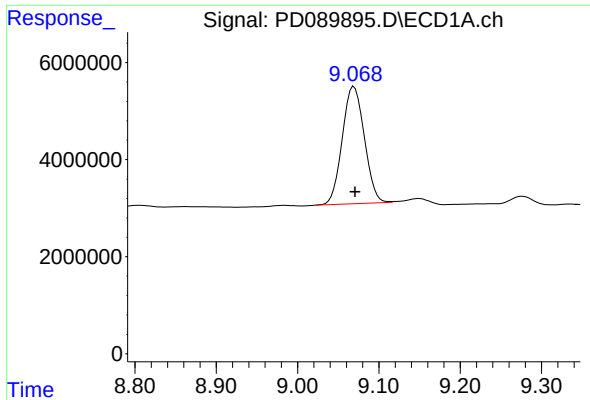
#22 Mirex

R.T.: 8.112 min
Delta R.T.: 0.000 min
Response: 122607019
Conc: 43.97 ng/ml



#22 Mirex

R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 870219889
Conc: 57.17 ng/ml m



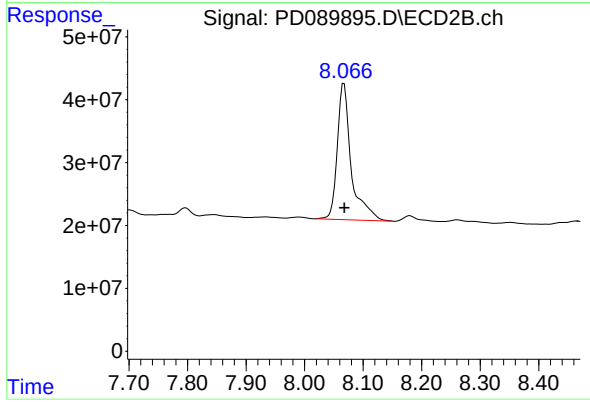
#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 45436605
Conc: 12.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
17M-WMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/15/2025
Supervised By :mohammad ahmed 08/18/2025



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 358369994
Conc: 17.85 ng/ml