

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
 Data File : PD091505.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2025 02:16
 Operator : AR\AJ
 Sample : Q3795-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11966MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/09/2025
 Supervised By :Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 04:40:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.870	62406307	804.6E6	17.967m	20.419
2)	SA Decachlor...	9.058	8.054	101.5E6	864.3E6	19.529	20.872m
Target Compounds							
2)	A alpha-BHC	3.989	3.381	433.1E6	3786.9E6	53.794	55.548
3)	MA gamma-BHC...	4.318	3.718	424.2E6	3466.8E6	56.447m	61.655
4)	MA Heptachlor	4.917	4.069	403.6E6	3394.0E6	56.859	58.233
5)	MB Aldrin	5.256	4.353	555.9E6	3396.6E6	79.897m	58.575m#
6)	B beta-BHC	4.507	4.014	154.0E6	1501.6E6	53.357	62.675
7)	B delta-BHC	4.755	4.250	409.0E6	3553.7E6	68.369	59.340
8)	B Heptachlo...	5.679	4.857	514.4E6	3653.7E6	83.077	72.212m
9)	A Endosulfan I	6.062	5.232	342.8E6	3096.5E6	56.107	63.209
10)	B gamma-Chl...	5.933	5.110	672.4E6	5676.7E6	105.448m	101.695m
11)	B alpha-Chl...	6.015	5.176	931.4E6	6915.3E6	138.677	129.134
12)	B 4,4'-DDE	6.183	5.360	380.1E6	3484.0E6	65.430m	63.568
13)	MA Dieldrin	6.335	5.498	356.3E6	3254.9E6	54.763	58.684
14)	MA Endrin	6.563	5.775	307.0E6	3016.5E6	54.743	57.700
15)	B Endosulfa...	6.775	6.068	291.4E6	3954.5E6	47.919	83.935 #
16)	A 4,4'-DDD	6.695	5.915	267.7E6	2459.2E6	58.165	54.064
17)	MA 4,4'-DDT	7.010	6.168	304.9E6	3068.5E6	59.127	64.737
18)	B Endrin al...	6.904	6.244	236.9E6	2196.3E6	56.715	61.535
19)	B Endosulfa...	7.139	6.468	285.7E6	2704.3E6	54.110	58.669
20)	A Methoxychlor	7.483	6.738	146.3E6	1368.7E6	54.423	58.001
21)	B Endrin ke...	7.618	6.977	299.6E6	2873.8E6	53.180m	59.079
22)	Mirex	8.101	7.169	173.4E6	1740.0E6	46.678	53.088

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
Data File : PD091505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Dec 2025 02:16
Operator : AR\AJ
Sample : Q3795-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

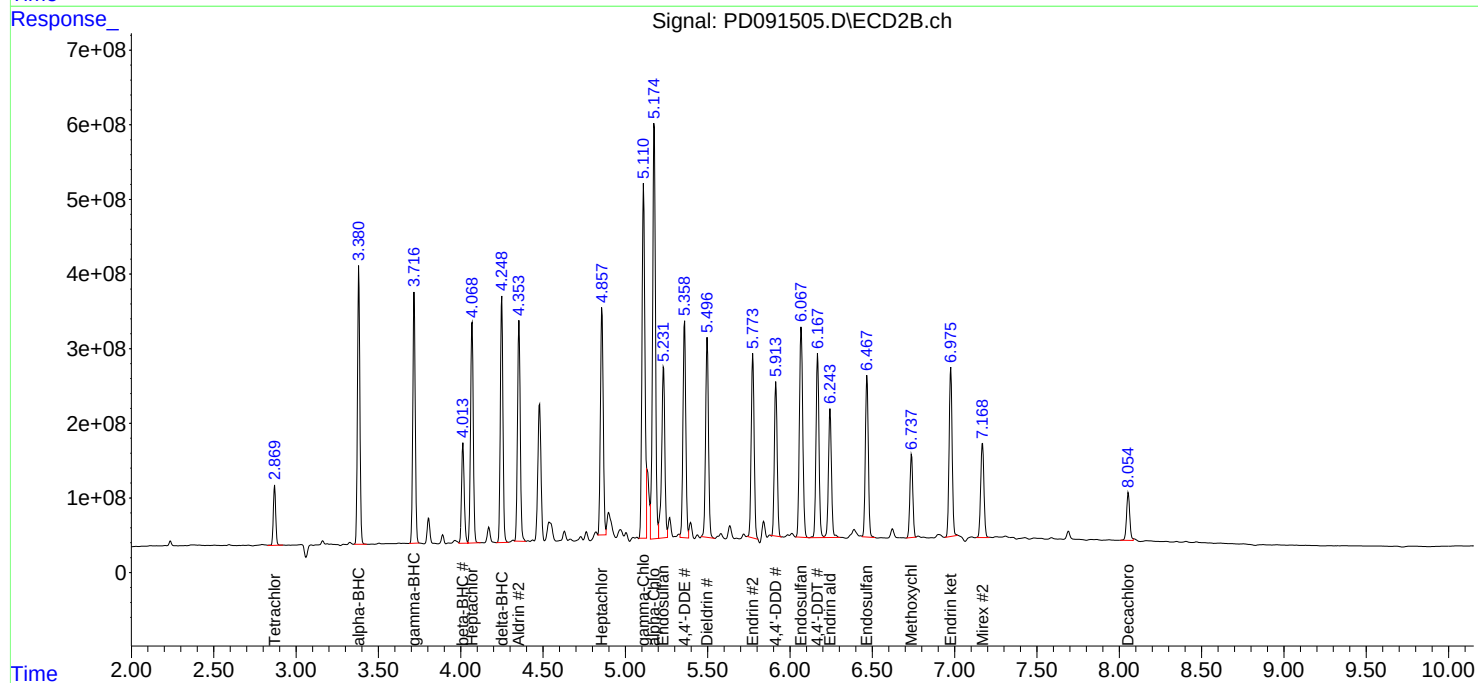
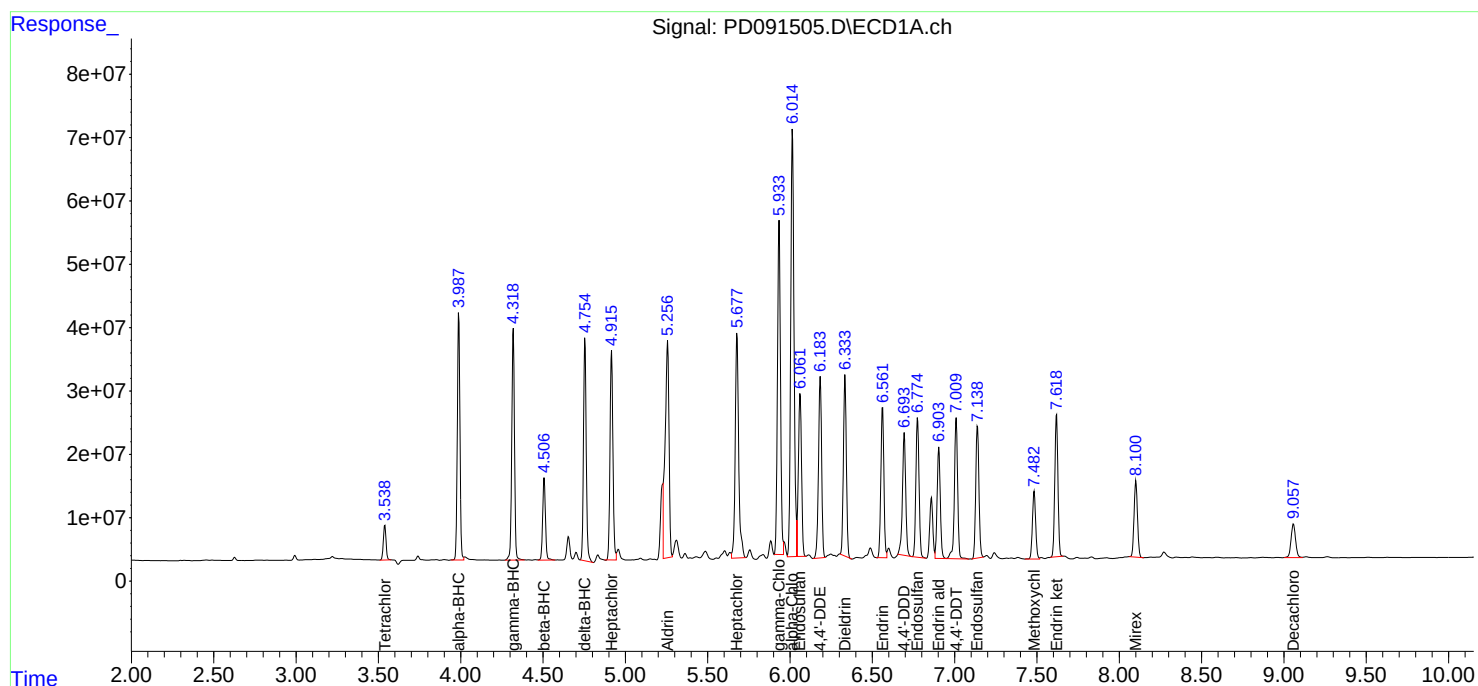
Instrument :
ECD_D
ClientSampleId :
72-11966MS

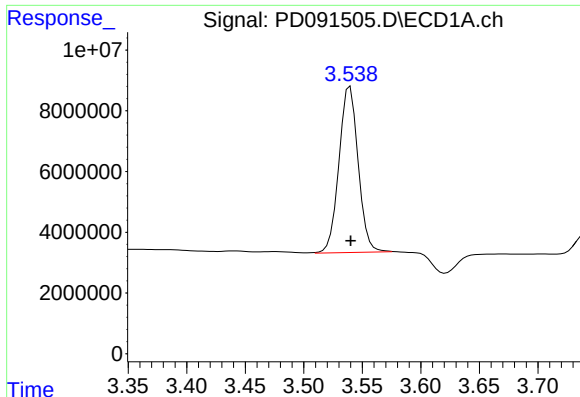
Manual Integrations
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Supervised By : Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 04:40:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 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





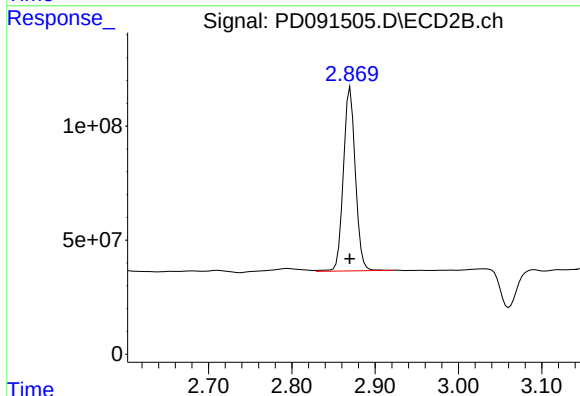
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.002 min
Response: 62406307
Conc: 17.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MS

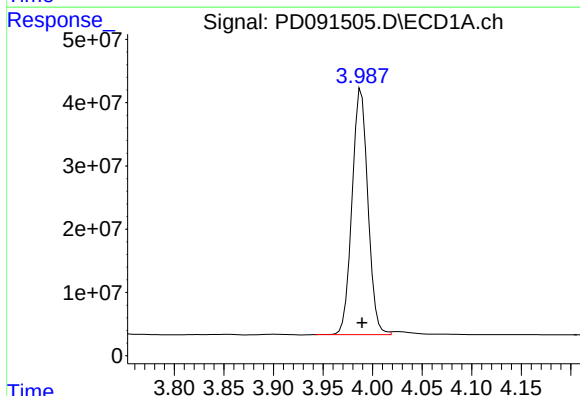
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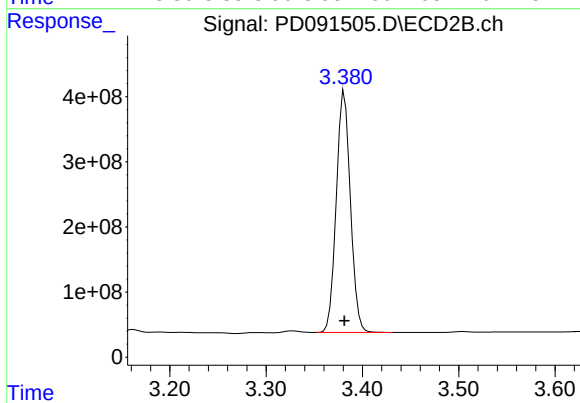
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 804556311
Conc: 20.42 ng/ml



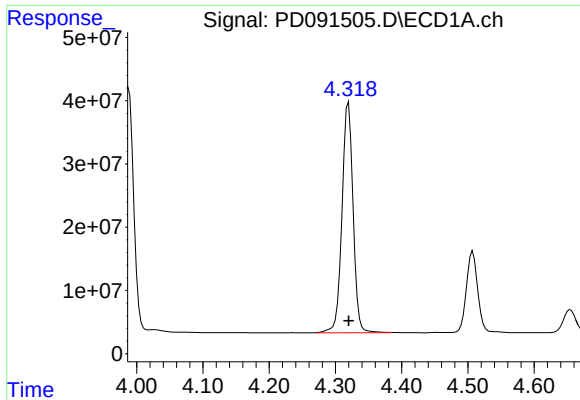
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 433093784
Conc: 53.79 ng/ml



#2 alpha-BHC

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 3786897208
Conc: 55.55 ng/ml



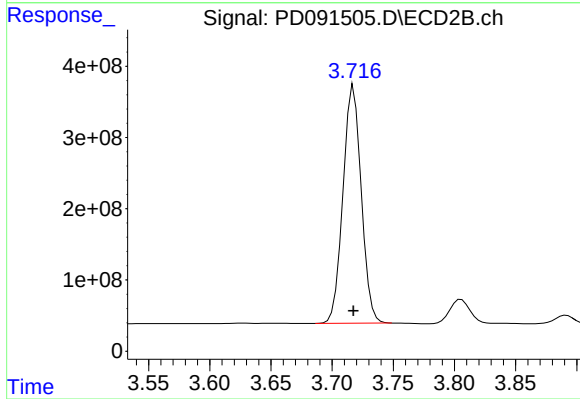
#3 gamma-BHC (Lindane)

R.T.: 4.318 min
Delta R.T.: -0.002 min
Response: 424238884
Conc: 56.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MS

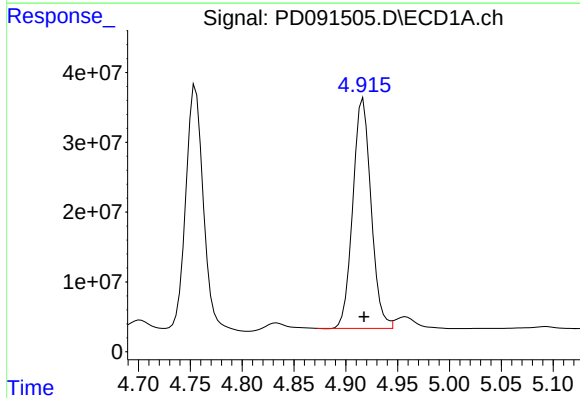
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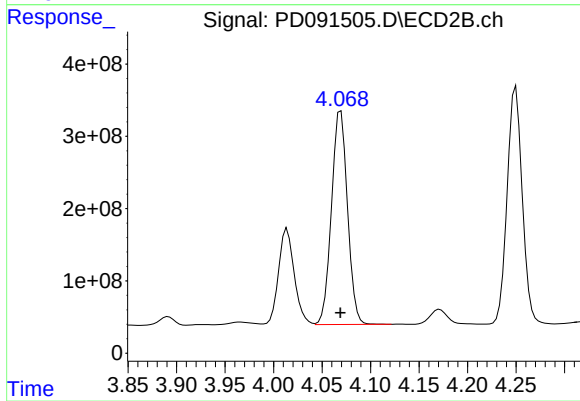
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 3466821524
Conc: 61.66 ng/ml



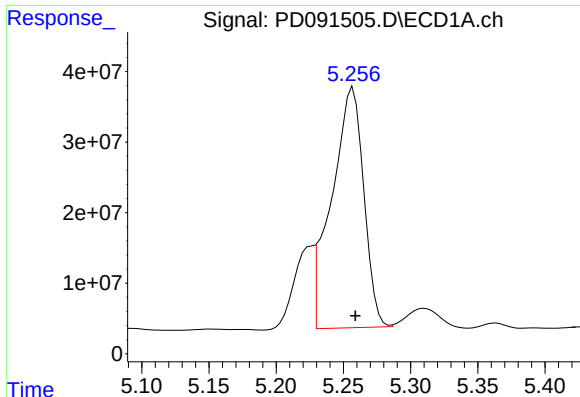
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 403634385
Conc: 56.86 ng/ml



#4 Heptachlor

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 3394048379
Conc: 58.23 ng/ml



#5 Aldrin

R.T.: 5.256 min
Delta R.T.: -0.003 min
Response: 555907523
Conc: 79.90 ng/ml

Instrument :

ECD_D

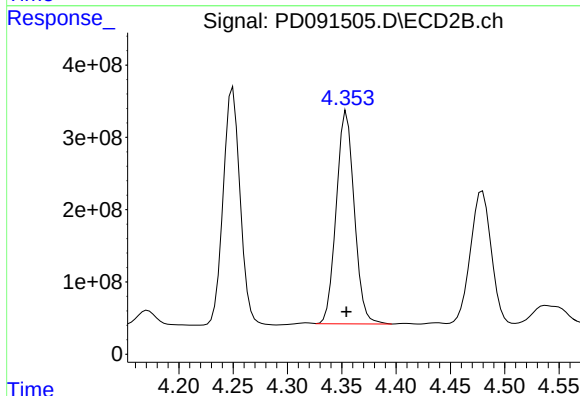
ClientSampleId :

72-11966MS

Manual Integrations

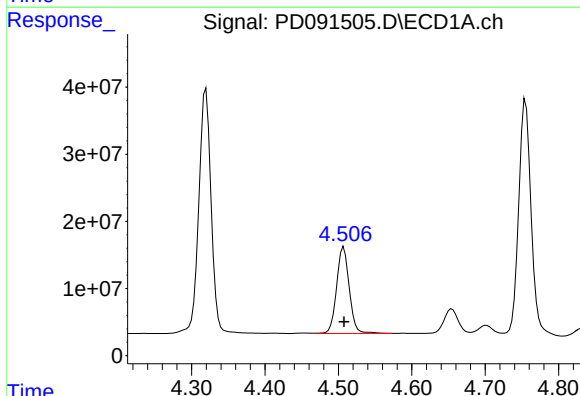
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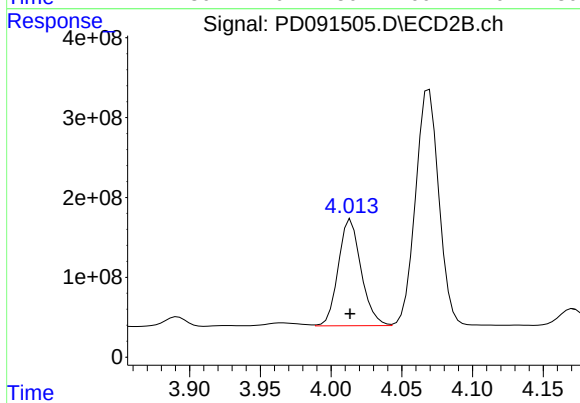
#5 Aldrin

R.T.: 4.353 min
Delta R.T.: -0.001 min
Response: 3396554805
Conc: 58.58 ng/ml m



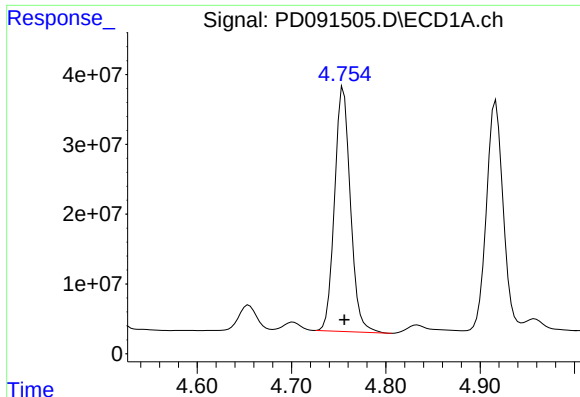
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 154044481
Conc: 53.36 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1501638220
Conc: 62.68 ng/ml



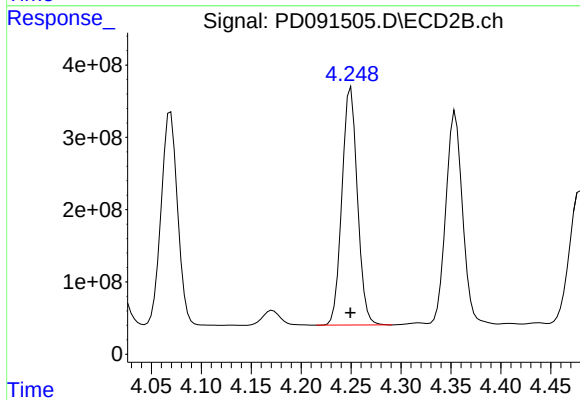
#7 delta-BHC

R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 409001237
Conc: 68.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MS

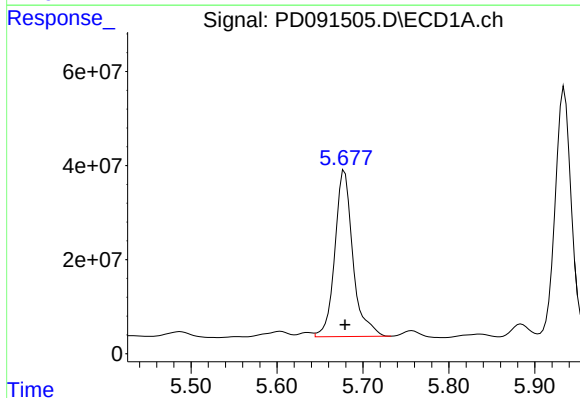
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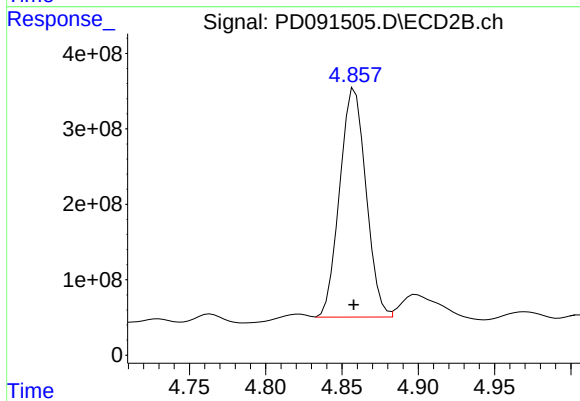
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 3553670307
Conc: 59.34 ng/ml



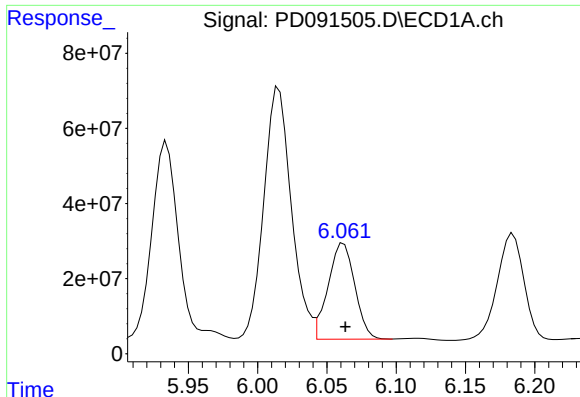
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 514438479
Conc: 83.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 3653731460
Conc: 72.21 ng/ml m



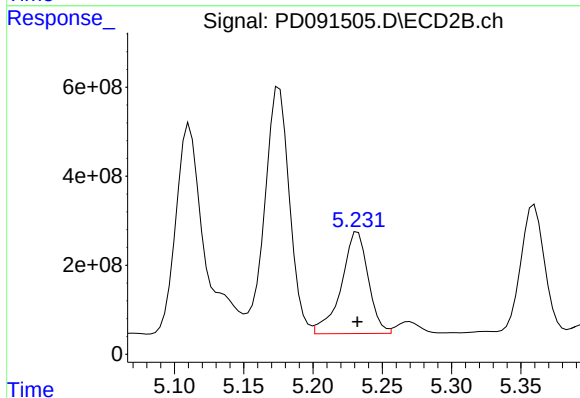
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: -0.001 min
Response: 342800623
Conc: 56.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MS

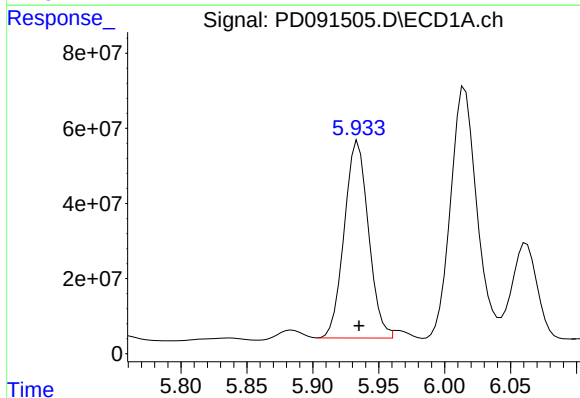
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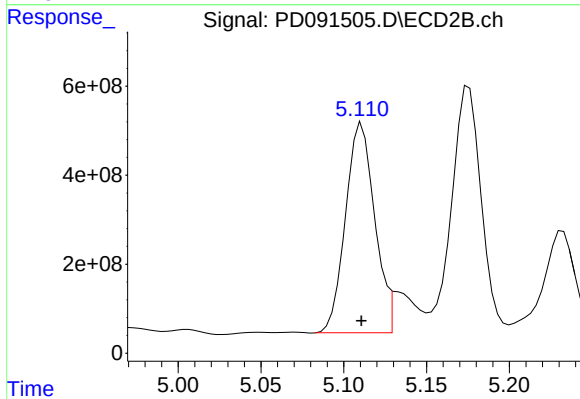
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 3096531328
Conc: 63.21 ng/ml



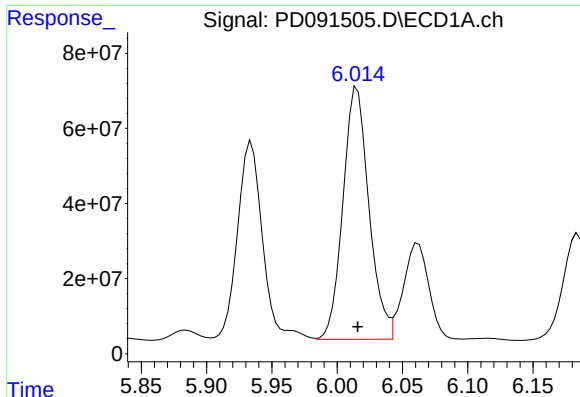
#10 gamma-Chlordane

R.T.: 5.933 min
Delta R.T.: -0.002 min
Response: 672441663
Conc: 105.45 ng/ml m



#10 gamma-Chlordane

R.T.: 5.110 min
Delta R.T.: -0.001 min
Response: 5676734987
Conc: 101.70 ng/ml m



#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 931379931
Conc: 138.68 ng/ml

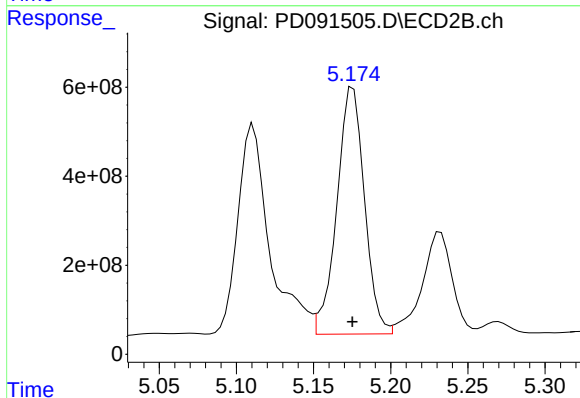
Instrument :

ECD_D

ClientSampleId :
72-11966MS

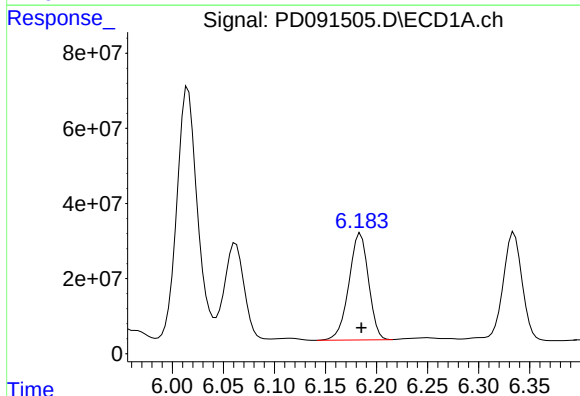
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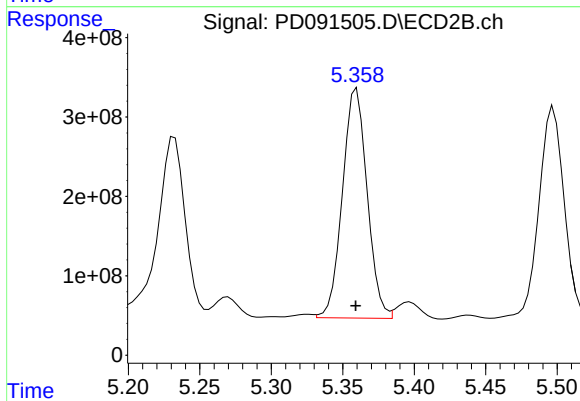
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 6915256877
Conc: 129.13 ng/ml



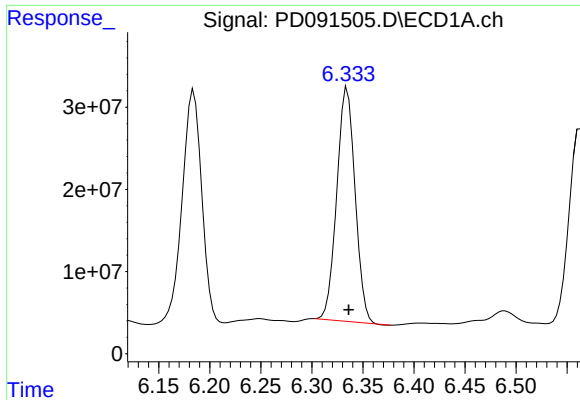
#12 4,4'-DDE

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 380108528
Conc: 65.43 ng/ml m



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 3483986098
Conc: 63.57 ng/ml



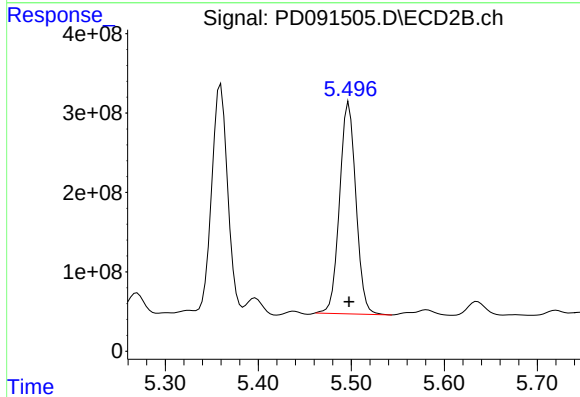
#13 Dieldrin

R.T.: 6.335 min
Delta R.T.: -0.001 min
Response: 356331456
Conc: 54.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MS

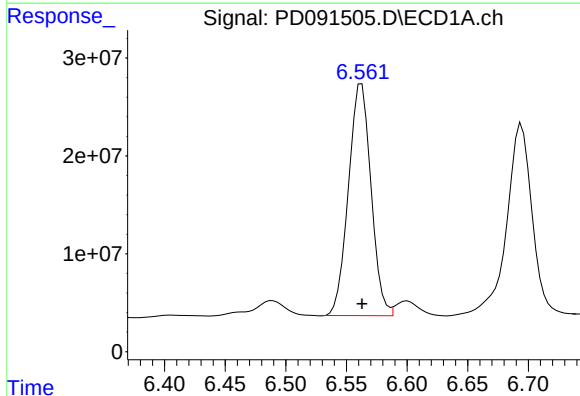
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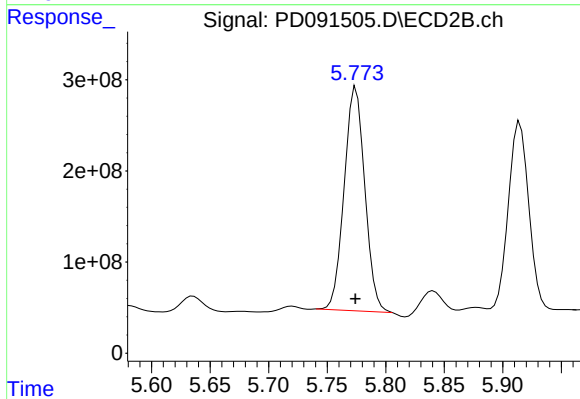
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 3254862664
Conc: 58.68 ng/ml



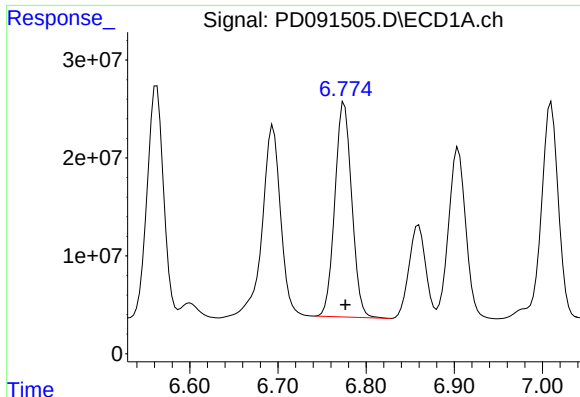
#14 Endrin

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 307011459
Conc: 54.74 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 3016455349
Conc: 57.70 ng/ml



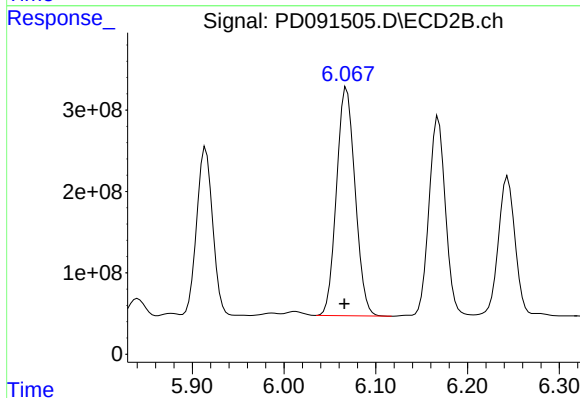
#15 Endosulfan II

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 291382908
Conc: 47.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MS

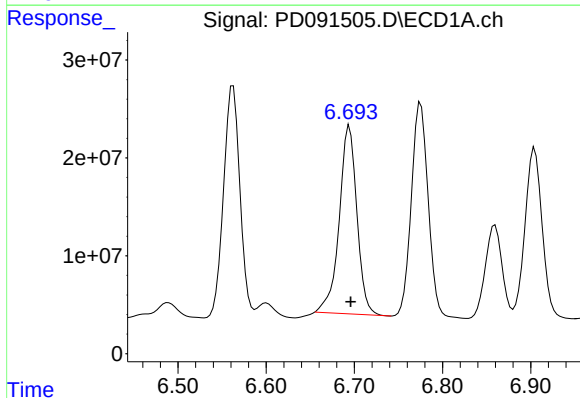
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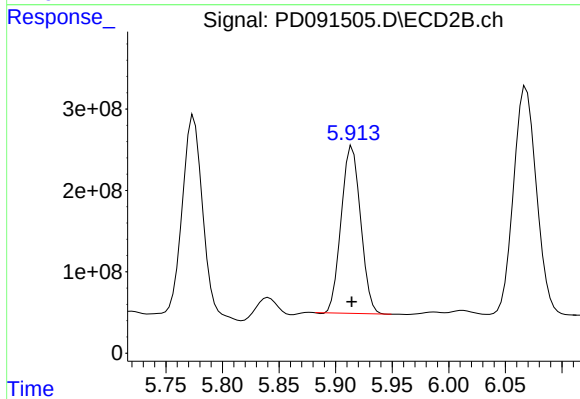
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 3954541568
Conc: 83.93 ng/ml



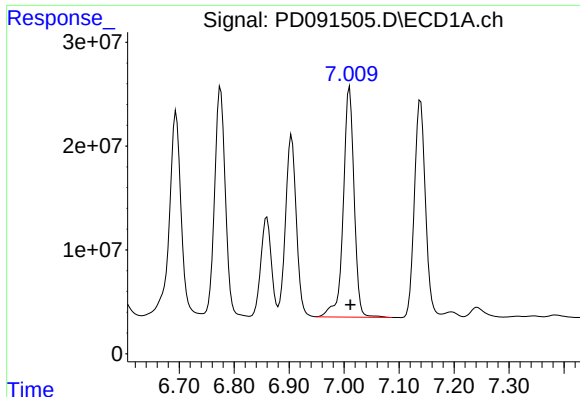
#16 4,4'-DDD

R.T.: 6.695 min
Delta R.T.: -0.001 min
Response: 267722474
Conc: 58.16 ng/ml



#16 4,4'-DDD

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 2459239168
Conc: 54.06 ng/ml



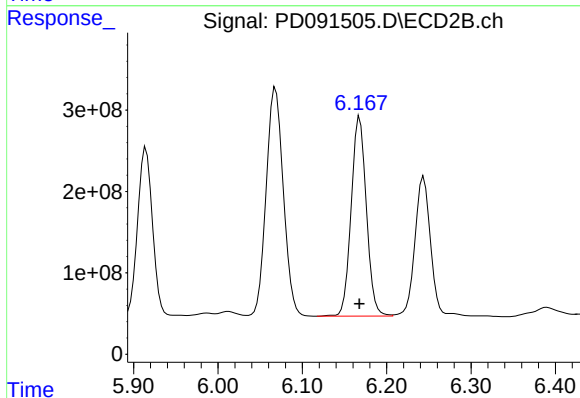
#17 4,4'-DDT

R.T.: 7.010 min
Delta R.T.: -0.002 min
Response: 304887055
Conc: 59.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MS

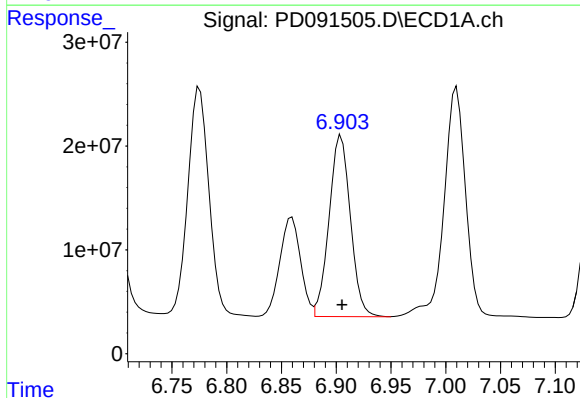
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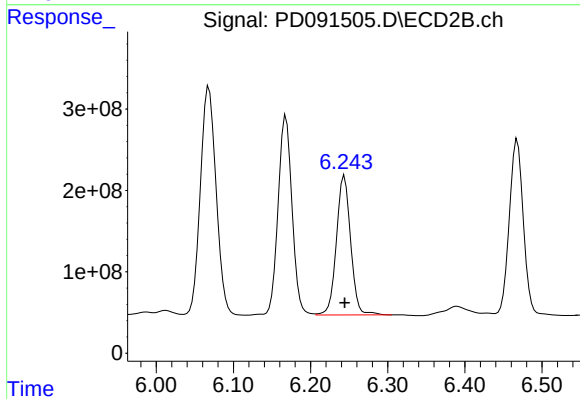
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 3068466562
Conc: 64.74 ng/ml



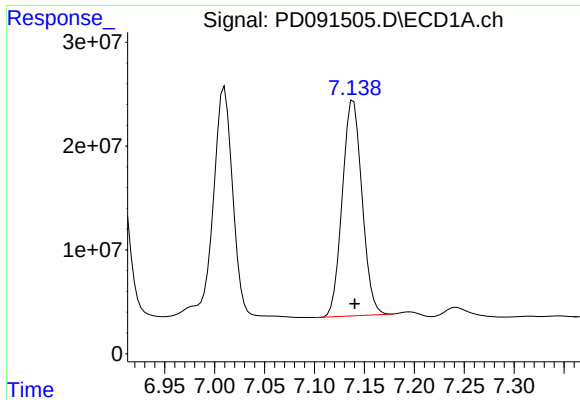
#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 236919945
Conc: 56.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 2196256962
Conc: 61.54 ng/ml



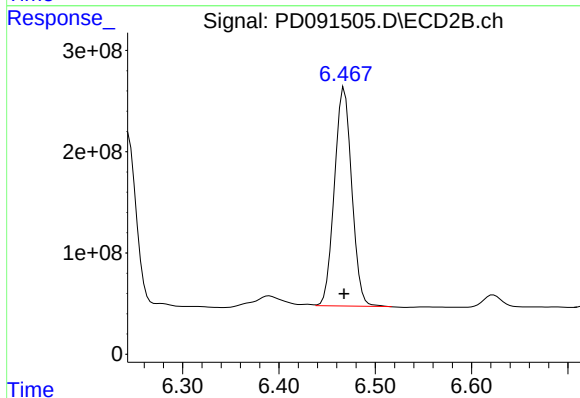
#19 Endosulfan Sulfate

R.T.: 7.139 min
Delta R.T.: -0.001 min
Response: 285657598
Conc: 54.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MS

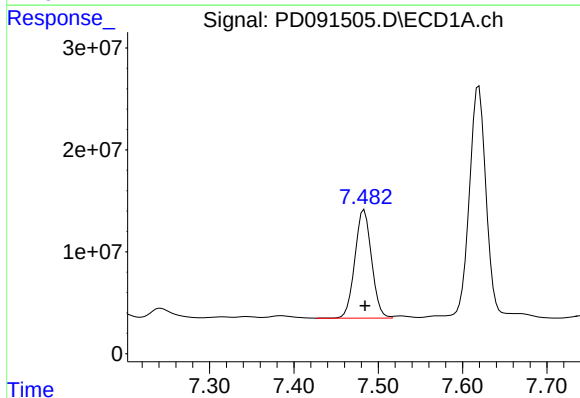
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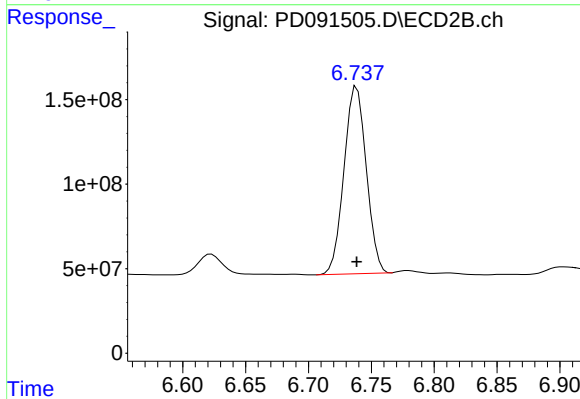
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 2704265882
Conc: 58.67 ng/ml



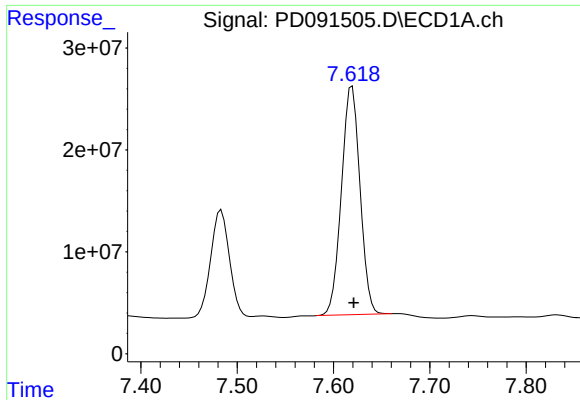
#20 Methoxychlor

R.T.: 7.483 min
Delta R.T.: -0.001 min
Response: 146287523
Conc: 54.42 ng/ml



#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 1368707377
Conc: 58.00 ng/ml



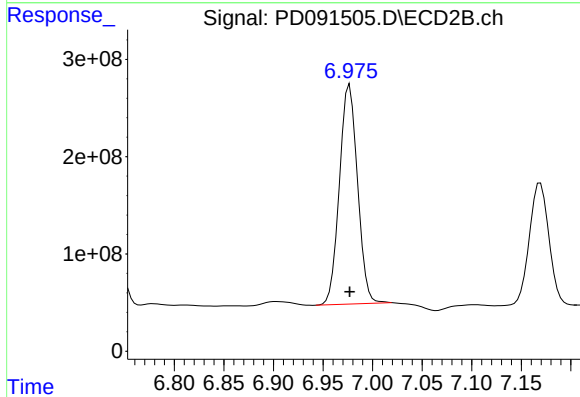
#21 Endrin ketone

R.T.: 7.618 min
Delta R.T.: -0.003 min
Response: 299610782
Conc: 53.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MS

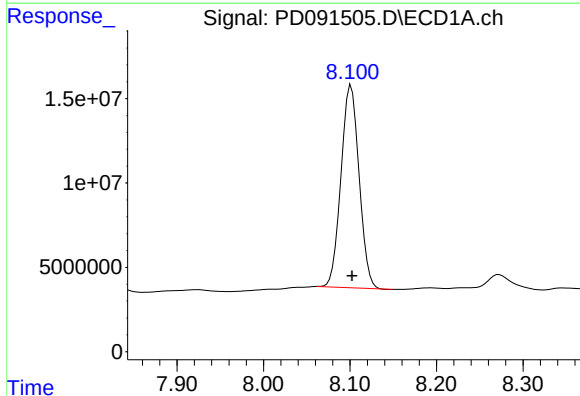
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/09/2025
Supervised By :Yogesh Patel 12/09/2025



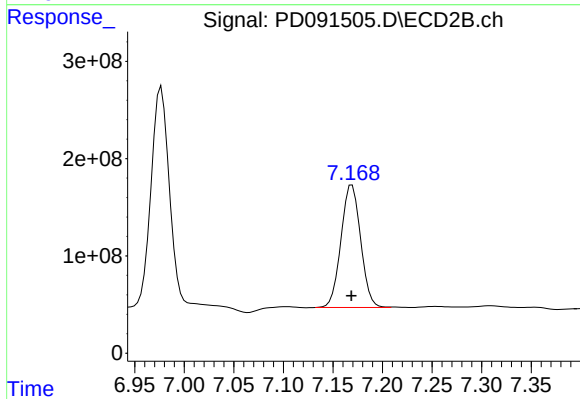
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 2873763805
Conc: 59.08 ng/ml



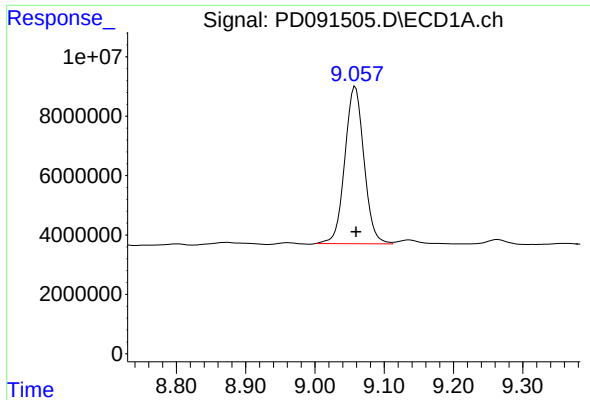
#22 Mirex

R.T.: 8.101 min
Delta R.T.: 0.000 min
Response: 173429938
Conc: 46.68 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 1739975771
Conc: 53.09 ng/ml



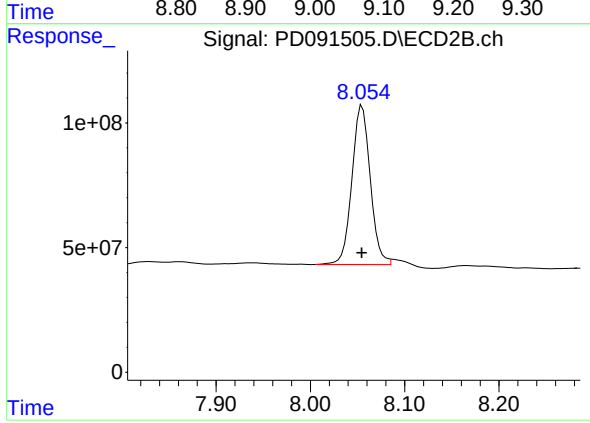
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 101513718
Conc: 19.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/09/2025
Supervised By :Yogesh Patel 12/09/2025



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: -0.001 min
Response: 864314145
Conc: 20.87 ng/ml m