

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
 Data File : PD091506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2025 02:30
 Operator : AR\AJ
 Sample : Q3795-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11966MSD

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 04:40:29 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	62604786	785.7E6	18.025m	19.940
28)	SA Decachlor...	9.058	8.053	100.4E6	828.1E6	19.310	19.997m
Target Compounds							
2)	A alpha-BHC	3.989	3.382	426.7E6	3725.8E6	52.997	54.651
3)	MA gamma-BHC...	4.318	3.718	417.2E6	3414.9E6	55.507m	60.732
4)	MA Heptachlor	4.916	4.069	403.0E6	3357.1E6	56.765m	57.600
5)	MB Aldrin	5.256	4.353	557.3E6	3349.5E6	80.094m	57.763m#
6)	B beta-BHC	4.507	4.014	151.9E6	1477.3E6	52.614	61.658
7)	B delta-BHC	4.756	4.250	401.8E6	3501.9E6	67.158	58.476
8)	B Heptachlo...	5.679	4.857	505.6E6	3555.3E6	81.645	70.268m
9)	A Endosulfan I	6.061	5.233	337.9E6	3037.9E6	55.305	62.012
10)	B gamma-Chl...	5.933	5.110	669.3E6	5863.6E6	104.954m	105.044m
11)	B alpha-Chl...	6.015	5.176	915.6E6	6803.0E6	136.334	127.038
12)	B 4,4'-DDE	6.185	5.360	368.9E6	3429.9E6	63.503	62.581
13)	MA Dieldrin	6.335	5.498	351.5E6	3231.2E6	54.019	58.258
14)	MA Endrin	6.562	5.775	304.1E6	2954.5E6	54.215	56.515
15)	B Endosulfa...	6.775	6.068	294.6E6	3906.9E6	48.455	82.924 #
16)	A 4,4'-DDD	6.693	5.913	283.3E6	2447.1E6	61.539m	53.797m
17)	MA 4,4'-DDT	7.010	6.168	300.2E6	3028.8E6	58.223	63.901
18)	B Endrin al...	6.904	6.244	234.3E6	2153.2E6	56.099	60.328
19)	B Endosulfa...	7.139	6.468	281.7E6	2663.6E6	53.362	57.787
20)	A Methoxychlor	7.483	6.738	144.6E6	1359.4E6	53.812	57.605
21)	B Endrin ke...	7.620	6.977	315.1E6	2842.3E6	55.924	58.433
22)	Mirex	8.101	7.169	171.0E6	1716.9E6	46.014	52.385

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
Data File : PD091506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Dec 2025 02:30
Operator : AR\AJ
Sample : Q3795-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

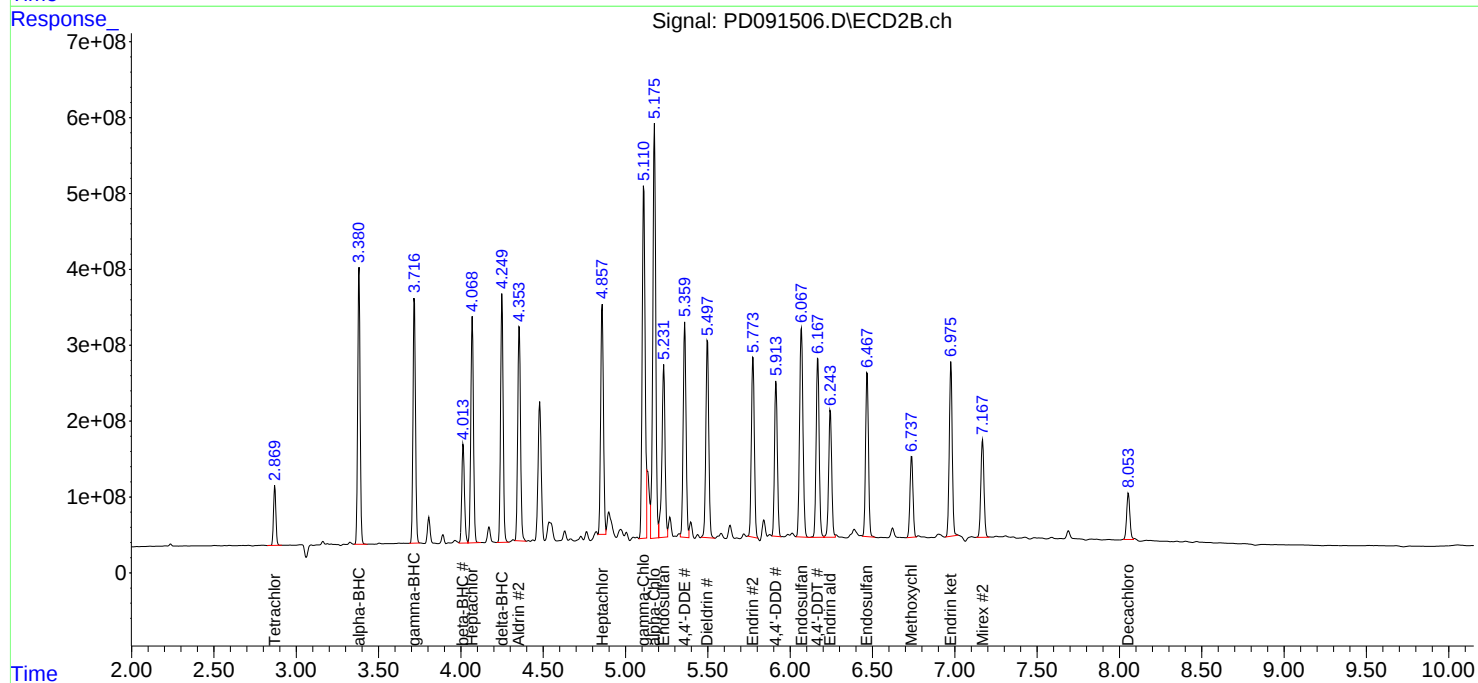
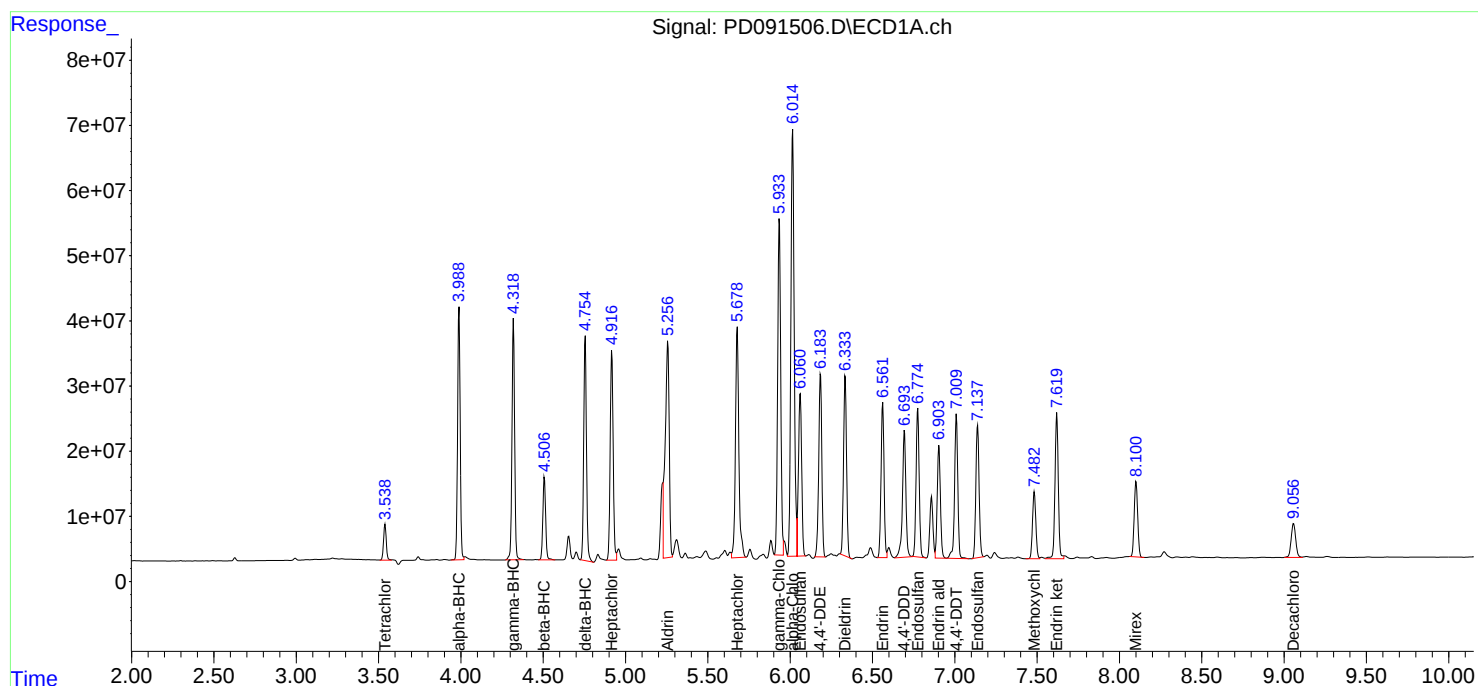
Instrument :
ECD_D
ClientSampleId :
72-11966MSD

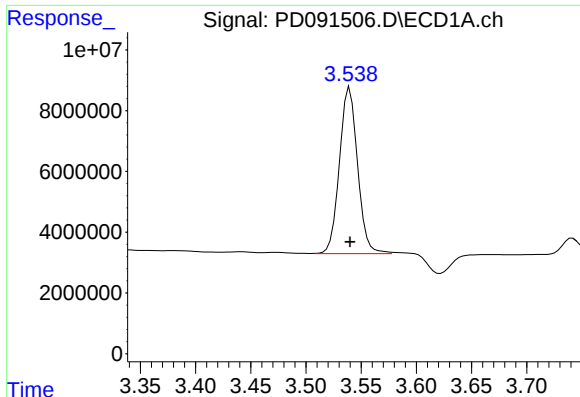
Manual Integrations
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Supervised By : Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 04:40:29 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





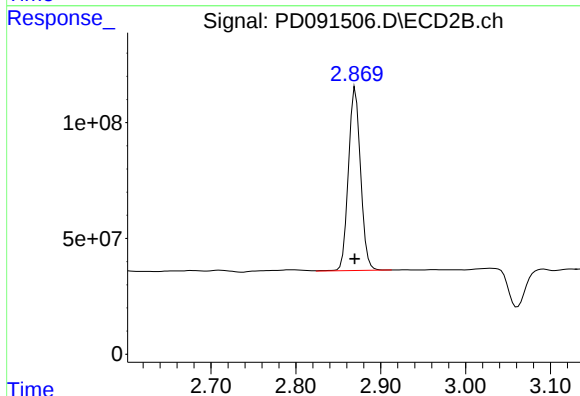
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.002 min
Response: 62604786
Conc: 18.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

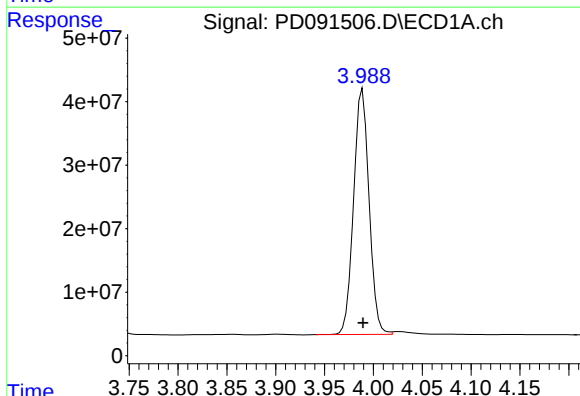
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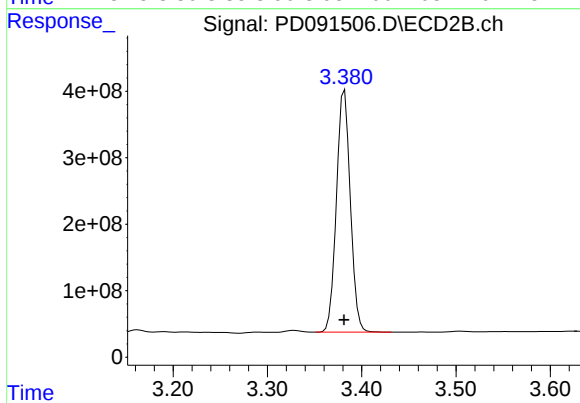
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 785718231
Conc: 19.94 ng/ml



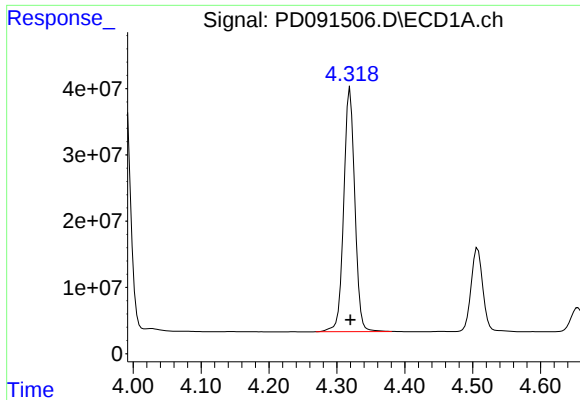
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 426670984
Conc: 53.00 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 3725762374
Conc: 54.65 ng/ml



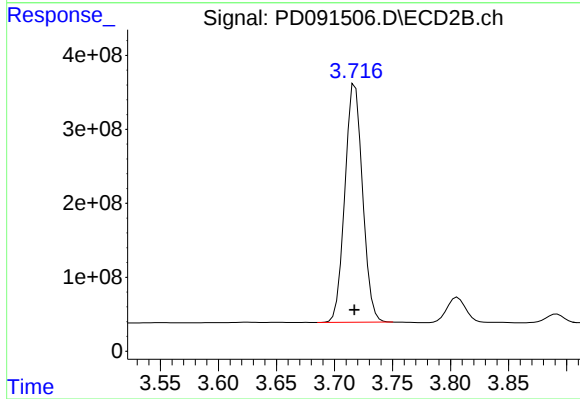
#3 gamma-BHC (Lindane)

R.T.: 4.318 min
Delta R.T.: -0.002 min
Response: 417177897
Conc: 55.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

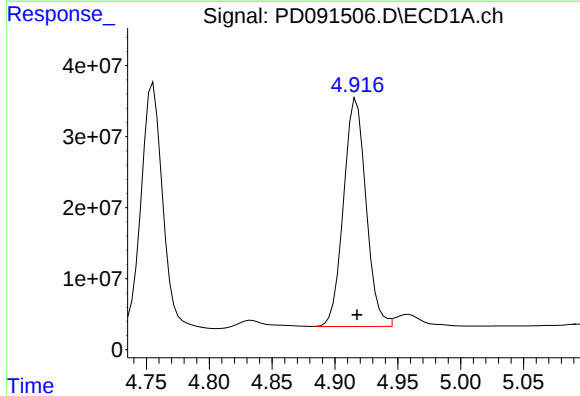
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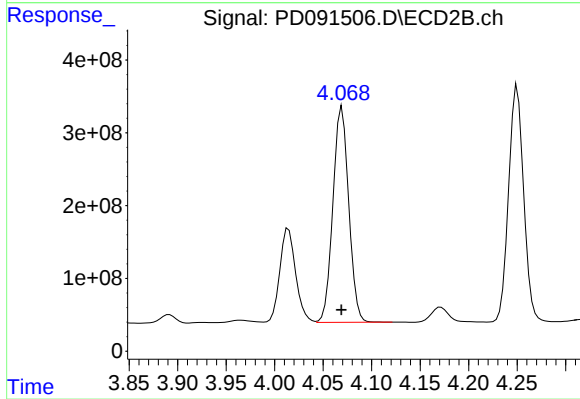
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 3414891079
Conc: 60.73 ng/ml



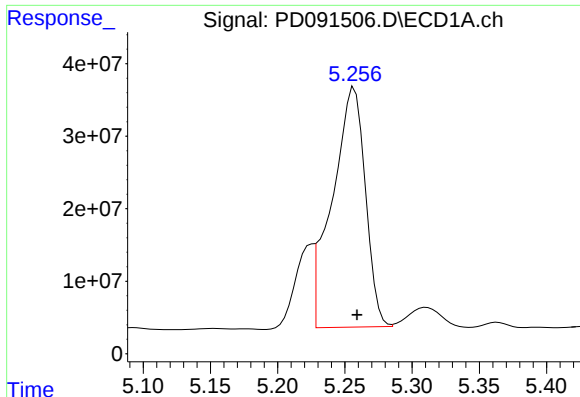
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.002 min
Response: 402969634
Conc: 56.77 ng/ml m



#4 Heptachlor

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 3357138302
Conc: 57.60 ng/ml



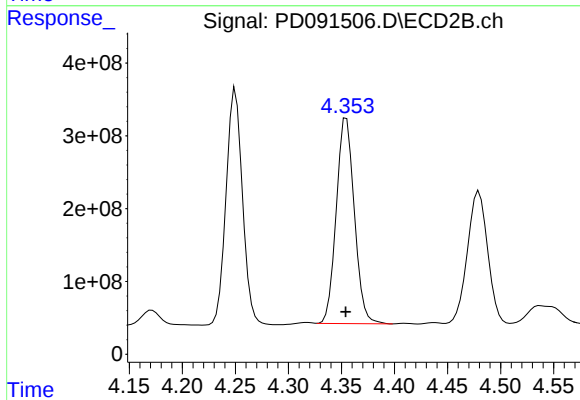
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: -0.003 min
Response: 557278656
Conc: 80.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

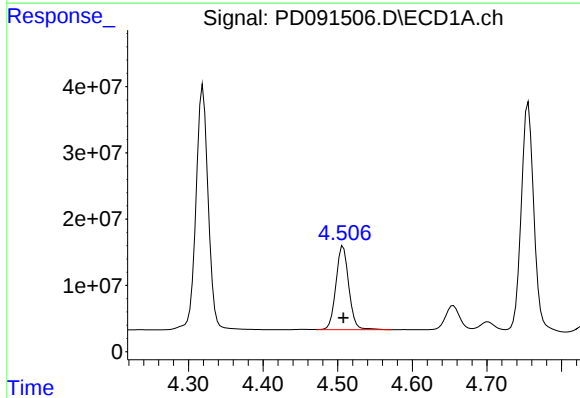
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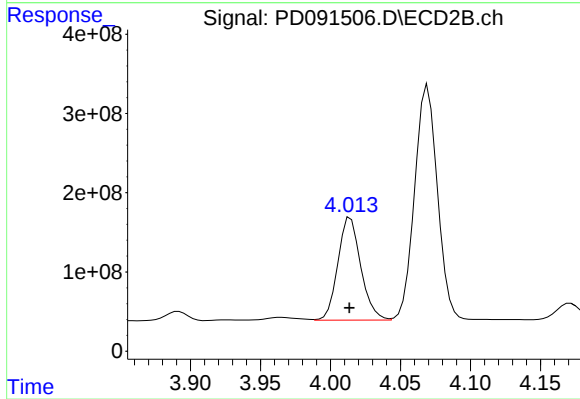
#5 Aldrin

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 3349481082
Conc: 57.76 ng/ml m



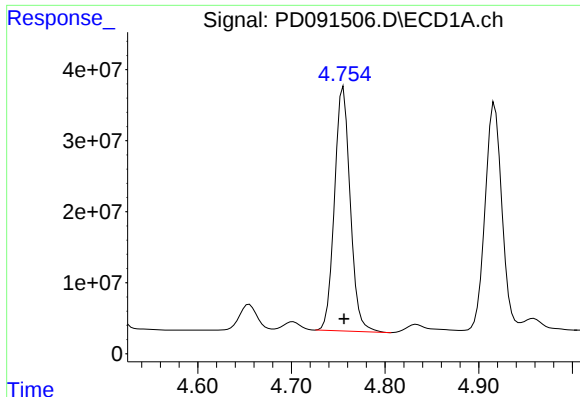
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 151899656
Conc: 52.61 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1477270875
Conc: 61.66 ng/ml



#7 delta-BHC

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 401757679
Conc: 67.16 ng/ml

Instrument :

ECD_D

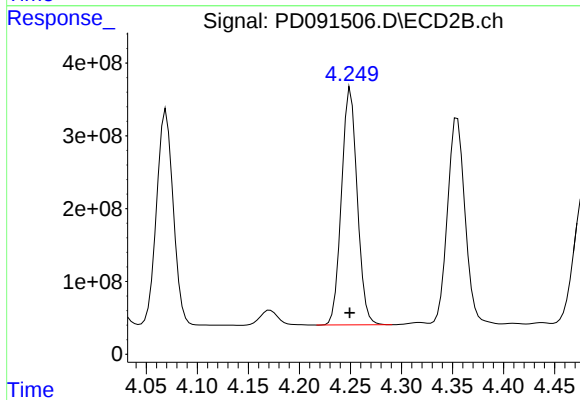
ClientSampleId :

72-11966MSD

Manual Integrations

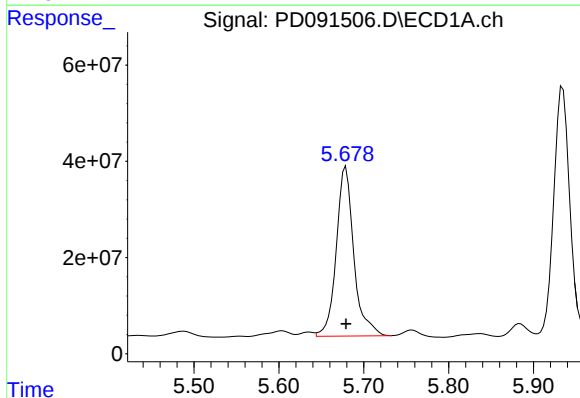
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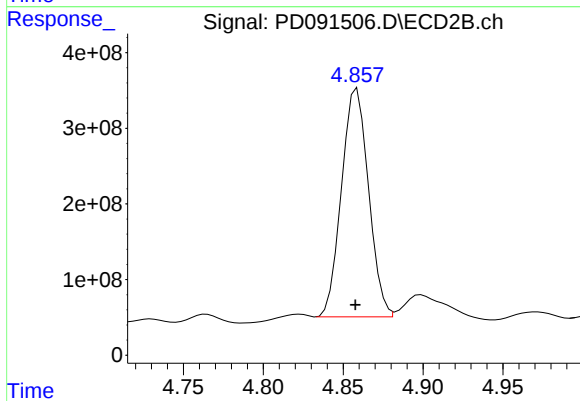
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 3501940497
Conc: 58.48 ng/ml



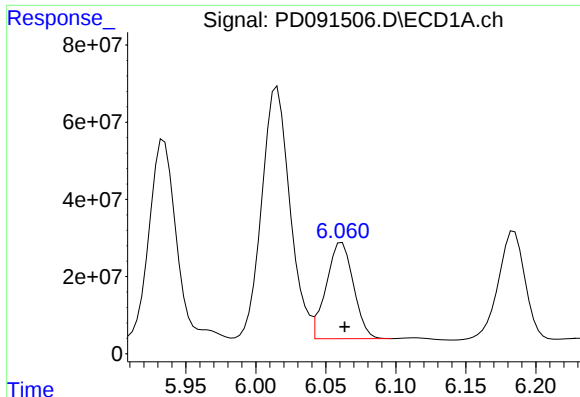
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 505574751
Conc: 81.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 3555331471
Conc: 70.27 ng/ml m



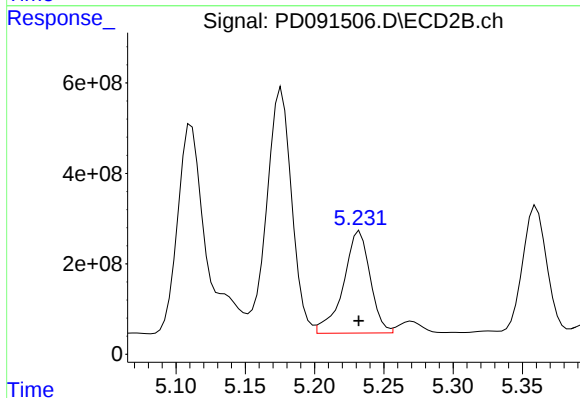
#9 Endosulfan I

R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 337903588
Conc: 55.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

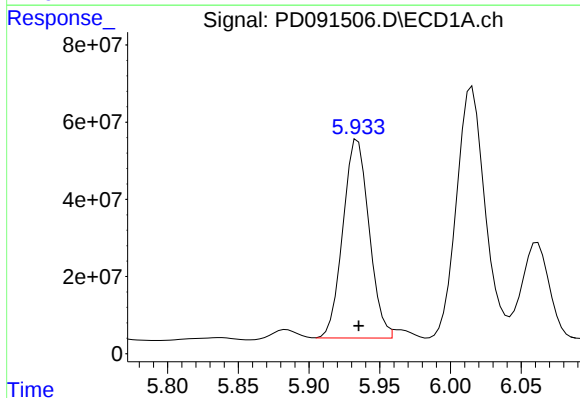
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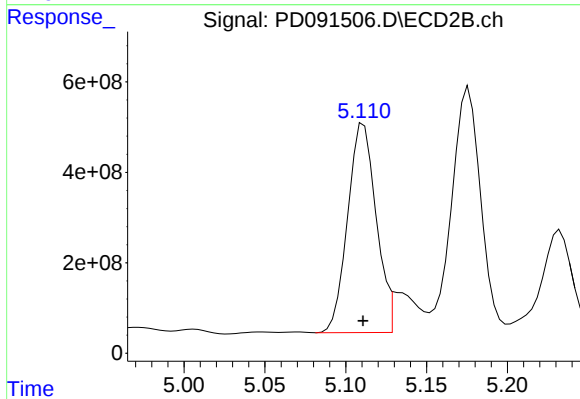
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 3037891274
Conc: 62.01 ng/ml



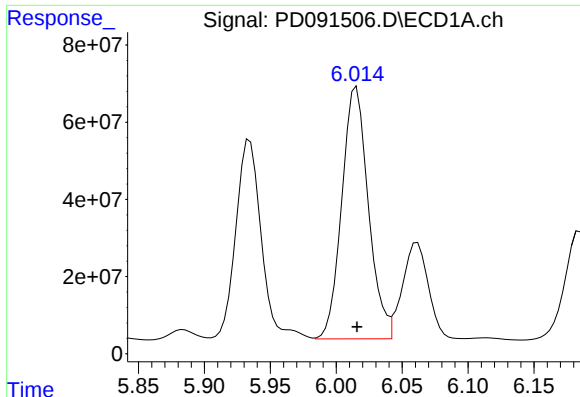
#10 gamma-Chlordane

R.T.: 5.933 min
Delta R.T.: -0.002 min
Response: 669292175
Conc: 104.95 ng/ml m



#10 gamma-Chlordane

R.T.: 5.110 min
Delta R.T.: -0.001 min
Response: 5863635395
Conc: 105.04 ng/ml m



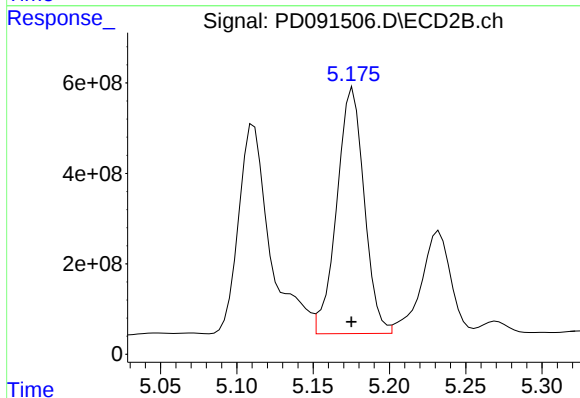
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 915649504
Conc: 136.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

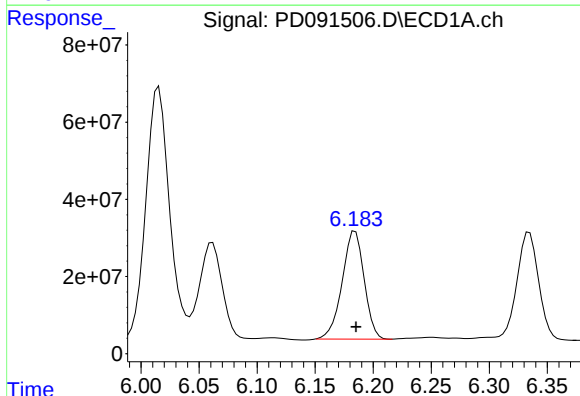
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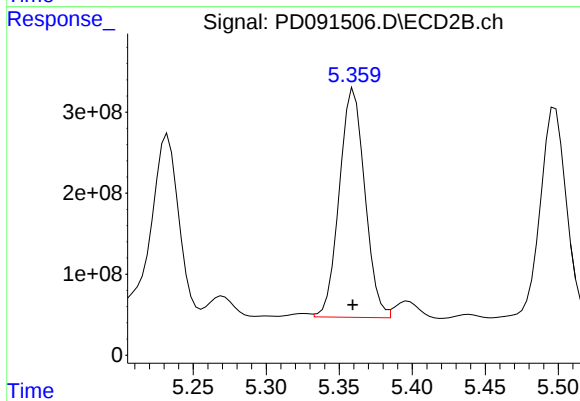
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.001 min
Response: 6803024824
Conc: 127.04 ng/ml



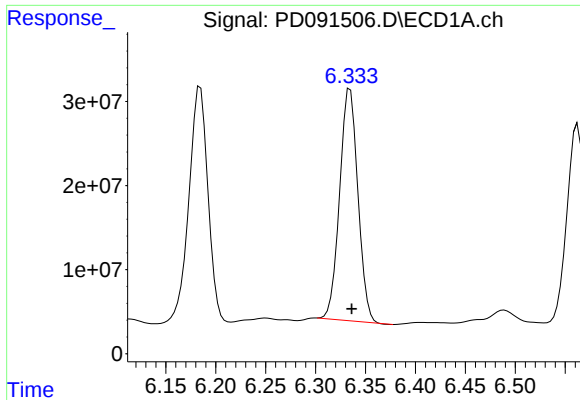
#12 4,4'-DDE

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 368916425
Conc: 63.50 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 3429925211
Conc: 62.58 ng/ml



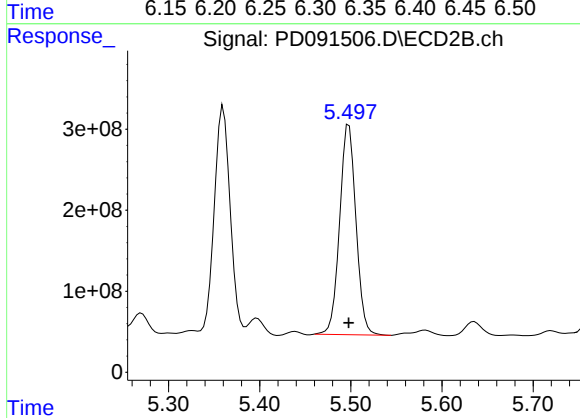
#13 Dieldrin

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 351487054
Conc: 54.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

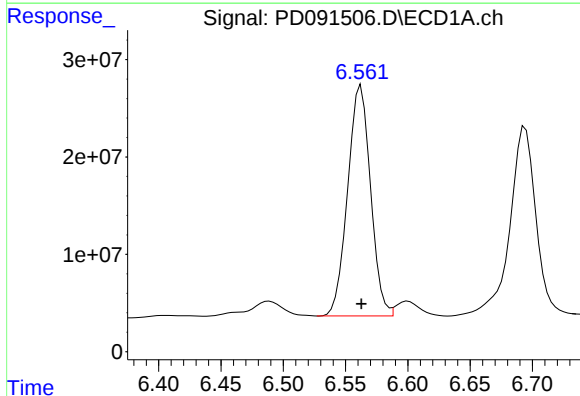
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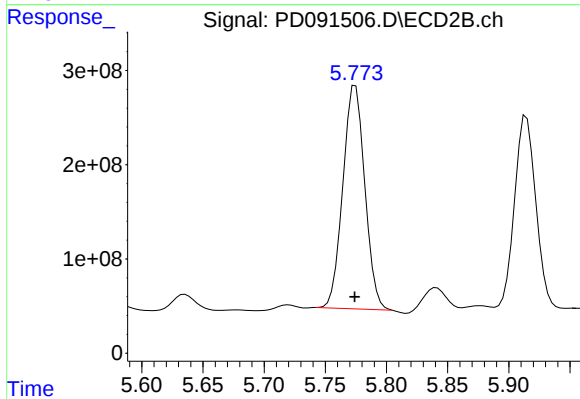
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 3231218450
Conc: 58.26 ng/ml



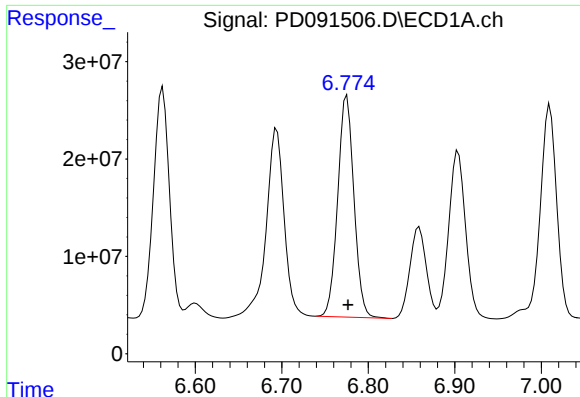
#14 Endrin

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 304050819
Conc: 54.22 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 2954502633
Conc: 56.52 ng/ml



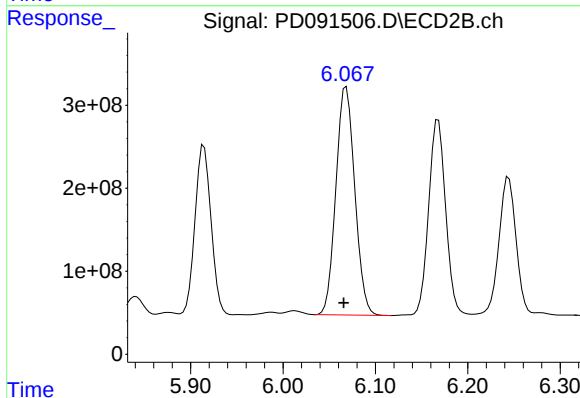
#15 Endosulfan II

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 294641389
Conc: 48.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

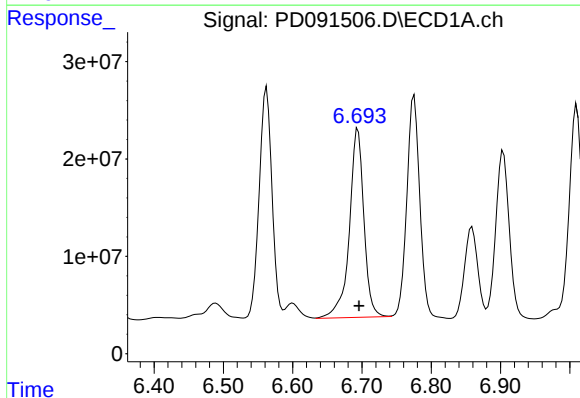
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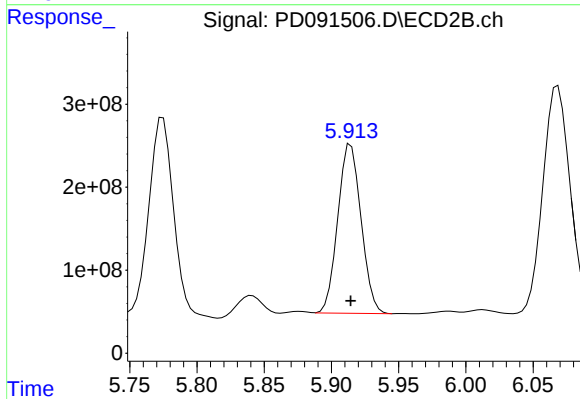
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 3906905652
Conc: 82.92 ng/ml



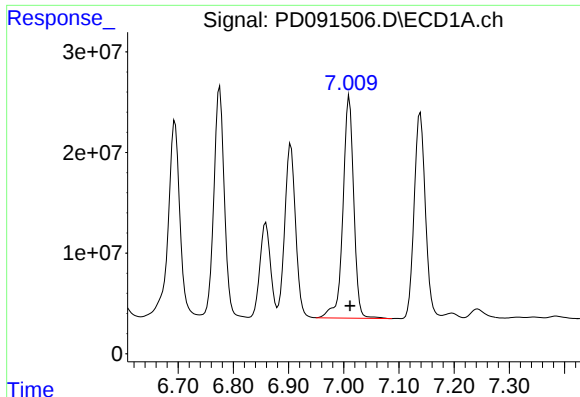
#16 4,4'-DDD

R.T.: 6.693 min
Delta R.T.: -0.003 min
Response: 283251170
Conc: 61.54 ng/ml m



#16 4,4'-DDD

R.T.: 5.913 min
Delta R.T.: -0.001 min
Response: 2447102649
Conc: 53.80 ng/ml m



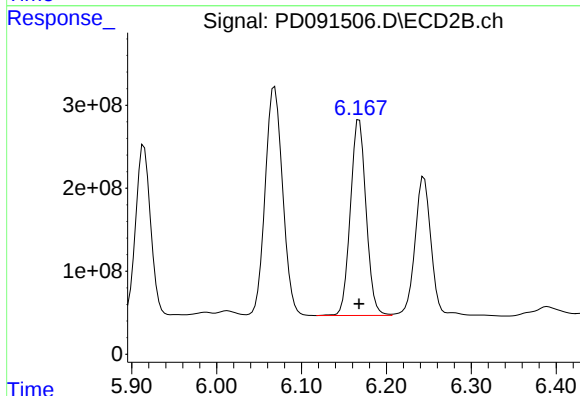
#17 4,4'-DDT

R.T.: 7.010 min
Delta R.T.: -0.002 min
Response: 300225200
Conc: 58.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

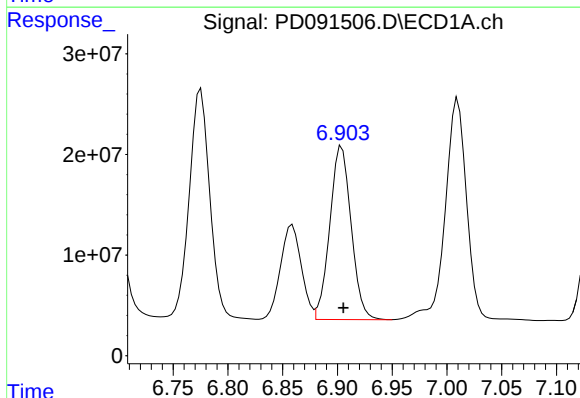
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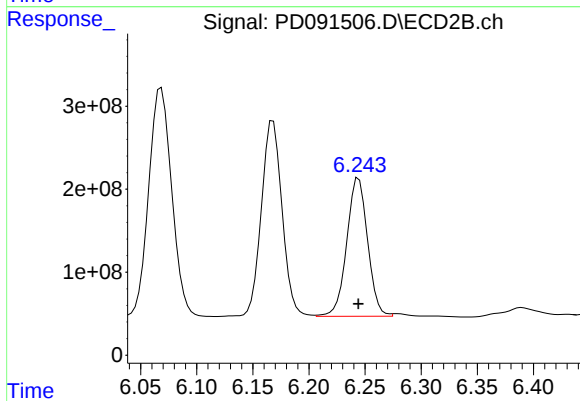
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 3028805636
Conc: 63.90 ng/ml



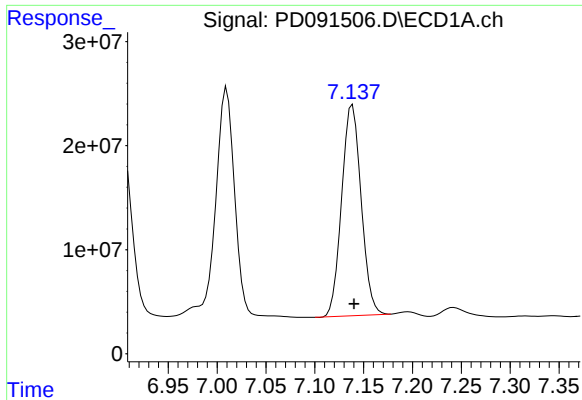
#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: -0.001 min
Response: 234348067
Conc: 56.10 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 2153159928
Conc: 60.33 ng/ml



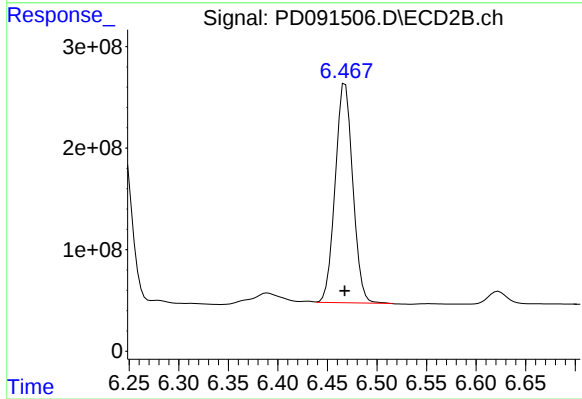
#19 Endosulfan Sulfate

R.T.: 7.139 min
Delta R.T.: -0.002 min
Response: 281710114
Conc: 53.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

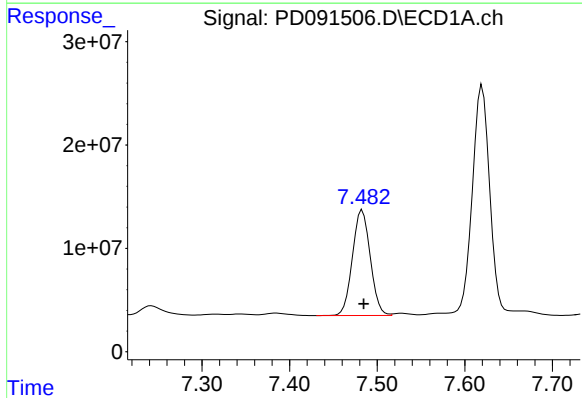
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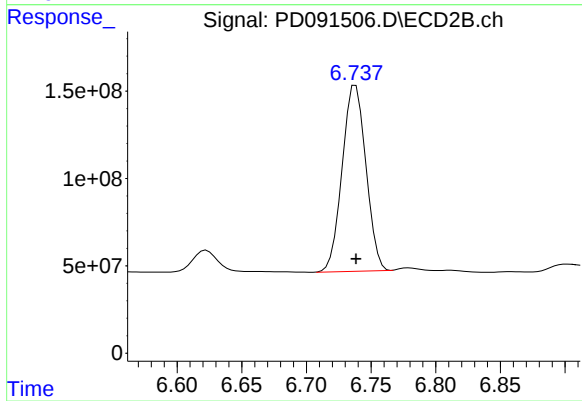
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 2663610751
Conc: 57.79 ng/ml



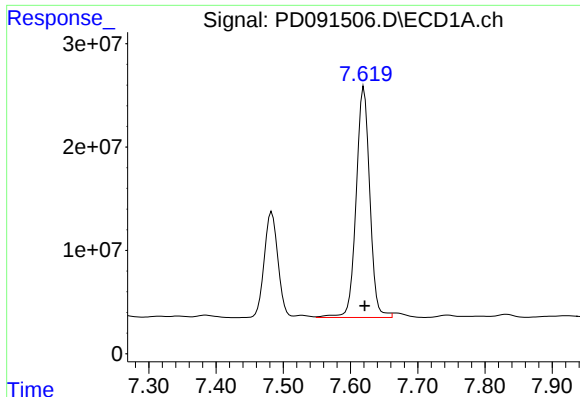
#20 Methoxychlor

R.T.: 7.483 min
Delta R.T.: -0.001 min
Response: 144646566
Conc: 53.81 ng/ml



#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 1359360510
Conc: 57.60 ng/ml



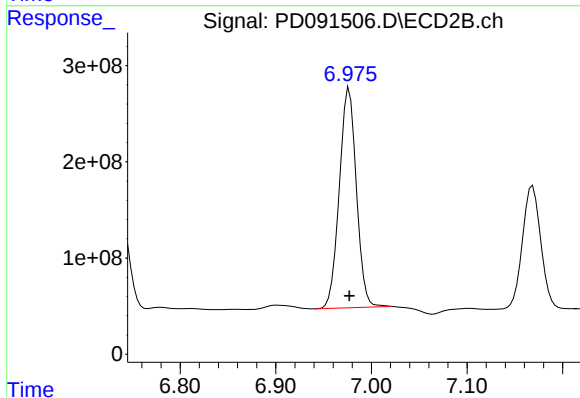
#21 Endrin ketone

R.T.: 7.620 min
Delta R.T.: -0.001 min
Response: 315070911
Conc: 55.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

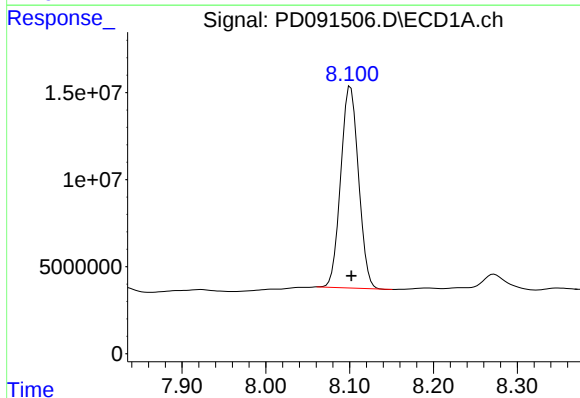
Manual Integrations
APPROVED

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



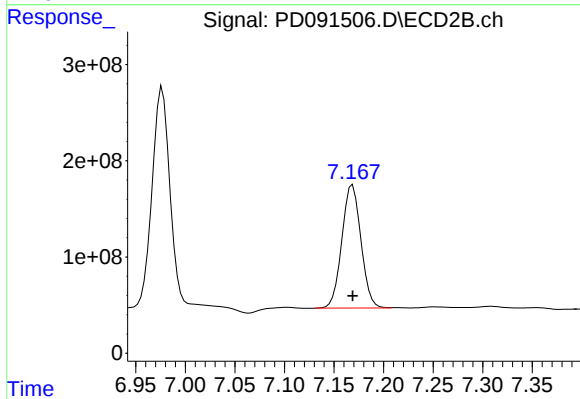
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 2842329627
Conc: 58.43 ng/ml



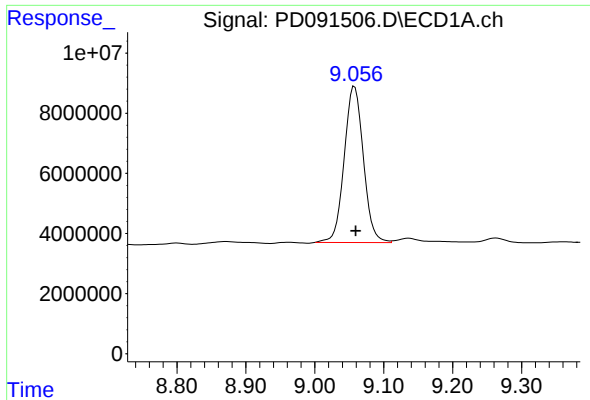
#22 Mirex

R.T.: 8.101 min
Delta R.T.: -0.001 min
Response: 170962983
Conc: 46.01 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 1716923538
Conc: 52.38 ng/ml



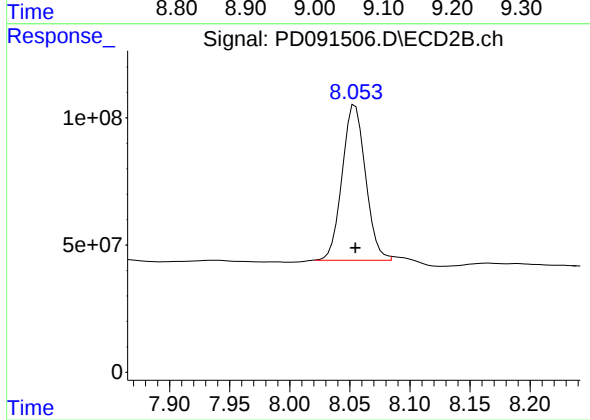
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 100375974
Conc: 19.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.053 min
Delta R.T.: -0.002 min
Response: 828088515
Conc: 20.00 ng/ml m