

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121025\
 Data File : PD091535.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2025 15:16
 Operator : AR\AJ
 Sample : PB170884BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170884BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/11/2025
 Supervised By : Yogesh Patel 12/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 01:54:11 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...	3.540	2.871	67006784	879.8E6	19.292	22.327
2)	SA Decachlor...	9.065	8.058	107.4E6	1105.5E6	20.670	26.697 #
Target Compounds							
2)	A alpha-BHC	3.990	3.383	383.5E6	3712.3E6	47.634	54.454
3)	MA gamma-BHC...	4.321	3.719	362.3E6	3439.0E6	48.210	61.160 #
4)	MA Heptachlor	4.919	4.071	357.8E6	3400.3E6	50.407	58.340
5)	MB Aldrin	5.261	4.356	353.3E6	3414.8E6	50.770	58.890
6)	B beta-BHC	4.509	4.015	136.6E6	1419.4E6	47.319	59.242 #
7)	B delta-BHC	4.757	4.252	358.0E6	3442.3E6	59.838	57.480
8)	B Heptachlo...	5.681	4.859	320.5E6	3064.6E6	51.754	60.569m
9)	A Endosulfan I	6.065	5.235	302.2E6	2903.9E6	49.456	59.277
10)	B gamma-Chl...	5.937	5.111	317.9E6	3368.0E6	49.847	60.335m
11)	B alpha-Chl...	6.017	5.176	321.7E6	3191.2E6	47.904	59.592m
12)	B 4,4'-DDE	6.188	5.362	288.2E6	3334.7E6	49.611	60.844
13)	MA Dieldrin	6.338	5.500	324.4E6	3366.9E6	49.854	60.704
14)	MA Endrin	6.566	5.777	273.4E6	3069.5E6	48.743	58.715
15)	B Endosulfa...	6.779	6.069	269.7E6	2862.5E6	44.355	60.756 #
16)	A 4,4'-DDD	6.699	5.917	234.6E6	2812.7E6	50.960	61.834
17)	MA 4,4'-DDT	7.014	6.171	247.0E6	2918.9E6	47.897	61.583 #
18)	B Endrin al...	6.908	6.247	206.1E6	2111.4E6	49.344	59.157
19)	B Endosulfa...	7.143	6.470	256.1E6	2715.6E6	48.502	58.915
20)	A Methoxychlor	7.488	6.741	126.7E6	1316.7E6	47.146	55.795
21)	B Endrin ke...	7.624	6.980	278.4E6	2828.4E6	49.409	58.146
22)	Mirex	8.106	7.172	173.4E6	1802.5E6	46.678	54.996

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121025\
Data File : PD091535.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2025 15:16
Operator : AR\AJ
Sample : PB170884BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

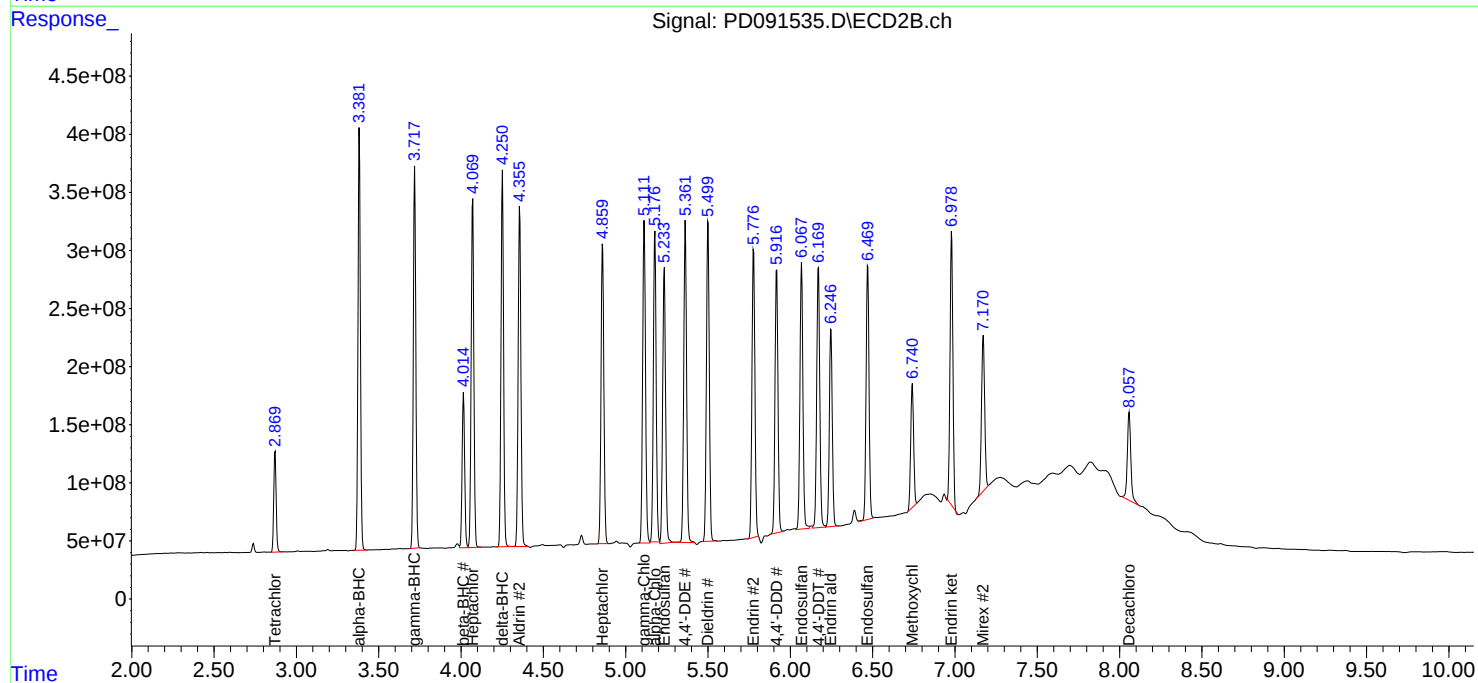
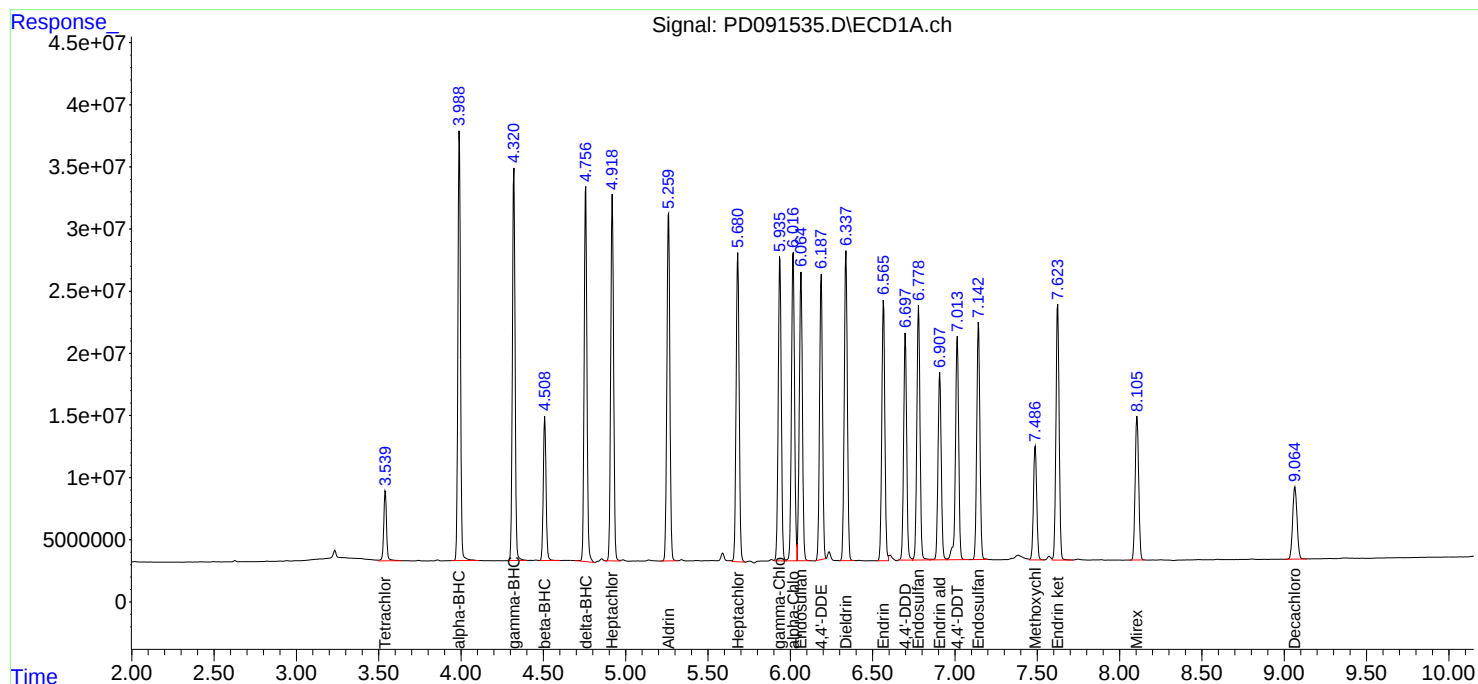
Instrument :
ECD_D
ClientSampleId :
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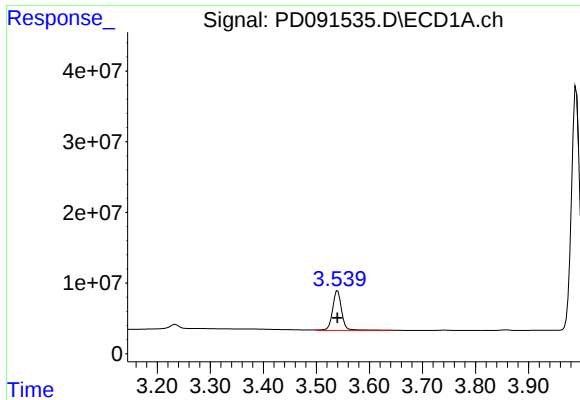
Manual Integrations
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Supervised By :Yogesh Patel 12/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 01:54:11 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





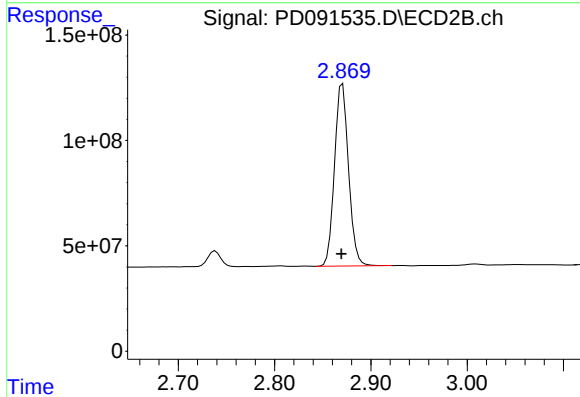
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 67006784
Conc: 19.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

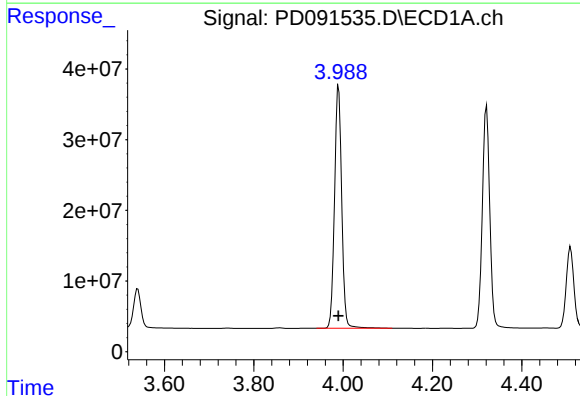
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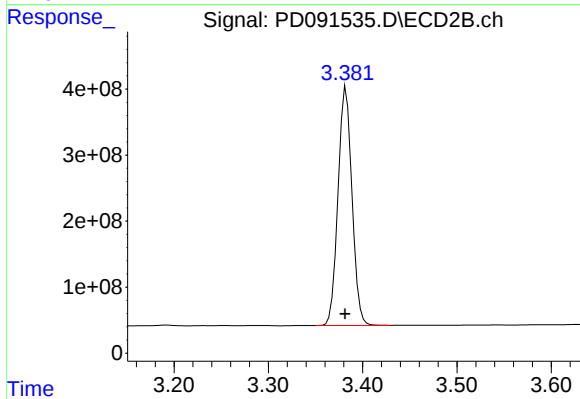
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: 0.001 min
Response: 879764185
Conc: 22.33 ng/ml



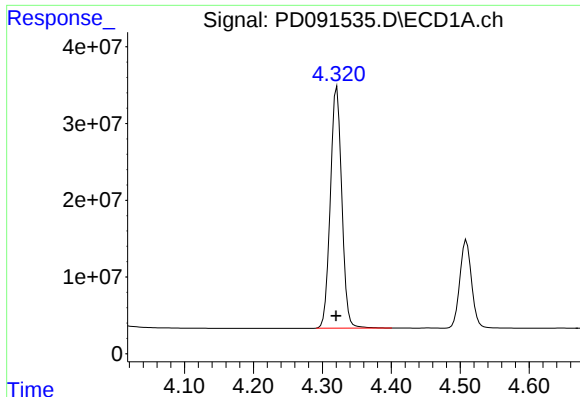
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 383498441
Conc: 47.63 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: 0.001 min
Response: 3712329032
Conc: 54.45 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: 0.001 min
Response: 362330757
Conc: 48.21 ng/ml

Instrument :

ECD_D

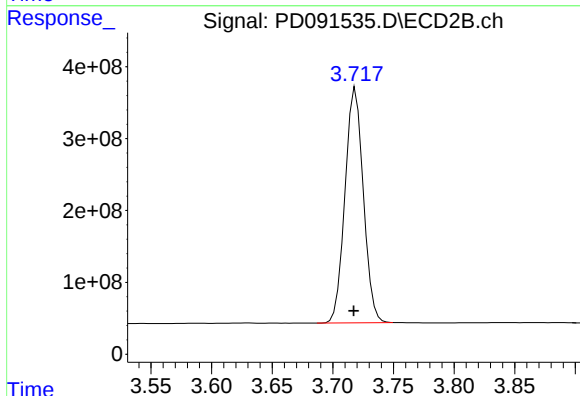
ClientSampleId :

PB170884BS

Manual Integrations

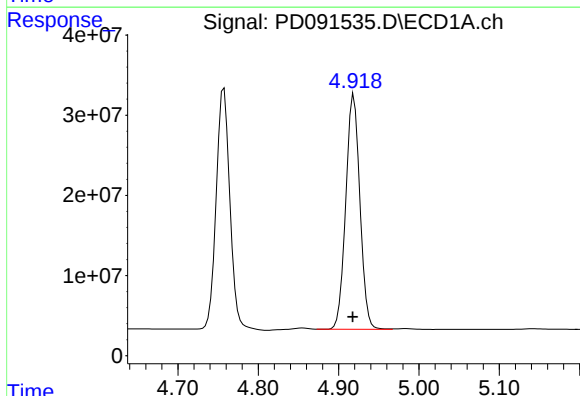
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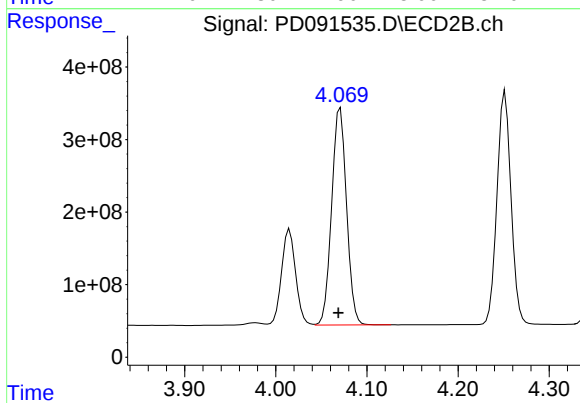
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: 0.002 min
Response: 3438977403
Conc: 61.16 ng/ml



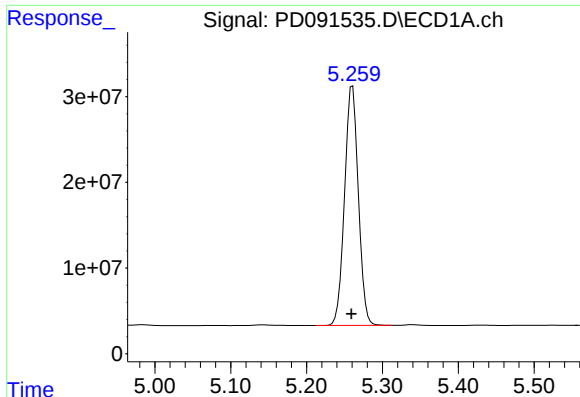
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.001 min
Response: 357831884
Conc: 50.41 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: 0.002 min
Response: 3400264677
Conc: 58.34 ng/ml



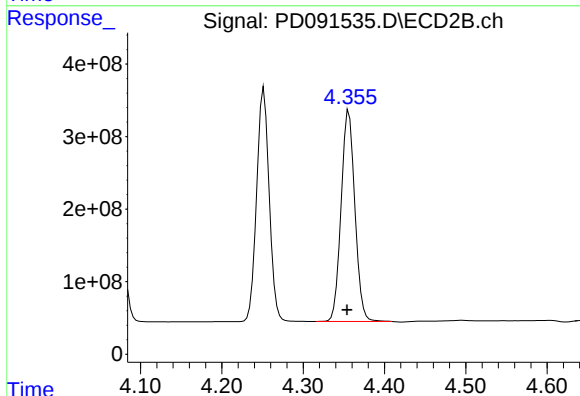
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.002 min
Response: 353250485
Conc: 50.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

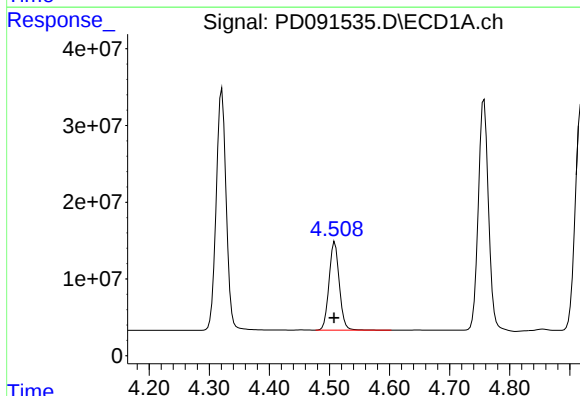
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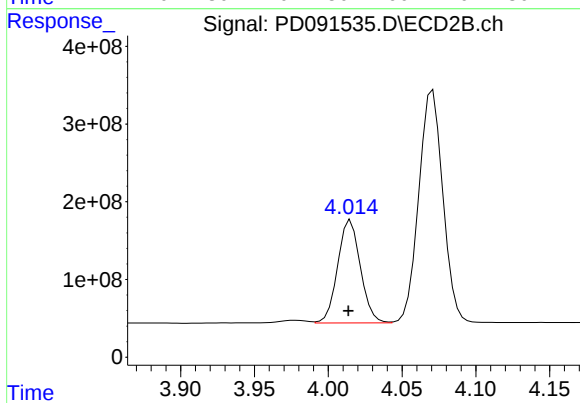
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: 0.002 min
Response: 3414810209
Conc: 58.89 ng/ml



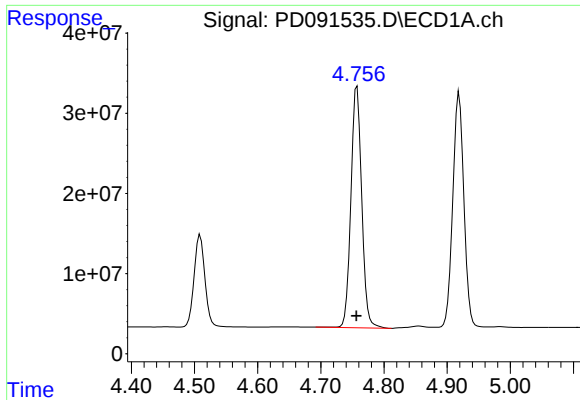
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: 0.001 min
Response: 136612604
Conc: 47.32 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: 0.002 min
Response: 1419373205
Conc: 59.24 ng/ml



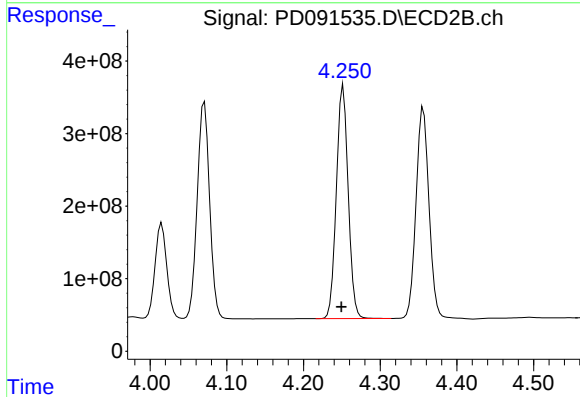
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: 0.001 min
Response: 357966088
Conc: 59.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

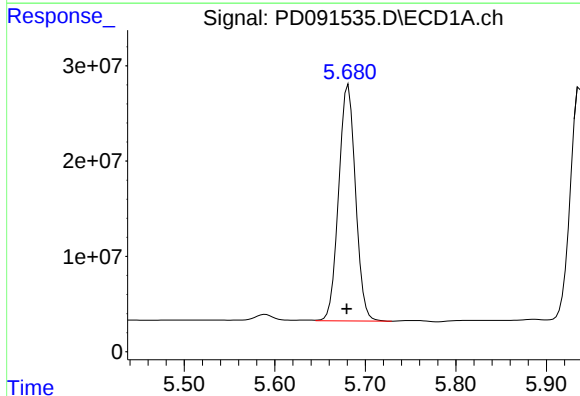
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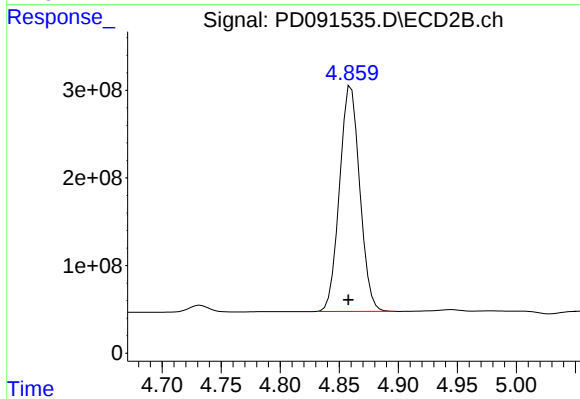
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: 0.002 min
Response: 3442316392
Conc: 57.48 ng/ml



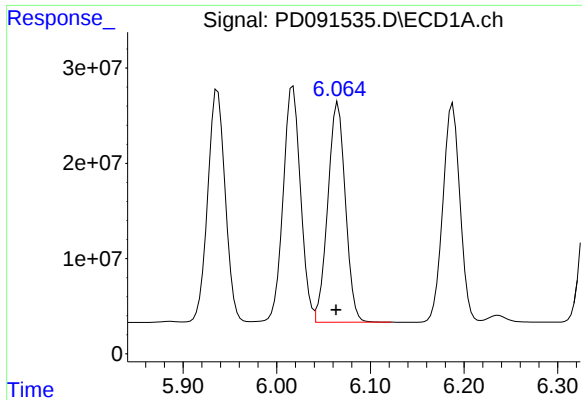
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 320477023
Conc: 51.75 ng/ml



#8 Heptachlor epoxide

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 3064596128
Conc: 60.57 ng/ml m



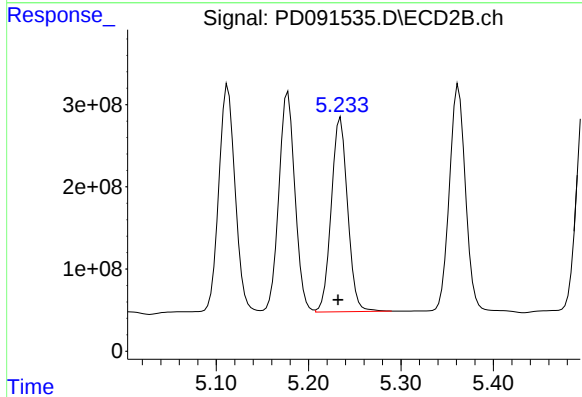
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: 0.002 min
Response: 302166008
Conc: 49.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

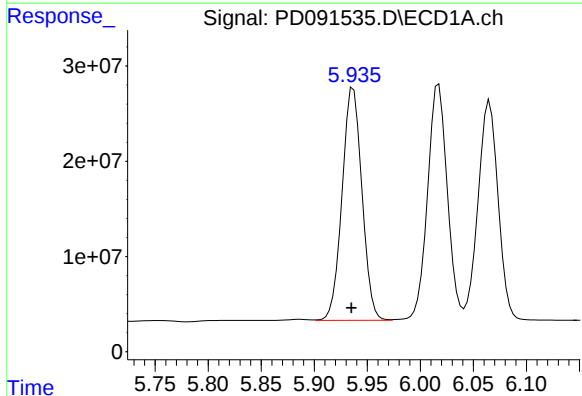
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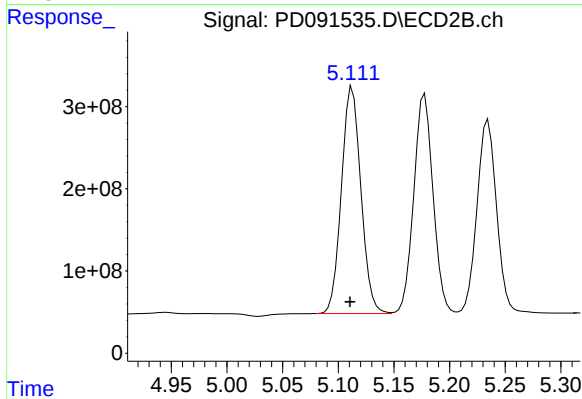
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: 0.003 min
Response: 2903912015
Conc: 59.28 ng/ml



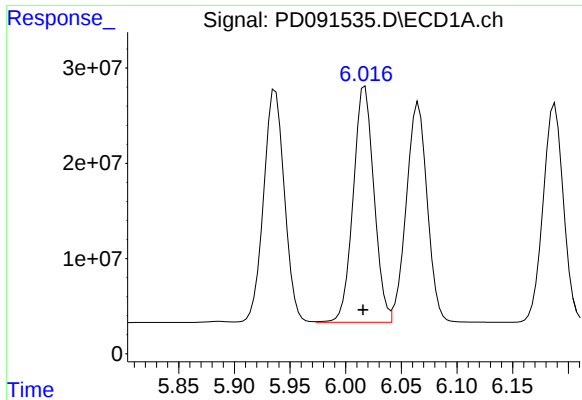
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 317876117
Conc: 49.85 ng/ml



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 3367953424
Conc: 60.33 ng/ml m



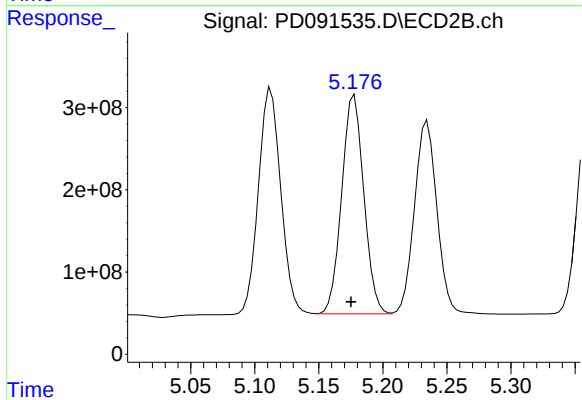
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.002 min
Response: 321735357
Conc: 47.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

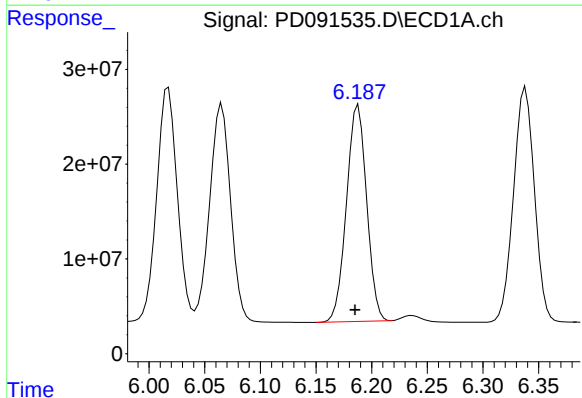
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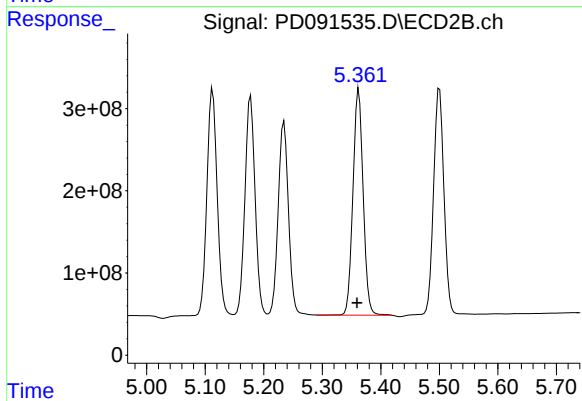
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.001 min
Response: 3191209945
Conc: 59.59 ng/ml m



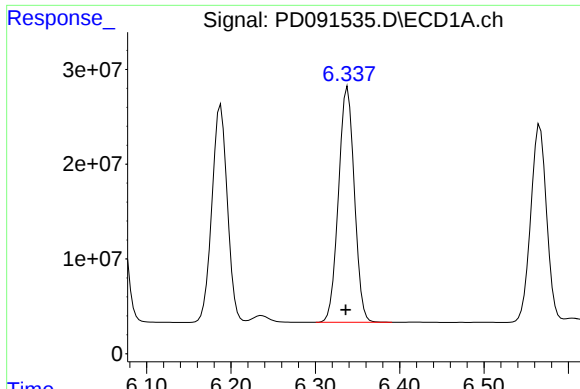
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: 0.003 min
Response: 288208930
Conc: 49.61 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: 0.003 min
Response: 3334717255
Conc: 60.84 ng/ml



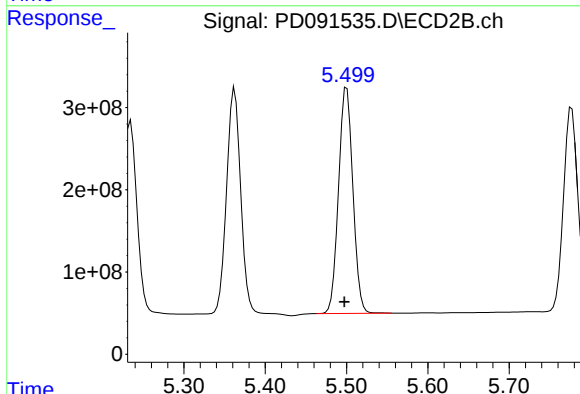
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: 0.002 min
Response: 324390696
Conc: 49.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

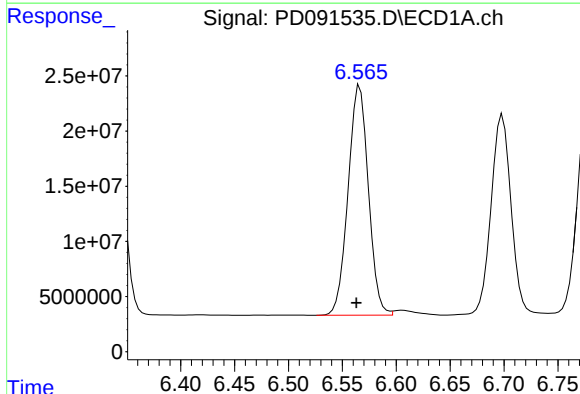
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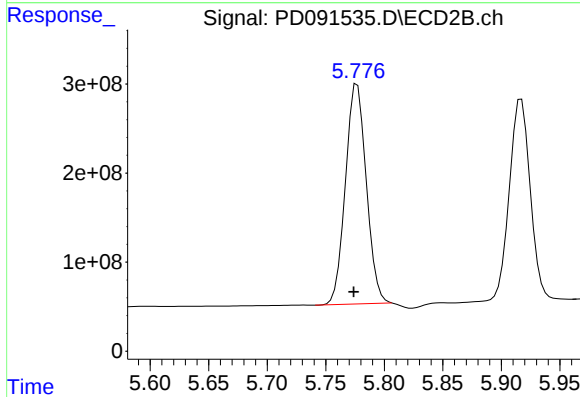
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: 0.003 min
Response: 3366904901
Conc: 60.70 ng/ml



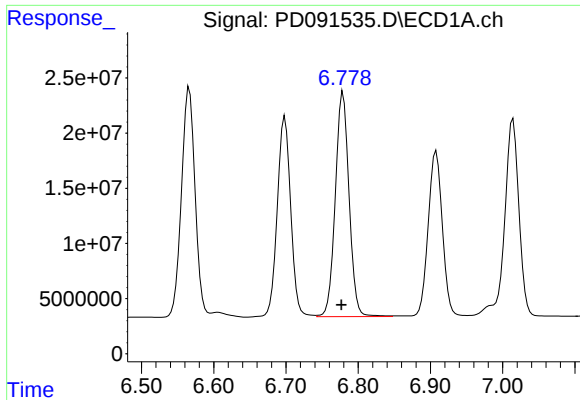
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.003 min
Response: 273360093
Conc: 48.74 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 3069487719
Conc: 58.71 ng/ml



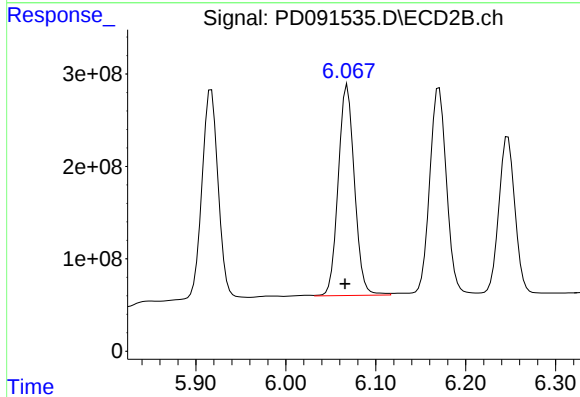
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: 0.003 min
Response: 269710141
Conc: 44.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

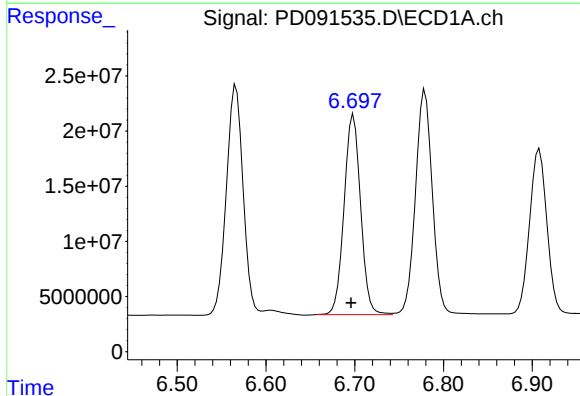
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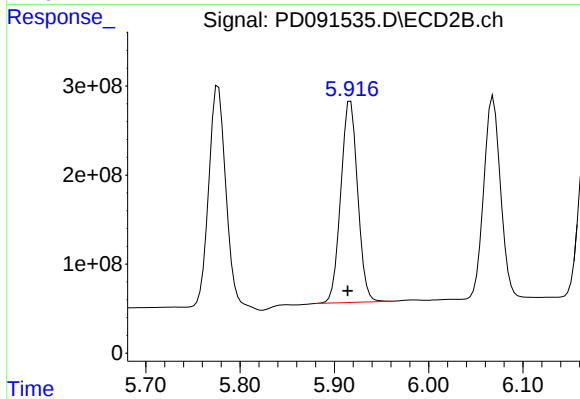
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.003 min
Response: 2862508723
Conc: 60.76 ng/ml



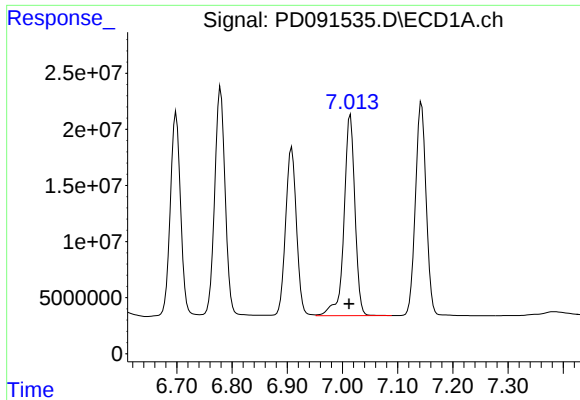
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.003 min
Response: 234561002
Conc: 50.96 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: 0.003 min
Response: 2812661830
Conc: 61.83 ng/ml



#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: 0.003 min
Response: 246977033
Conc: 47.90 ng/ml

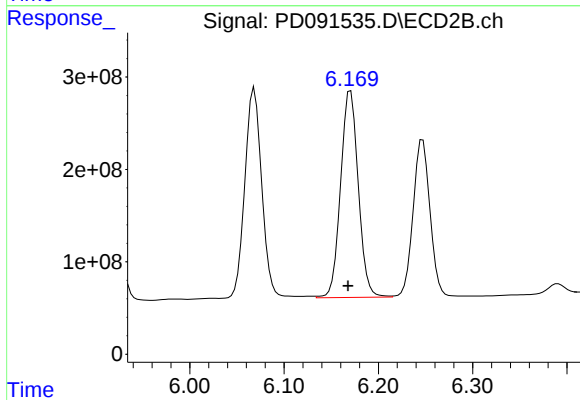
Instrument :

ECD_D

ClientSampleId :
PB170884BS

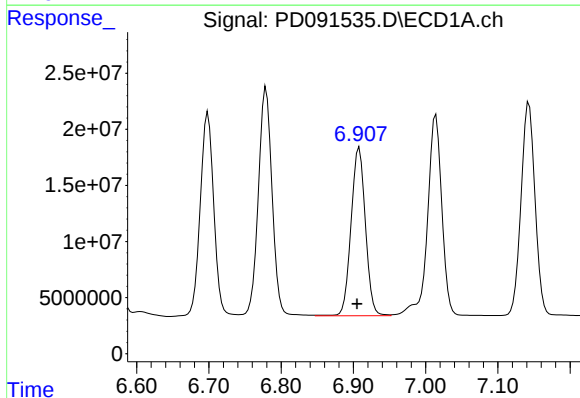
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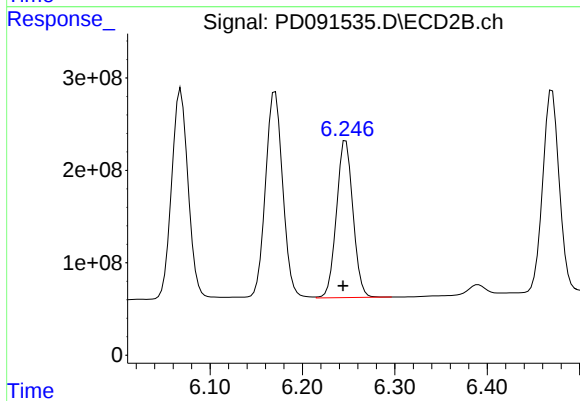
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.003 min
Response: 2918943645
Conc: 61.58 ng/ml



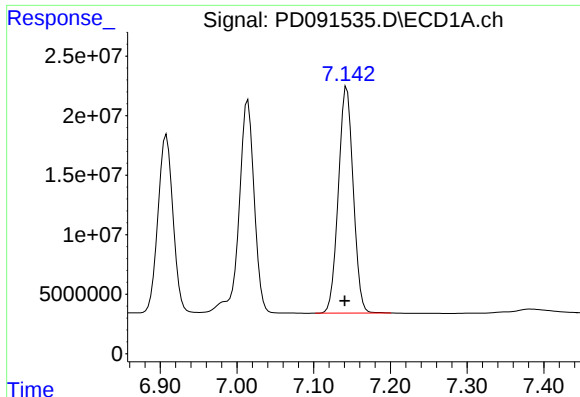
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: 0.003 min
Response: 206127601
Conc: 49.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: 0.003 min
Response: 2111367409
Conc: 59.16 ng/ml



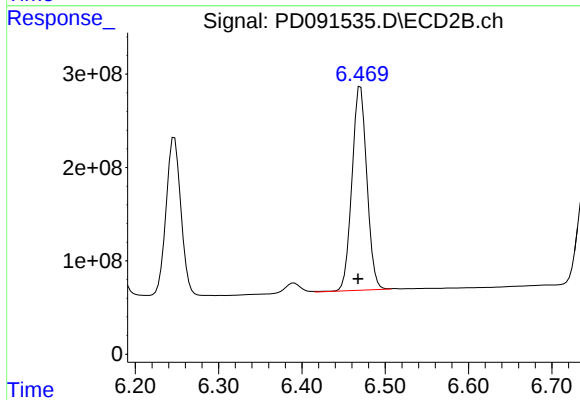
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: 0.003 min
Response: 256051660
Conc: 48.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

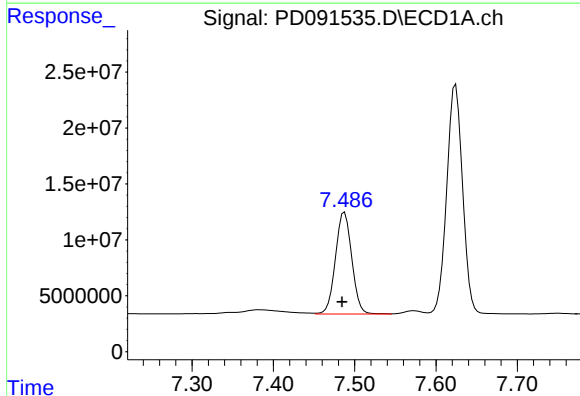
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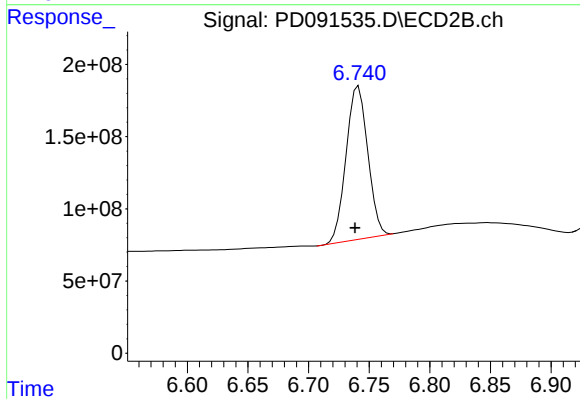
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.003 min
Response: 2715607372
Conc: 58.91 ng/ml



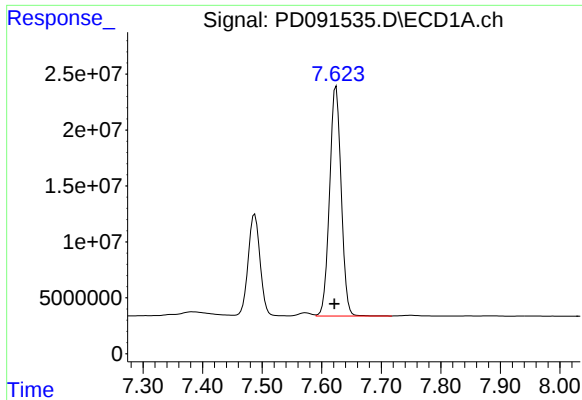
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.003 min
Response: 126727737
Conc: 47.15 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: 0.003 min
Response: 1316651346
Conc: 55.79 ng/ml



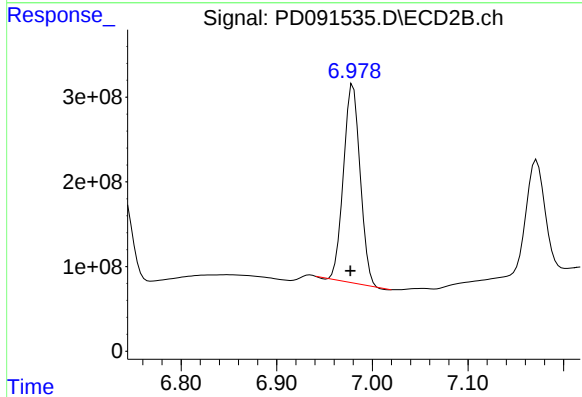
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.003 min
Response: 278367014
Conc: 49.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

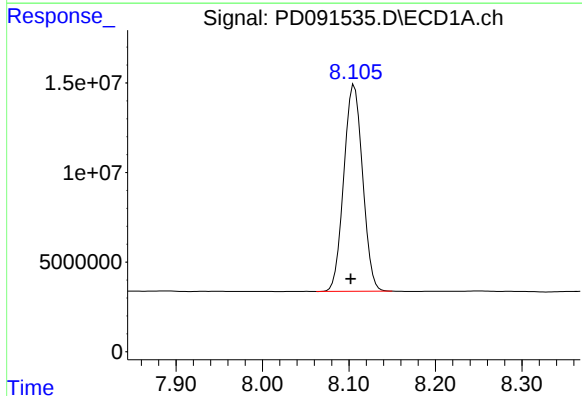
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2025
Supervised By :Yogesh Patel 12/11/2025



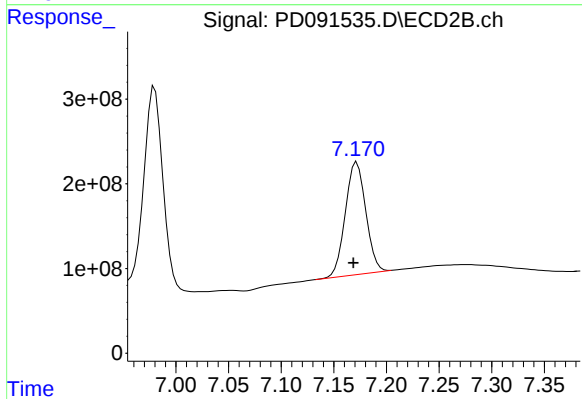
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.003 min
Response: 2828393684
Conc: 58.15 ng/ml



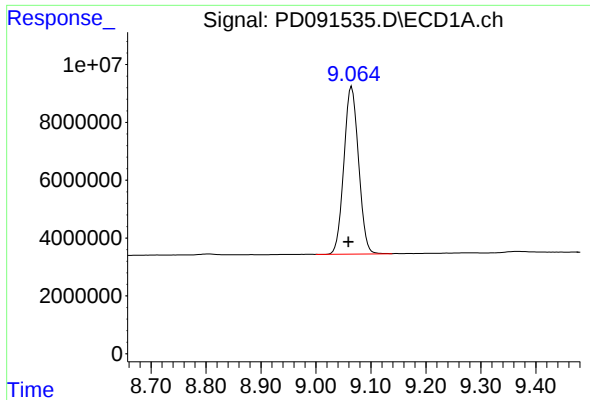
#22 Mirex

R.T.: 8.106 min
Delta R.T.: 0.004 min
Response: 173429824
Conc: 46.68 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.003 min
Response: 1802507171
Conc: 55.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.006 min
Response: 107445666
Conc: 20.67 ng/ml

Instrument :

ECD_D

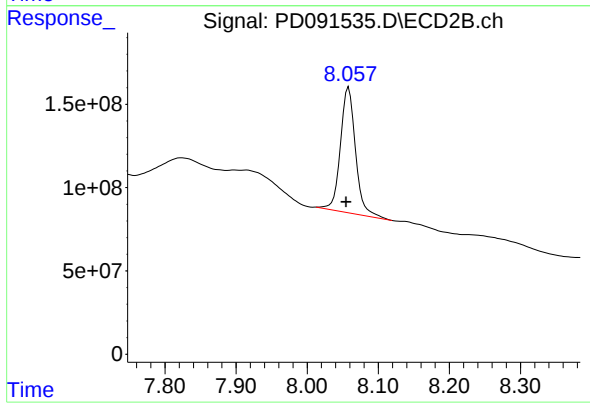
ClientSampleId :

PB170884BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 12/11/2025
Supervised By :Yogesh Patel 12/11/2025



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.004 min
Response: 1105525605
Conc: 26.70 ng/ml