

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091268.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 13:33
 Operator : AR\AJ
 Sample : PB170610BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170610BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:29:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.548	2.871	105.3E6	1229.0E6	30.529	33.551
28)	SA Decachlor...	9.068	8.058	107.2E6	933.5E6	21.517	23.587
Target Compounds							
2)	A alpha-BHC	3.998	3.383	354.8E6	2911.9E6	44.371	46.072
3)	MA gamma-BHC...	4.329	3.719	332.6E6	2686.2E6	44.509	46.456
4)	MA Heptachlor	4.926	4.070	329.2E6	2620.1E6	45.964	47.458
5)	MB Aldrin	5.267	4.356	321.2E6	2655.4E6	44.262	47.033
6)	B beta-BHC	4.516	4.015	123.0E6	1114.0E6	42.327	46.363
7)	B delta-BHC	4.764	4.251	333.5E6	2723.6E6	44.878	46.576
8)	B Heptachlo...	5.688	4.860	282.4E6	2391.3E6	43.471	46.927
9)	A Endosulfan I	6.071	5.234	271.3E6	2267.7E6	44.169	47.391
10)	B gamma-Chl...	5.944	5.113	290.9E6	2619.0E6	44.756	47.944
11)	B alpha-Chl...	6.023	5.177	291.2E6	2492.2E6	42.304	47.624
12)	B 4,4'-DDE	6.194	5.362	257.4E6	2532.9E6	44.379	47.396
13)	MA Dieldrin	6.344	5.500	290.1E6	2574.2E6	44.873	47.397
14)	MA Endrin	6.571	5.776	237.2E6	2262.9E6	47.790	50.072
15)	B Endosulfa...	6.784	6.067	249.9E6	2201.4E6	44.949	47.159m
16)	A 4,4'-DDD	6.703	5.917	215.1E6	2137.4E6	43.789	43.737
17)	MA 4,4'-DDT	7.019	6.170	211.8E6	2161.6E6	51.205	55.238
18)	B Endrin al...	6.913	6.247	182.6E6	1678.0E6	43.836	47.549
19)	B Endosulfa...	7.148	6.470	226.8E6	2143.2E6	44.076	47.801
20)	A Methoxychlor	7.492	6.741	107.6E6	1070.1E6	49.506	53.369
21)	B Endrin ke...	7.628	6.979	244.5E6	2395.9E6	43.392	47.018
22)	Mirex	8.110	7.171	152.9E6	1551.1E6	42.998	46.805

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 13:33
Operator : AR\AJ
Sample : PB170610BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

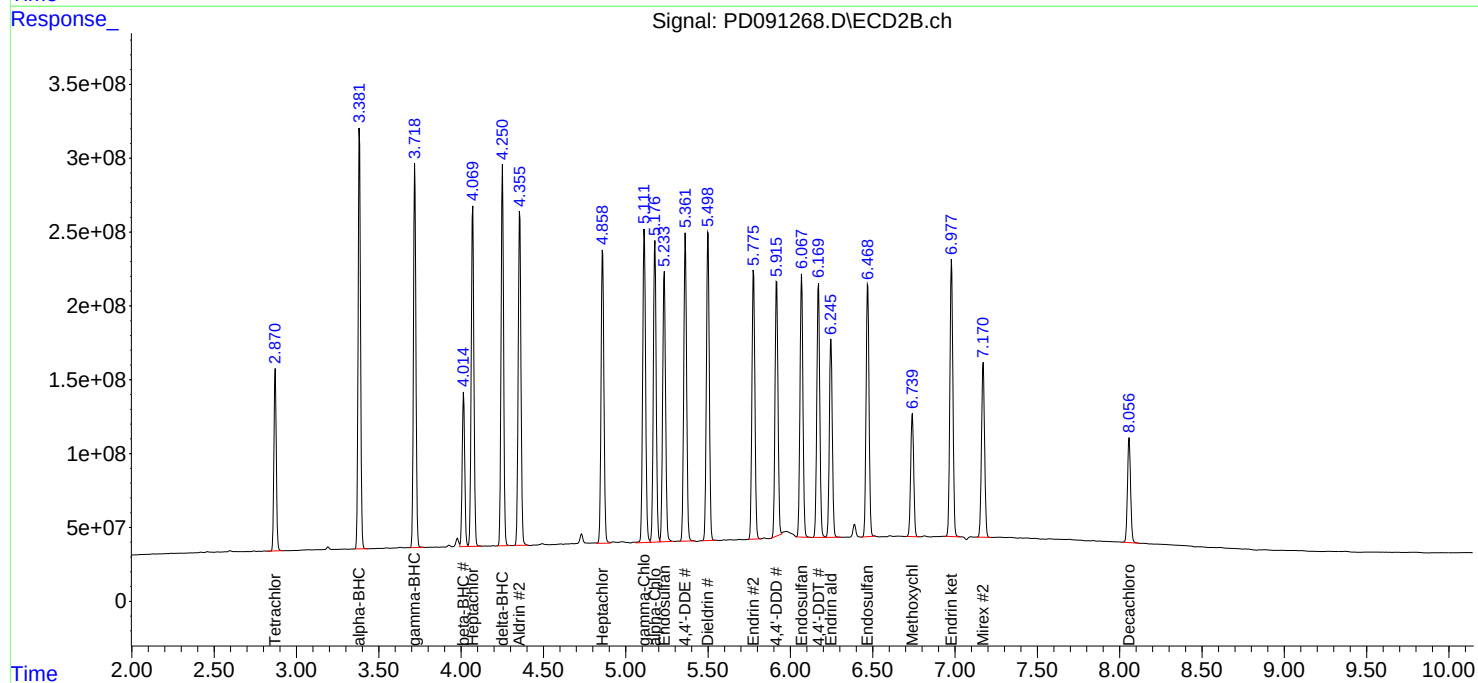
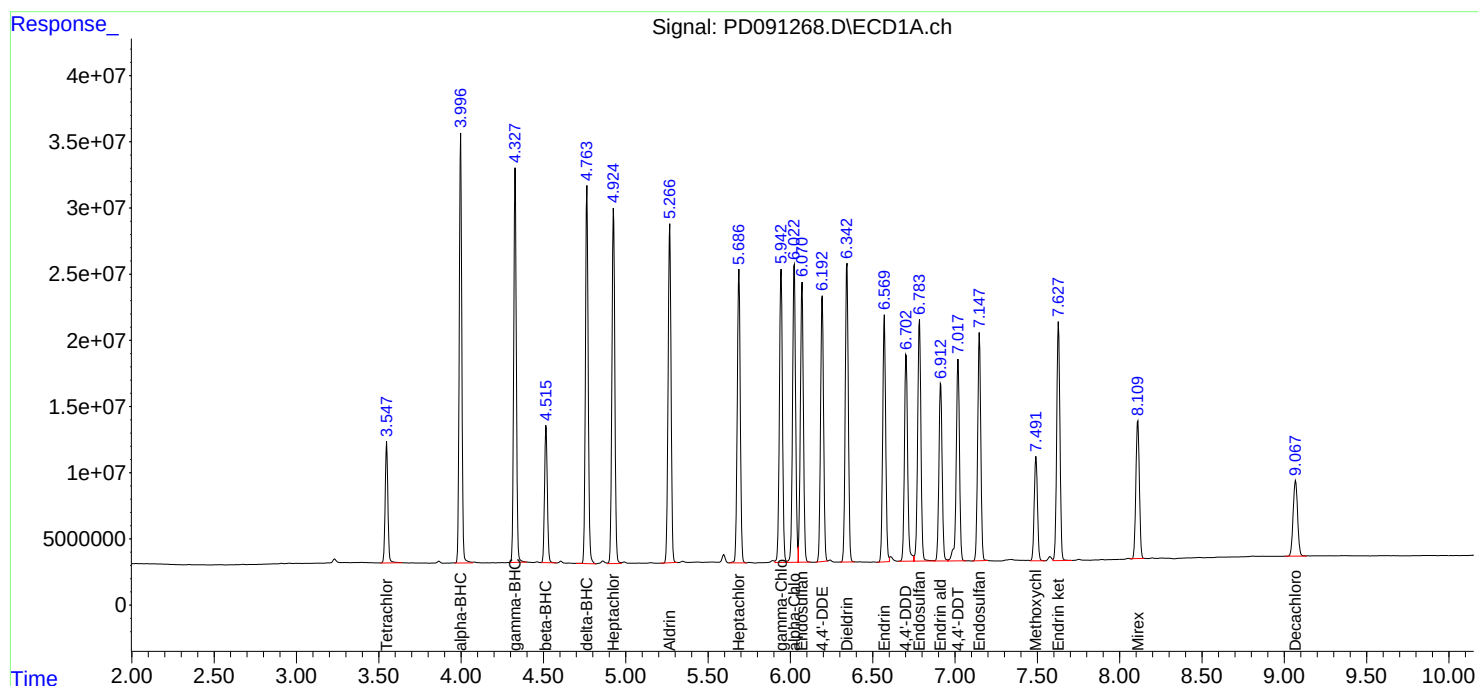
Instrument :
ECD_D
ClientSampleId :
PB170610BS

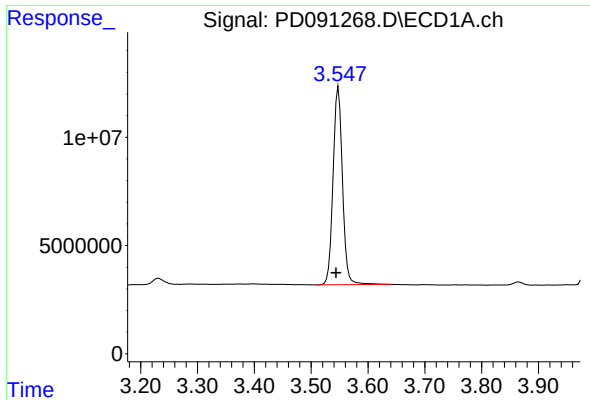
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:29:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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





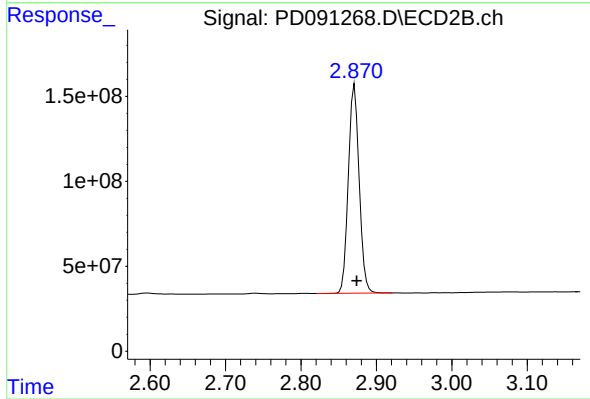
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.004 min
Response: 105282567
Conc: 30.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
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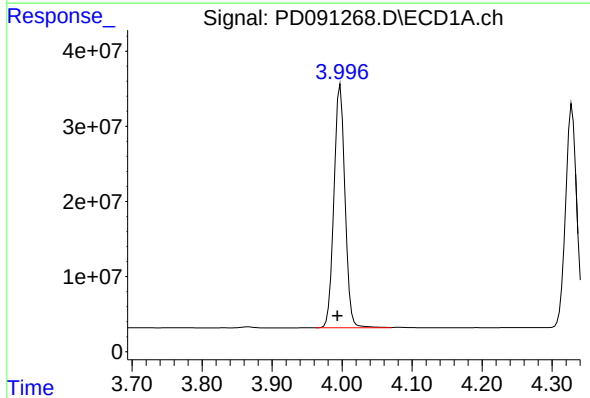
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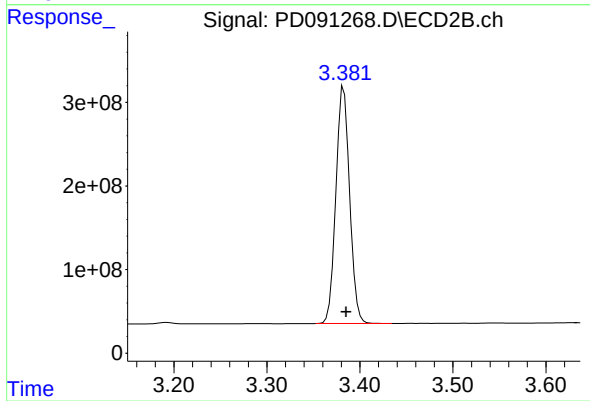
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 1228968532
Conc: 33.55 ng/ml



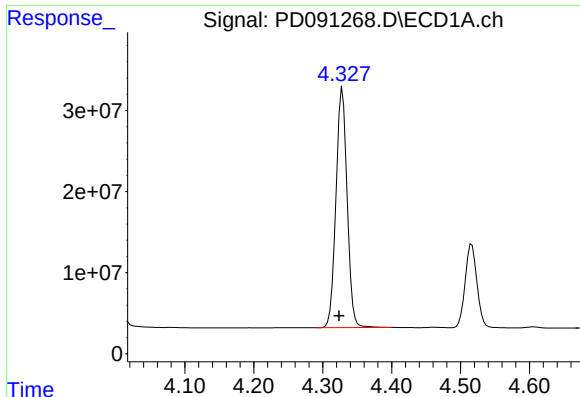
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.005 min
Response: 354767949
Conc: 44.37 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 2911909206
Conc: 46.07 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.005 min
Response: 332611712
Conc: 44.51 ng/ml

Instrument :

ECD_D

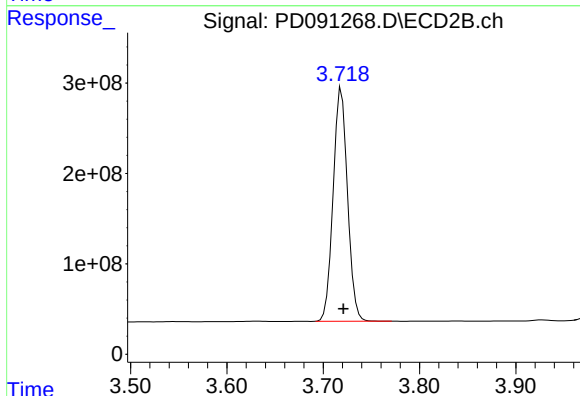
ClientSampleId :

PB170610BS

Manual Integrations

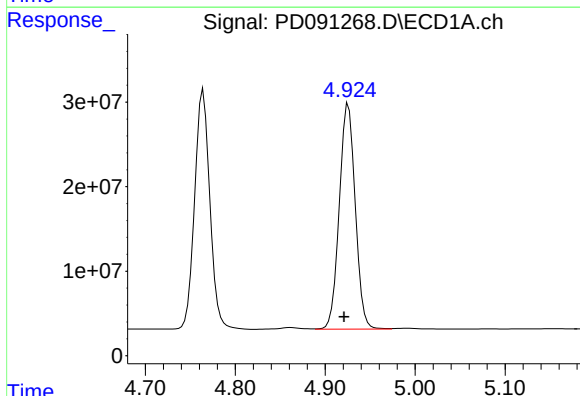
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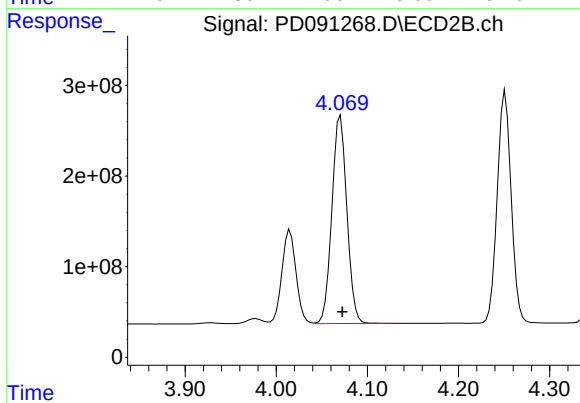
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 2686173855
Conc: 46.46 ng/ml



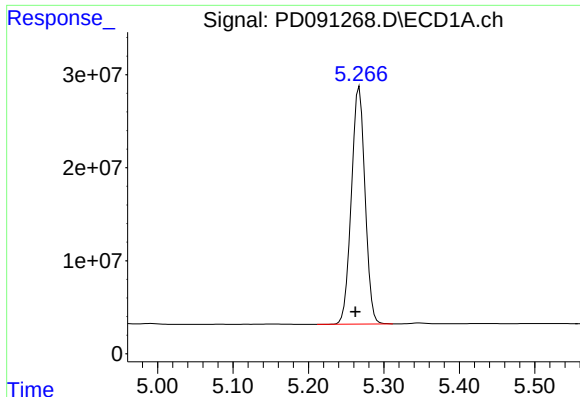
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.005 min
Response: 329181617
Conc: 45.96 ng/ml



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: -0.002 min
Response: 2620141391
Conc: 47.46 ng/ml



#5 Aldrin

R.T.: 5.267 min
Delta R.T.: 0.005 min
Response: 321182537
Conc: 44.26 ng/ml

Instrument :

ECD_D

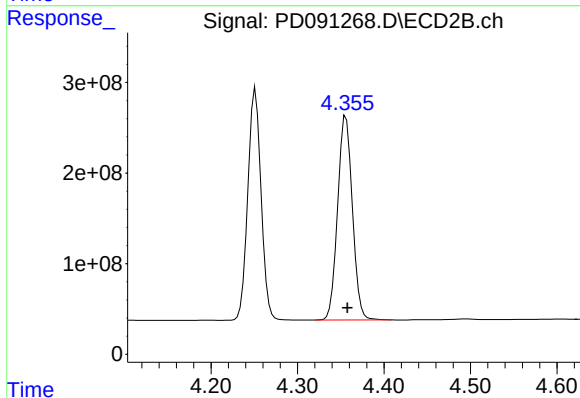
ClientSampleId :

PB170610BS

Manual Integrations

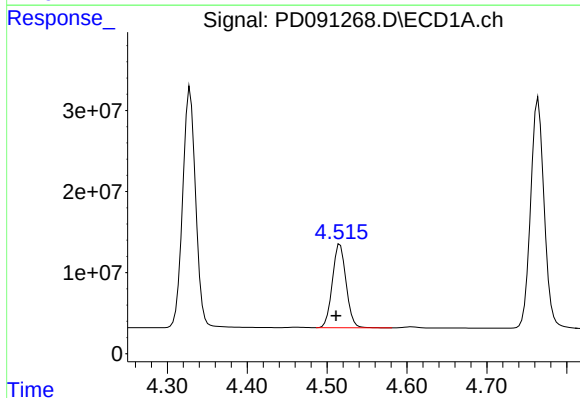
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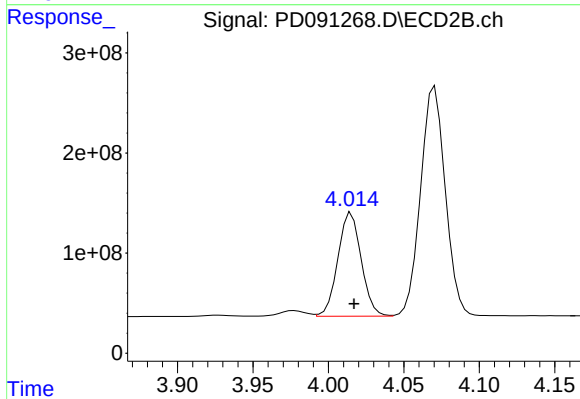
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 2655381244
Conc: 47.03 ng/ml



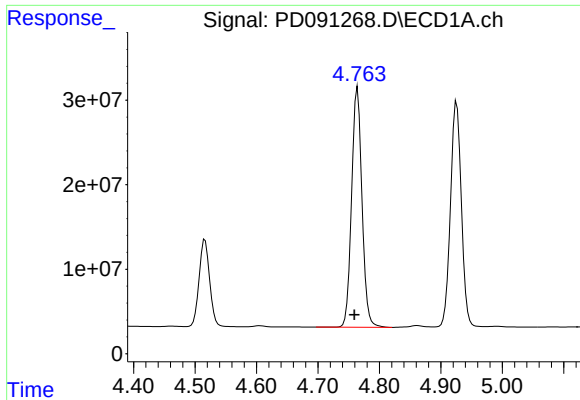
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.005 min
Response: 122979617
Conc: 42.33 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1113963760
Conc: 46.36 ng/ml



#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.005 min
Response: 333533979
Conc: 44.88 ng/ml

Instrument :

ECD_D

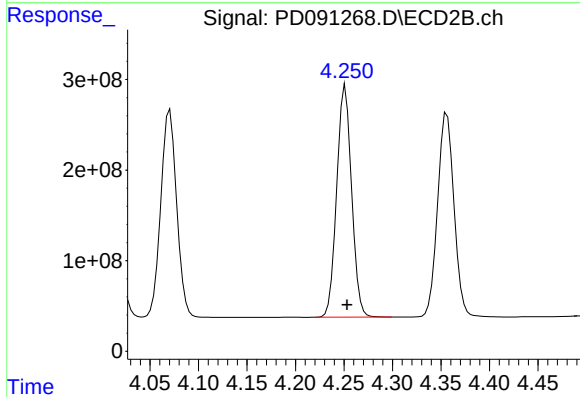
ClientSampleId :

PB170610BS

Manual Integrations

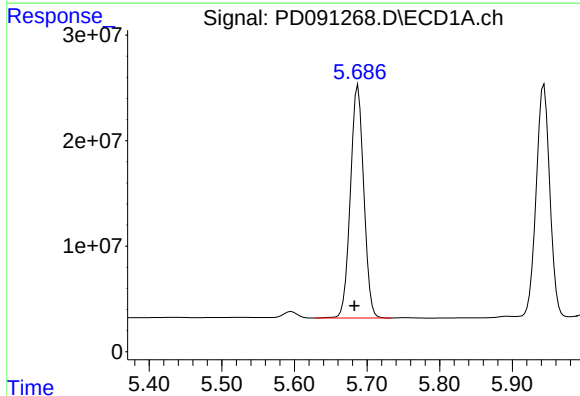
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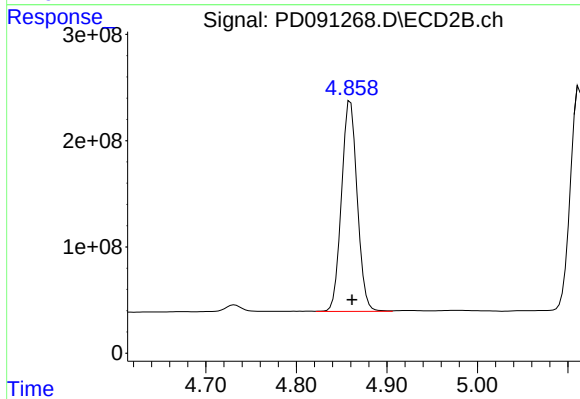
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 2723641629
Conc: 46.58 ng/ml



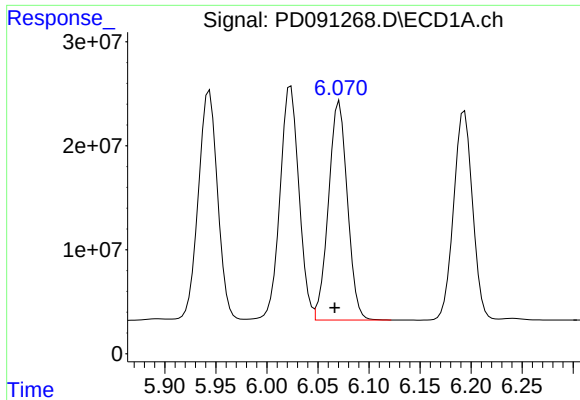
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.005 min
Response: 282420554
Conc: 43.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 2391336798
Conc: 46.93 ng/ml



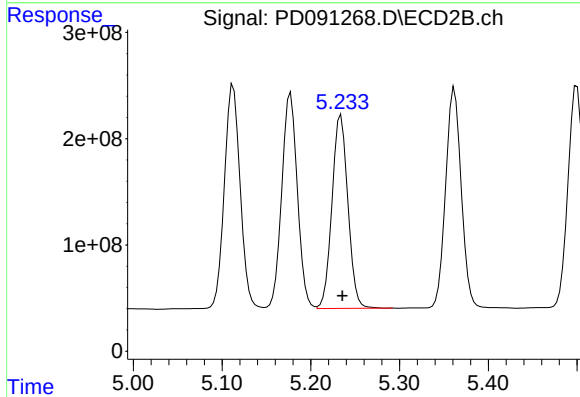
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.005 min
Response: 271328005
Conc: 44.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170610BS

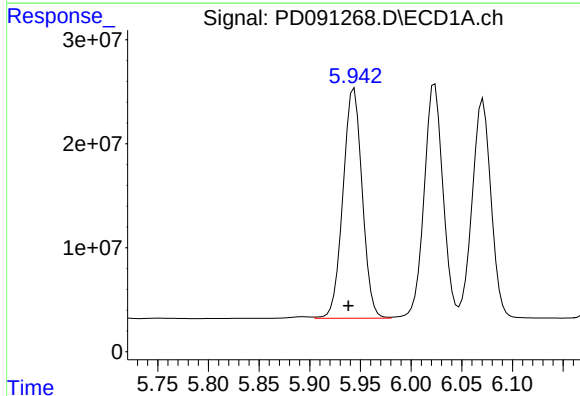
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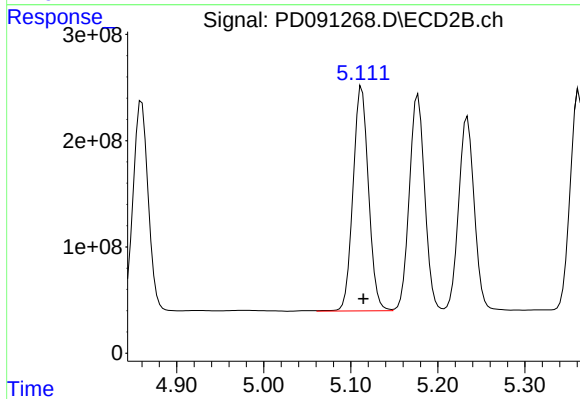
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 2267729358
Conc: 47.39 ng/ml



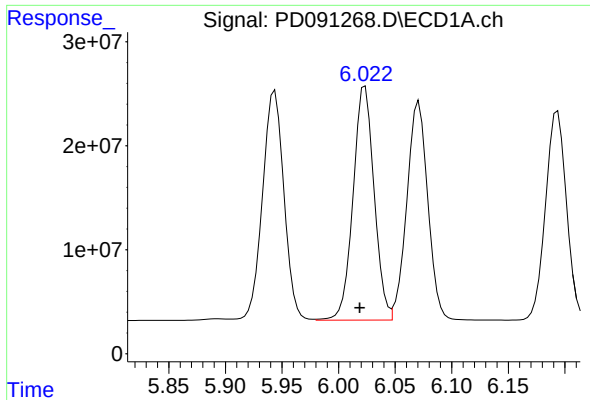
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.006 min
Response: 290949360
Conc: 44.76 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 2619028663
Conc: 47.94 ng/ml



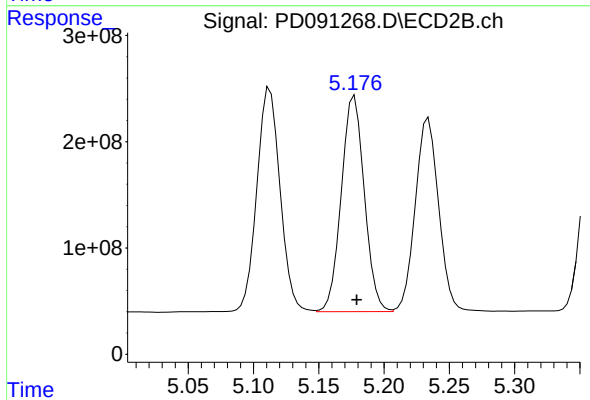
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.005 min
Response: 291170555
Conc: 42.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170610BS

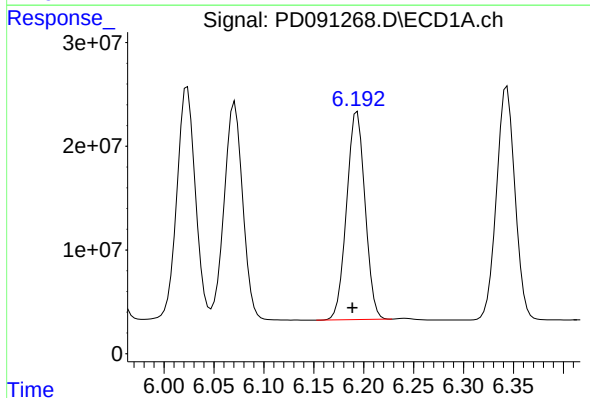
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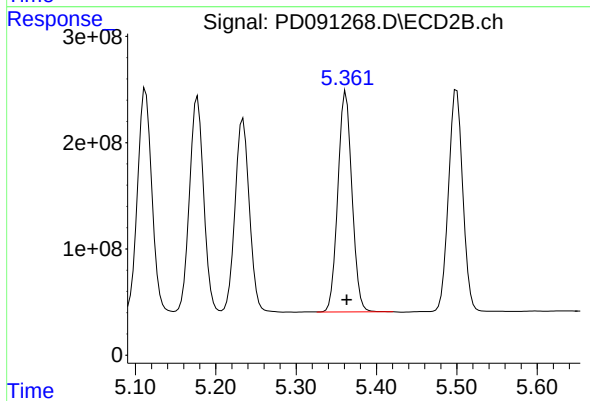
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2492204977
Conc: 47.62 ng/ml



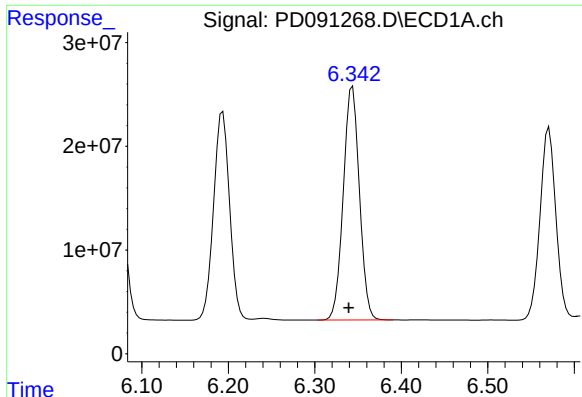
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.005 min
Response: 257369612
Conc: 44.38 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 2532939822
Conc: 47.40 ng/ml



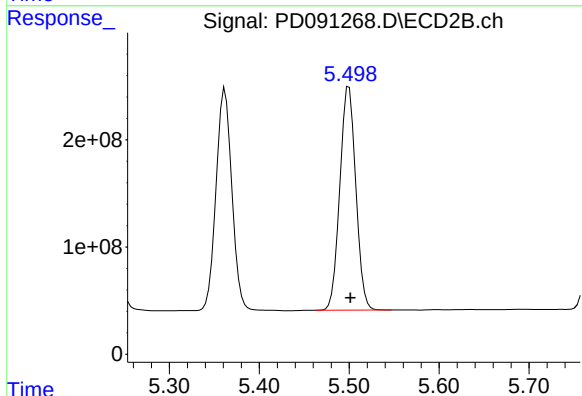
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.005 min
Response: 290098197
Conc: 44.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170610BS

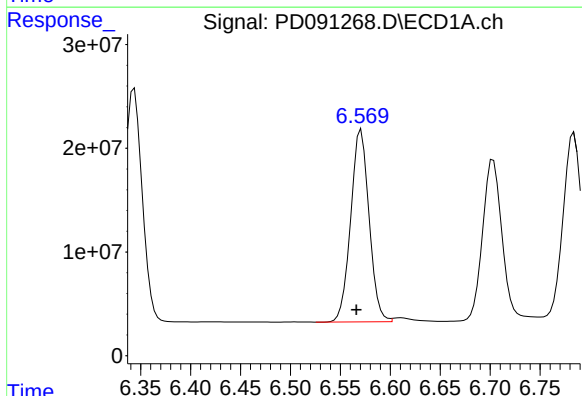
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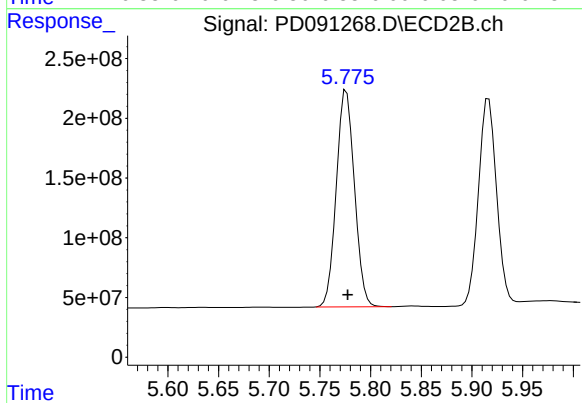
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 2574167978
Conc: 47.40 ng/ml



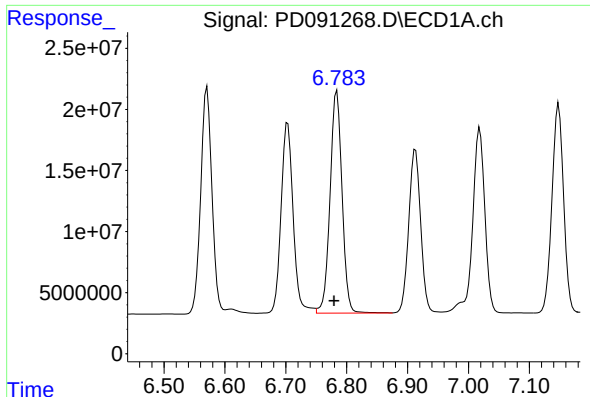
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.005 min
Response: 237205203
Conc: 47.79 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 2262884268
Conc: 50.07 ng/ml



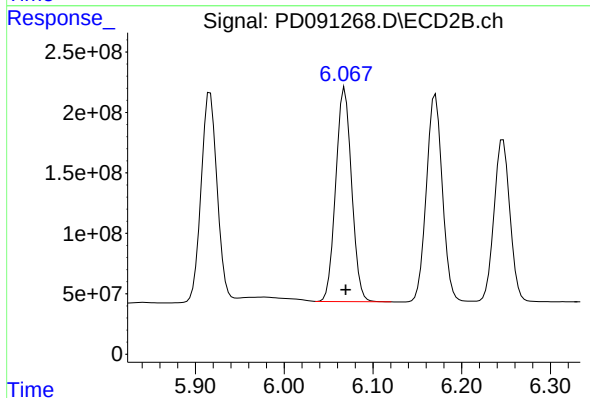
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: 0.005 min
Response: 249883928
Conc: 44.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170610BS

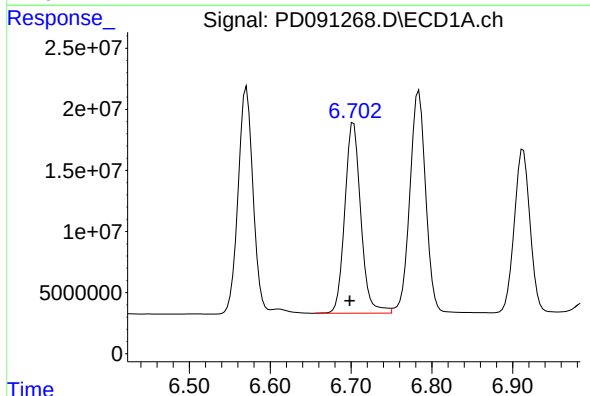
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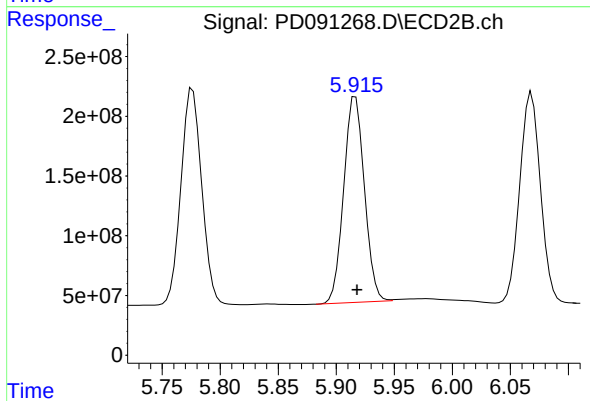
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 2201381307
Conc: 47.16 ng/ml m



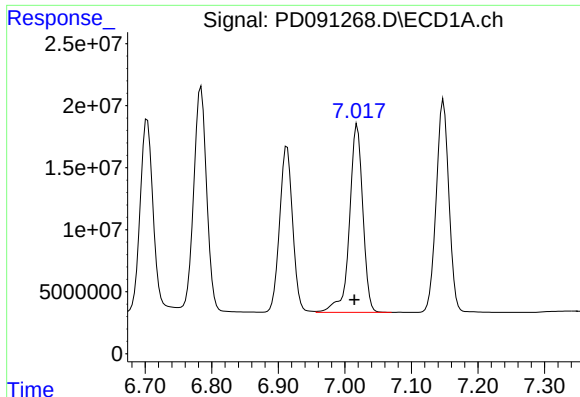
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.005 min
Response: 215069565
Conc: 43.79 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: -0.001 min
Response: 2137354817
Conc: 43.74 ng/ml



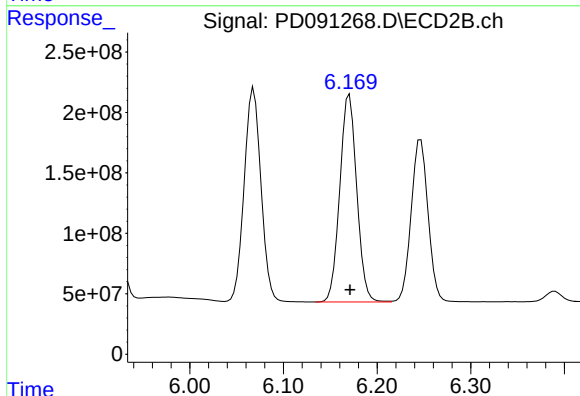
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.004 min
Response: 211756910
Conc: 51.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170610BS

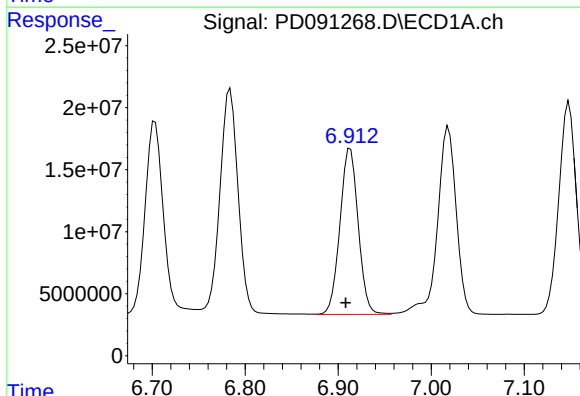
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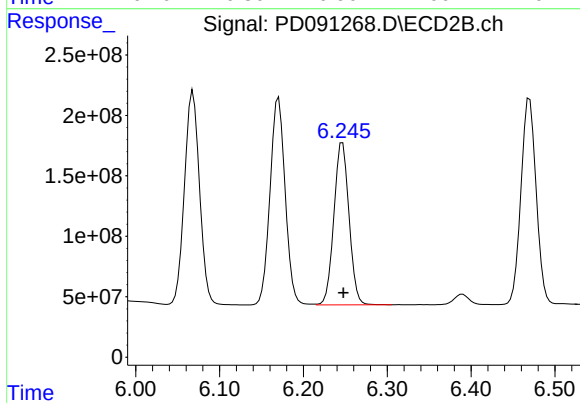
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 2161601548
Conc: 55.24 ng/ml



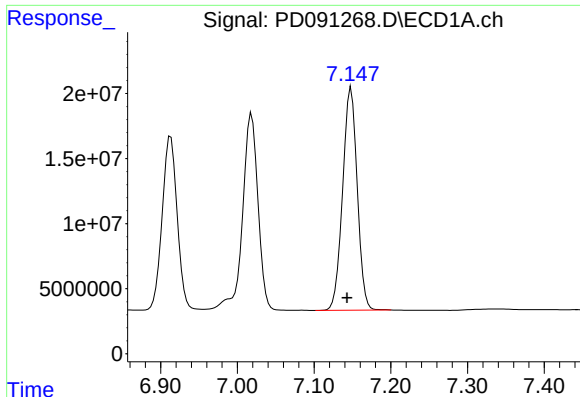
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.005 min
Response: 182620998
Conc: 43.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.001 min
Response: 1677956654
Conc: 47.55 ng/ml



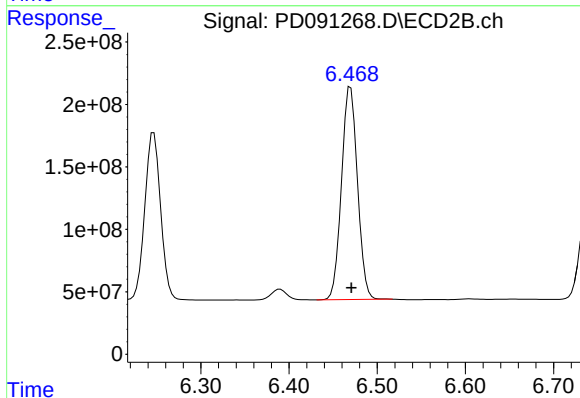
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.005 min
Response: 226762600
Conc: 44.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170610BS

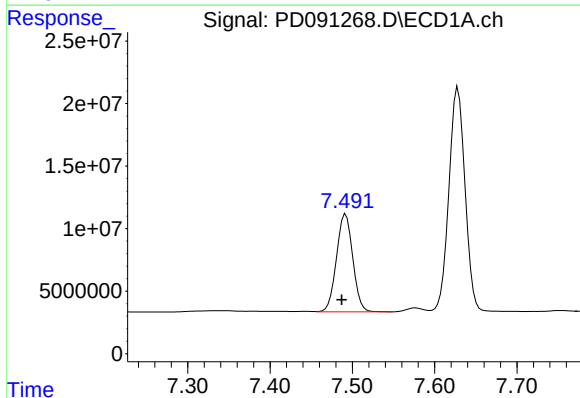
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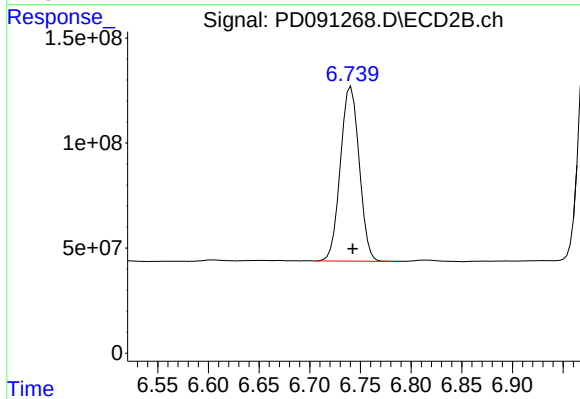
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 2143156346
Conc: 47.80 ng/ml



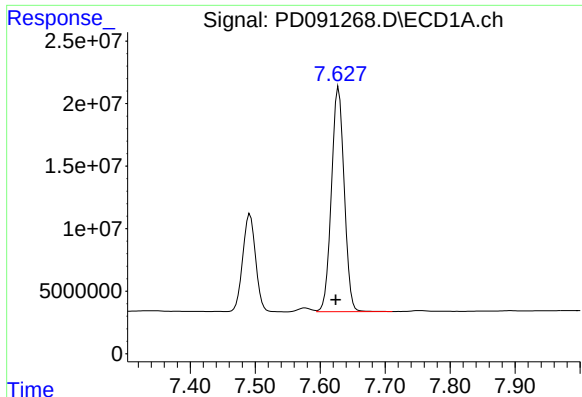
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.005 min
Response: 107642016
Conc: 49.51 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: -0.001 min
Response: 1070130660
Conc: 53.37 ng/ml



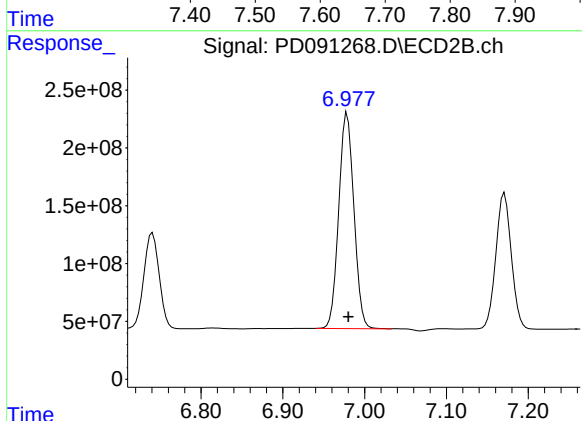
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: 0.005 min
Response: 244452329
Conc: 43.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170610BS

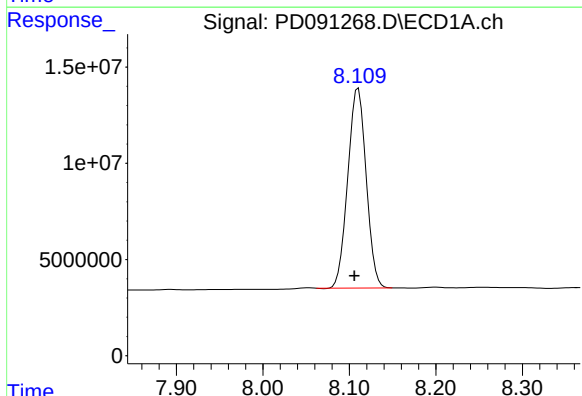
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



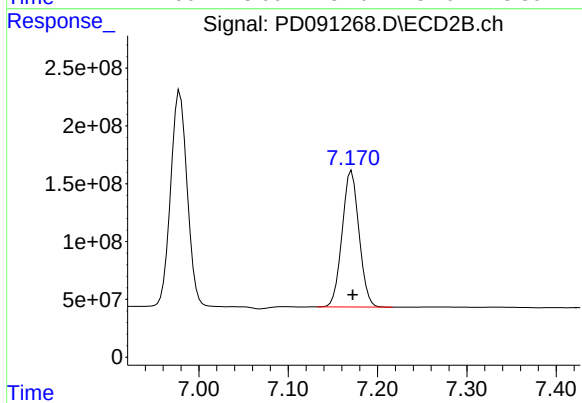
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.001 min
Response: 2395864965
Conc: 47.02 ng/ml



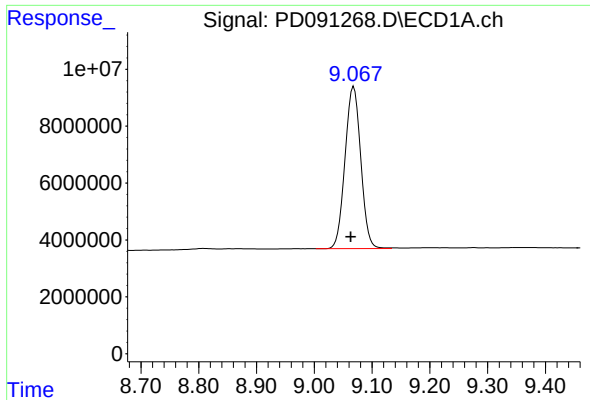
#22 Mirex

R.T.: 8.110 min
Delta R.T.: 0.005 min
Response: 152947164
Conc: 43.00 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 1551102526
Conc: 46.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.005 min
Response: 107195057
Conc: 21.52 ng/ml

Instrument :

ECD_D

ClientSampleId :

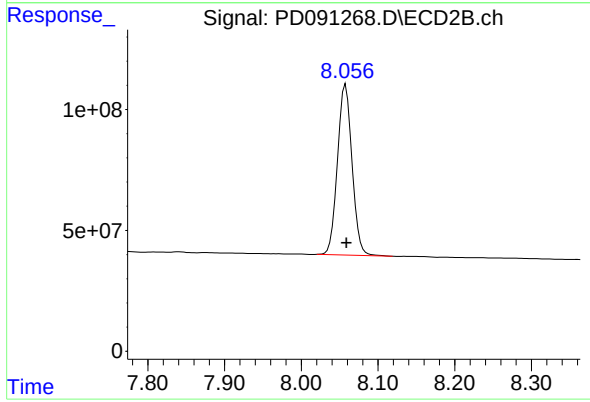
PB170610BS

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#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 933459812
Conc: 23.59 ng/ml