

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
 Data File : PD091028.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2025 16:46
 Operator : AR\AJ
 Sample : PB170447BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170447BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 10:58:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.873	63400181	639.5E6	20.359	21.475
28)	SA Decachlor...	9.066	8.060	92223201	706.3E6	19.714	23.317
Target Compounds							
2)	A alpha-BHC	3.993	3.385	62695290	559.0E6	8.735	10.940 #
3)	MA gamma-BHC...	4.324	3.721	60687192	516.5E6	8.926	10.932
4)	MA Heptachlor	4.922	4.072	65212774	521.4E6	11.667	11.691
5)	MB Aldrin	5.264	4.358	61244047	515.1E6	9.354	11.121
6)	B beta-BHC	4.512	4.017	27806806	227.8E6	10.615	11.486
7)	B delta-BHC	4.760	4.253	56239650	482.9E6	8.317	10.120
8)	B Heptachlo...	5.684	4.862	56138539	476.3E6	9.697	11.171
9)	A Endosulfan I	6.068	5.236	54545056	445.6E6	9.852	11.313
10)	B gamma-Chl...	5.940	5.114	56105656	494.0E6	9.459	10.991
11)	B alpha-Chl...	6.021	5.179	61263227	479.5E6	9.913	11.116
12)	B 4,4'-DDE	6.190	5.364	48452740	490.3E6	9.096	11.185
13)	MA Dieldrin	6.341	5.502	55252196	502.6E6	9.475	11.376
14)	MA Endrin	6.569	5.777	44922629	440.5E6	9.068	10.879m
15)	B Endosulfa...	6.781	6.070	46831092	434.7E6	9.366	11.576
16)	A 4,4'-DDD	6.700	5.918	39207202	420.1E6	9.671	11.529
17)	MA 4,4'-DDT	7.016	6.172	39988011	385.8E6	9.728	11.001
18)	B Endrin al...	6.910	6.249	35912422	304.6E6	9.805	10.998
19)	B Endosulfa...	7.145	6.472	44775199	402.3E6	9.654	11.224
20)	A Methoxychlor	7.489	6.743	22750603	202.0E6	10.703	11.590
21)	B Endrin ke...	7.626	6.981	49209304	463.8E6	10.128	12.296
22)	Mirex	8.108	7.173	36694315	328.5E6	11.464	12.788

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 16:46
Operator : AR\AJ
Sample : PB170447BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

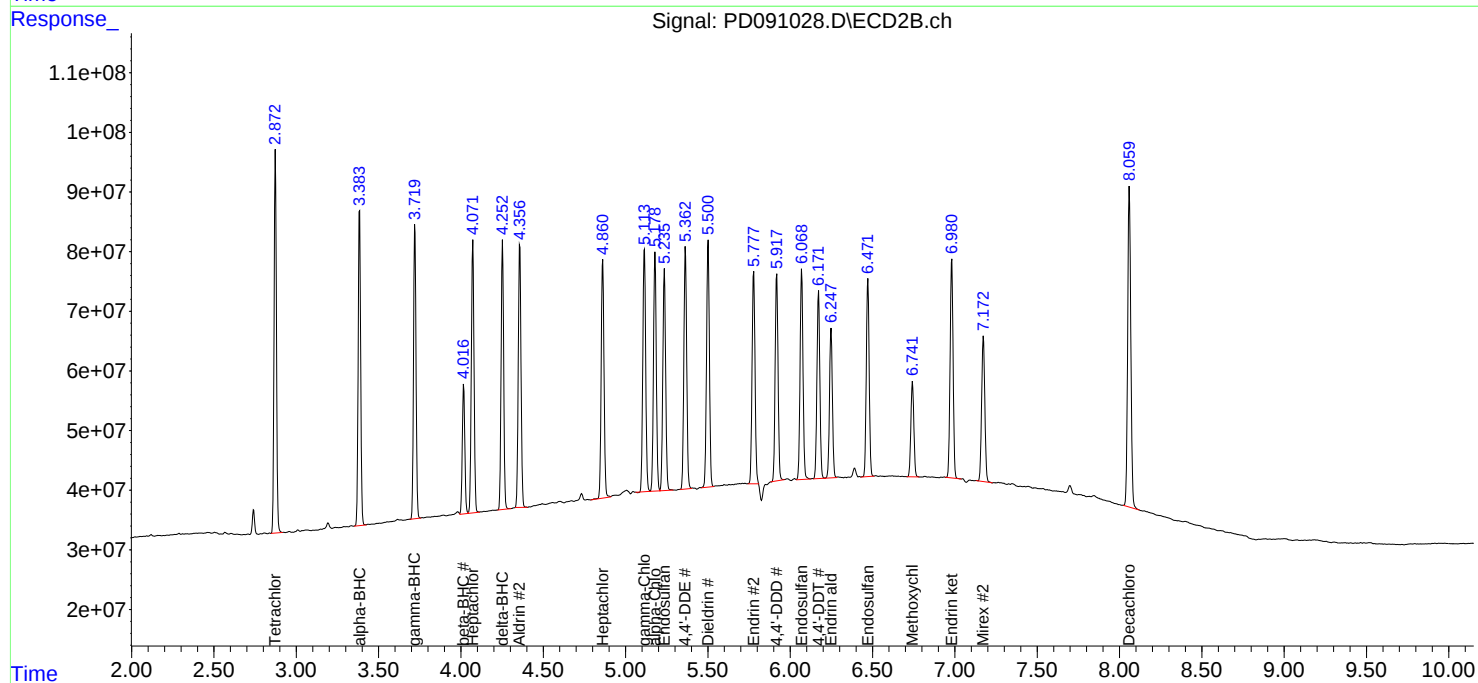
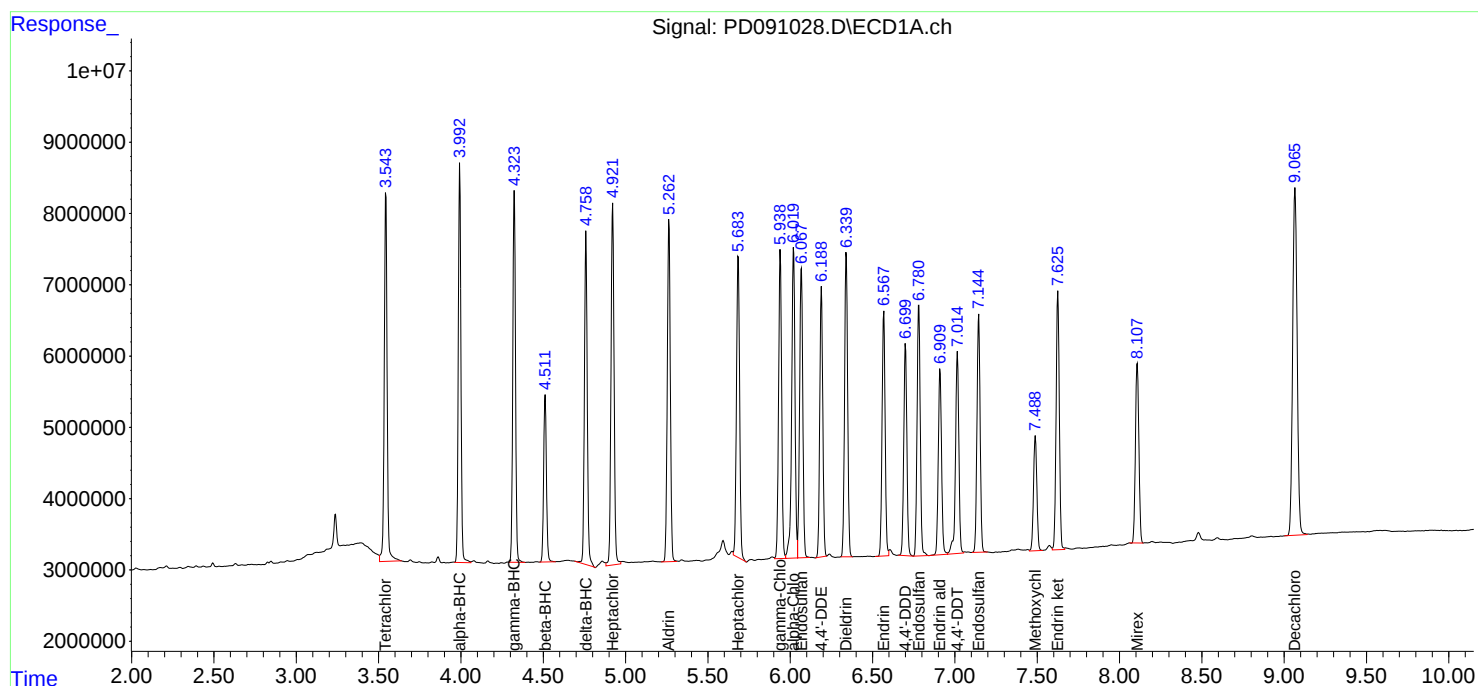
Instrument :
ECD_D
ClientSampleId :
PB170447BS

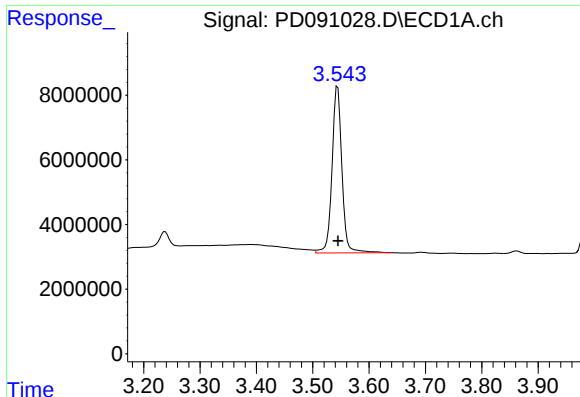
Manual Integrations
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Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 10 10:58:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
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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.: 3.544 min
Delta R.T.: 0.000 min
Response: 63400181
Conc: 20.36 ng/ml

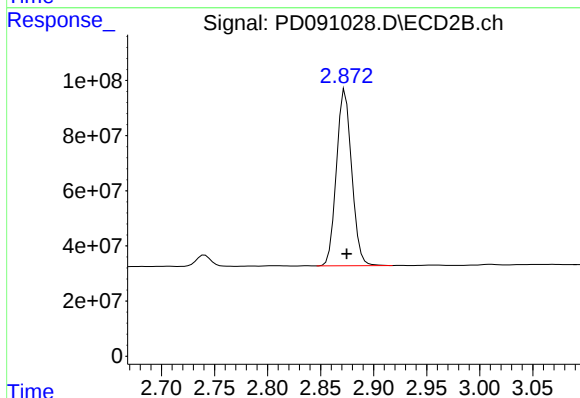
Instrument :

ECD_D

ClientSampleId :
PB170447BS

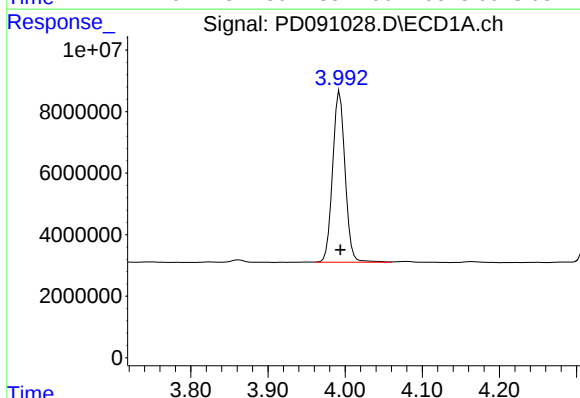
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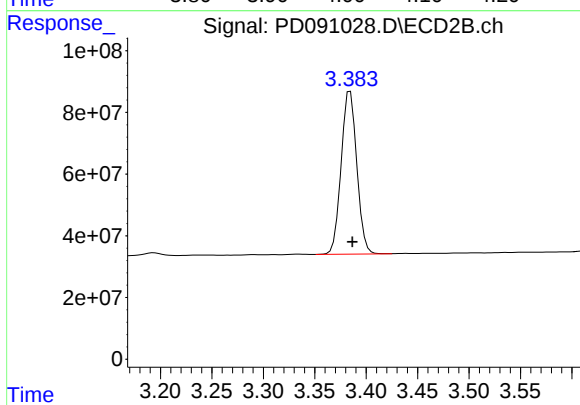
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 639462951
Conc: 21.47 ng/ml



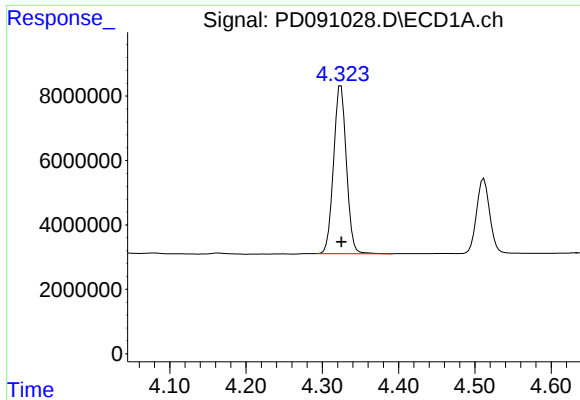
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 62695290
Conc: 8.74 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 558971554
Conc: 10.94 ng/ml



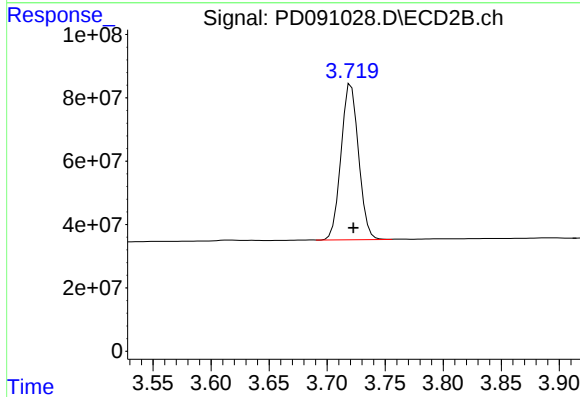
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 60687192
Conc: 8.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170447BS

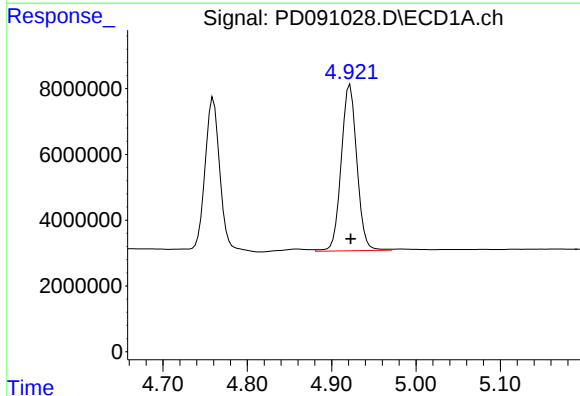
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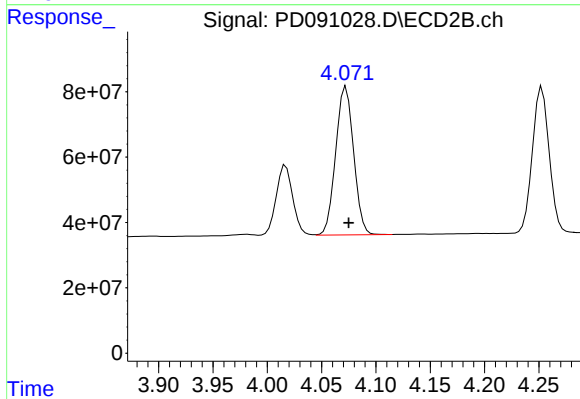
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 516509153
Conc: 10.93 ng/ml



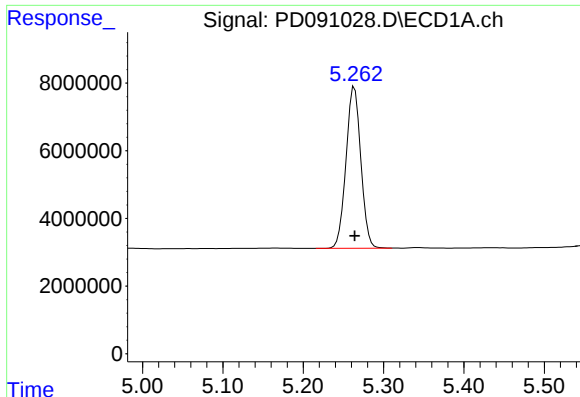
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 65212774
Conc: 11.67 ng/ml



#4 Heptachlor

R.T.: 4.072 min
Delta R.T.: -0.002 min
Response: 521430167
Conc: 11.69 ng/ml



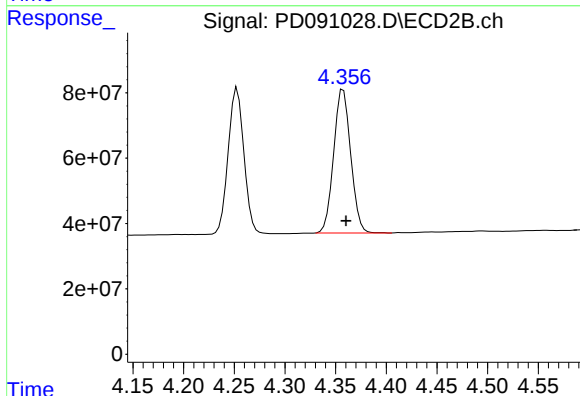
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 61244047
Conc: 9.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170447BS

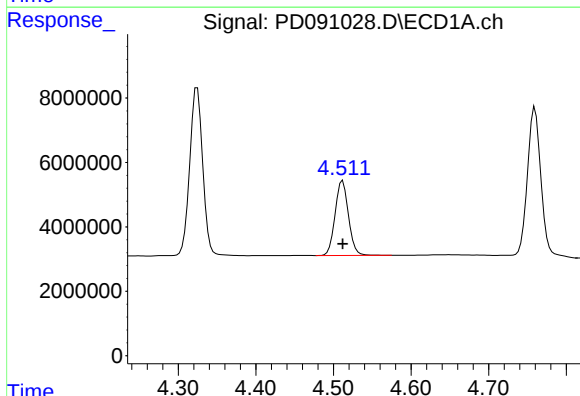
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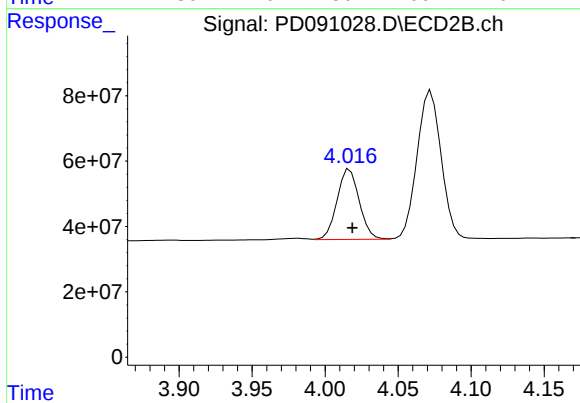
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.003 min
Response: 51511185
Conc: 11.12 ng/ml



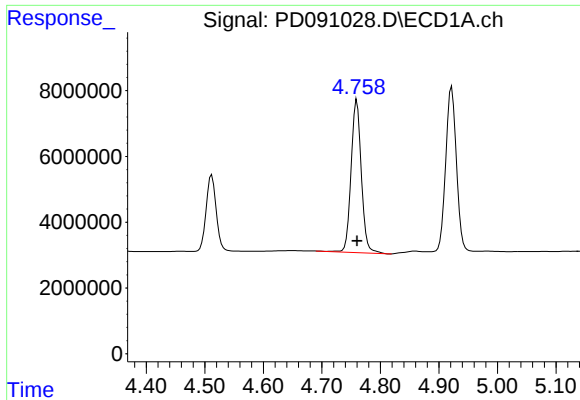
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 27806806
Conc: 10.61 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 227768843
Conc: 11.49 ng/ml



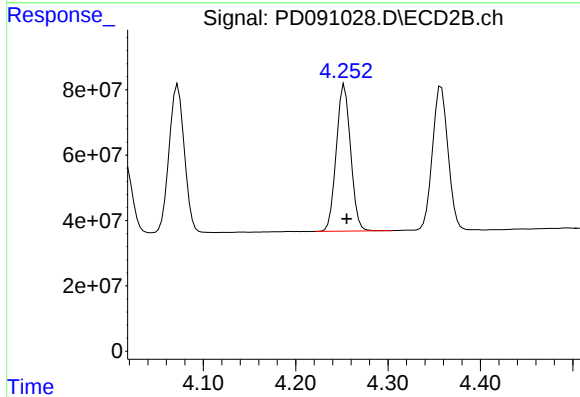
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 56239650
Conc: 8.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170447BS

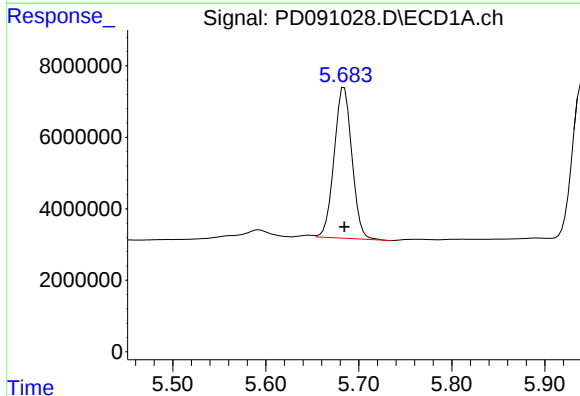
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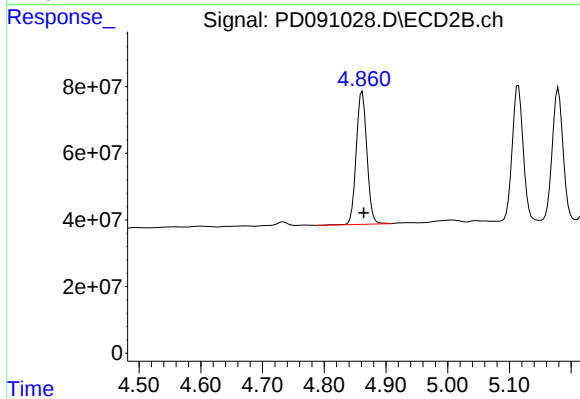
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 482894440
Conc: 10.12 ng/ml



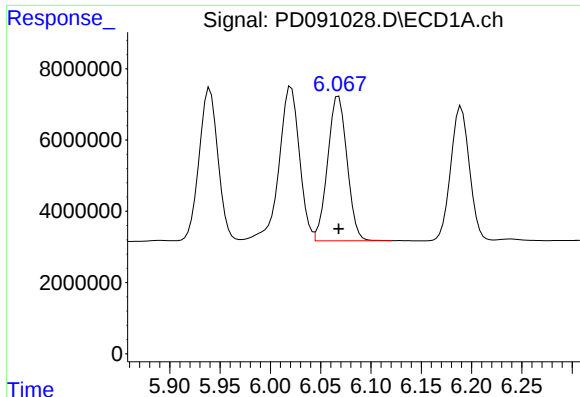
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 56138539
Conc: 9.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 476327598
Conc: 11.17 ng/ml



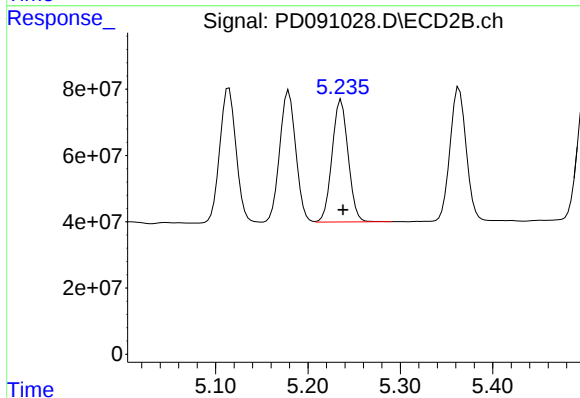
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 54545056
Conc: 9.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170447BS

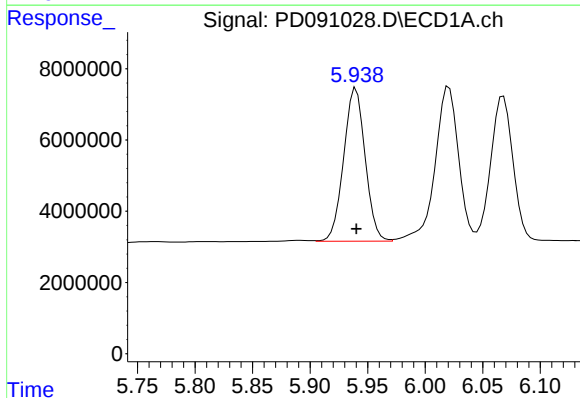
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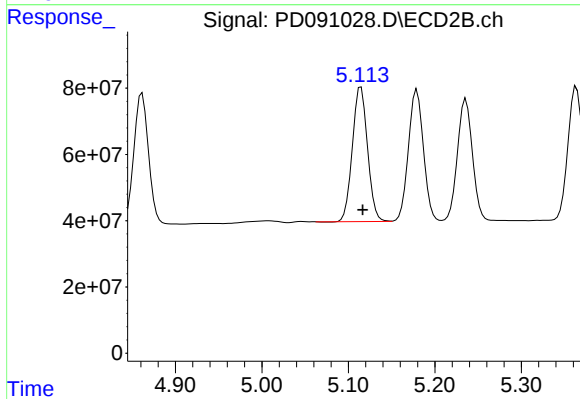
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 445612534
Conc: 11.31 ng/ml



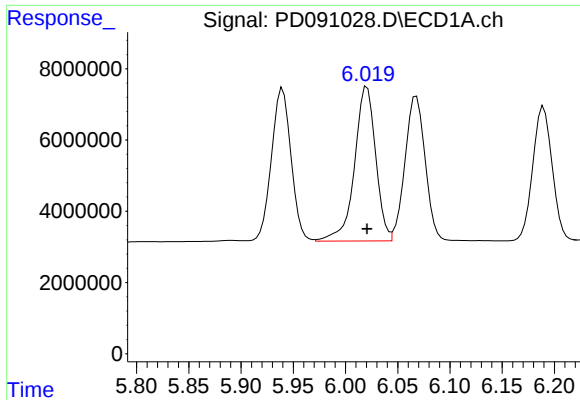
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 56105656
Conc: 9.46 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 494024204
Conc: 10.99 ng/ml



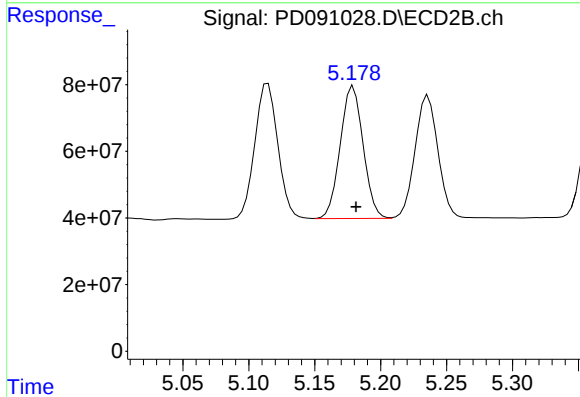
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 61263227
Conc: 9.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170447BS

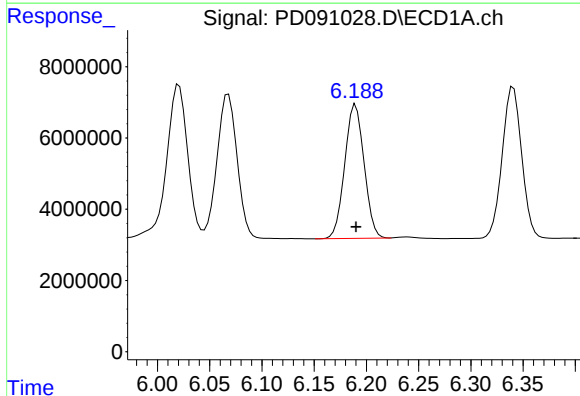
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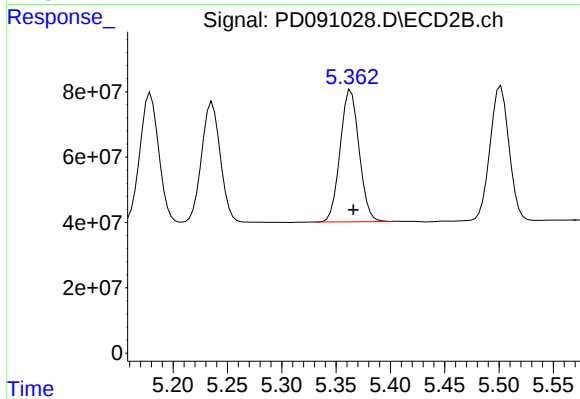
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 479532927
Conc: 11.12 ng/ml



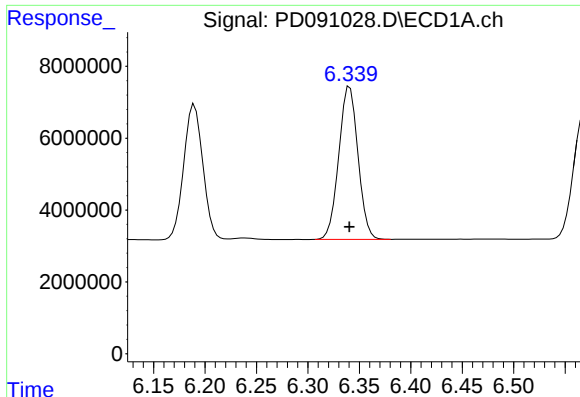
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 48452740
Conc: 9.10 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 490311585
Conc: 11.18 ng/ml



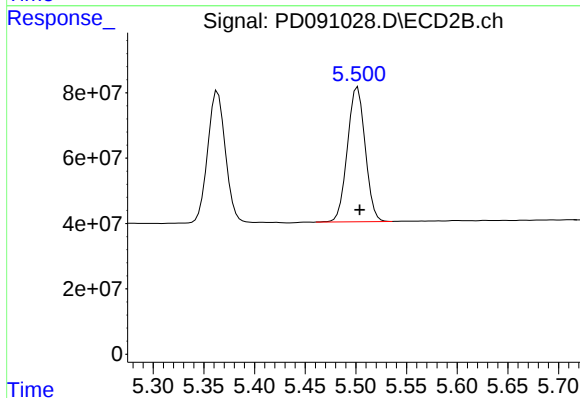
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 55252196
Conc: 9.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170447BS

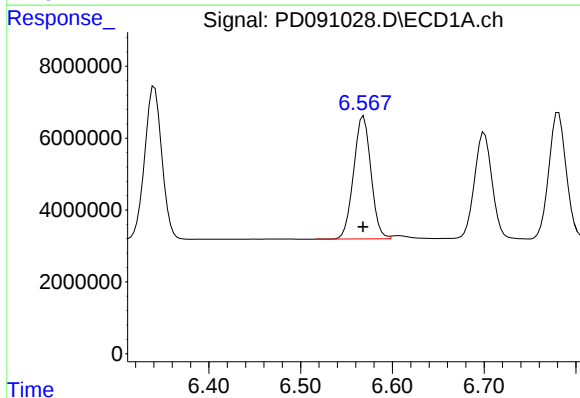
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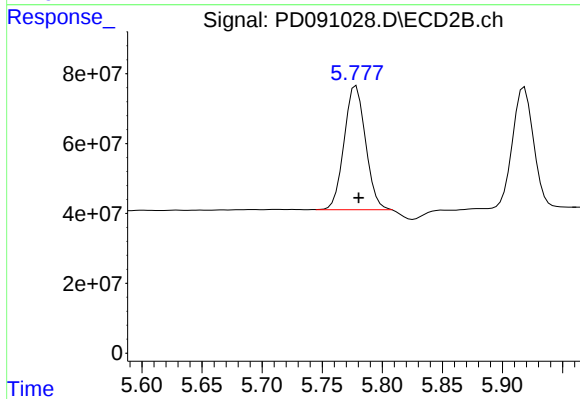
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 502616740
Conc: 11.38 ng/ml



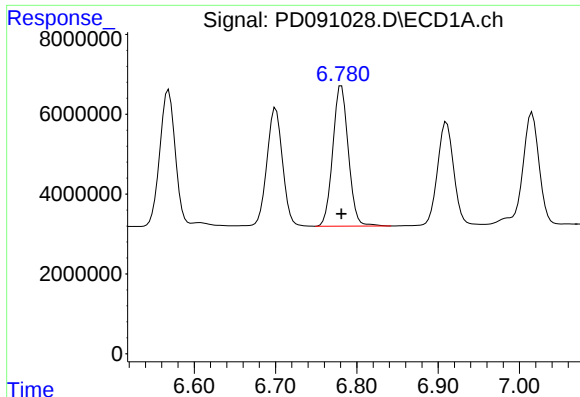
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 44922629
Conc: 9.07 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: -0.004 min
Response: 440530512
Conc: 10.88 ng/ml m



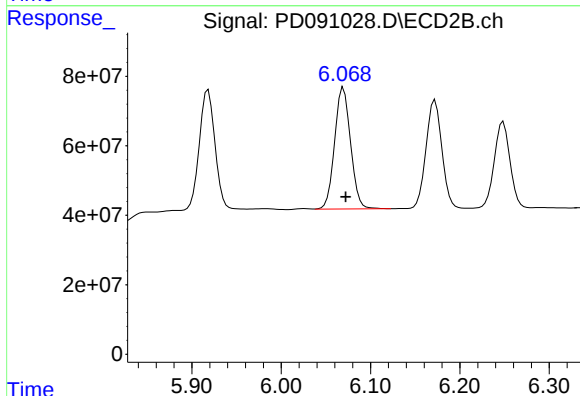
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 46831092
Conc: 9.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170447BS

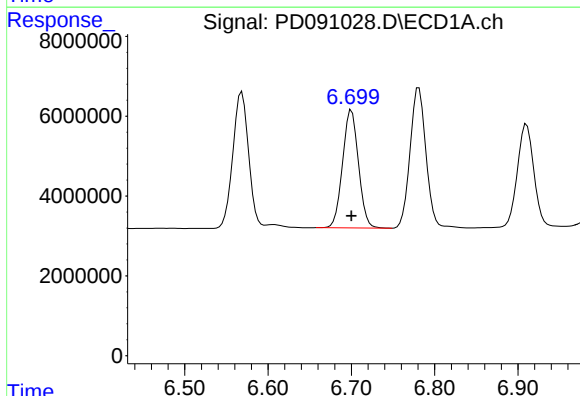
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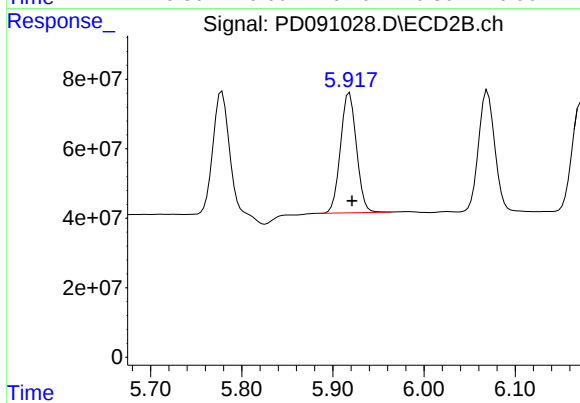
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 434726137
Conc: 11.58 ng/ml



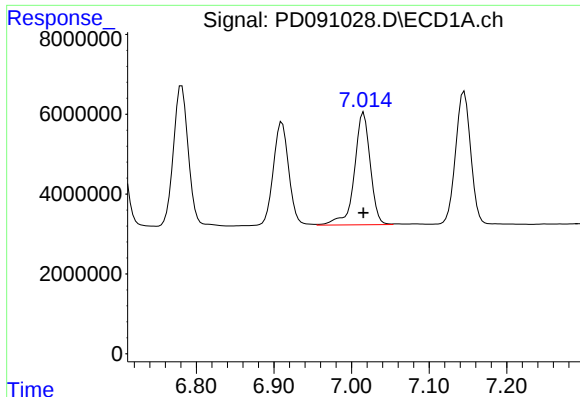
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 39207202
Conc: 9.67 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 420107140
Conc: 11.53 ng/ml



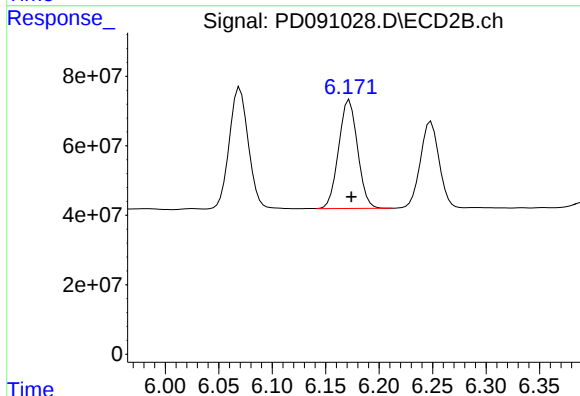
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 39988011
Conc: 9.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170447BS

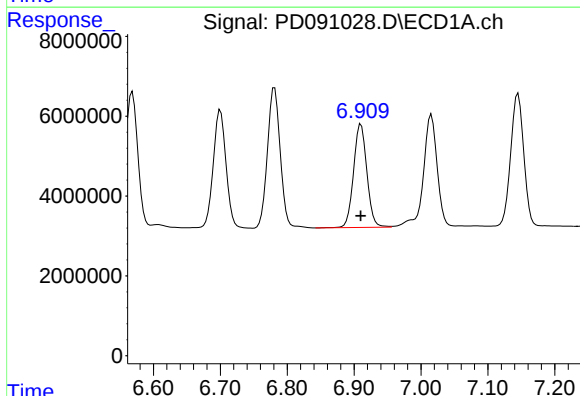
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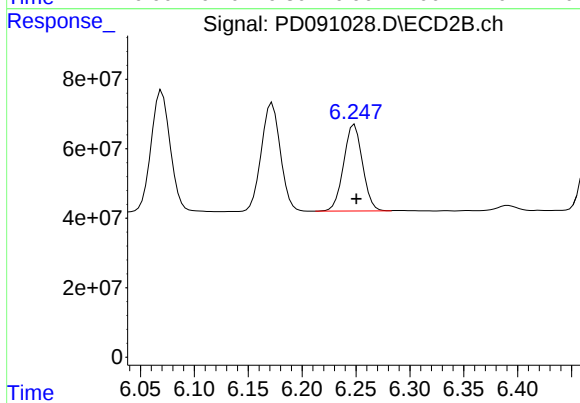
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 385834971
Conc: 11.00 ng/ml



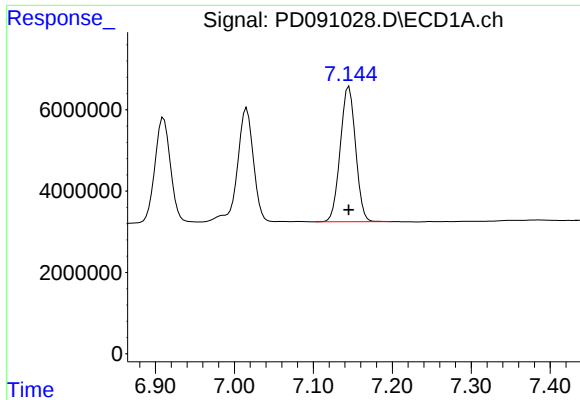
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 35912422
Conc: 9.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 304553599
Conc: 11.00 ng/ml



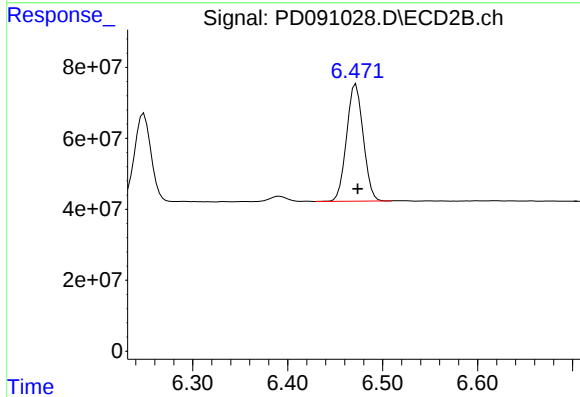
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 44775199
Conc: 9.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170447BS

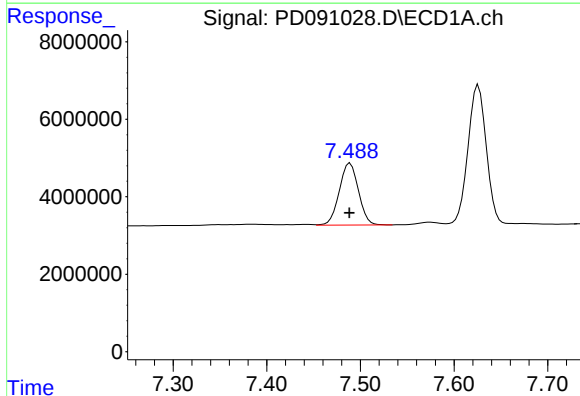
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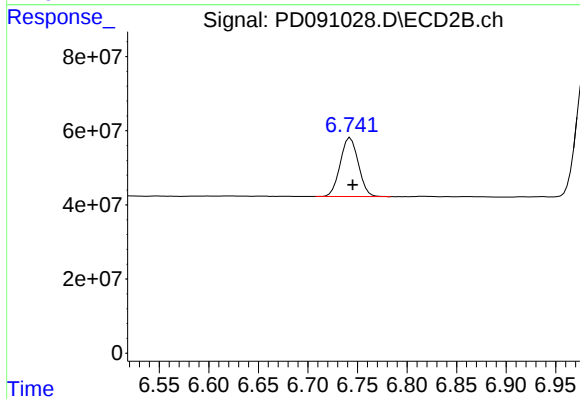
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 402341048
Conc: 11.22 ng/ml



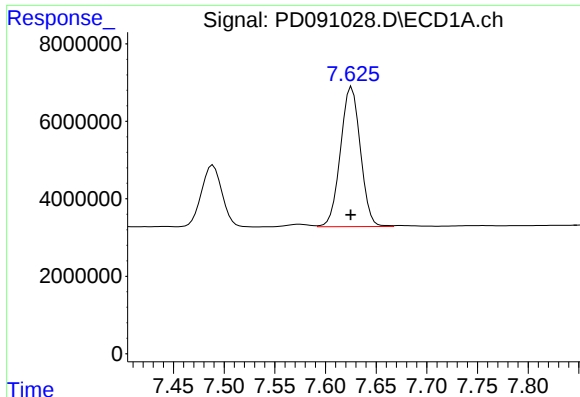
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 22750603
Conc: 10.70 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 201996362
Conc: 11.59 ng/ml



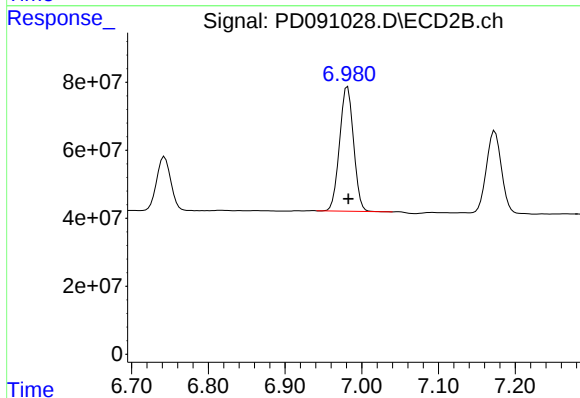
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.001 min
Response: 49209304
Conc: 10.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170447BS

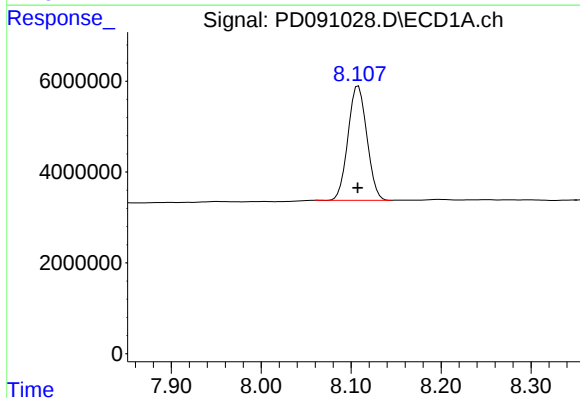
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025



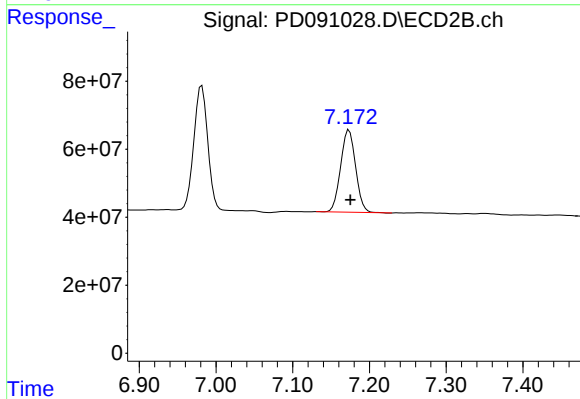
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.001 min
Response: 463771413
Conc: 12.30 ng/ml



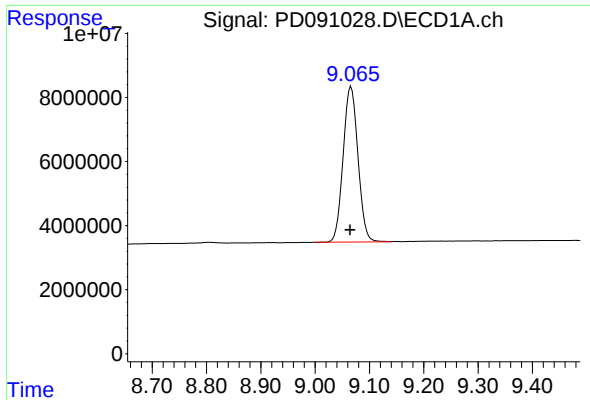
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 36694315
Conc: 11.46 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 328537540
Conc: 12.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 92223201
Conc: 19.71 ng/ml

Instrument :

ECD_D

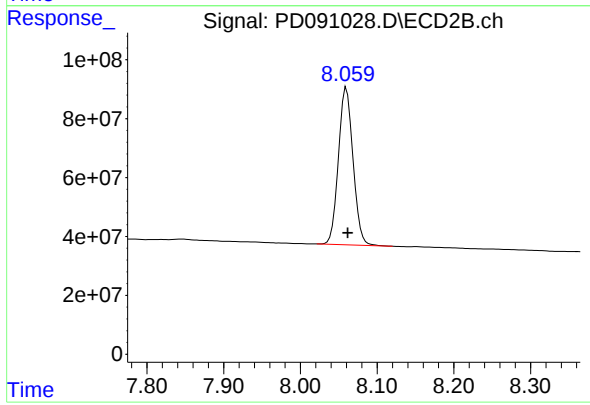
ClientSampleId :

PB170447BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 706292668
Conc: 23.32 ng/ml