

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121225\
 Data File : PD091575.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2025 12:22
 Operator : AR\AJ
 Sample : PB170899BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170899BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/15/2025
 Supervised By :Yogesh Patel 12/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 02:48:19 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	2.870	63698886	827.1E6	18.340	20.991
28)	SA Decachlor...	9.059	8.055	97115779	944.5E6	18.683	22.809
Target Compounds							
2)	A alpha-BHC	3.989	3.381	350.8E6	3401.5E6	43.576	49.895
3)	MA gamma-BHC...	4.320	3.718	331.9E6	3147.0E6	44.158	55.967 #
4)	MA Heptachlor	4.917	4.069	330.8E6	3079.3E6	46.601	52.832
5)	MB Aldrin	5.259	4.353	322.8E6	3079.3E6	46.398	53.103m
6)	B beta-BHC	4.508	4.014	126.4E6	1276.0E6	43.775	53.257
7)	B delta-BHC	4.756	4.250	335.6E6	3134.7E6	56.105	52.344
8)	B Heptachlo...	5.679	4.858	300.4E6	2760.3E6	48.508	54.554
9)	A Endosulfan I	6.062	5.232	276.5E6	2288.4E6	45.255	46.713
10)	B gamma-Chl...	5.934	5.109	291.4E6	3040.4E6	45.692	54.468m
11)	B alpha-Chl...	6.015	5.175	293.8E6	2925.7E6	43.743	54.634
12)	B 4,4'-DDE	6.185	5.358	255.4E6	2939.4E6	43.962	53.632m
13)	MA Dieldrin	6.335	5.497	293.9E6	2998.2E6	45.172	54.057
14)	MA Endrin	6.563	5.774	251.2E6	3108.0E6	44.798	59.452m#
15)	B Endosulfa...	6.776	6.065	252.7E6	2589.9E6	41.562	54.971m#
16)	A 4,4'-DDD	6.696	5.914	216.2E6	2502.2E6	46.964	55.008
17)	MA 4,4'-DDT	7.011	6.168	223.4E6	2553.3E6	43.325	53.868
18)	B Endrin al...	6.905	6.244	190.5E6	1934.8E6	45.594	54.210
19)	B Endosulfa...	7.140	6.468	230.9E6	2461.9E6	43.730	53.412
20)	A Methoxychlor	7.484	6.738	125.9E6	1229.0E6	46.843	52.082
21)	B Endrin ke...	7.620	6.975	251.5E6	2564.2E6	44.638	52.714m
22)	Mirex	8.102	7.169	159.2E6	1739.3E6	42.849	53.069

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121225\
Data File : PD091575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Dec 2025 12:22
Operator : AR\AJ
Sample : PB170899BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170899BS

Manual Integrations

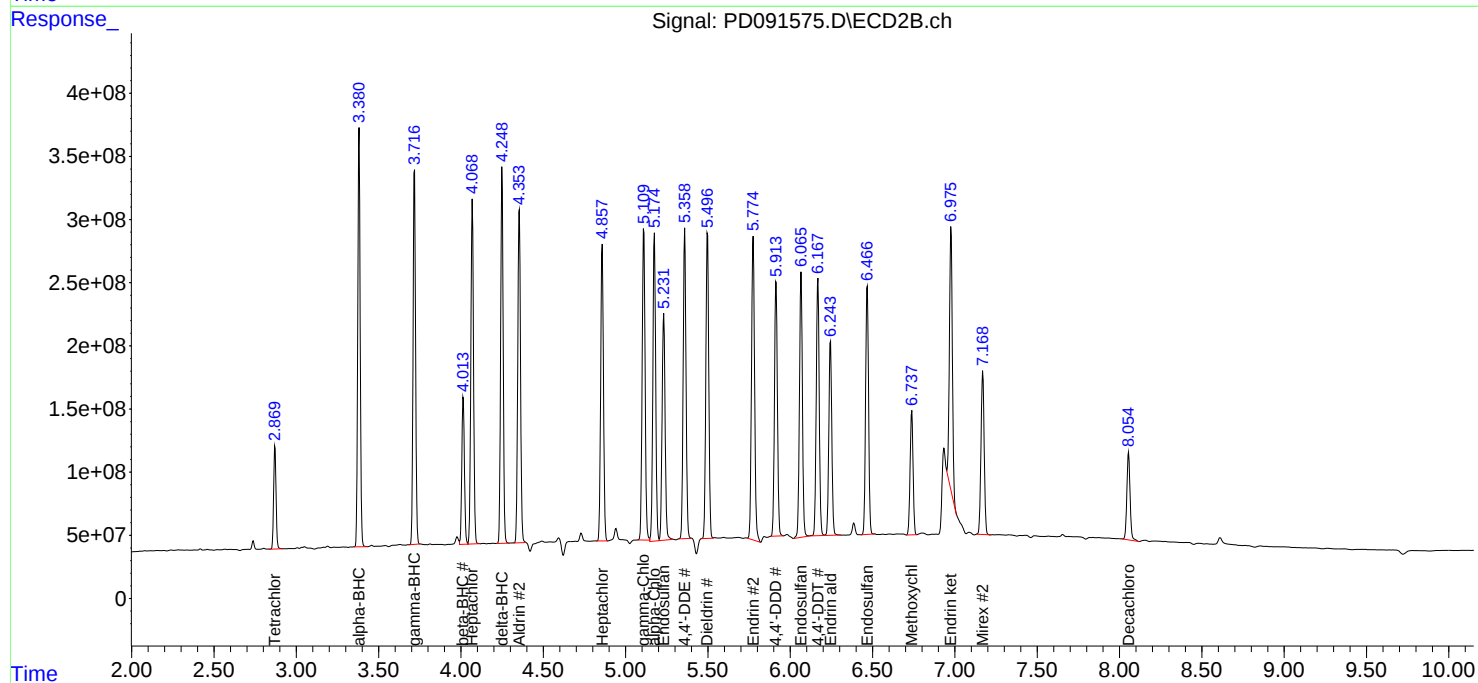
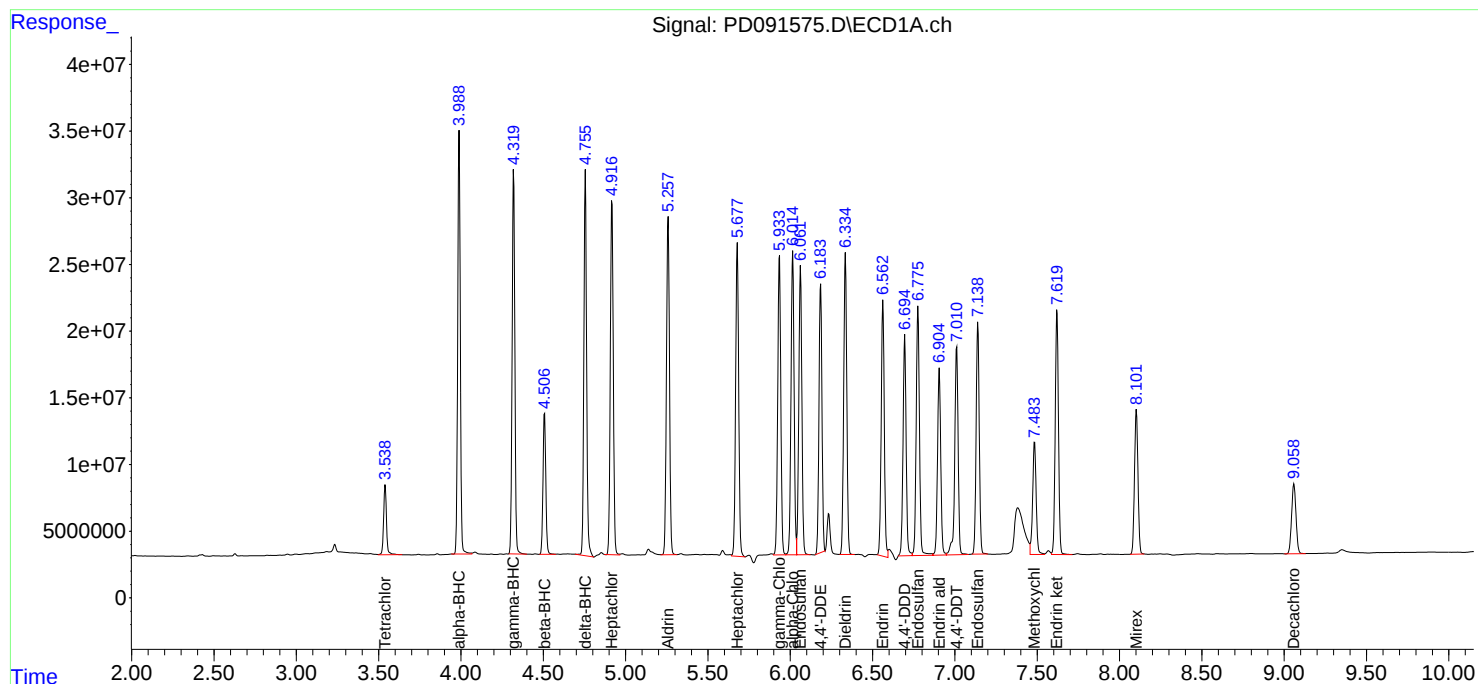
APPROVED

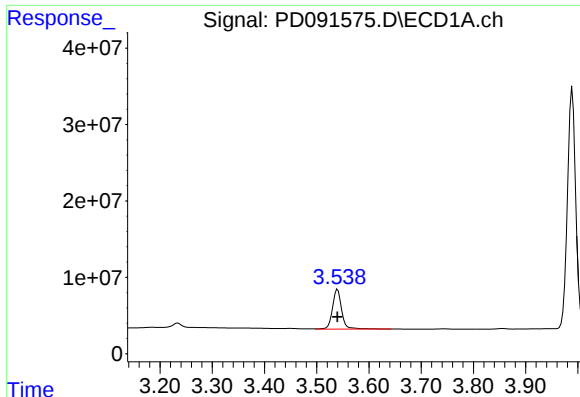
Reviewed By :Abdul Mirza 12/15/2025

Supervised By :Yogesh Patel 12/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 02:48:19 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: 63698886
Conc: 18.34 ng/ml

Instrument :

ECD_D

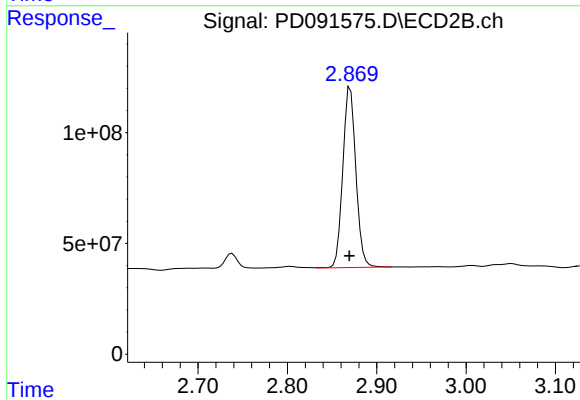
ClientSampleId :

PB170899BS

Manual Integrations

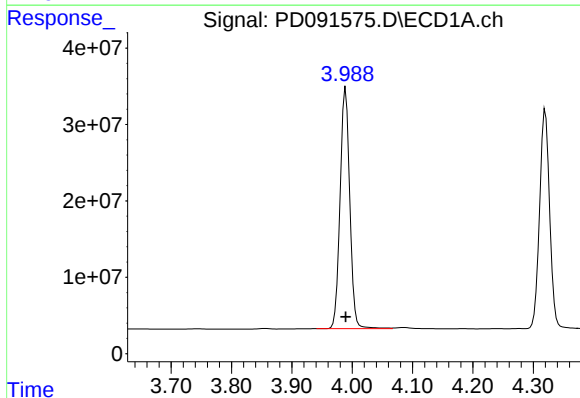
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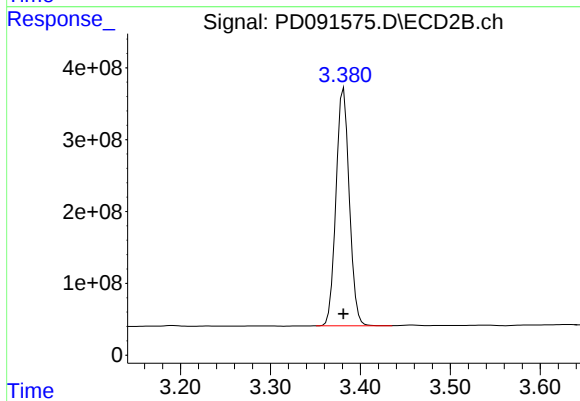
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 827124122
Conc: 20.99 ng/ml



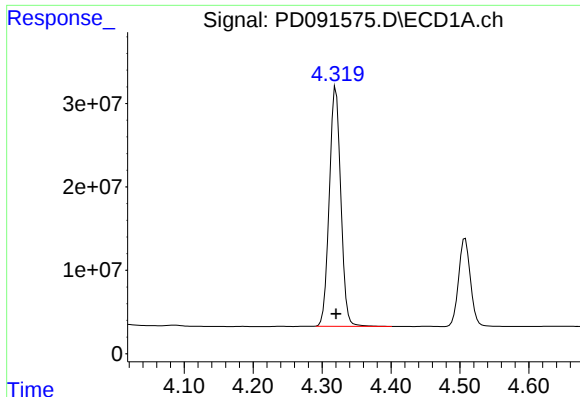
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 350830050
Conc: 43.58 ng/ml



#2 alpha-BHC

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 3401508589
Conc: 49.89 ng/ml



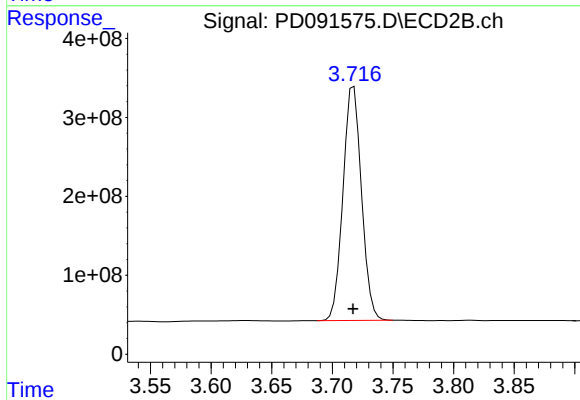
#3 gamma-BHC (Lindane)

R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 331879164
Conc: 44.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

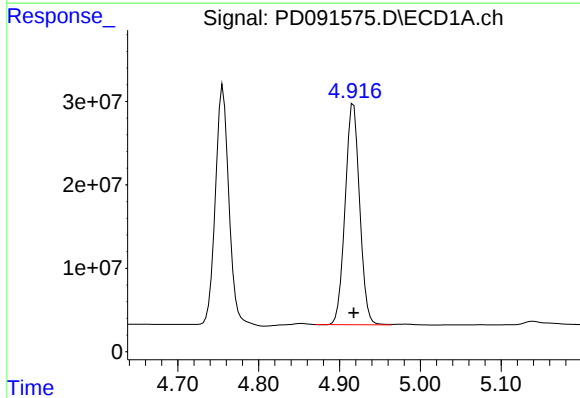
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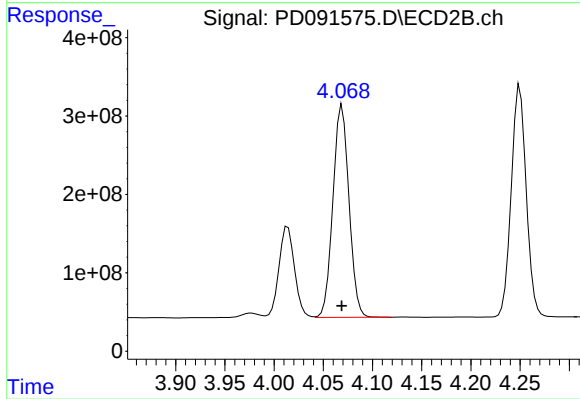
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 3147004424
Conc: 55.97 ng/ml



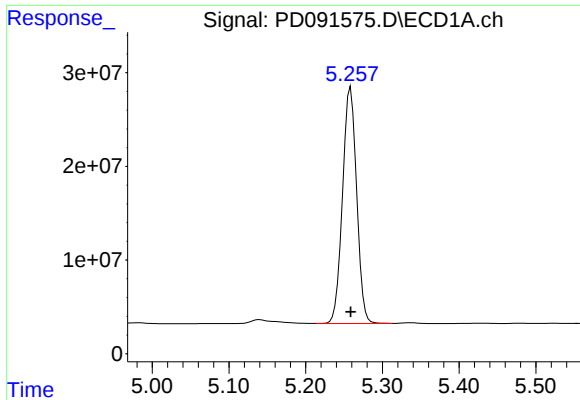
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 330815373
Conc: 46.60 ng/ml



#4 Heptachlor

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 3079263090
Conc: 52.83 ng/ml



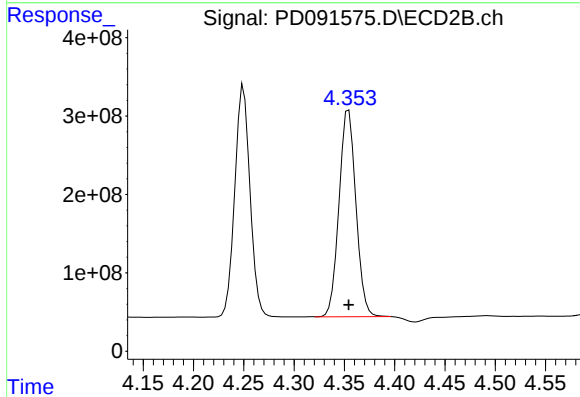
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 322826734
Conc: 46.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

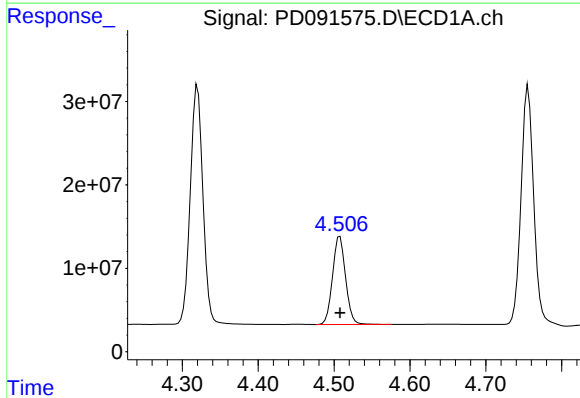
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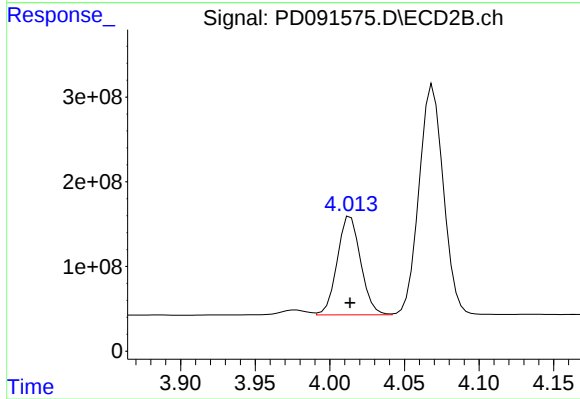
#5 Aldrin

R.T.: 4.353 min
Delta R.T.: -0.001 min
Response: 3079267392
Conc: 53.10 ng/ml m



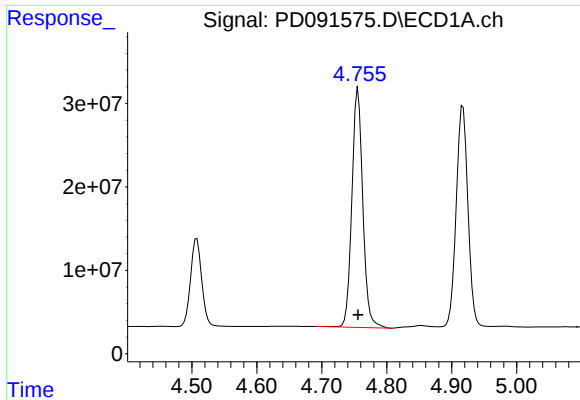
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 126380956
Conc: 43.77 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1275979550
Conc: 53.26 ng/ml



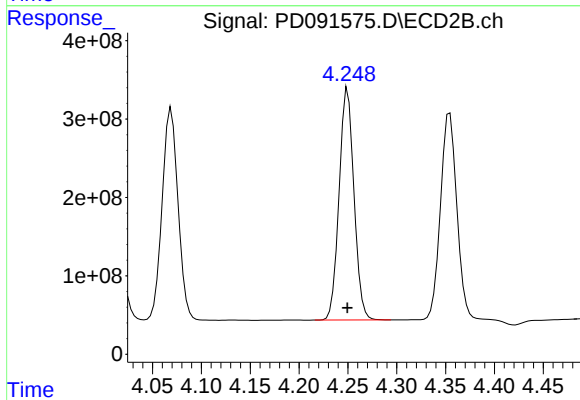
#7 delta-BHC

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 335635390
Conc: 56.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

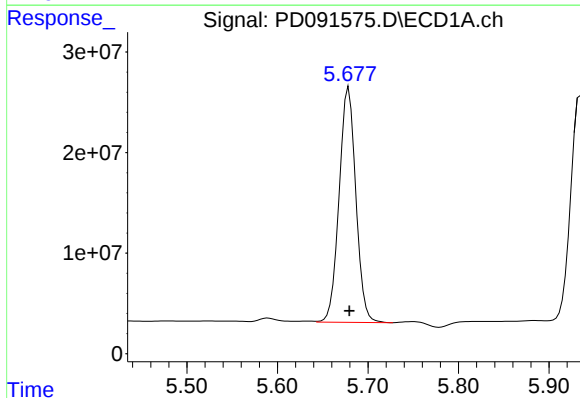
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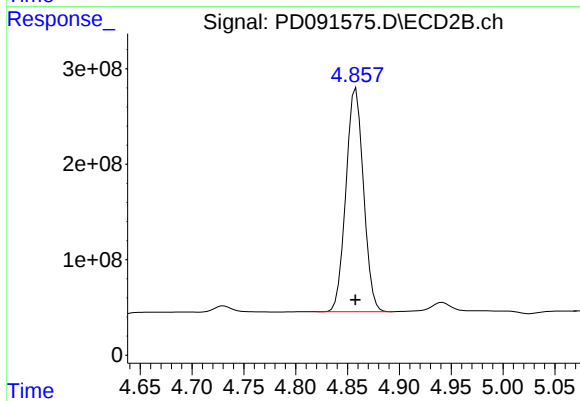
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 3134716926
Conc: 52.34 ng/ml



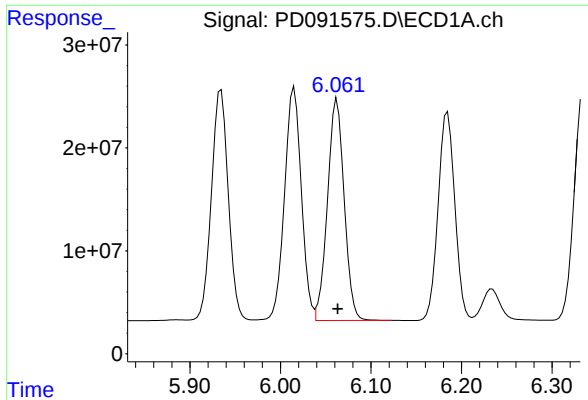
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 300377073
Conc: 48.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 2760253866
Conc: 54.55 ng/ml



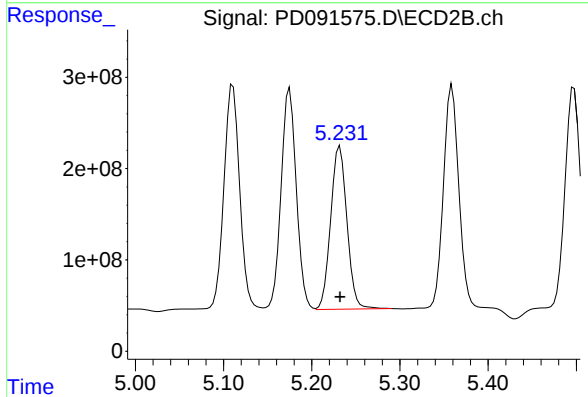
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 276501383
Conc: 45.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

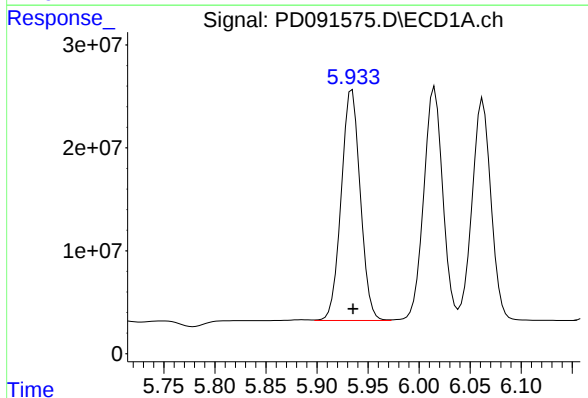
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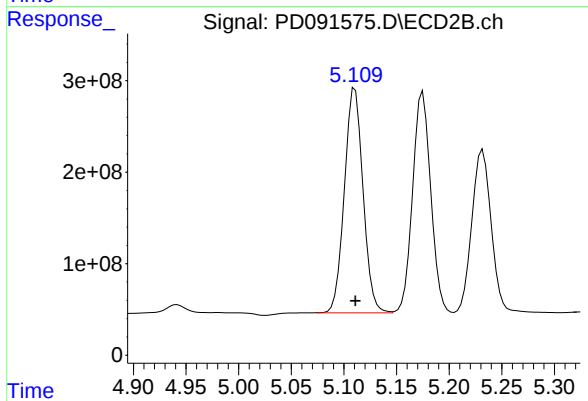
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 2288409632
Conc: 46.71 ng/ml



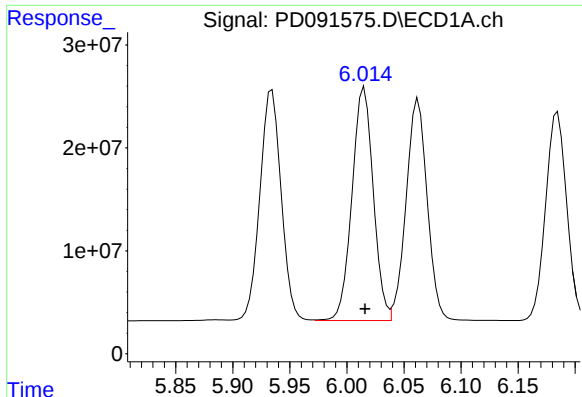
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 291378237
Conc: 45.69 ng/ml



#10 gamma-Chlordane

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 3040431810
Conc: 54.47 ng/ml m



#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 293788604
Conc: 43.74 ng/ml

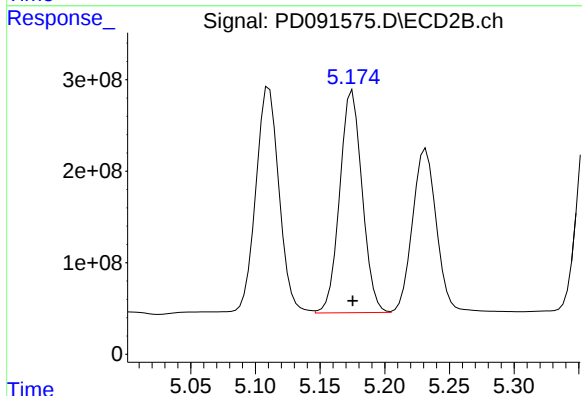
Instrument :

ECD_D

ClientSampleId :
PB170899BS

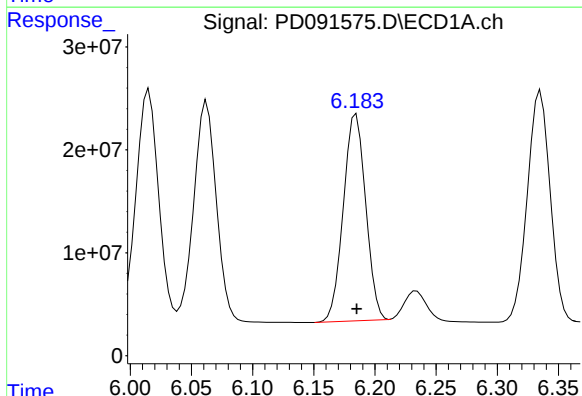
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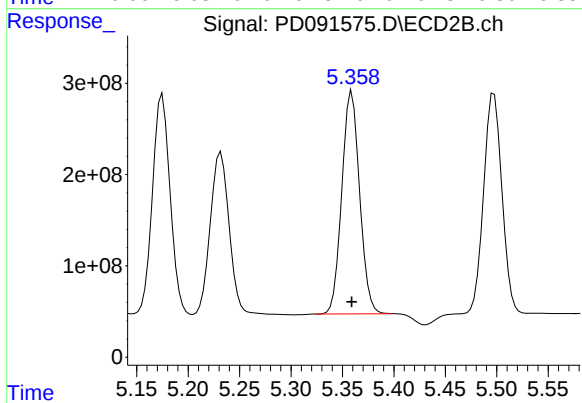
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 2925707899
Conc: 54.63 ng/ml



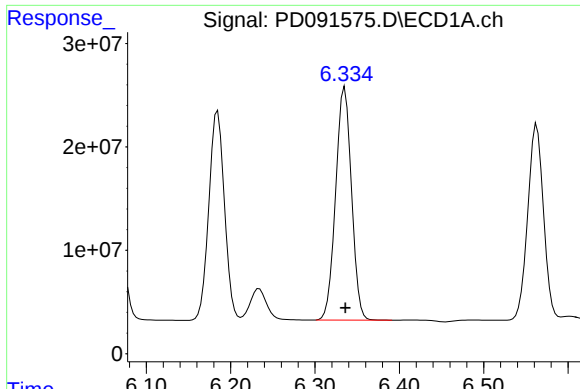
#12 4,4'-DDE

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 255390109
Conc: 43.96 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.001 min
Response: 2939418607
Conc: 53.63 ng/ml m



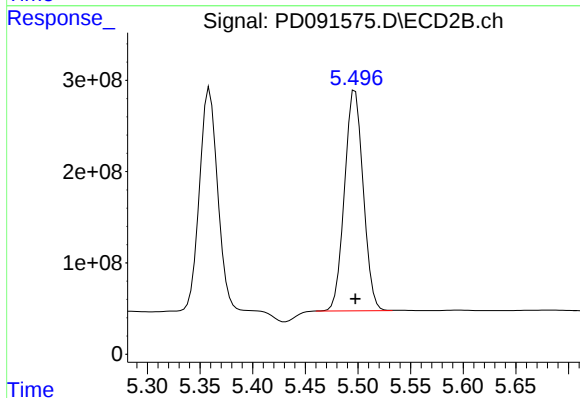
#13 Dieldrin

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 293924637
Conc: 45.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

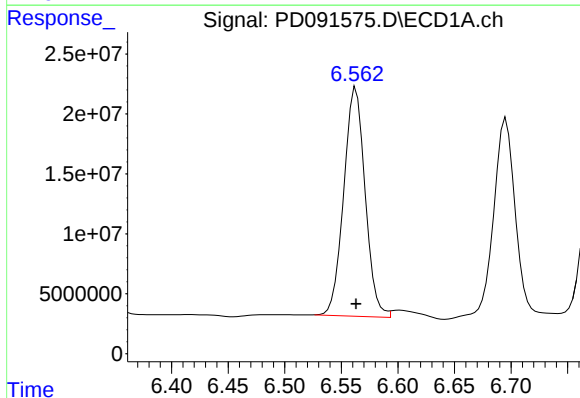
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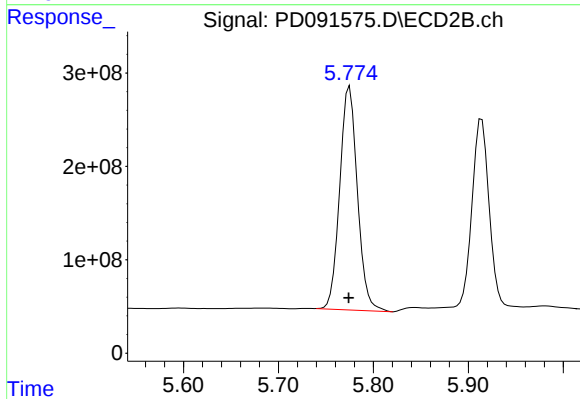
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 2998233195
Conc: 54.06 ng/ml



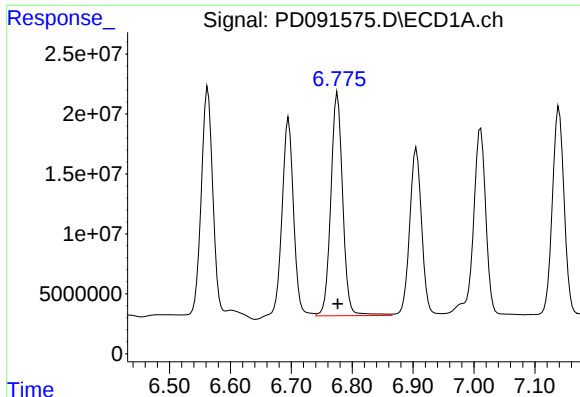
#14 Endrin

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 251238287
Conc: 44.80 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 3108027093
Conc: 59.45 ng/ml m



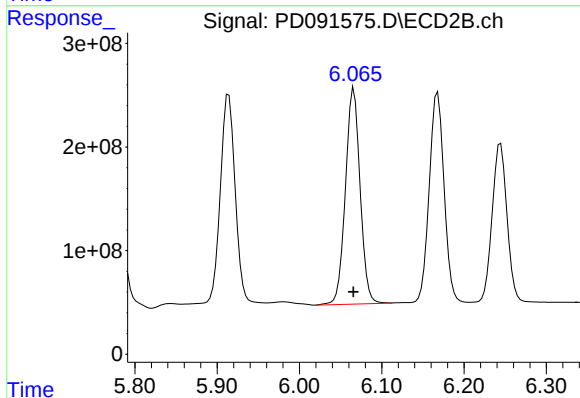
#15 Endosulfan II

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 252728035
Conc: 41.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

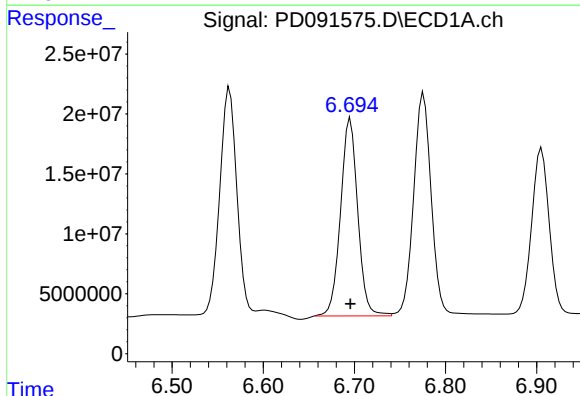
Manual Integrations
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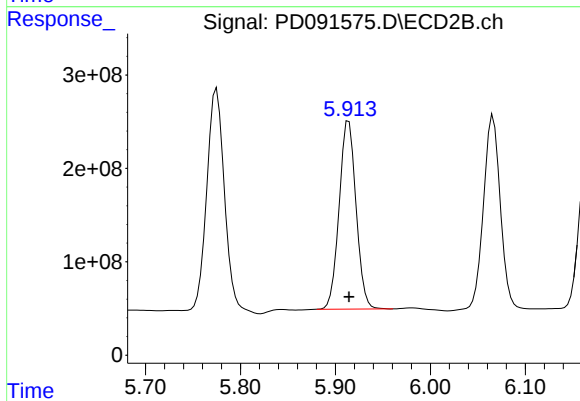
#15 Endosulfan II

R.T.: 6.065 min
Delta R.T.: -0.001 min
Response: 2589915155
Conc: 54.97 ng/ml m



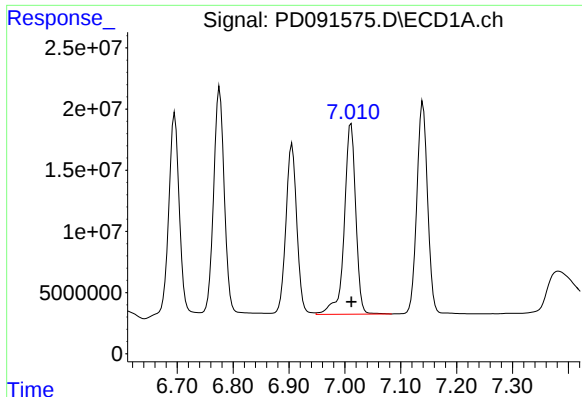
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 216165534
Conc: 46.96 ng/ml



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 2502194381
Conc: 55.01 ng/ml



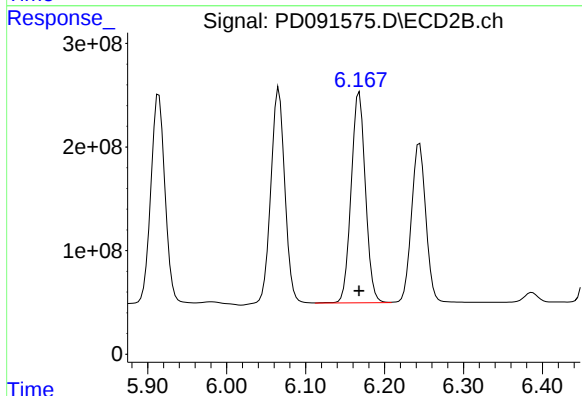
#17 4,4'-DDT

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 223406167
Conc: 43.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

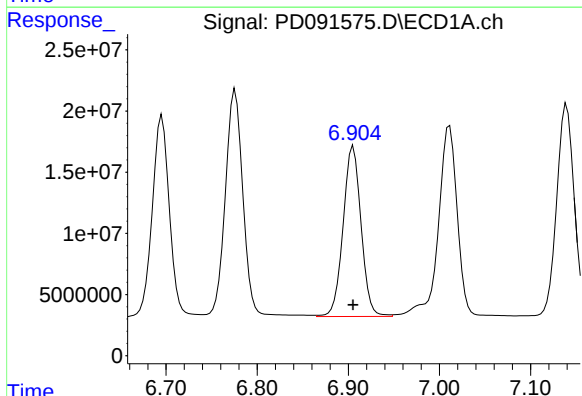
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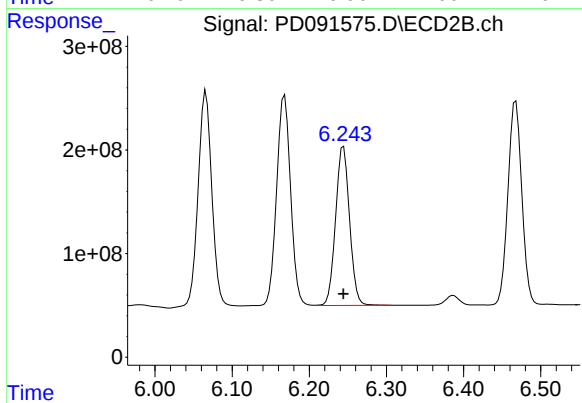
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 2553263836
Conc: 53.87 ng/ml



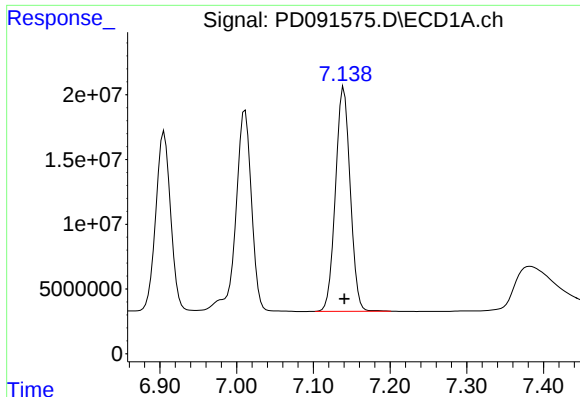
#18 Endrin aldehyde

R.T.: 6.905 min
Delta R.T.: 0.000 min
Response: 190461478
Conc: 45.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 1934817257
Conc: 54.21 ng/ml



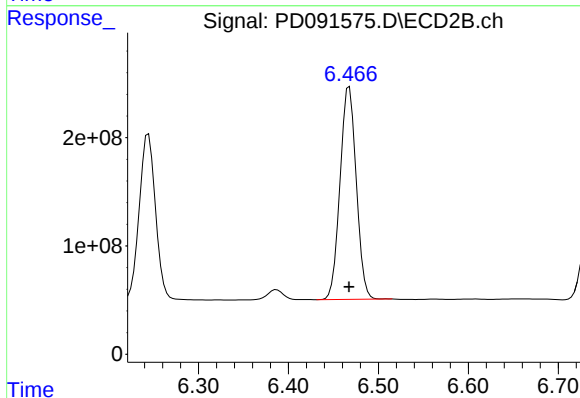
#19 Endosulfan Sulfate

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 230863084
Conc: 43.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

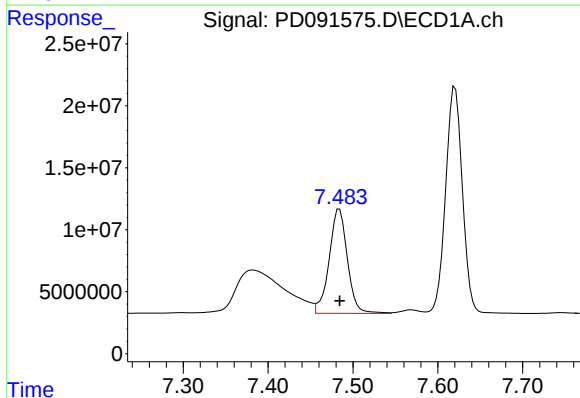
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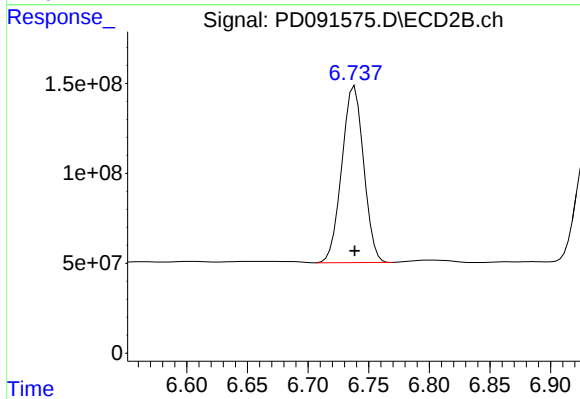
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 2461937630
Conc: 53.41 ng/ml



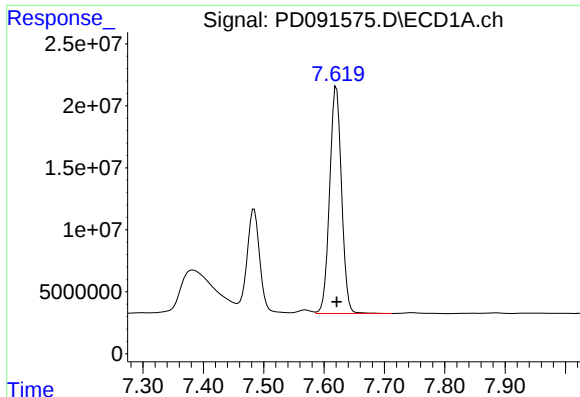
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 125914084
Conc: 46.84 ng/ml



#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 1229039517
Conc: 52.08 ng/ml



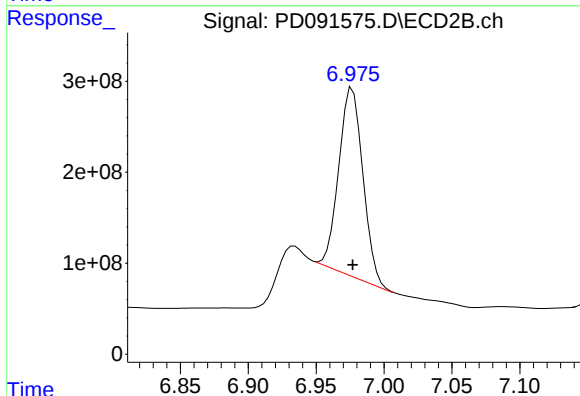
#21 Endrin ketone

R.T.: 7.620 min
Delta R.T.: 0.000 min
Response: 251485358
Conc: 44.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

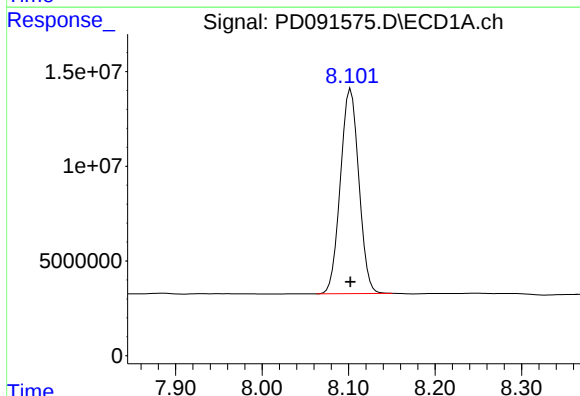
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2025
Supervised By :Yogesh Patel 12/15/2025



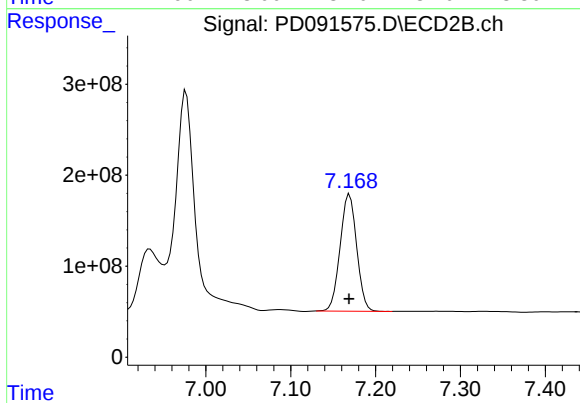
#21 Endrin ketone

R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 2564177511
Conc: 52.71 ng/ml m



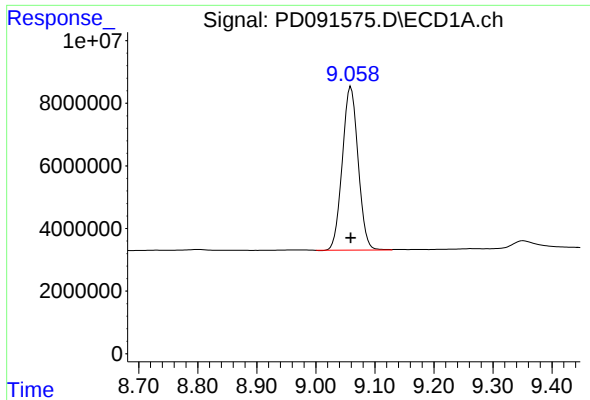
#22 Mirex

R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 159206137
Conc: 42.85 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 1739342488
Conc: 53.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.000 min
Response: 97115779
Conc: 18.68 ng/ml

Instrument :

ECD_D

ClientSampleId :

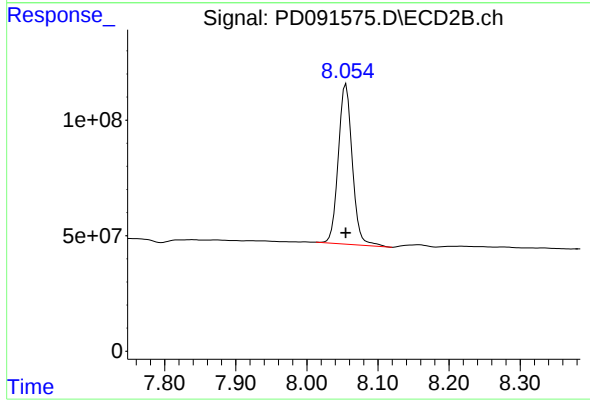
PB170899BS

Manual Integrations

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Supervised By :Yogesh Patel 12/15/2025



#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 944518081
Conc: 22.81 ng/ml