

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092525\
 Data File : PD090394.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2025 16:12
 Operator : AR\AJ
 Sample : PB169826BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB169826BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/26/2025
 Supervised By : Sohil Jodhani 09/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 05:44:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.550	2.876	75641797	673.8E6	23.271	24.547
28)	SA Decachlor...	9.075	8.066	120.7E6	821.6E6	25.018	25.346
Target Compounds							
2)	A alpha-BHC	4.000	3.388	316.0E6	1996.6E6	45.240	45.603
3)	MA gamma-BHC...	4.331	3.725	296.6E6	1858.7E6	44.819	45.628
4)	MA Heptachlor	4.929	4.077	297.0E6	1832.2E6	44.915	44.998
5)	MB Aldrin	5.271	4.363	286.7E6	1823.7E6	45.144	45.666
6)	B beta-BHC	4.518	4.021	112.8E6	779.3E6	43.719	44.954
7)	B delta-BHC	4.765	4.257	289.7E6	1847.6E6	44.863m	44.741
8)	B Heptachlo...	5.691	4.867	256.2E6	1647.5E6	44.822	44.689
9)	A Endosulfan I	6.074	5.241	243.5E6	1577.0E6	45.082	45.570
10)	B gamma-Chl...	5.946	5.119	259.4E6	1788.1E6	45.415	45.514
11)	B alpha-Chl...	6.027	5.184	258.1E6	1713.3E6	44.806	45.487
12)	B 4,4'-DDE	6.196	5.368	234.8E6	1750.1E6	45.097	45.720
13)	MA Dieldrin	6.347	5.507	260.3E6	1774.2E6	45.148	45.556
14)	MA Endrin	6.575	5.783	225.2E6	1637.0E6	46.006	45.686
15)	B Endosulfa...	6.787	6.074	223.0E6	1544.5E6	45.707	45.762
16)	A 4,4'-DDD	6.707	5.923	186.7E6	1488.5E6	45.557	45.902
17)	MA 4,4'-DDT	7.022	6.177	212.6E6	1651.9E6	47.741	48.048
18)	B Endrin al...	6.916	6.253	164.2E6	1143.6E6	47.858	48.567
19)	B Endosulfa...	7.151	6.477	203.6E6	1463.6E6	44.254	44.772
20)	A Methoxychlor	7.495	6.748	117.6E6	885.4E6	49.915	50.884
21)	B Endrin ke...	7.632	6.986	221.1E6	1628.1E6	44.699	45.097
22)	Mirex	8.115	7.179	157.2E6	1188.8E6	42.439	43.064

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

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Data File : PD090394.D
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Acq On : 25 Sep 2025 16:12
Operator : AR\AJ
Sample : PB169826BS
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Instrument :

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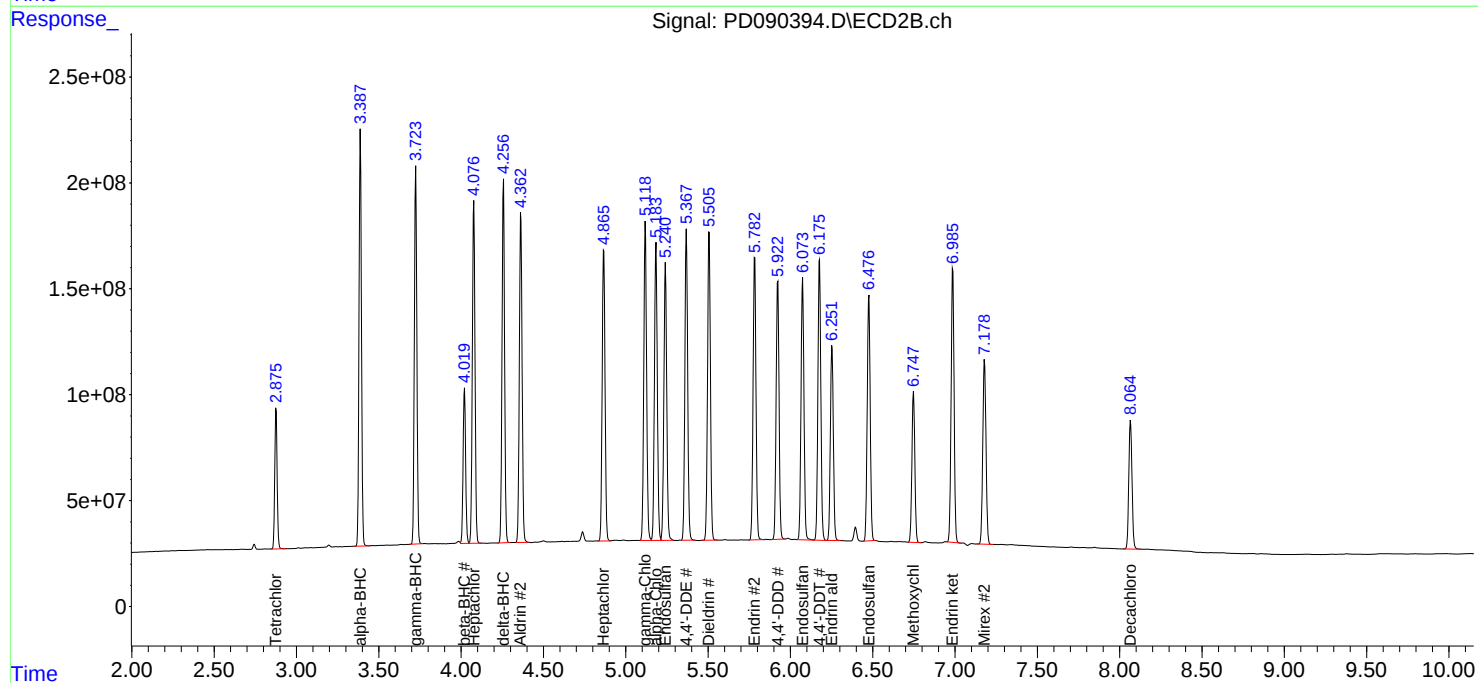
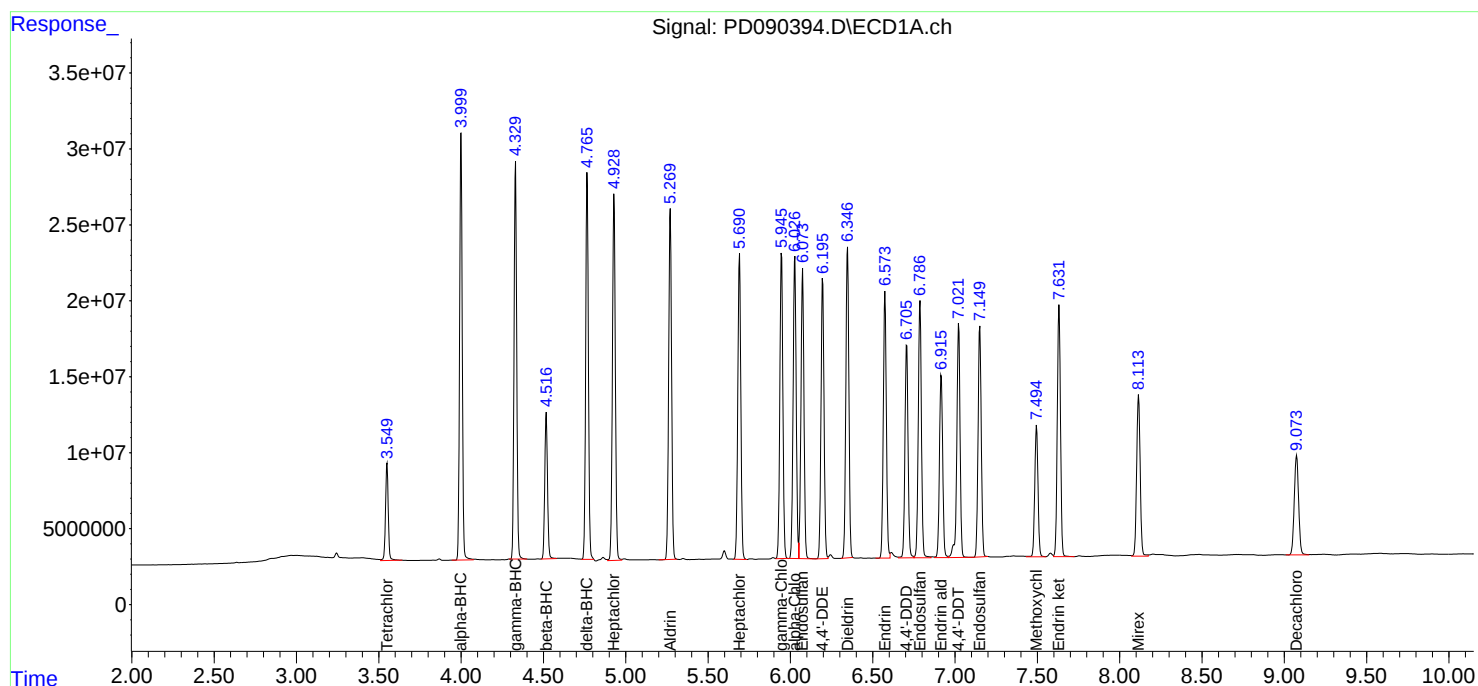
Manual Integrations

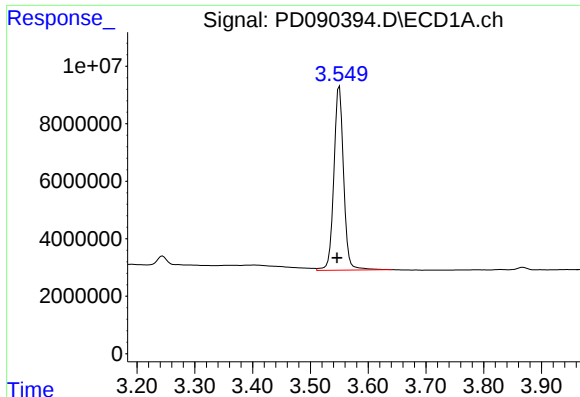
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Supervised By :Sohil Jodhani 09/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 05:44:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





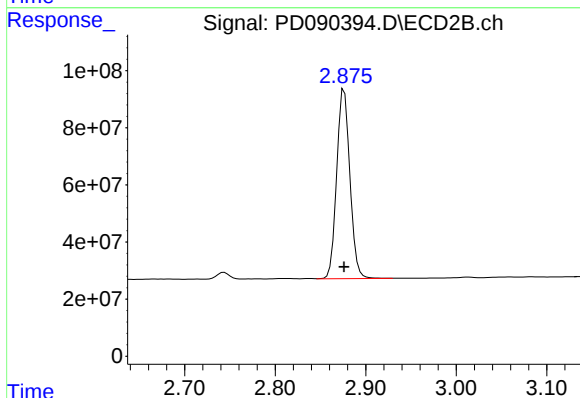
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.004 min
Response: 75641797
Conc: 23.27 ng/ml

Instrument :
ECD_D
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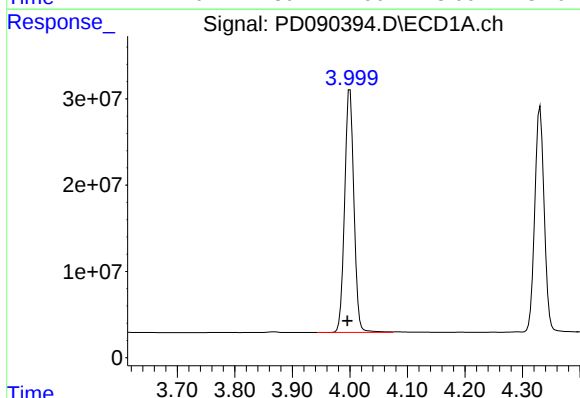
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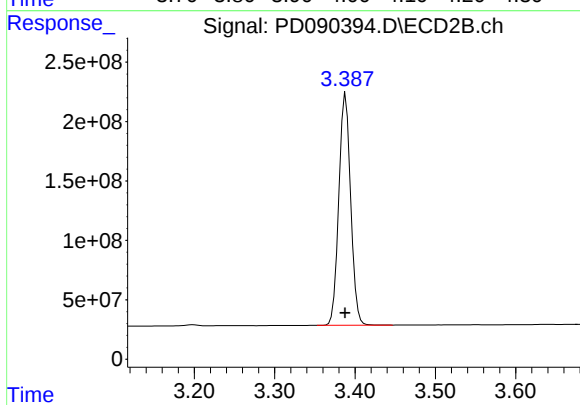
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 673825161
Conc: 24.55 ng/ml



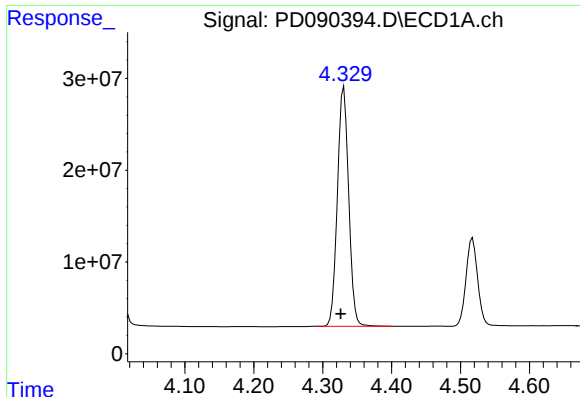
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.005 min
Response: 315979558
Conc: 45.24 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 1996643244
Conc: 45.60 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.005 min
Response: 296564006
Conc: 44.82 ng/ml

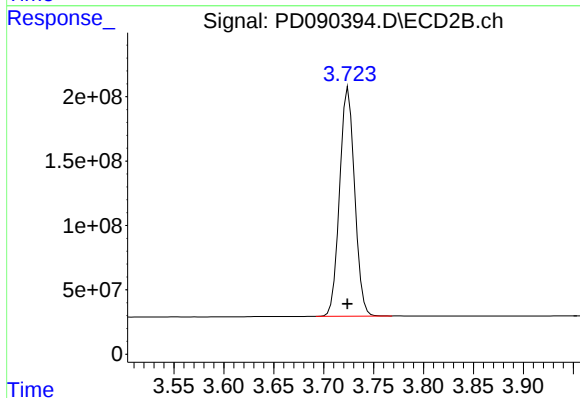
Instrument :

ECD_D

ClientSampleId :
PB169826BS

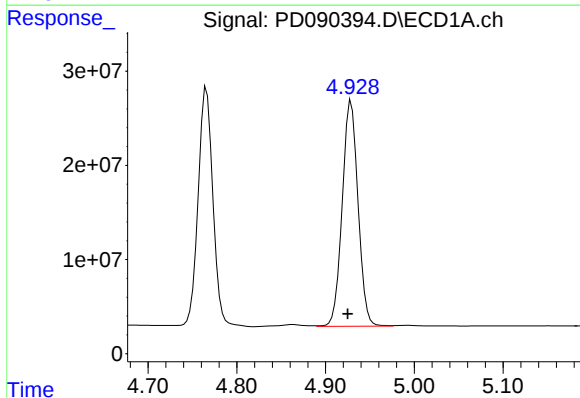
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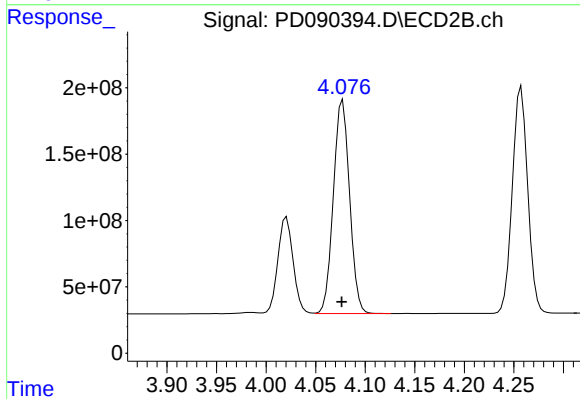
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 1858676932
Conc: 45.63 ng/ml



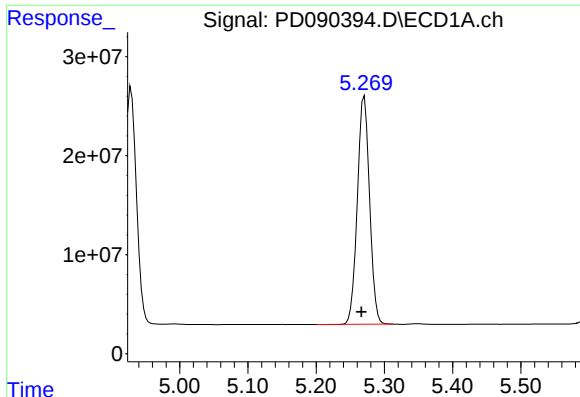
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.004 min
Response: 297002122
Conc: 44.91 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: 0.001 min
Response: 1832163624
Conc: 45.00 ng/ml



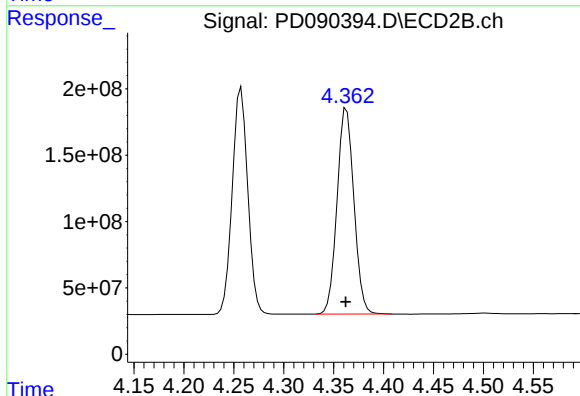
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.004 min
Response: 286663504
Conc: 45.14 ng/ml

Instrument :
ECD_D
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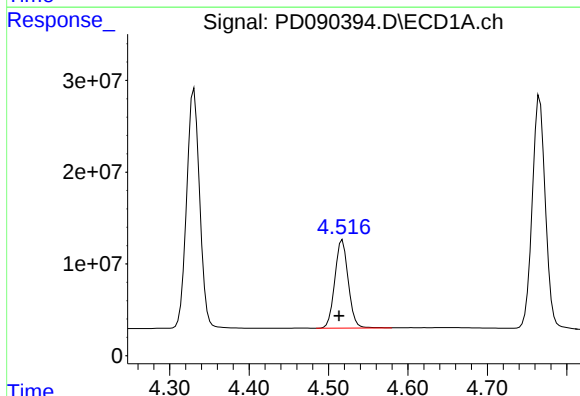
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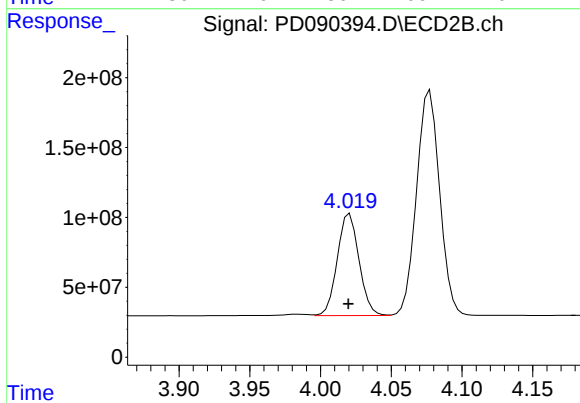
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 1823660890
Conc: 45.67 ng/ml



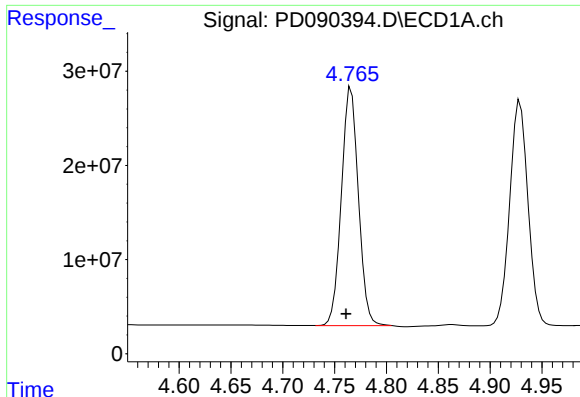
#6 beta-BHC

R.T.: 4.518 min
Delta R.T.: 0.004 min
Response: 112790767
Conc: 43.72 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 779283143
Conc: 44.95 ng/ml



#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.003 min
Response: 289705594
Conc: 44.86 ng/ml

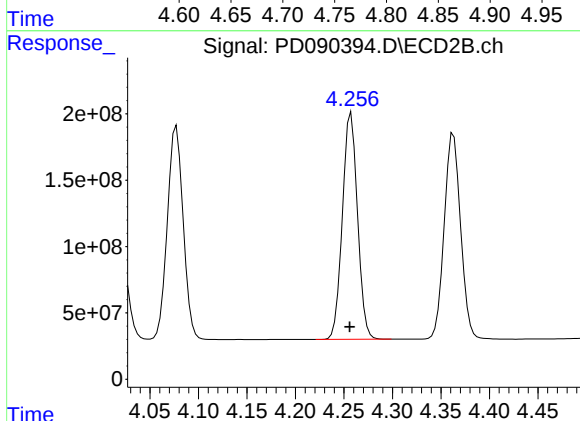
Instrument :

ECD_D

ClientSampleId :
PB169826BS

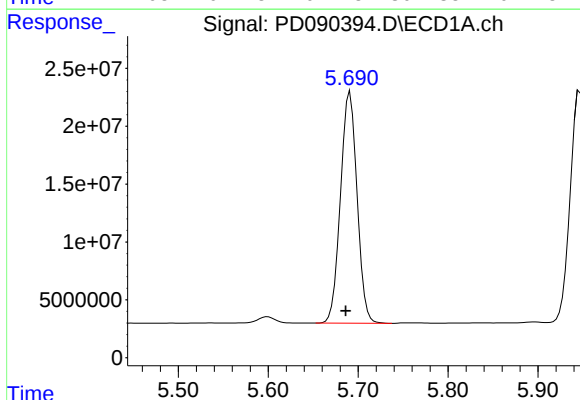
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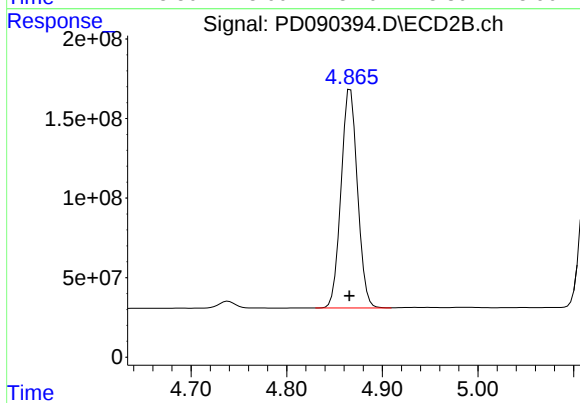
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.001 min
Response: 1847554285
Conc: 44.74 ng/ml



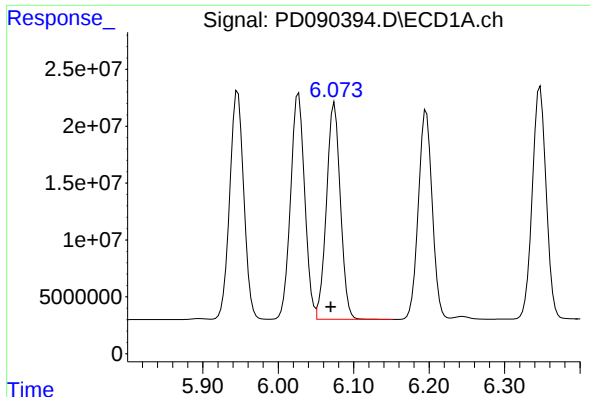
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.005 min
Response: 256154331
Conc: 44.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 1647465394
Conc: 44.69 ng/ml



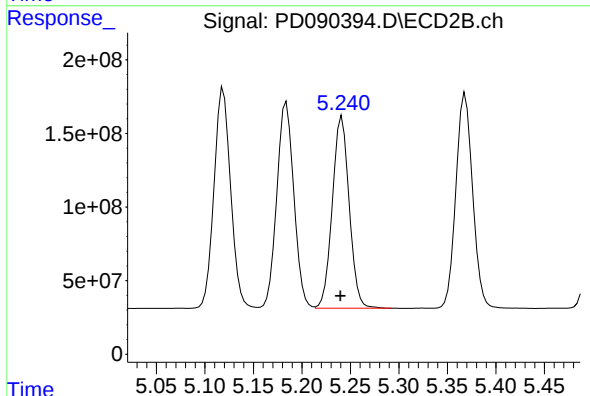
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.005 min
Response: 243506484
Conc: 45.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
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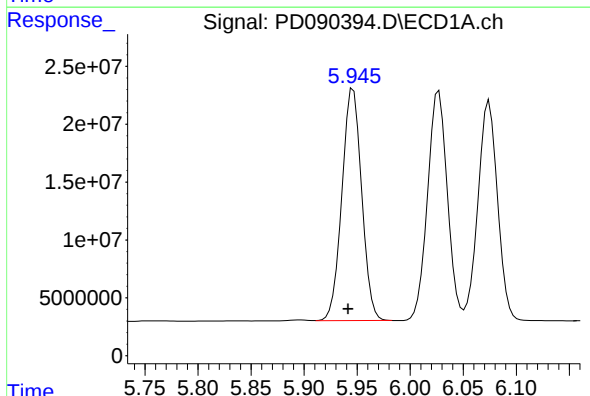
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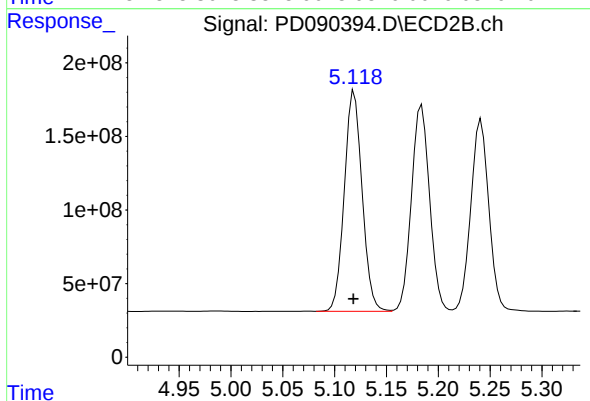
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.002 min
Response: 1576968626
Conc: 45.57 ng/ml



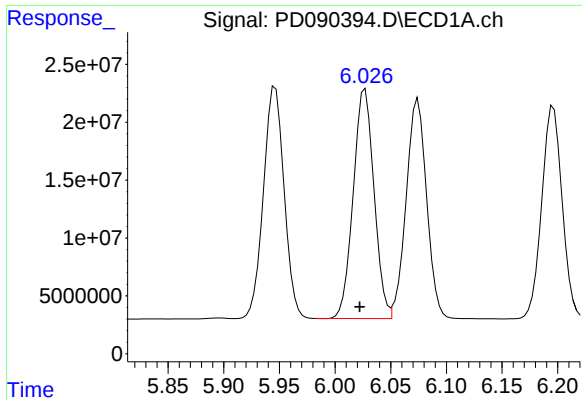
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.005 min
Response: 259410428
Conc: 45.42 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 1788067049
Conc: 45.51 ng/ml



#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.005 min
Response: 258117826
Conc: 44.81 ng/ml

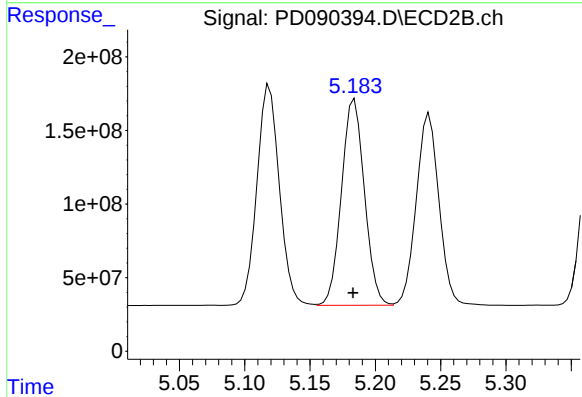
Instrument :

ECD_D

ClientSampleId :
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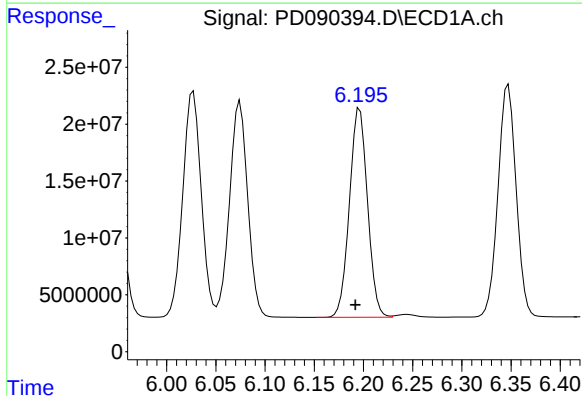
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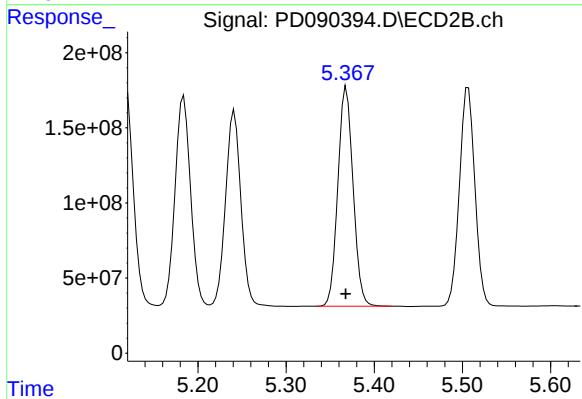
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: 0.001 min
Response: 1713295200
Conc: 45.49 ng/ml



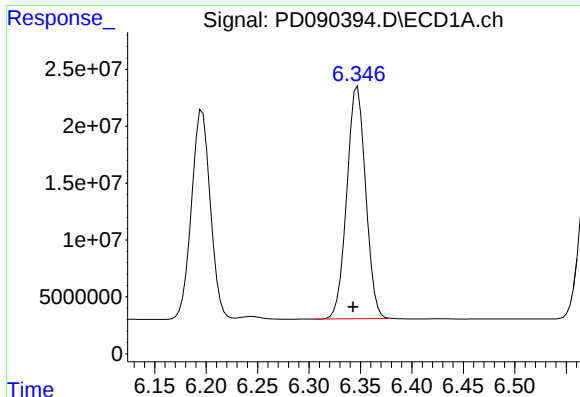
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.004 min
Response: 234843343
Conc: 45.10 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 1750118291
Conc: 45.72 ng/ml



#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.005 min
Response: 260265680
Conc: 45.15 ng/ml

Instrument :

ECD_D

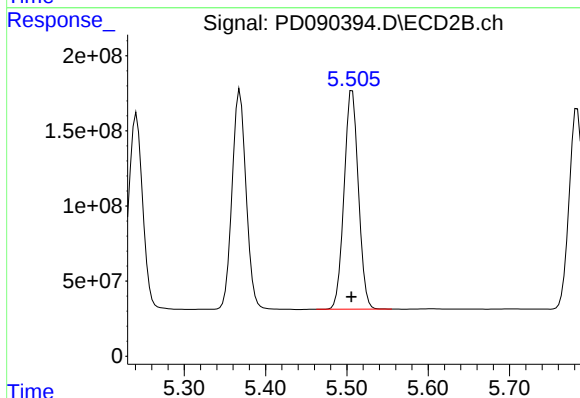
ClientSampleId :

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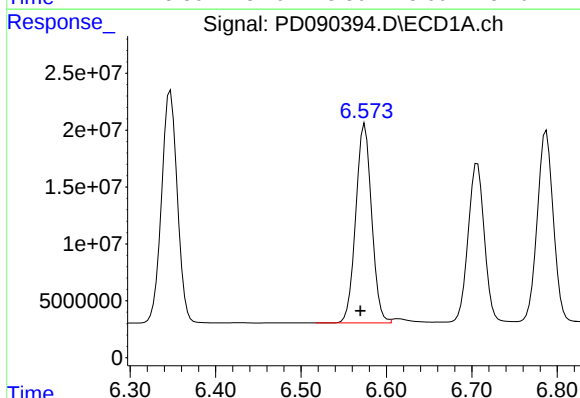
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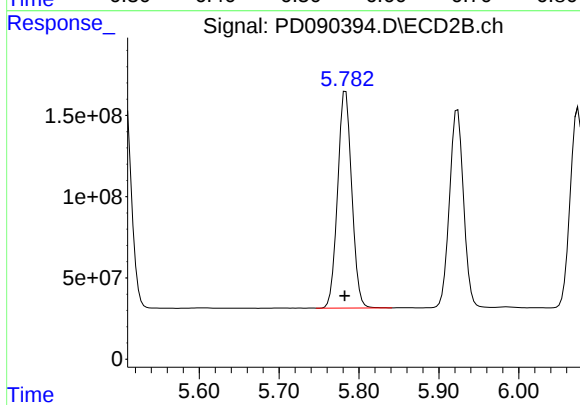
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 1774229417
Conc: 45.56 ng/ml



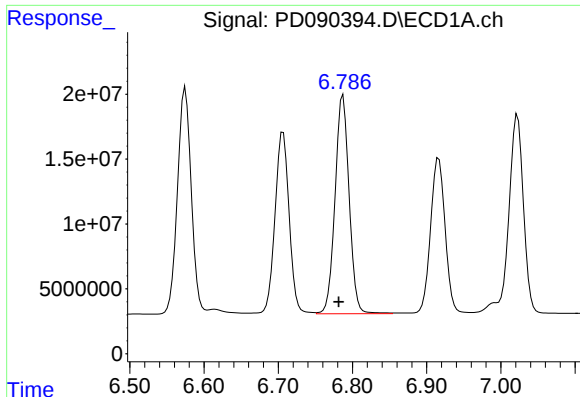
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.005 min
Response: 225152763
Conc: 46.01 ng/ml



#14 Endrin

R.T.: 5.783 min
Delta R.T.: 0.001 min
Response: 1637027898
Conc: 45.69 ng/ml



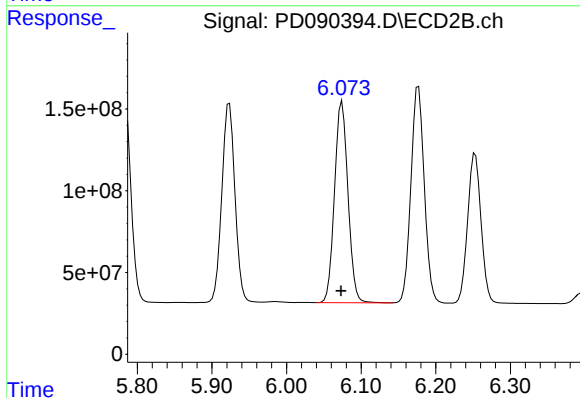
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.006 min
Response: 222952226
Conc: 45.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169826BS

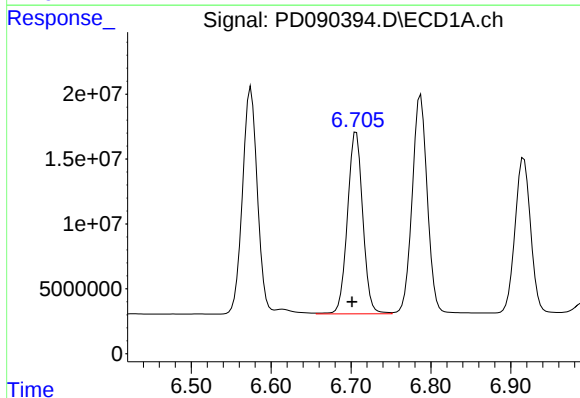
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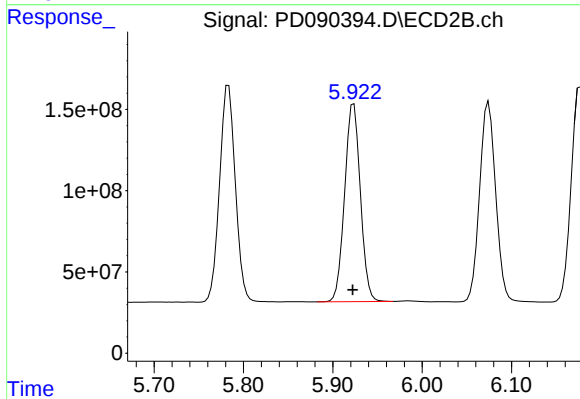
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: 0.001 min
Response: 1544507856
Conc: 45.76 ng/ml



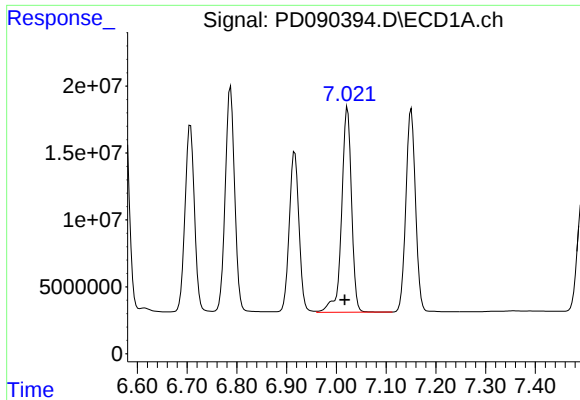
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.005 min
Response: 186684948
Conc: 45.56 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.001 min
Response: 1488486724
Conc: 45.90 ng/ml



#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.005 min
Response: 212566949
Conc: 47.74 ng/ml

Instrument :

ECD_D

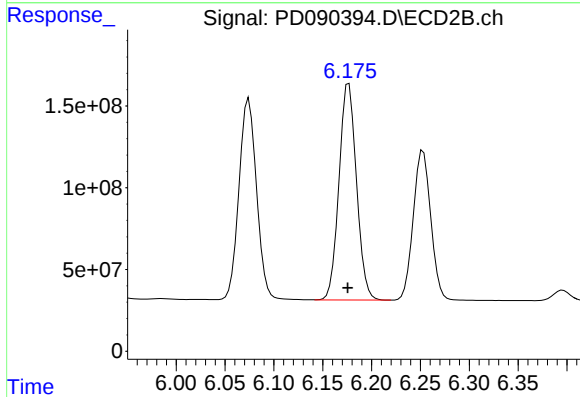
ClientSampleId :

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Manual Integrations

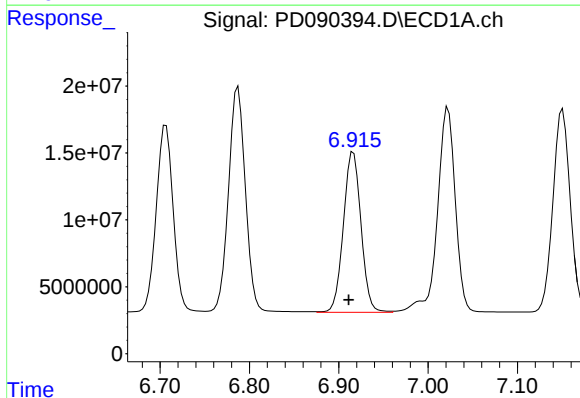
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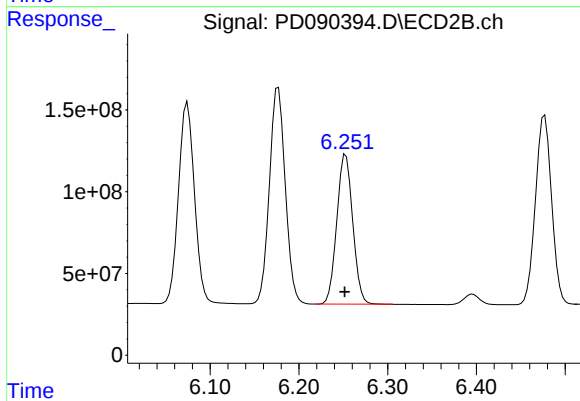
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.001 min
Response: 1651855737
Conc: 48.05 ng/ml



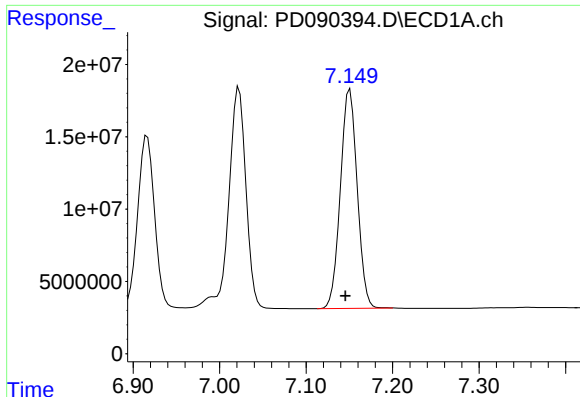
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.005 min
Response: 164181891
Conc: 47.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.001 min
Response: 1143593245
Conc: 48.57 ng/ml



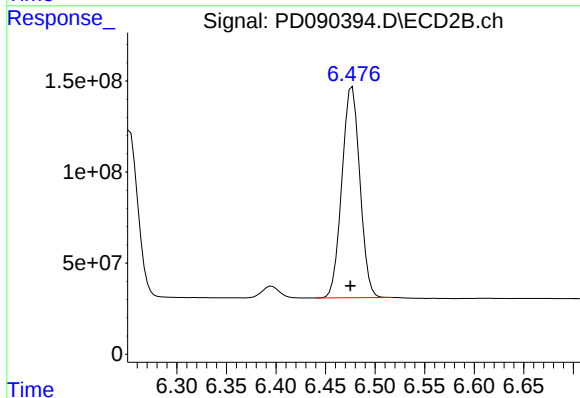
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.005 min
Response: 203584753
Conc: 44.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
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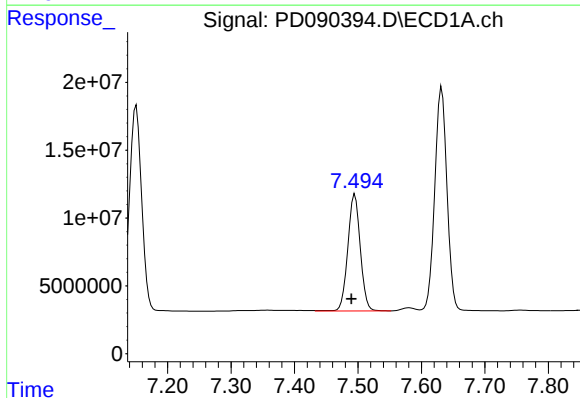
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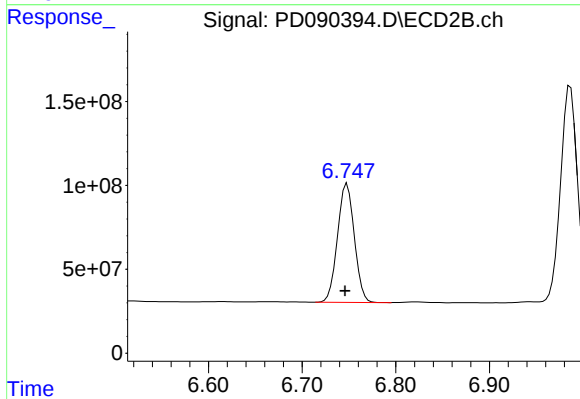
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.002 min
Response: 1463626397
Conc: 44.77 ng/ml



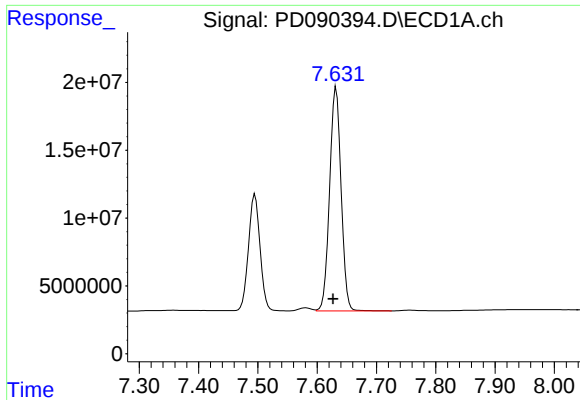
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.005 min
Response: 117625170
Conc: 49.91 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: 0.002 min
Response: 885408537
Conc: 50.88 ng/ml



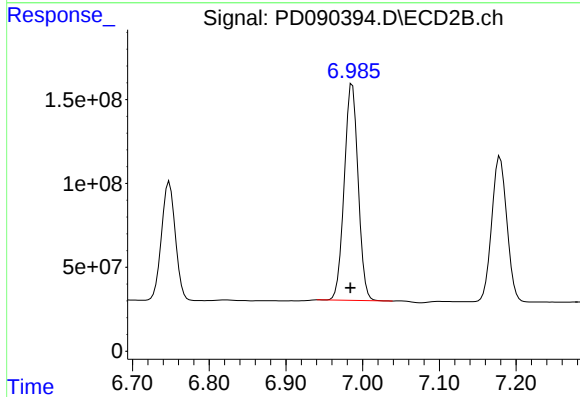
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.005 min
Response: 221140082
Conc: 44.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169826BS

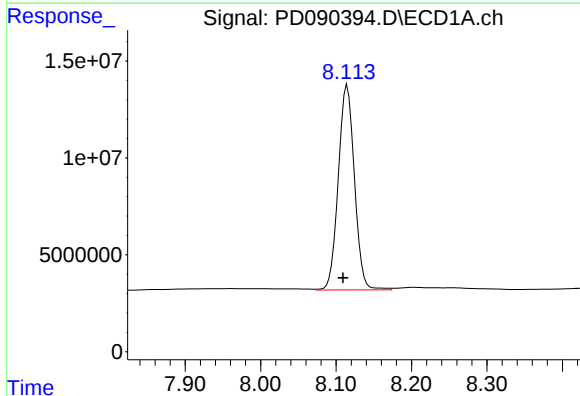
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/26/2025
Supervised By :Sohil Jodhani 09/26/2025



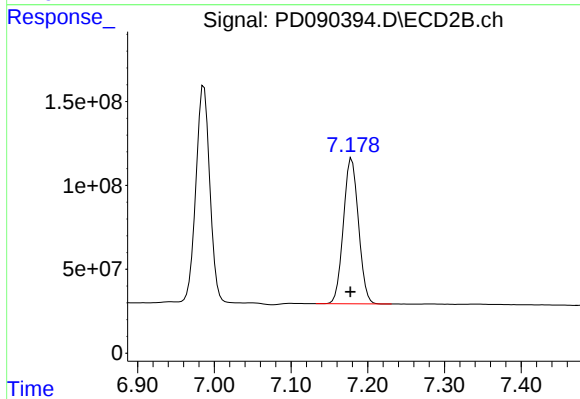
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.002 min
Response: 1628121639
Conc: 45.10 ng/ml



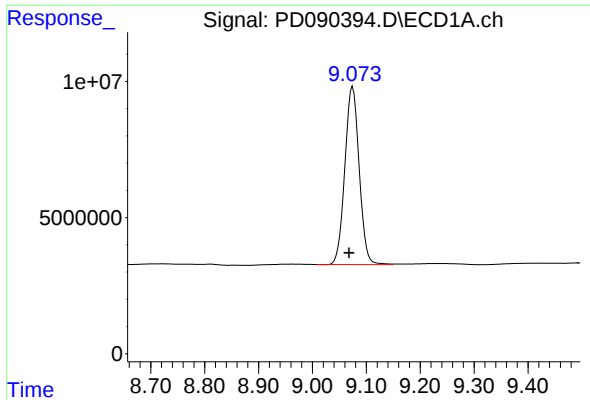
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.005 min
Response: 157229464
Conc: 42.44 ng/ml



#22 Mirex

R.T.: 7.179 min
Delta R.T.: 0.002 min
Response: 1188842516
Conc: 43.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.007 min
Response: 120715077
Conc: 25.02 ng/ml

Instrument :

ECD_D

ClientSampleId :

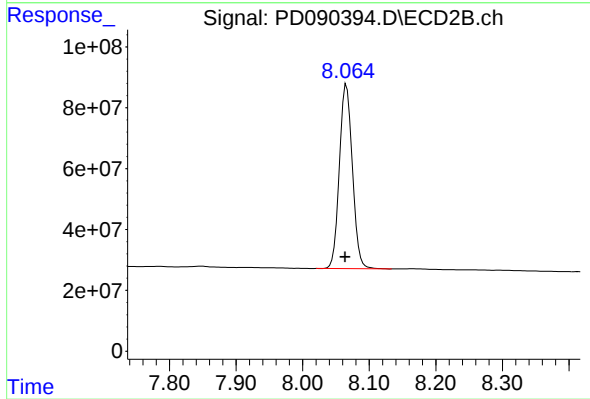
PB169826BS

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#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.002 min
Response: 821580320
Conc: 25.35 ng/ml