

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120225\
 Data File : PD091434.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2025 19:12
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/03/2025
 Supervised By : Sohil Jodhani 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 05:09:34 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...	3.542	2.873	170.5E6	2023.1E6	49.452	55.230
28)	SA Decachlor...	9.063	8.058	227.1E6	2020.0E6	45.581	51.042
Target Compounds							
2)	A alpha-BHC	3.991	3.383	415.7E6	3555.7E6	51.988	56.259
3)	MA gamma-BHC...	4.322	3.719	386.4E6	3248.4E6	51.713	56.179
4)	MA Heptachlor	4.919	4.071	359.6E6	3009.0E6	50.215	54.501
5)	MB Aldrin	5.261	4.356	369.5E6	3192.4E6	50.920	56.545
6)	B beta-BHC	4.510	4.016	144.6E6	1323.6E6	49.751	55.088
7)	B delta-BHC	4.758	4.252	389.8E6	3274.2E6	52.448	55.991
8)	B Heptachlo...	5.682	4.860	333.5E6	2845.9E6	51.336	55.847
9)	A Endosulfan I	6.065	5.234	307.5E6	2623.5E6	50.065	54.825
10)	B gamma-Chl...	5.937	5.112	329.9E6	3113.6E6	50.744	56.997
11)	B alpha-Chl...	6.018	5.177	344.3E6	2948.2E6	50.026	56.337
12)	B 4,4'-DDE	6.188	5.362	292.0E6	2996.4E6	50.343	56.068
13)	MA Dieldrin	6.338	5.499	327.7E6	3038.1E6	50.694	55.939
14)	MA Endrin	6.566	5.775	263.7E6	2694.7E6	53.129	59.627m
15)	B Endosulfa...	6.779	6.068	269.5E6	2648.0E6	48.486	56.726
16)	A 4,4'-DDD	6.698	5.916	244.4E6	2628.5E6	49.766	53.787
17)	MA 4,4'-DDT	7.014	6.168	211.2E6	2224.9E6	51.067	56.857m
18)	B Endrin al...	6.908	6.246	199.8E6	1927.3E6	47.957	54.615
19)	B Endosulfa...	7.142	6.469	251.5E6	2264.1E6	48.880	50.499
20)	A Methoxychlor	7.487	6.740	105.1E6	1088.7E6	48.332	54.296
21)	B Endrin ke...	7.623	6.979	277.9E6	2730.3E6	49.331	53.582
22)	Mirex	8.105	7.171	171.2E6	1639.1E6	48.144	49.459

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120225\
Data File : PD091434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2025 19:12
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

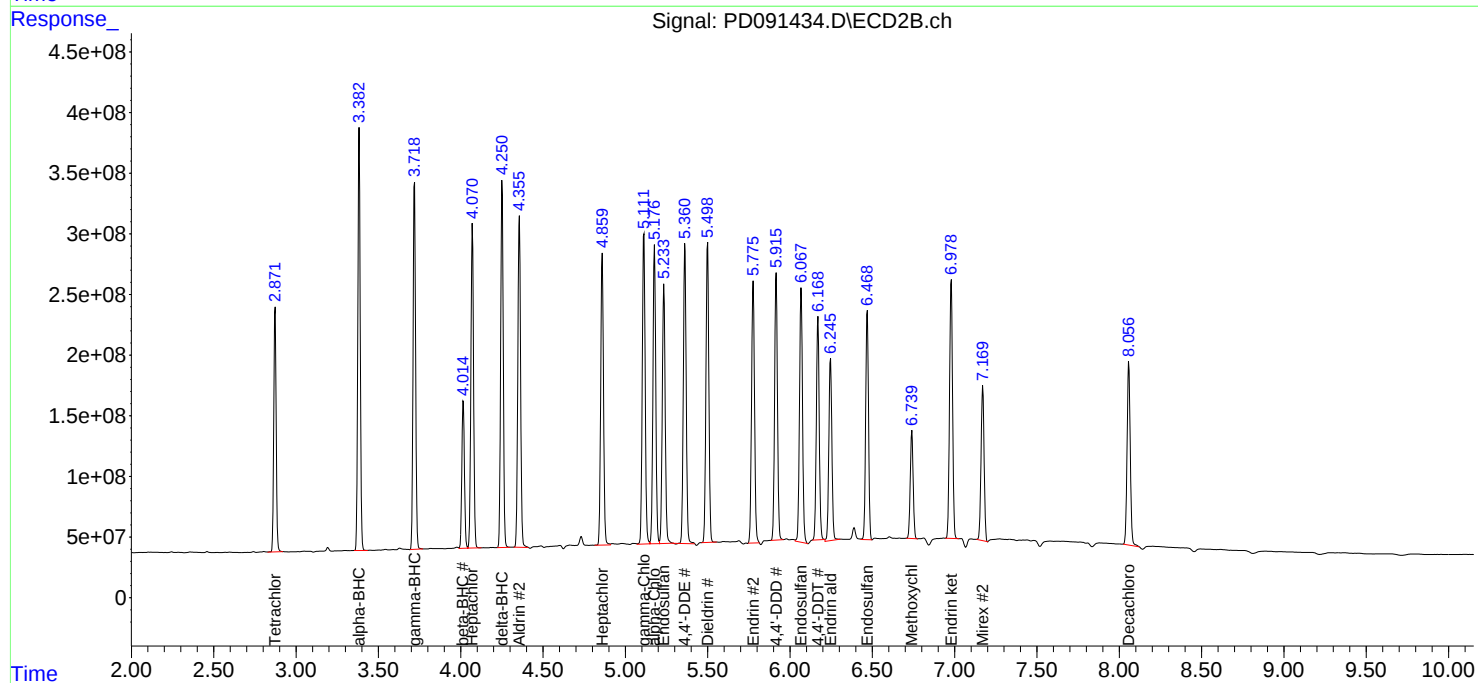
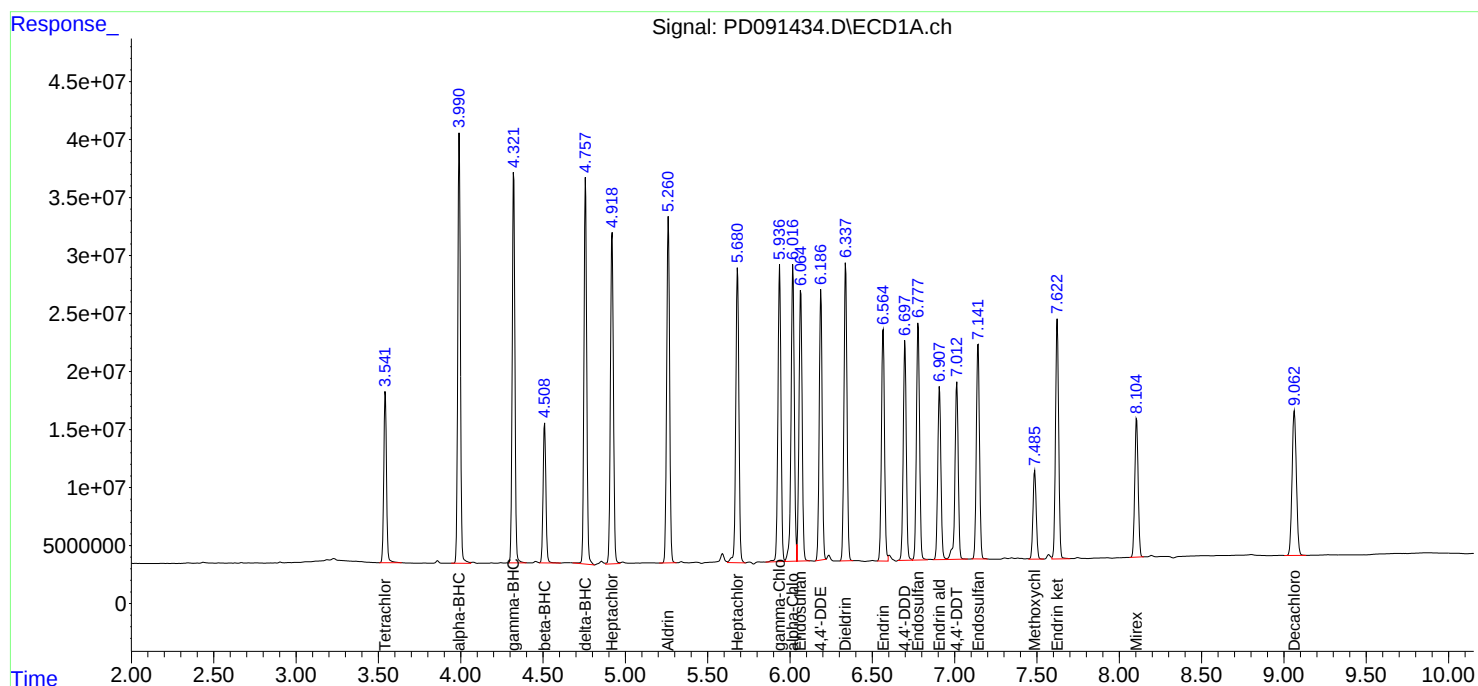
Manual Integrations

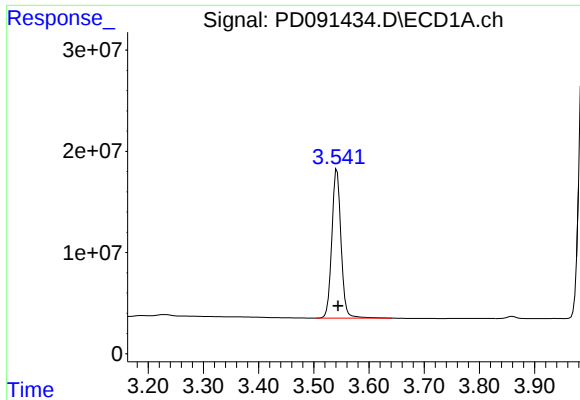
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Supervised By :Sohil Jodhani 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 05:09:34 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





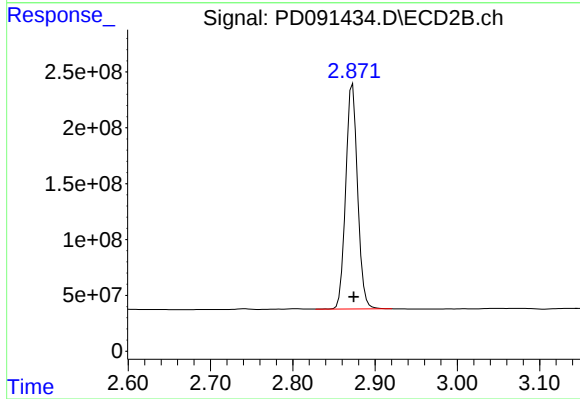
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 170540328
Conc: 49.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

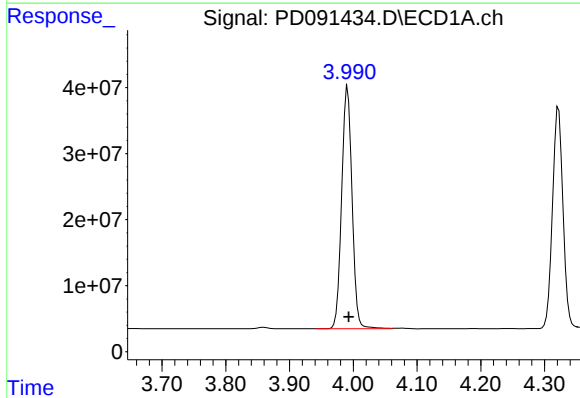
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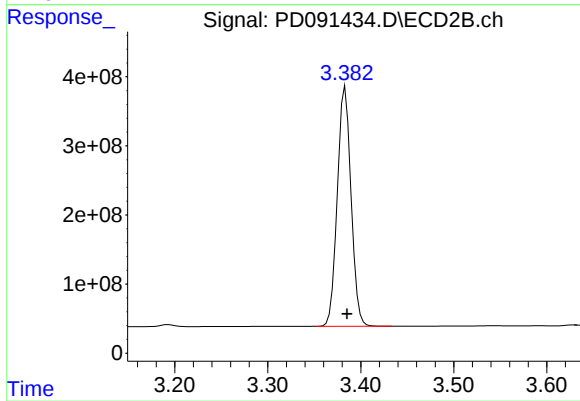
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 2023073412
Conc: 55.23 ng/ml



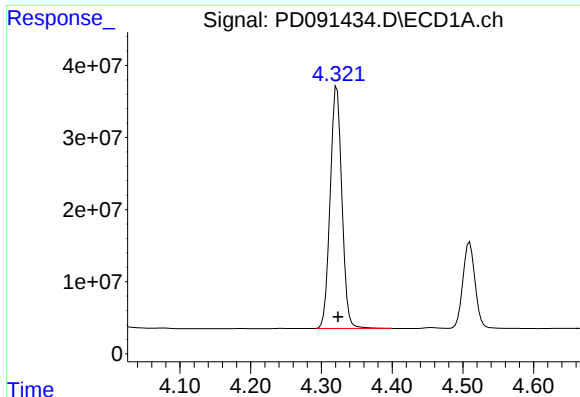
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 415667600
Conc: 51.99 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 3555707414
Conc: 56.26 ng/ml



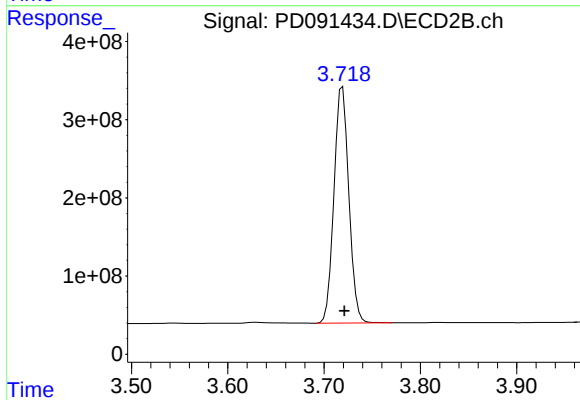
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 386443187
Conc: 51.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

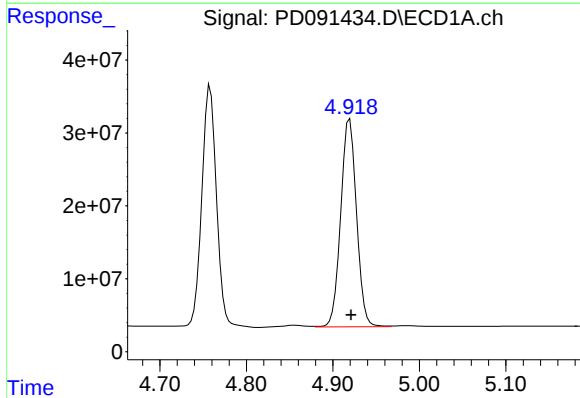
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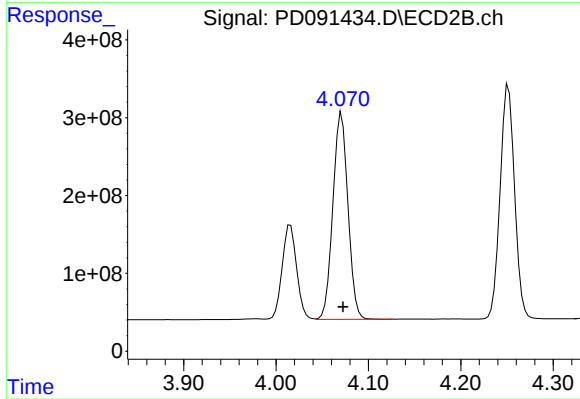
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 3248356250
Conc: 56.18 ng/ml



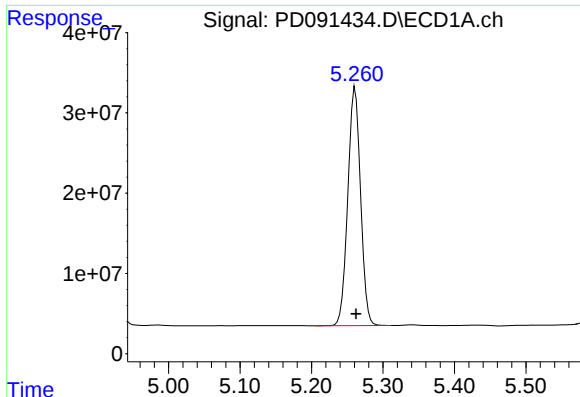
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 359625870
Conc: 50.21 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 3008989431
Conc: 54.50 ng/ml



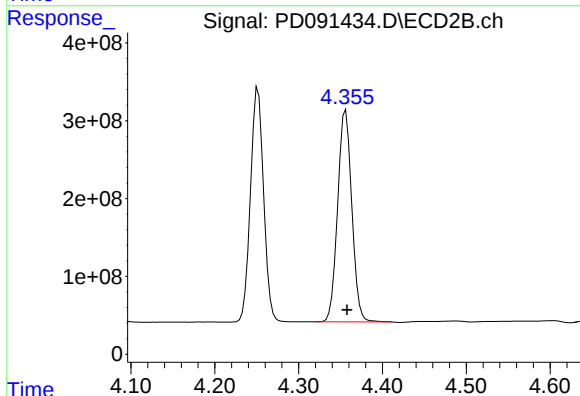
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 369495376
Conc: 50.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

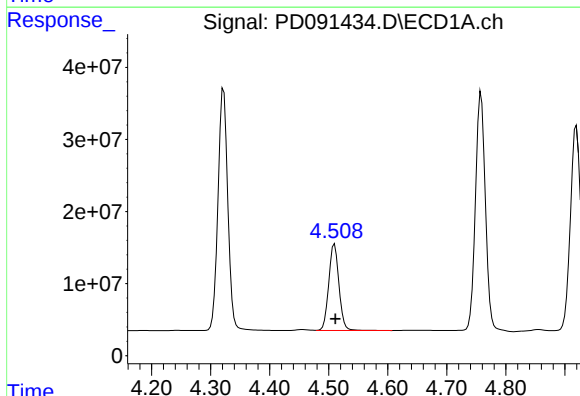
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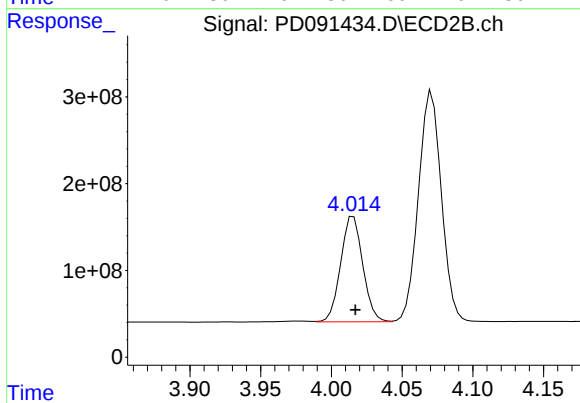
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 3192436980
Conc: 56.54 ng/ml



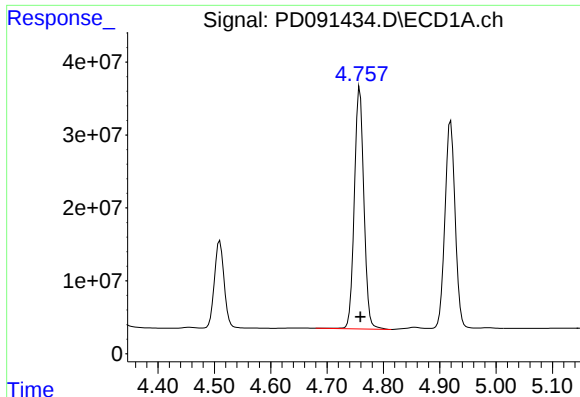
#6 beta-BHC

R.T.: 4.510 min
Delta R.T.: -0.001 min
Response: 144552073
Conc: 49.75 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 1323596435
Conc: 55.09 ng/ml



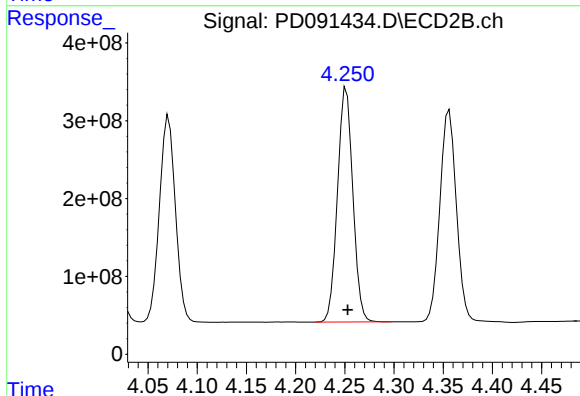
#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.001 min
Response: 389796156
Conc: 52.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

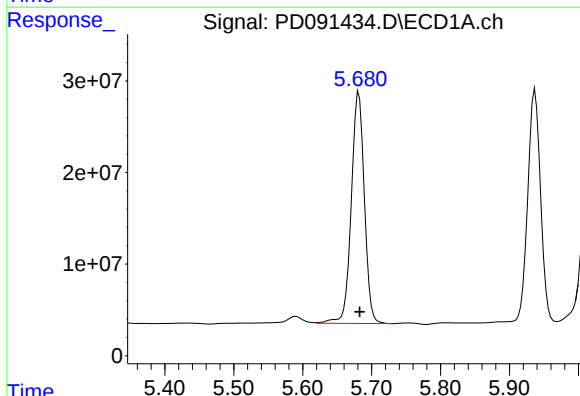
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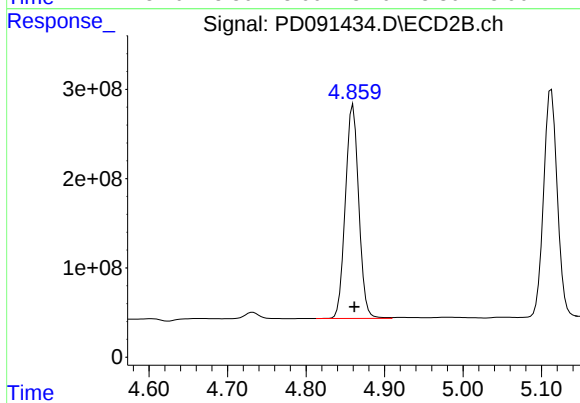
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.001 min
Response: 3274196759
Conc: 55.99 ng/ml



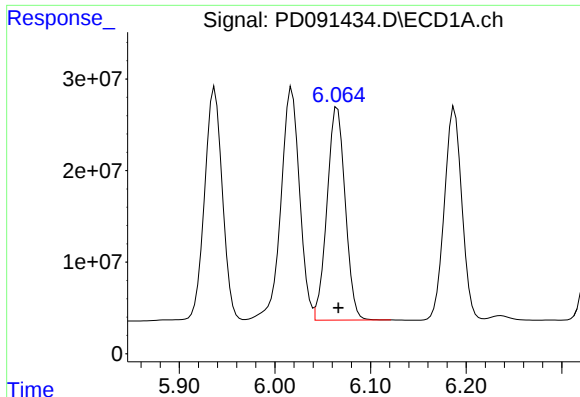
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 333513226
Conc: 51.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 2845911807
Conc: 55.85 ng/ml



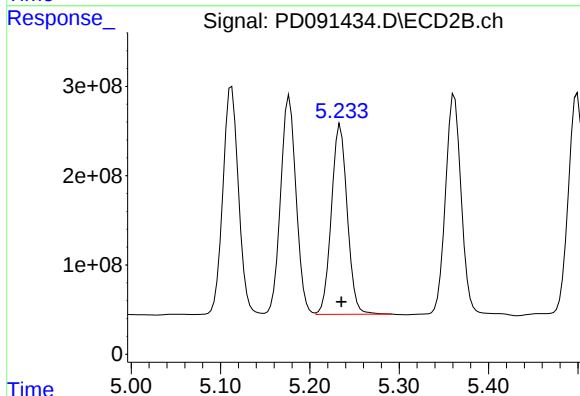
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.001 min
Response: 307546097
Conc: 50.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

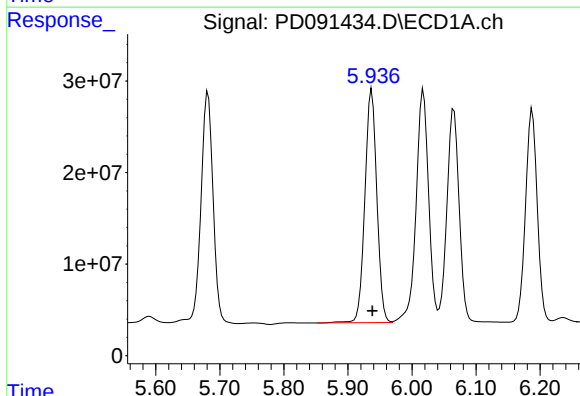
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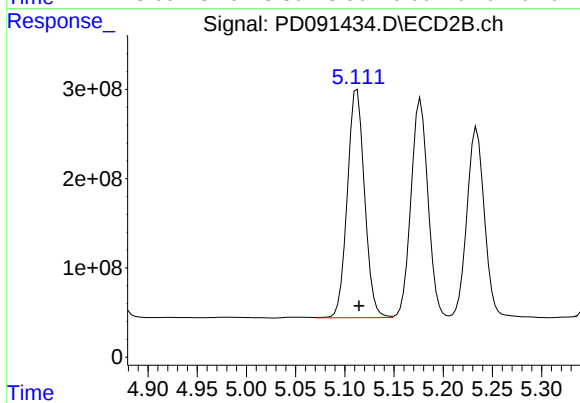
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 2623468665
Conc: 54.82 ng/ml



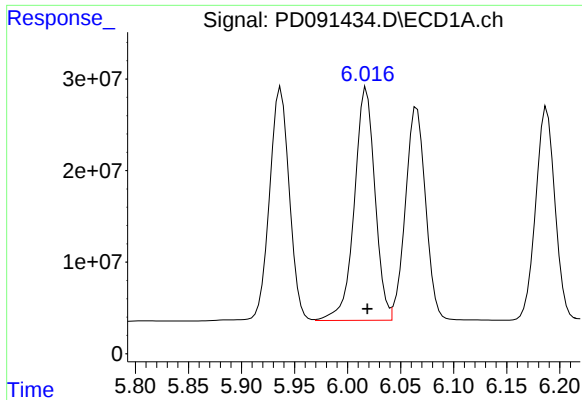
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 329878474
Conc: 50.74 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 3113593205
Conc: 57.00 ng/ml



#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 344318259
Conc: 50.03 ng/ml

Instrument :

ECD_D

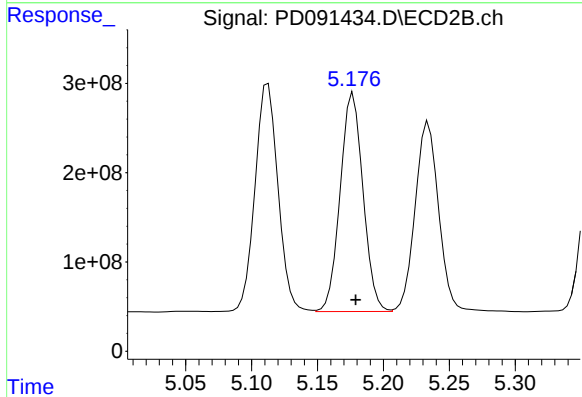
ClientSampleId :

PSTDCCC050

Manual Integrations

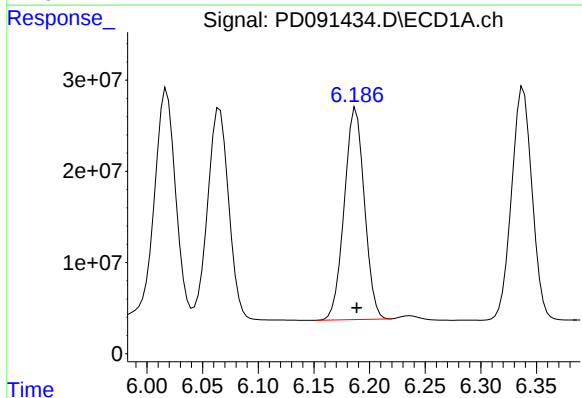
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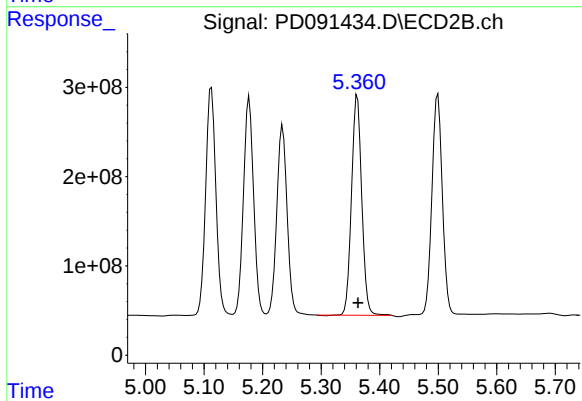
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2948213867
Conc: 56.34 ng/ml



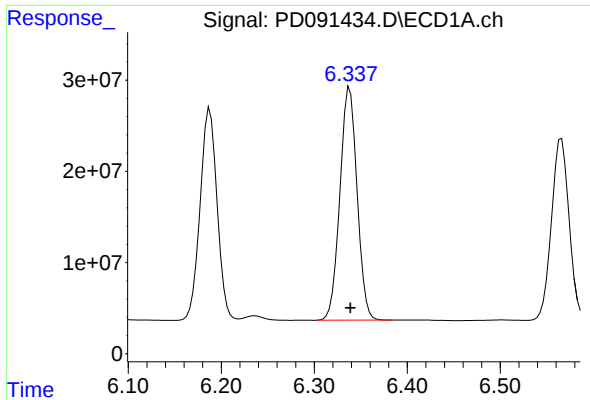
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 291961974
Conc: 50.34 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 2996412476
Conc: 56.07 ng/ml



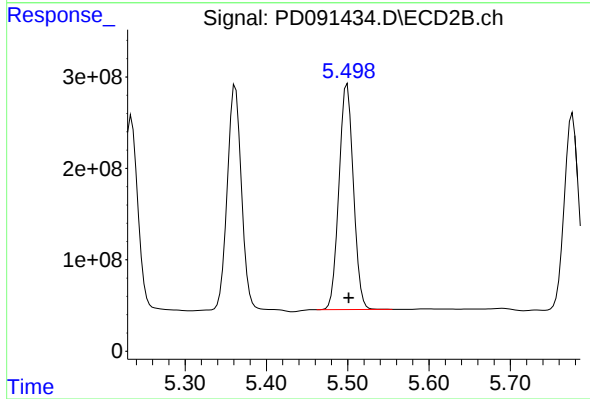
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 327734071
Conc: 50.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

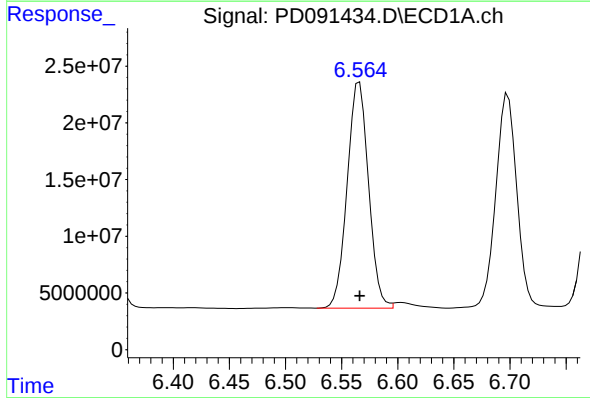
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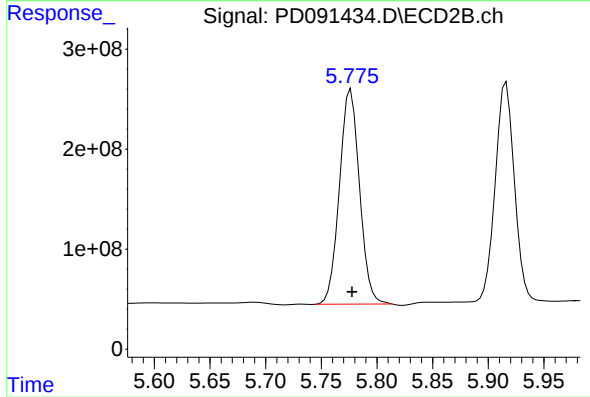
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 3038088945
Conc: 55.94 ng/ml



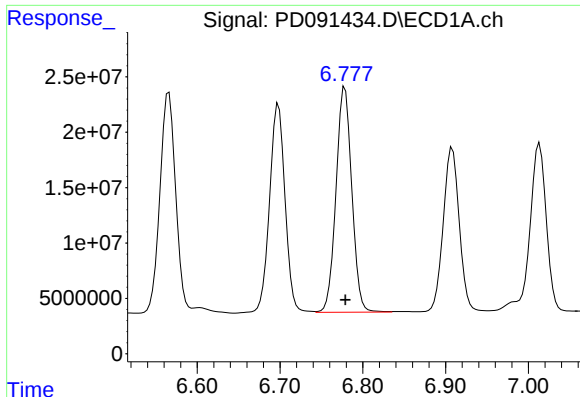
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 263703766
Conc: 53.13 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 2694722990
Conc: 59.63 ng/ml m



#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 269547549
Conc: 48.49 ng/ml

Instrument :

ECD_D

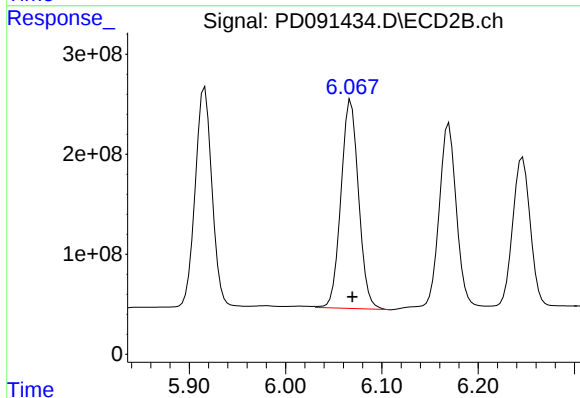
ClientSampleId :

PSTDCCC050

Manual Integrations

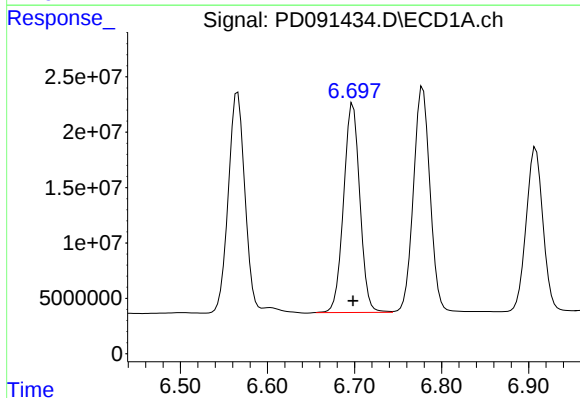
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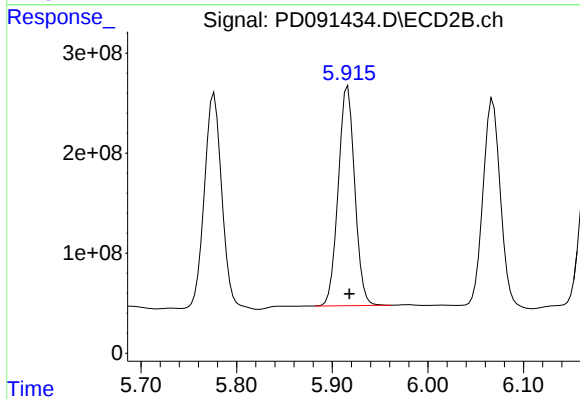
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 2647964806
Conc: 56.73 ng/ml



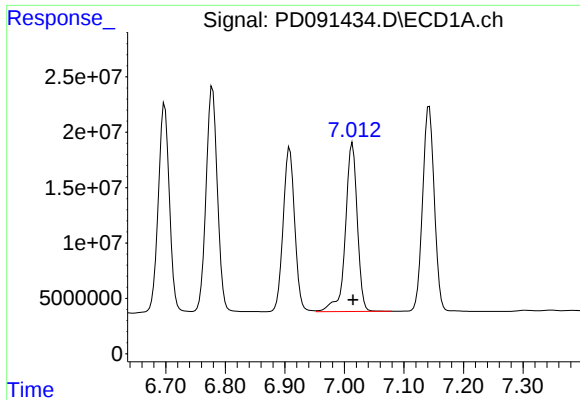
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 244426998
Conc: 49.77 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 2628501424
Conc: 53.79 ng/ml



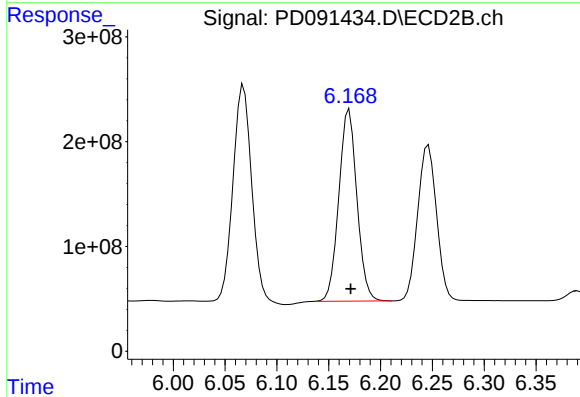
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 211187591
Conc: 51.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

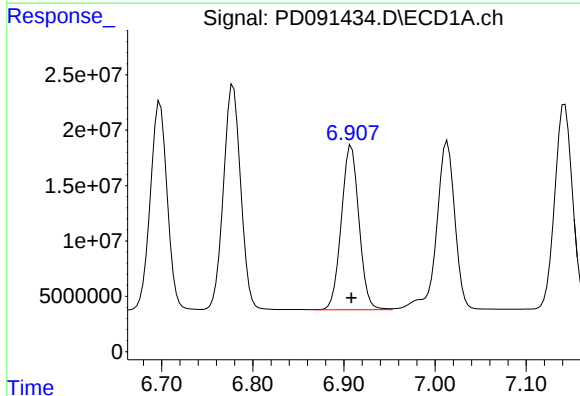
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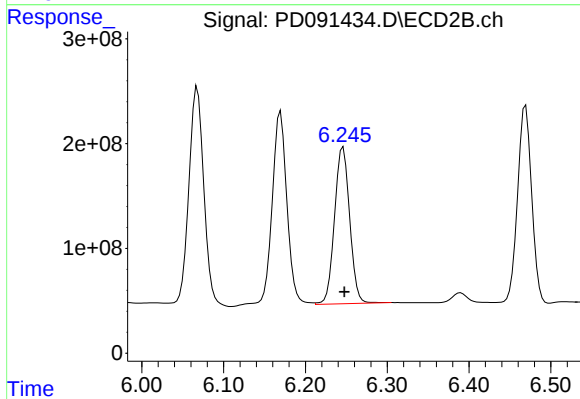
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 2224942219
Conc: 56.86 ng/ml m



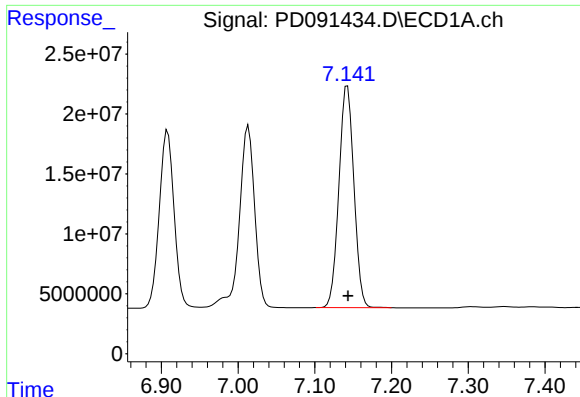
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 199790329
Conc: 47.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.001 min
Response: 1927304657
Conc: 54.61 ng/ml



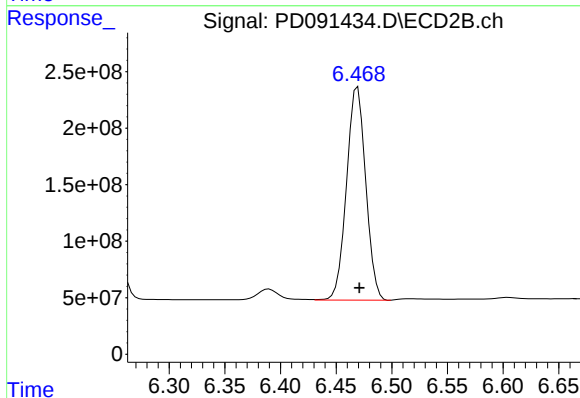
#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 251479271
Conc: 48.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

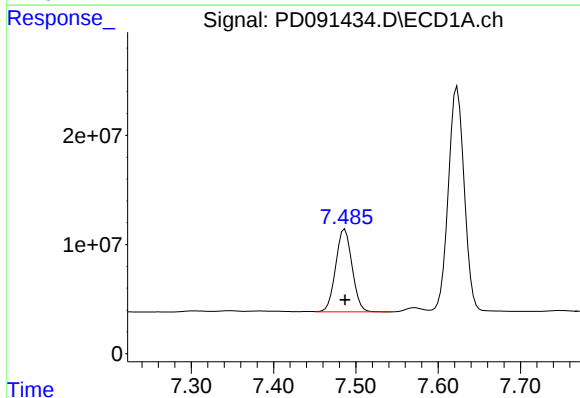
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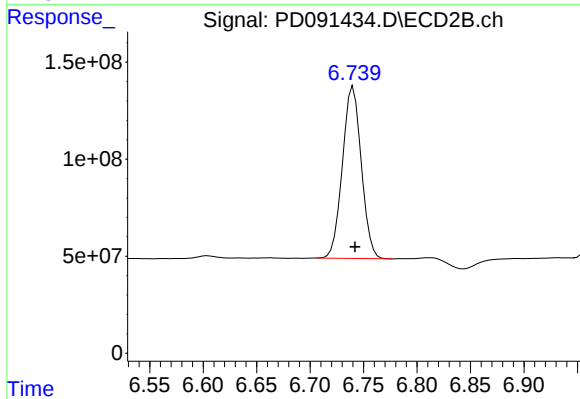
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 2264103941
Conc: 50.50 ng/ml



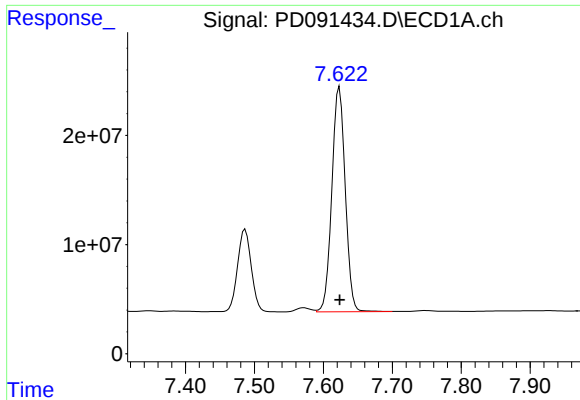
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 105090734
Conc: 48.33 ng/ml



#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 1088716354
Conc: 54.30 ng/ml



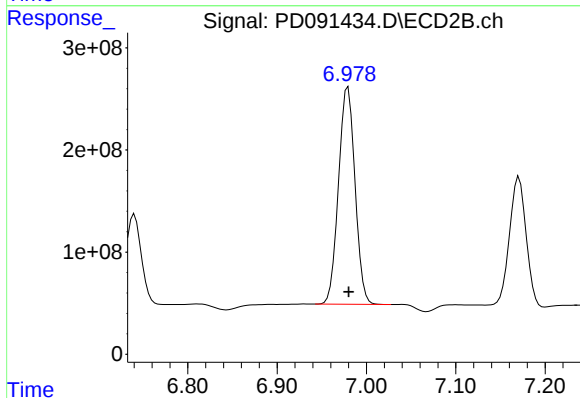
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 277906668
Conc: 49.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

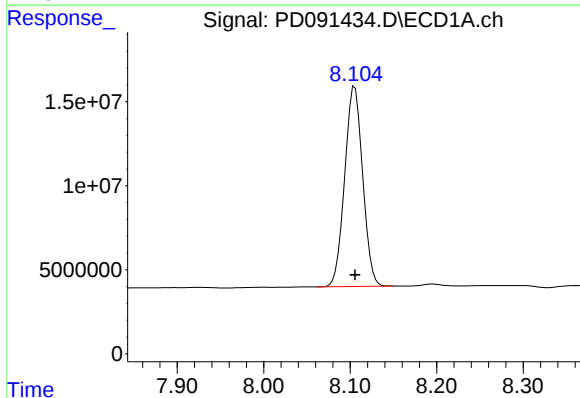
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



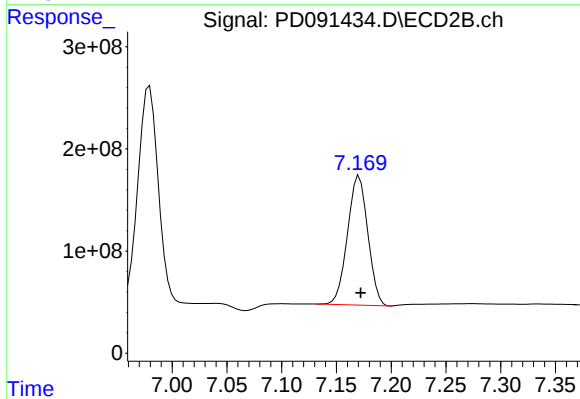
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 2730322106
Conc: 53.58 ng/ml



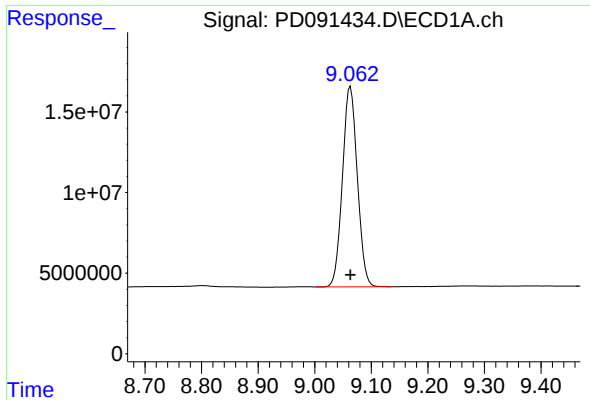
#22 Mirex

R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 171249979
Conc: 48.14 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 1639079027
Conc: 49.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 227076247
Conc: 45.58 ng/ml

Instrument :

ECD_D

ClientSampleId :

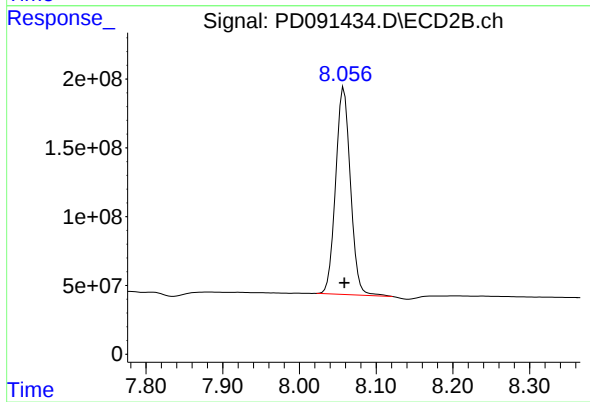
PSTDCCC050

Manual Integrations

APPROVED

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Supervised By :Sohil Jodhani 12/03/2025



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 2019972042
Conc: 51.04 ng/ml