

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
 Data File : PD090639.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2025 16:42
 Operator : AR\AJ
 Sample : PB170135BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170135BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/17/2025
 Supervised By : Sohil Jodhani 10/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 05:00:50 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...	3.545	2.874	71751028	694.2E6	22.074	25.291
28)	SA Decachlor...	9.067	8.062	126.1E6	784.1E6	26.126	24.190
Target Compounds							
2)	A alpha-BHC	3.994	3.386	359.7E6	2451.2E6	51.494	55.985
3)	MA gamma-BHC...	4.325	3.722	338.5E6	2266.0E6	51.154	55.628
4)	MA Heptachlor	4.923	4.074	269.3E6	2089.1E6	40.721	51.307 #
5)	MB Aldrin	5.265	4.360	326.3E6	2216.4E6	51.380	55.501
6)	B beta-BHC	4.512	4.019	126.9E6	947.8E6	49.194	54.677
7)	B delta-BHC	4.759	4.255	337.4E6	2281.3E6	52.252m	55.245
8)	B Heptachlo...	5.685	4.864	288.3E6	2010.9E6	50.450	54.547
9)	A Endosulfan I	6.069	5.238	268.3E6	1854.6E6	49.671	53.593
10)	B gamma-Chl...	5.941	5.116	288.4E6	2149.9E6	50.482	54.725
11)	B alpha-Chl...	6.022	5.181	291.6E6	2053.5E6	50.616	54.519
12)	B 4,4'-DDE	6.191	5.365	262.3E6	2066.4E6	50.360	53.982
13)	MA Dieldrin	6.341	5.503	290.1E6	2104.5E6	50.317	54.037
14)	MA Endrin	6.569	5.781	242.3E6	1924.5E6	49.510	53.708
15)	B Endosulfa...	6.782	6.072	241.9E6	1762.0E6	49.597	52.206
16)	A 4,4'-DDD	6.701	5.920	204.1E6	1704.9E6	49.803	52.576
17)	MA 4,4'-DDT	7.017	6.174	188.7E6	1555.8E6	42.388	45.255
18)	B Endrin al...	6.911	6.250	179.3E6	1299.0E6	52.271	55.166
19)	B Endosulfa...	7.146	6.474	223.7E6	1683.7E6	48.632	51.504
20)	A Methoxychlor	7.491	6.745	91940344	747.9E6	39.015	42.981
21)	B Endrin ke...	7.627	6.983	234.3E6	1751.5E6	47.359	48.513
22)	Mirex	8.109	7.175	165.9E6	1281.7E6	44.778	46.428

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
Data File : PD090639.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2025 16:42
Operator : AR\AJ
Sample : PB170135BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

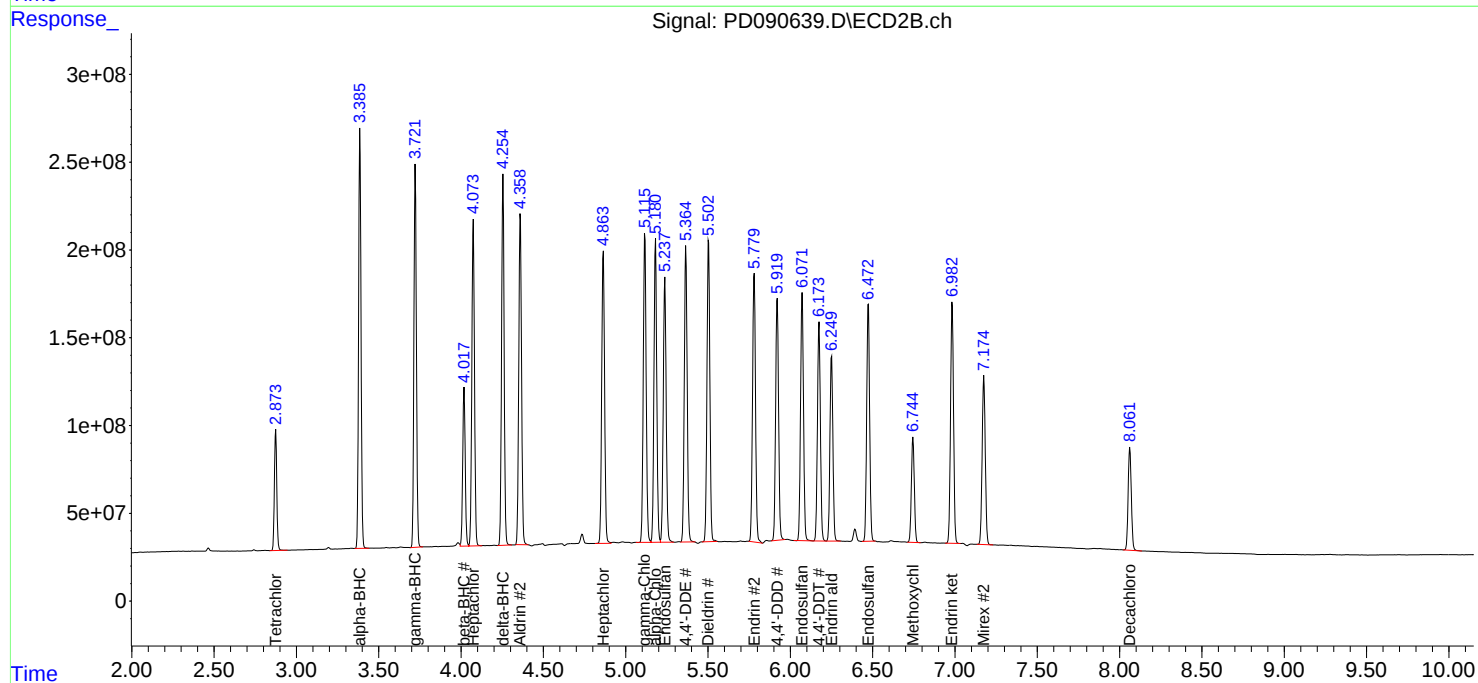
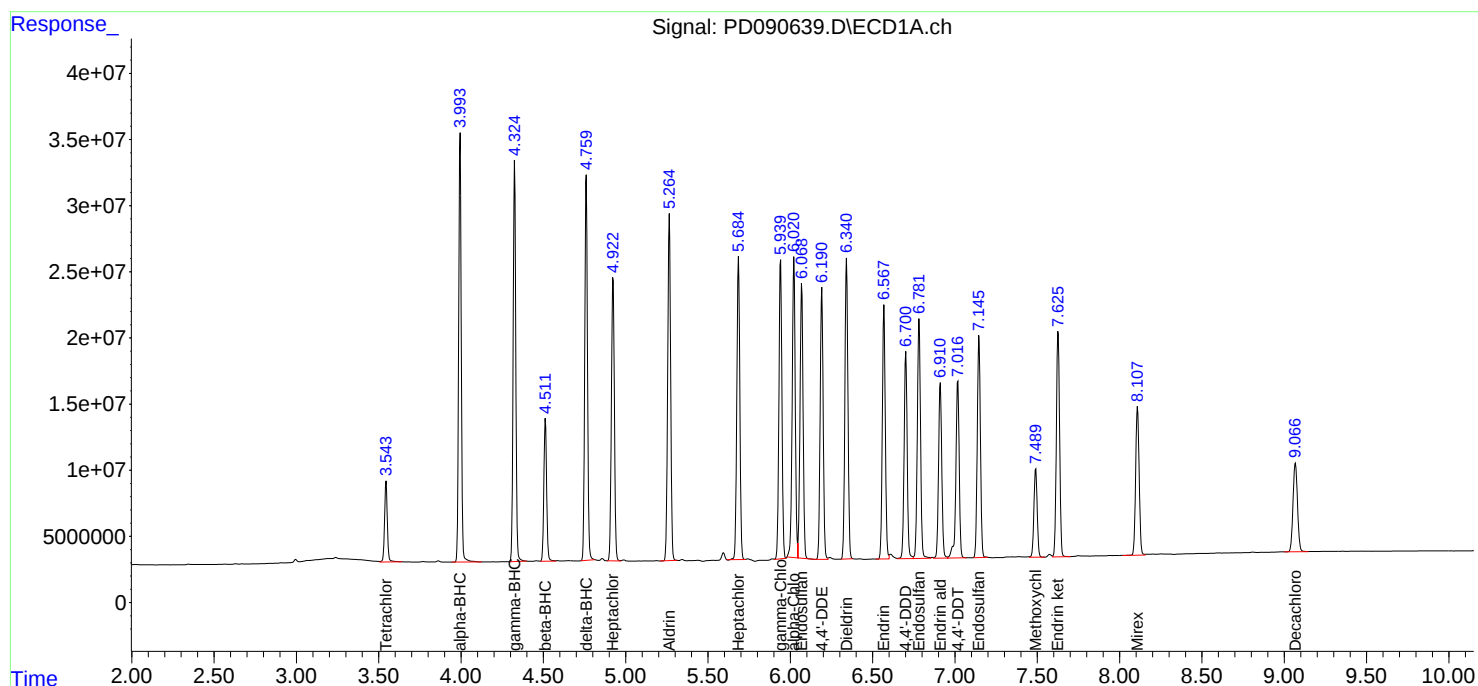
Instrument :
ECD_D
ClientSampleId :
PB170135BS

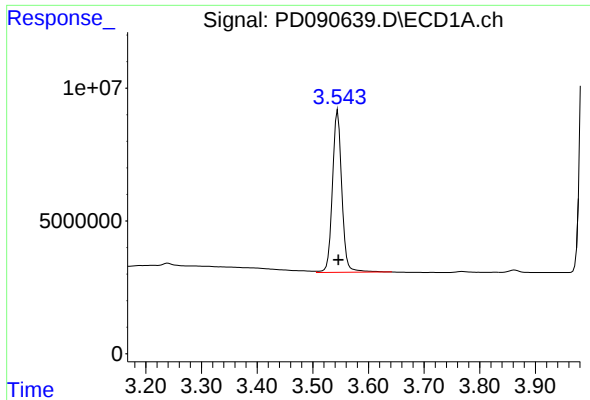
Manual Integrations
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Supervised By : Sohil Jodhani 10/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 05:00:50 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





#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.001 min
Response: 71751028
Conc: 22.07 ng/ml

Instrument :

ECD_D

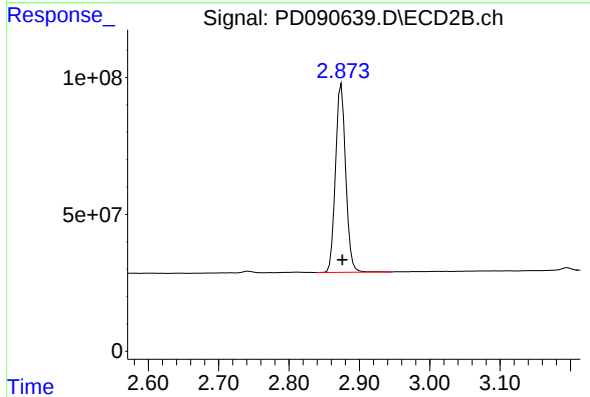
ClientSampleId :

PB170135BS

Manual Integrations

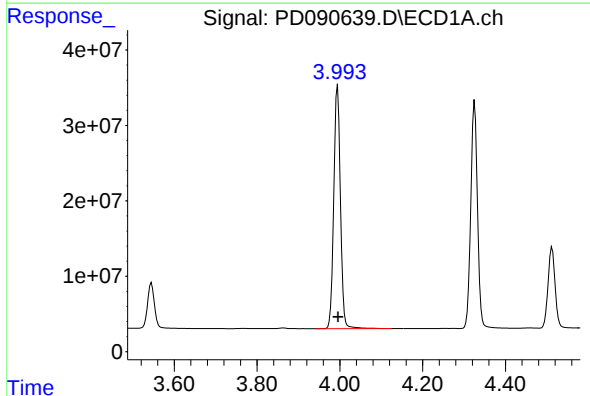
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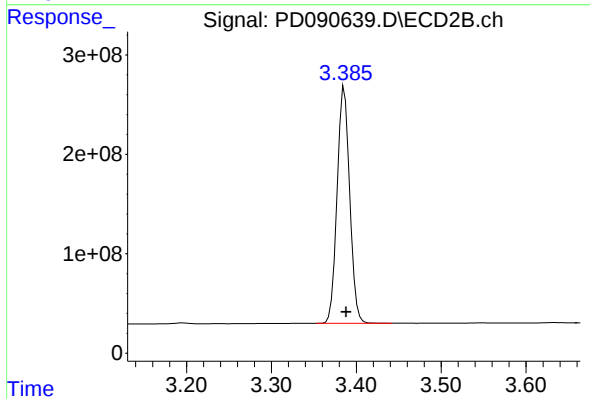
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 694228467
Conc: 25.29 ng/ml



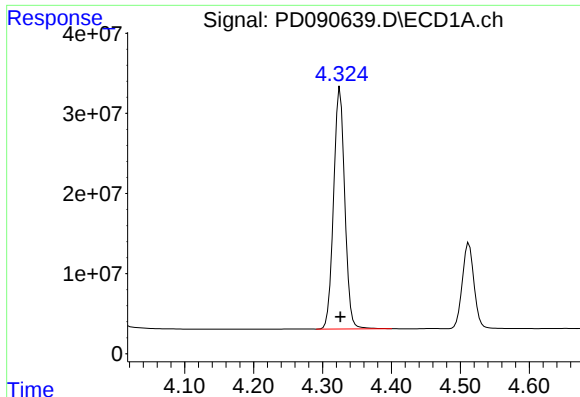
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 359663228
Conc: 51.49 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 2451204652
Conc: 55.99 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 338481172
Conc: 51.15 ng/ml

Instrument :

ECD_D

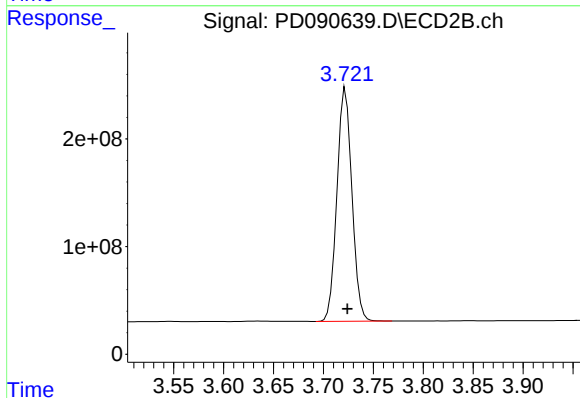
ClientSampleId :

PB170135BS

Manual Integrations

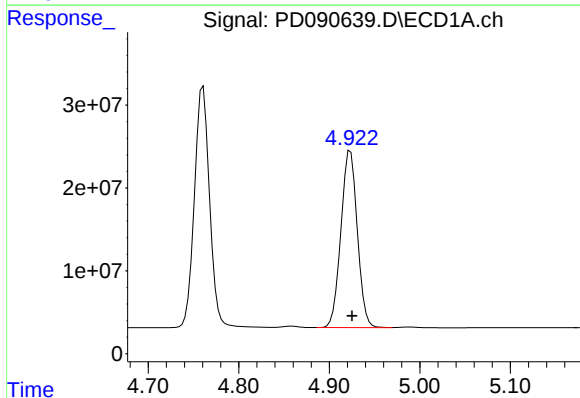
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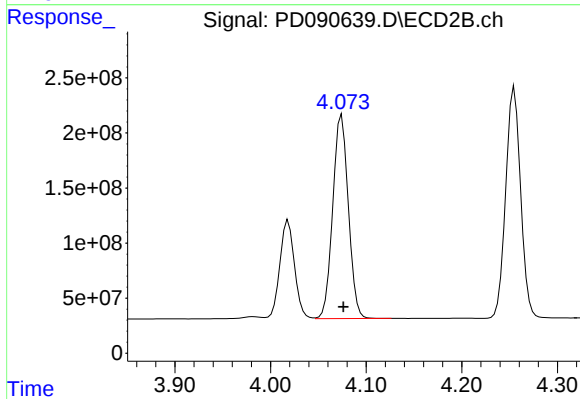
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 2266031543
Conc: 55.63 ng/ml



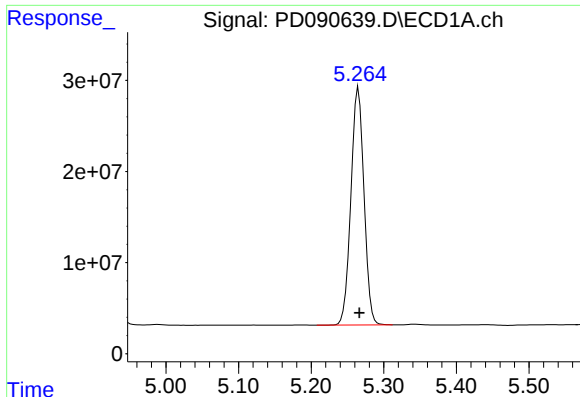
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 269270322
Conc: 40.72 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: -0.002 min
Response: 2089066242
Conc: 51.31 ng/ml



#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 326262795
Conc: 51.38 ng/ml

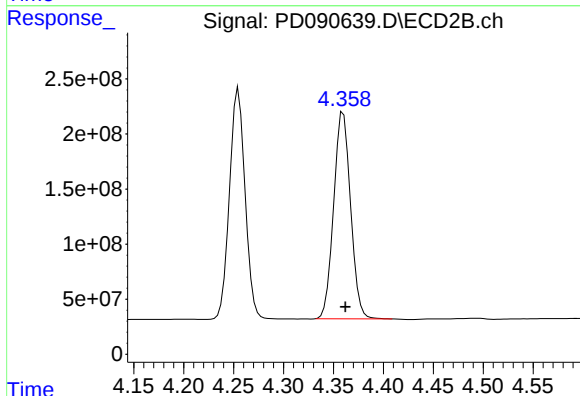
Instrument :

ECD_D

ClientSampleId :
PB170135BS

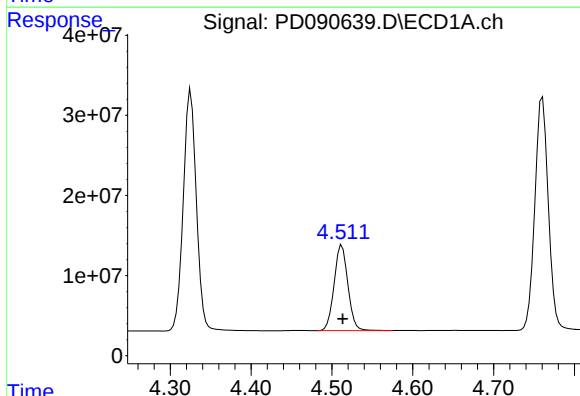
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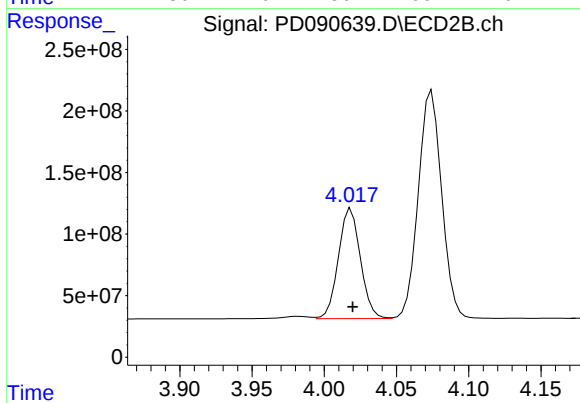
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 2216442338
Conc: 55.50 ng/ml



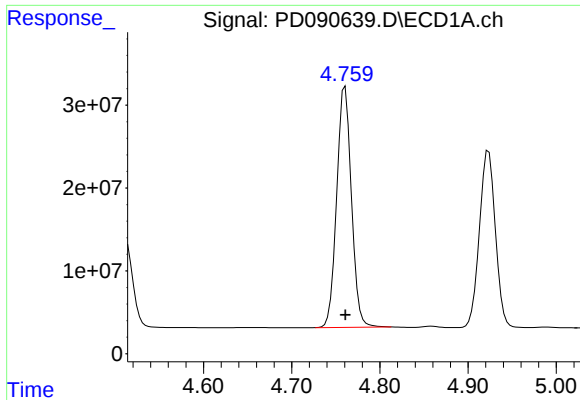
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 126916351
Conc: 49.19 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: -0.001 min
Response: 947837968
Conc: 54.68 ng/ml



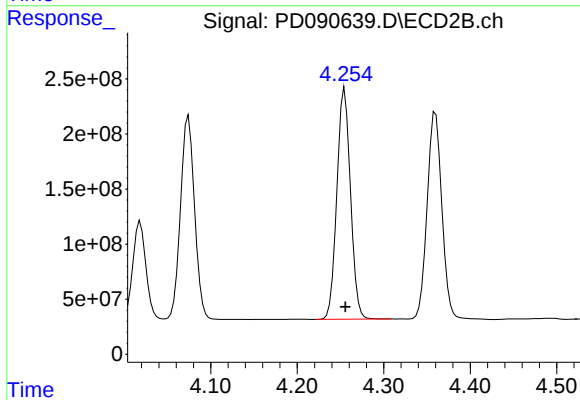
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 337418726
Conc: 52.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170135BS

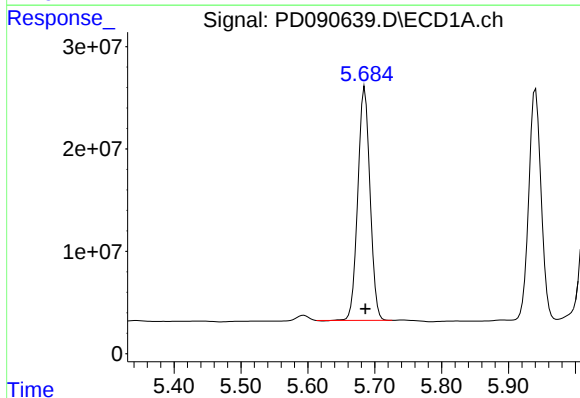
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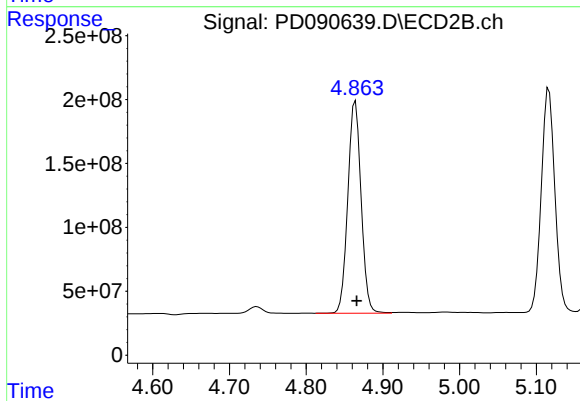
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: -0.001 min
Response: 2281338236
Conc: 55.25 ng/ml



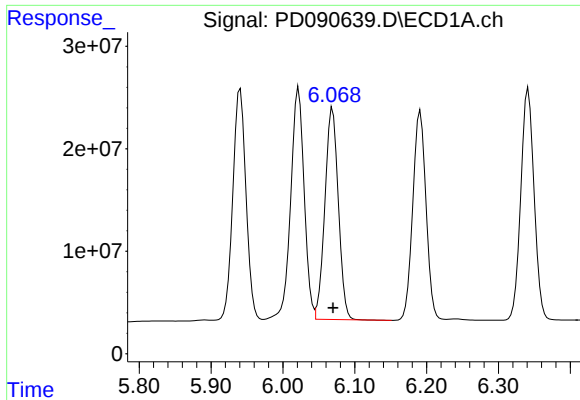
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.001 min
Response: 288315528
Conc: 50.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.002 min
Response: 2010888902
Conc: 54.55 ng/ml



#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 268298545
Conc: 49.67 ng/ml

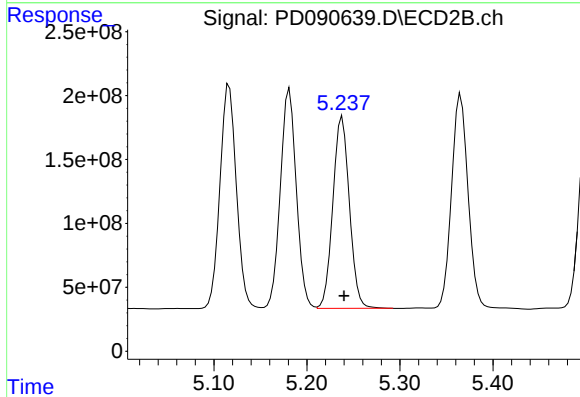
Instrument :

ECD_D

ClientSampleId :
PB170135BS

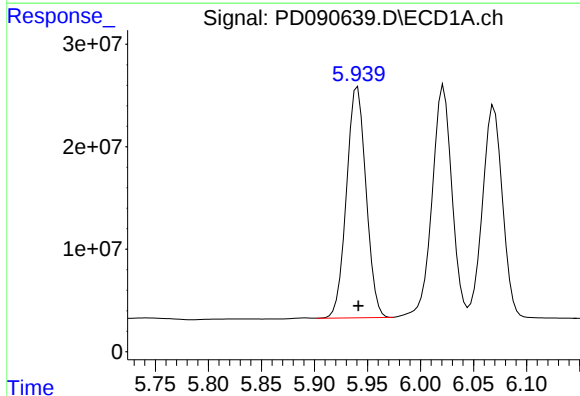
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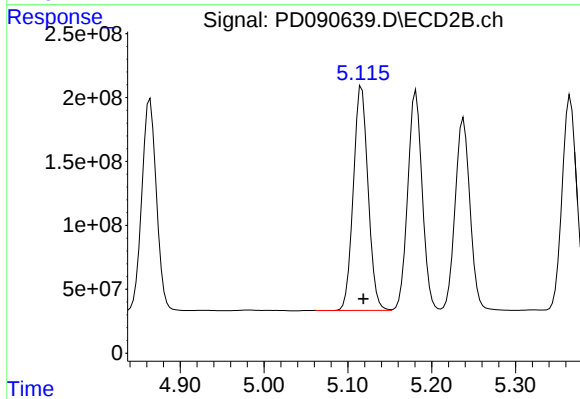
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 1854593399
Conc: 53.59 ng/ml



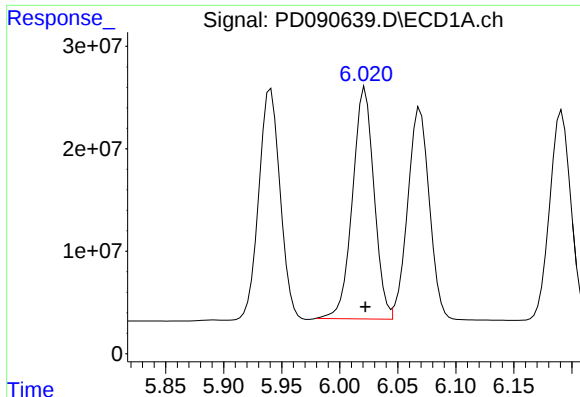
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 288351865
Conc: 50.48 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 2149923373
Conc: 54.72 ng/ml



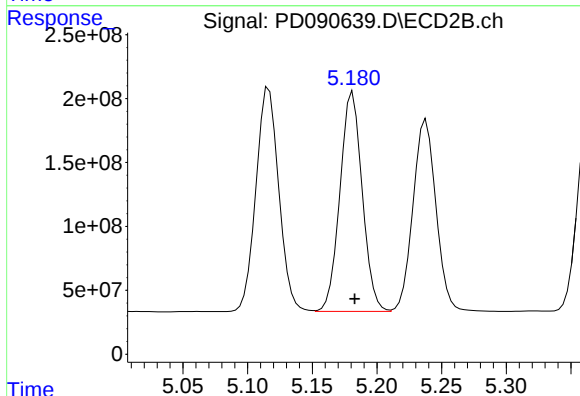
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 291590266
Conc: 50.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170135BS

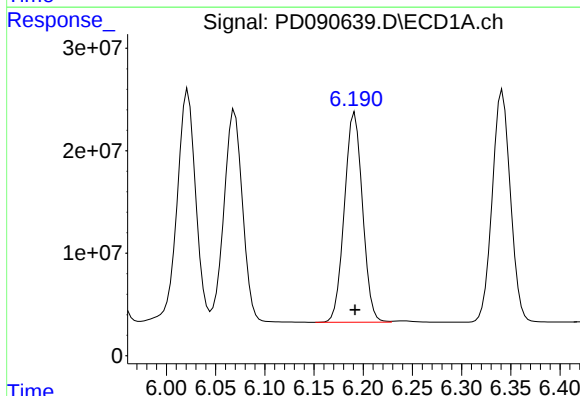
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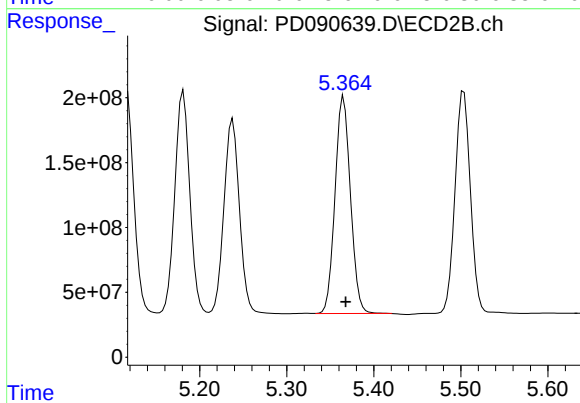
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: -0.002 min
Response: 2053489140
Conc: 54.52 ng/ml



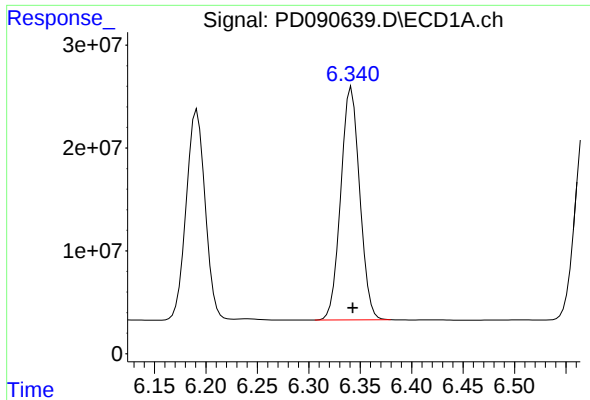
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 262250445
Conc: 50.36 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.002 min
Response: 2066388949
Conc: 53.98 ng/ml



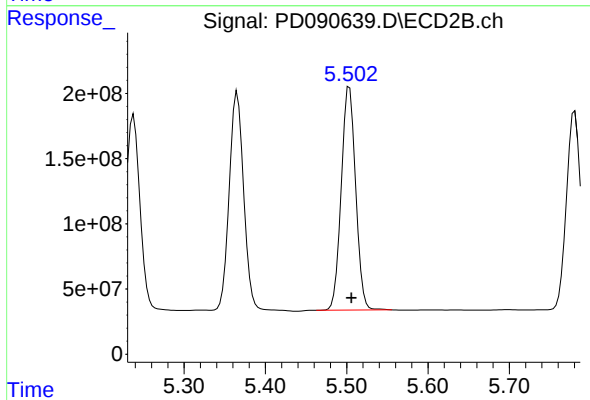
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.001 min
Response: 290063608
Conc: 50.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170135BS

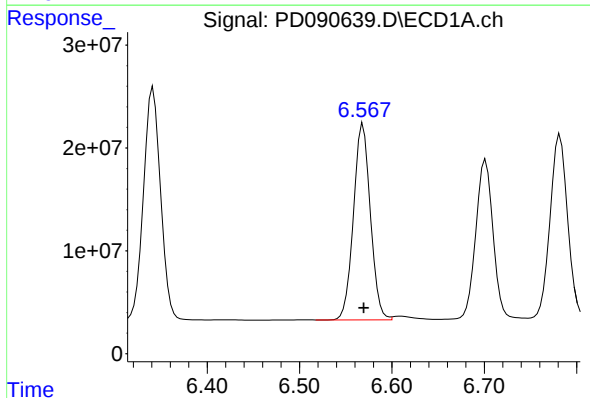
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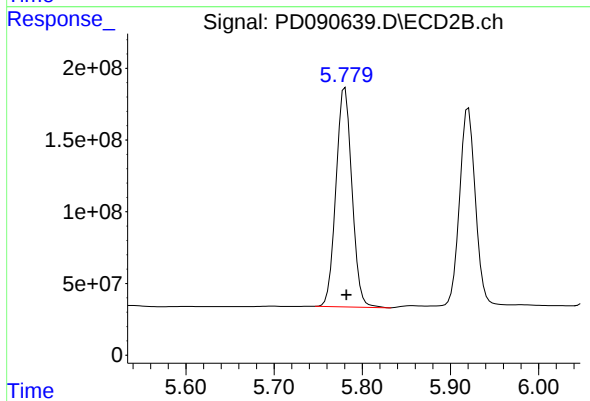
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 2104518313
Conc: 54.04 ng/ml



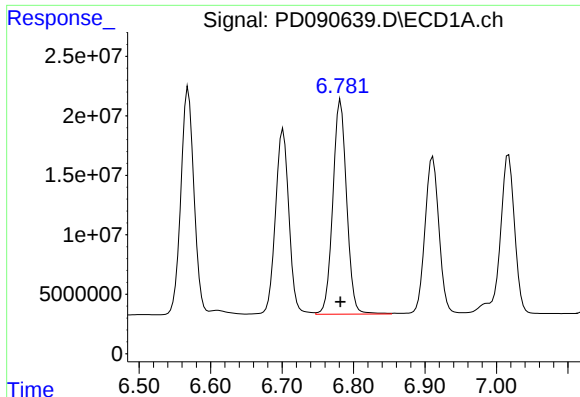
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 242296714
Conc: 49.51 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.002 min
Response: 1924467439
Conc: 53.71 ng/ml



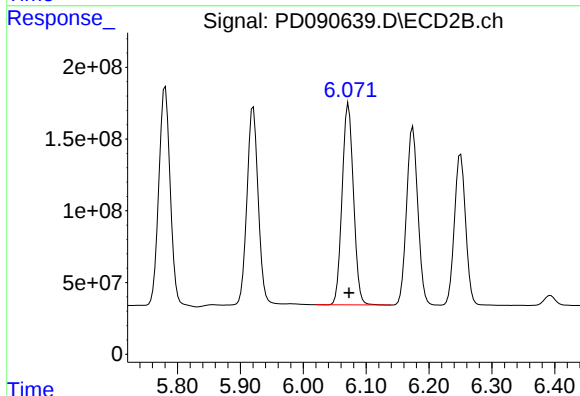
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 241924004
Conc: 49.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170135BS

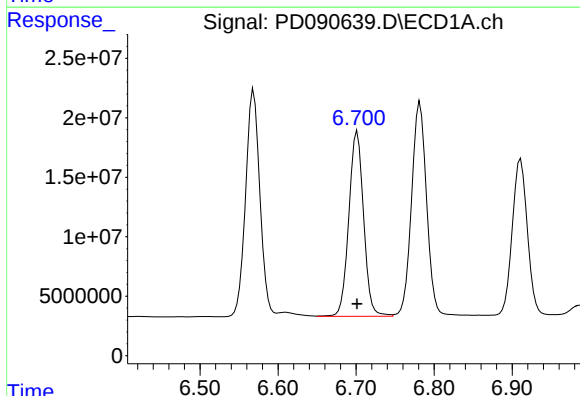
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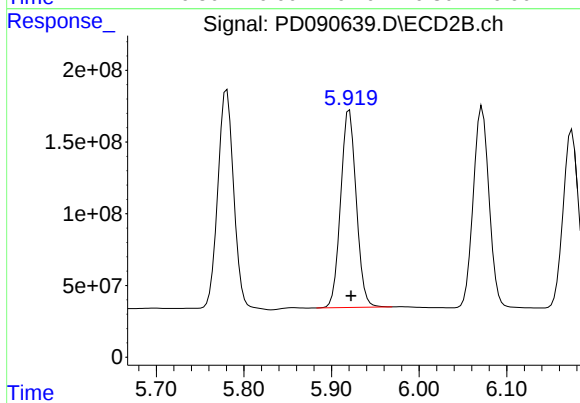
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 176200350
Conc: 52.21 ng/ml



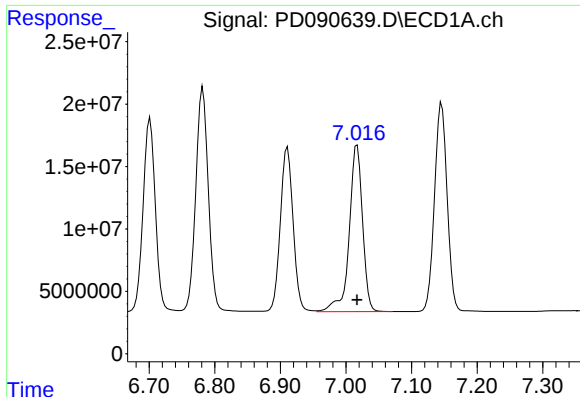
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 204085340
Conc: 49.80 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 1704921565
Conc: 52.58 ng/ml



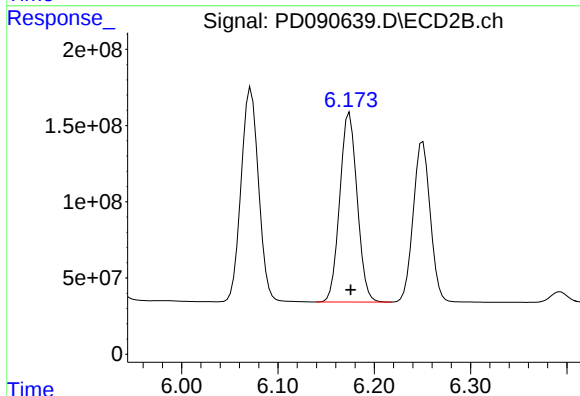
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 188729777
Conc: 42.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170135BS

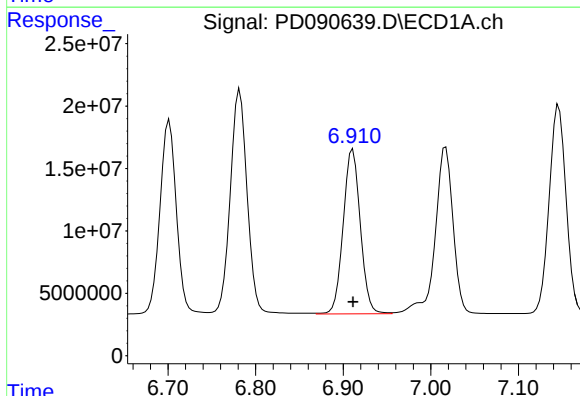
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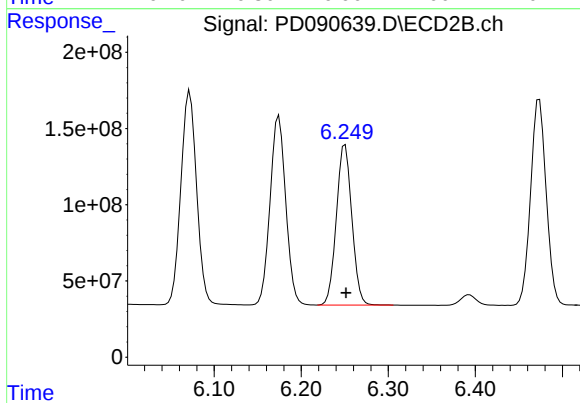
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.001 min
Response: 1555810857
Conc: 45.25 ng/ml



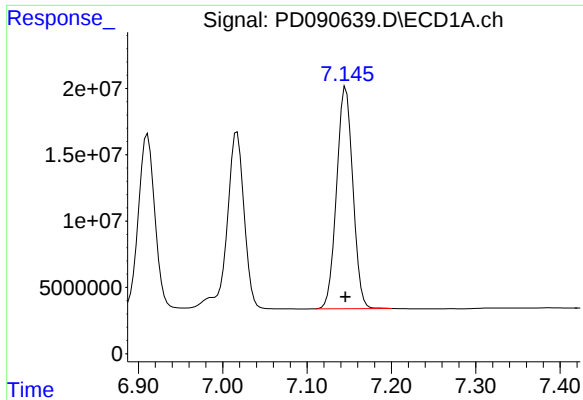
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 179321484
Conc: 52.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 1298986502
Conc: 55.17 ng/ml



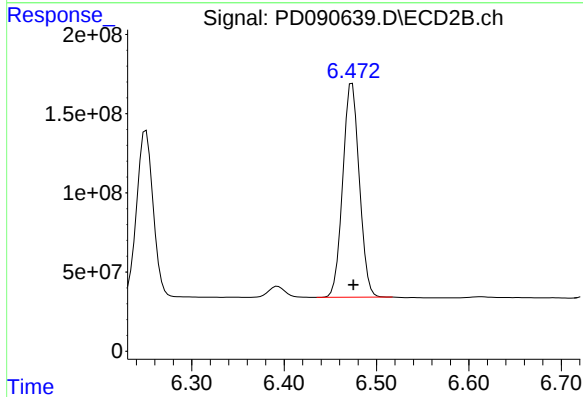
#19 Endosulfan Sulfate

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 223723216
Conc: 48.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170135BS

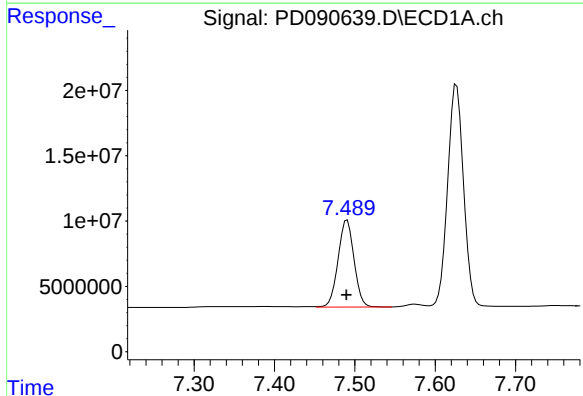
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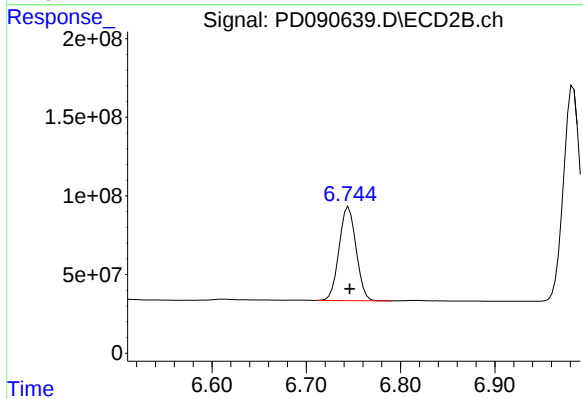
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.001 min
Response: 1683673353
Conc: 51.50 ng/ml



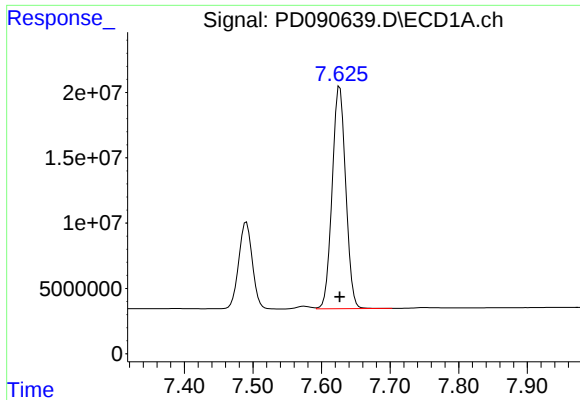
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 91940344
Conc: 39.02 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: -0.001 min
Response: 747880053
Conc: 42.98 ng/ml



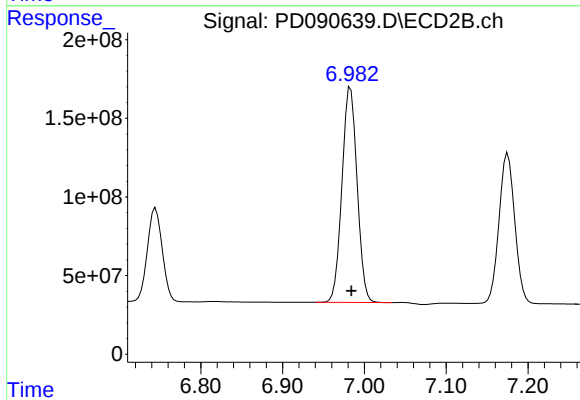
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 234304238
Conc: 47.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170135BS

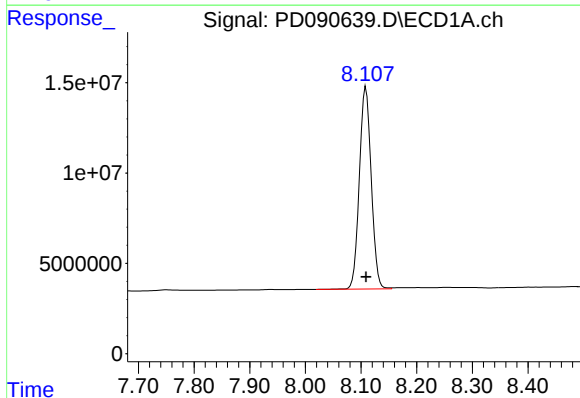
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



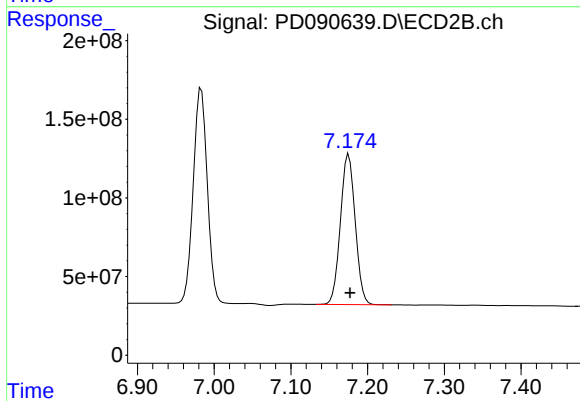
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.001 min
Response: 1751472611
Conc: 48.51 ng/ml



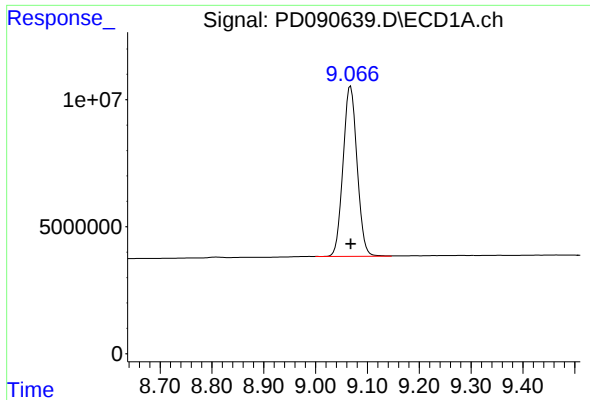
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 165895658
Conc: 44.78 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: -0.002 min
Response: 1281696133
Conc: 46.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 126057804
Conc: 26.13 ng/ml

Instrument :

ECD_D

ClientSampleId :

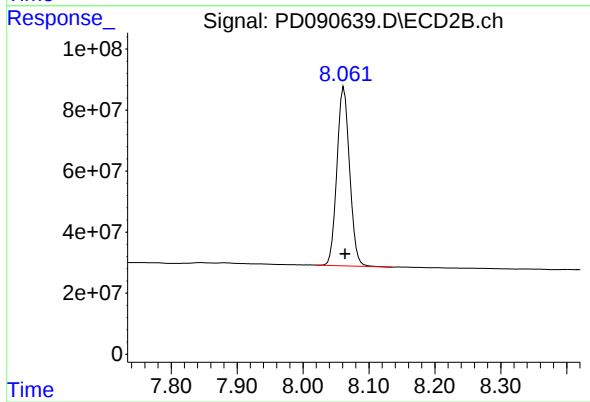
PB170135BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 784125675
Conc: 24.19 ng/ml