

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
 Data File : PD090637.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2025 16:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

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 05:00:32 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	164.5E6	1541.2E6	50.605	56.147
28)	SA Decachlor...	9.069	8.063	228.1E6	1449.0E6	47.272	44.701
Target Compounds							
2)	A alpha-BHC	3.995	3.386	383.9E6	2577.6E6	54.962	58.872
3)	MA gamma-BHC...	4.326	3.723	360.0E6	2371.3E6	54.410	58.212
4)	MA Heptachlor	4.924	4.075	288.1E6	2217.6E6	43.562	54.464 #
5)	MB Aldrin	5.266	4.360	342.9E6	2329.3E6	53.994	58.327
6)	B beta-BHC	4.513	4.019	135.8E6	996.4E6	52.626	57.476
7)	B delta-BHC	4.760	4.255	356.8E6	2391.1E6	55.247m	57.904
8)	B Heptachlo...	5.685	4.865	299.0E6	2089.3E6	52.318m	56.673
9)	A Endosulfan I	6.070	5.239	281.7E6	1910.0E6	52.147	55.193
10)	B gamma-Chl...	5.942	5.117	302.3E6	2241.8E6	52.917	57.062
11)	B alpha-Chl...	6.022	5.182	303.7E6	2144.9E6	52.712	56.947
12)	B 4,4'-DDE	6.192	5.367	275.3E6	2163.0E6	52.872	56.505
13)	MA Dieldrin	6.343	5.504	301.9E6	2189.6E6	52.362	56.221
14)	MA Endrin	6.570	5.781	254.2E6	2007.9E6	51.944	56.036
15)	B Endosulfa...	6.783	6.073	254.0E6	1839.5E6	52.076	54.502
16)	A 4,4'-DDD	6.702	5.922	213.5E6	1779.9E6	52.100	54.889
17)	MA 4,4'-DDT	7.018	6.175	198.4E6	1675.6E6	44.567	48.738
18)	B Endrin al...	6.912	6.251	180.6E6	1318.3E6	52.656	55.988
19)	B Endosulfa...	7.147	6.475	227.5E6	1704.3E6	49.445	52.133
20)	A Methoxychlor	7.491	6.746	97159333	792.1E6	41.230	45.523
21)	B Endrin ke...	7.627	6.984	243.4E6	1797.3E6	49.191	49.782
22)	Mirex	8.110	7.177	173.3E6	1338.4E6	46.765	48.482

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
Data File : PD090637.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2025 16:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

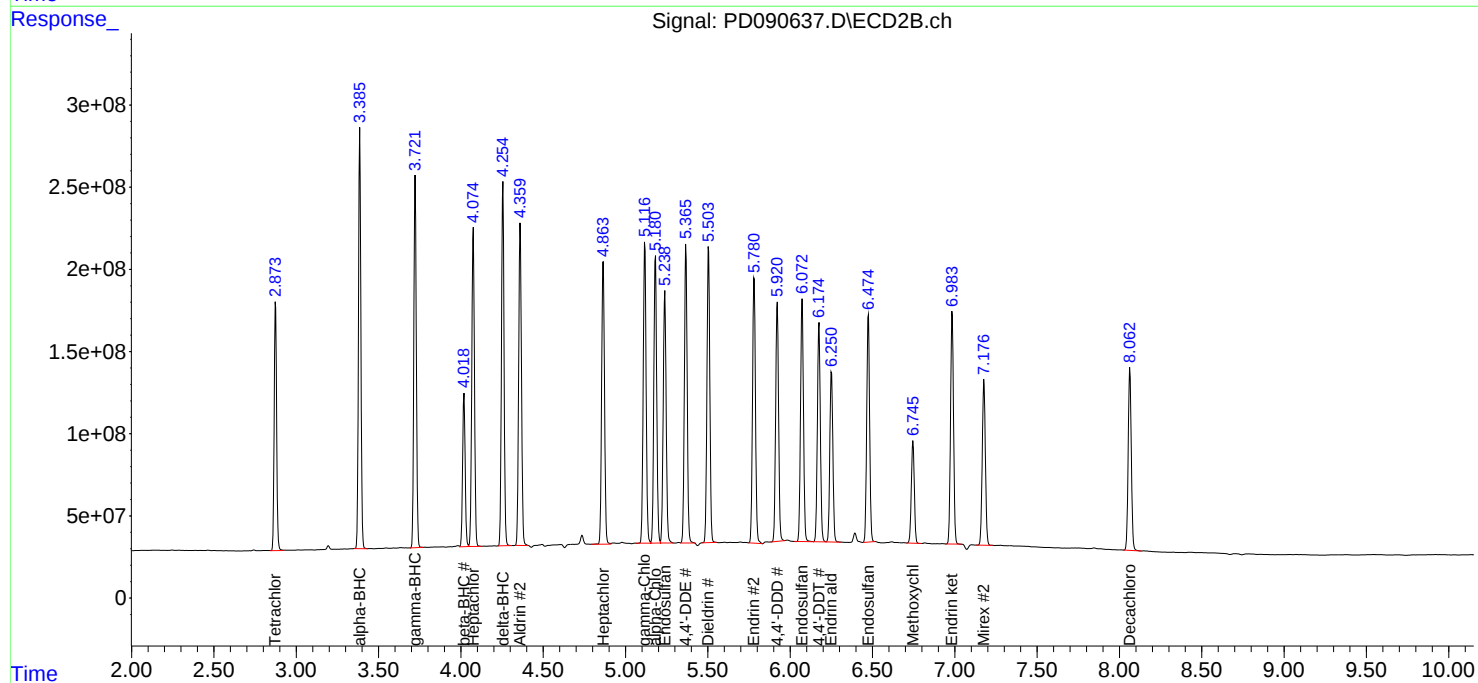
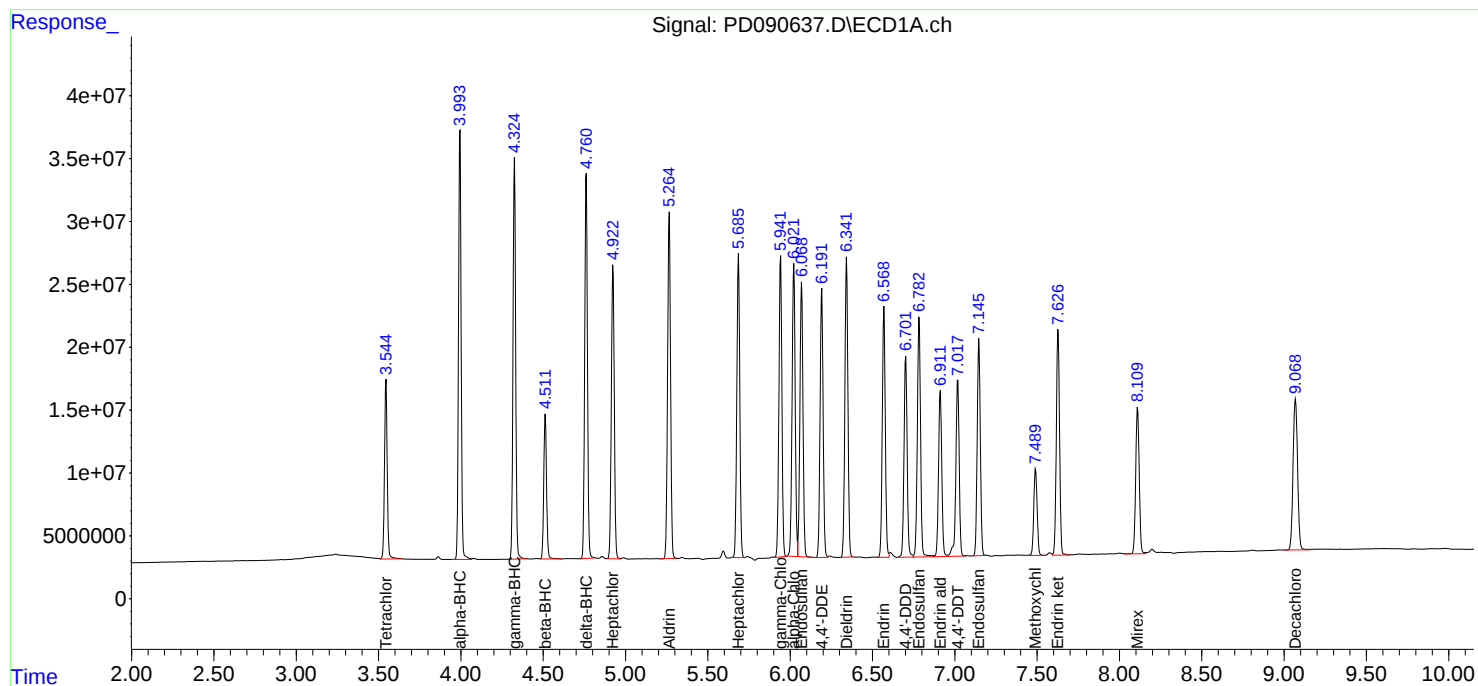
APPROVED

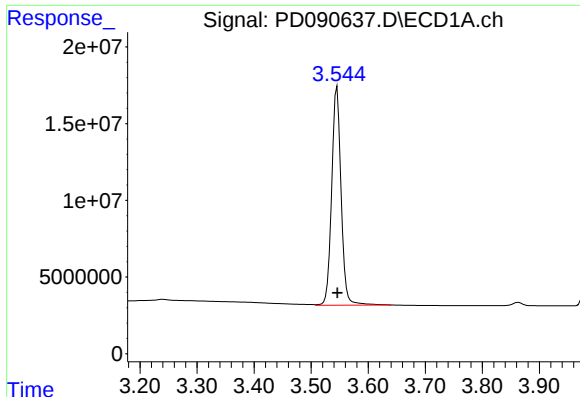
Reviewed By :Abdul Mirza 10/17/2025

Supervised By :Sohil Jodhani 10/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 05:00:32 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





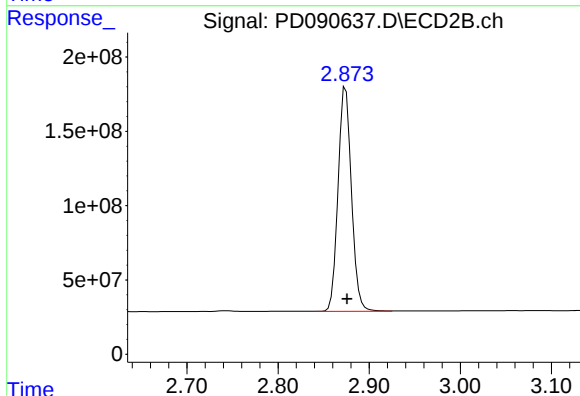
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 164487682
Conc: 50.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

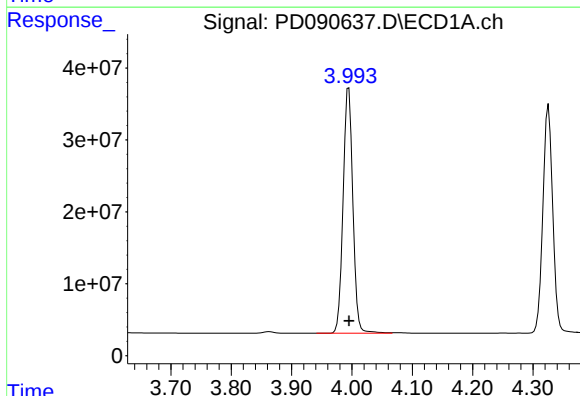
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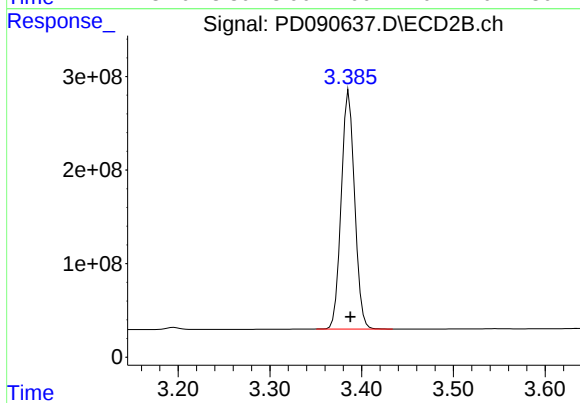
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 1541239265
Conc: 56.15 ng/ml



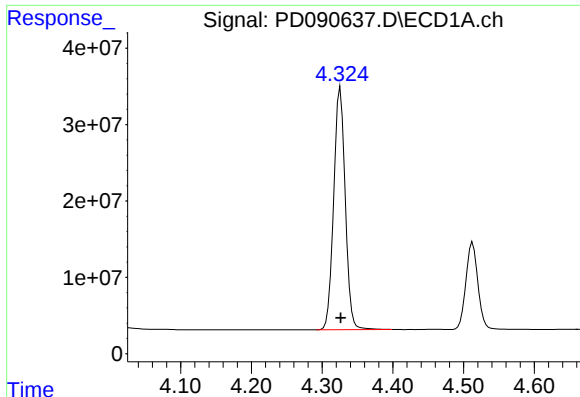
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 383881283
Conc: 54.96 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 2577583063
Conc: 58.87 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 360027665
Conc: 54.41 ng/ml

Instrument :

ECD_D

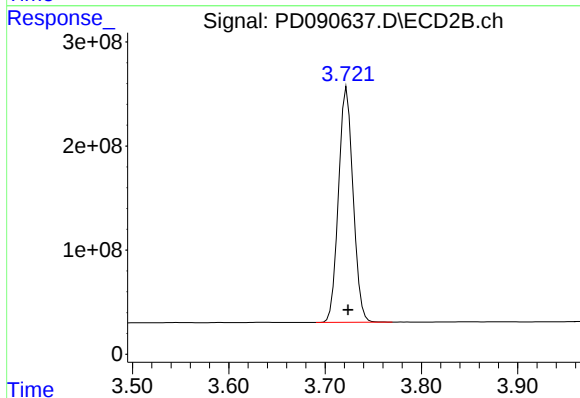
ClientSampleId :

PSTDCCC050

Manual Integrations

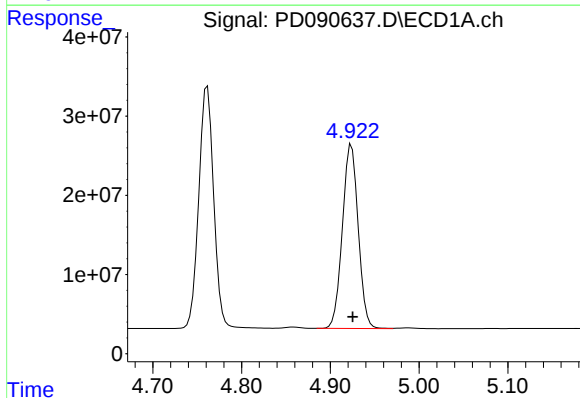
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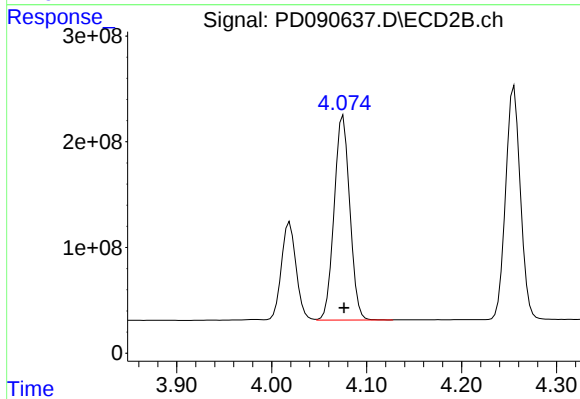
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: -0.001 min
Response: 2371287778
Conc: 58.21 ng/ml



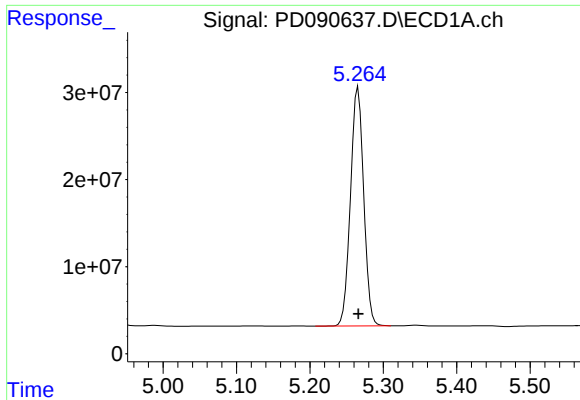
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: -0.001 min
Response: 288056228
Conc: 43.56 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: -0.001 min
Response: 2217589538
Conc: 54.46 ng/ml



#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 342857563
Conc: 53.99 ng/ml

Instrument :

ECD_D

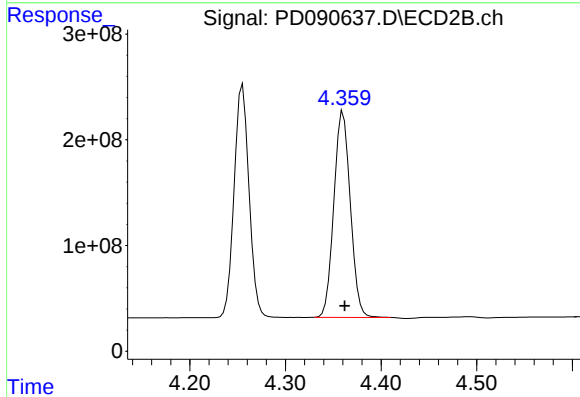
ClientSampleId :

PSTDCCC050

Manual Integrations

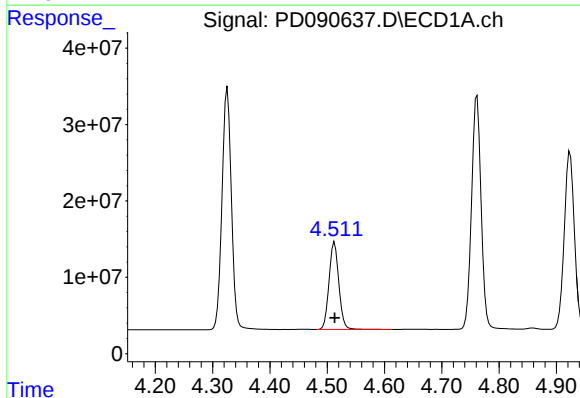
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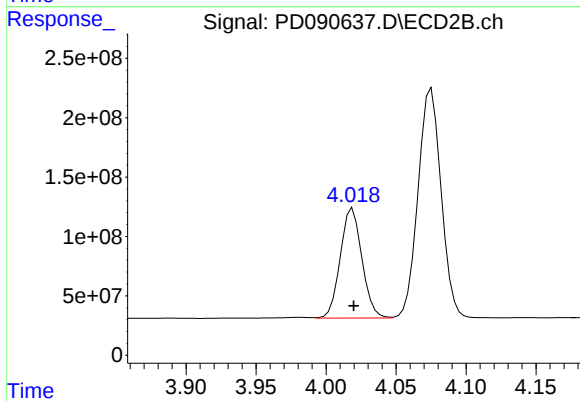
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 2329288745
Conc: 58.33 ng/ml



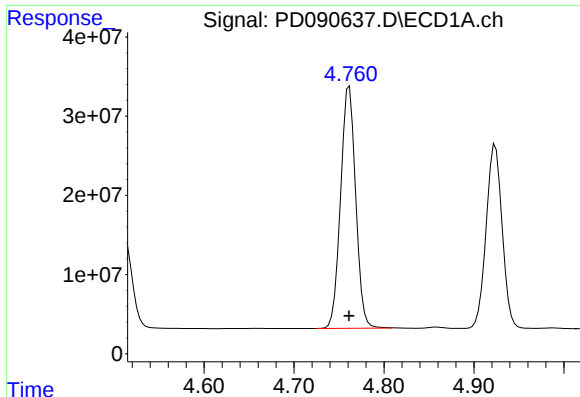
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 135771020
Conc: 52.63 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 996358902
Conc: 57.48 ng/ml



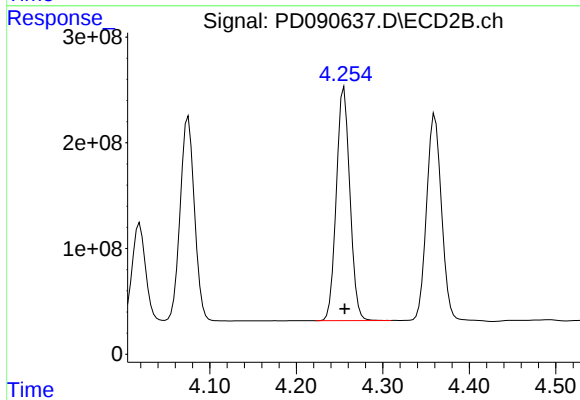
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 356755906
Conc: 55.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

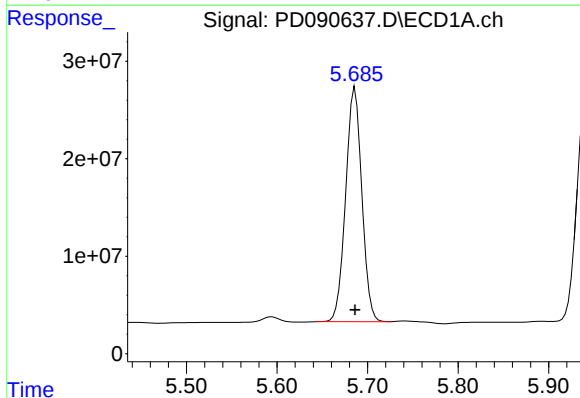
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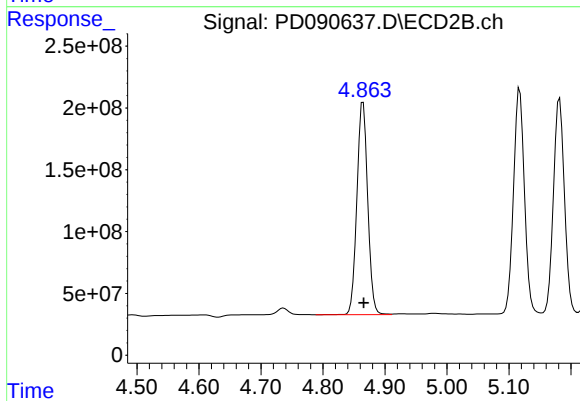
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2391137864
Conc: 57.90 ng/ml



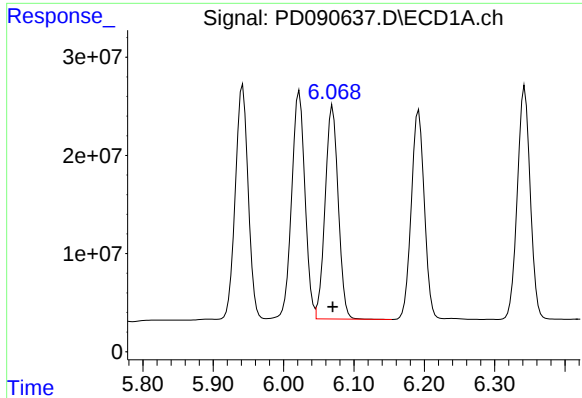
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 298990496
Conc: 52.32 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: -0.001 min
Response: 2089269153
Conc: 56.67 ng/ml



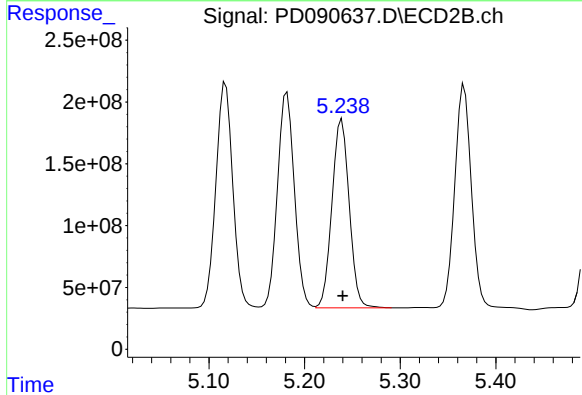
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 281668478
Conc: 52.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

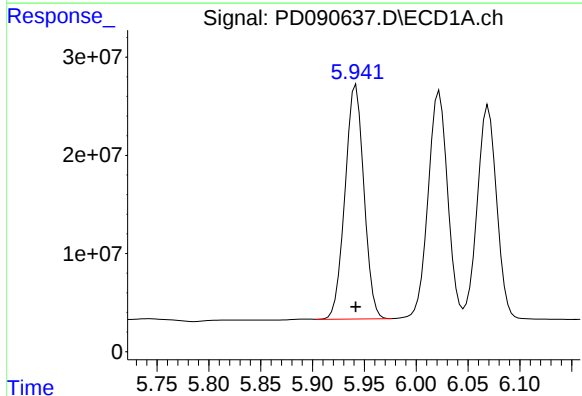
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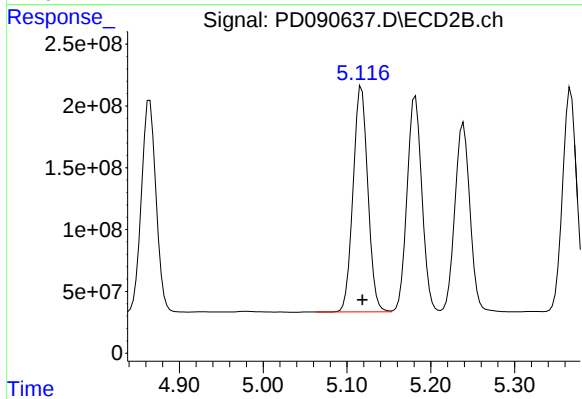
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 1909958081
Conc: 55.19 ng/ml



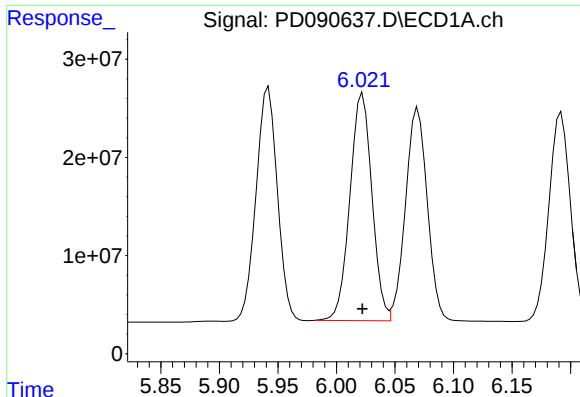
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 302259447
Conc: 52.92 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 2241768491
Conc: 57.06 ng/ml



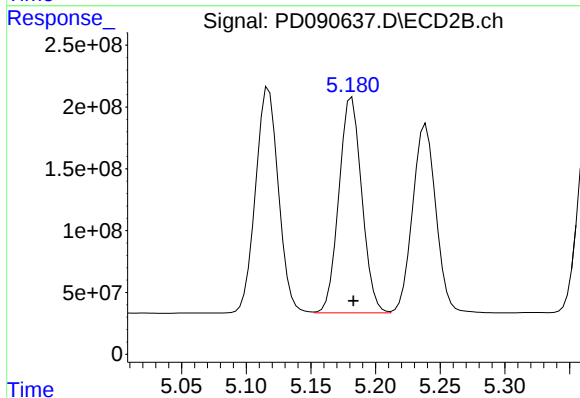
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 303665887
Conc: 52.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

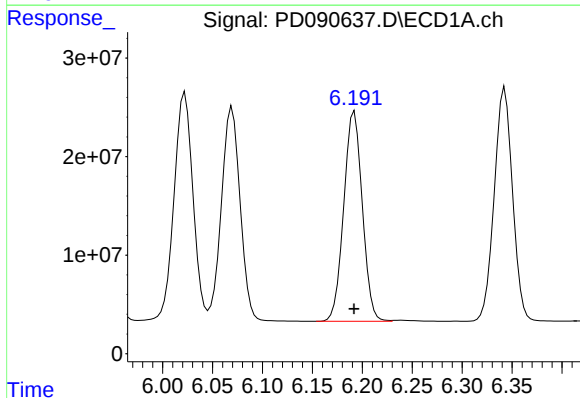
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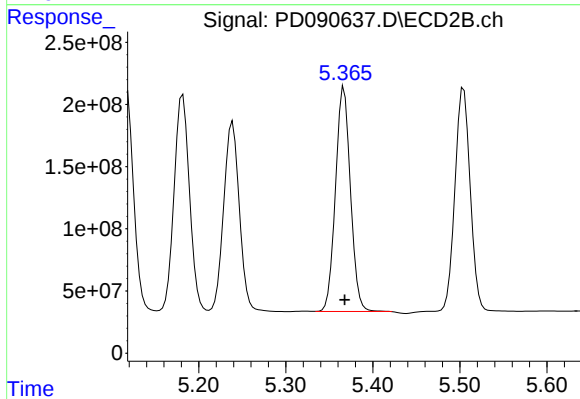
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 2144919137
Conc: 56.95 ng/ml



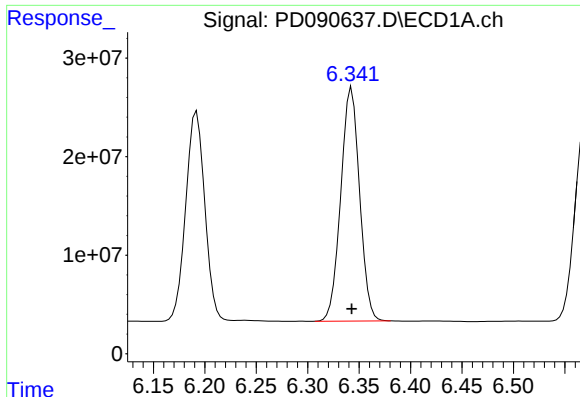
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 275333847
Conc: 52.87 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 2162952028
Conc: 56.50 ng/ml



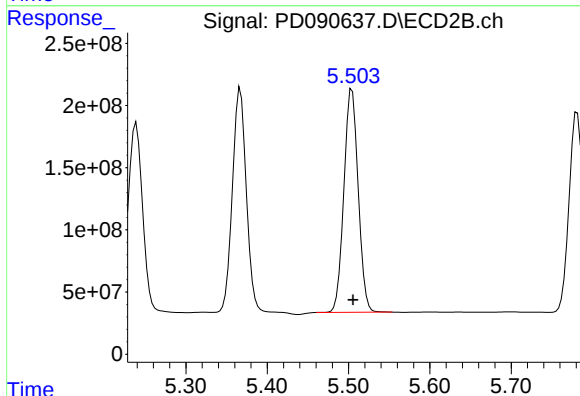
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 301850269
Conc: 52.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

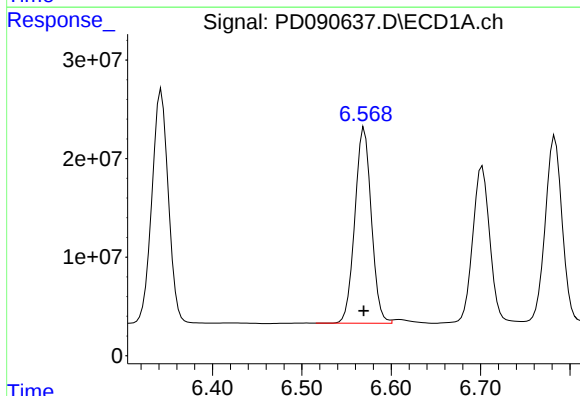
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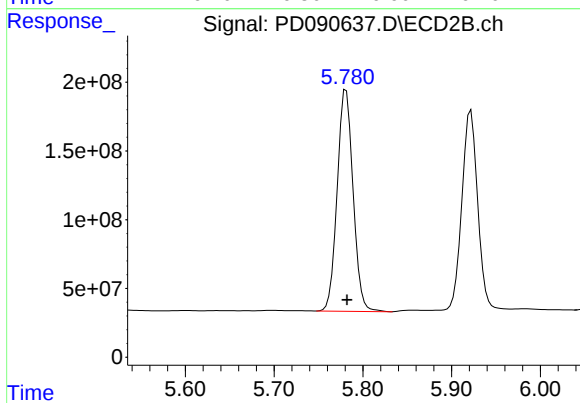
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 2189566725
Conc: 56.22 ng/ml



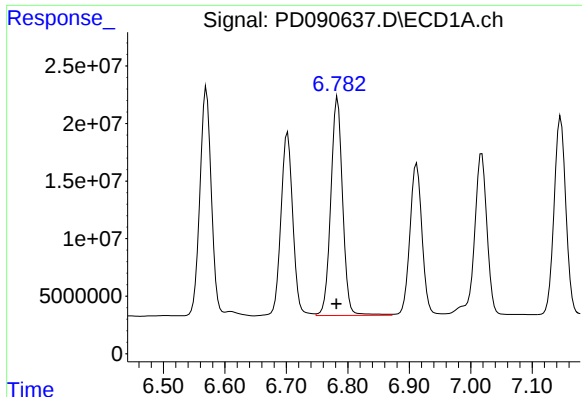
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 254211240
Conc: 51.94 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 2007883230
Conc: 56.04 ng/ml



#15 Endosulfan II

R.T.: 6.783 min
Delta R.T.: 0.002 min
Response: 254016864
Conc: 52.08 ng/ml

Instrument :

ECD_D

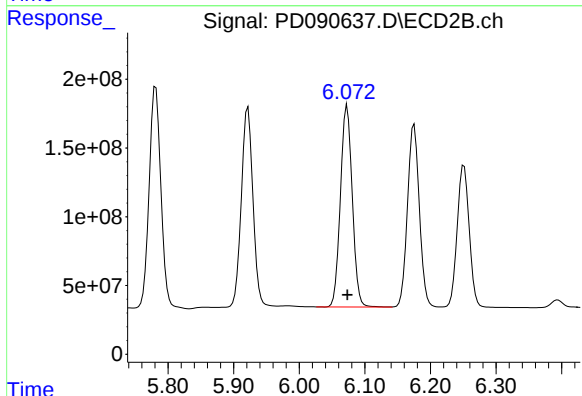
ClientSampleId :

PSTDCCC050

Manual Integrations

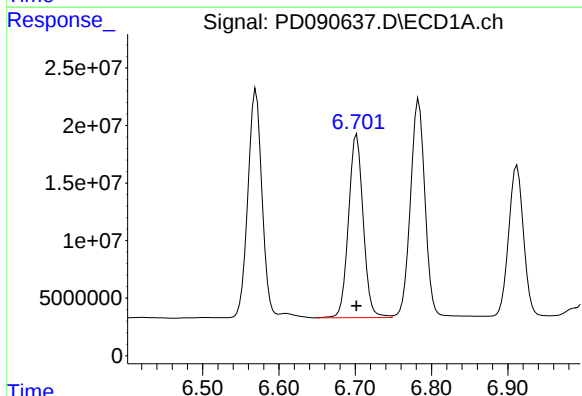
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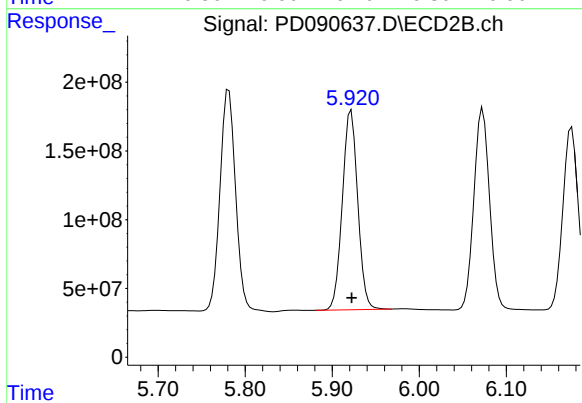
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 1839490310
Conc: 54.50 ng/ml



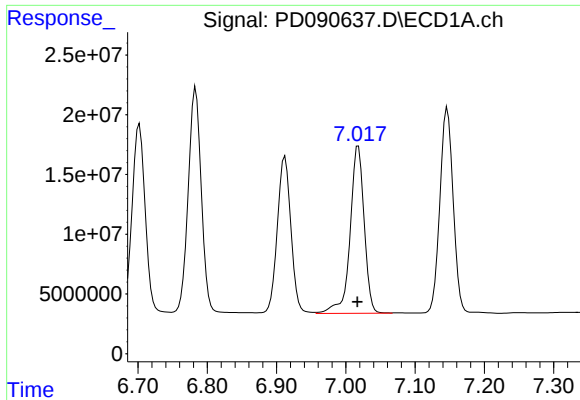
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 213497150
Conc: 52.10 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 1779935403
Conc: 54.89 ng/ml



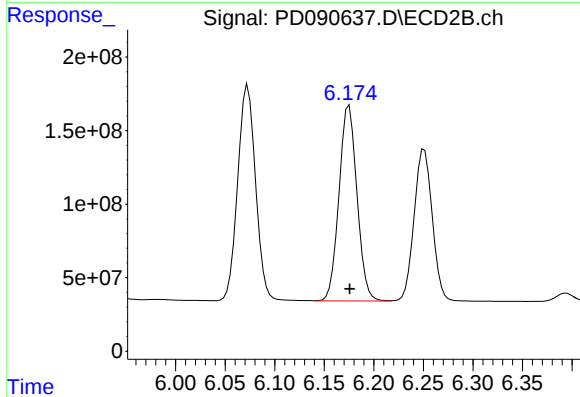
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: 0.001 min
Response: 198431497
Conc: 44.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

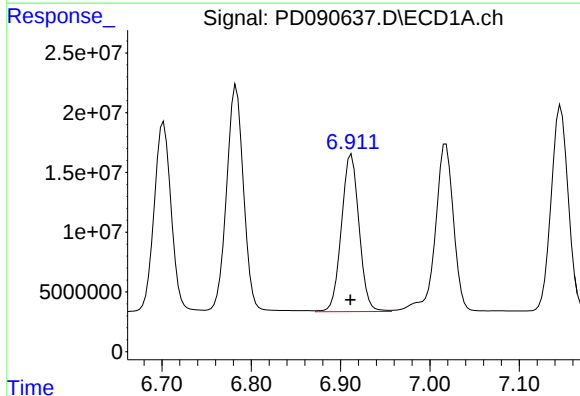
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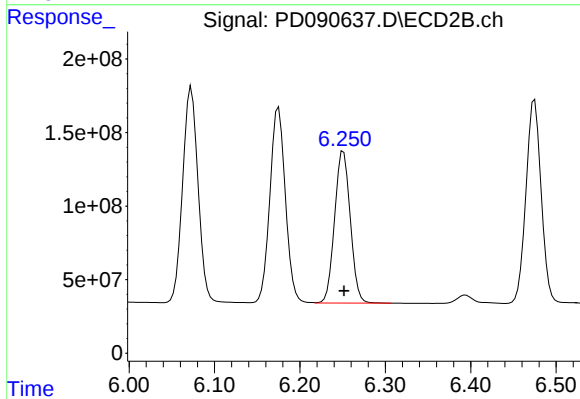
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 1675573543
Conc: 48.74 ng/ml



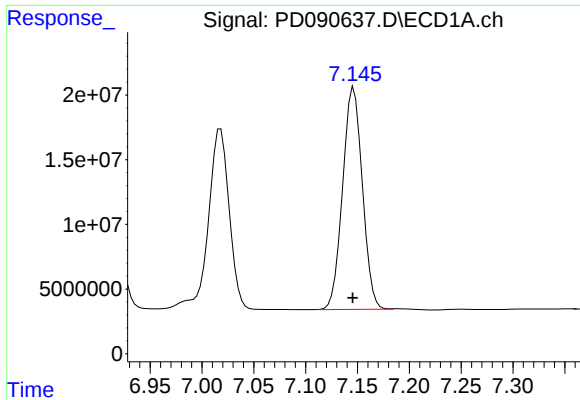
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.001 min
Response: 180639584
Conc: 52.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 1318344172
Conc: 55.99 ng/ml



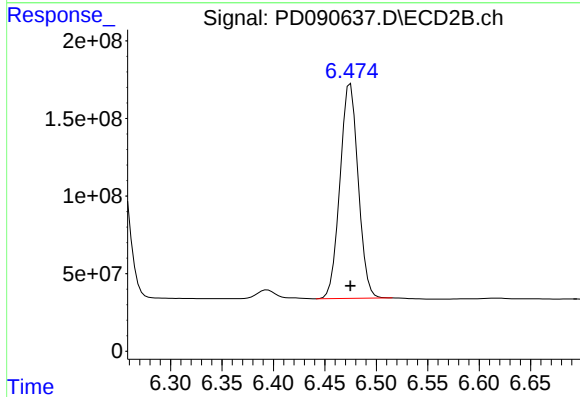
#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: 0.001 min
Response: 227463980
Conc: 49.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
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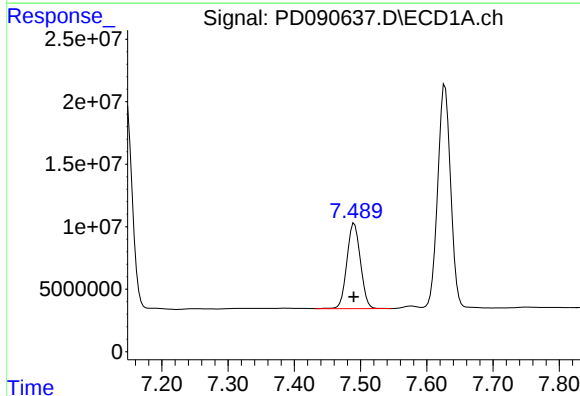
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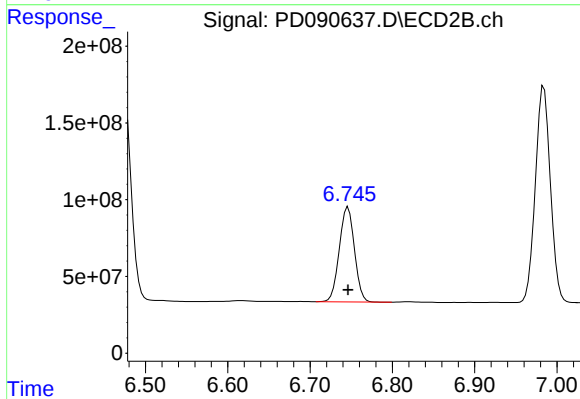
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 1704252583
Conc: 52.13 ng/ml



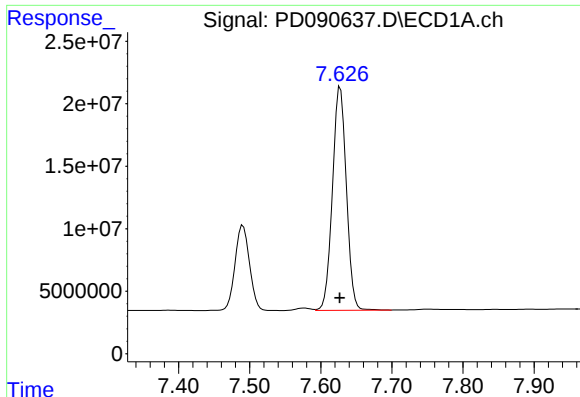
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 97159333
Conc: 41.23 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 792121177
Conc: 45.52 ng/ml



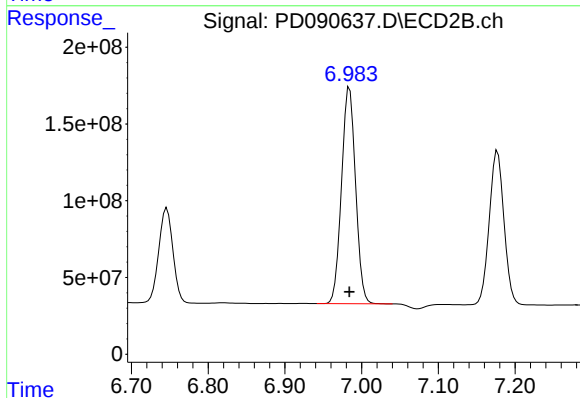
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 243366630
Conc: 49.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

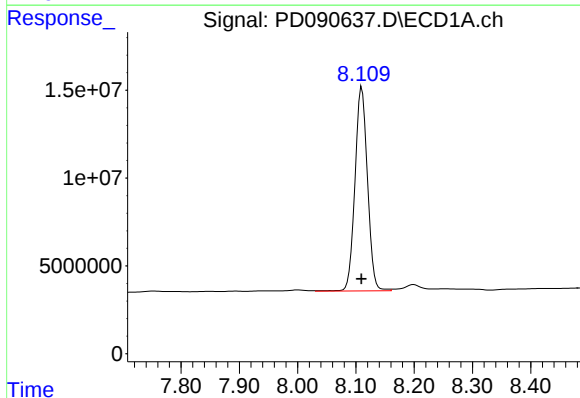
Manual Integrations
APPROVED

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



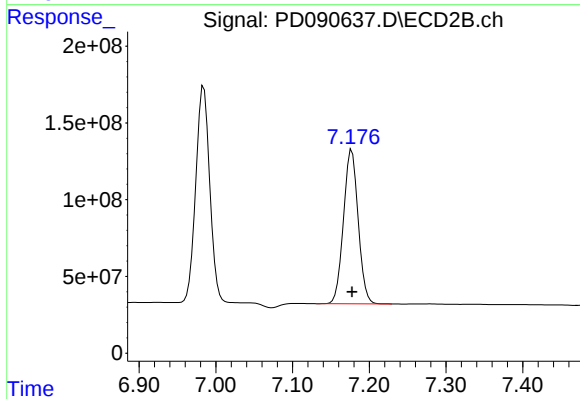
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 1797280406
Conc: 49.78 ng/ml



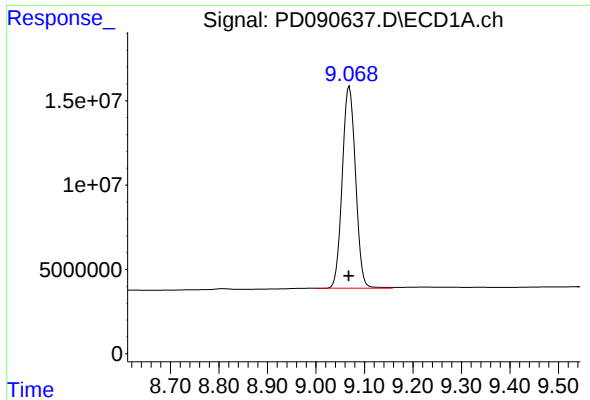
#22 Mirex

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 173257847
Conc: 46.77 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 1338401775
Conc: 48.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.001 min
Response: 228089093
Conc: 47.27 ng/ml

Instrument :

ECD_D

ClientSampleId :

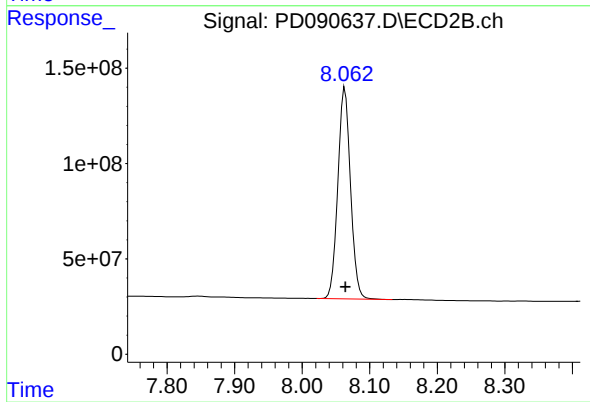
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 1448974683
Conc: 44.70 ng/ml