

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
 Data File : PD090966.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2025 11:07
 Operator : AR\AJ
 Sample : Q3368-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OUTSIDE-DUMPSTERMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2025
 Supervised By :mohammad ahmed 11/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 00:12:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.543	2.873	42899280	448.9E6	13.776m	15.075m
2)	SA Decachlor...	9.065	8.058	55880296	343.0E6	11.945	11.325m
Target Compounds							
2)	A alpha-BHC	3.994	3.386	323.6E6	2197.7E6	45.085	43.011
3)	MA gamma-BHC...	4.324	3.722	300.9E6	1999.8E6	44.265	42.324
4)	MA Heptachlor	4.923	4.074	291.4E6	1949.1E6	52.133	43.698
5)	MB Aldrin	5.263	4.359	273.7E6	1841.2E6	41.811	39.750
6)	B beta-BHC	4.512	4.018	113.9E6	885.6E6	43.469	44.659
7)	B delta-BHC	4.760	4.254	319.1E6	2063.2E6	47.195	43.239
8)	B Heptachlo...	5.684	4.862	242.3E6	1659.6E6	41.855	38.922
9)	A Endosulfan I	6.068	5.237	165.2E6	1553.6E6	29.829	39.440 #
10)	B gamma-Chl...	5.939	5.116	252.1E6	1546.0E6	42.497	34.395
11)	B alpha-Chl...	6.019	5.180	205.0E6	1729.0E6	33.176m	40.082
12)	B 4,4'-DDE	6.189	5.363	221.2E6	1720.2E6	41.527	39.240m
13)	MA Dieldrin	6.340	5.502	253.4E6	1777.5E6	43.458	40.229
14)	MA Endrin	6.568	5.779	212.4E6	1582.6E6	42.869	39.082
15)	B Endosulfa...	6.780	6.070	218.5E6	1423.6E6	43.695	37.908
16)	A 4,4'-DDD	6.699	5.919	176.7E6	1225.3E6	43.583	33.626
17)	MA 4,4'-DDT	7.015	6.172	193.4E6	1393.5E6	47.058	39.732
18)	B Endrin al...	6.908	6.248	156.8E6	1063.1E6	42.799m	38.390
19)	B Endosulfa...	7.144	6.472	178.4E6	1414.7E6	38.473	39.468
20)	A Methoxychlor	7.488	6.742	108.1E6	749.3E6	50.844	42.995
21)	B Endrin ke...	7.625	6.981	220.4E6	1487.8E6	45.365	39.447
22)	Mirex	8.108	7.173	127.0E6	938.0E6	39.671	36.511

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090966.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 11:07
Operator : AR\AJ
Sample : Q3368-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

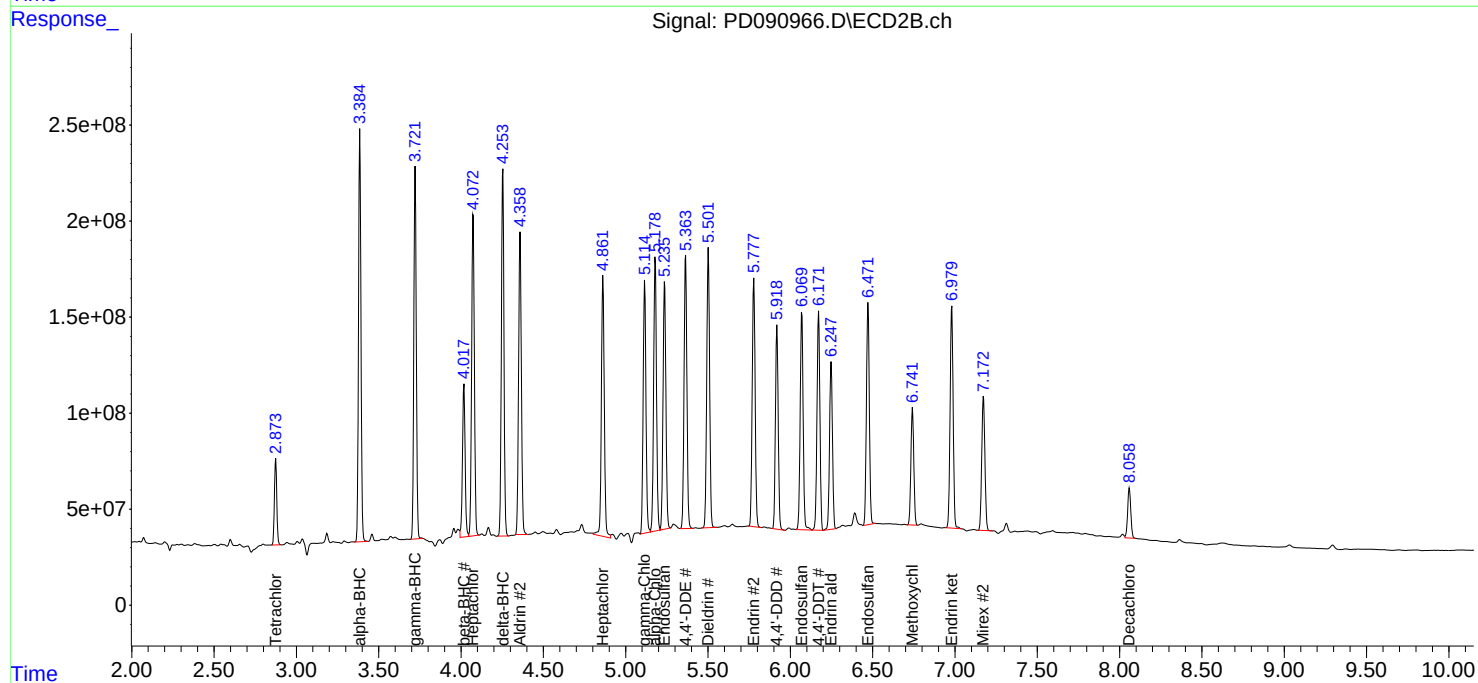
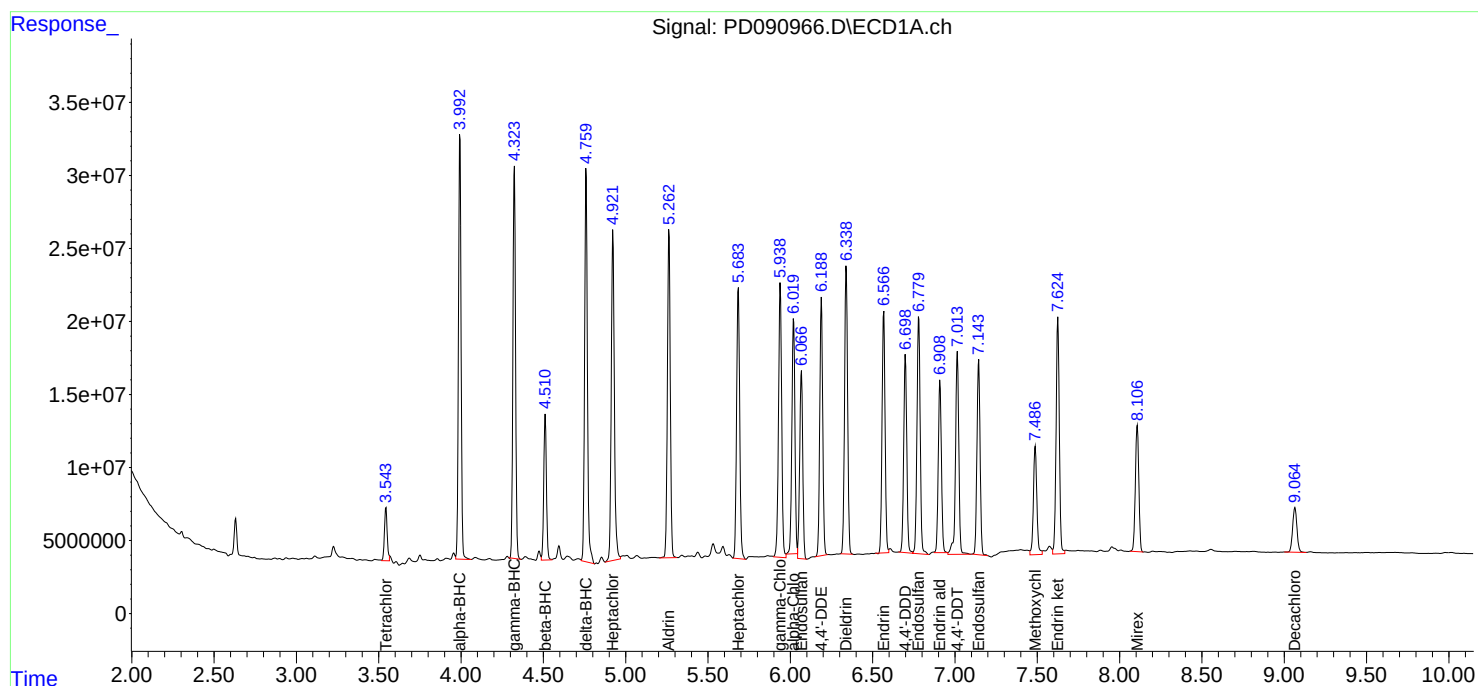
Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

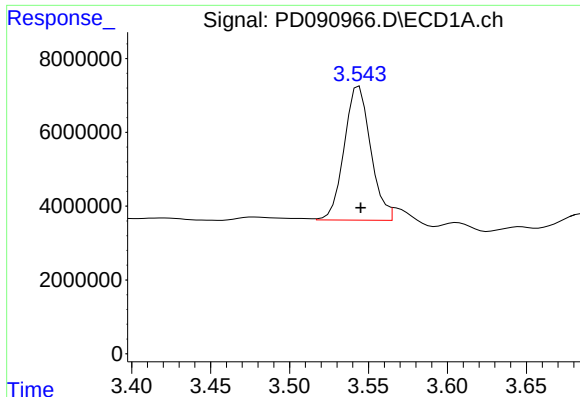
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:12:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
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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





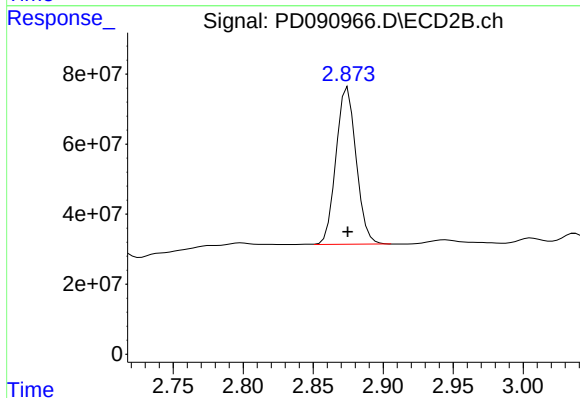
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 42899280
Conc: 13.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
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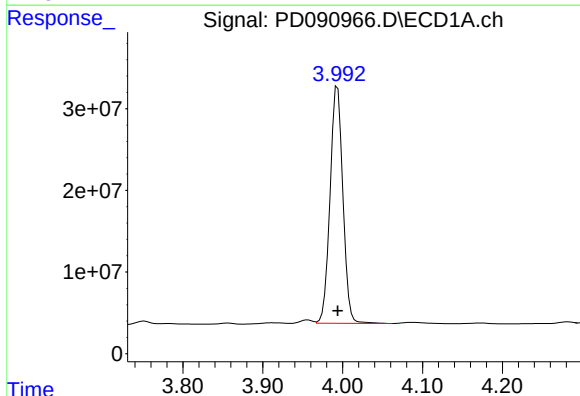
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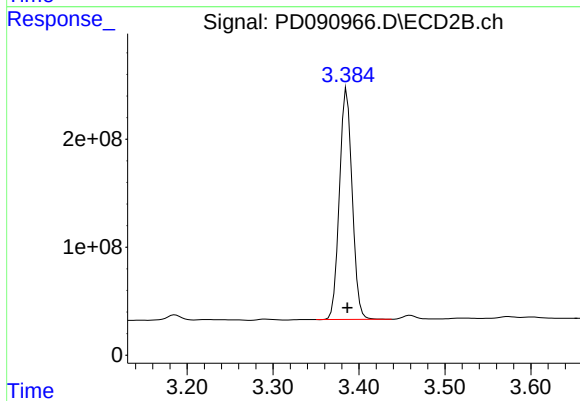
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 448883540
Conc: 15.07 ng/ml m



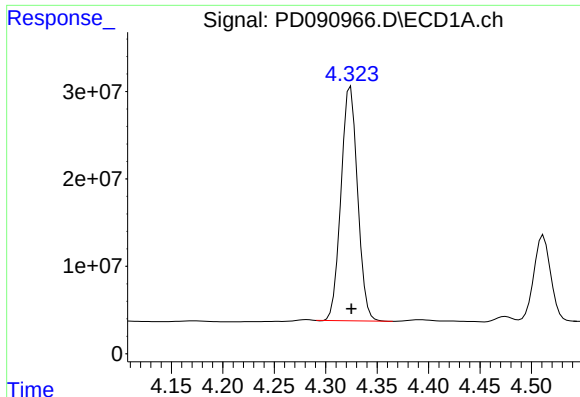
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 323583071
Conc: 45.09 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2197665468
Conc: 43.01 ng/ml



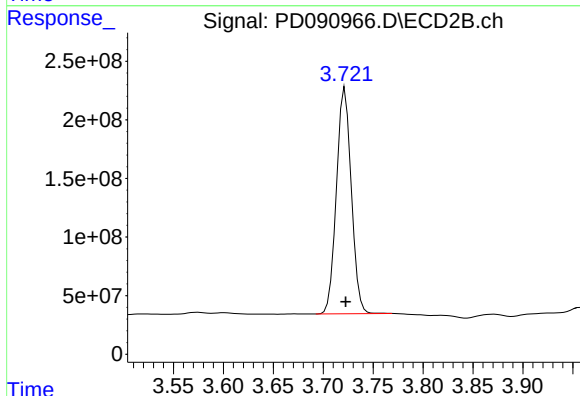
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 300949120
Conc: 44.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

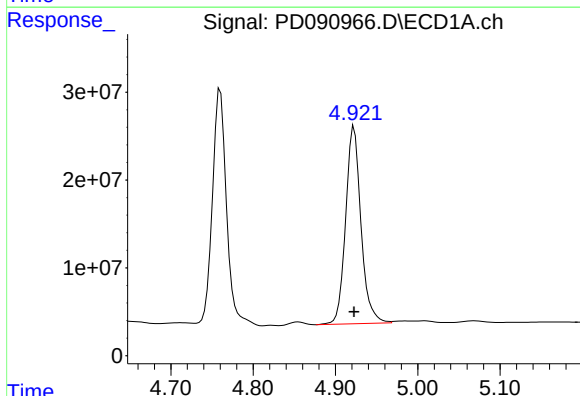
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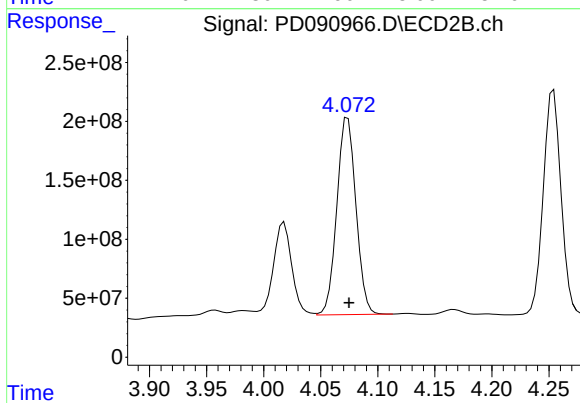
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 1999760252
Conc: 42.32 ng/ml



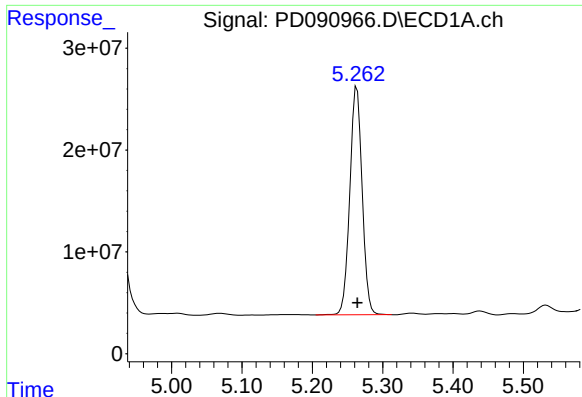
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 291400018
Conc: 52.13 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: -0.001 min
Response: 1949053452
Conc: 43.70 ng/ml



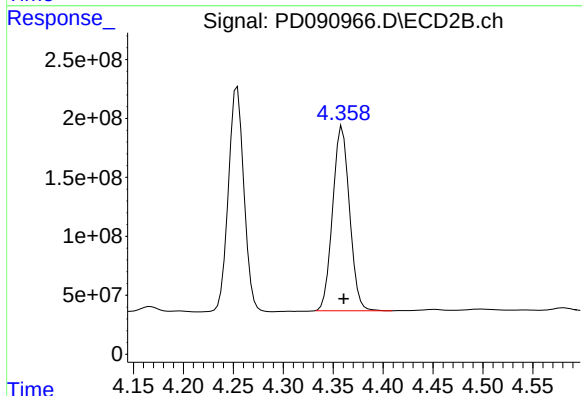
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 273744871
Conc: 41.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

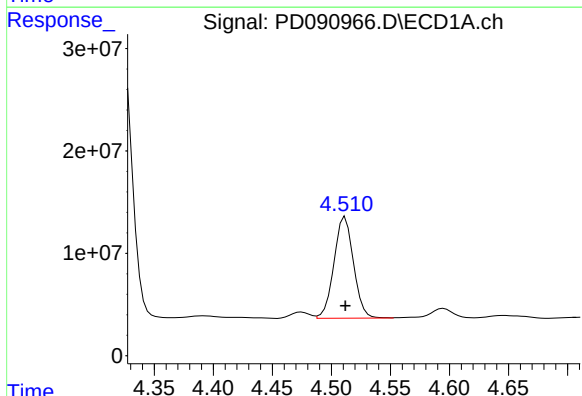
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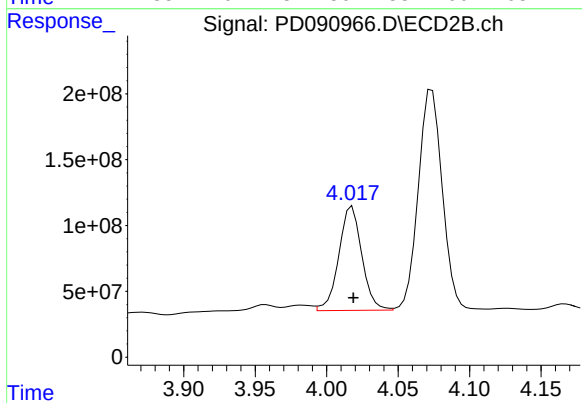
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.001 min
Response: 1841175837
Conc: 39.75 ng/ml



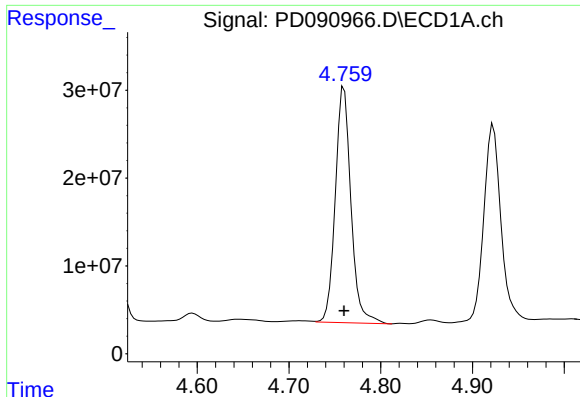
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 113873878
Conc: 43.47 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 885563514
Conc: 44.66 ng/ml



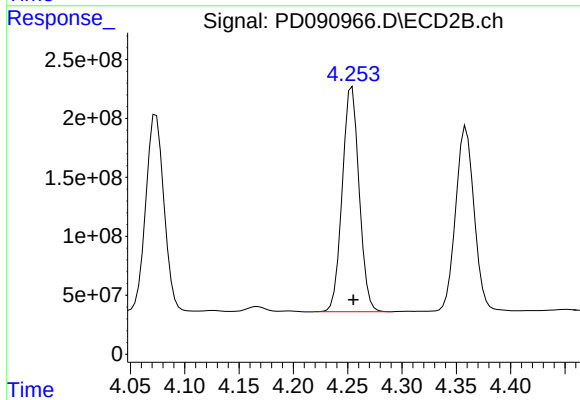
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 319120781
Conc: 47.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

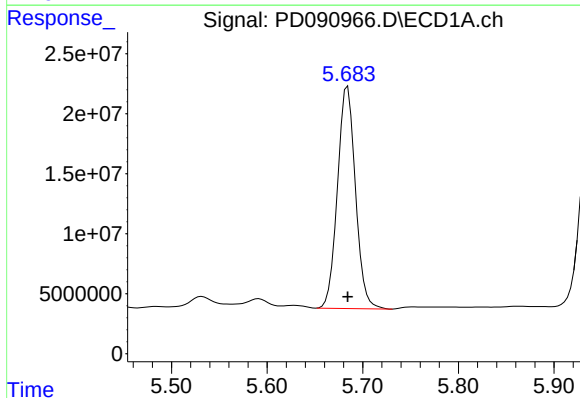
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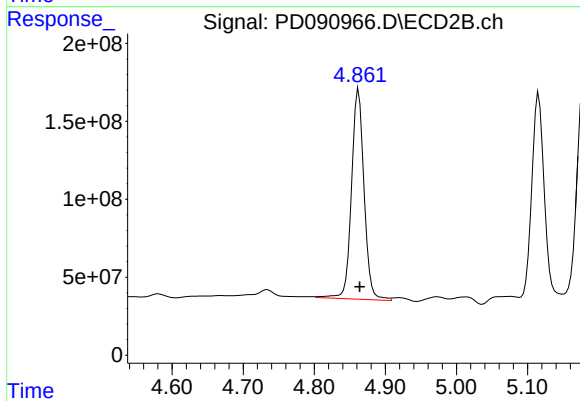
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2063207677
Conc: 43.24 ng/ml



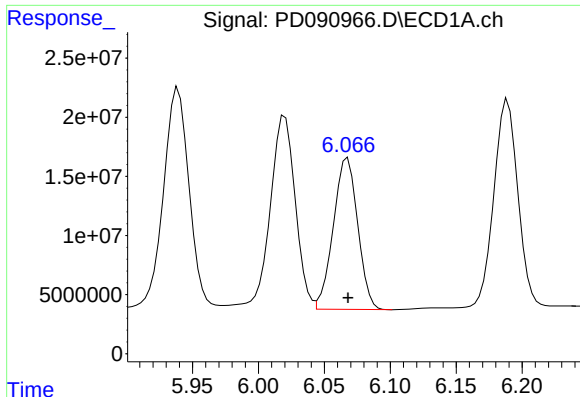
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 242300741
Conc: 41.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 1659595087
Conc: 38.92 ng/ml



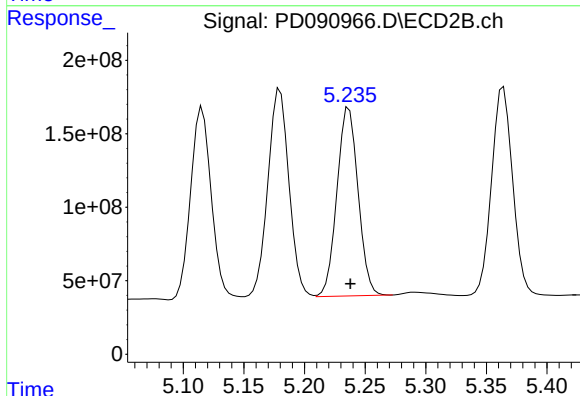
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 165151873
Conc: 29.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

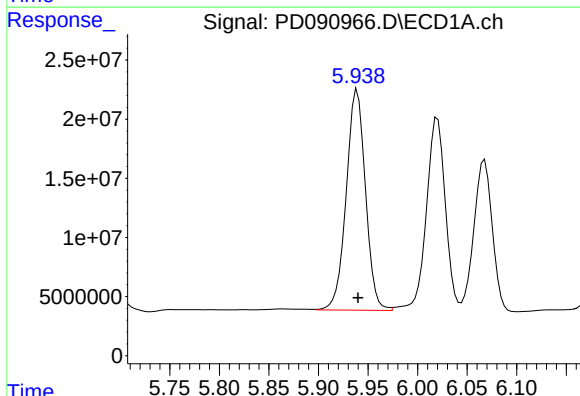
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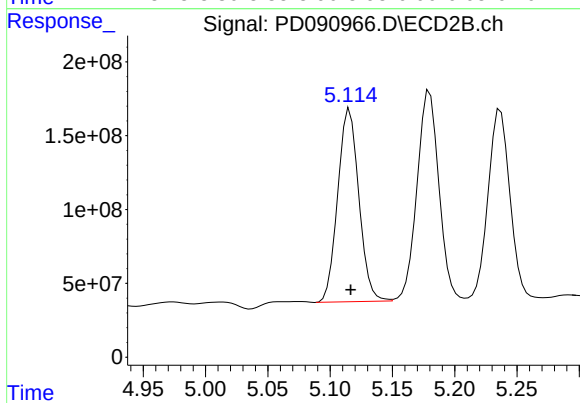
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1553551843
Conc: 39.44 ng/ml



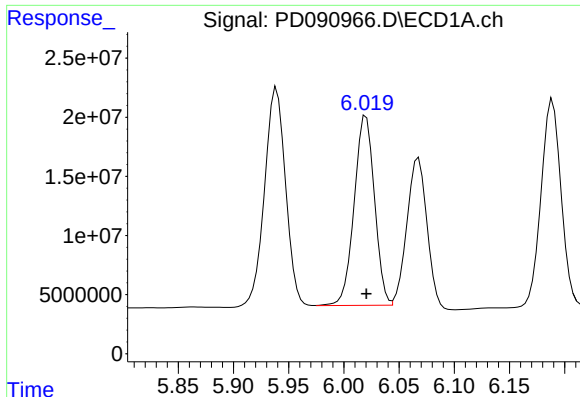
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 252058965
Conc: 42.50 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 1545996792
Conc: 34.39 ng/ml



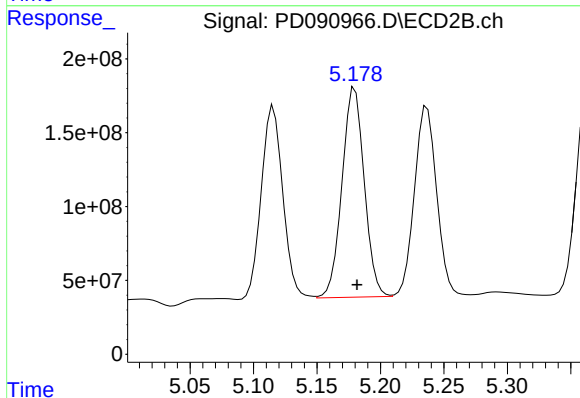
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 205038713
Conc: 33.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

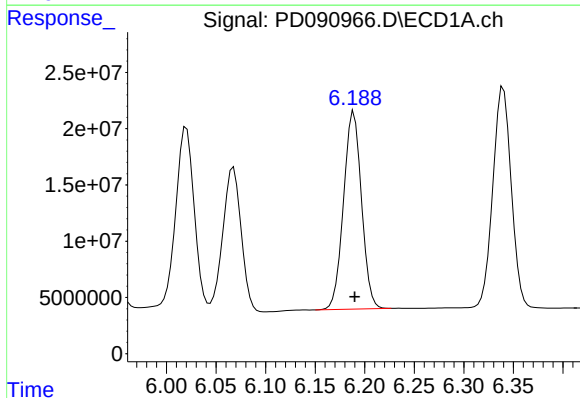
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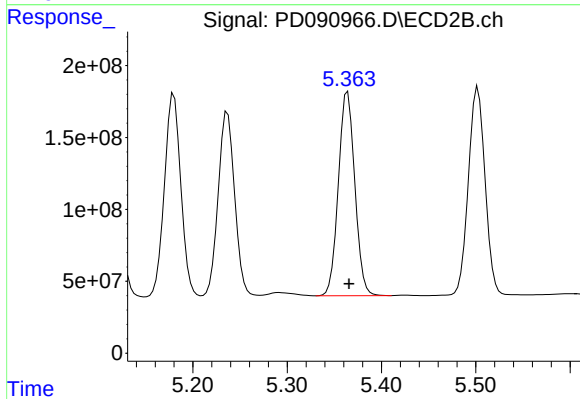
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 1729032126
Conc: 40.08 ng/ml



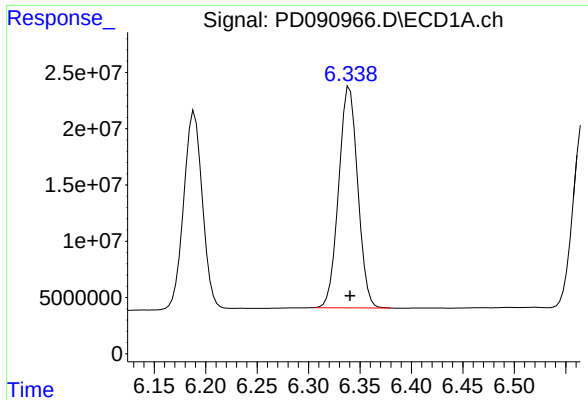
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 221196626
Conc: 41.53 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 1720226517
Conc: 39.24 ng/ml m



#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 253416612
Conc: 43.46 ng/ml

Instrument :

ECD_D

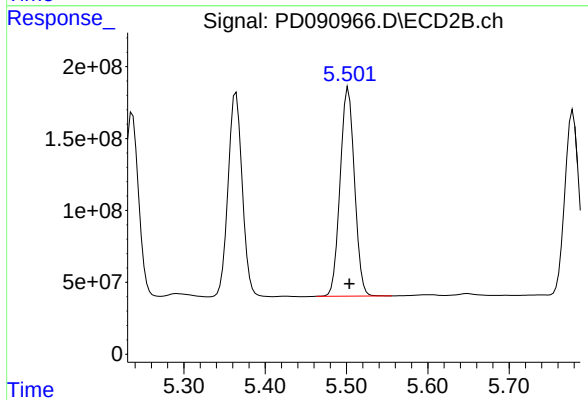
ClientSampleId :

OUTSIDE-DUMPSTERMSD

Manual Integrations

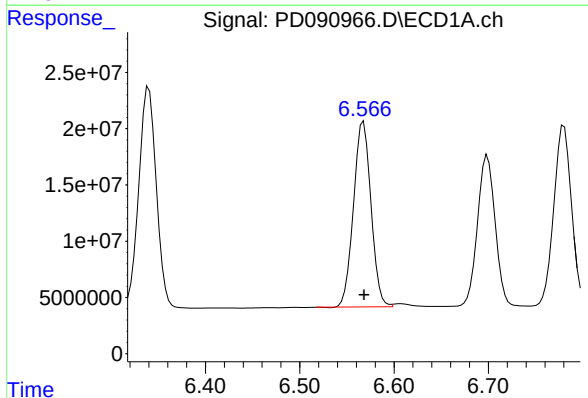
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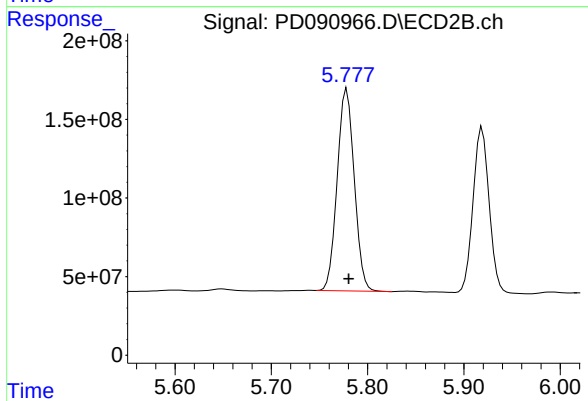
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 1777490873
Conc: 40.23 ng/ml



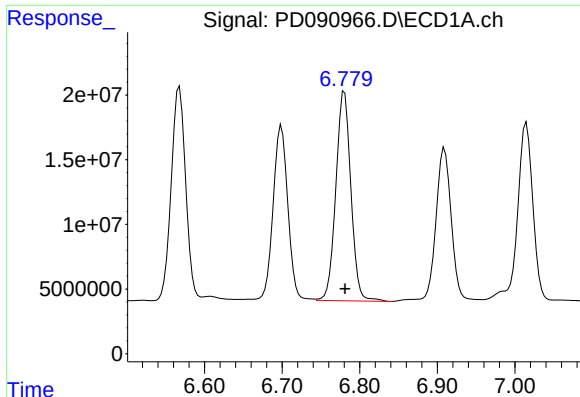
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 212361290
Conc: 42.87 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 1582593806
Conc: 39.08 ng/ml



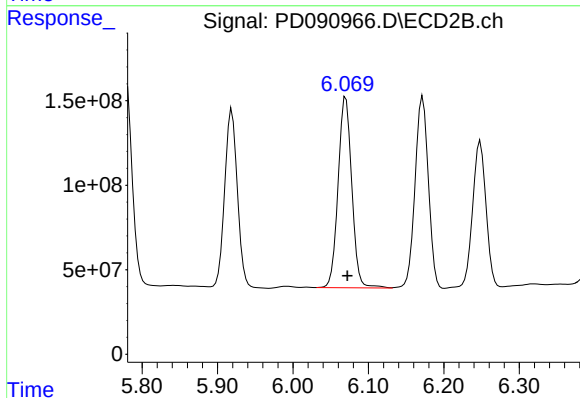
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 218471180
Conc: 43.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

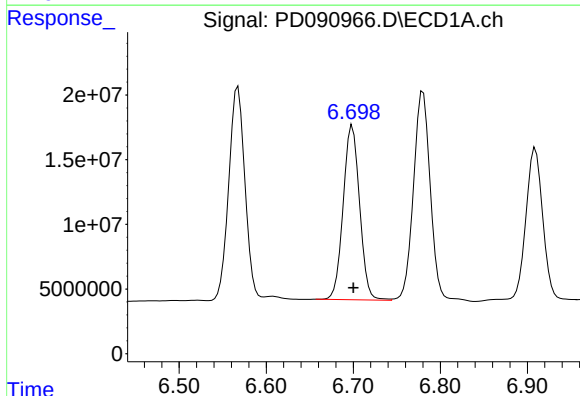
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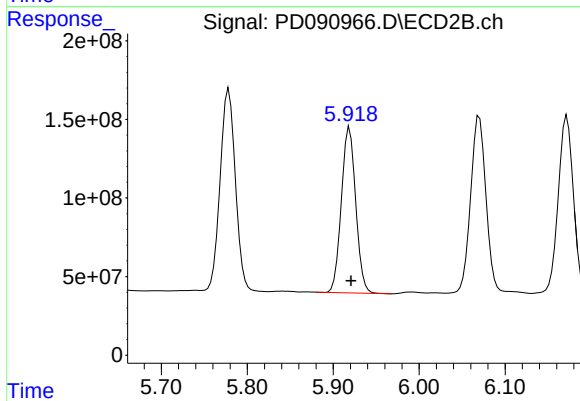
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 1423639914
Conc: 37.91 ng/ml



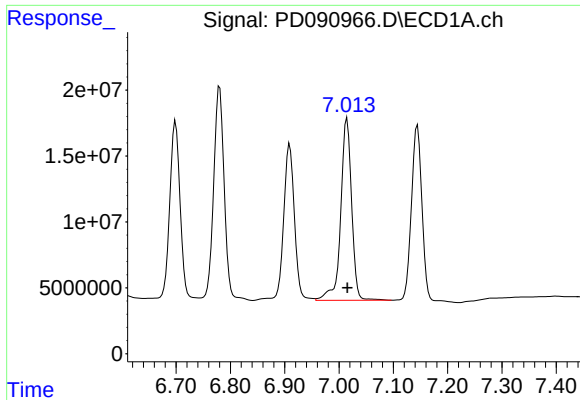
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.001 min
Response: 176695453
Conc: 43.58 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1225282883
Conc: 33.63 ng/ml



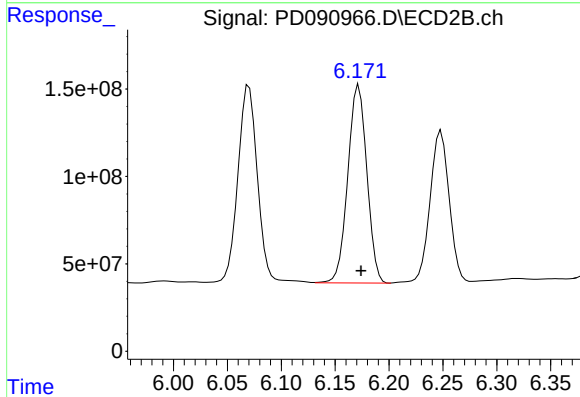
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 193432043
Conc: 47.06 ng/ml

Instrument :
ECD_D
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OUTSIDE-DUMPSTERMSD

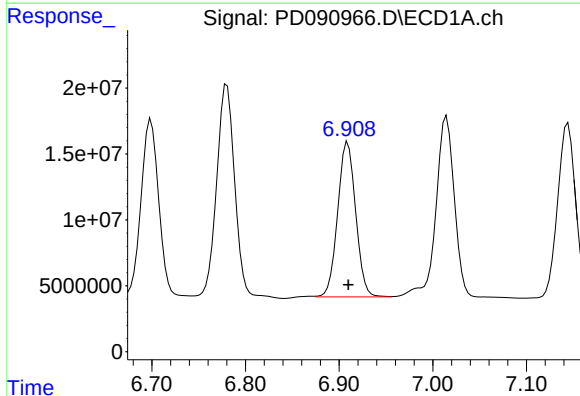
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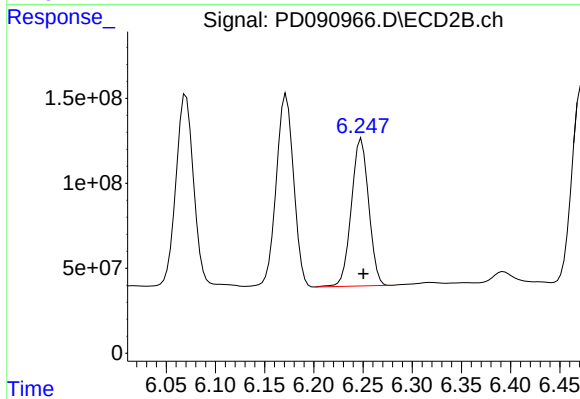
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1393529645
Conc: 39.73 ng/ml



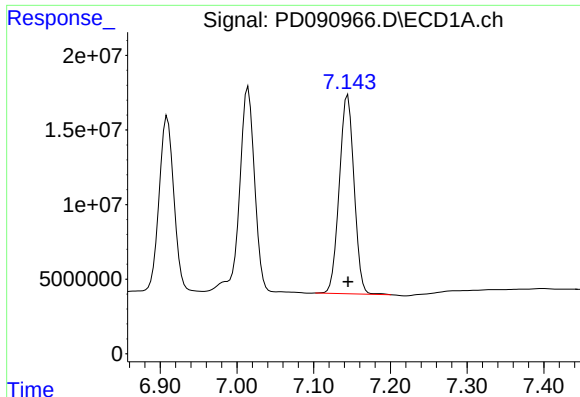
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 156761288
Conc: 42.80 ng/ml m



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 1063122177
Conc: 38.39 ng/ml



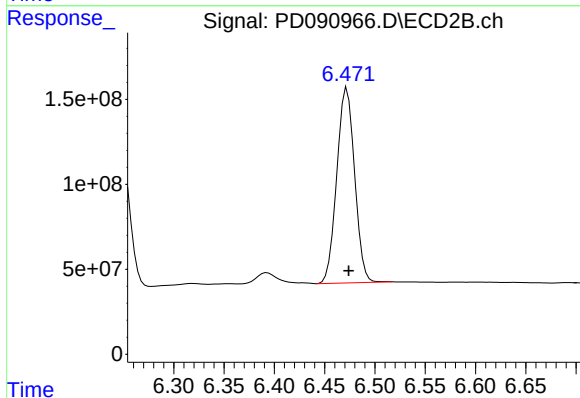
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 178442916
Conc: 38.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

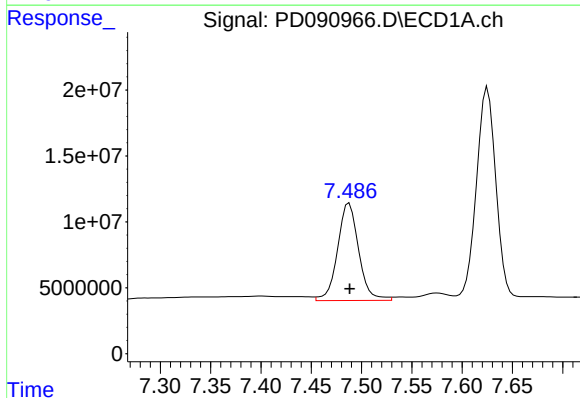
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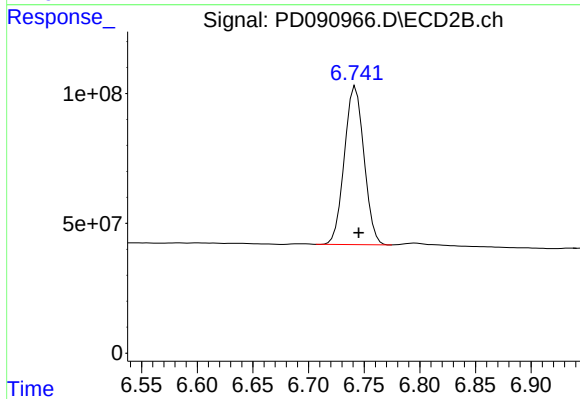
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1414744706
Conc: 39.47 ng/ml



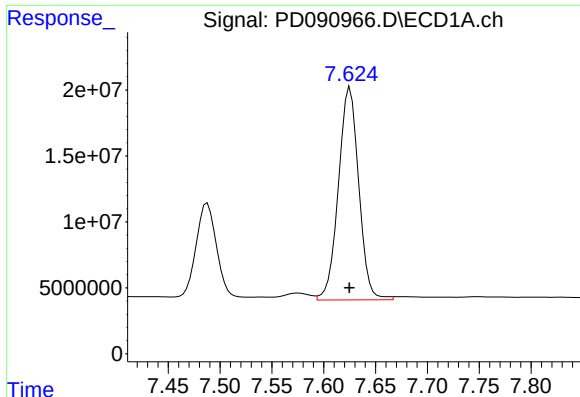
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 108073270
Conc: 50.84 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 749316184
Conc: 43.00 ng/ml



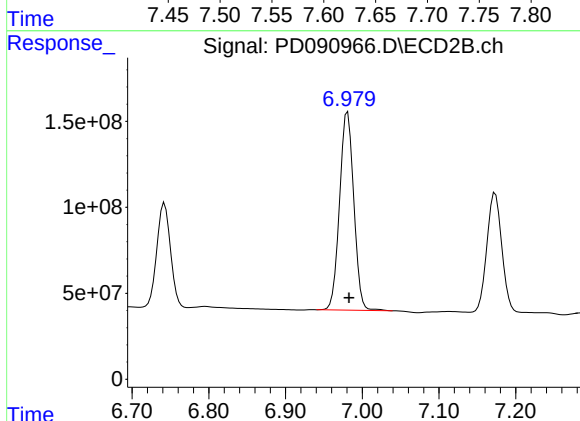
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 220420511
Conc: 45.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

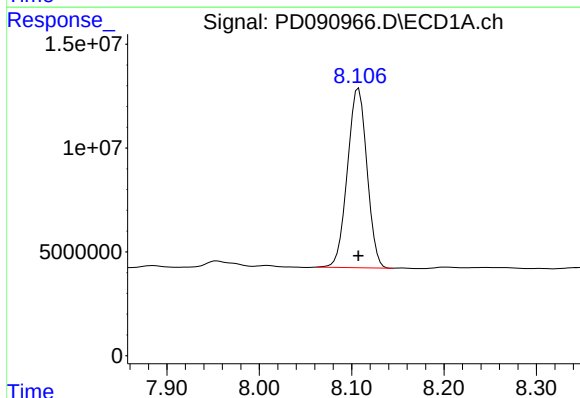
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2025
Supervised By :mohammad ahmed 11/06/2025



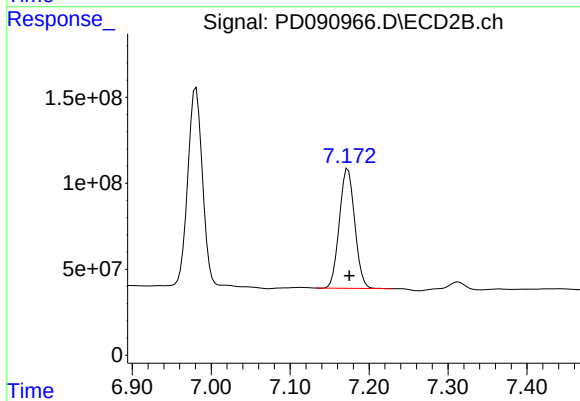
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 148783555
Conc: 39.45 ng/ml



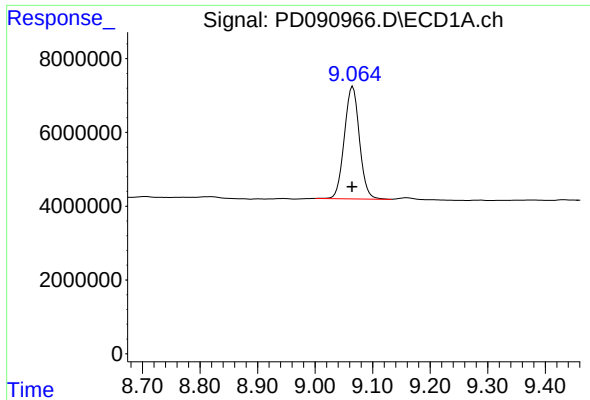
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 126980165
Conc: 39.67 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 937996434
Conc: 36.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.001 min
Response: 55880296
Conc: 11.95 ng/ml

Instrument :

ECD_D

ClientSampleId :

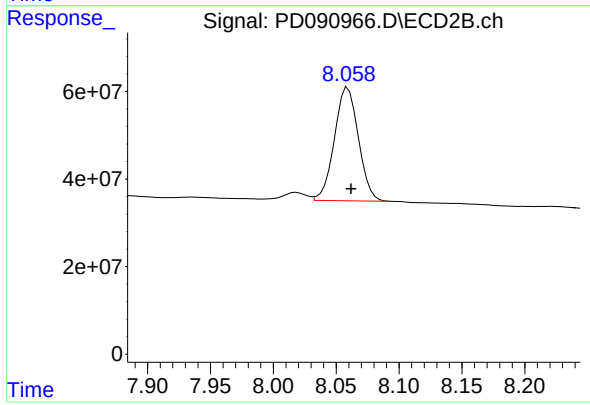
OUTSIDE-DUMPSTERMSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 343040226
Conc: 11.32 ng/ml m