

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040921\
 Data File : PD062099.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2021 19:57
 Operator : AR\AJ
 Sample : M1966-07MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MW-123RMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 05:58:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032921.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 30 04:47:56 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.484	3.980	16971393	178.9E6	20.269	20.584
28)	SA Decachlor...	8.254	9.037	15230827	96626457	12.378	10.235
Target Compounds							
2)	A alpha-BHC	3.923	4.369	71839254	711.9E6	56.879	52.929
3)	MA gamma-BHC...	4.208	4.653	72301936	695.0E6	60.898	55.720
4)	MA Heptachlor	4.512	5.161	67146010	531.6E6	57.677	40.797 #
5)	MB Aldrin	4.760	5.466	88176458	648.3E6	73.472	52.097 #
6)	B beta-BHC	4.457	4.824	32111203	172.8E6	58.885m	33.457 #
7)	B delta-BHC	4.665	5.041	75477313	416.6E6	62.131	31.499 #
8)	B Heptachlo...	5.206	5.849	79544588	308.3E6	69.390	26.038 #
9)	A Endosulfan I	5.544	6.208	71117033	552.6E6	64.763m	50.978
10)	B gamma-Chl...	5.431	6.085	83474167	608.9E6	71.263m	51.367 #
11)	B alpha-Chl...	5.490	6.157	72846592	534.4E6	62.690m	46.879 #
12)	B 4,4'-DDE	5.654	6.314	58656031	469.0E6	52.200	40.694
13)	MA Dieldrin	5.789	6.464	68689383	623.7E6	59.425	54.036
14)	MA Endrin	6.048	6.682	63722914	532.1E6	62.017	53.768
15)	B Endosulfa...	6.321	6.891	60401885	549.1E6	58.935	57.828
16)	A 4,4'-DDD	6.171	6.804	53283321	443.1E6	57.255	46.794
17)	MA 4,4'-DDT	6.414	7.102	51225131	455.5E6	56.871	47.688
18)	B Endrin al...	6.490	7.015	49277317	421.8E6	57.677	53.634
19)	B Endosulfa...	6.704	7.238	64286041	552.0E6	59.577	55.078
20)	A Methoxychlor	6.960	7.560	33378483	255.3E6	70.642	56.634
21)	B Endrin ke...	7.198	7.708	72960363	543.8E6	57.168	53.612
22)	Mirex	7.388	8.162	48536192	311.7E6	58.909	48.364

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040921\
Data File : PD062099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2021 19:57
Operator : AR\AJ
Sample : M1966-07MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

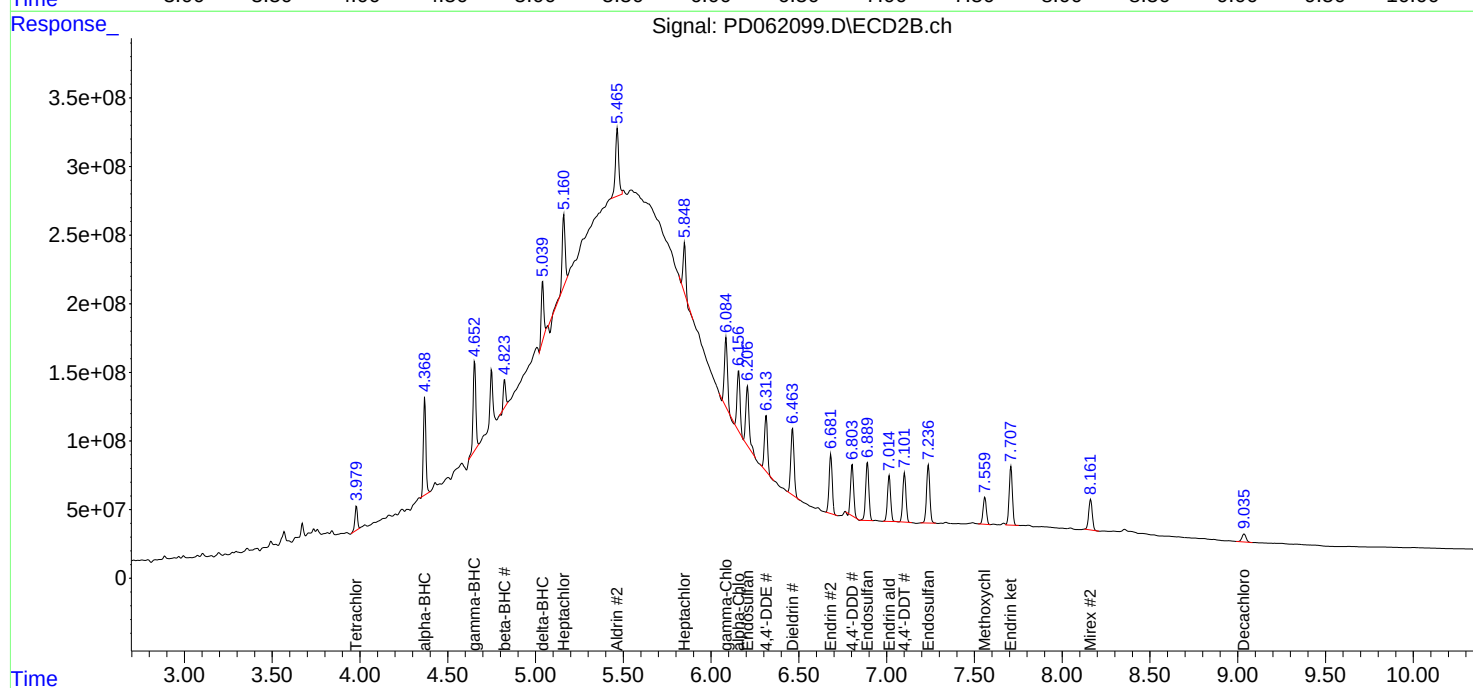
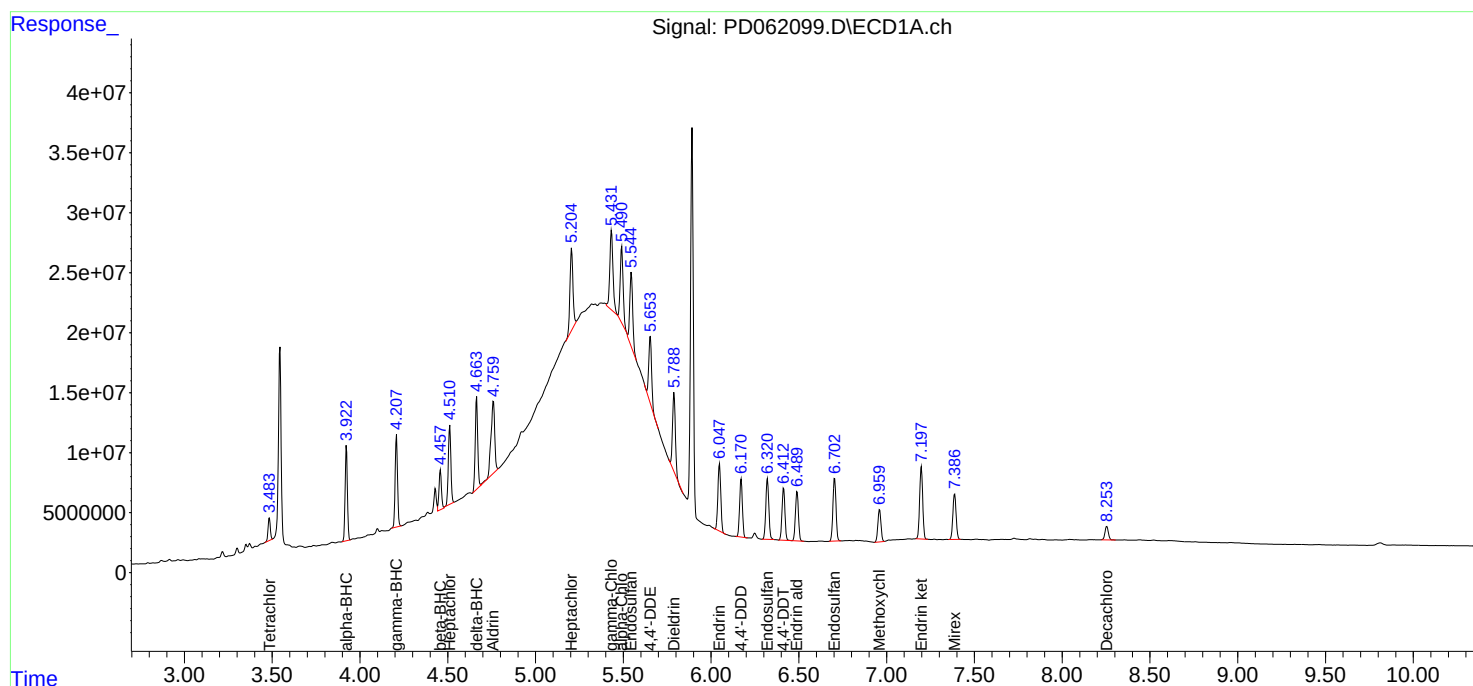
Instrument :
ECD_D
ClientSampleId :
MW-123RMSD

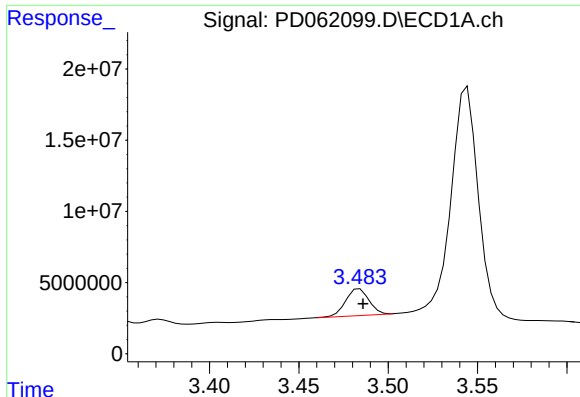
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 05:58:26 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032921.M
Quant Title : GC Extractables
QLast Update : Tue Mar 30 04:47:56 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





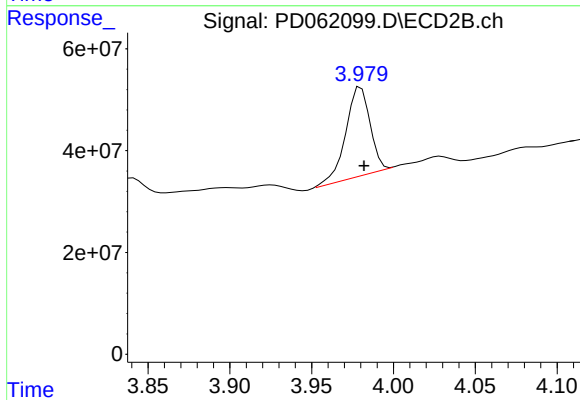
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: -0.002 min
Response: 16971393
Conc: 20.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-123RMSD

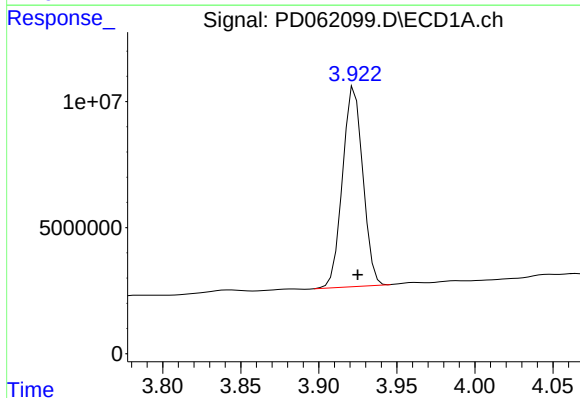
Manual Integrations
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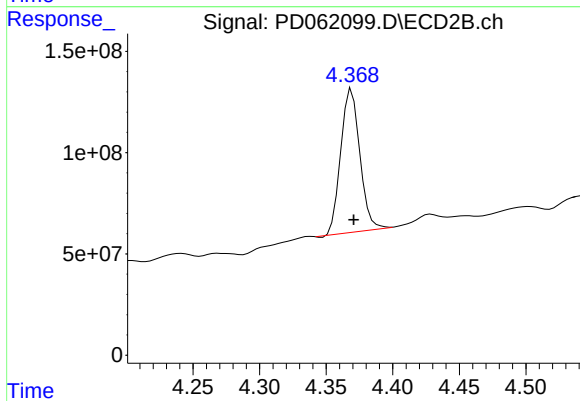
#1 Tetrachloro-m-xylene

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 178852263
Conc: 20.58 ng/ml



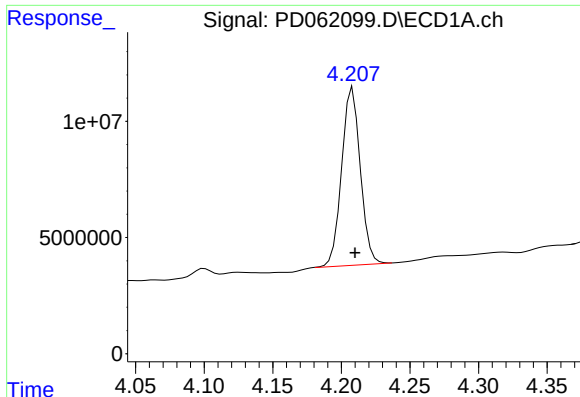
#2 alpha-BHC

R.T.: 3.923 min
Delta R.T.: -0.002 min
Response: 71839254
Conc: 56.88 ng/ml



#2 alpha-BHC

R.T.: 4.369 min
Delta R.T.: -0.001 min
Response: 711940101
Conc: 52.93 ng/ml



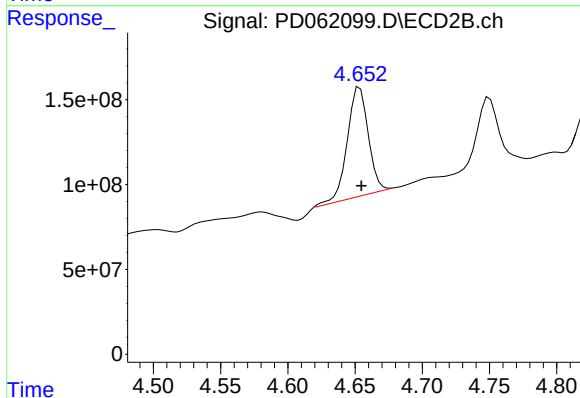
#3 gamma-BHC (Lindane)

R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 72301936
Conc: 60.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-123RMSD

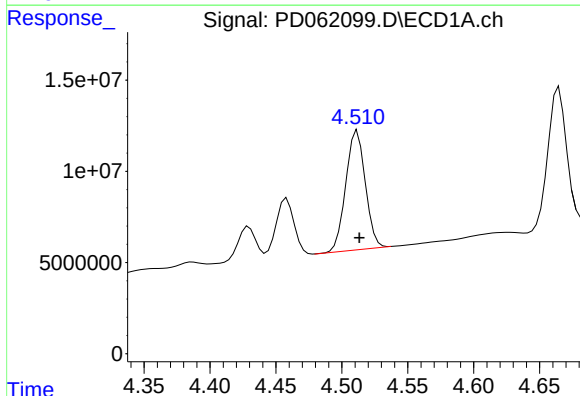
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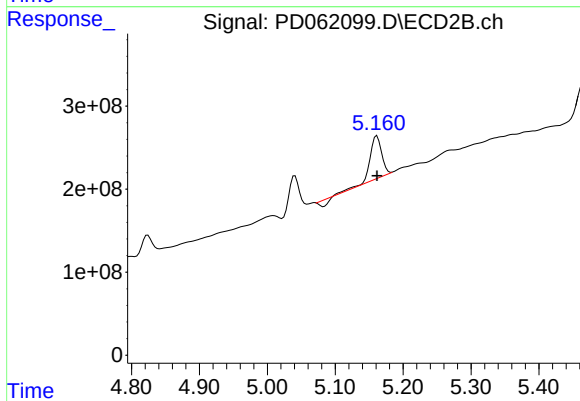
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 695039735
Conc: 55.72 ng/ml



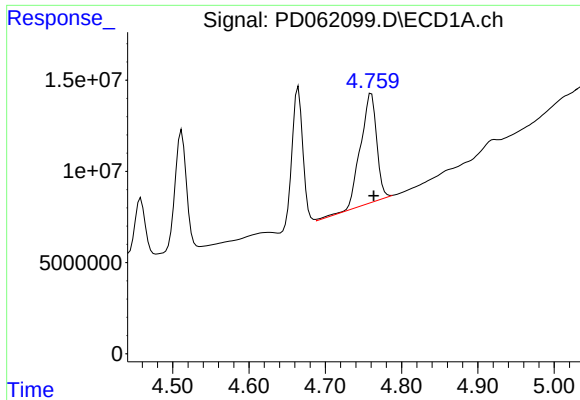
#4 Heptachlor

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 67146010
Conc: 57.68 ng/ml



#4 Heptachlor

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 531643749
Conc: 40.80 ng/ml



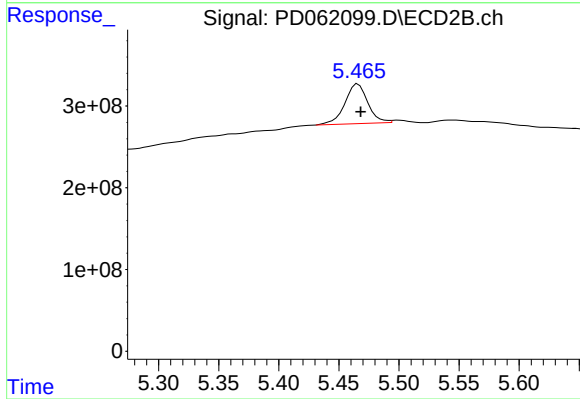
#5 Aldrin

R.T.: 4.760 min
Delta R.T.: -0.003 min
Response: 88176458
Conc: 73.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-123RMSD

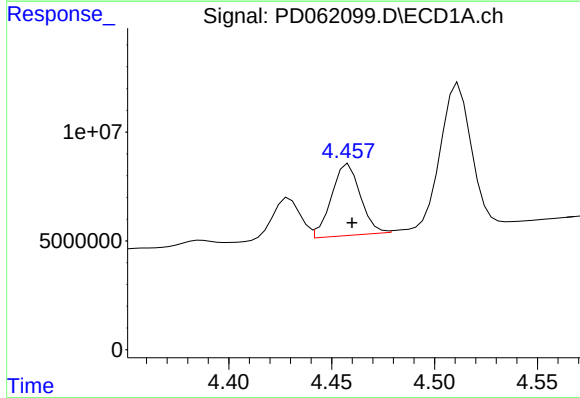
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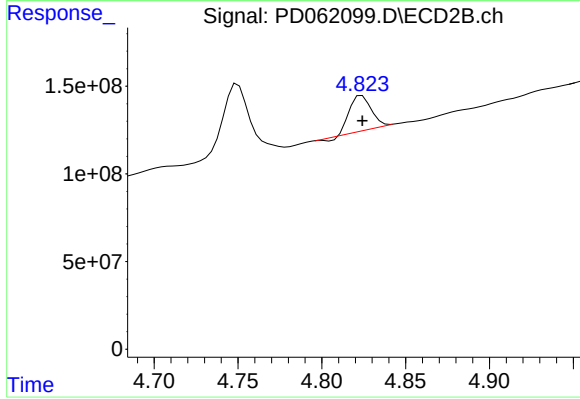
#5 Aldrin

R.T.: 5.466 min
Delta R.T.: -0.002 min
Response: 648309288
Conc: 52.10 ng/ml



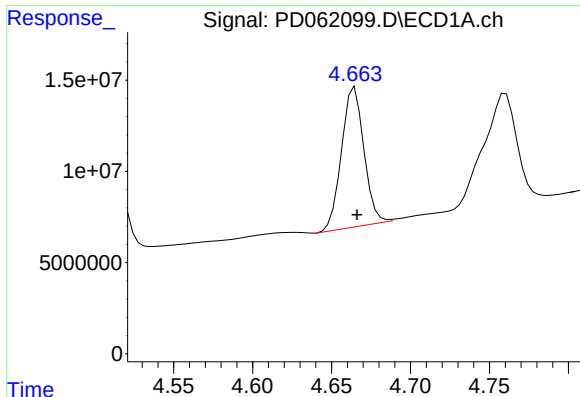
#6 beta-BHC

R.T.: 4.457 min
Delta R.T.: -0.003 min
Response: 32111203
Conc: 58.89 ng/ml m



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 172810730
Conc: 33.46 ng/ml



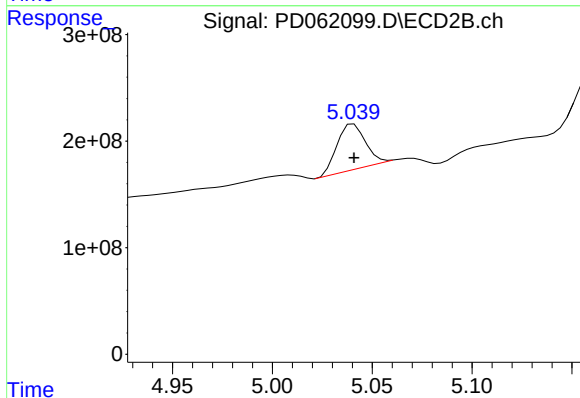
#7 delta-BHC

R.T.: 4.665 min
Delta R.T.: -0.001 min
Response: 75477313
Conc: 62.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-123RMSD

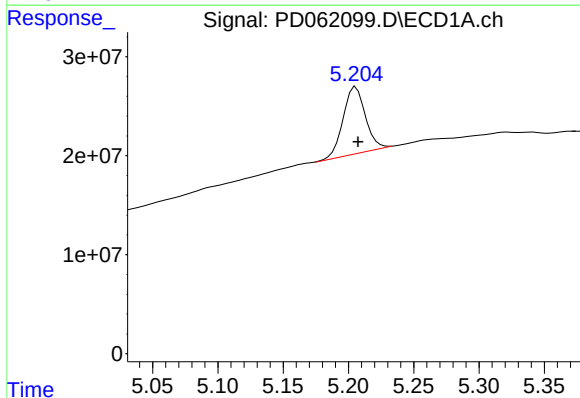
Manual Integrations
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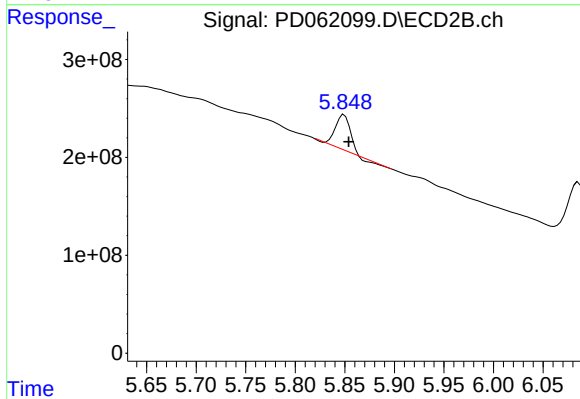
#7 delta-BHC

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 416632767
Conc: 31.50 ng/ml



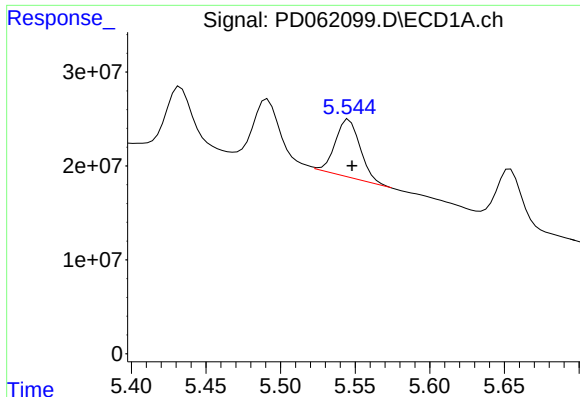
#8 Heptachlor epoxide

R.T.: 5.206 min
Delta R.T.: -0.002 min
Response: 79544588
Conc: 69.39 ng/ml



#8 Heptachlor epoxide

R.T.: 5.849 min
Delta R.T.: -0.005 min
Response: 308307842
Conc: 26.04 ng/ml



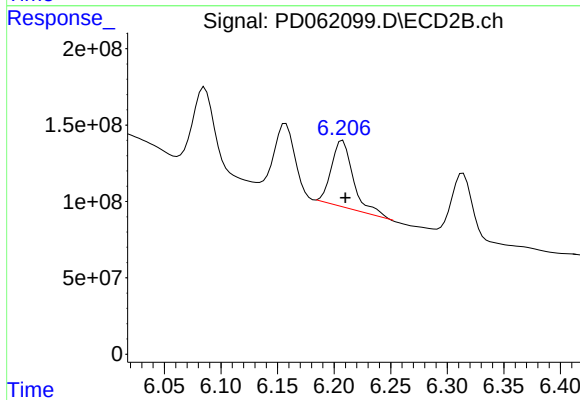
#9 Endosulfan I

R.T.: 5.544 min
Delta R.T.: -0.003 min
Response: 71117033
Conc: 64.76 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MW-123RMSD

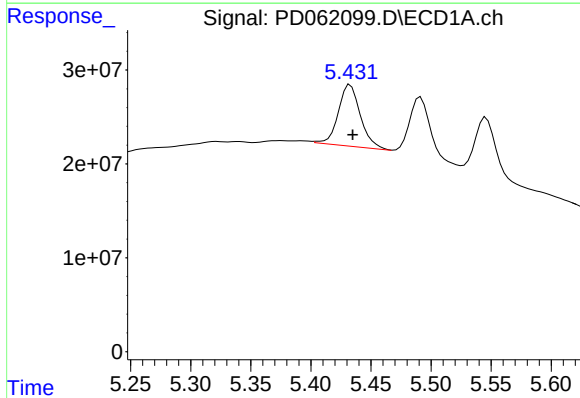
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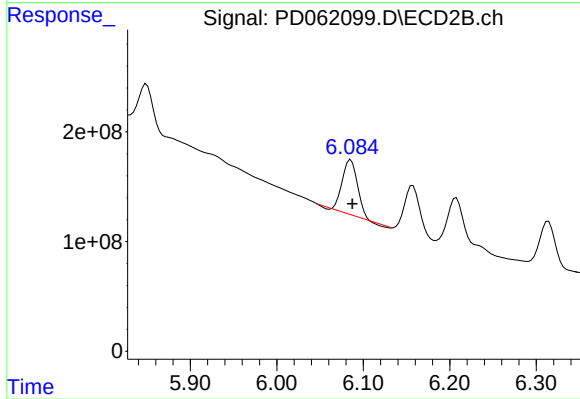
#9 Endosulfan I

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 552617197
Conc: 50.98 ng/ml



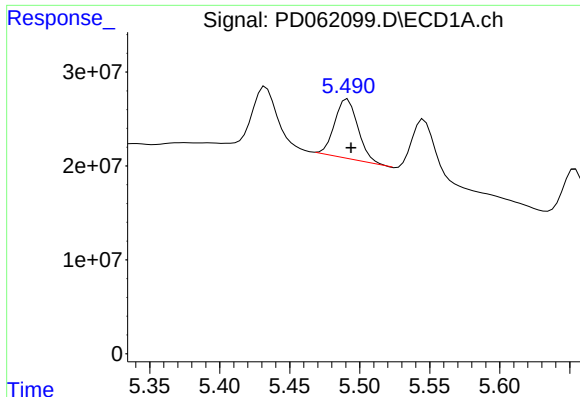
#10 gamma-Chlordane

R.T.: 5.431 min
Delta R.T.: -0.003 min
Response: 83474167
Conc: 71.26 ng/ml m



#10 gamma-Chlordane

R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 608949904
Conc: 51.37 ng/ml



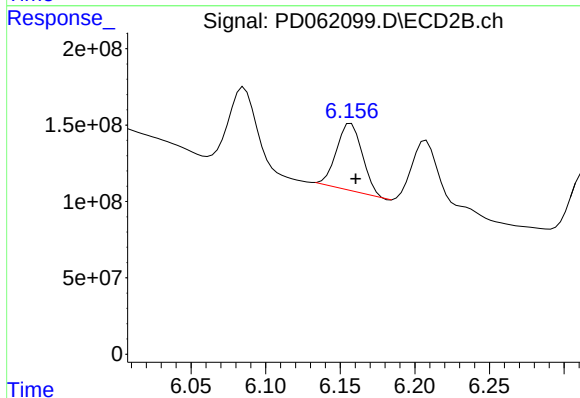
#11 alpha-Chlordane

R.T.: 5.490 min
Delta R.T.: -0.004 min
Response: 72846592
Conc: 62.69 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MW-123RMSD

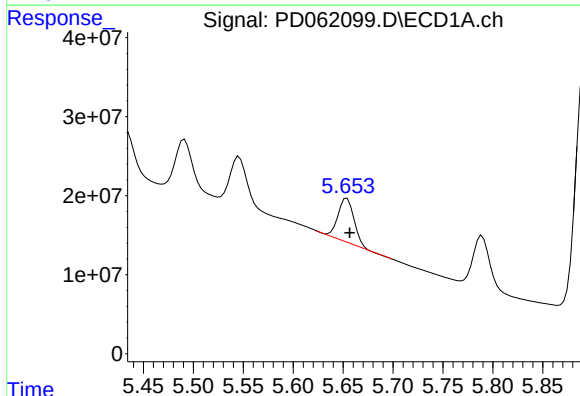
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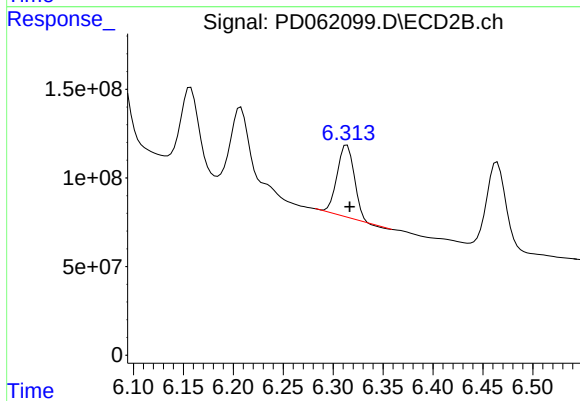
#11 alpha-Chlordane

R.T.: 6.157 min
Delta R.T.: -0.003 min
Response: 534416727
Conc: 46.88 ng/ml



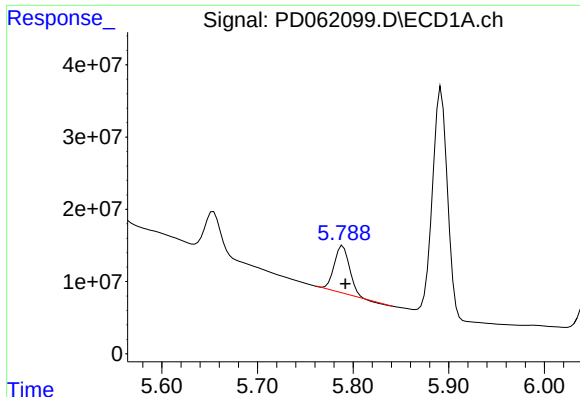
#12 4,4'-DDE

R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 58656031
Conc: 52.20 ng/ml



#12 4,4'-DDE

R.T.: 6.314 min
Delta R.T.: -0.003 min
Response: 468959096
Conc: 40.69 ng/ml



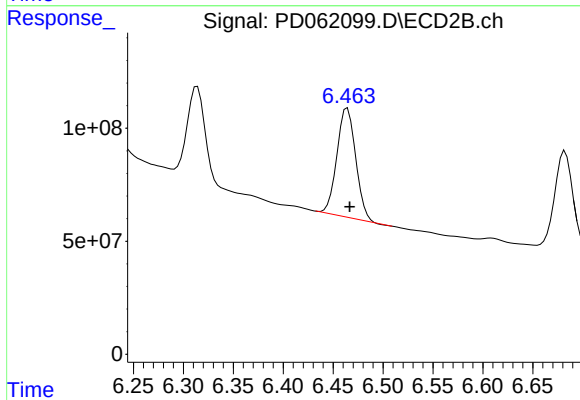
#13 Dieldrin

R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 68689383
Conc: 59.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-123RMSD

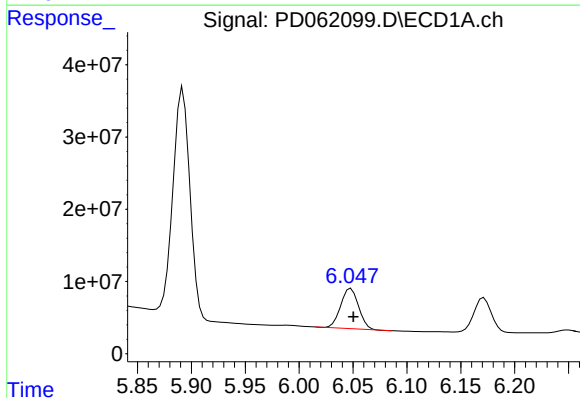
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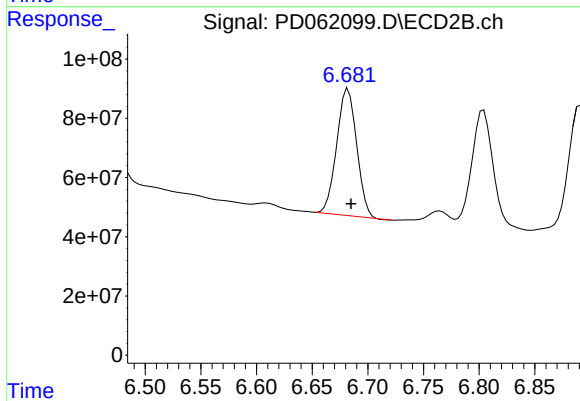
#13 Dieldrin

R.T.: 6.464 min
Delta R.T.: -0.002 min
Response: 623715498
Conc: 54.04 ng/ml



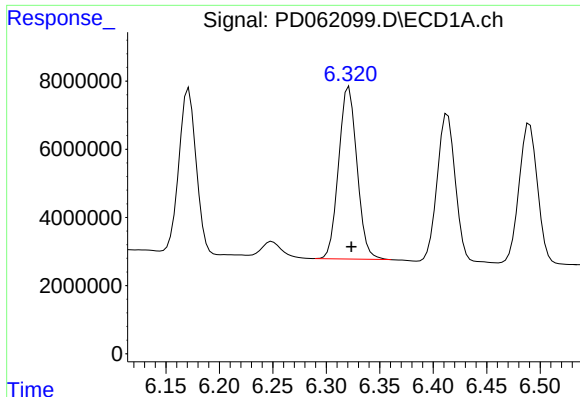
#14 Endrin

R.T.: 6.048 min
Delta R.T.: -0.002 min
Response: 63722914
Conc: 62.02 ng/ml



#14 Endrin

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 532106450
Conc: 53.77 ng/ml



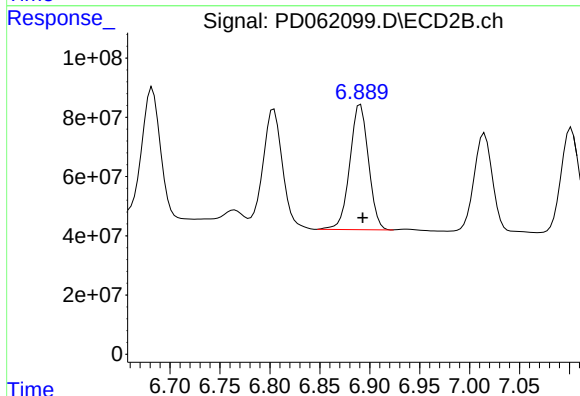
#15 Endosulfan II

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 60401885
Conc: 58.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-123RMSD

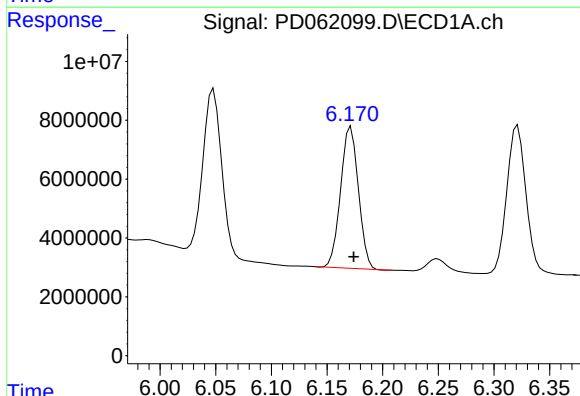
Manual Integrations
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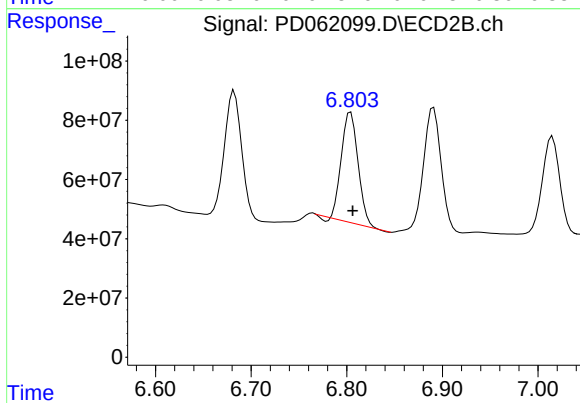
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 549050056
Conc: 57.83 ng/ml



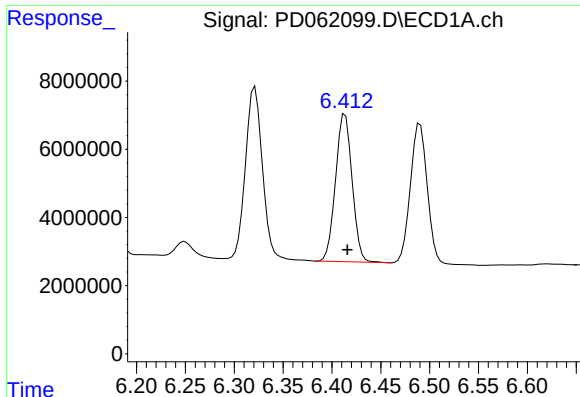
#16 4,4'-DDD

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 53283321
Conc: 57.26 ng/ml



#16 4,4'-DDD

R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 443081029
Conc: 46.79 ng/ml



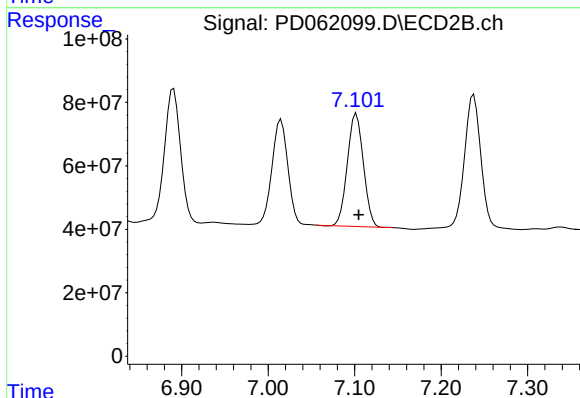
#17 4,4'-DDT

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 51225131
Conc: 56.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-123RMSD

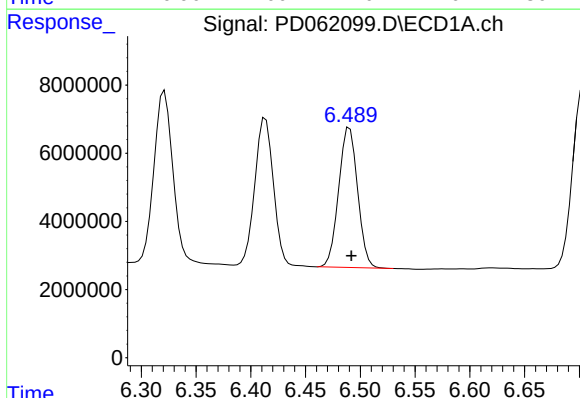
Manual Integrations
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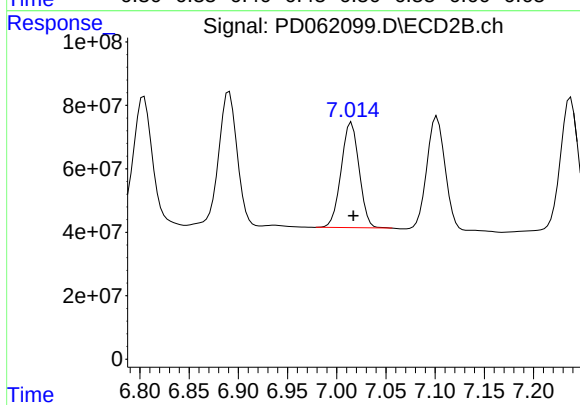
#17 4,4'-DDT

R.T.: 7.102 min
Delta R.T.: -0.003 min
Response: 455495692
Conc: 47.69 ng/ml



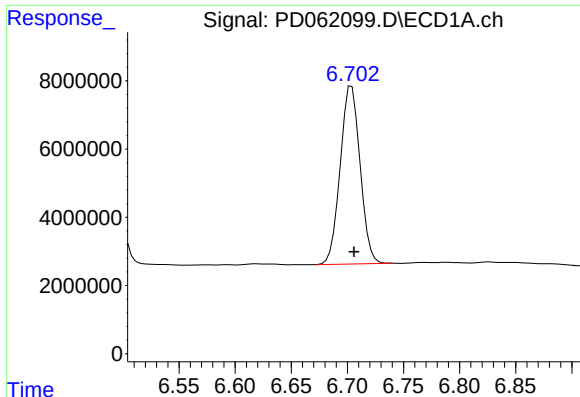
#18 Endrin aldehyde

R.T.: 6.490 min
Delta R.T.: -0.002 min
Response: 49277317
Conc: 57.68 ng/ml



#18 Endrin aldehyde

R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 421792499
Conc: 53.63 ng/ml



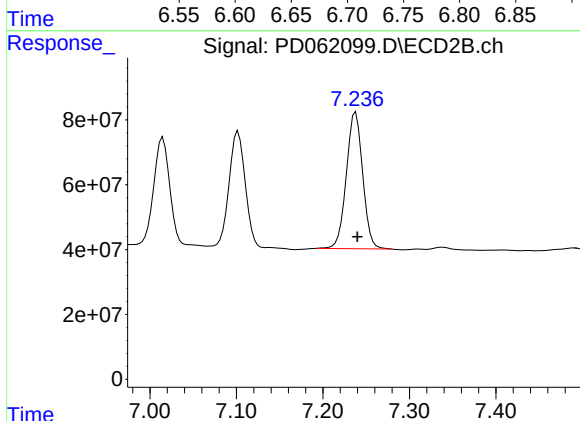
#19 Endosulfan Sulfate

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 64286041
Conc: 59.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-123RMSD

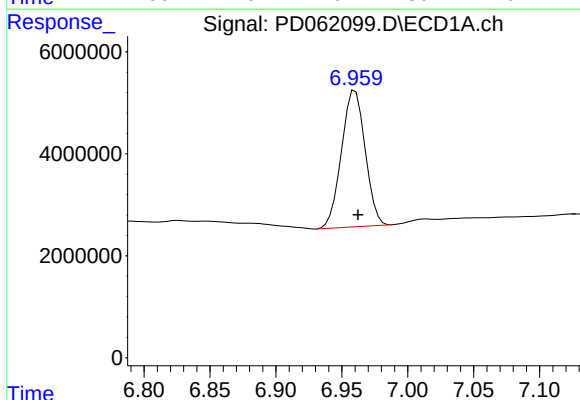
Manual Integrations
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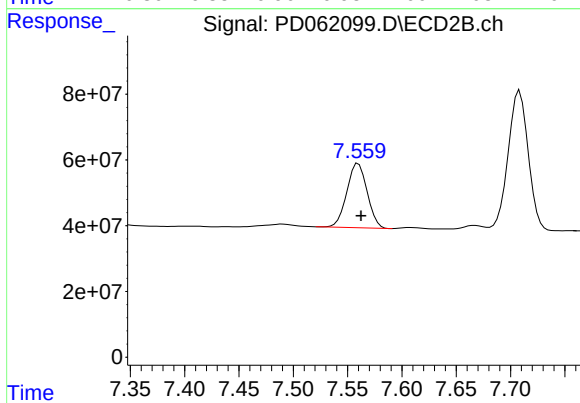
#19 Endosulfan Sulfate

R.T.: 7.238 min
Delta R.T.: -0.002 min
Response: 552007111
Conc: 55.08 ng/ml



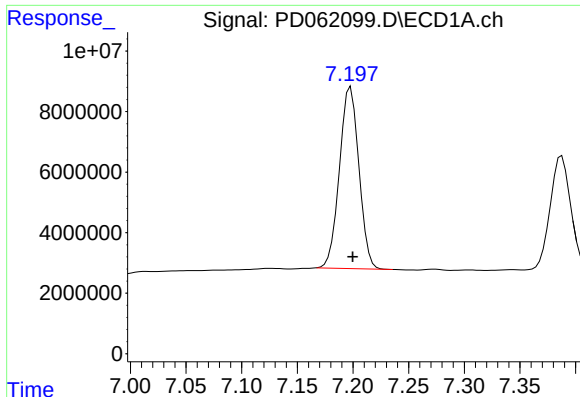
#20 Methoxychlor

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 33378483
Conc: 70.64 ng/ml



#20 Methoxychlor

R.T.: 7.560 min
Delta R.T.: -0.002 min
Response: 255299963
Conc: 56.63 ng/ml



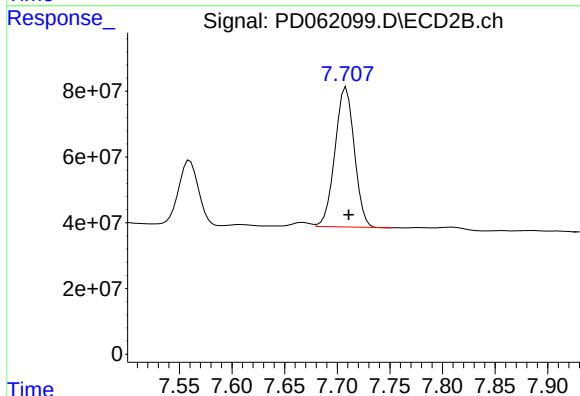
#21 Endrin ketone

R.T.: 7.198 min
Delta R.T.: -0.002 min
Response: 72960363
Conc: 57.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-123RMSD

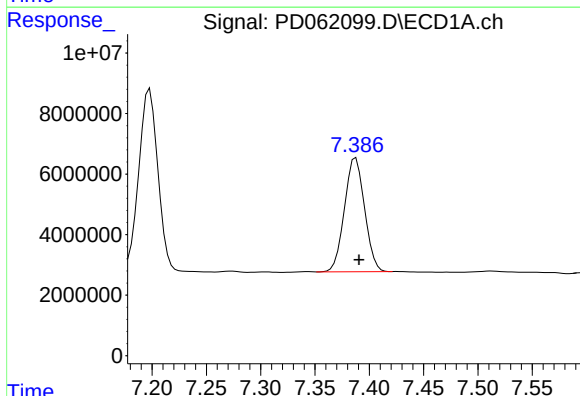
Manual Integrations
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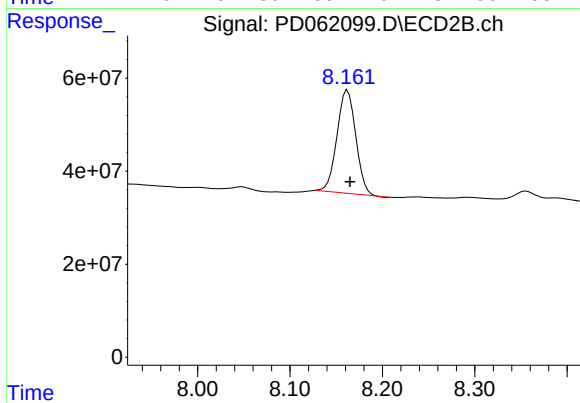
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: -0.003 min
Response: 543761656
Conc: 53.61 ng/ml



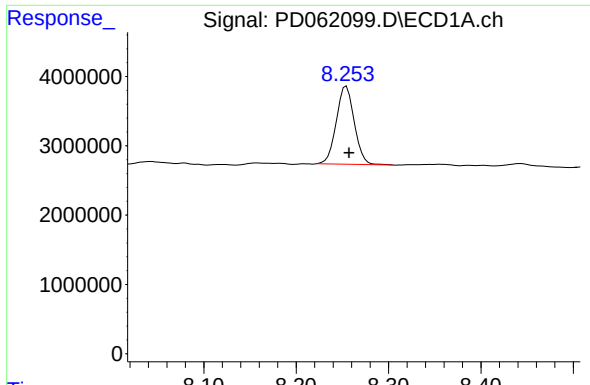
#22 Mirex

R.T.: 7.388 min
Delta R.T.: -0.003 min
Response: 48536192
Conc: 58.91 ng/ml



#22 Mirex

R.T.: 8.162 min
Delta R.T.: -0.003 min
Response: 311679657
Conc: 48.36 ng/ml



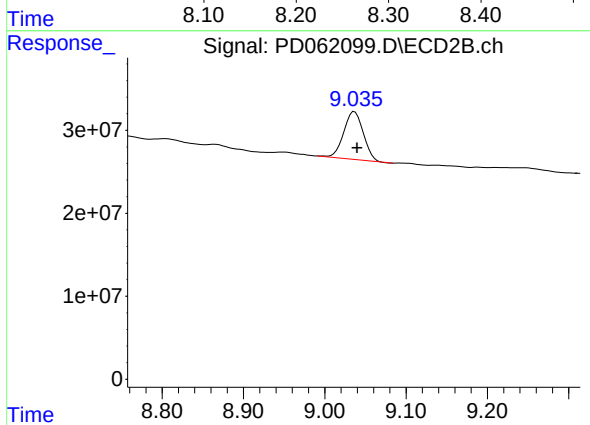
#28 Decachlorobiphenyl

R.T.: 8.254 min
Delta R.T.: -0.003 min
Response: 15230827
Conc: 12.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-123RMSD

Manual Integrations
APPROVED

Ankita
4/12/2021 4:15:55 PM



#28 Decachlorobiphenyl

R.T.: 9.037 min
Delta R.T.: -0.003 min
Response: 96626457
Conc: 10.24 ng/ml