

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052421\
 Data File : PD063259.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2021 00:23
 Operator : AR\AJ
 Sample : M2486-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OR-03-052121MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 01:26:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051721.M
 Quant Title : GC Extractables
 QLast Update : Mon May 24 14:48:18 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...	3.440	3.971	24576183	227.1E6	22.311	19.599
28)	SA Decachlor...	8.197	9.025	21624673	193.8E6	17.182	18.992
Target Compounds							
2)	A alpha-BHC	3.877	4.359	91896539	859.1E6	53.001	44.618
3)	MA gamma-BHC...	4.160	4.643	84559911	757.8E6	52.009	43.905
4)	MA Heptachlor	4.461	5.150	81539166	723.0E6	51.834	43.603
5)	MB Aldrin	4.709	5.454	82898822	747.0E6	54.112	44.752
6)	B beta-BHC	4.411	4.814	34451712	309.5E6	43.240	41.728
7)	B delta-BHC	4.615	5.030	82901401	714.4E6	50.292	51.132
8)	B Heptachlo...	5.154	5.840	109.2E6	643.9E6	75.784	42.094 #
9)	A Endosulfan I	5.492	6.197	65834135	631.1E6	48.515	44.426
10)	B gamma-Chl...	5.379	6.074	83602368	730.7E6	56.997	46.874
11)	B alpha-Chl...	5.437	6.147	73306040	777.7E6	50.775	52.479
12)	B 4,4'-DDE	5.601	6.304	67766332	624.8E6	47.236	41.395
13)	MA Dieldrin	5.734	6.453	72283932	666.0E6	48.853	43.919
14)	MA Endrin	5.991	6.671	63180279	550.7E6	47.238	43.160
15)	B Endosulfa...	6.265	6.880	55784483	525.0E6	44.838	43.781
16)	A 4,4'-DDD	6.117	6.794	57762303	596.6E6	48.017m	49.177
17)	MA 4,4'-DDT	6.358	7.092	50799453	482.7E6	44.445	42.811
18)	B Endrin al...	6.434	7.004	42879826	404.9E6	40.340	39.753
19)	B Endosulfa...	6.647	7.226	54515756	531.6E6	45.230	43.328
20)	A Methoxychlor	6.905	7.550	26589270	236.9E6	39.623	41.299
21)	B Endrin ke...	7.139	7.696	56385795	520.3E6	38.157	43.374m
22)	Mirex	7.326	8.151	44147129	318.0E6	41.143	41.815

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052421\
Data File : PD063259.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2021 00:23
Operator : AR\AJ
Sample : M2486-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

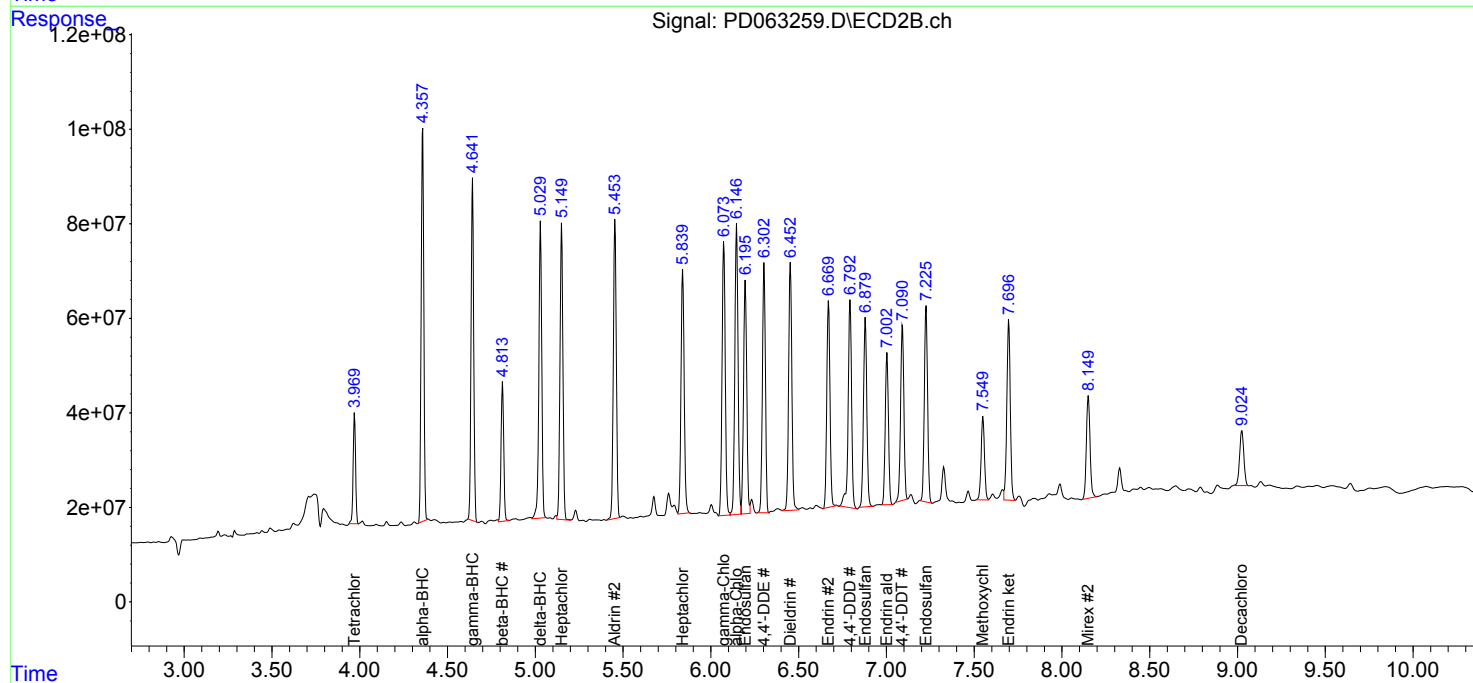
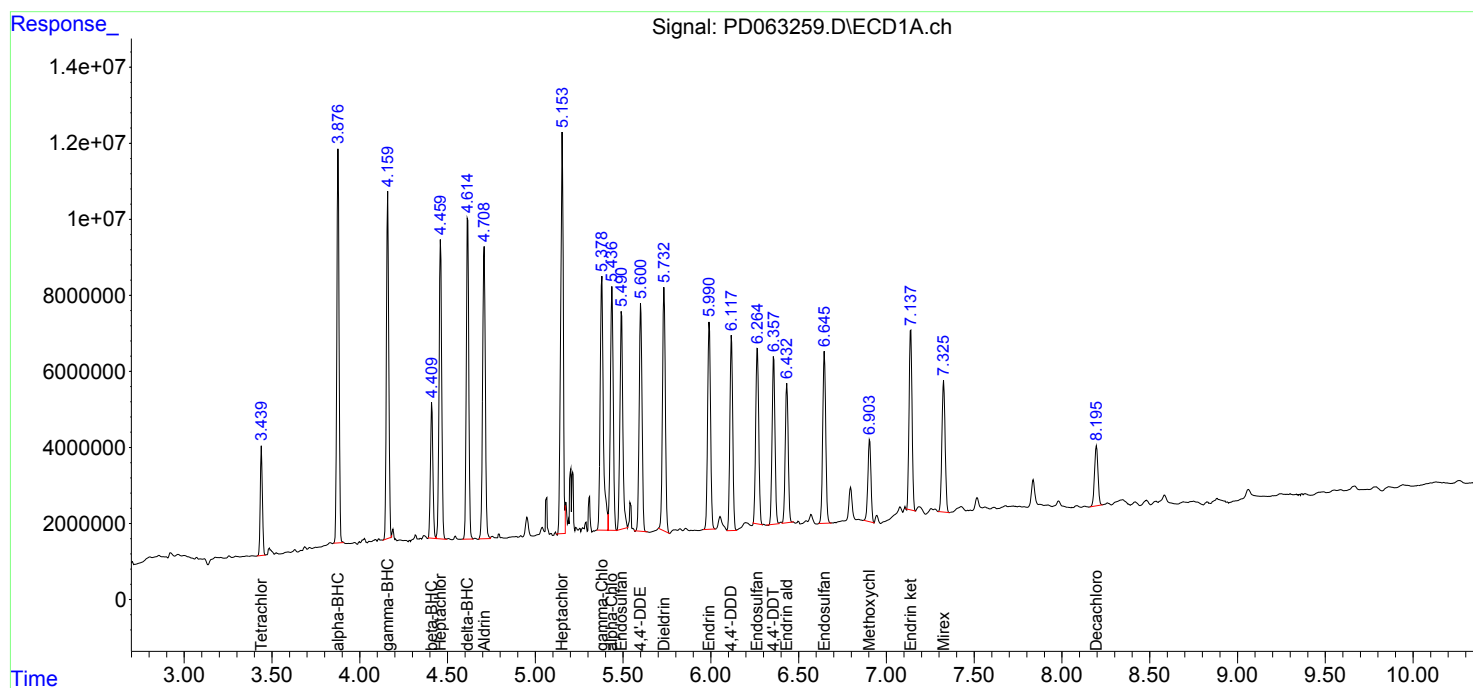
Instrument :
ECD_D
ClientSampleId :
OR-03-052121MSD

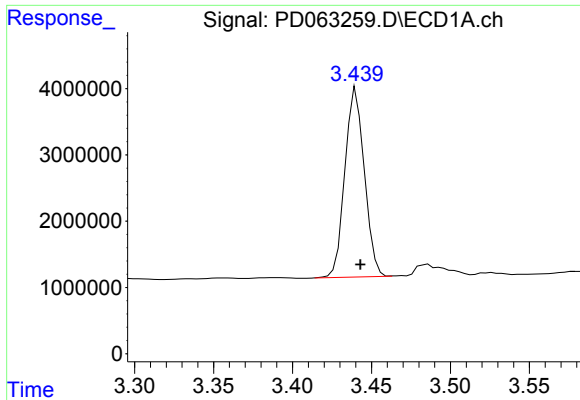
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 01:26:58 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051721.M
Quant Title : GC Extractables
QLast Update : Mon May 24 14:48:18 2021
Response via : Initial Calibration
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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





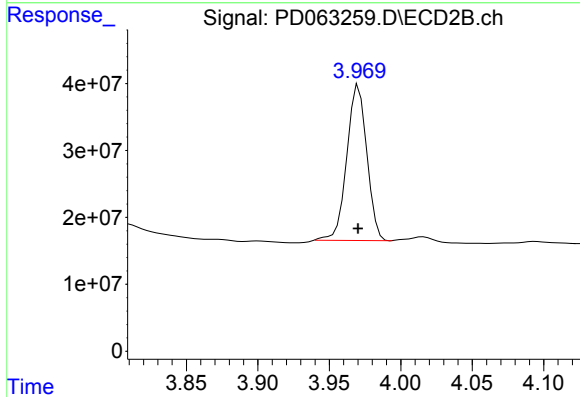
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: -0.003 min
Response: 24576183
Conc: 22.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-052121MSD

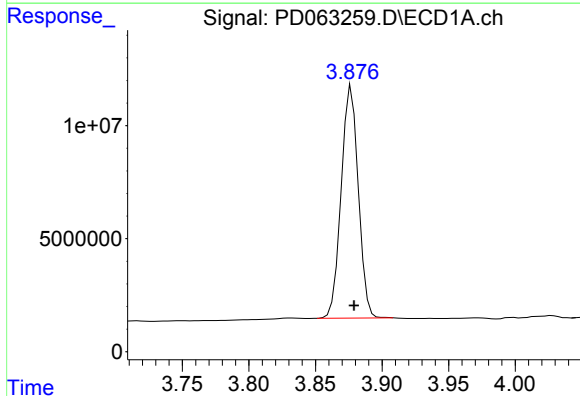
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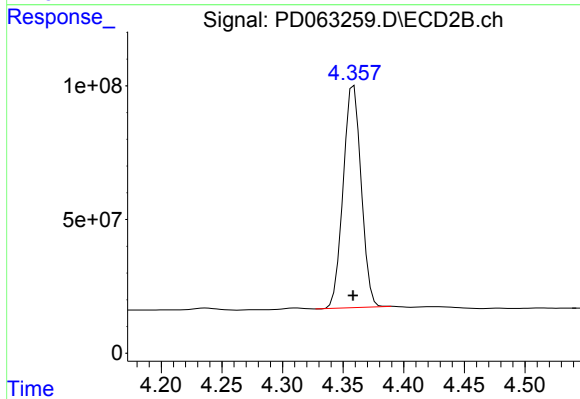
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 227113652
Conc: 19.60 ng/ml



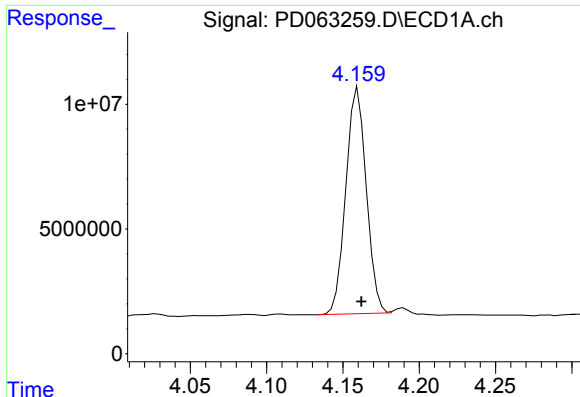
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: -0.002 min
Response: 91896539
Conc: 53.00 ng/ml



#2 alpha-BHC

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 859100717
Conc: 44.62 ng/ml



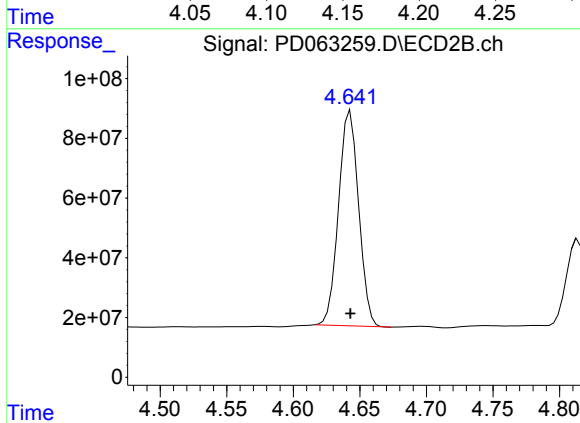
#3 gamma-BHC (Lindane)

R.T.: 4.160 min
Delta R.T.: -0.002 min
Response: 84559911
Conc: 52.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-052121MSD

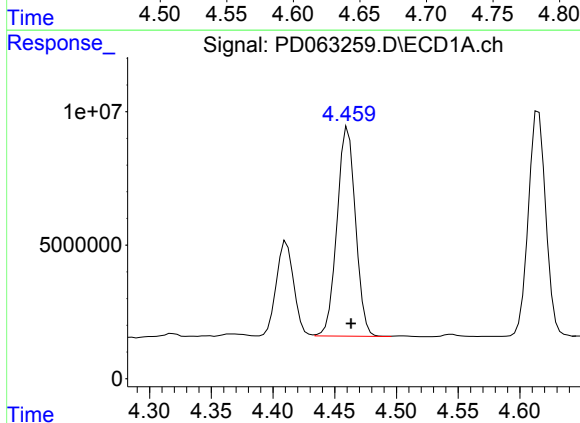
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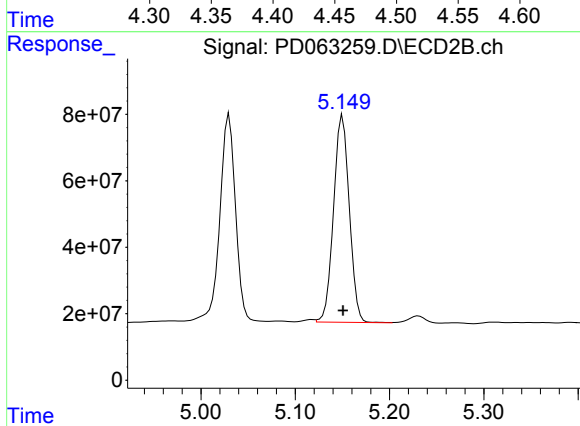
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 757760986
Conc: 43.91 ng/ml



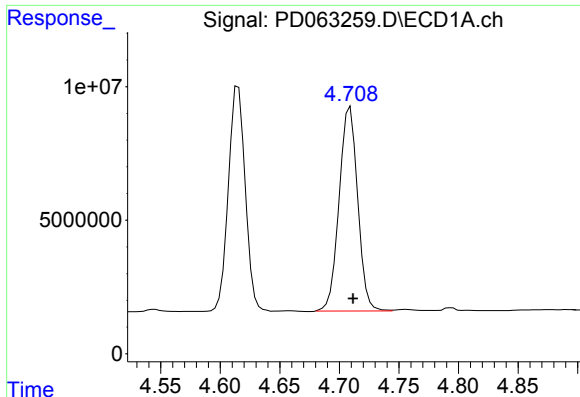
#4 Heptachlor

R.T.: 4.461 min
Delta R.T.: -0.003 min
Response: 81539166
Conc: 51.83 ng/ml



#4 Heptachlor

R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 722966932
Conc: 43.60 ng/ml



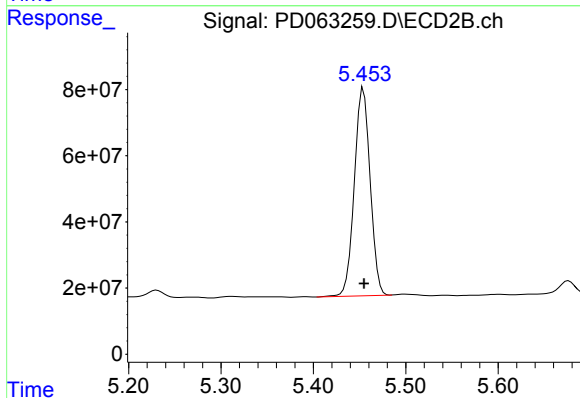
#5 Aldrin

R.T.: 4.709 min
Delta R.T.: -0.002 min
Response: 82898822
Conc: 54.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-052121MSD

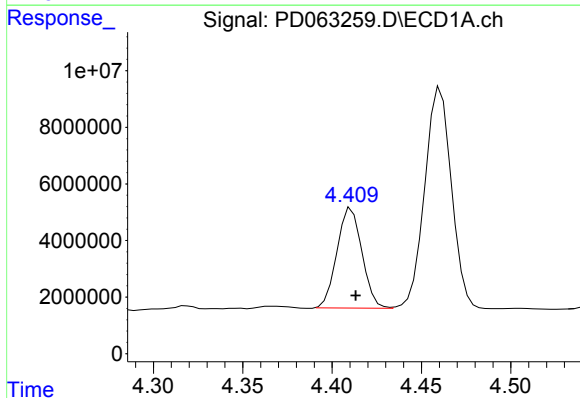
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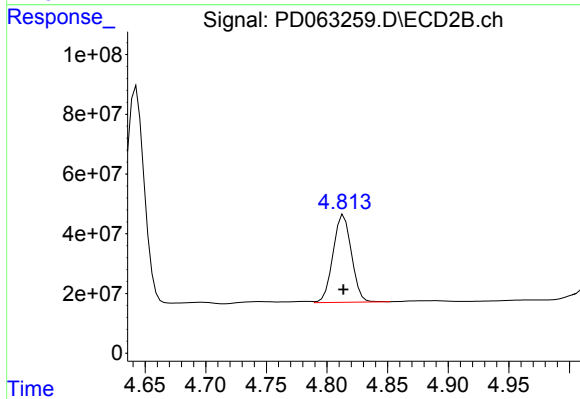
#5 Aldrin

R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 747005327
Conc: 44.75 ng/ml



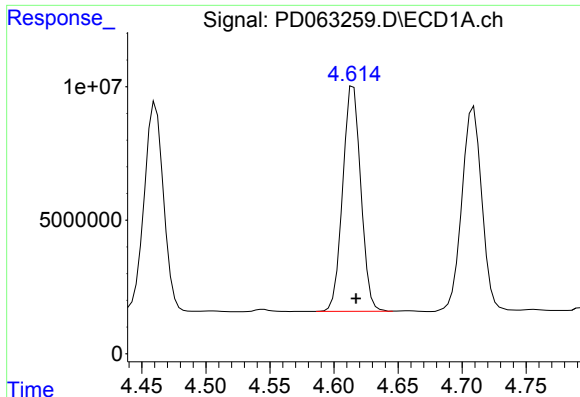
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.002 min
Response: 34451712
Conc: 43.24 ng/ml



#6 beta-BHC

R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 309514631
Conc: 41.73 ng/ml



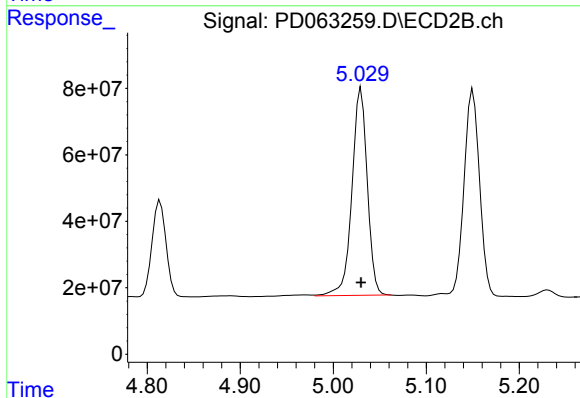
#7 delta-BHC

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 82901401
Conc: 50.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-052121MSD

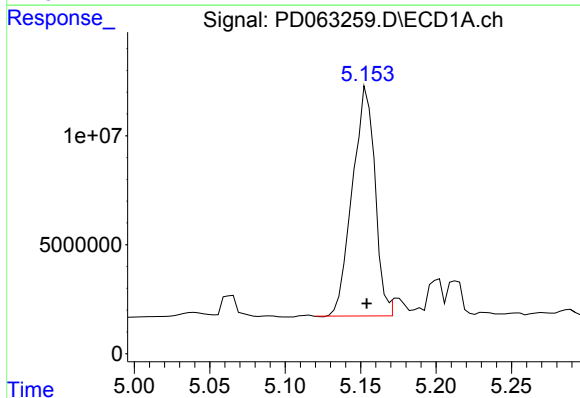
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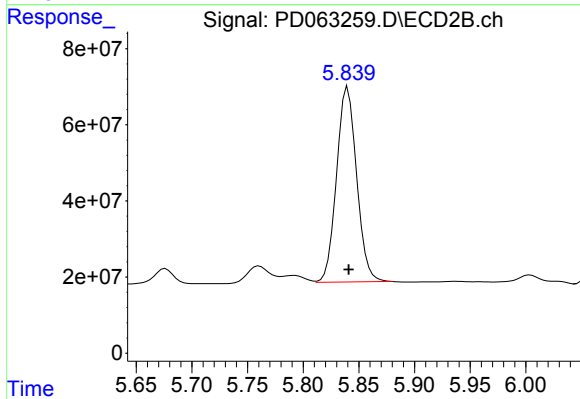
#7 delta-BHC

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 714413900
Conc: 51.13 ng/ml



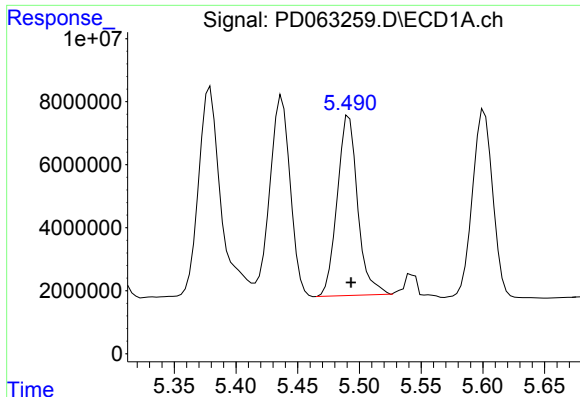
#8 Heptachlor epoxide

R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 109212319
Conc: 75.78 ng/ml



#8 Heptachlor epoxide

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 643851718
Conc: 42.09 ng/ml



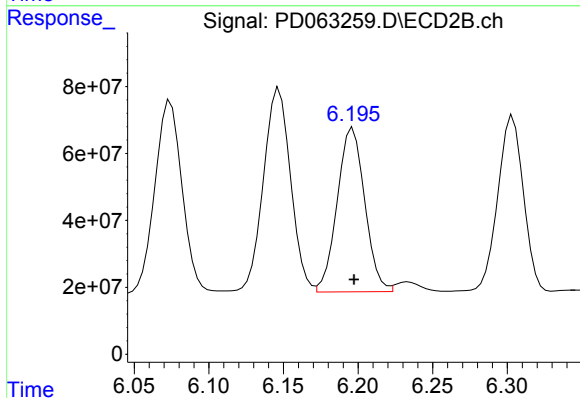
#9 Endosulfan I

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 65834135
Conc: 48.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-052121MSD

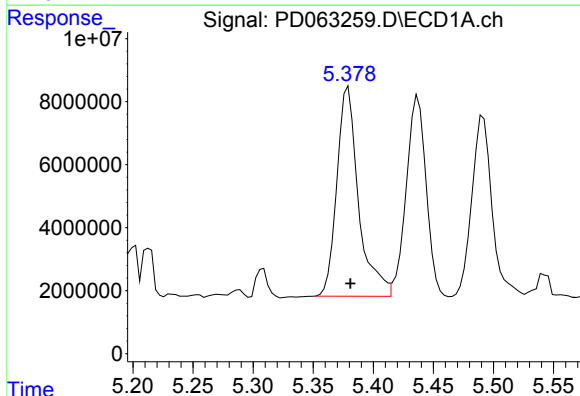
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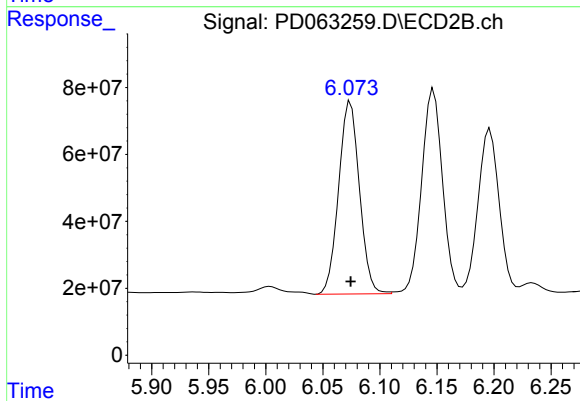
#9 Endosulfan I

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 631068421
Conc: 44.43 ng/ml



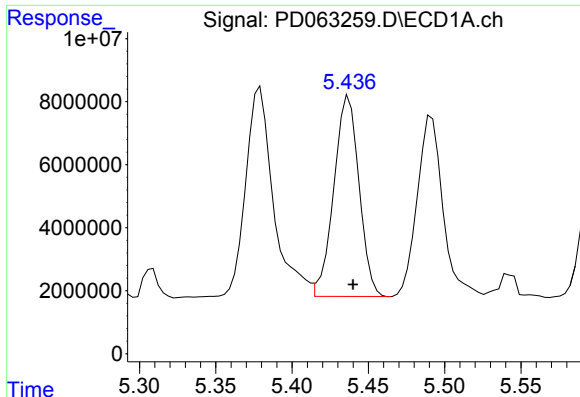
#10 gamma-Chlordane

R.T.: 5.379 min
Delta R.T.: -0.002 min
Response: 83602368
Conc: 57.00 ng/ml



#10 gamma-Chlordane

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 730709571
Conc: 46.87 ng/ml



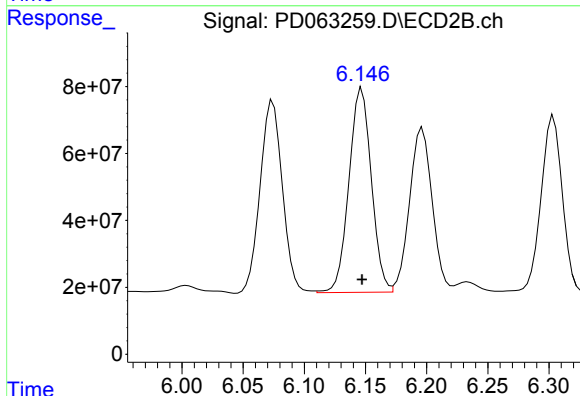
#11 alpha-Chlordane

R.T.: 5.437 min
Delta R.T.: -0.003 min
Response: 73306040
Conc: 50.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-052121MSD

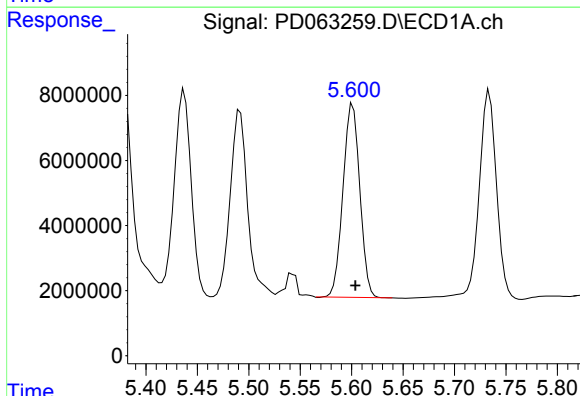
Manual Integrations
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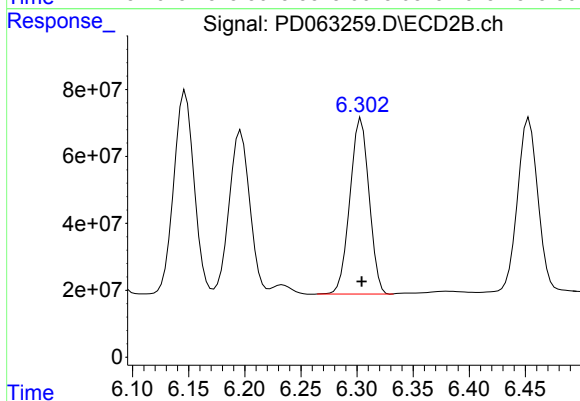
#11 alpha-Chlordane

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 777715691
Conc: 52.48 ng/ml



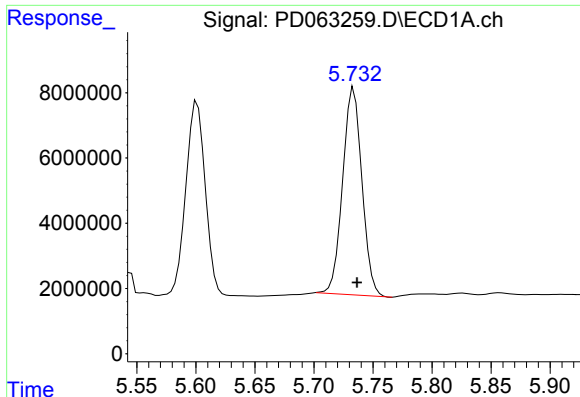
#12 4,4'-DDE

R.T.: 5.601 min
Delta R.T.: -0.003 min
Response: 67766332
Conc: 47.24 ng/ml



#12 4,4'-DDE

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 624820170
Conc: 41.39 ng/ml



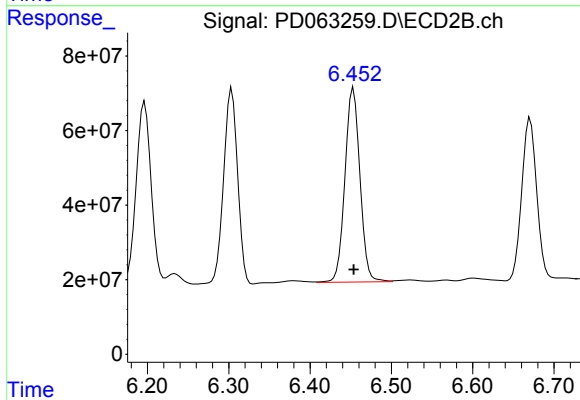
#13 Dieldrin

R.T.: 5.734 min
Delta R.T.: -0.003 min
Response: 72283932
Conc: 48.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-052121MSD

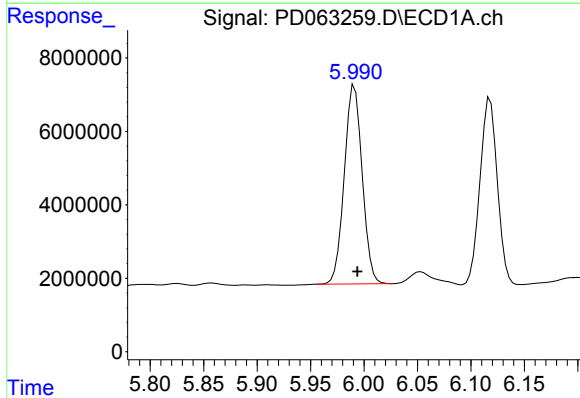
Manual Integrations
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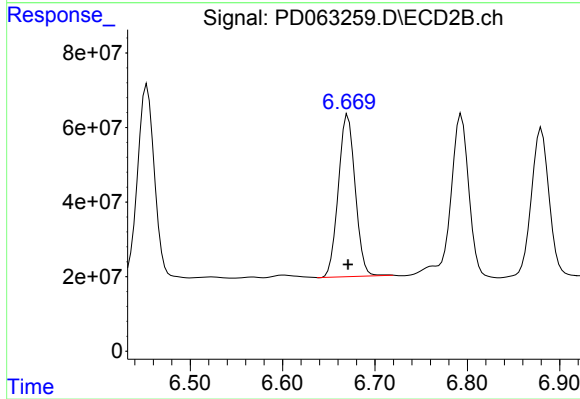
#13 Dieldrin

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 665957683
Conc: 43.92 ng/ml



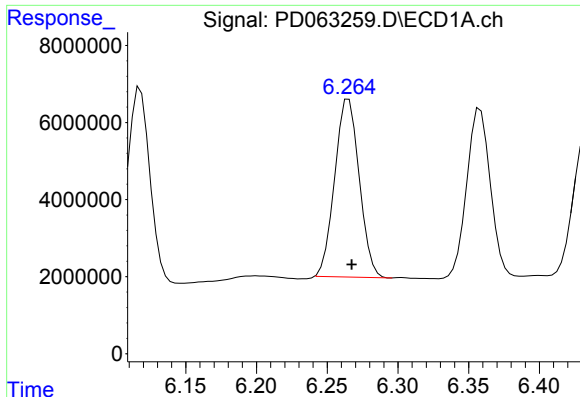
#14 Endrin

R.T.: 5.991 min
Delta R.T.: -0.003 min
Response: 63180279
Conc: 47.24 ng/ml



#14 Endrin

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 550667396
Conc: 43.16 ng/ml



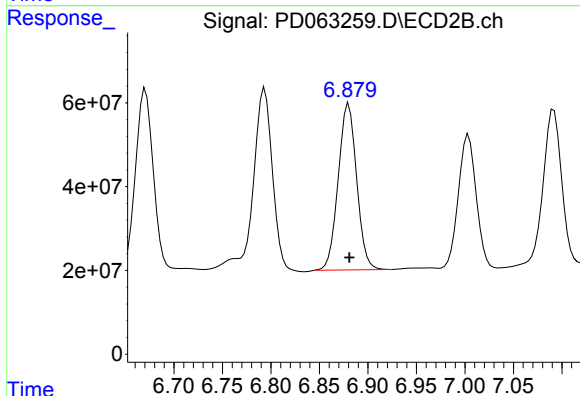
#15 Endosulfan II

R.T.: 6.265 min
Delta R.T.: -0.002 min
Response: 55784483
Conc: 44.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-052121MSD

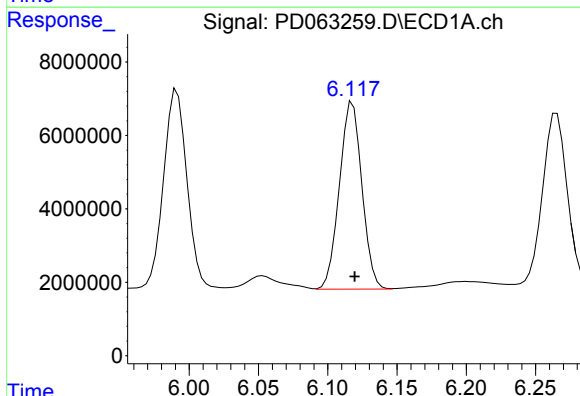
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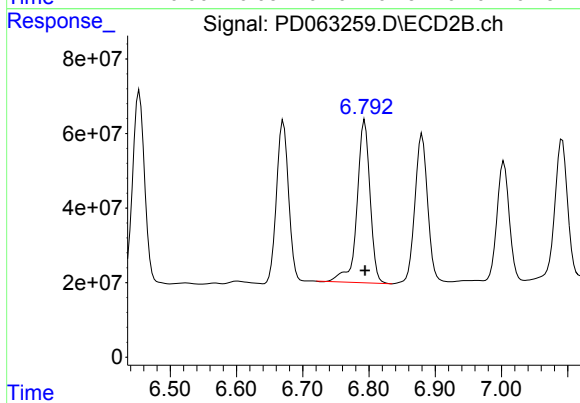
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 525000547
Conc: 43.78 ng/ml



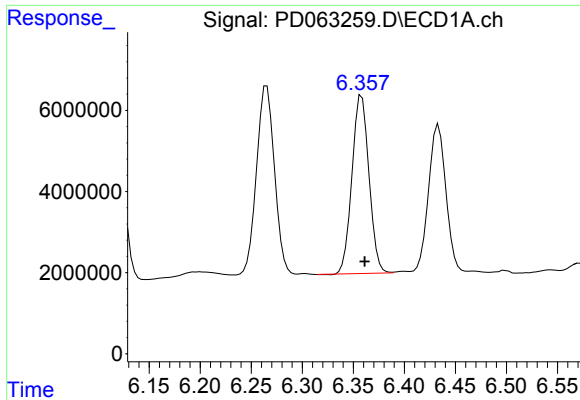
#16 4,4'-DDD

R.T.: 6.117 min
Delta R.T.: -0.003 min
Response: 57762303
Conc: 48.02 ng/ml m



#16 4,4'-DDD

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 596637895
Conc: 49.18 ng/ml



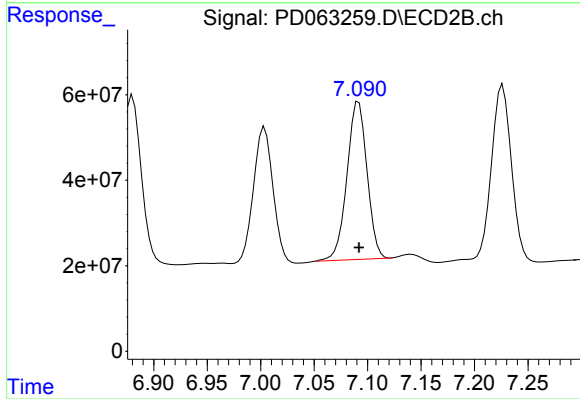
#17 4,4'-DDT

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 50799453
Conc: 44.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-052121MSD

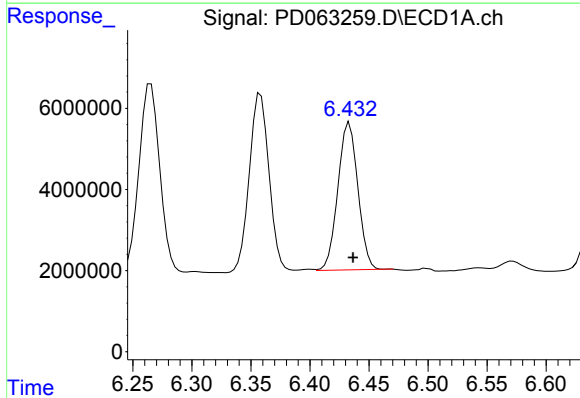
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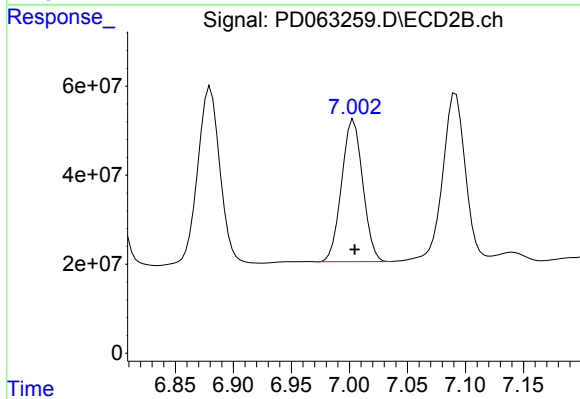
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 482724984
Conc: 42.81 ng/ml



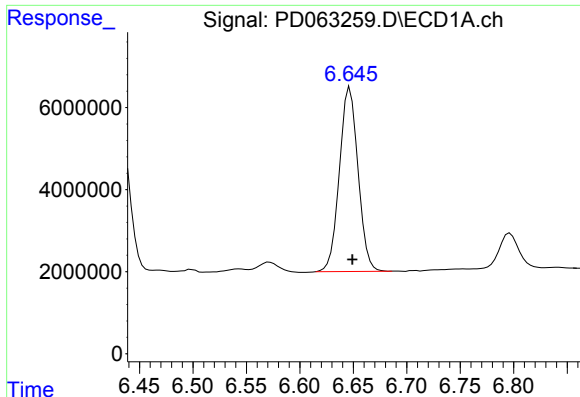
#18 Endrin aldehyde

R.T.: 6.434 min
Delta R.T.: -0.003 min
Response: 42879826
Conc: 40.34 ng/ml



#18 Endrin aldehyde

R.T.: 7.004 min
Delta R.T.: -0.001 min
Response: 404862272
Conc: 39.75 ng/ml



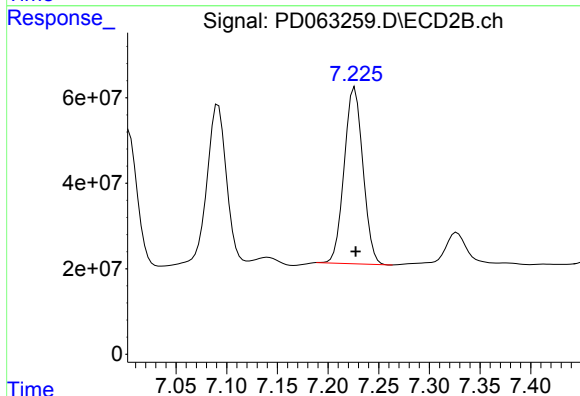
#19 Endosulfan Sulfate

R.T.: 6.647 min
Delta R.T.: -0.002 min
Response: 54515756
Conc: 45.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-052121MSD

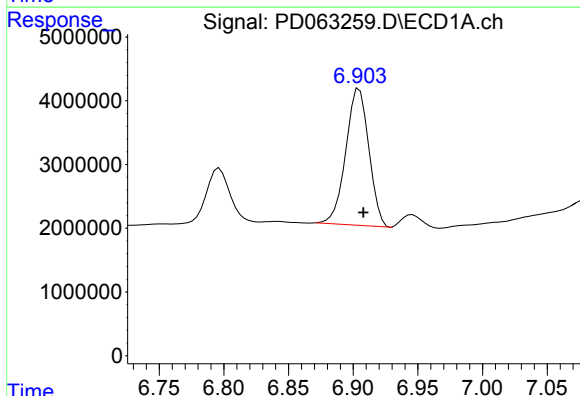
Manual Integrations
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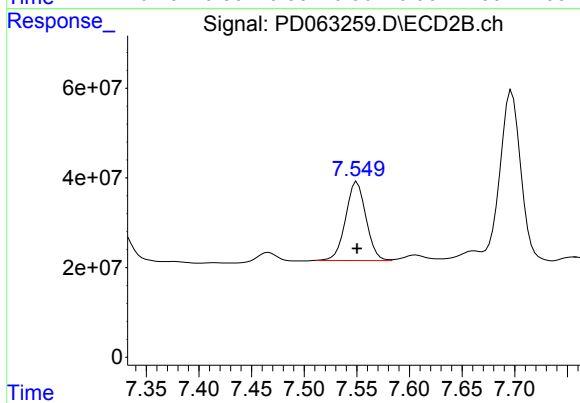
#19 Endosulfan Sulfate

R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 531632282
Conc: 43.33 ng/ml



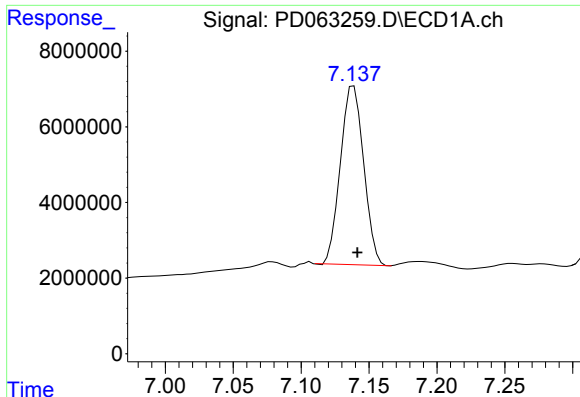
#20 Methoxychlor

R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 26589270
Conc: 39.62 ng/ml



#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 236919643
Conc: 41.30 ng/ml



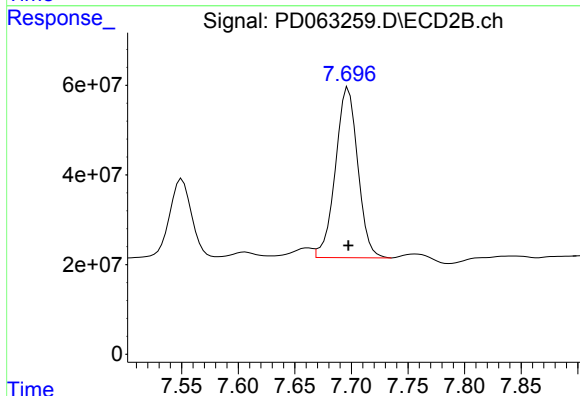
#21 Endrin ketone

R.T.: 7.139 min
Delta R.T.: -0.003 min
Response: 56385795
Conc: 38.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-052121MSD

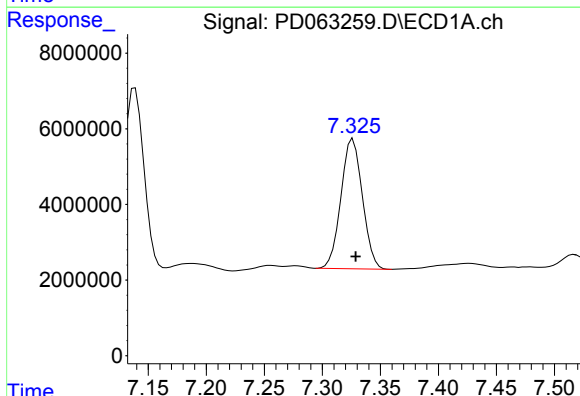
Manual Integrations
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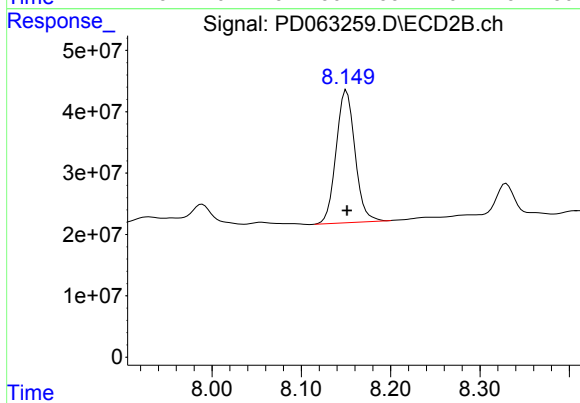
#21 Endrin ketone

R.T.: 7.696 min
Delta R.T.: -0.001 min
Response: 520284866
Conc: 43.37 ng/ml m



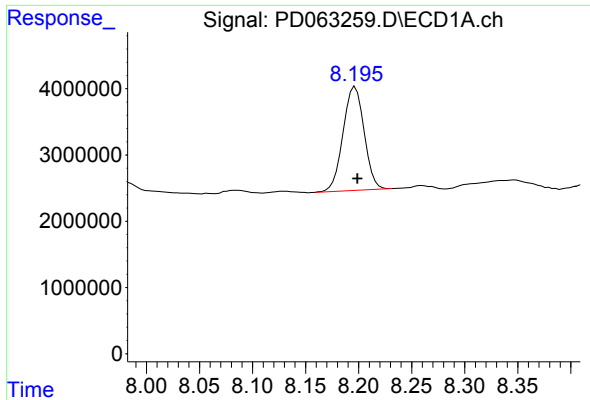
#22 Mirex

R.T.: 7.326 min
Delta R.T.: -0.002 min
Response: 44147129
Conc: 41.14 ng/ml



#22 Mirex

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 317981087
Conc: 41.82 ng/ml



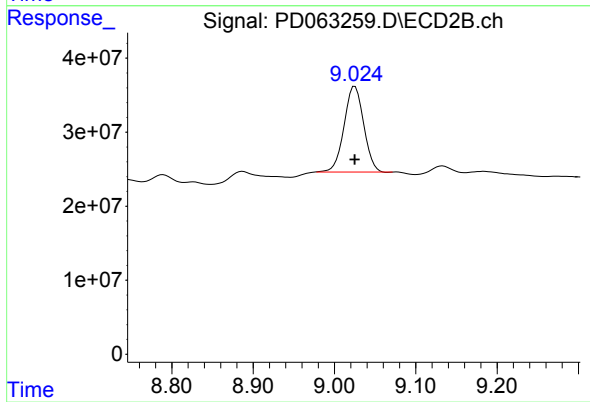
#28 Decachlorobiphenyl

R.T.: 8.197 min
Delta R.T.: -0.002 min
Response: 21624673
Conc: 17.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-052121MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 193755687
Conc: 18.99 ng/ml