

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052221\
 Data File : PD063207.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2021 14:33
 Operator : AR\AJ
 Sample : M2457-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-4MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 17:51:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051721.M
 Quant Title : GC Extractables
 QLast Update : Tue May 18 07:12:39 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	3.970	25121786	233.4E6	22.807	20.137
28)	SA Decachlor...	8.194	9.023	55008193	464.1E6	43.708	45.491
Target Compounds							
2)	A alpha-BHC	3.876	4.356	93908106	904.1E6	54.161	46.956m
3)	MA gamma-BHC...	4.159	4.641	99487808	868.2E6	61.190	50.306m
4)	MA Heptachlor	4.460	5.148	80404519	746.2E6	51.112	45.006m
5)	MB Aldrin	4.707	5.452	79442790	780.4E6	51.856	46.755m
6)	B beta-BHC	4.408	4.814	36120851	307.4E6	45.766m	41.441
7)	B delta-BHC	4.614	5.028	88000970	712.7E6	53.386	51.011m
8)	B Heptachlo...	5.150	5.839	73978522	632.1E6	51.335	41.325
9)	A Endosulfan I	5.489	6.195	60895667	678.9E6	44.875m	47.794
10)	B gamma-Chl...	5.377	6.072	77504160	764.3E6	52.839	49.031m
11)	B alpha-Chl...	5.436	6.144	74508578	651.3E6	51.608	43.948m
12)	B 4,4'-DDE	5.599	6.300	66841397	555.6E6	46.592	36.807
13)	MA Dieldrin	5.732	6.450	84109730	620.3E6	56.845	40.905m#
14)	MA Endrin	5.990	6.668	67441449	555.3E6	50.424	43.527m
15)	B Endosulfa...	6.263	6.879	61386602	597.2E6	49.341	49.802
16)	A 4,4'-DDD	6.116	6.792	52226502	574.7E6	43.415	47.366
17)	MA 4,4'-DDT	6.357	7.090	58685248	545.4E6	51.345	48.365
18)	B Endrin al...	6.432	7.002	46012657	392.1E6	43.287	38.499
19)	B Endosulfa...	6.646	7.225	58048094	517.0E6	48.161	42.135
20)	A Methoxychlor	6.904	7.548	27674553	280.6E6	41.240	48.922
21)	B Endrin ke...	7.136	7.696	55929604	631.4E6	37.848	52.641 #
22)	Mirex	7.325	8.148	38881283	327.7E6	36.236	43.093m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052221\
Data File : PD063207.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 May 2021 14:33
Operator : AR\AJ
Sample : M2457-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

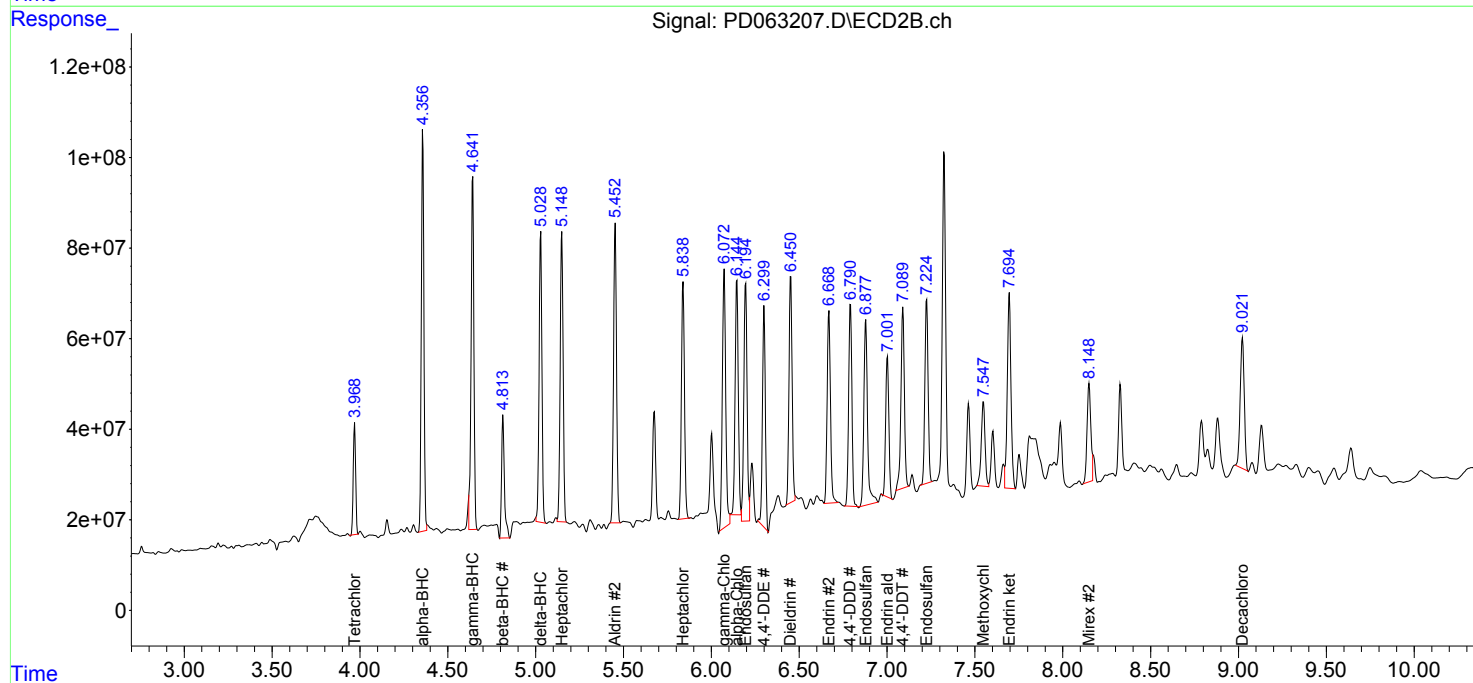
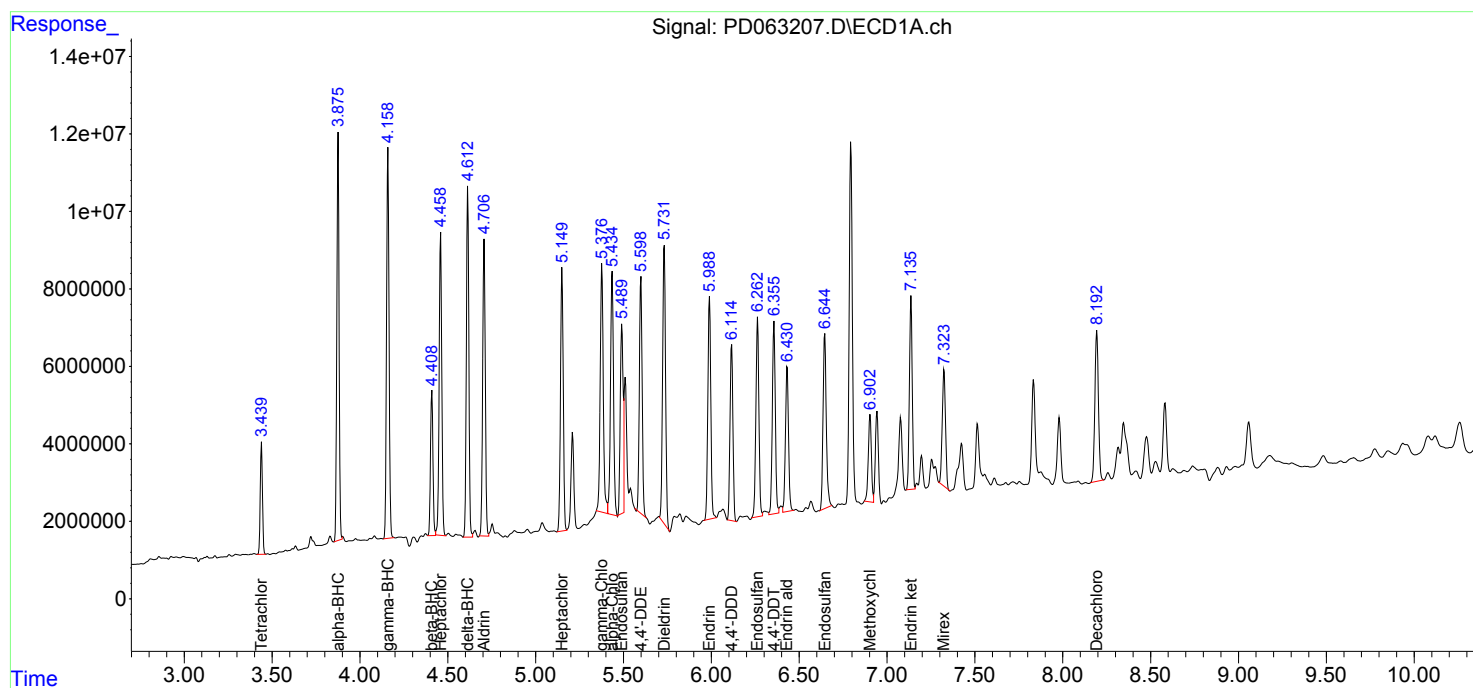
Instrument :
ECD_D
ClientSampleId :
TP-4MS

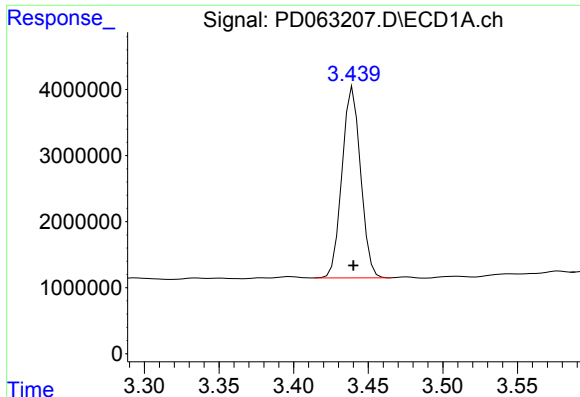
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 17:51:29 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051721.M
Quant Title : GC Extractables
QLast Update : Tue May 18 07:12:39 2021
Response 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





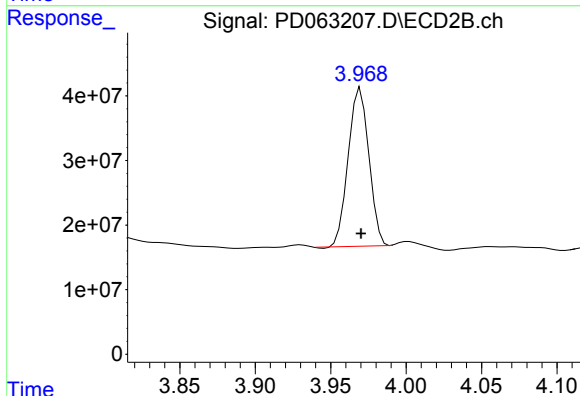
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 25121786
Conc: 22.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-4MS

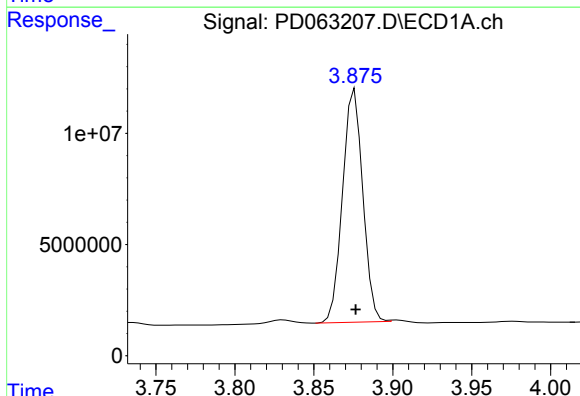
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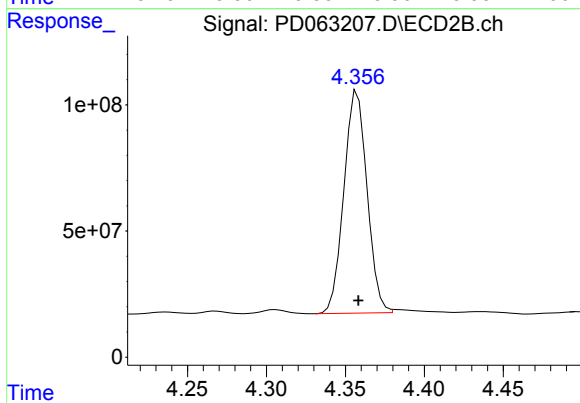
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 233356573
Conc: 20.14 ng/ml



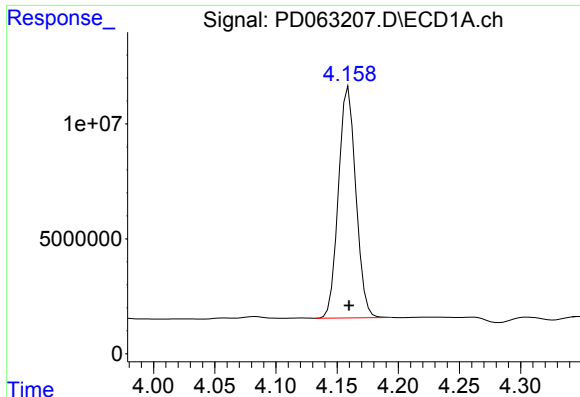
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 93908106
Conc: 54.16 ng/ml



#2 alpha-BHC

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 904122486
Conc: 46.96 ng/ml m



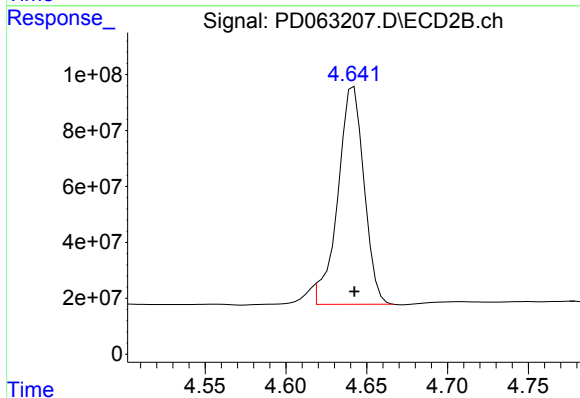
#3 gamma-BHC (Lindane)

R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 99487808
Conc: 61.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-4MS

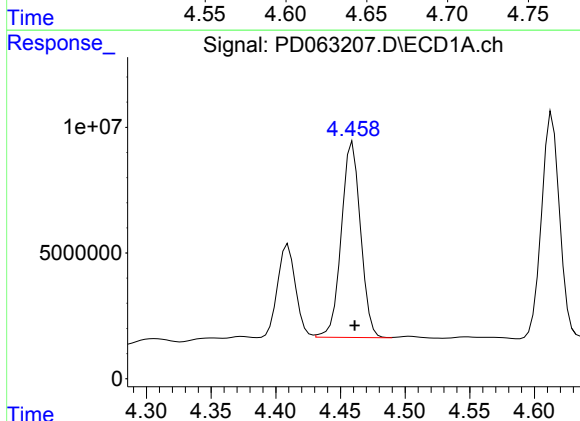
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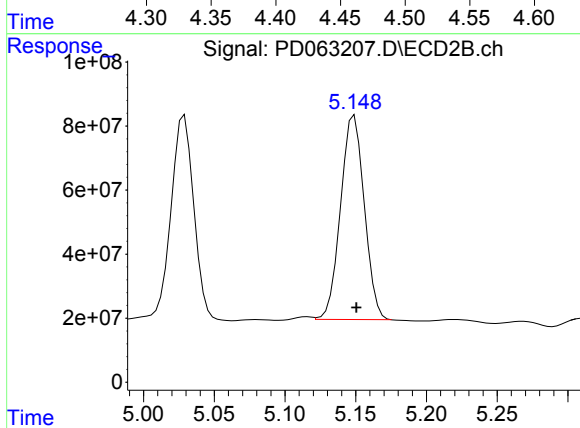
#3 gamma-BHC (Lindane)

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 868224869
Conc: 50.31 ng/ml m



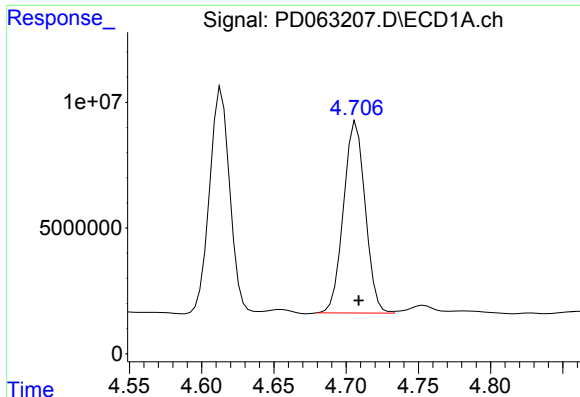
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: -0.001 min
Response: 80404519
Conc: 51.11 ng/ml



#4 Heptachlor

R.T.: 5.148 min
Delta R.T.: -0.003 min
Response: 746232480
Conc: 45.01 ng/ml m



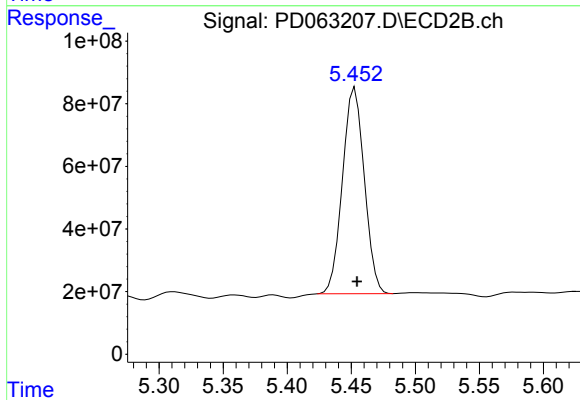
#5 Aldrin

R.T.: 4.707 min
Delta R.T.: -0.002 min
Response: 79442790
Conc: 51.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-4MS

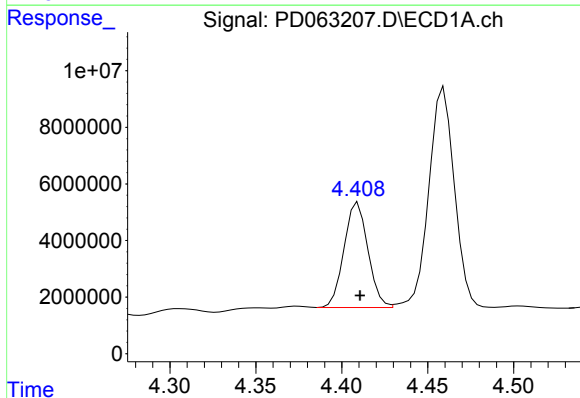
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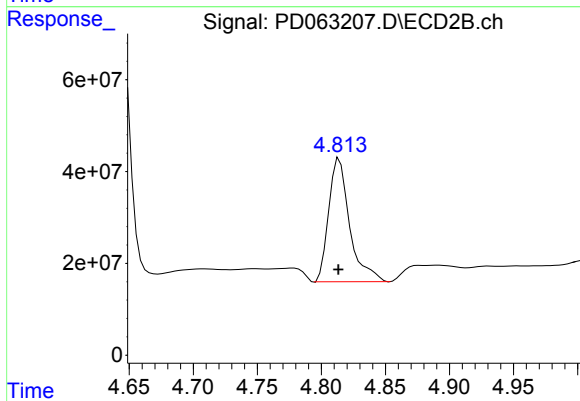
#5 Aldrin

R.T.: 5.452 min
Delta R.T.: -0.003 min
Response: 780430582
Conc: 46.75 ng/ml m



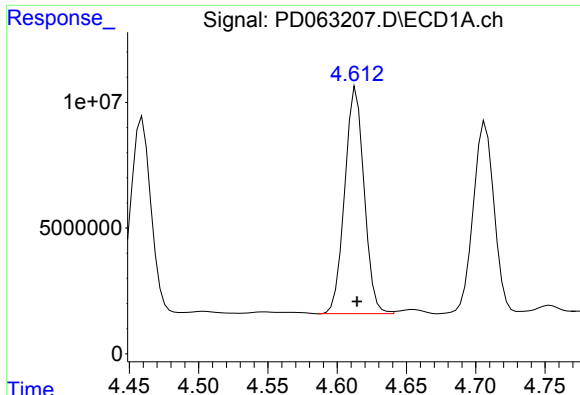
#6 beta-BHC

R.T.: 4.408 min
Delta R.T.: -0.003 min
Response: 36120851
Conc: 45.77 ng/ml m



#6 beta-BHC

R.T.: 4.814 min
Delta R.T.: 0.001 min
Response: 307388100
Conc: 41.44 ng/ml



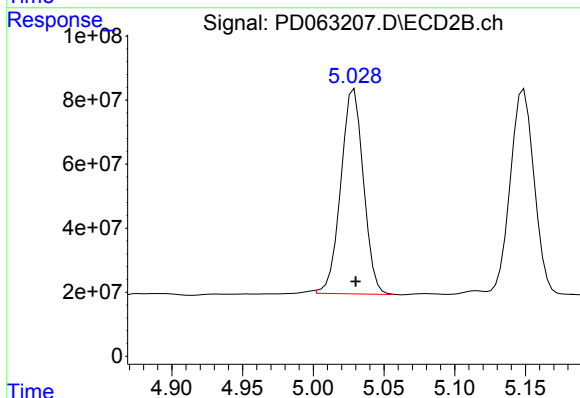
#7 delta-BHC

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 88000970
Conc: 53.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-4MS

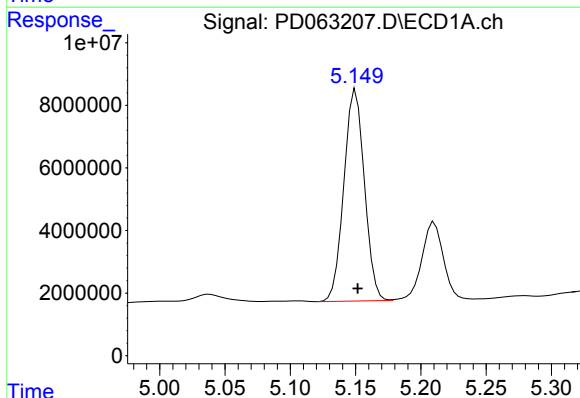
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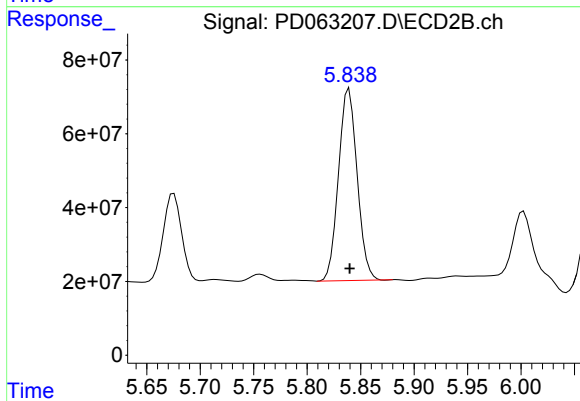
#7 delta-BHC

R.T.: 5.028 min
Delta R.T.: -0.003 min
Response: 712719472
Conc: 51.01 ng/ml m



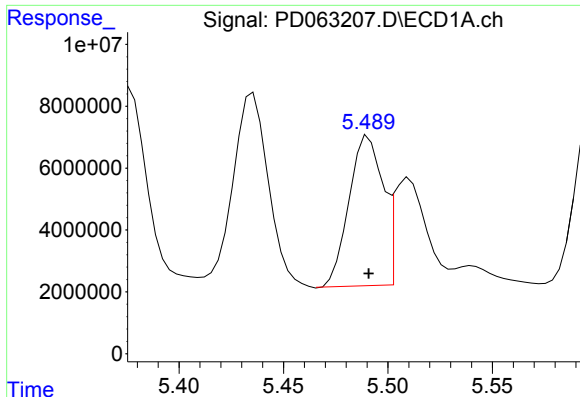
#8 Heptachlor epoxide

R.T.: 5.150 min
Delta R.T.: -0.002 min
Response: 73978522
Conc: 51.33 ng/ml



#8 Heptachlor epoxide

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 632082447
Conc: 41.32 ng/ml



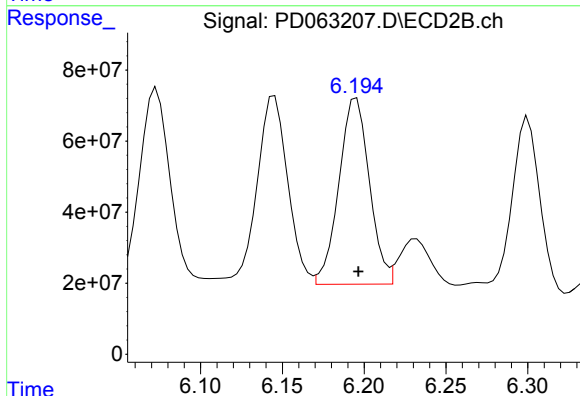
#9 Endosulfan I

R.T.: 5.489 min
Delta R.T.: -0.001 min
Response: 60895667
Conc: 44.88 ng/ml m

Instrument :
ECD_D
ClientSampleId :
TP-4MS

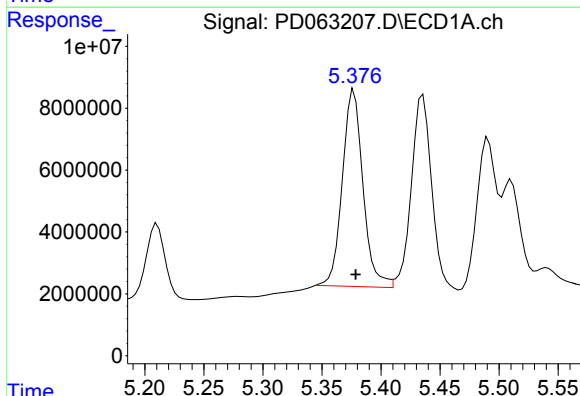
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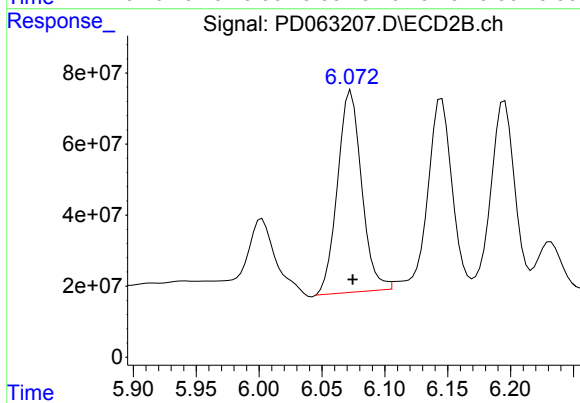
#9 Endosulfan I

R.T.: 6.195 min
Delta R.T.: -0.001 min
Response: 678911520
Conc: 47.79 ng/ml



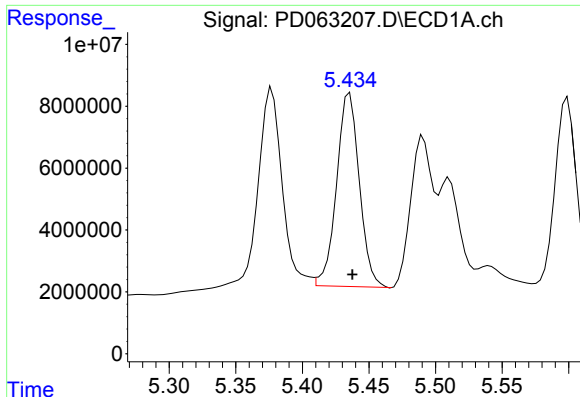
#10 gamma-Chlordane

R.T.: 5.377 min
Delta R.T.: -0.001 min
Response: 77504160
Conc: 52.84 ng/ml



#10 gamma-Chlordane

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 764332252
Conc: 49.03 ng/ml m



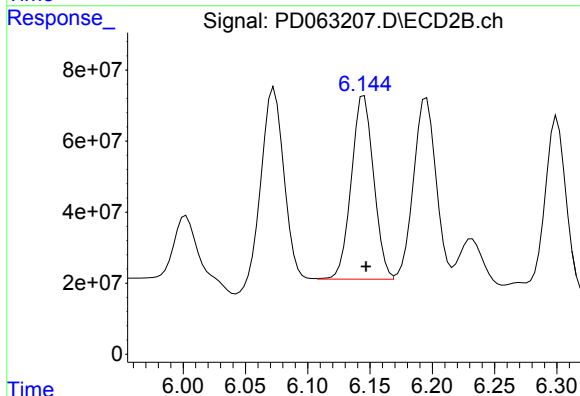
#11 alpha-Chlordane

R.T.: 5.436 min
Delta R.T.: -0.002 min
Response: 74508578
Conc: 51.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-4MS

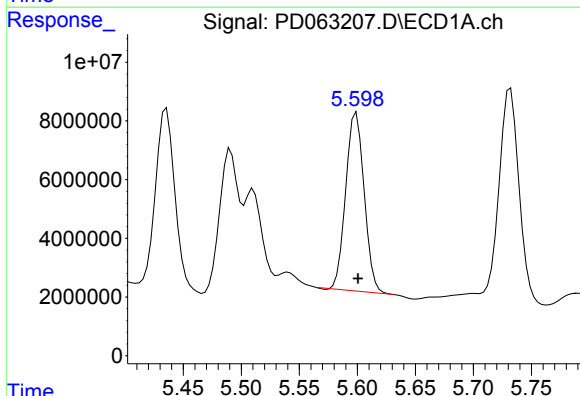
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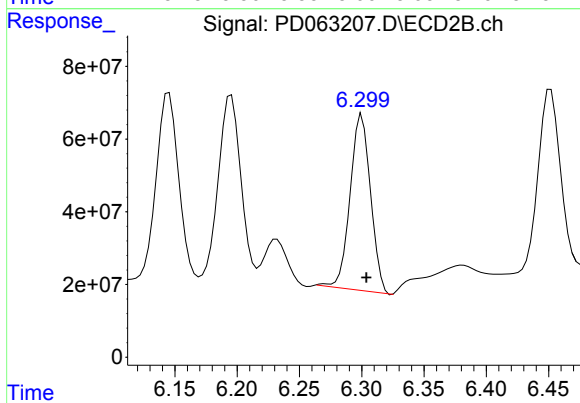
#11 alpha-Chlordane

R.T.: 6.144 min
Delta R.T.: -0.003 min
Response: 651296693
Conc: 43.95 ng/ml m



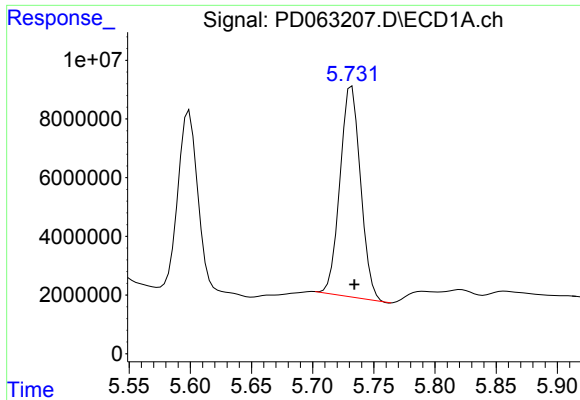
#12 4,4'-DDE

R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 66841397
Conc: 46.59 ng/ml



#12 4,4'-DDE

R.T.: 6.300 min
Delta R.T.: -0.003 min
Response: 555569761
Conc: 36.81 ng/ml



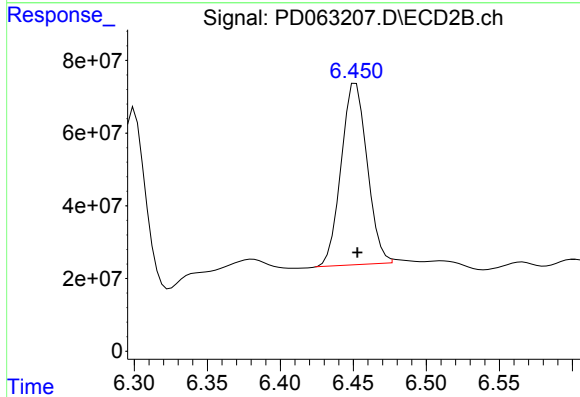
#13 Dieldrin

R.T.: 5.732 min
Delta R.T.: -0.002 min
Response: 84109730
Conc: 56.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-4MS

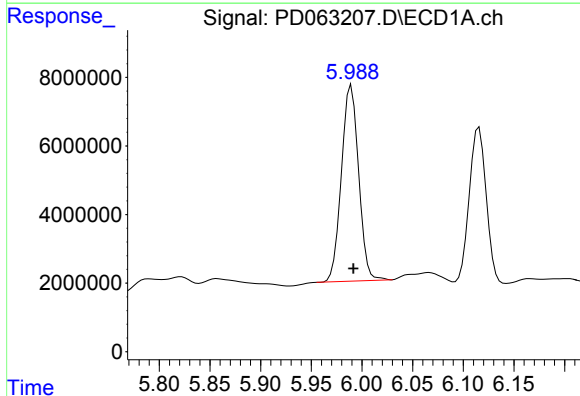
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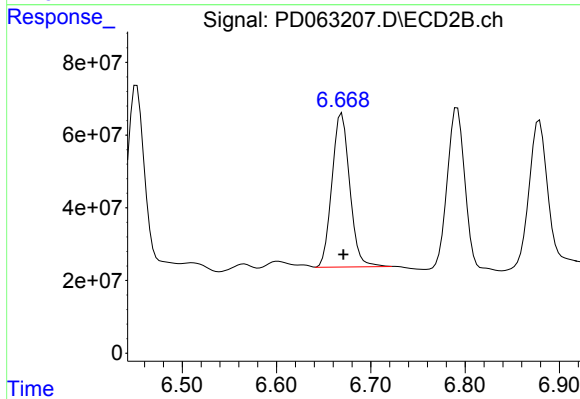
#13 Dieldrin

R.T.: 6.450 min
Delta R.T.: -0.002 min
Response: 620260973
Conc: 40.91 ng/ml m



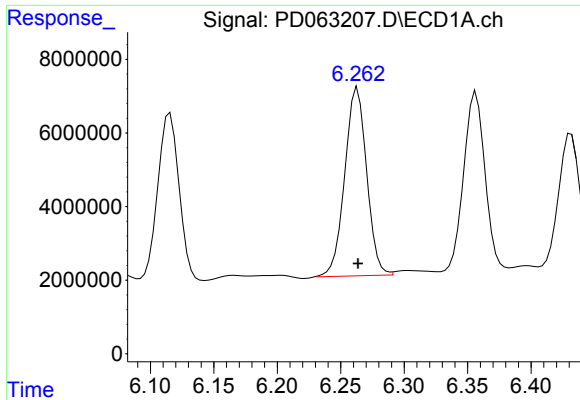
#14 Endrin

R.T.: 5.990 min
Delta R.T.: -0.002 min
Response: 67441449
Conc: 50.42 ng/ml



#14 Endrin

R.T.: 6.668 min
Delta R.T.: -0.003 min
Response: 555345227
Conc: 43.53 ng/ml m



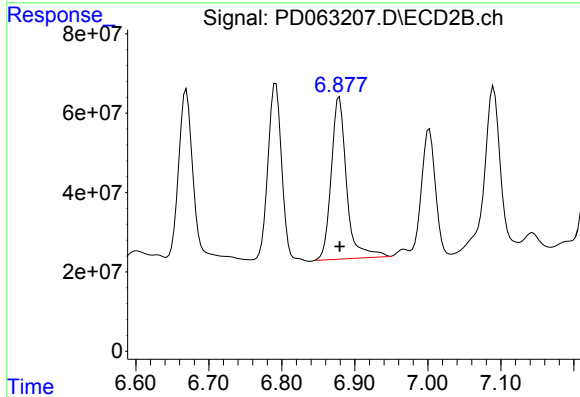
#15 Endosulfan II

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 61386602
Conc: 49.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-4MS

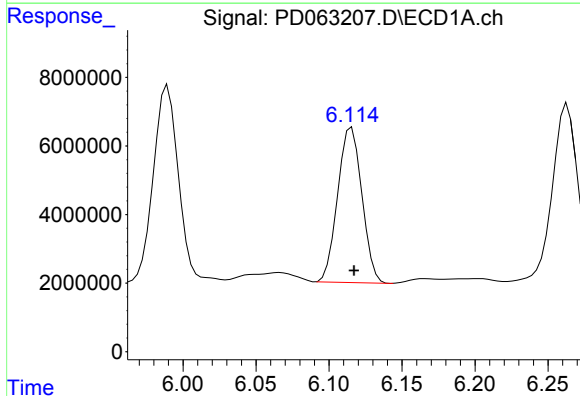
Manual Integrations
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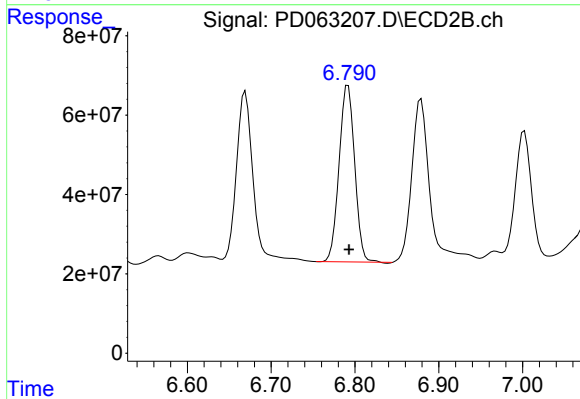
#15 Endosulfan II

R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 597212960
Conc: 49.80 ng/ml



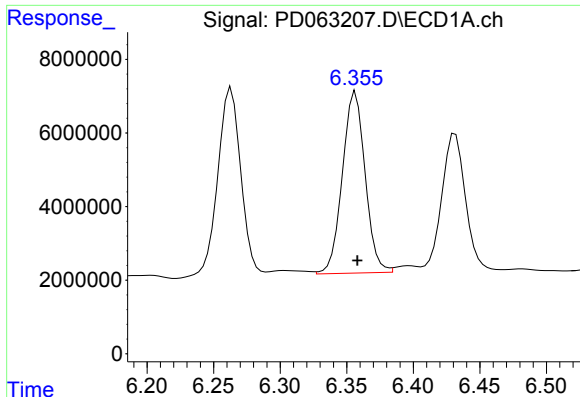
#16 4,4'-DDD

R.T.: 6.116 min
Delta R.T.: -0.002 min
Response: 52226502
Conc: 43.41 ng/ml



#16 4,4'-DDD

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 574671233
Conc: 47.37 ng/ml



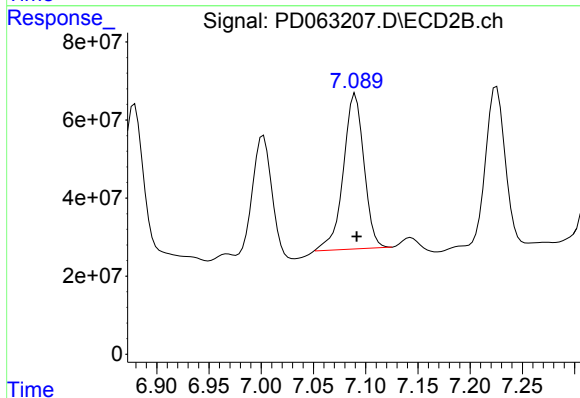
#17 4,4'-DDT

R.T.: 6.357 min
Delta R.T.: -0.001 min
Response: 58685248
Conc: 51.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-4MS

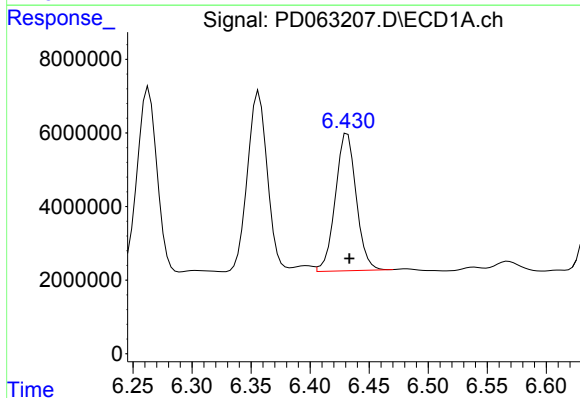
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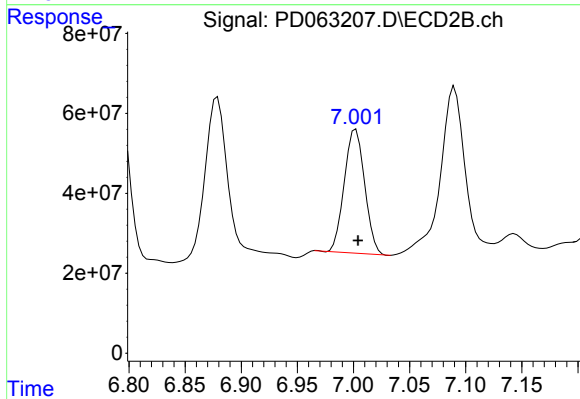
#17 4,4'-DDT

R.T.: 7.090 min
Delta R.T.: -0.001 min
Response: 54535384
Conc: 48.37 ng/ml



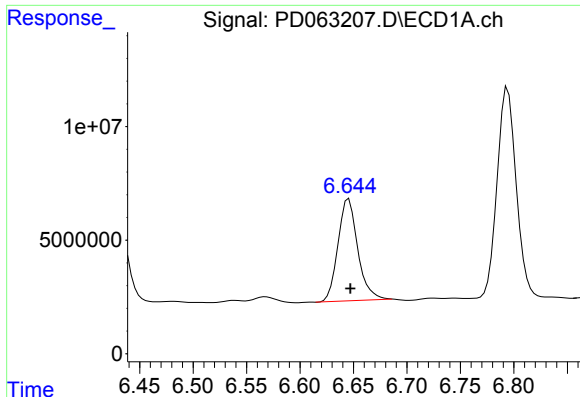
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: -0.002 min
Response: 46012657
Conc: 43.29 ng/ml



#18 Endrin aldehyde

R.T.: 7.002 min
Delta R.T.: -0.002 min
Response: 392099899
Conc: 38.50 ng/ml



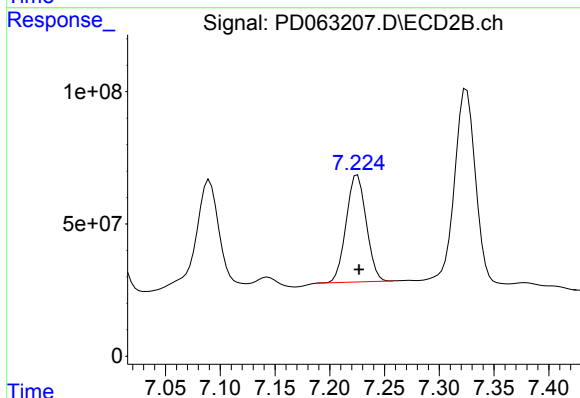
#19 Endosulfan Sulfate

R.T.: 6.646 min
Delta R.T.: -0.002 min
Response: 58048094
Conc: 48.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-4MS

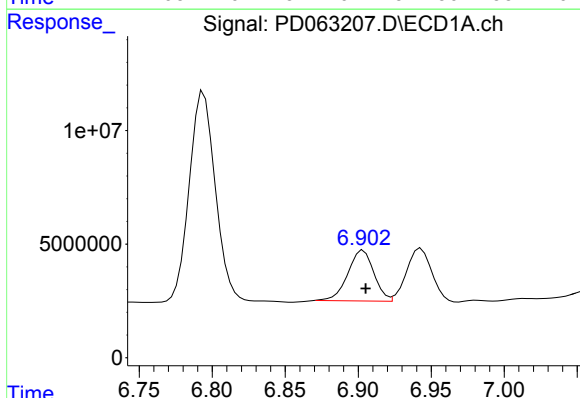
Manual Integrations
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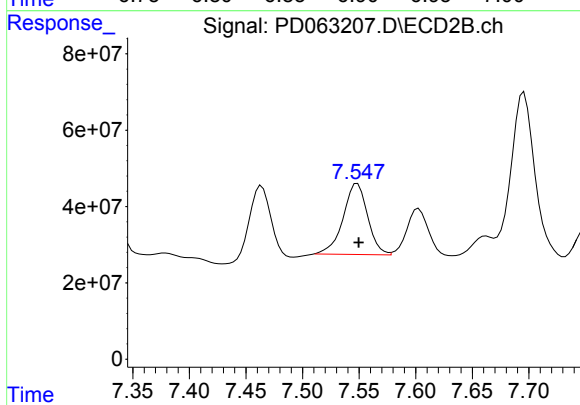
#19 Endosulfan Sulfate

R.T.: 7.225 min
Delta R.T.: -0.001 min
Response: 516991639
Conc: 42.13 ng/ml



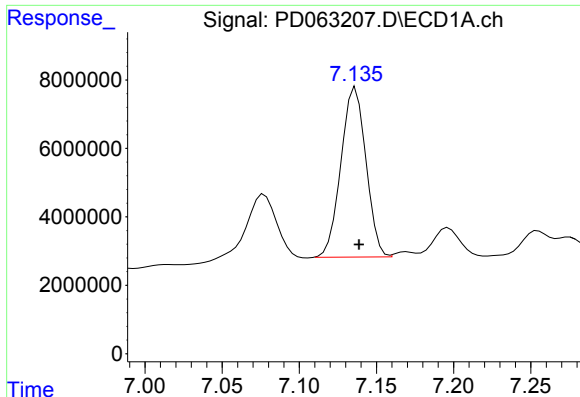
#20 Methoxychlor

R.T.: 6.904 min
Delta R.T.: -0.002 min
Response: 27674553
Conc: 41.24 ng/ml



#20 Methoxychlor

R.T.: 7.548 min
Delta R.T.: -0.001 min
Response: 280648009
Conc: 48.92 ng/ml



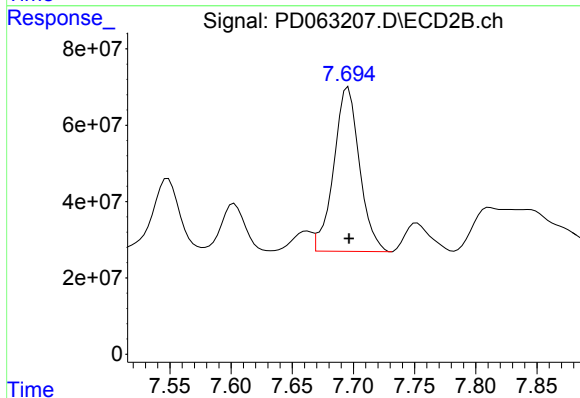
#21 Endrin ketone

R.T.: 7.136 min
Delta R.T.: -0.002 min
Response: 55929604
Conc: 37.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-4MS

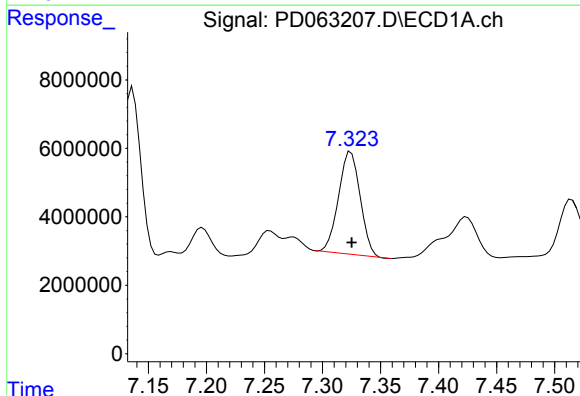
Manual Integrations
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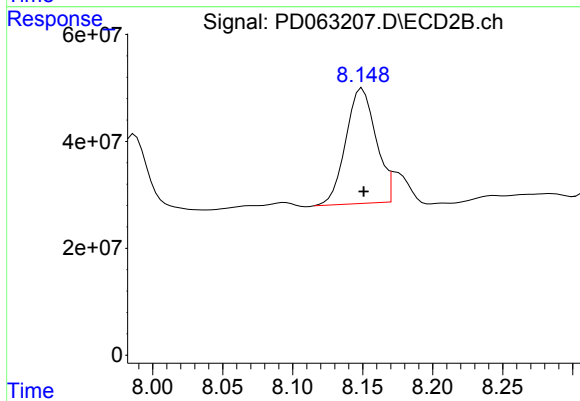
#21 Endrin ketone

R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 631448807
Conc: 52.64 ng/ml



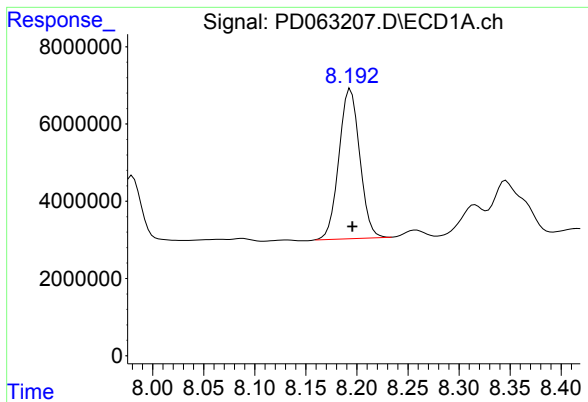
#22 Mirex

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 38881283
Conc: 36.24 ng/ml



#22 Mirex

R.T.: 8.148 min
Delta R.T.: -0.002 min
Response: 327696296
Conc: 43.09 ng/ml m



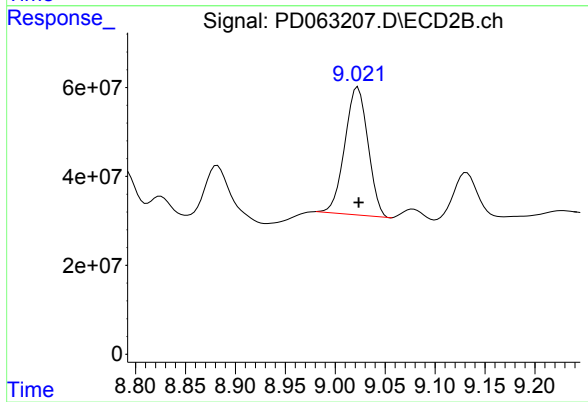
#28 Decachlorobiphenyl

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 55008193
Conc: 43.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-4MS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 464103962
Conc: 45.49 ng/ml