

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051721\
 Data File : PD063026.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2021 20:22
 Operator : AR\AJ
 Sample : M2383-10MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 KTW-02MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 07:21:39 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...	3.439	3.967	29867005	553.1E6	27.114	47.727m#
2)	SA Decachlor...	8.196	9.023	15730350	120.9E6	12.499	11.850m
Target Compounds							
2)	A alpha-BHC	3.864	4.356	494.1E6	566.8E6	284.980m	29.439m#
3)	MA gamma-BHC...	4.160	4.643	153.6E6	706.8E6	94.501m	40.950m#
4)	MA Heptachlor	4.460	5.146	78621956	562.9E6	49.979	33.946m#
5)	MB Aldrin	4.706	5.453	136.3E6	733.1E6	88.975	43.918m#
6)	B beta-BHC	4.410	4.828f	74742432	3534.2E6	104.201m	476.465 #
7)	B delta-BHC	4.615	5.031	194.8E6	548.3E6	118.145m	39.246 #
8)	B Heptachlo...	5.150	5.839	80418313	551.4E6	55.803	36.051 #
9)	A Endosulfan I	5.490	6.195	76032967	857.4E6	56.030	60.358
10)	B gamma-Chl...	5.377	6.067	170.5E6	1199.8E6	116.249	76.962 #
11)	B alpha-Chl...	5.437	6.146	105.2E6	749.4E6	72.855	50.566 #
12)	B 4,4'-DDE	5.599	6.302	76309447	507.1E6	53.191m	33.595m#
13)	MA Dieldrin	5.731	6.454	84640094	789.4E6	57.204m	52.061
14)	MA Endrin	5.991	6.671	62035787	574.1E6	46.383	44.994
15)	B Endosulfa...	6.265	6.880	65819013	940.6E6	52.904	78.439 #
16)	A 4,4'-DDD	6.117	6.792	54758541	440.4E6	45.520	36.301m
17)	MA 4,4'-DDT	6.357	7.092	57621730	572.5E6	50.414	50.771
18)	B Endrin al...	6.426	7.004	77243733	427.0E6	72.669	41.928 #
19)	B Endosulfa...	6.646	7.225	64214853	560.1E6	53.278	45.647m
20)	A Methoxychlor	6.904	7.548	28486747	192.1E6	42.450	33.494m
21)	B Endrin ke...	7.137	7.695	74842135	490.0E6	50.647	40.849m
22)	Mirex	7.324	8.150	57804625	331.6E6	53.871m	43.610m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051721\
Data File : PD063026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2021 20:22
Operator : AR\AJ
Sample : M2383-10MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

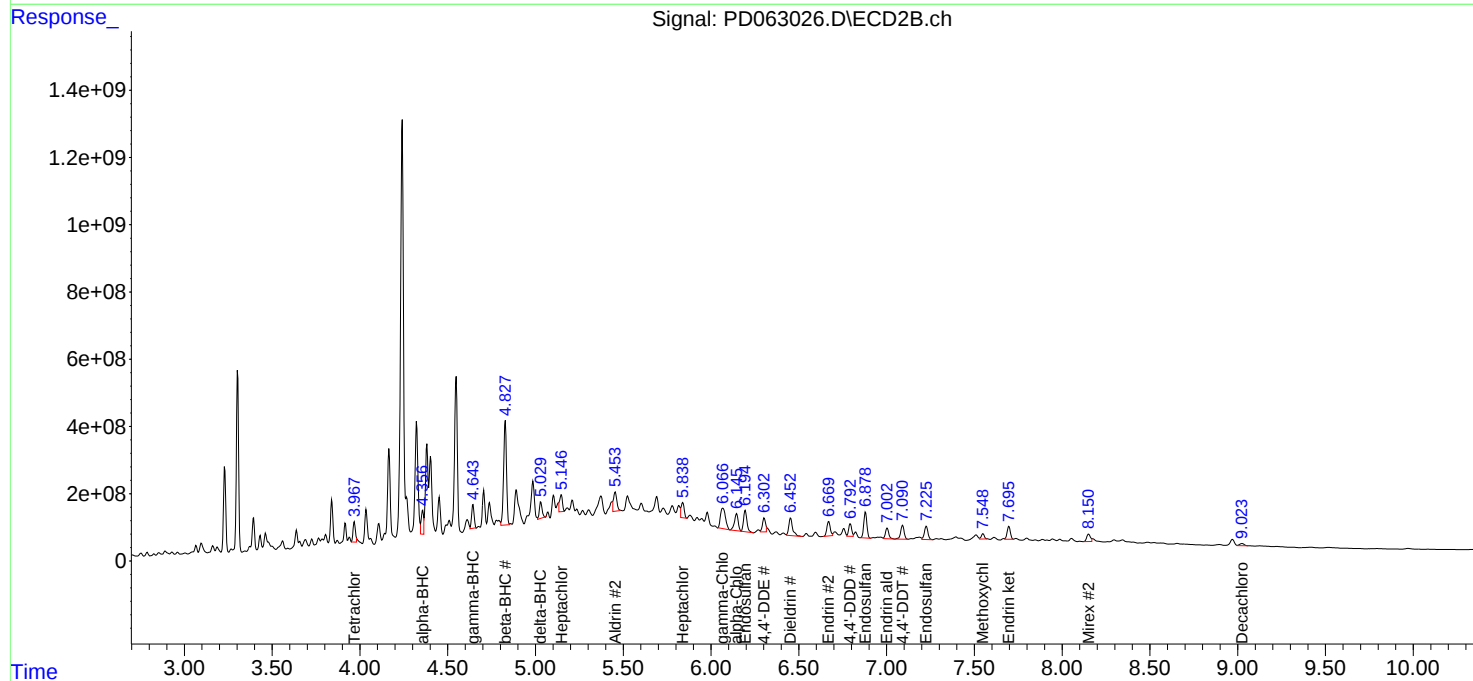
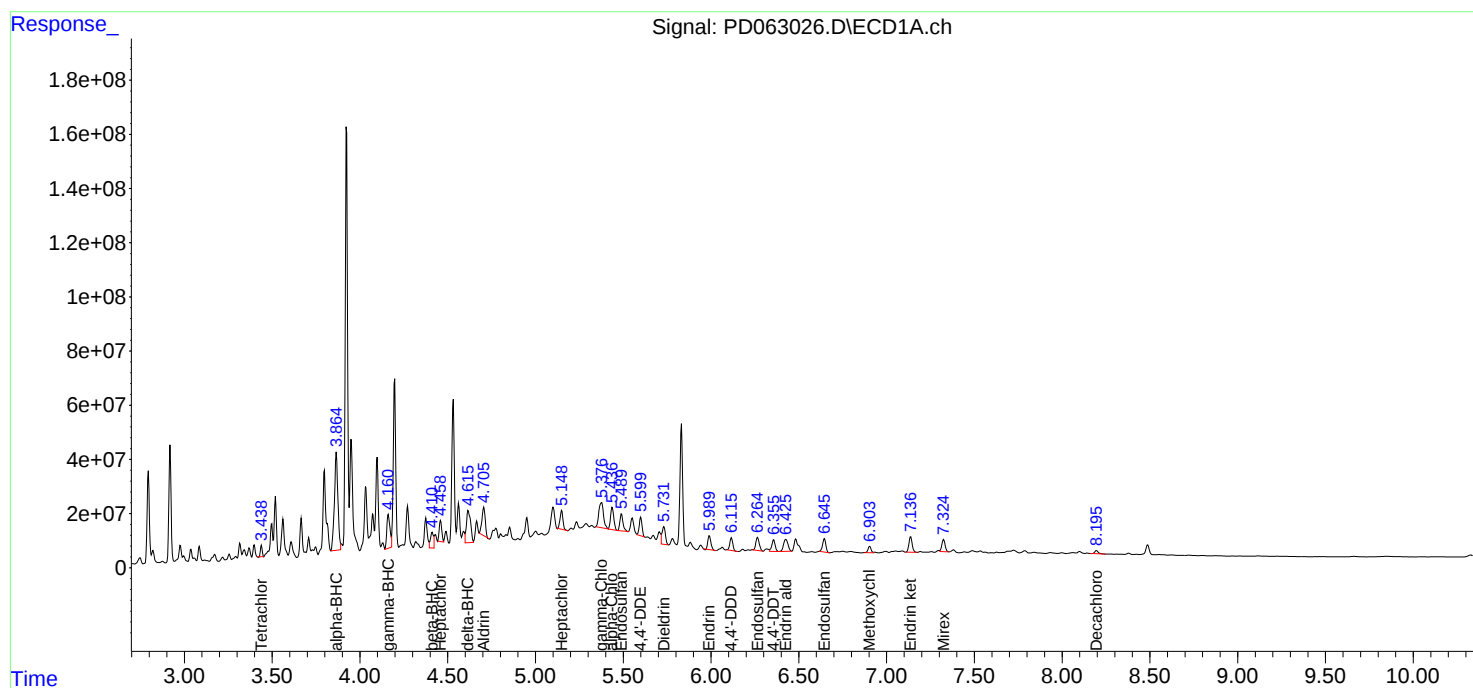
Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

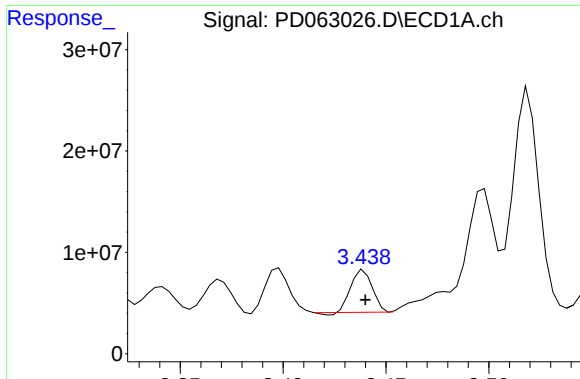
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 07:21:39 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051721.M
Quant Title : GC Extractables
QLast Update : Tue May 18 07:12:39 2021
Response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





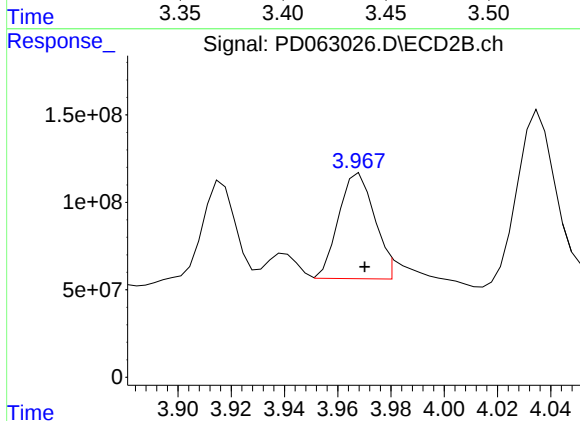
#1 Tetrachloro-m-xylene

R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 29867005
Conc: 27.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

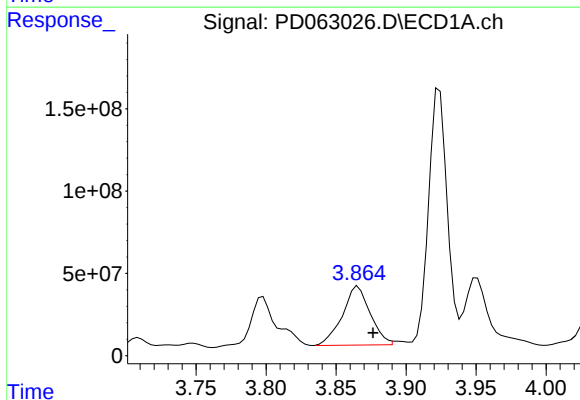
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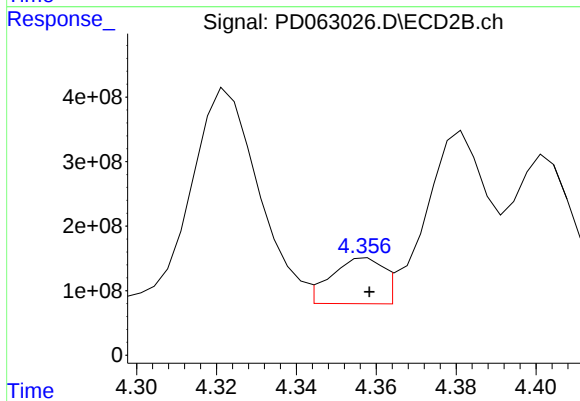
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: -0.003 min
Response: 553063094
Conc: 47.73 ng/ml m



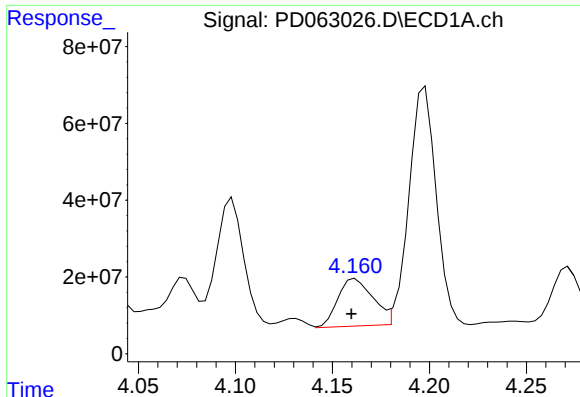
#2 alpha-BHC

R.T.: 3.864 min
Delta R.T.: -0.012 min
Response: 494117972
Conc: 284.98 ng/ml m



#2 alpha-BHC

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 566833470
Conc: 29.44 ng/ml m



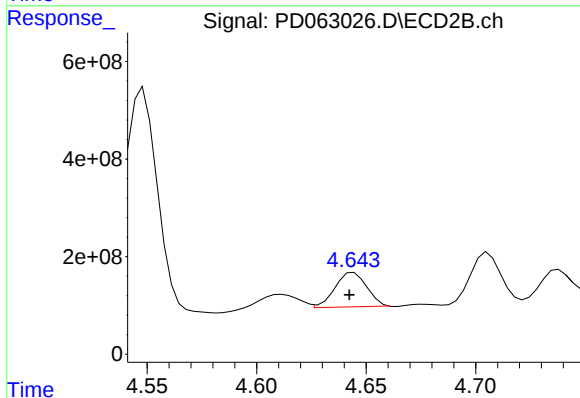
#3 gamma-BHC (Lindane)

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 153646525
Conc: 94.50 ng/ml m

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

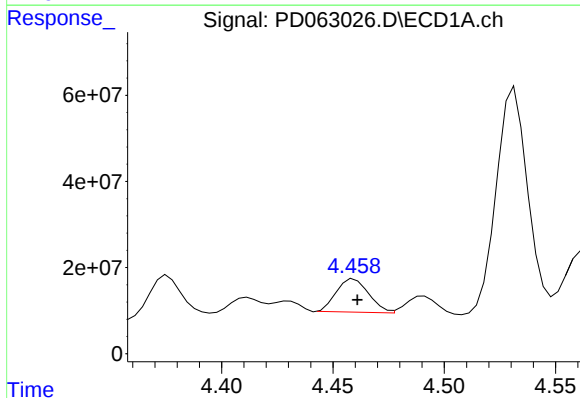
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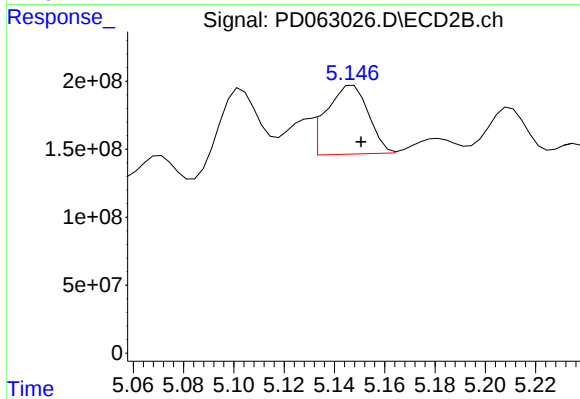
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 706751293
Conc: 40.95 ng/ml m



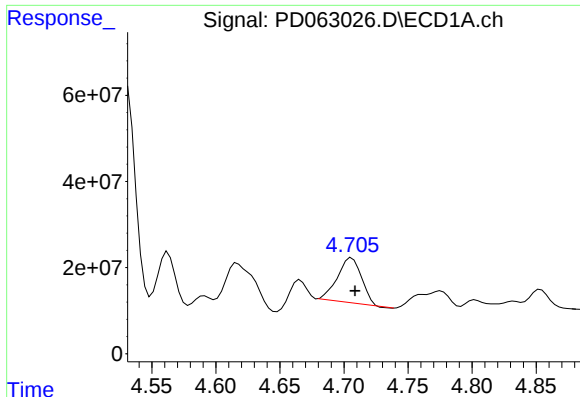
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: -0.001 min
Response: 78621956
Conc: 49.98 ng/ml



#4 Heptachlor

R.T.: 5.146 min
Delta R.T.: -0.004 min
Response: 562852704
Conc: 33.95 ng/ml m



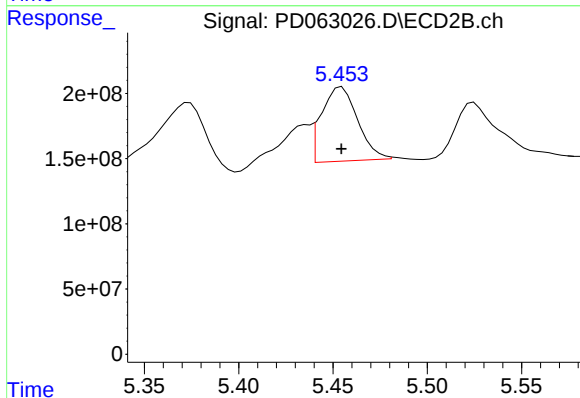
#5 Aldrin

R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 136307832
Conc: 88.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

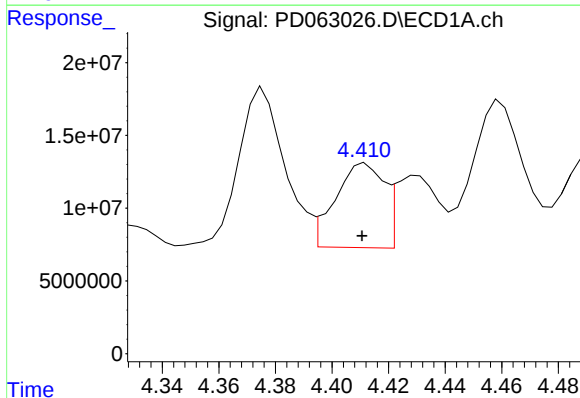
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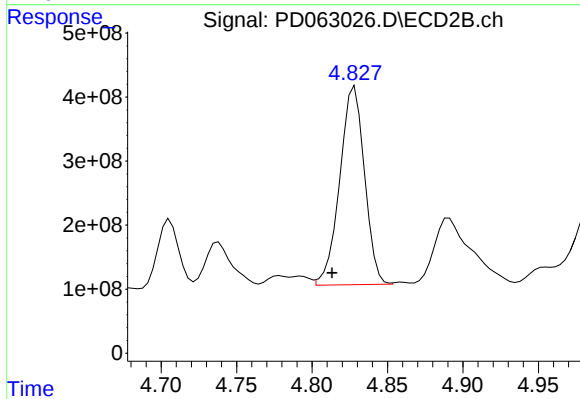
#5 Aldrin

R.T.: 5.453 min
Delta R.T.: -0.001 min
Response: 733081610
Conc: 43.92 ng/ml m



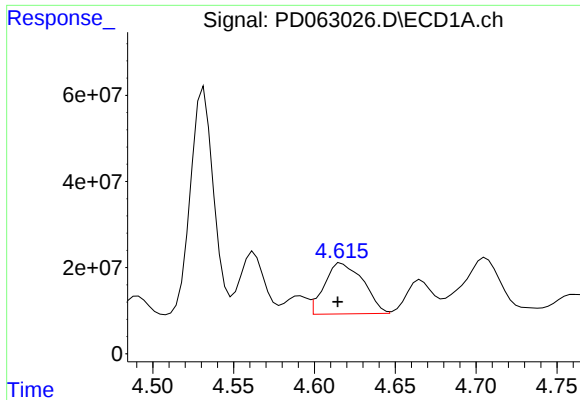
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 74742432
Conc: 104.20 ng/ml m



#6 beta-BHC

R.T.: 4.828 min
Delta R.T.: 0.015 min
Response: 3534170228
Conc: 476.46 ng/ml



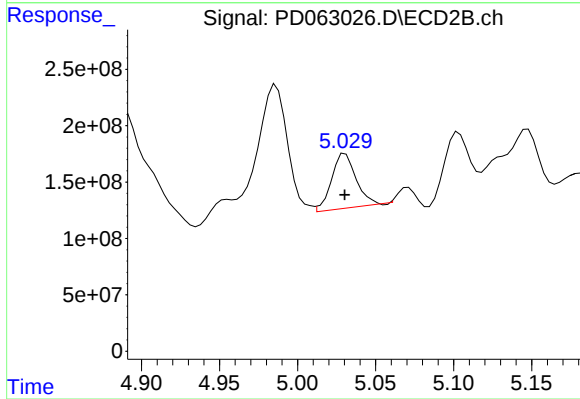
#7 delta-BHC

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 194750404
Conc: 118.15 ng/ml m

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

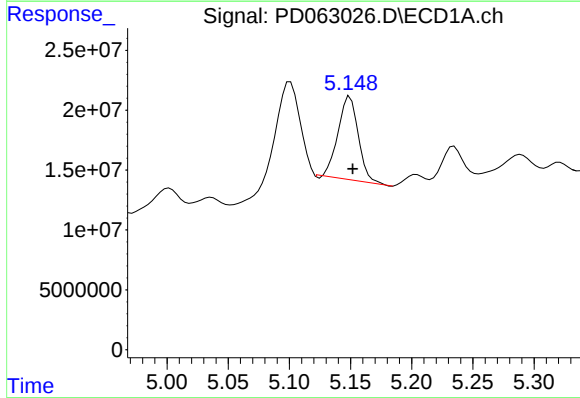
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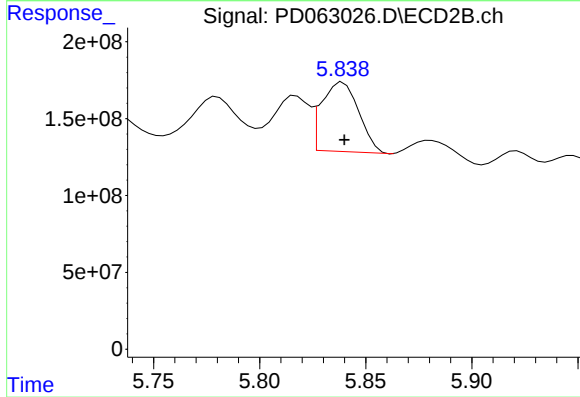
#7 delta-BHC

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 548340500
Conc: 39.25 ng/ml



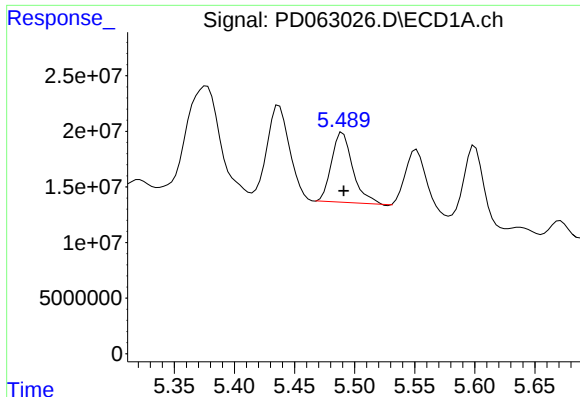
#8 Heptachlor epoxide

R.T.: 5.150 min
Delta R.T.: -0.002 min
Response: 80418313
Conc: 55.80 ng/ml



#8 Heptachlor epoxide

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 551426314
Conc: 36.05 ng/ml



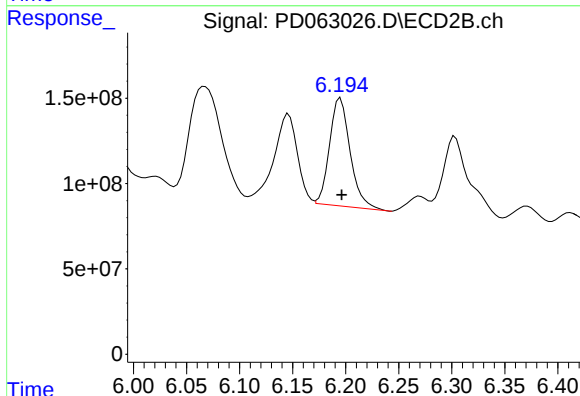
#9 Endosulfan I

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 76032967
Conc: 56.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

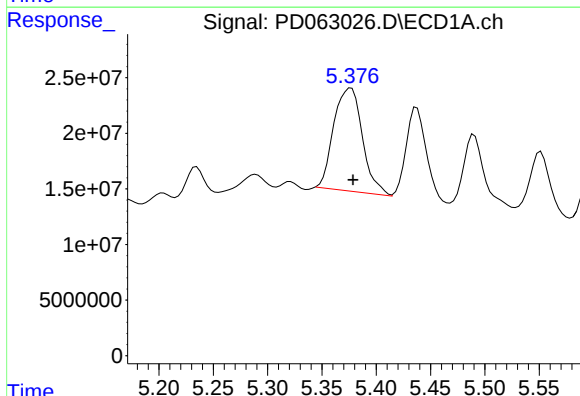
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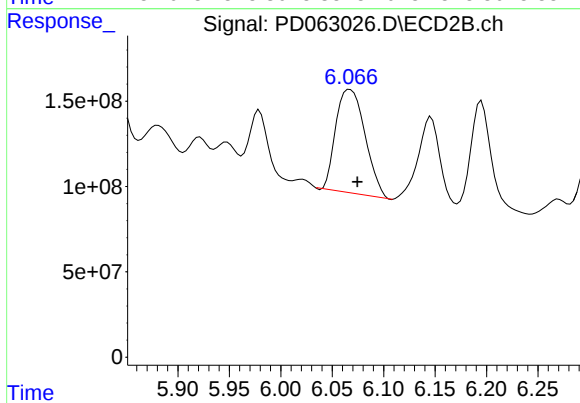
#9 Endosulfan I

R.T.: 6.195 min
Delta R.T.: -0.001 min
Response: 857374600
Conc: 60.36 ng/ml



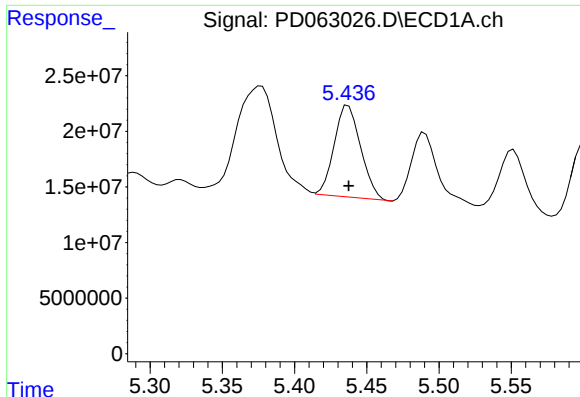
#10 gamma-Chlordane

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 170513256
Conc: 116.25 ng/ml



#10 gamma-Chlordane

R.T.: 6.067 min
Delta R.T.: -0.007 min
Response: 1199753392
Conc: 76.96 ng/ml



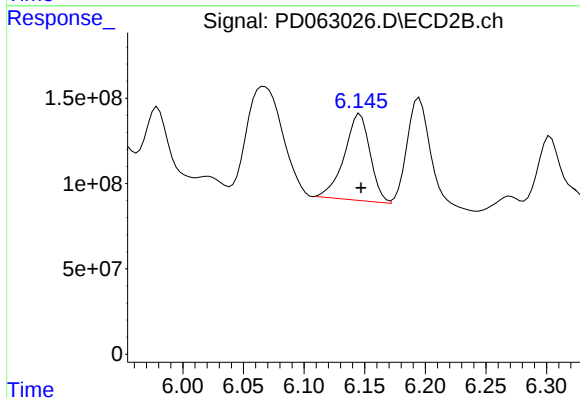
#11 alpha-Chlordane

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 105184512
Conc: 72.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

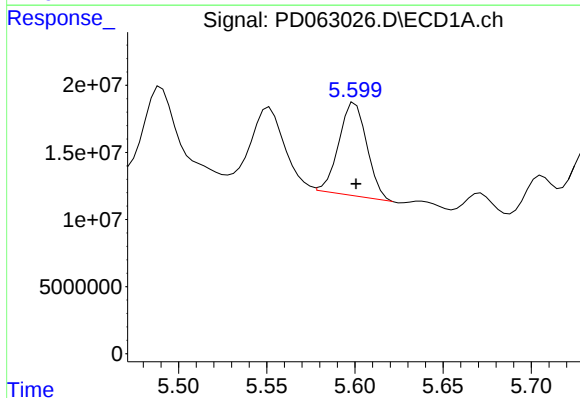
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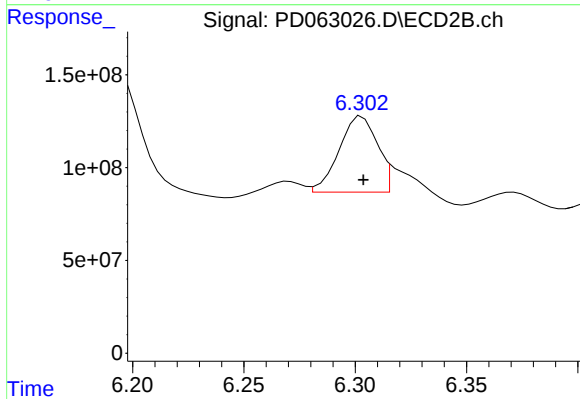
#11 alpha-Chlordane

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 749378445
Conc: 50.57 ng/ml



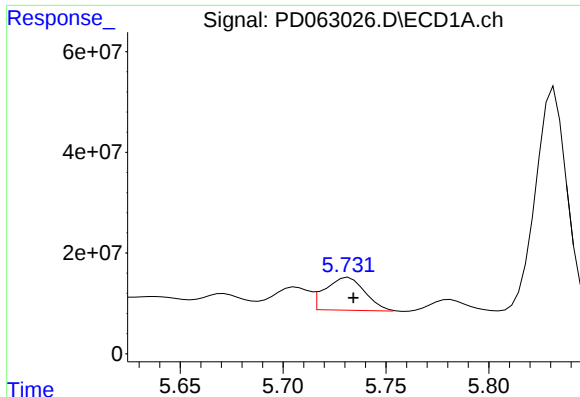
#12 4,4'-DDE

R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 76309447
Conc: 53.19 ng/ml m



#12 4,4'-DDE

R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 507086537
Conc: 33.59 ng/ml m



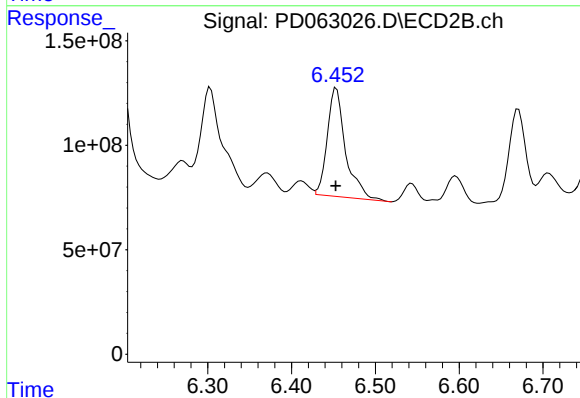
#13 Dieldrin

R.T.: 5.731 min
Delta R.T.: -0.004 min
Response: 84640094
Conc: 57.20 ng/ml m

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

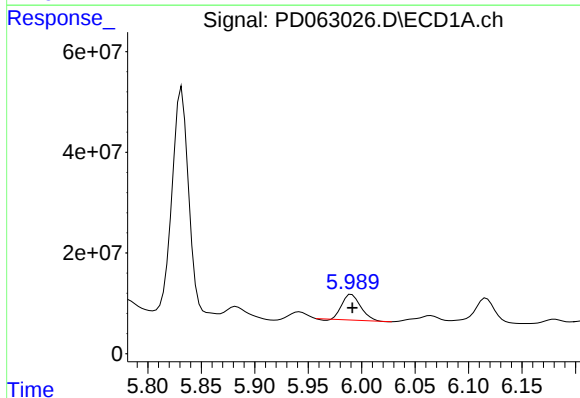
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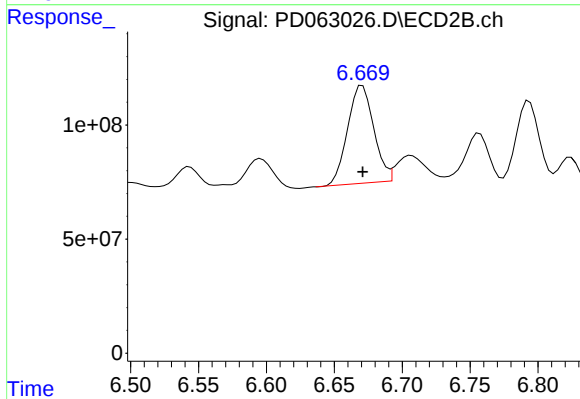
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 789419155
Conc: 52.06 ng/ml



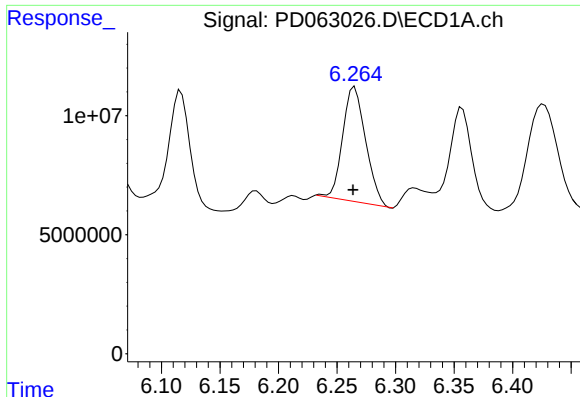
#14 Endrin

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 62035787
Conc: 46.38 ng/ml



#14 Endrin

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 574060282
Conc: 44.99 ng/ml



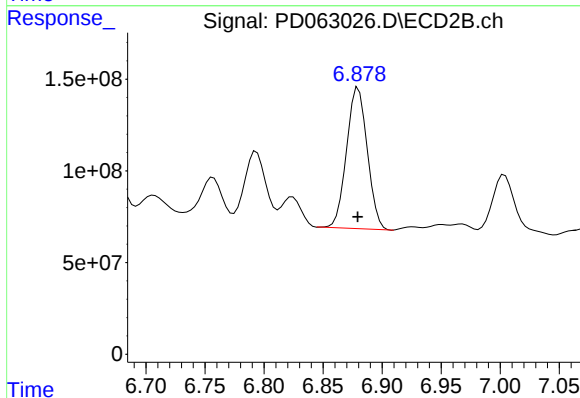
#15 Endosulfan II

R.T.: 6.265 min
Delta R.T.: 0.001 min
Response: 65819013
Conc: 52.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

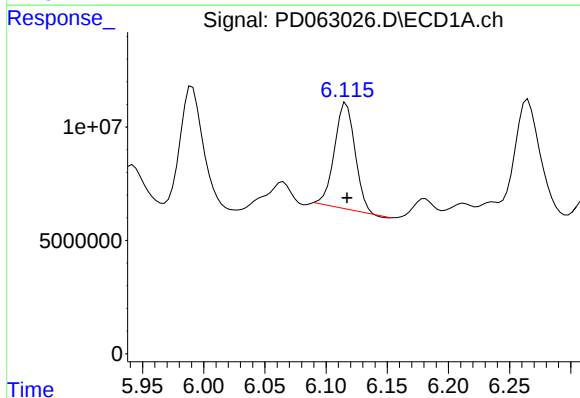
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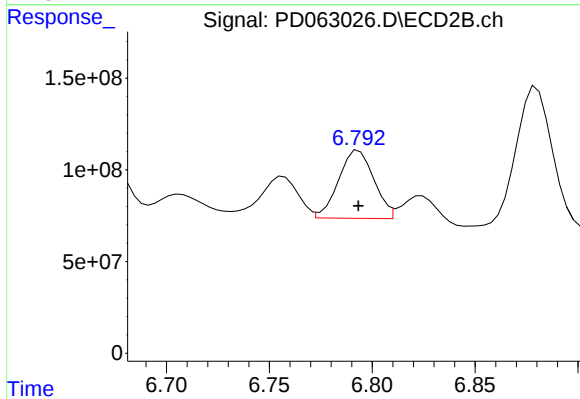
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 940617530
Conc: 78.44 ng/ml



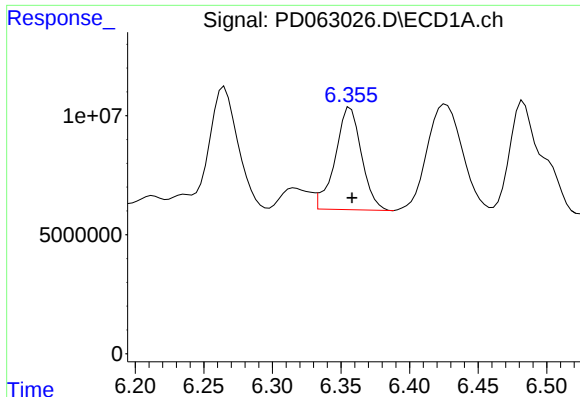
#16 4,4'-DDD

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 54758541
Conc: 45.52 ng/ml



#16 4,4'-DDD

R.T.: 6.792 min
Delta R.T.: -0.001 min
Response: 440422950
Conc: 36.30 ng/ml m



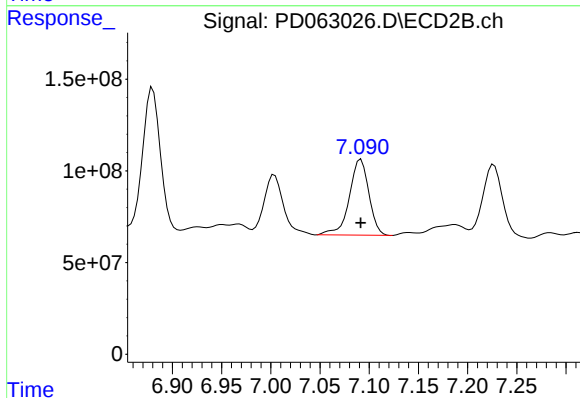
#17 4,4'-DDT

R.T.: 6.357 min
Delta R.T.: -0.001 min
Response: 57621730
Conc: 50.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

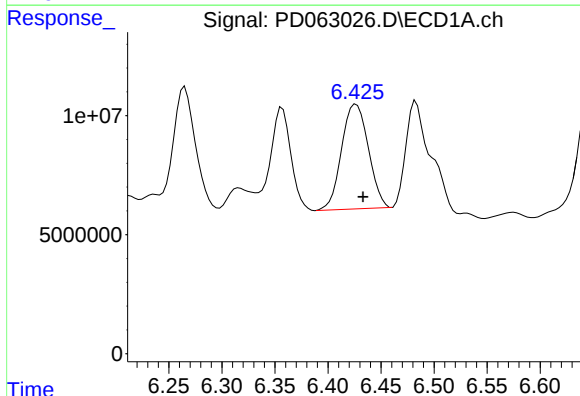
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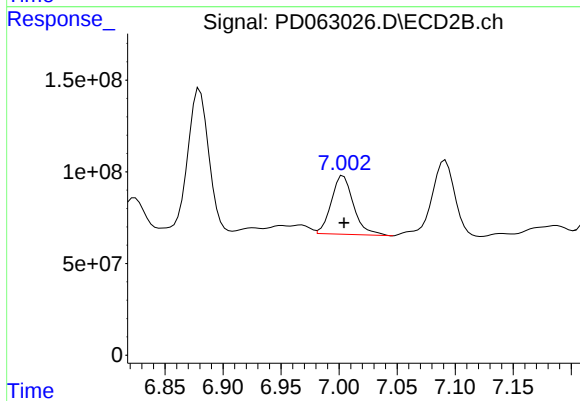
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 572480912
Conc: 50.77 ng/ml



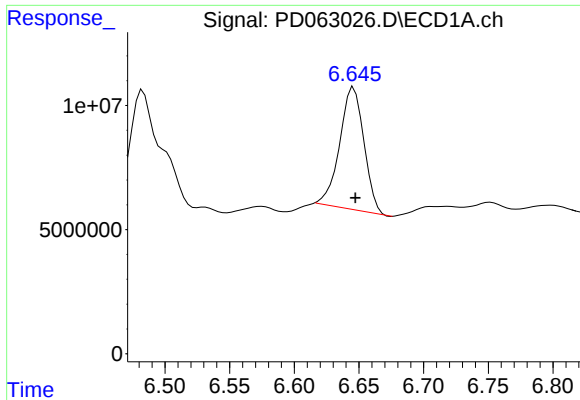
#18 Endrin aldehyde

R.T.: 6.426 min
Delta R.T.: -0.007 min
Response: 77243733
Conc: 72.67 ng/ml



#18 Endrin aldehyde

R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 427022876
Conc: 41.93 ng/ml



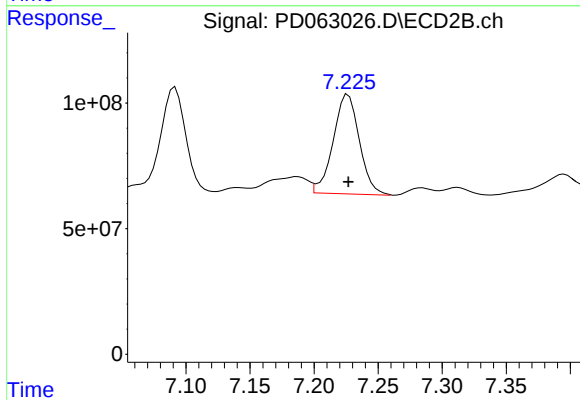
#19 Endosulfan Sulfate

R.T.: 6.646 min
Delta R.T.: -0.001 min
Response: 64214853
Conc: 53.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

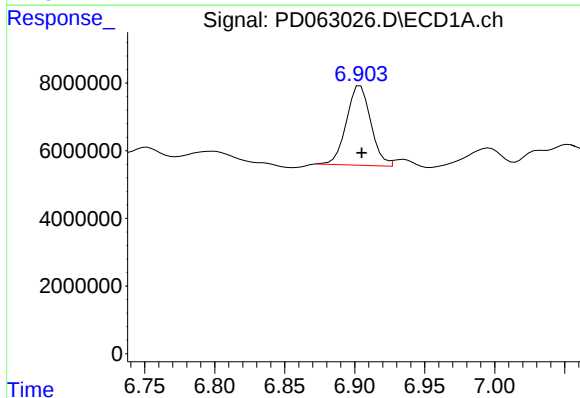
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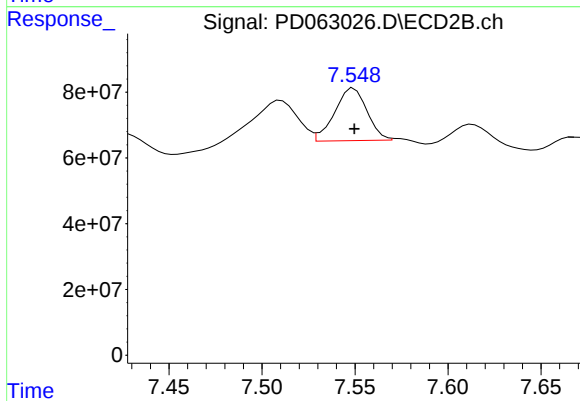
#19 Endosulfan Sulfate

R.T.: 7.225 min
Delta R.T.: -0.002 min
Response: 560088807
Conc: 45.65 ng/ml m



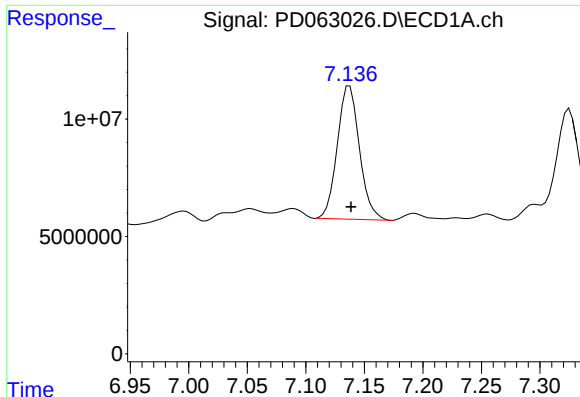
#20 Methoxychlor

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 28486747
Conc: 42.45 ng/ml



#20 Methoxychlor

R.T.: 7.548 min
Delta R.T.: -0.002 min
Response: 192143484
Conc: 33.49 ng/ml m



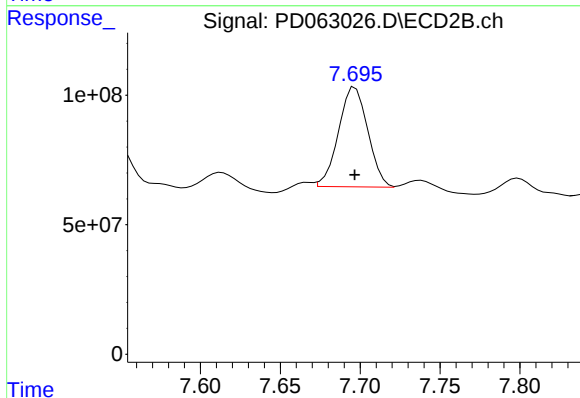
#21 Endrin ketone

R.T.: 7.137 min
Delta R.T.: -0.001 min
Response: 74842135
Conc: 50.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

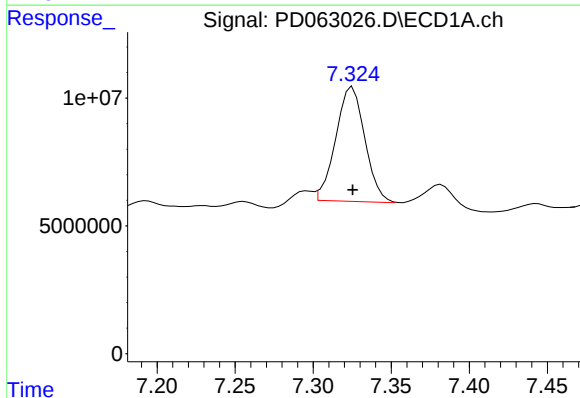
Manual Integrations
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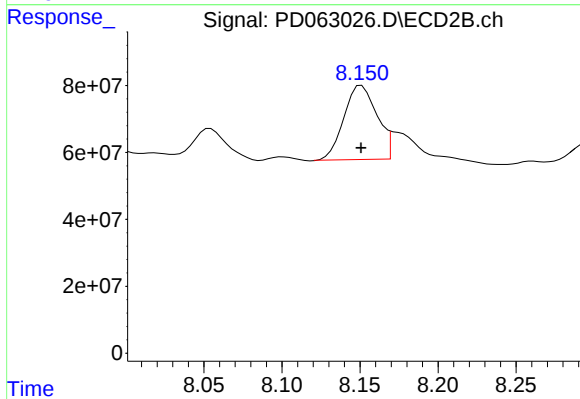
#21 Endrin ketone

R.T.: 7.695 min
Delta R.T.: -0.001 min
Response: 490005501
Conc: 40.85 ng/ml m



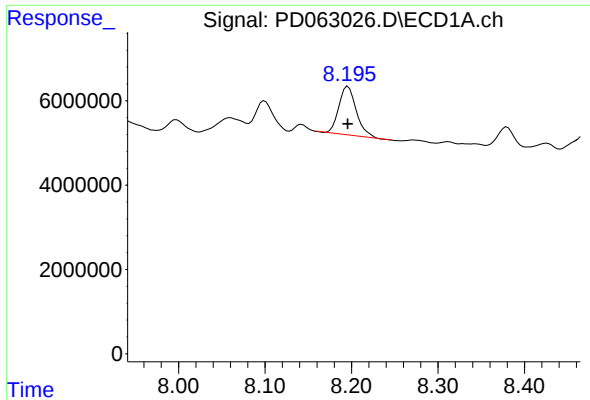
#22 Mirex

R.T.: 7.324 min
Delta R.T.: -0.001 min
Response: 57804625
Conc: 53.87 ng/ml m



#22 Mirex

R.T.: 8.150 min
Delta R.T.: -0.001 min
Response: 331624142
Conc: 43.61 ng/ml m



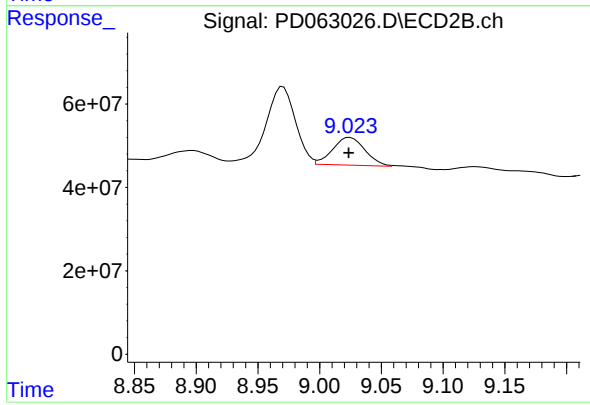
#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 15730350
Conc: 12.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 120897123
Conc: 11.85 ng/ml m