

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082321\
 Data File : PD065239.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2021 13:55
 Operator : AR\AJ
 Sample : M3463-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SWCS-20-0003MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 04:16:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 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...	3.496	4.013	7959825	63260664	7.744	7.987
28)	SA Decachlor...	8.241	9.084	4021466	16458724	3.549	3.478
Target Compounds							
2)	A alpha-BHC	3.935	4.408	69563831	528.8E6	48.606	45.517
3)	MA gamma-BHC...	4.218	4.694	65491682	490.0E6	47.736	46.254
4)	MA Heptachlor	4.517	5.198	60954871	445.1E6	46.799	44.396
5)	MB Aldrin	4.765	5.503	57851741	412.6E6	48.242	45.676
6)	B beta-BHC	4.466	4.870	31258316	215.9E6	48.167	47.826
7)	B delta-BHC	4.671	5.086	64345680	461.1E6	48.670	47.480
8)	B Heptachlo...	5.207	5.892	55022778	340.3E6	48.419	45.617
9)	A Endosulfan I	5.545	6.250	52285089	333.8E6	49.016	47.399
10)	B gamma-Chl...	5.432	6.126	54609652	358.3E6	48.298	46.854
11)	B alpha-Chl...	5.491	6.198	54279014	347.0E6	48.478	46.617
12)	B 4,4'-DDE	5.653	6.356	52888683	341.9E6	50.182	47.617
13)	MA Dieldrin	5.789	6.508	58126533	358.2E6	51.794	49.369
14)	MA Endrin	6.046	6.727	53452412	295.7E6	50.936	48.051
15)	B Endosulfa...	6.318	6.941	52451295	291.8E6	52.458	49.765
16)	A 4,4'-DDD	6.169	6.850	48057726	284.9E6	50.812	48.445
17)	MA 4,4'-DDT	6.409	7.148	49571941	277.6E6	49.846	46.288
18)	B Endrin al...	6.488	7.065	45412252	253.3E6	54.879	54.294
19)	B Endosulfa...	6.699	7.286	55689124	285.9E6	52.443	49.858m
20)	A Methoxychlor	6.955	7.606	28409079	146.8E6	48.198	48.500m
21)	B Endrin ke...	7.193	7.761	65846039	326.1E6	51.649	50.179
22)	Mirex	7.379	8.210	49715617	209.7E6	48.754	47.104

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082321\
Data File : PD065239.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2021 13:55
Operator : AR\AJ
Sample : M3463-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

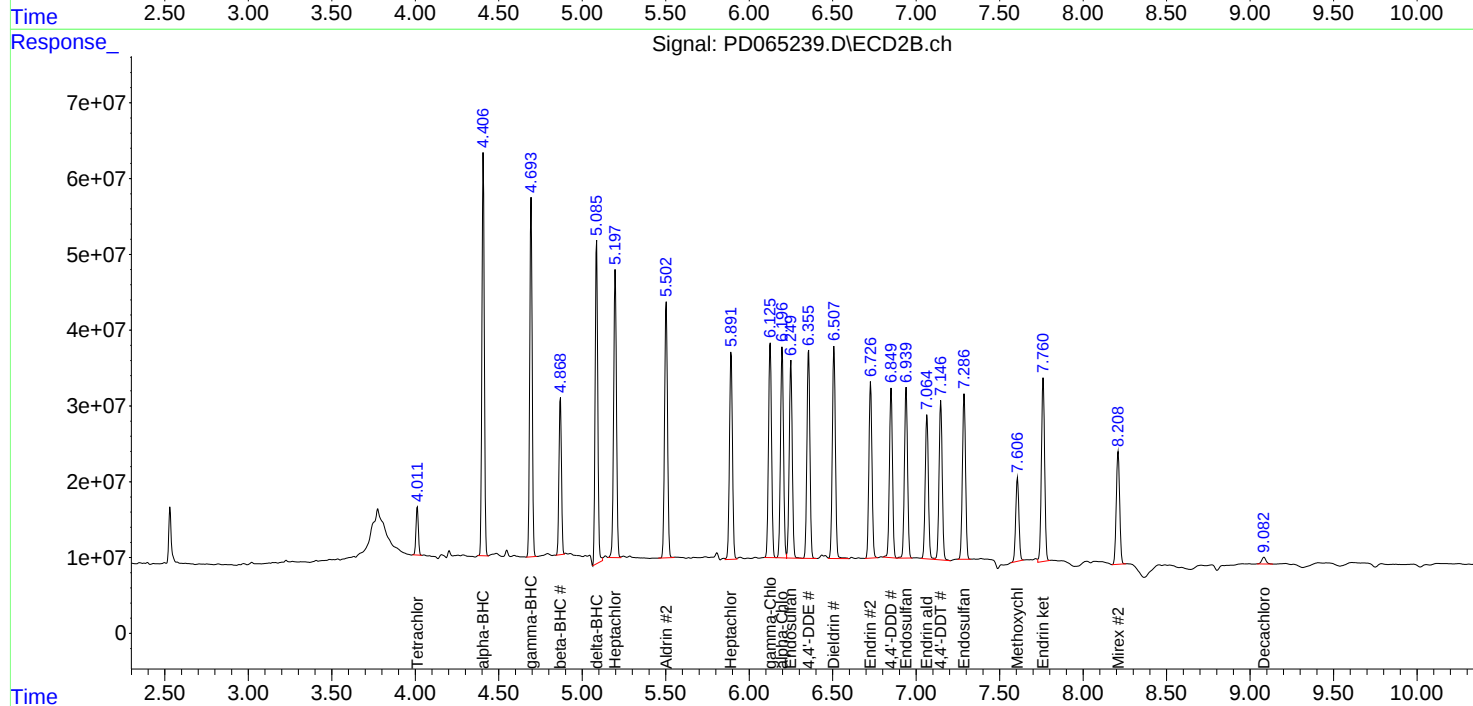
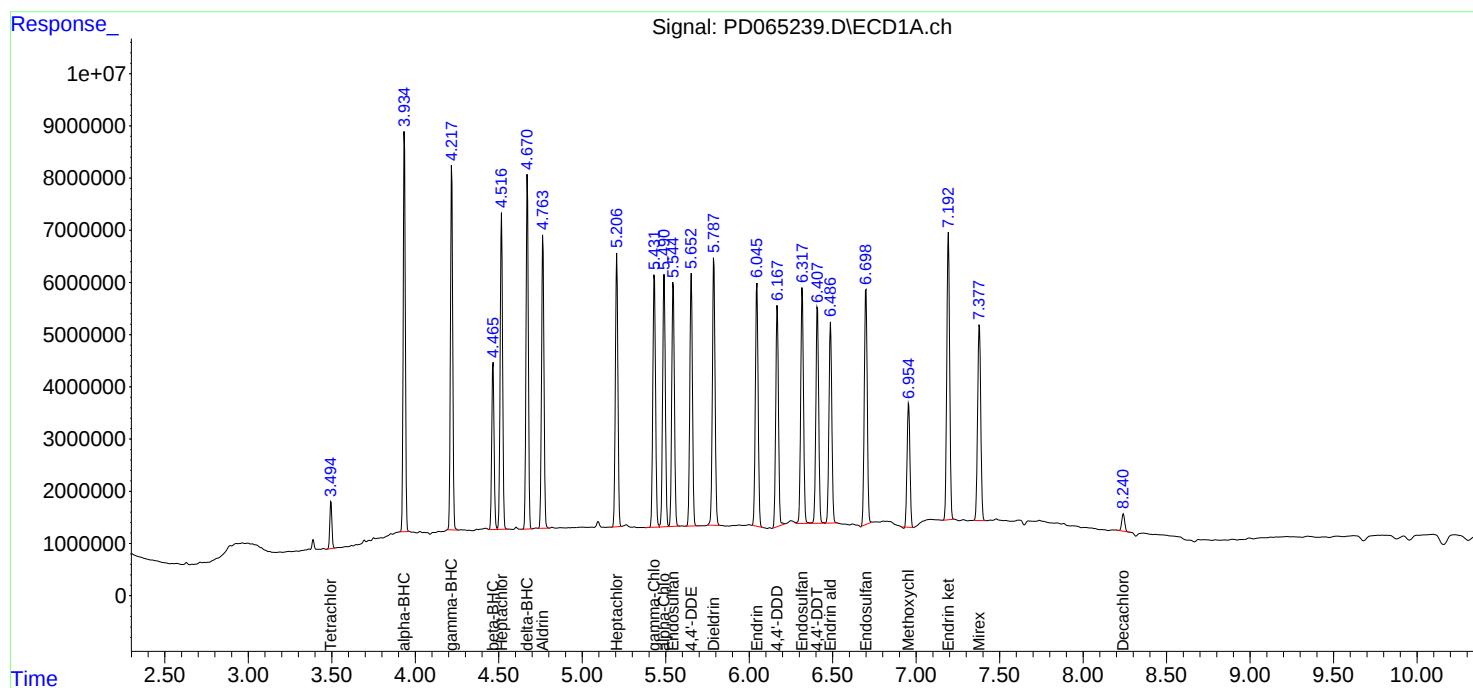
Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

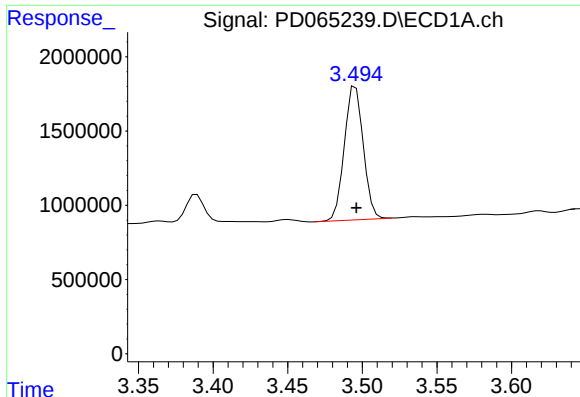
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 04:16:03 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
Quant Title : GC Extractables
QLast Update : Fri Aug 20 02:25:41 2021
Response 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





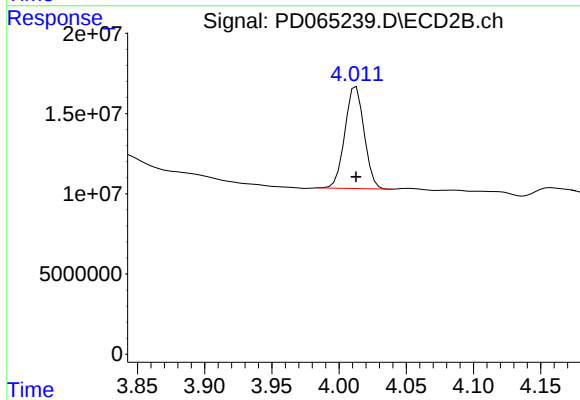
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 7959825
Conc: 7.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

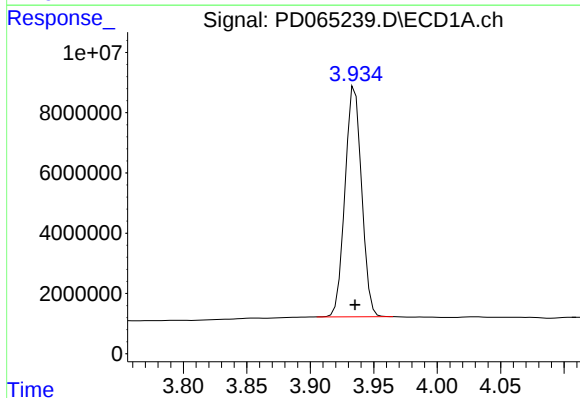
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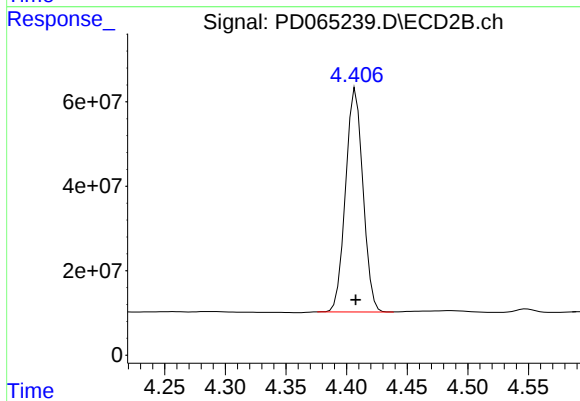
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 63260664
Conc: 7.99 ng/ml



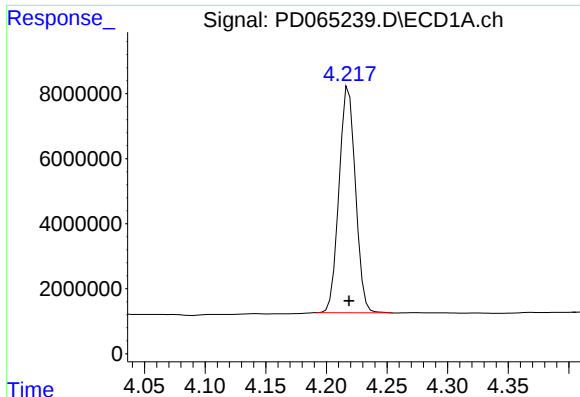
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 69563831
Conc: 48.61 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 528776447
Conc: 45.52 ng/ml



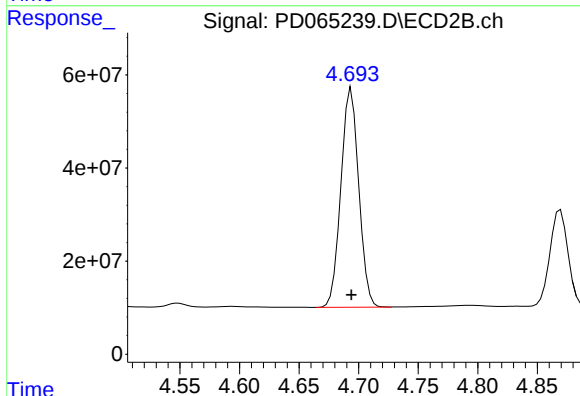
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 65491682
Conc: 47.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

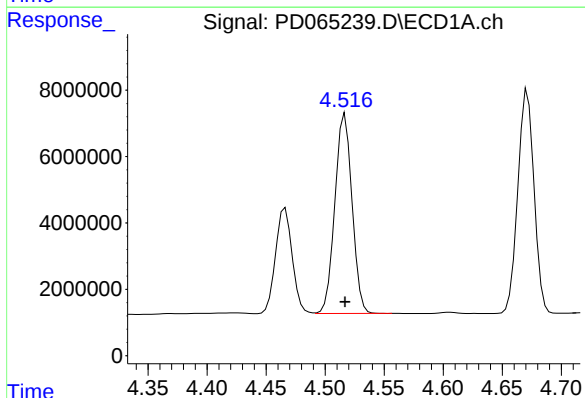
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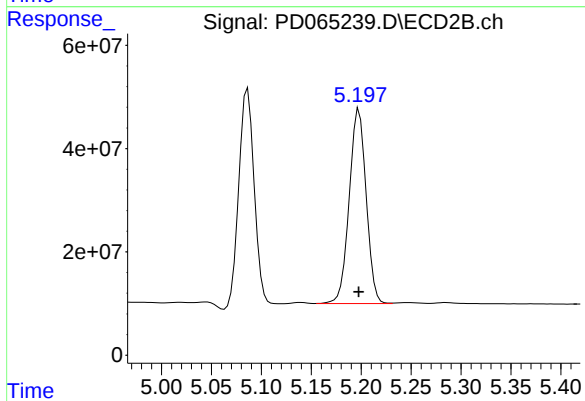
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 489983199
Conc: 46.25 ng/ml



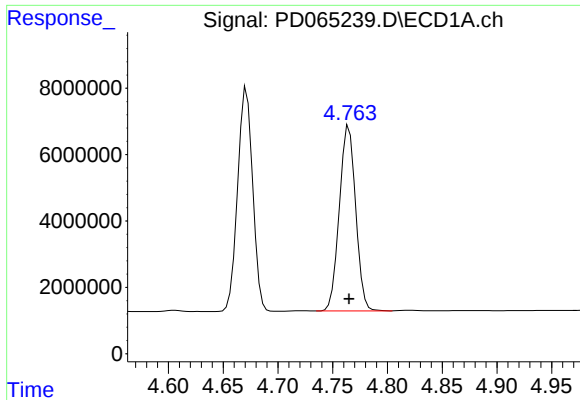
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 60954871
Conc: 46.80 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 445116261
Conc: 44.40 ng/ml



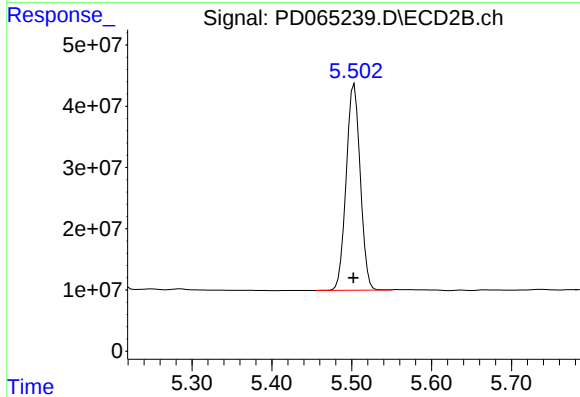
#5 Aldrin

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 57851741
Conc: 48.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

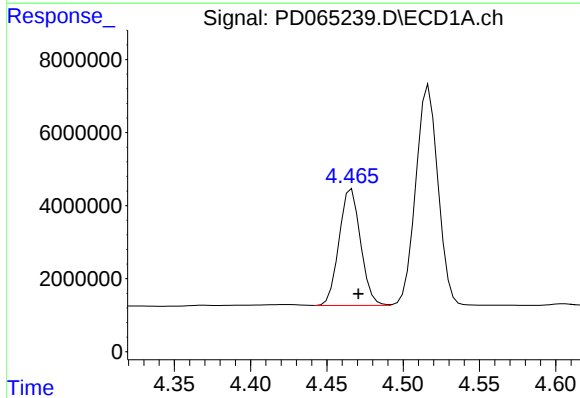
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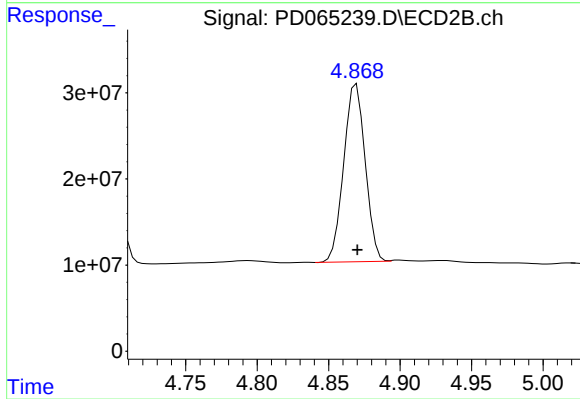
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: 0.001 min
Response: 412592982
Conc: 45.68 ng/ml



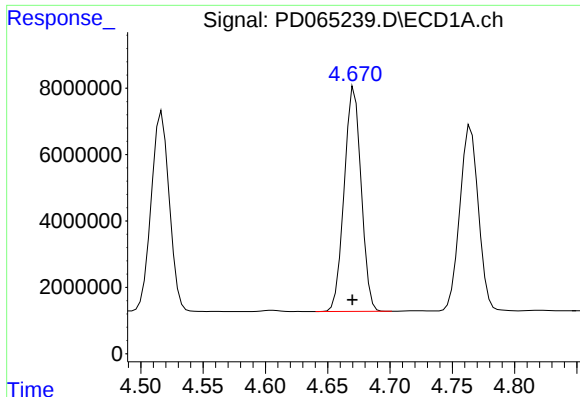
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 31258316
Conc: 48.17 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 215931111
Conc: 47.83 ng/ml



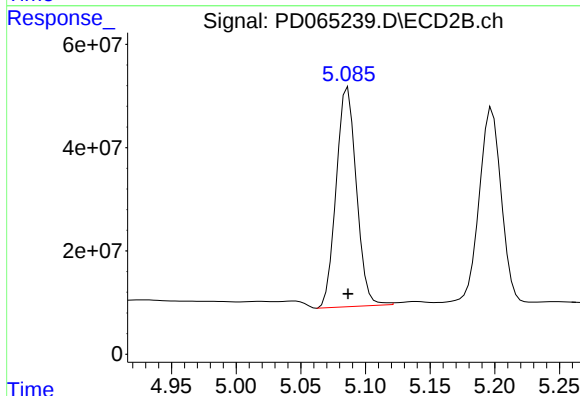
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.002 min
Response: 64345680
Conc: 48.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

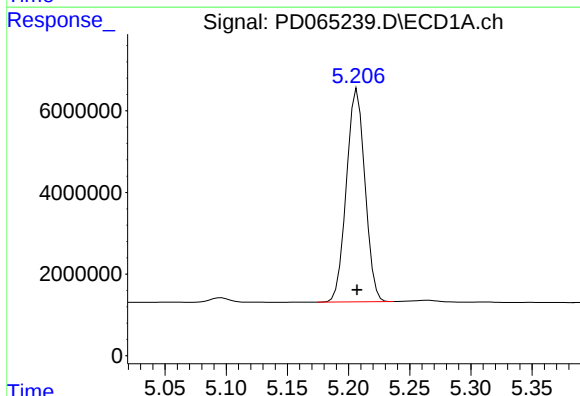
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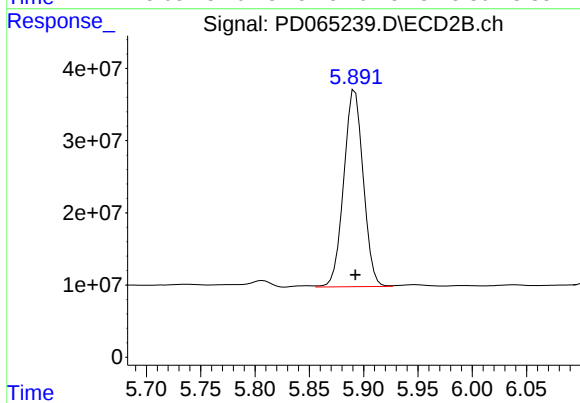
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 461102934
Conc: 47.48 ng/ml



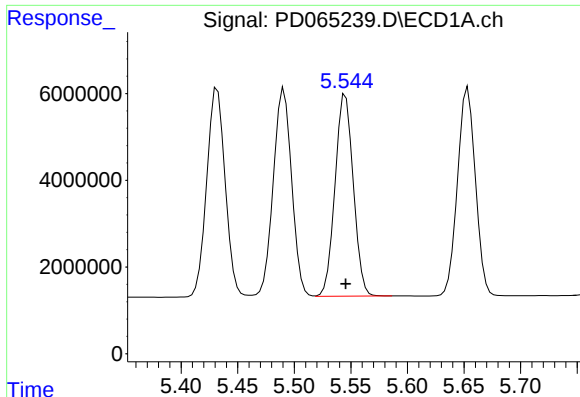
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 55022778
Conc: 48.42 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 340322612
Conc: 45.62 ng/ml



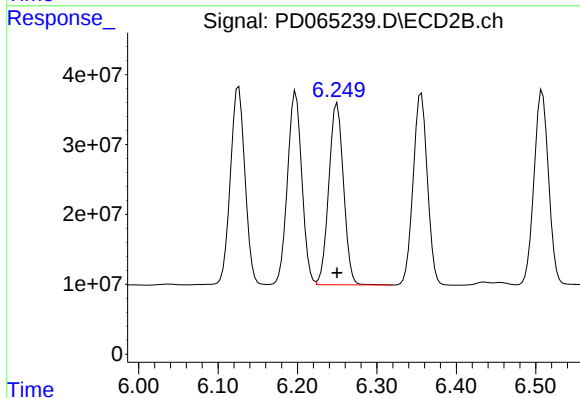
#9 Endosulfan I

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 52285089
Conc: 49.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

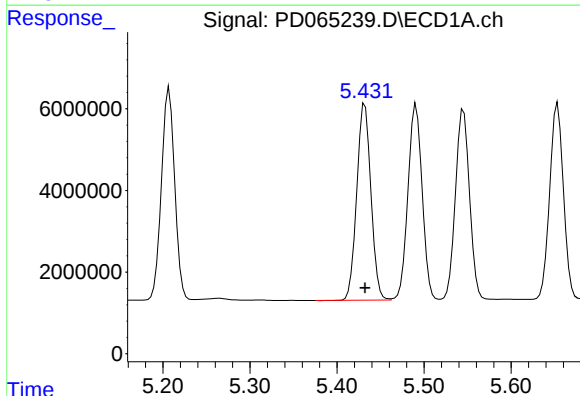
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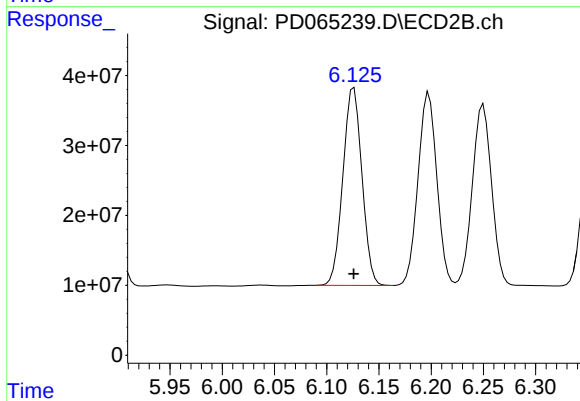
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 333810712
Conc: 47.40 ng/ml



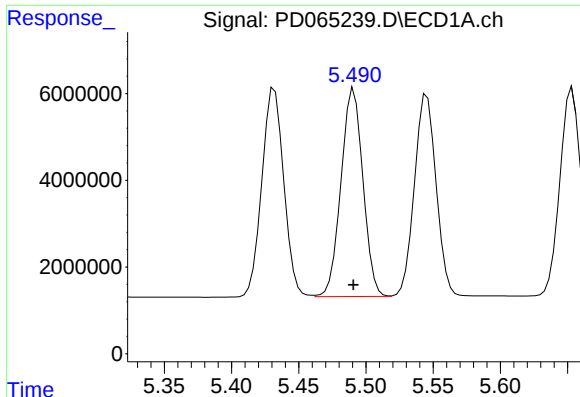
#10 gamma-Chlordane

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 54609652
Conc: 48.30 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 358253318
Conc: 46.85 ng/ml



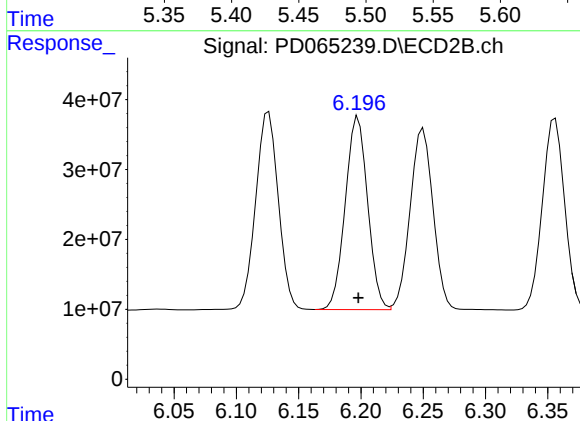
#11 alpha-Chlordane

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 54279014
Conc: 48.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

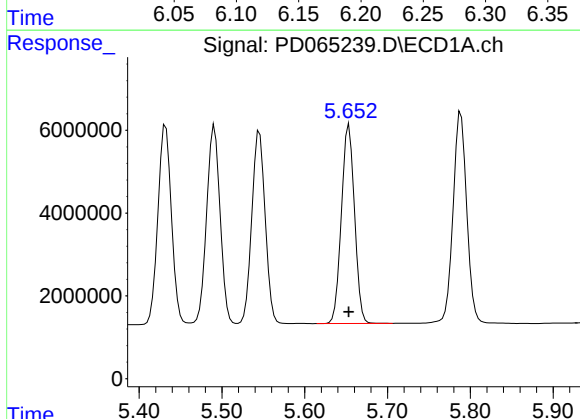
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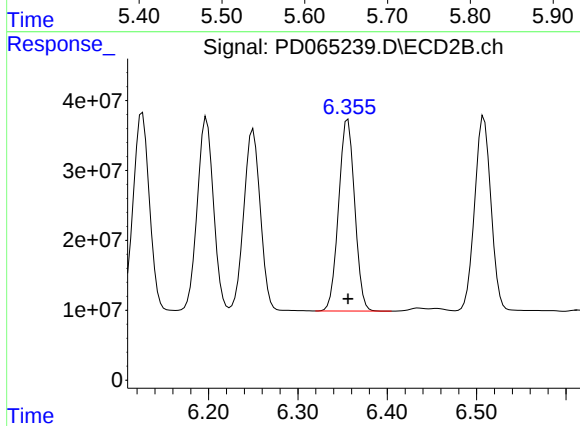
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 347048098
Conc: 46.62 ng/ml



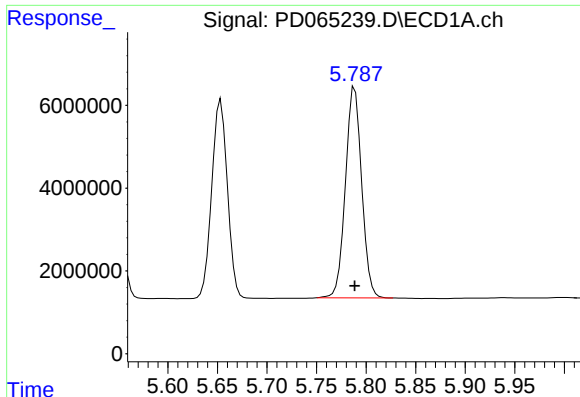
#12 4,4'-DDE

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 52888683
Conc: 50.18 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 341923905
Conc: 47.62 ng/ml



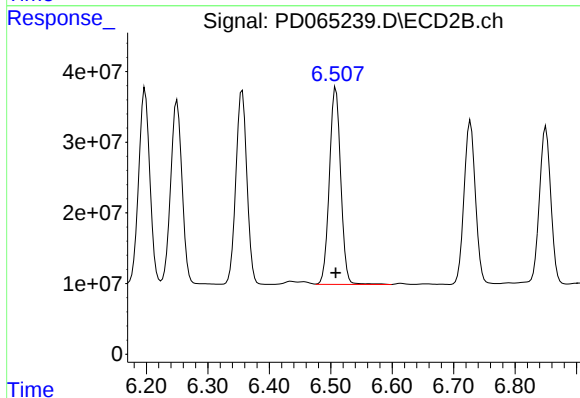
#13 Dieldrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 58126533
Conc: 51.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

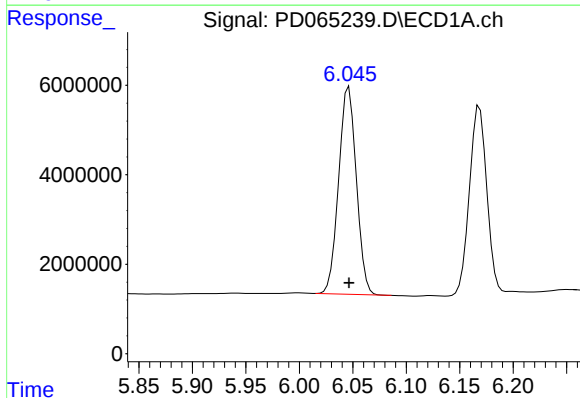
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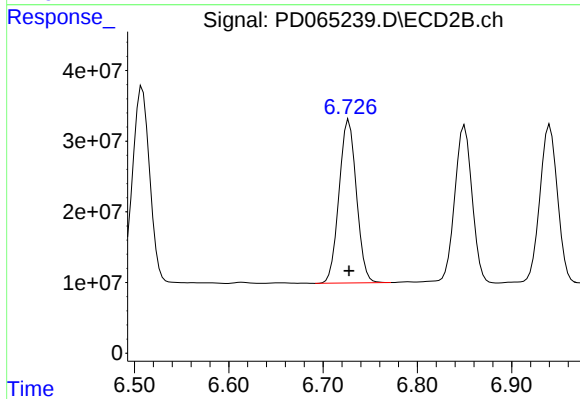
#13 Dieldrin

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 358229606
Conc: 49.37 ng/ml



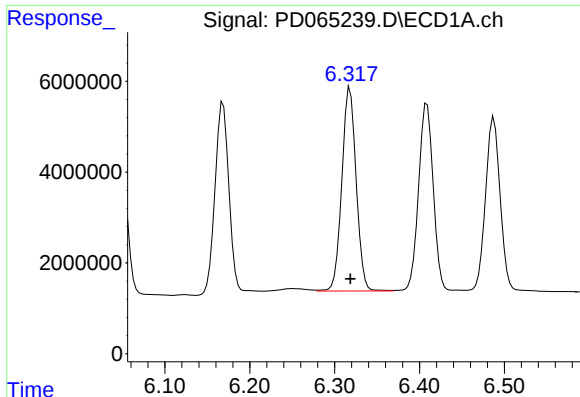
#14 Endrin

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 53452412
Conc: 50.94 ng/ml



#14 Endrin

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 295747702
Conc: 48.05 ng/ml



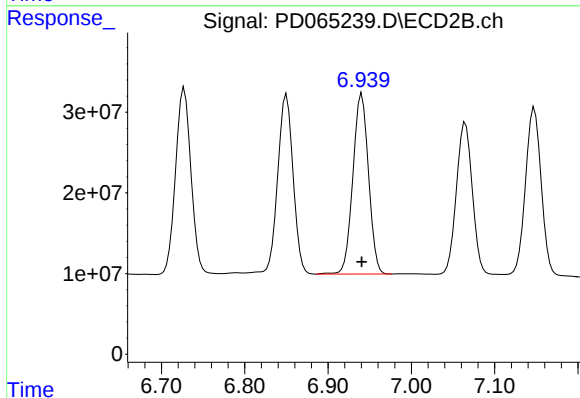
#15 Endosulfan II

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 52451295
Conc: 52.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

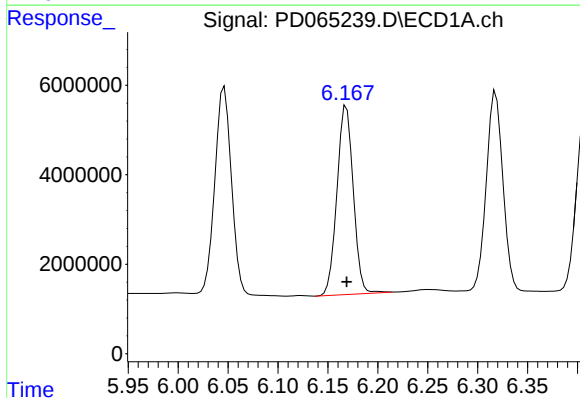
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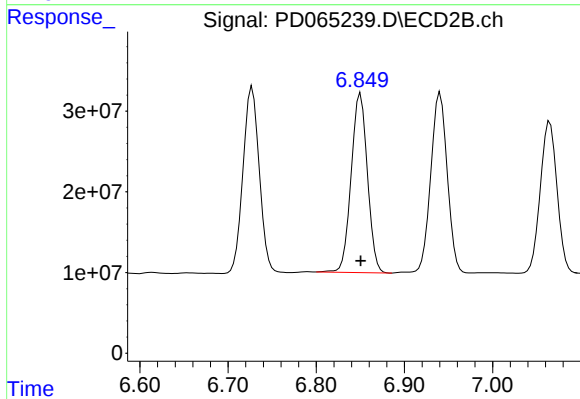
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 291816852
Conc: 49.77 ng/ml



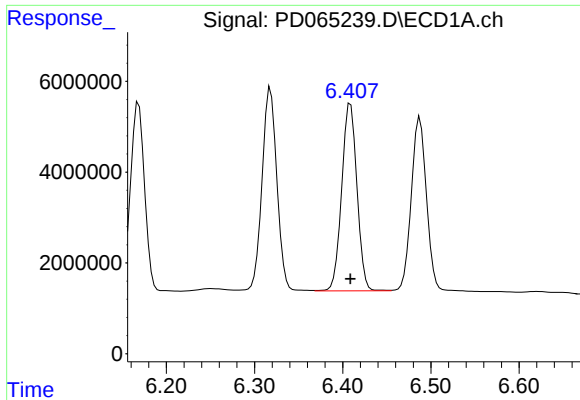
#16 4,4'-DDD

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 48057726
Conc: 50.81 ng/ml



#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 284874286
Conc: 48.44 ng/ml



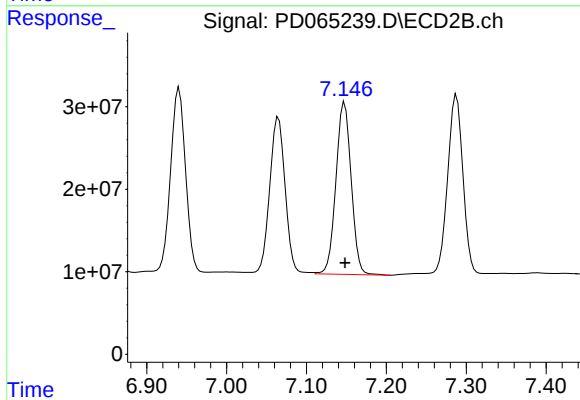
#17 4,4'-DDT

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 49571941
Conc: 49.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

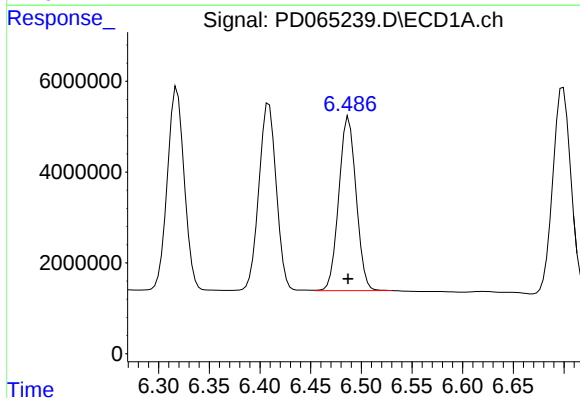
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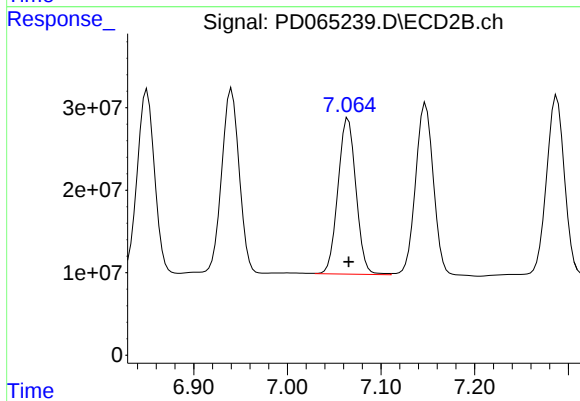
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 277587755
Conc: 46.29 ng/ml



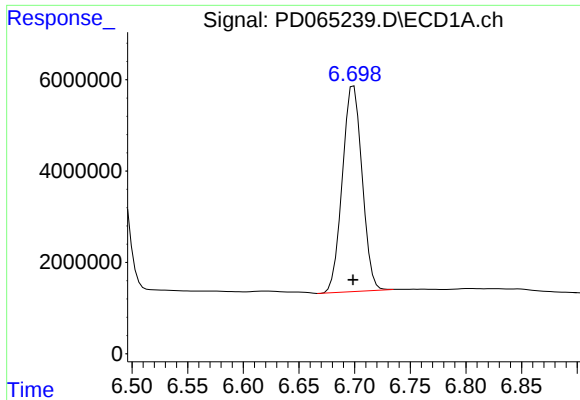
#18 Endrin aldehyde

R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 45412252
Conc: 54.88 ng/ml



#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 253250841
Conc: 54.29 ng/ml



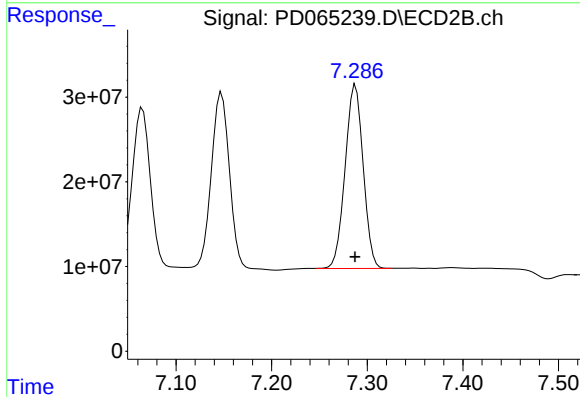
#19 Endosulfan Sulfate

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 55689124
Conc: 52.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

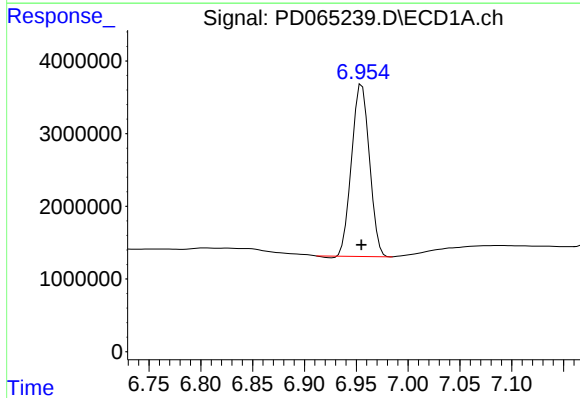
Manual Integrations
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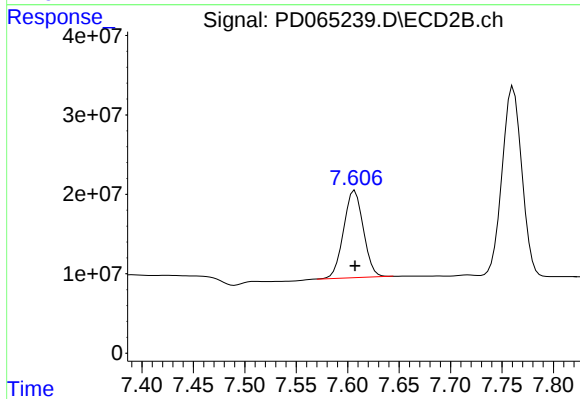
#19 Endosulfan Sulfate

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 285914524
Conc: 49.86 ng/ml m



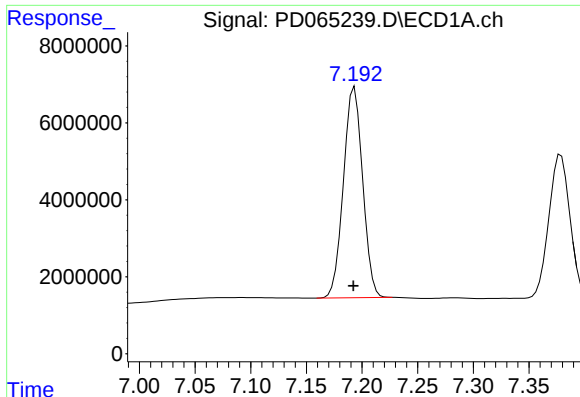
#20 Methoxychlor

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 28409079
Conc: 48.20 ng/ml



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 146765147
Conc: 48.50 ng/ml m



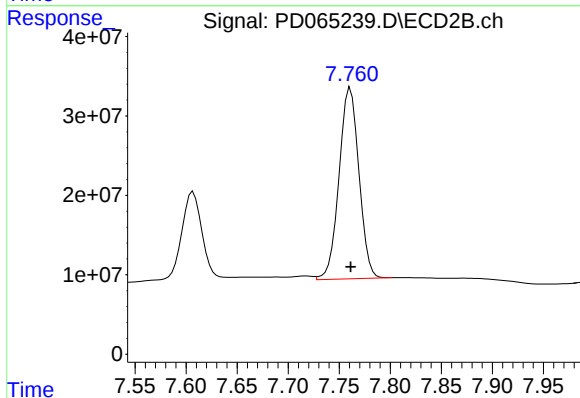
#21 Endrin ketone

R.T.: 7.193 min
Delta R.T.: 0.001 min
Response: 65846039
Conc: 51.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

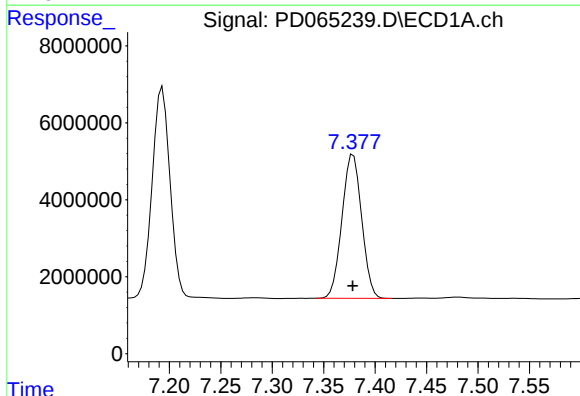
Manual Integrations
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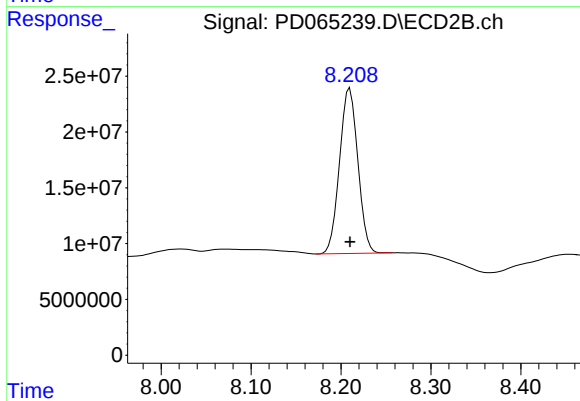
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 326100255
Conc: 50.18 ng/ml



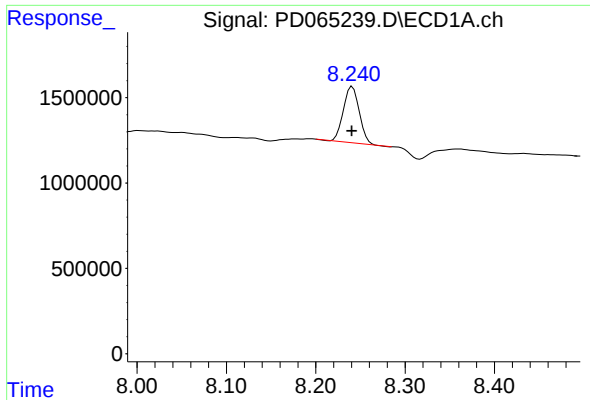
#22 Mirex

R.T.: 7.379 min
Delta R.T.: 0.000 min
Response: 49715617
Conc: 48.75 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 209724153
Conc: 47.10 ng/ml



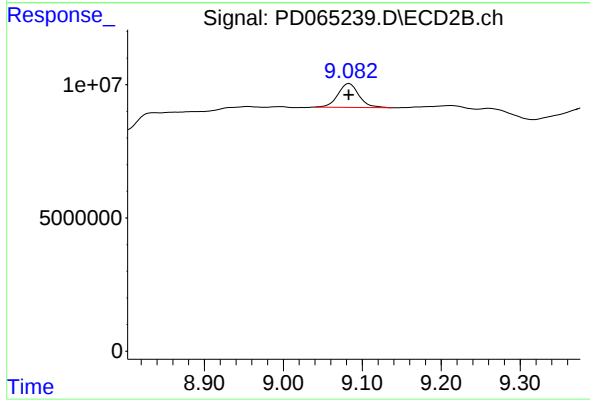
#28 Decachlorobiphenyl

R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 4021466
Conc: 3.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

Manual Integrations
APPROVED

mohammad
8/24/2021 3:29:20 PM



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.000 min
Response: 16458724
Conc: 3.48 ng/ml