

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082621\
 Data File : PD065325.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2021 11:01
 Operator : AR\AJ
 Sample : M3463-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SWCS-20-0003MS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 01:08:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082521.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 25 05:44:31 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...	3.498	4.012	13463715	99405057	12.488	14.538
28)	SA Decachlor...	8.244	9.085	12592030	43659287	9.280	10.081
Target Compounds							
2)	A alpha-BHC	3.938	4.407	82695058	578.0E6	53.804	58.401
3)	MA gamma-BHC...	4.222	4.693	77692236	537.3E6	51.156	59.702
4)	MA Heptachlor	4.520	5.197	74418023	486.1E6	52.235	57.451
5)	MB Aldrin	4.768	5.503	71099942	447.9E6	53.813	57.559
6)	B beta-BHC	4.470	4.869	36876775	234.8E6	55.640	62.177
7)	B delta-BHC	4.675	5.086	77813295	499.5E6	52.874	57.660
8)	B Heptachlo...	5.211	5.891	67469554	368.6E6	53.378	57.909m
9)	A Endosulfan I	5.549	6.250	63950440	364.7E6	53.435	59.771
10)	B gamma-Chl...	5.435	6.126	68566653	386.8E6	53.874	58.786
11)	B alpha-Chl...	5.494	6.198	66133989	380.3E6	52.358	58.896
12)	B 4,4'-DDE	5.657	6.356	68046947	369.4E6	56.950	59.537
13)	MA Dieldrin	5.793	6.509	70619432	395.9E6	55.796	62.490
14)	MA Endrin	6.051	6.726	78866121	227.8E6	65.826	42.414 #
15)	B Endosulfa...	6.322	6.941	62497449	327.0E6	54.052	62.614
16)	A 4,4'-DDD	6.172	6.851	57194083	305.9E6	53.500	58.608
17)	MA 4,4'-DDT	6.412	7.148	61989183	315.1E6	53.522	58.595
18)	B Endrin al...	6.491	7.065	55069628	280.5E6	57.705	66.325
19)	B Endosulfa...	6.703	7.288	67579401	330.5E6	54.737	63.135
20)	A Methoxychlor	6.959	7.608	35879042	165.2E6	51.080	59.146
21)	B Endrin ke...	7.197	7.762	80083167	366.7E6	54.570	62.212
22)	Mirex	7.382	8.210	61933112	253.5E6	59.384	61.377

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082621\
Data File : PD065325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2021 11:01
Operator : AR\AJ
Sample : M3463-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

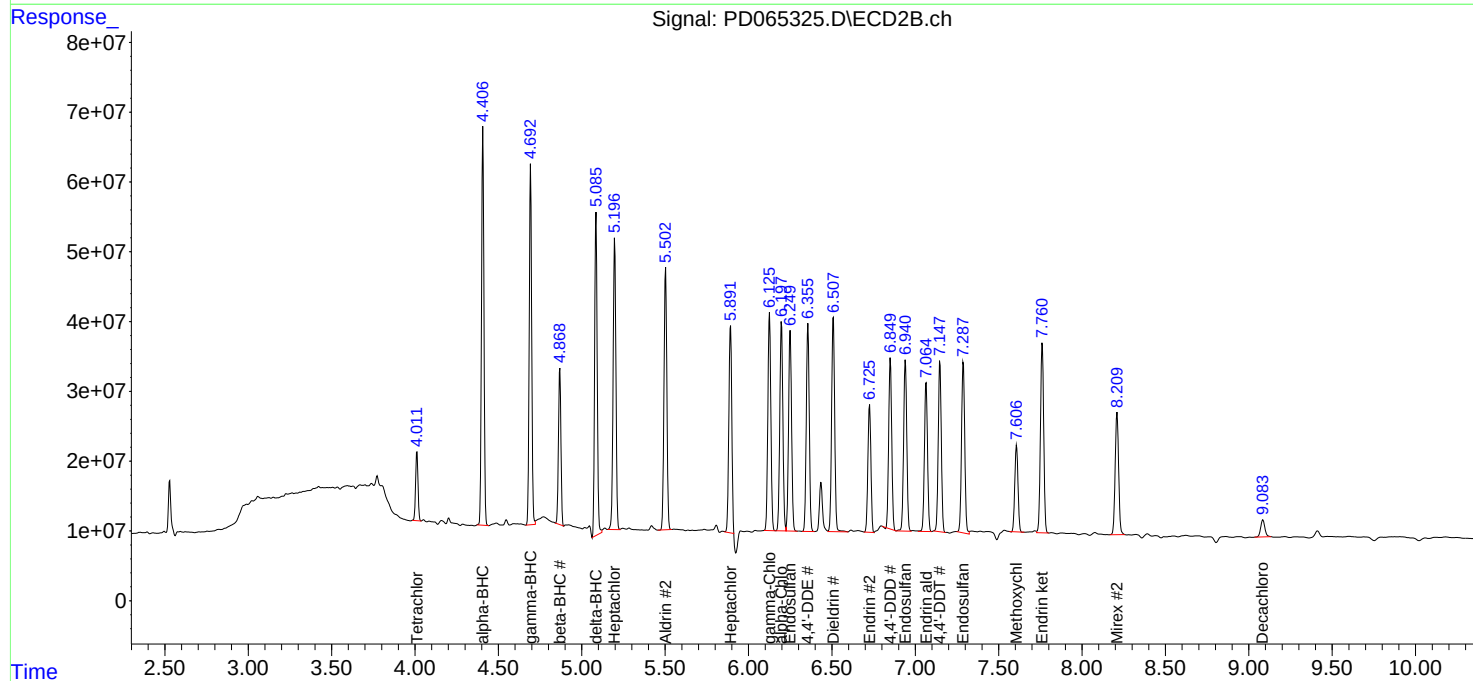
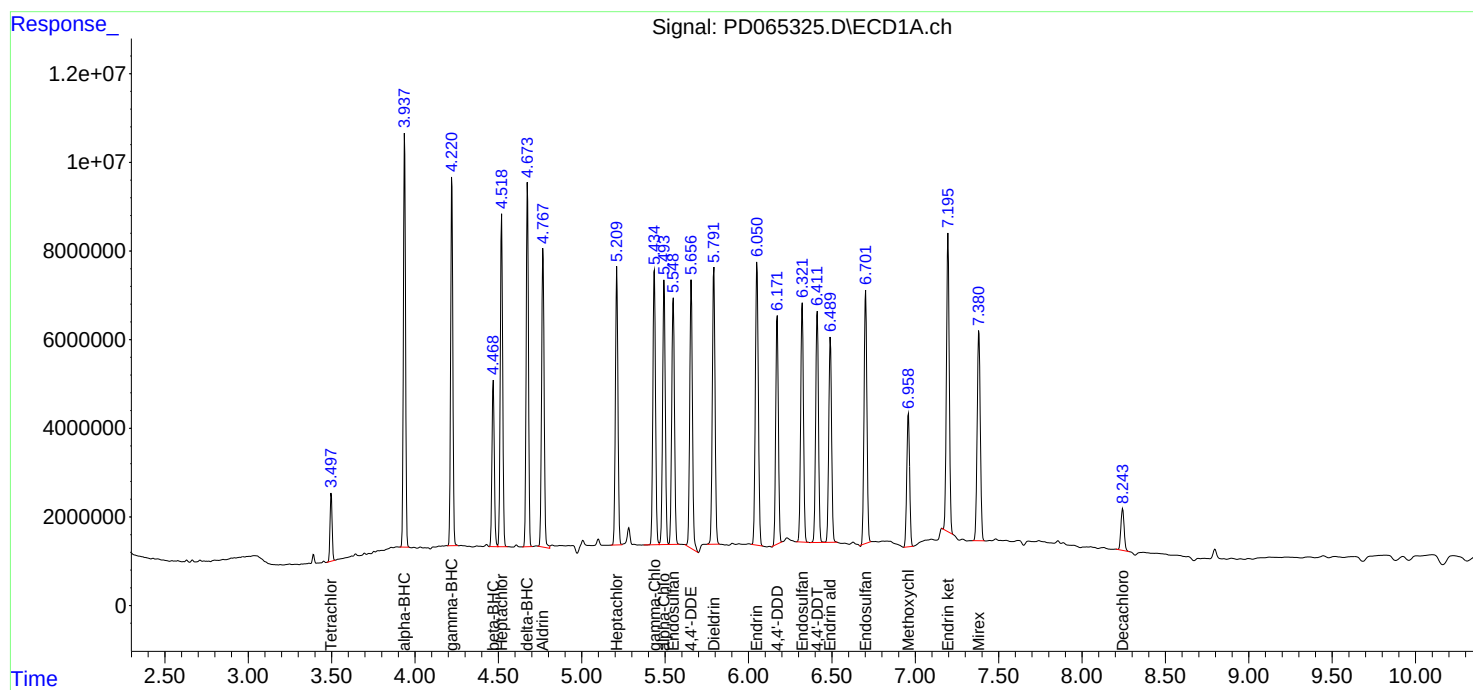
Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

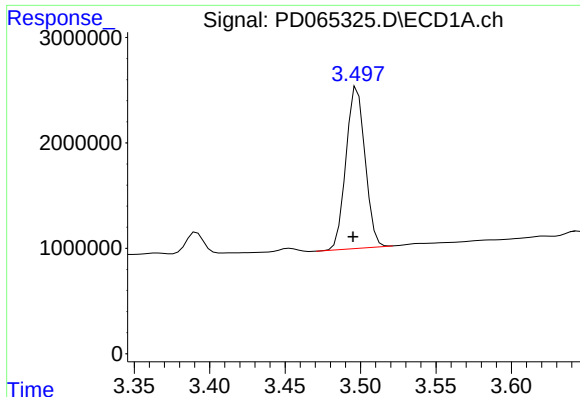
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 01:08:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082521.M
Quant Title : GC Extractables
QLast Update : Wed Aug 25 05:44:31 2021
Response 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





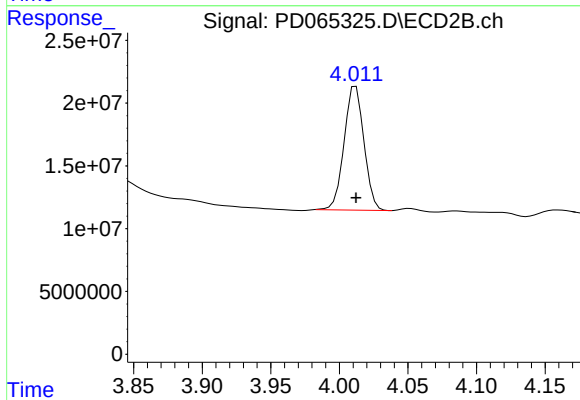
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.003 min
Response: 13463715
Conc: 12.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

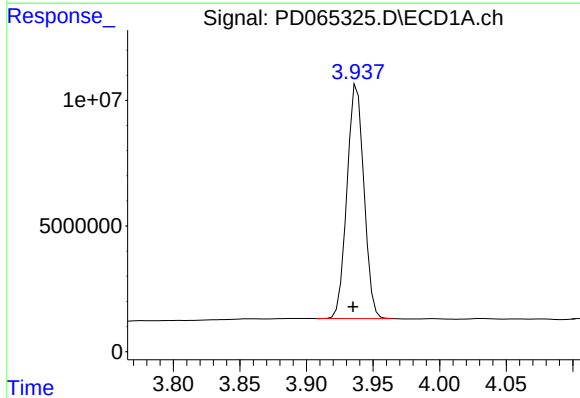
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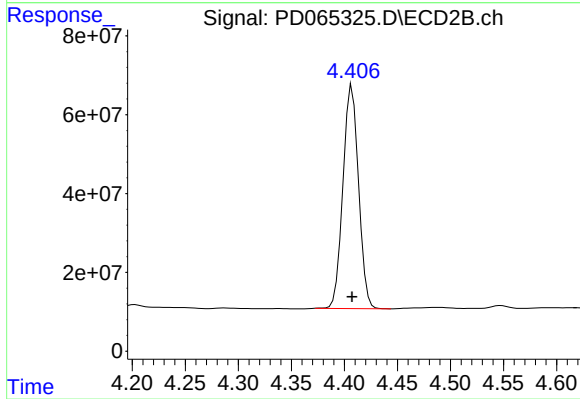
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 99405057
Conc: 14.54 ng/ml



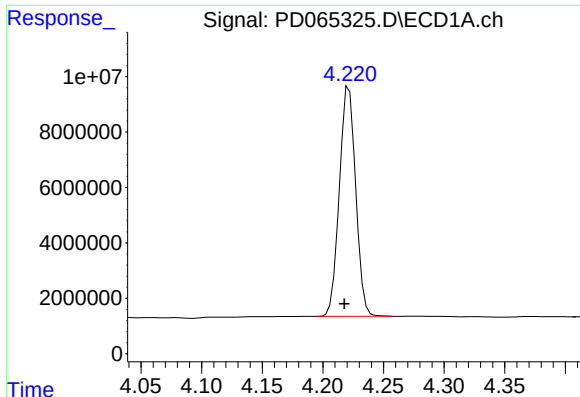
#2 alpha-BHC

R.T.: 3.938 min
Delta R.T.: 0.003 min
Response: 82695058
Conc: 53.80 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 577953498
Conc: 58.40 ng/ml



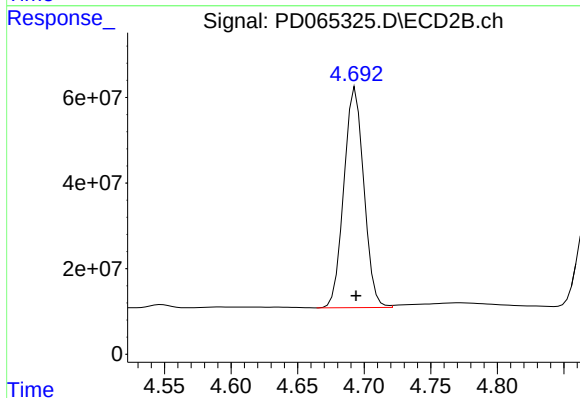
#3 gamma-BHC (Lindane)

R.T.: 4.222 min
Delta R.T.: 0.004 min
Response: 77692236
Conc: 51.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

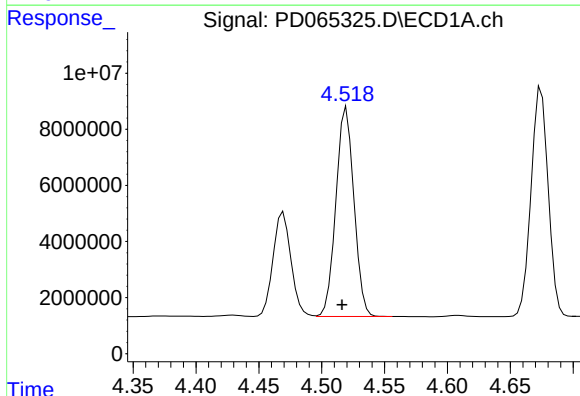
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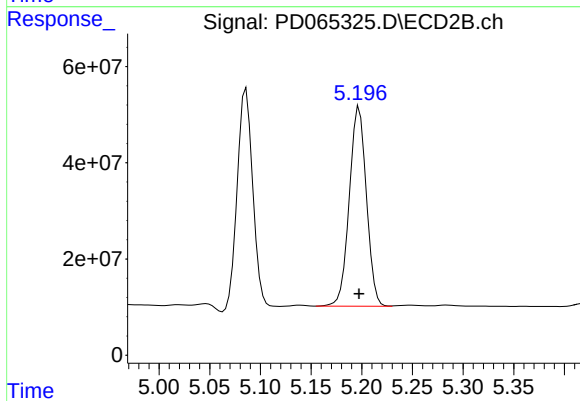
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 537322143
Conc: 59.70 ng/ml



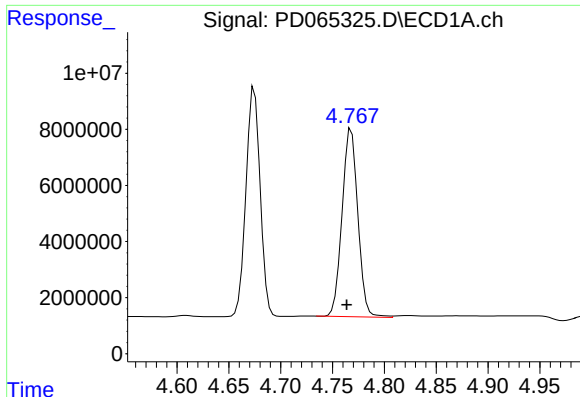
#4 Heptachlor

R.T.: 4.520 min
Delta R.T.: 0.004 min
Response: 74418023
Conc: 52.24 ng/ml



#4 Heptachlor

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 486108971
Conc: 57.45 ng/ml



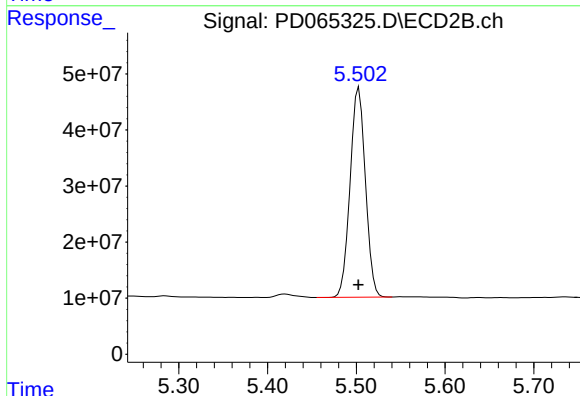
#5 Aldrin

R.T.: 4.768 min
Delta R.T.: 0.004 min
Response: 71099942
Conc: 53.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

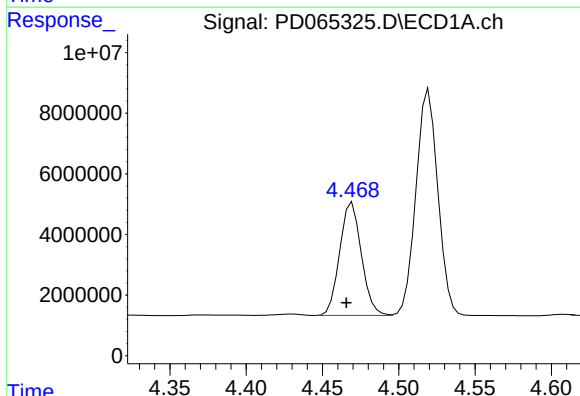
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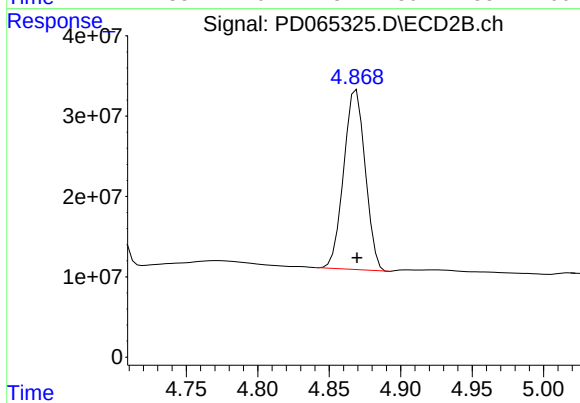
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 447912104
Conc: 57.56 ng/ml



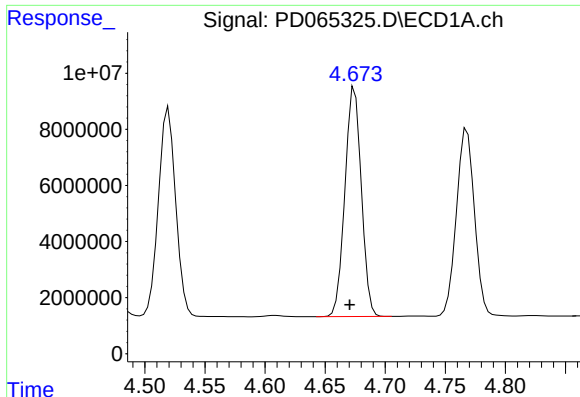
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.004 min
Response: 36876775
Conc: 55.64 ng/ml



#6 beta-BHC

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 234765124
Conc: 62.18 ng/ml



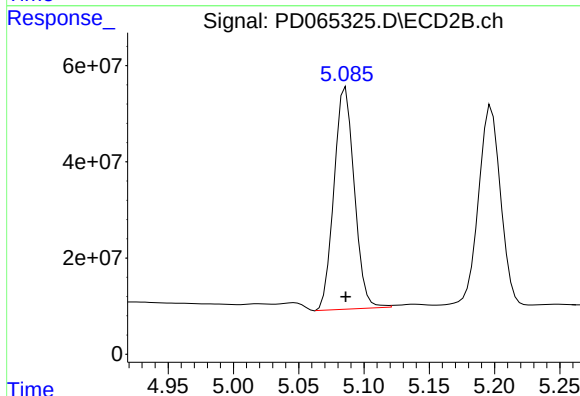
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.004 min
Response: 77813295
Conc: 52.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

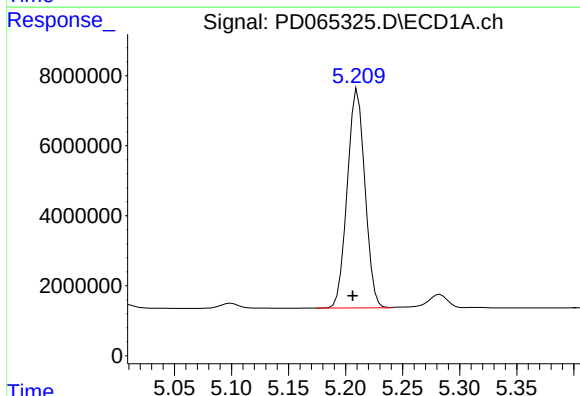
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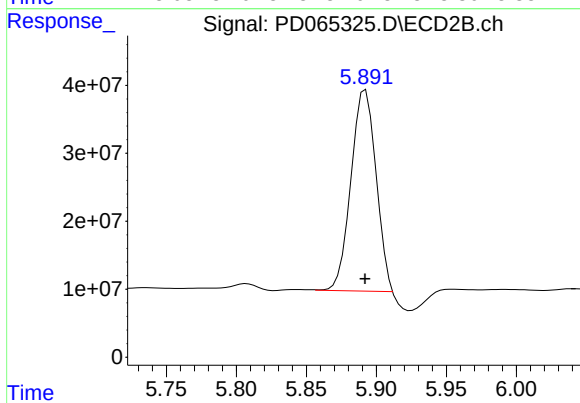
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 499511553
Conc: 57.66 ng/ml



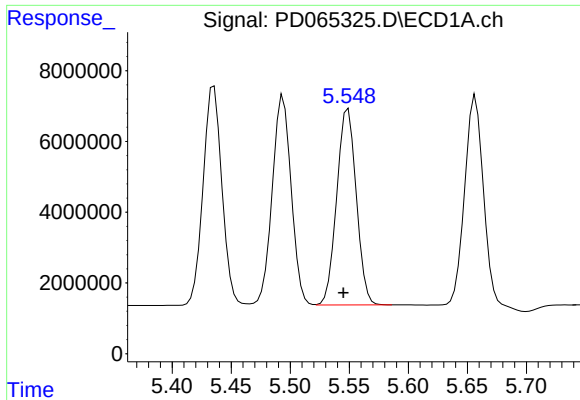
#8 Heptachlor epoxide

R.T.: 5.211 min
Delta R.T.: 0.004 min
Response: 67469554
Conc: 53.38 ng/ml



#8 Heptachlor epoxide

R.T.: 5.891 min
Delta R.T.: -0.001 min
Response: 368589142
Conc: 57.91 ng/ml m



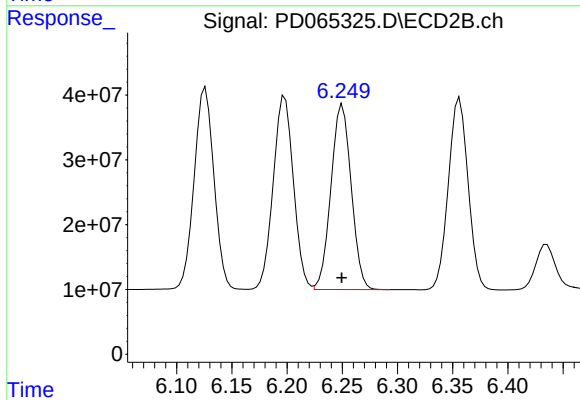
#9 Endosulfan I

R.T.: 5.549 min
Delta R.T.: 0.004 min
Response: 63950440
Conc: 53.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

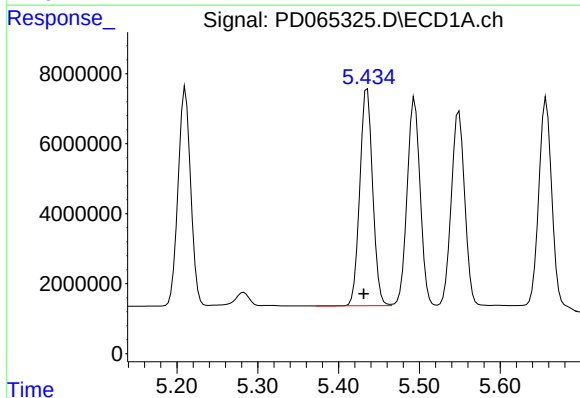
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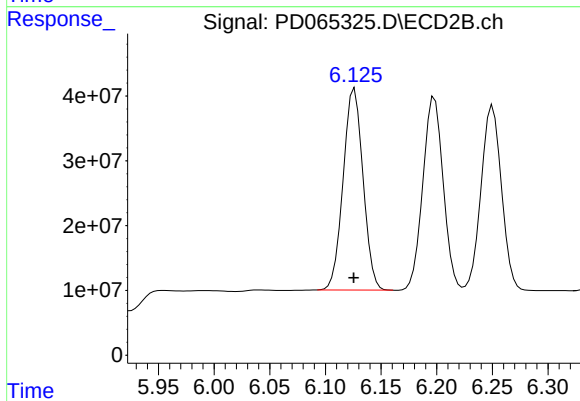
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 364722711
Conc: 59.77 ng/ml



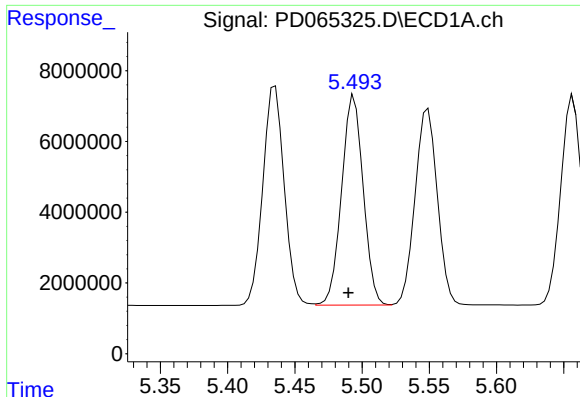
#10 gamma-Chlordane

R.T.: 5.435 min
Delta R.T.: 0.004 min
Response: 68566653
Conc: 53.87 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 386797584
Conc: 58.79 ng/ml



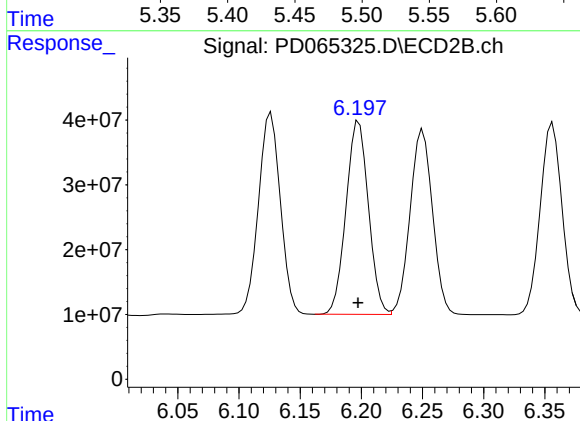
#11 alpha-Chlordane

R.T.: 5.494 min
Delta R.T.: 0.004 min
Response: 66133989
Conc: 52.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

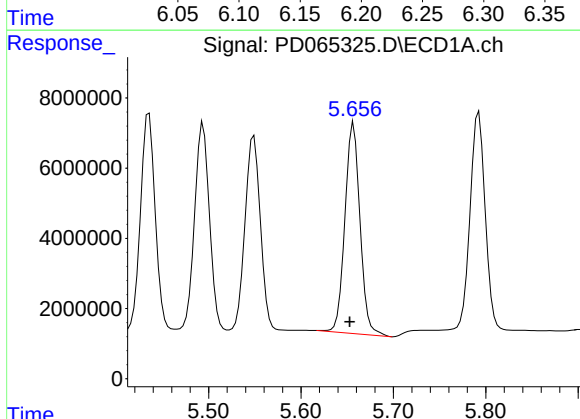
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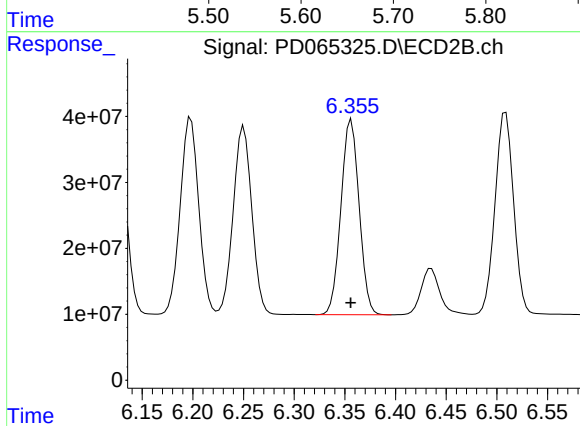
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 380333234
Conc: 58.90 ng/ml



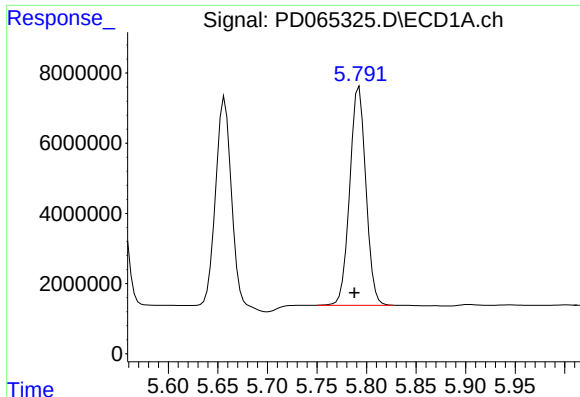
#12 4,4'-DDE

R.T.: 5.657 min
Delta R.T.: 0.004 min
Response: 68046947
Conc: 56.95 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 369356678
Conc: 59.54 ng/ml



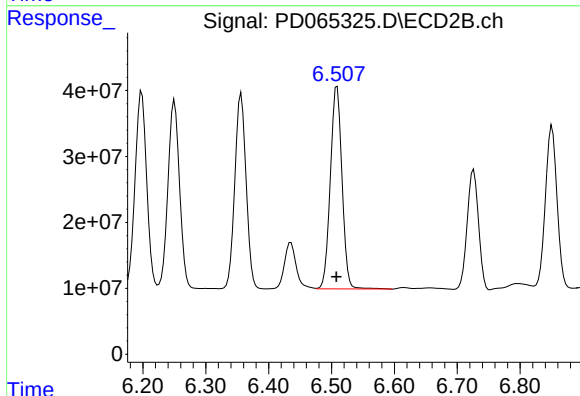
#13 Dieldrin

R.T.: 5.793 min
Delta R.T.: 0.005 min
Response: 70619432
Conc: 55.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

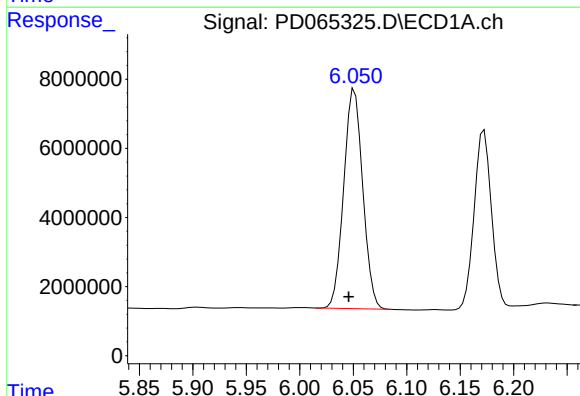
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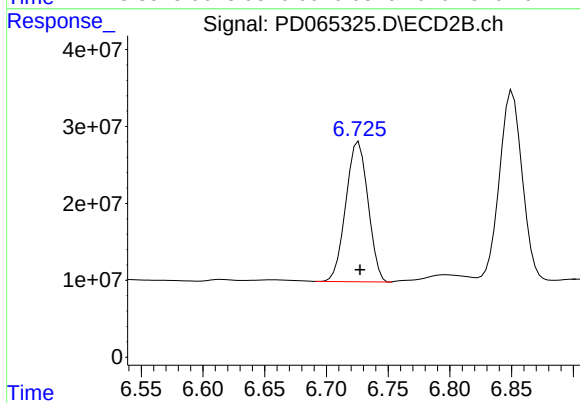
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 395903400
Conc: 62.49 ng/ml



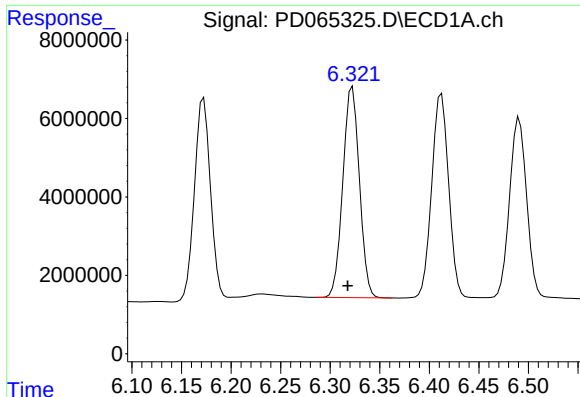
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.006 min
Response: 78866121
Conc: 65.83 ng/ml



#14 Endrin

R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 227800196
Conc: 42.41 ng/ml



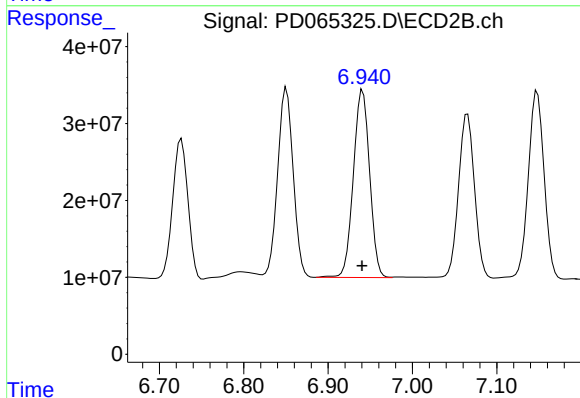
#15 Endosulfan II

R.T.: 6.322 min
Delta R.T.: 0.005 min
Response: 62497449
Conc: 54.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

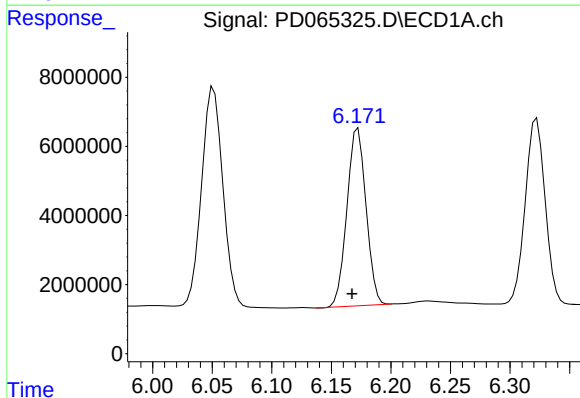
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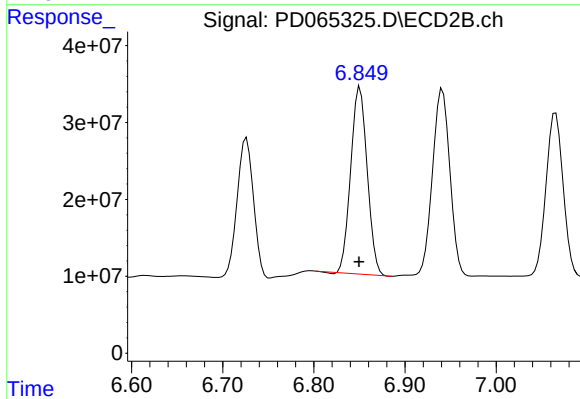
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 327010169
Conc: 62.61 ng/ml



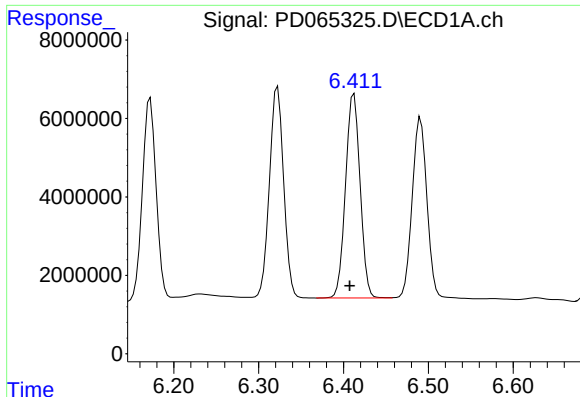
#16 4,4'-DDD

R.T.: 6.172 min
Delta R.T.: 0.005 min
Response: 57194083
Conc: 53.50 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 305876267
Conc: 58.61 ng/ml



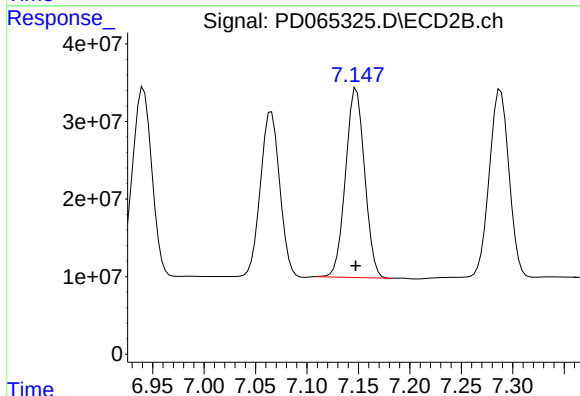
#17 4,4'-DDT

R.T.: 6.412 min
Delta R.T.: 0.005 min
Response: 61989183
Conc: 53.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

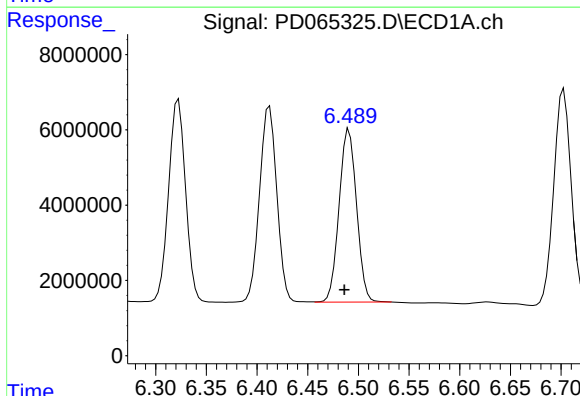
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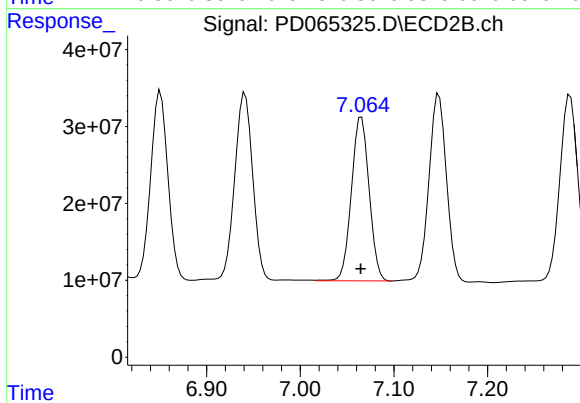
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 315052779
Conc: 58.59 ng/ml



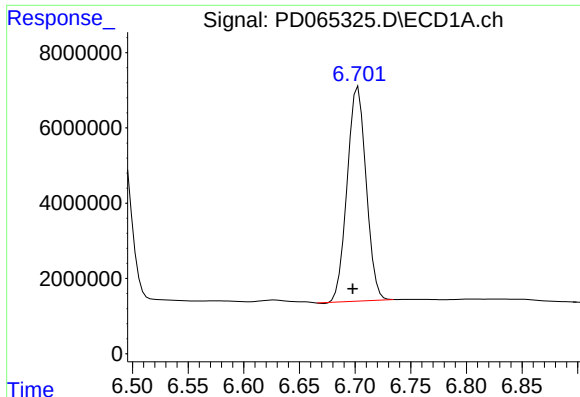
#18 Endrin aldehyde

R.T.: 6.491 min
Delta R.T.: 0.005 min
Response: 55069628
Conc: 57.70 ng/ml



#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.001 min
Response: 280467797
Conc: 66.32 ng/ml



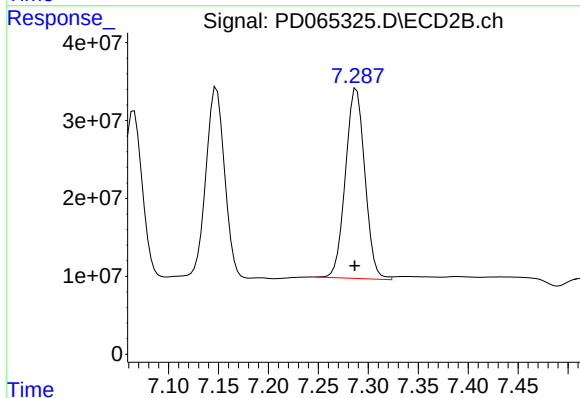
#19 Endosulfan Sulfate

R.T.: 6.703 min
Delta R.T.: 0.005 min
Response: 67579401
Conc: 54.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

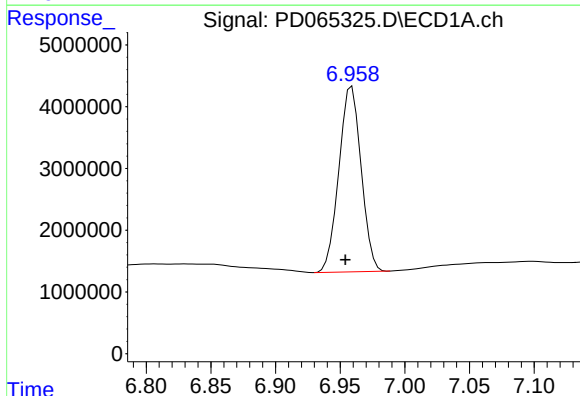
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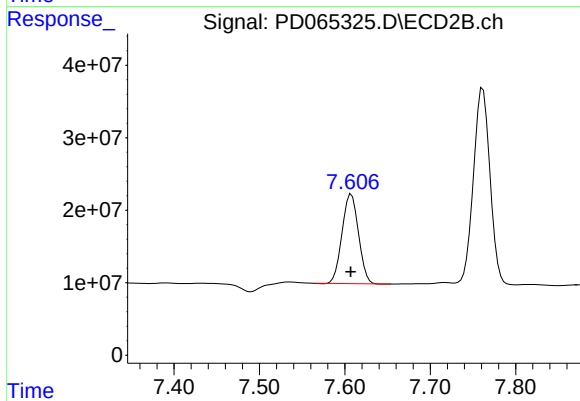
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.002 min
Response: 330473568
Conc: 63.13 ng/ml



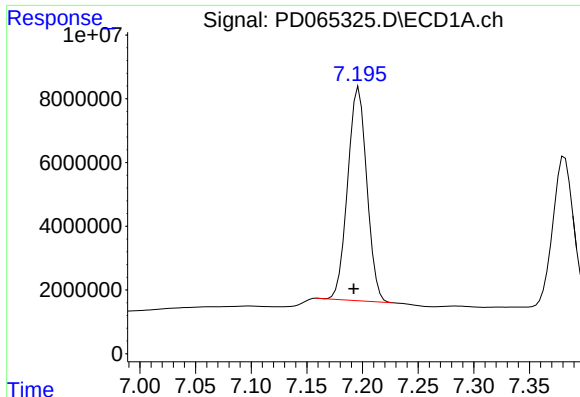
#20 Methoxychlor

R.T.: 6.959 min
Delta R.T.: 0.005 min
Response: 35879042
Conc: 51.08 ng/ml



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 165208702
Conc: 59.15 ng/ml



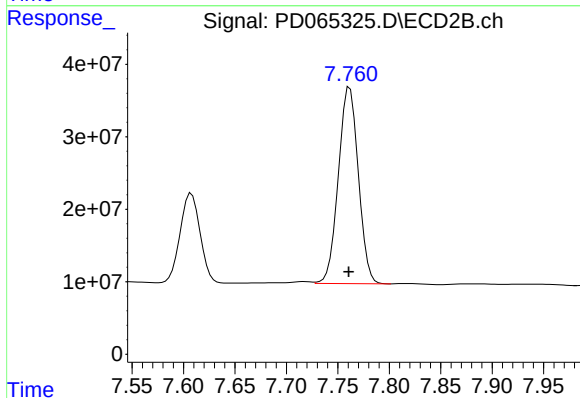
#21 Endrin ketone

R.T.: 7.197 min
Delta R.T.: 0.005 min
Response: 80083167
Conc: 54.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

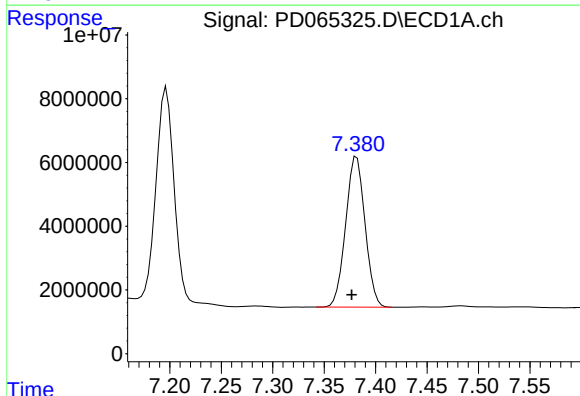
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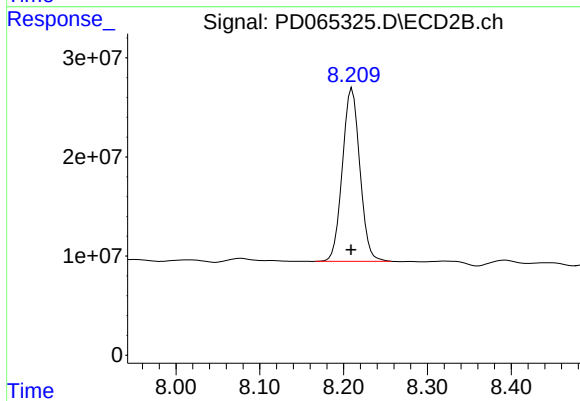
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.001 min
Response: 366722054
Conc: 62.21 ng/ml



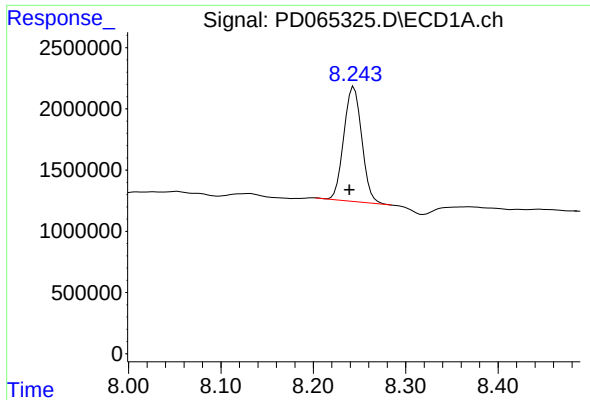
#22 Mirex

R.T.: 7.382 min
Delta R.T.: 0.005 min
Response: 61933112
Conc: 59.38 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: 0.001 min
Response: 253451349
Conc: 61.38 ng/ml



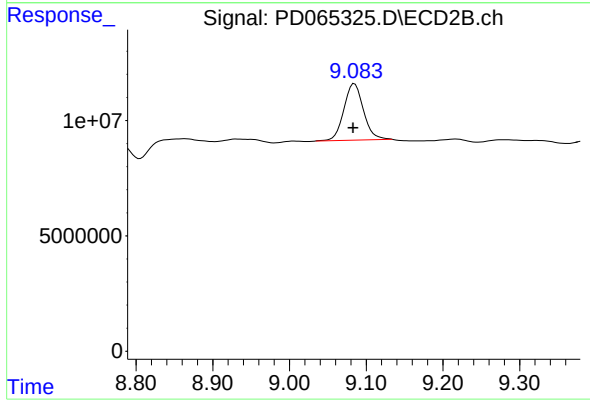
#28 Decachlorobiphenyl

R.T.: 8.244 min
Delta R.T.: 0.005 min
Response: 12592030
Conc: 9.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

Manual Integrations
APPROVED

mohammad
8/27/2021 9:03:32 AM



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.002 min
Response: 43659287
Conc: 10.08 ng/ml