

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082621\
 Data File : PD065326.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2021 11:16
 Operator : AR\AJ
 Sample : M3463-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SWCS-20-0003MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 01:09:03 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...	3.496	4.012	13759063	98728663	12.762	14.440
28)	SA Decachlor...	8.240	9.082	12190562	42350933	8.984	9.779
Target Compounds							
2)	A alpha-BHC	3.936	4.408	83325182	578.1E6	54.214	58.421
3)	MA gamma-BHC...	4.219	4.694	78198690	535.5E6	51.490	59.498
4)	MA Heptachlor	4.517	5.197	74457847	484.1E6	52.263	57.219
5)	MB Aldrin	4.765	5.503	70940123	445.1E6	53.692	57.192
6)	B beta-BHC	4.467	4.869	37157010	234.2E6	56.115	62.024
7)	B delta-BHC	4.672	5.086	77810834	494.9E6	52.872	57.129
8)	B Heptachlo...	5.207	5.890	66816996	366.9E6	52.862	57.650m
9)	A Endosulfan I	5.546	6.249	63617536	362.3E6	53.157	59.369
10)	B gamma-Chl...	5.432	6.125	67006519	384.8E6	52.648	58.482
11)	B alpha-Chl...	5.491	6.197	65168332	377.3E6	51.593	58.433
12)	B 4,4'-DDE	5.654	6.355	67551730	363.7E6	56.536	58.617
13)	MA Dieldrin	5.789	6.507	69891058	393.6E6	55.220	62.120
14)	MA Endrin	6.048	6.725	79880321	225.6E6	66.673	42.004 #
15)	B Endosulfa...	6.319	6.938	62479214	319.3E6	54.037	61.129m
16)	A 4,4'-DDD	6.169	6.849	58025924	311.0E6	54.278	59.581
17)	MA 4,4'-DDT	6.409	7.147	61025111	306.4E6	52.690	56.987
18)	B Endrin al...	6.487	7.064	54294820	275.6E6	56.893	65.163
19)	B Endosulfa...	6.699	7.286	67209491	317.5E6	54.438	60.655
20)	A Methoxychlor	6.955	7.606	35637039	174.8E6	50.736	62.563
21)	B Endrin ke...	7.193	7.760	79363213	360.7E6	54.079	61.189
22)	Mirex	7.378	8.209	61122137	233.2E6	58.529	56.464

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082621\
Data File : PD065326.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2021 11:16
Operator : AR\AJ
Sample : M3463-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

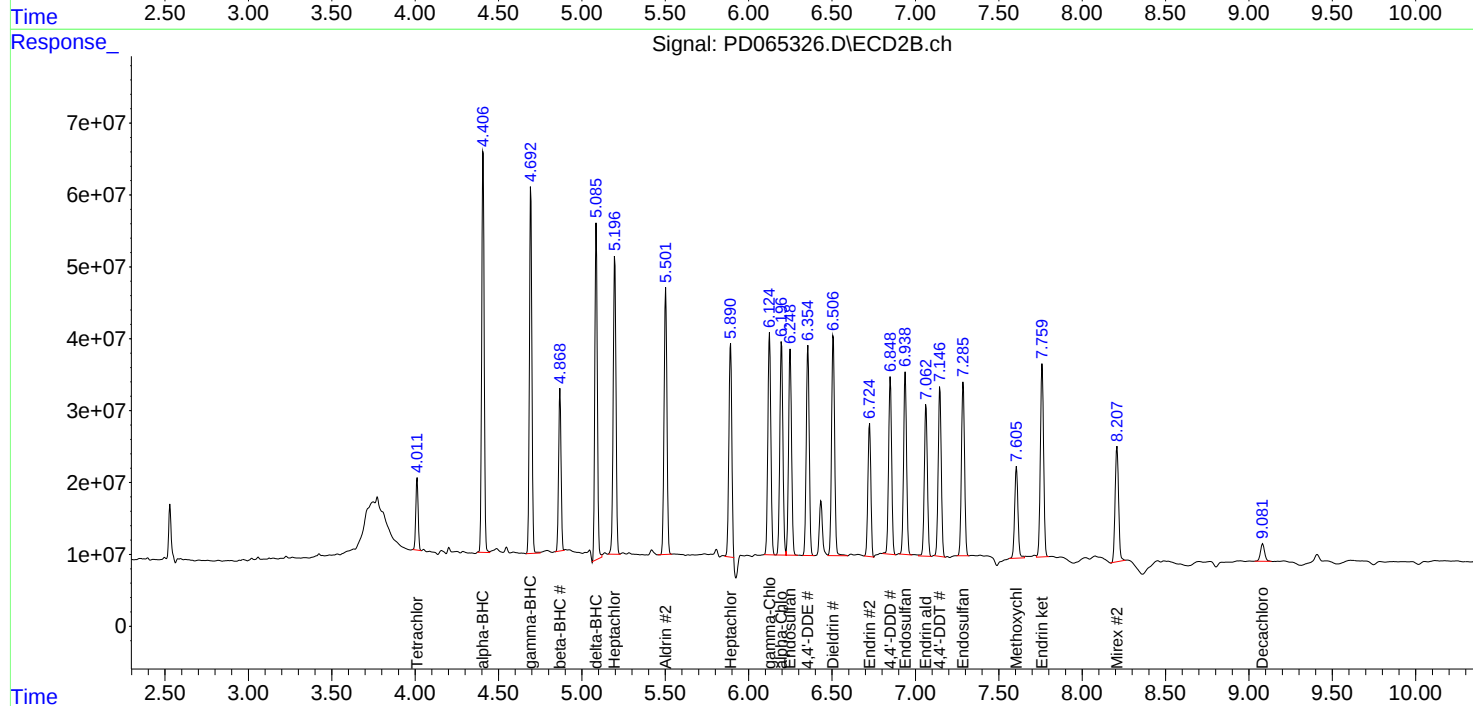
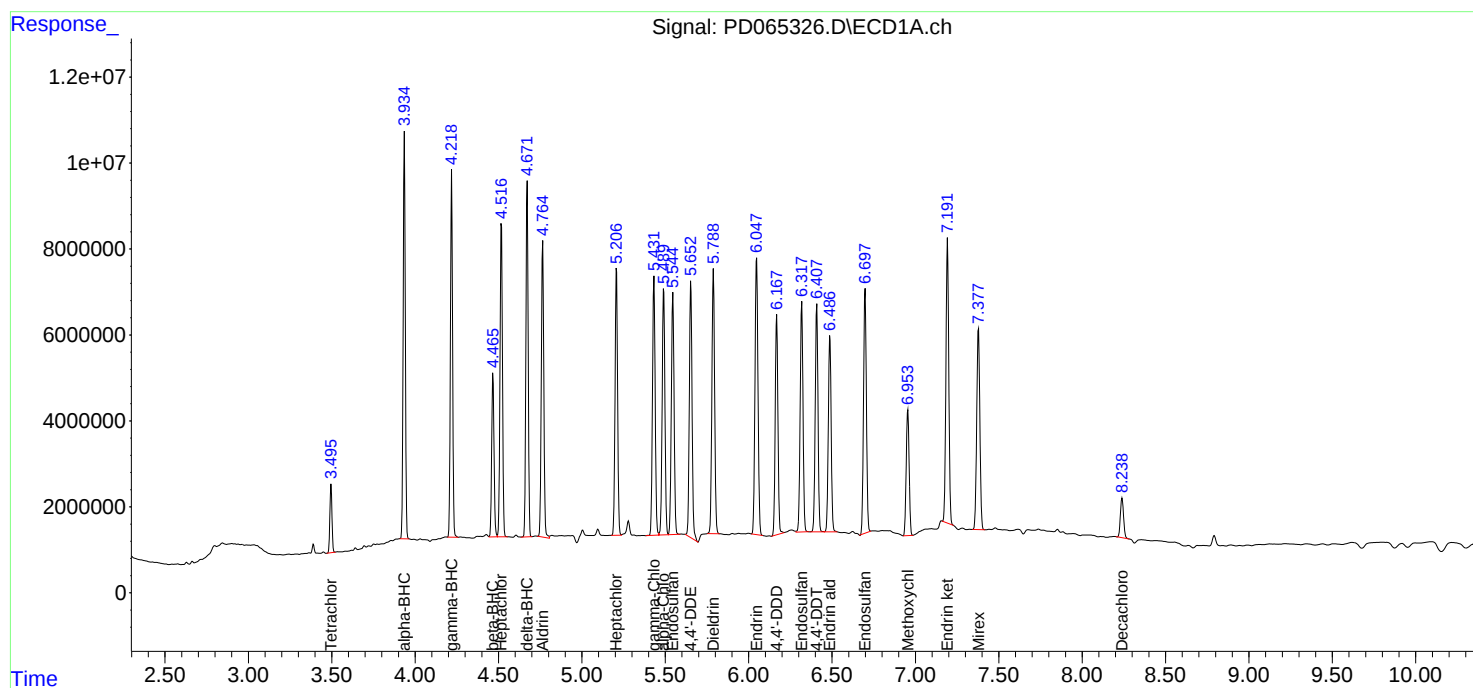
Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

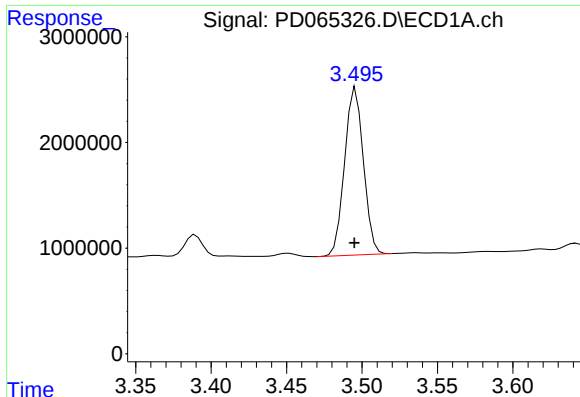
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 01:09:03 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082521.M
Quant Title : GC Extractables
QLast Update : Wed Aug 25 05:44:31 2021
Response 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





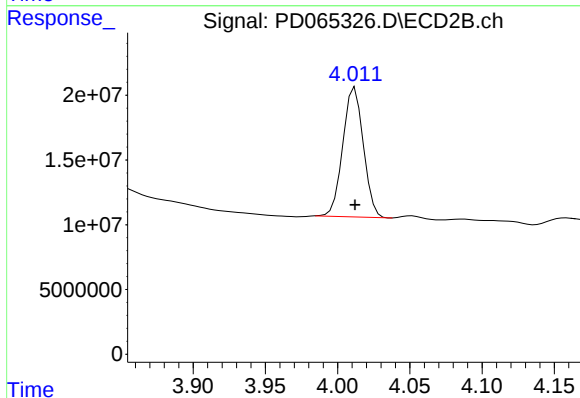
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 13759063
Conc: 12.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

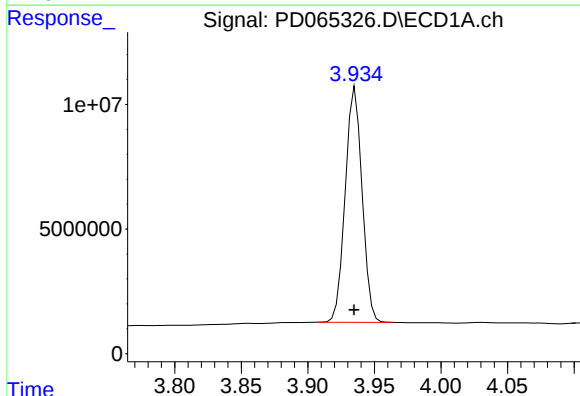
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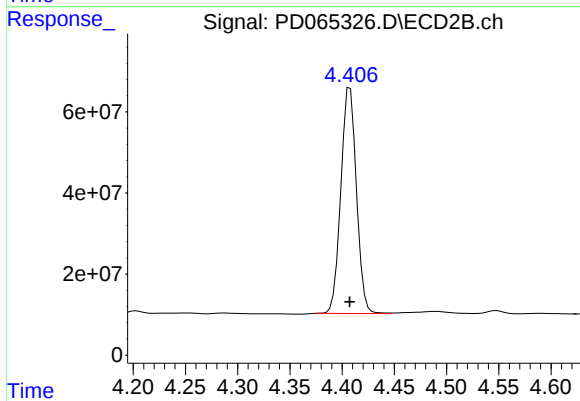
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 98728663
Conc: 14.44 ng/ml



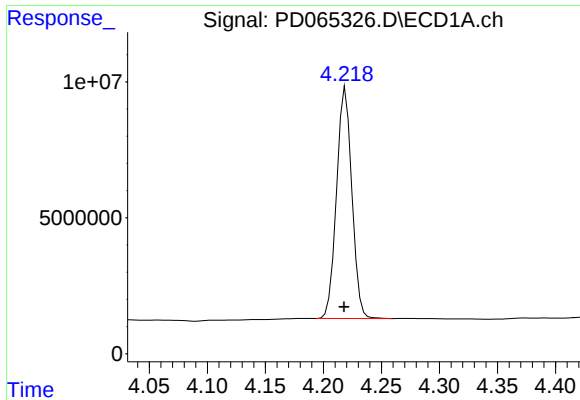
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 83325182
Conc: 54.21 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 578148907
Conc: 58.42 ng/ml



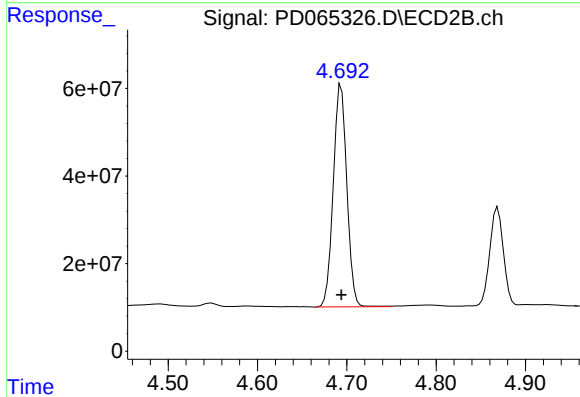
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.001 min
Response: 78198690
Conc: 51.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

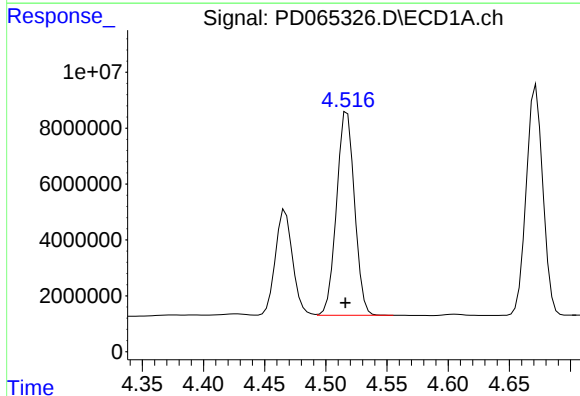
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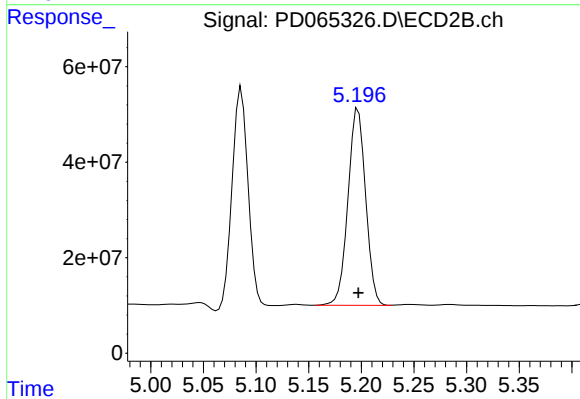
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 535488528
Conc: 59.50 ng/ml



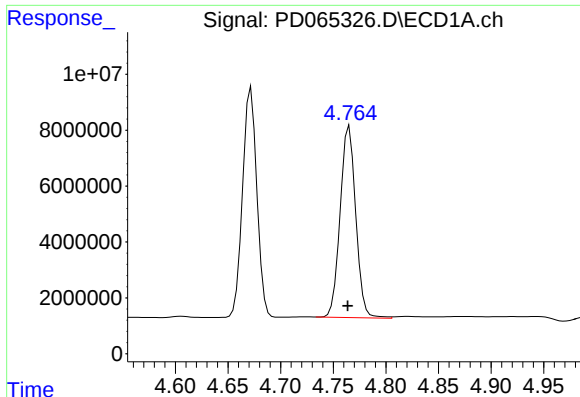
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.001 min
Response: 74457847
Conc: 52.26 ng/ml



#4 Heptachlor

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 484144236
Conc: 57.22 ng/ml



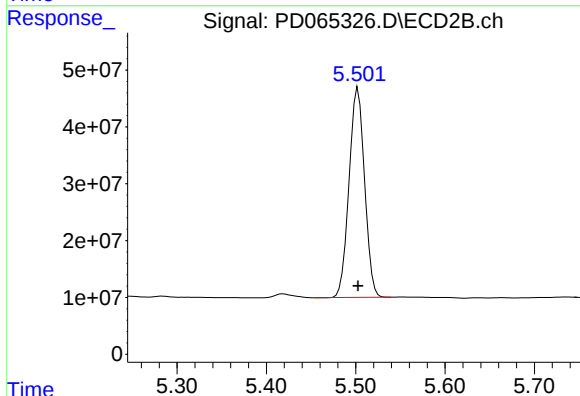
#5 Aldrin

R.T.: 4.765 min
Delta R.T.: 0.001 min
Response: 70940123
Conc: 53.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

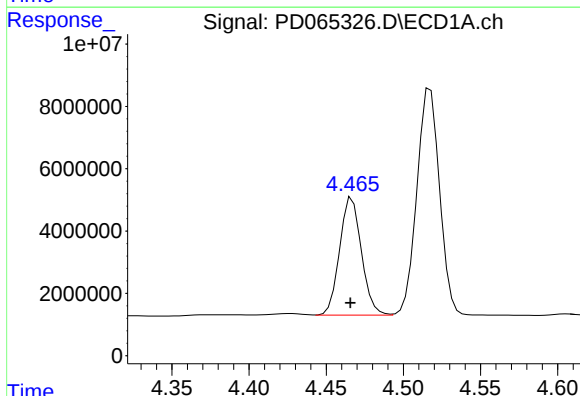
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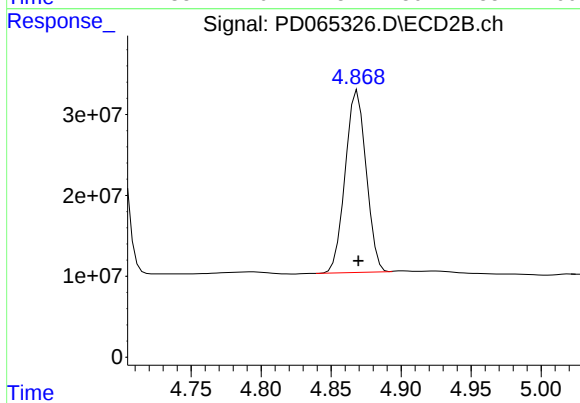
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 445053055
Conc: 57.19 ng/ml



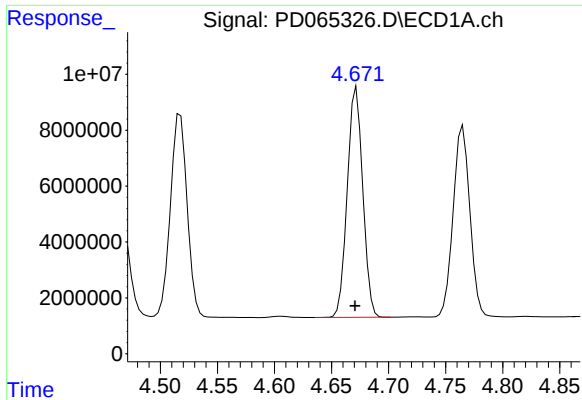
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.001 min
Response: 37157010
Conc: 56.11 ng/ml



#6 beta-BHC

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 234245497
Conc: 62.02 ng/ml



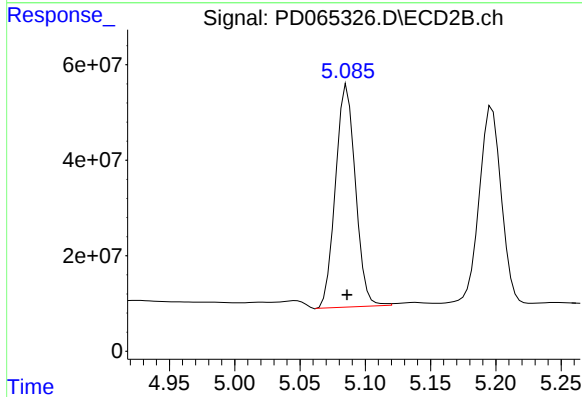
#7 delta-BHC

R.T.: 4.672 min
Delta R.T.: 0.001 min
Response: 77810834
Conc: 52.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

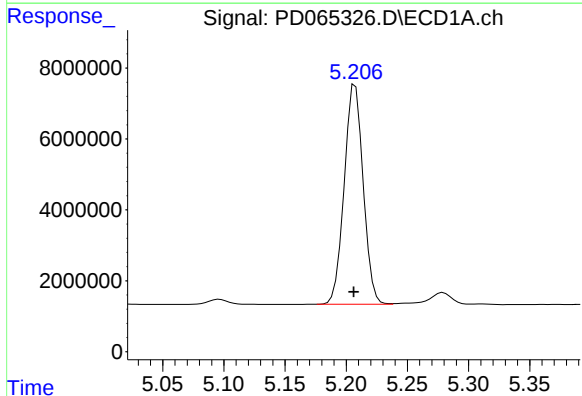
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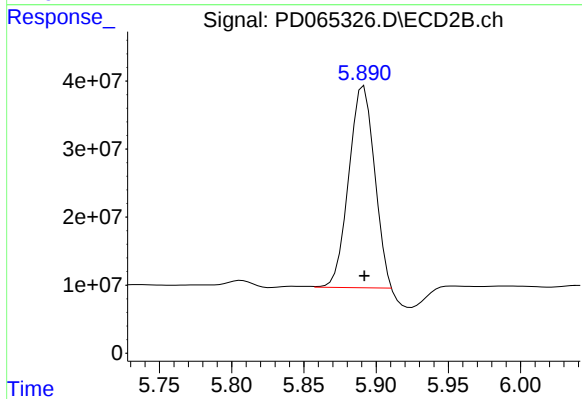
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 494910576
Conc: 57.13 ng/ml



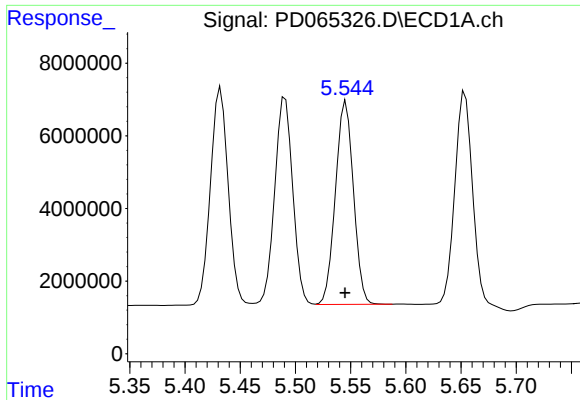
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.001 min
Response: 66816996
Conc: 52.86 ng/ml



#8 Heptachlor epoxide

R.T.: 5.890 min
Delta R.T.: -0.002 min
Response: 366937409
Conc: 57.65 ng/ml m



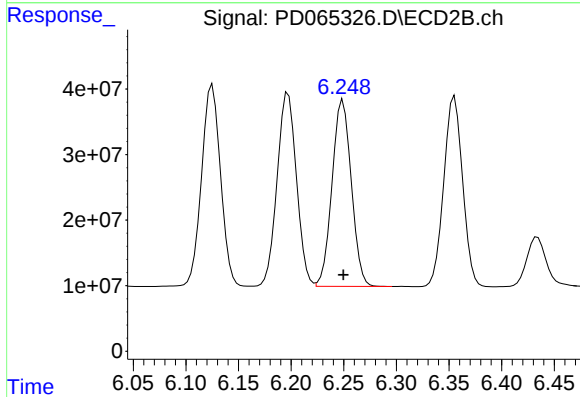
#9 Endosulfan I

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 63617536
Conc: 53.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

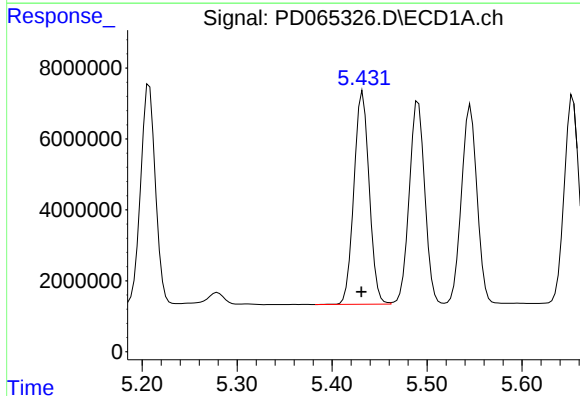
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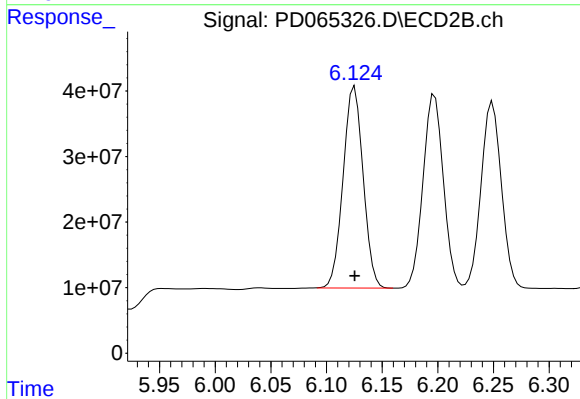
#9 Endosulfan I

R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 362267986
Conc: 59.37 ng/ml



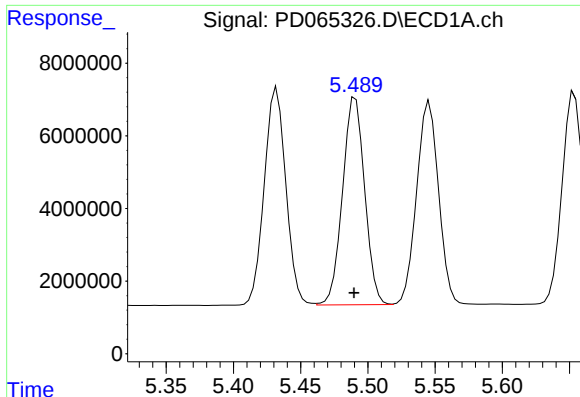
#10 gamma-Chlordane

R.T.: 5.432 min
Delta R.T.: 0.001 min
Response: 67006519
Conc: 52.65 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 384796750
Conc: 58.48 ng/ml



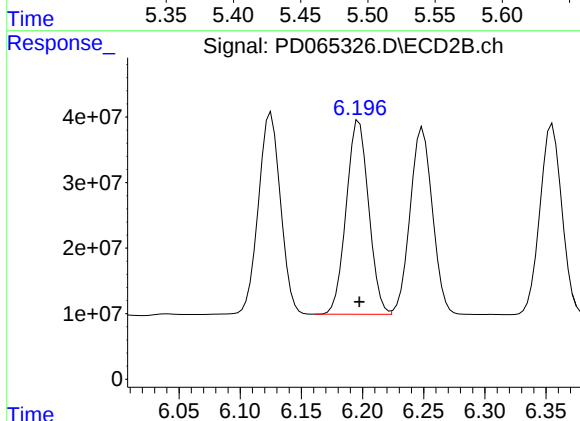
#11 alpha-Chlordane

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 65168332
Conc: 51.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

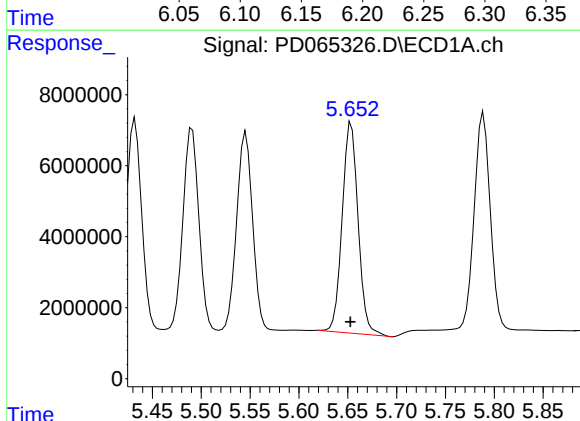
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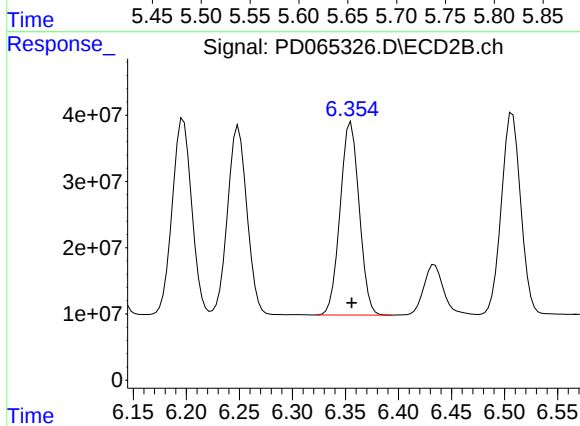
#11 alpha-Chlordane

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 377345131
Conc: 58.43 ng/ml



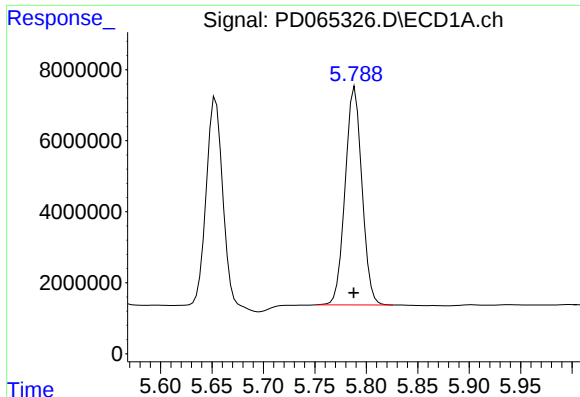
#12 4,4'-DDE

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 67551730
Conc: 56.54 ng/ml



#12 4,4'-DDE

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 363650450
Conc: 58.62 ng/ml



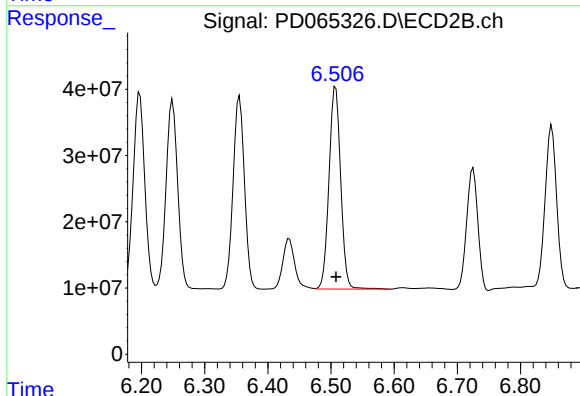
#13 Dieldrin

R.T.: 5.789 min
Delta R.T.: 0.001 min
Response: 69891058
Conc: 55.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

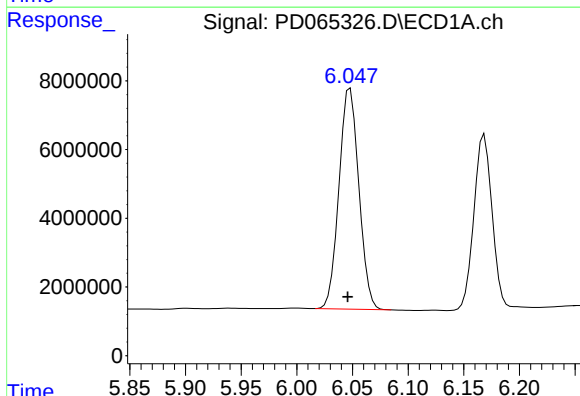
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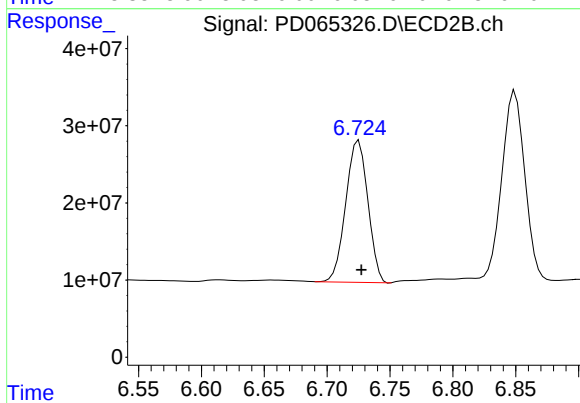
#13 Dieldrin

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 393560919
Conc: 62.12 ng/ml



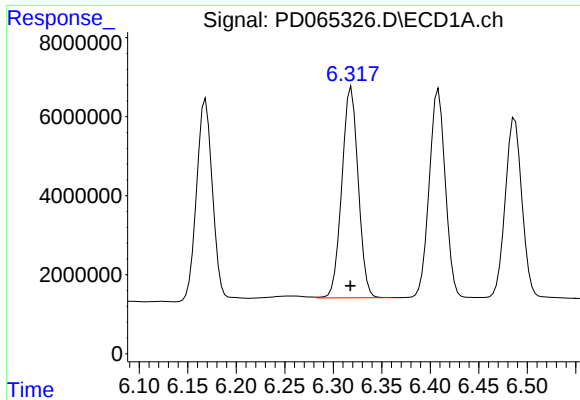
#14 Endrin

R.T.: 6.048 min
Delta R.T.: 0.002 min
Response: 79880321
Conc: 66.67 ng/ml



#14 Endrin

R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 225596769
Conc: 42.00 ng/ml



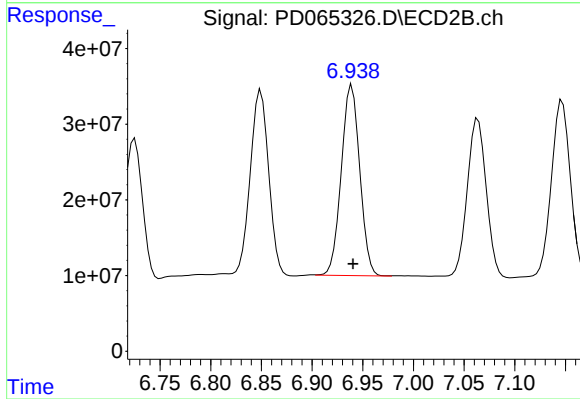
#15 Endosulfan II

R.T.: 6.319 min
Delta R.T.: 0.001 min
Response: 62479214
Conc: 54.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

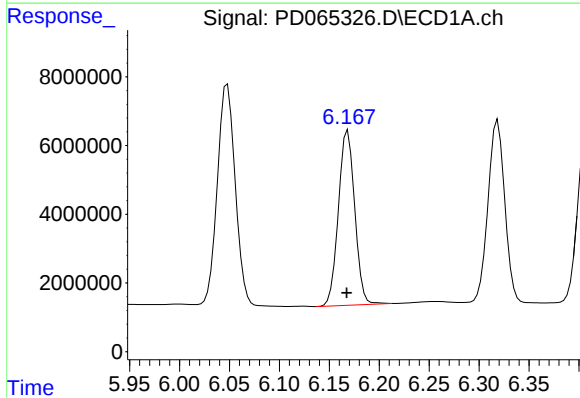
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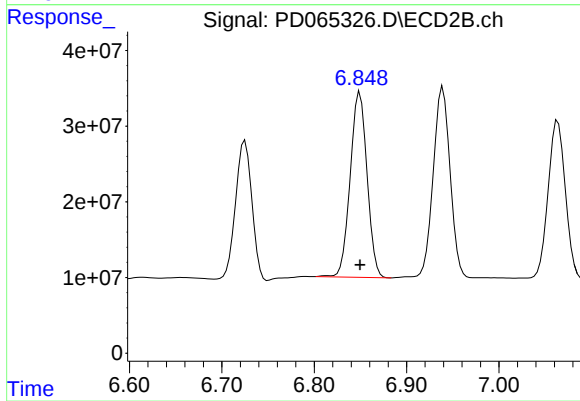
#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 319257289
Conc: 61.13 ng/ml m



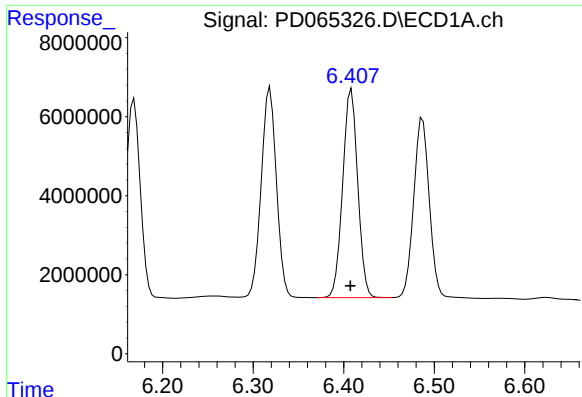
#16 4,4'-DDD

R.T.: 6.169 min
Delta R.T.: 0.001 min
Response: 58025924
Conc: 54.28 ng/ml



#16 4,4'-DDD

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 310956408
Conc: 59.58 ng/ml



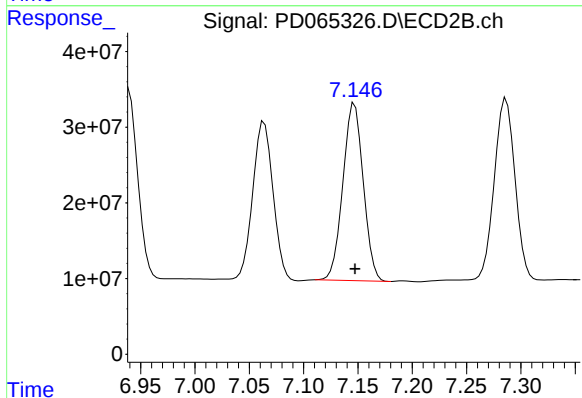
#17 4,4'-DDT

R.T.: 6.409 min
Delta R.T.: 0.001 min
Response: 61025111
Conc: 52.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

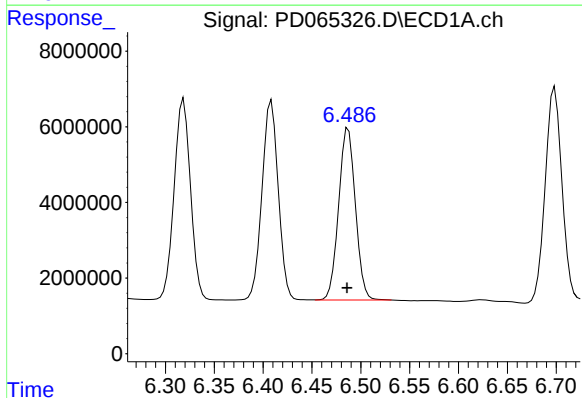
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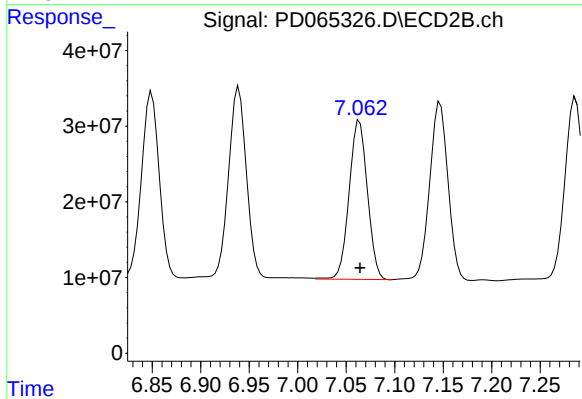
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 306411001
Conc: 56.99 ng/ml



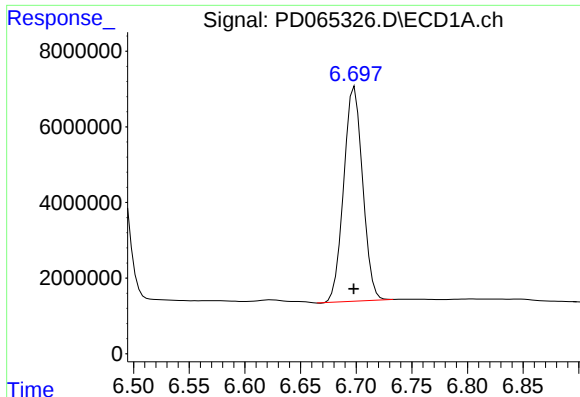
#18 Endrin aldehyde

R.T.: 6.487 min
Delta R.T.: 0.001 min
Response: 54294820
Conc: 56.89 ng/ml



#18 Endrin aldehyde

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 275553866
Conc: 65.16 ng/ml



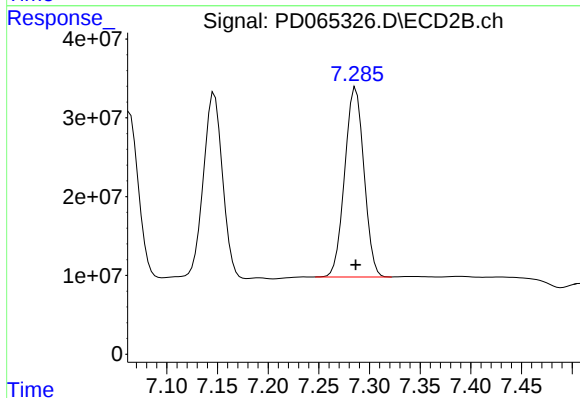
#19 Endosulfan Sulfate

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 67209491
Conc: 54.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

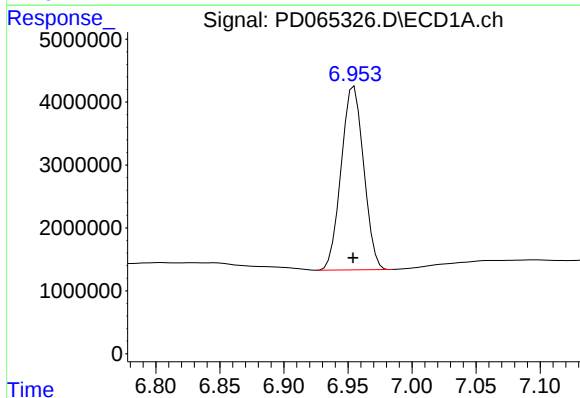
Manual Integrations
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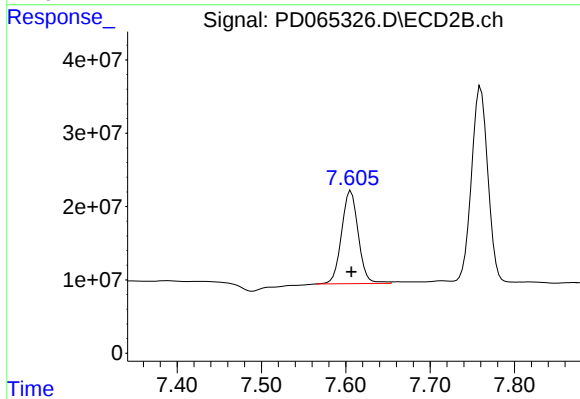
#19 Endosulfan Sulfate

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 317495241
Conc: 60.66 ng/ml



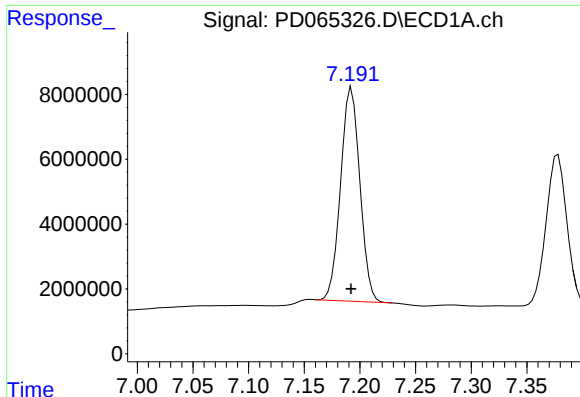
#20 Methoxychlor

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 35637039
Conc: 50.74 ng/ml



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 174754187
Conc: 62.56 ng/ml



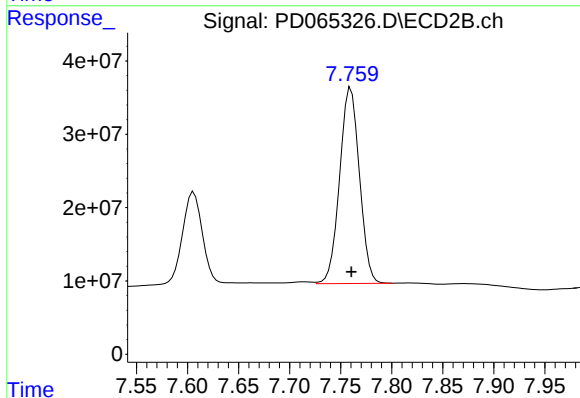
#21 Endrin ketone

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 79363213
Conc: 54.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

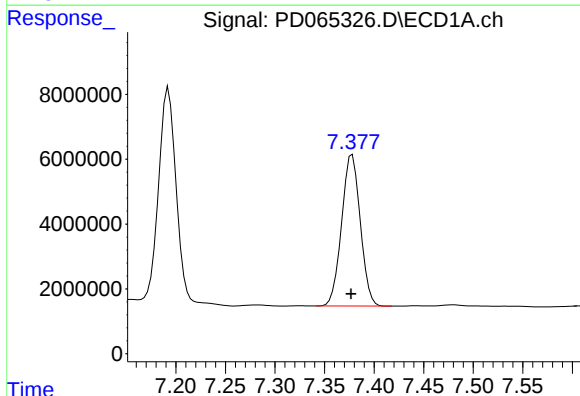
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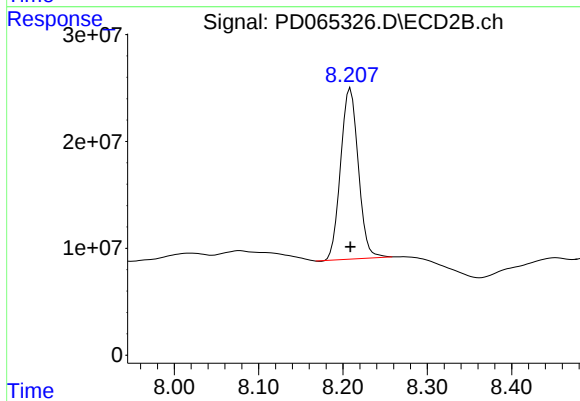
#21 Endrin ketone

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 360690441
Conc: 61.19 ng/ml



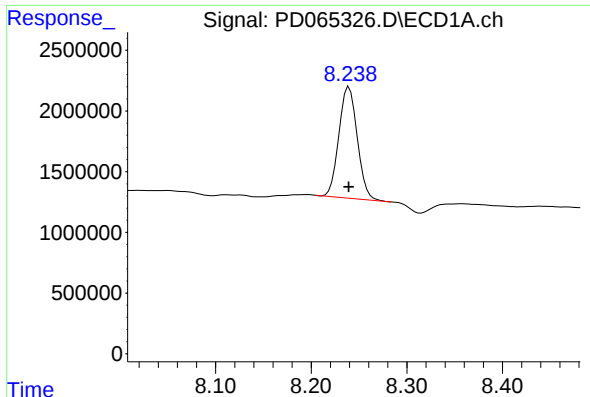
#22 Mirex

R.T.: 7.378 min
Delta R.T.: 0.001 min
Response: 61122137
Conc: 58.53 ng/ml



#22 Mirex

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 233163475
Conc: 56.46 ng/ml



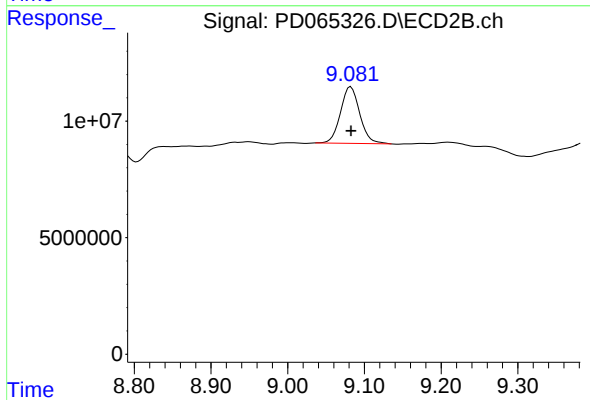
#28 Decachlorobiphenyl

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 12190562
Conc: 8.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MSD

Manual Integrations
APPROVED

mohammad
8/27/2021 9:03:35 AM



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 42350933
Conc: 9.78 ng/ml