

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082521\
 Data File : PD065312.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2021 16:29
 Operator : AR\AJ
 Sample : PB138713BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB138713BS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 03:40:22 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	4.013	19698960	145.3E6	18.271	21.255
28)	SA Decachlor...	8.245	9.086	27000736	93091998	19.899	21.496
Target Compounds							
2)	A alpha-BHC	3.939	4.408	72215856	511.5E6	46.986	51.681
3)	MA gamma-BHC...	4.222	4.694	67896042	495.1E6	44.706	55.008
4)	MA Heptachlor	4.521	5.198	63397213	417.4E6	44.499	49.329
5)	MB Aldrin	4.769	5.504	61495997	390.5E6	46.544	50.184
6)	B beta-BHC	4.470	4.870	31779021	214.9E6	47.007	56.324
7)	B delta-BHC	4.676	5.087	64855857	425.7E6	44.069	49.142
8)	B Heptachlo...	5.212	5.894	59027514	337.6E6	46.699	53.036
9)	A Endosulfan I	5.550	6.252	56229775	316.8E6	46.984	51.917
10)	B gamma-Chl...	5.437	6.127	59935866	340.3E6	47.092	51.722
11)	B alpha-Chl...	5.496	6.199	58671797	330.7E6	46.450	51.218
12)	B 4,4'-DDE	5.658	6.358	56993962	327.8E6	47.700	52.844
13)	MA Dieldrin	5.794	6.510	61388355	341.1E6	48.502	53.845
14)	MA Endrin	6.051	6.729	55042865	275.2E6	45.942	51.233
15)	B Endosulfa...	6.323	6.940	55250701	282.7E6	47.785	54.125m
16)	A 4,4'-DDD	6.174	6.850	50275456	274.4E6	47.029	52.569m
17)	MA 4,4'-DDT	6.414	7.149	51680346	257.1E6	44.621	47.825
18)	B Endrin al...	6.493	7.067	49539606	248.1E6	51.910	58.668
19)	B Endosulfa...	6.704	7.289	59581913	280.5E6	48.259	53.583
20)	A Methoxychlor	6.961	7.609	31691441	139.7E6	45.118	50.009
21)	B Endrin ke...	7.198	7.763	72407987	325.5E6	49.340	55.214
22)	Mirex	7.383	8.211	55419109	218.1E6	52.516	52.809

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082521\
Data File : PD065312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2021 16:29
Operator : AR\AJ
Sample : PB138713BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

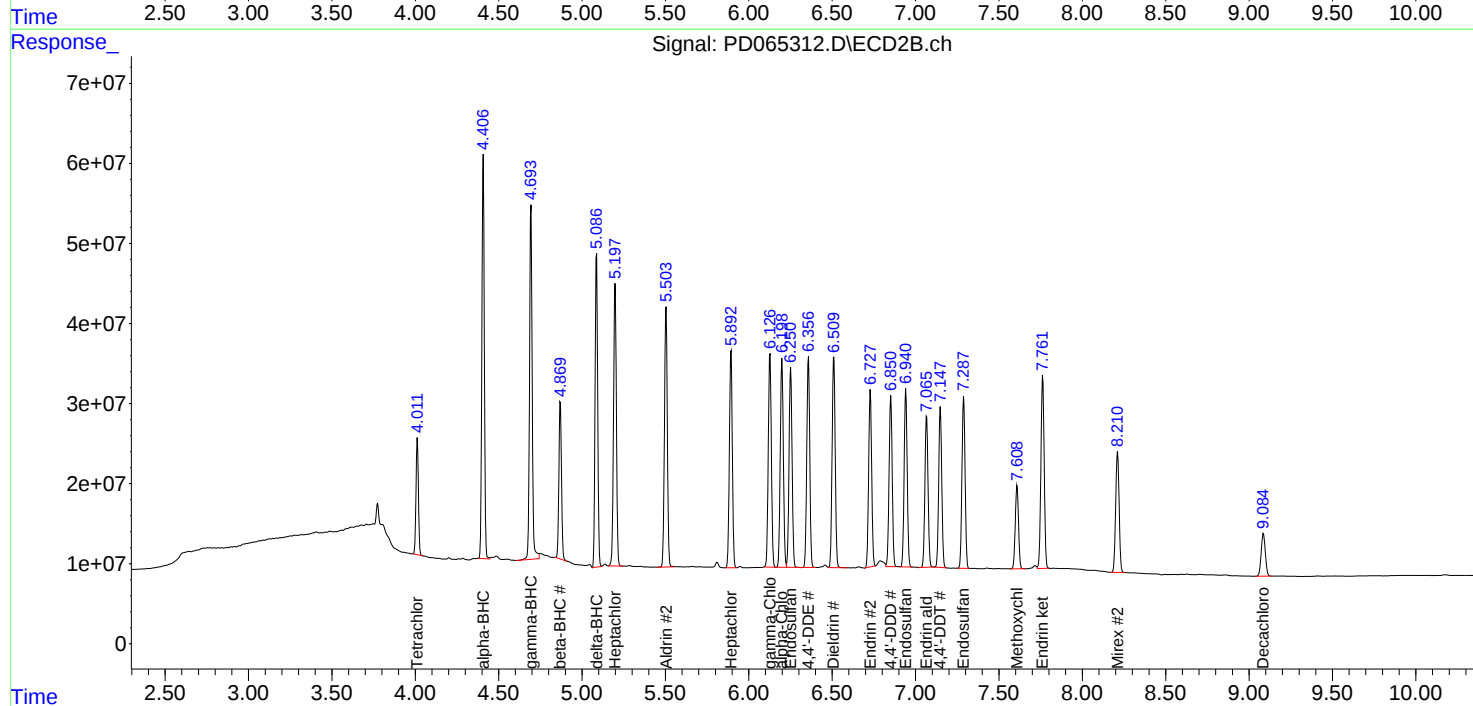
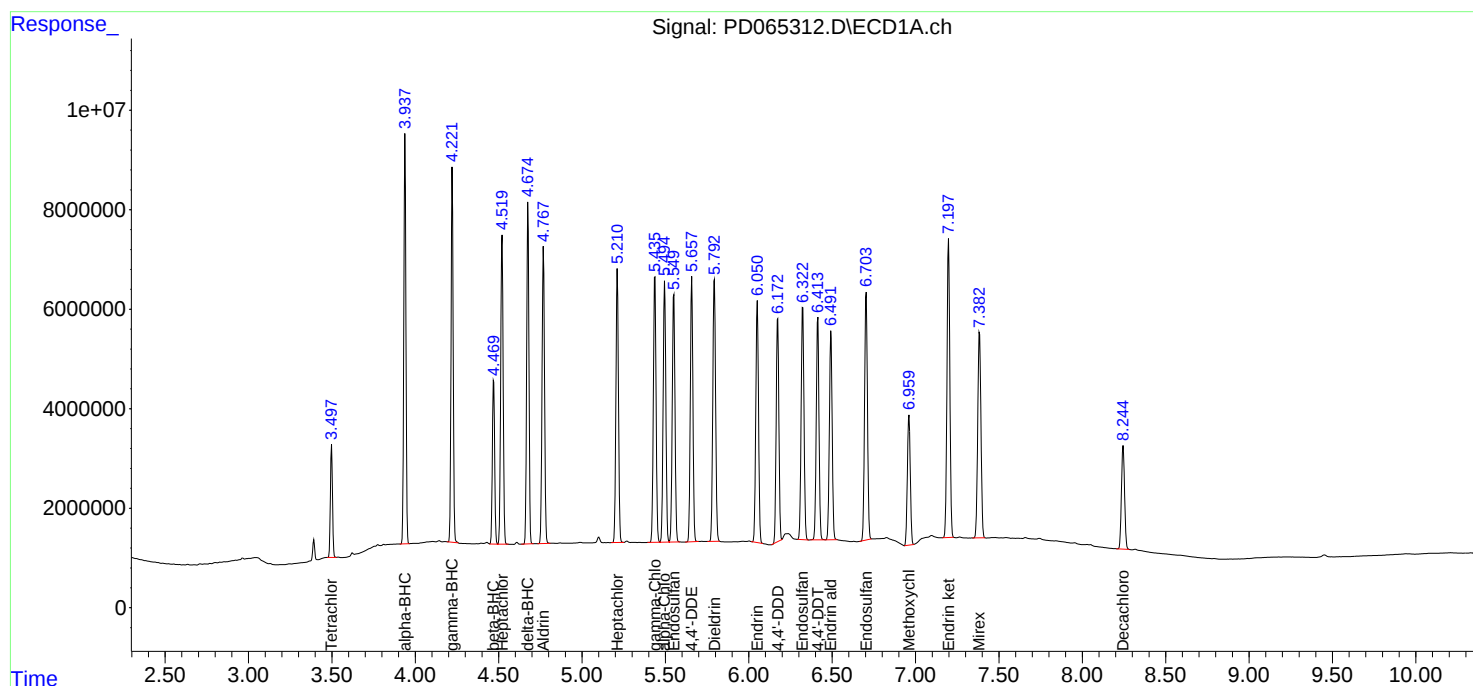
Instrument :
ECD_D
ClientSampleId :
PB138713BS

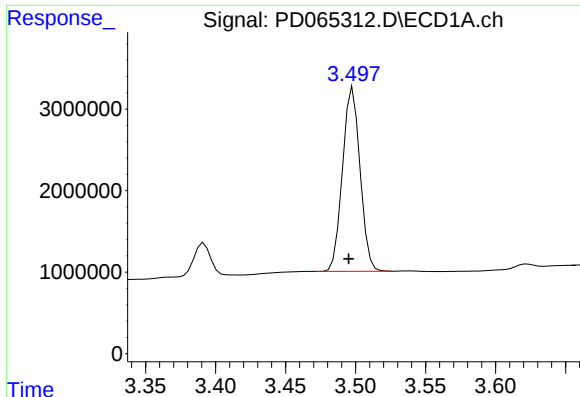
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 26 03:40:22 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082521.M
Quant Title : GC Extractables
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Volume Inj. : 2 µl
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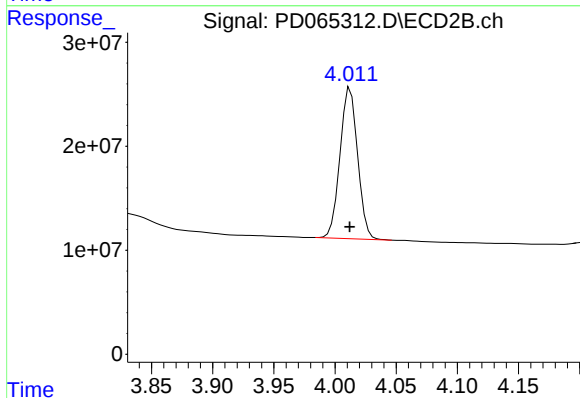
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.003 min
Response: 19698960
Conc: 18.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BS

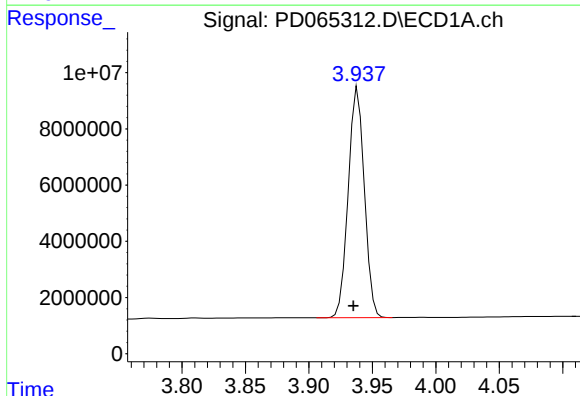
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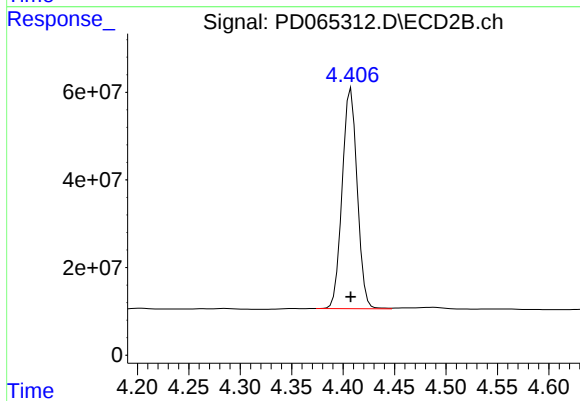
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 145329583
Conc: 21.26 ng/ml



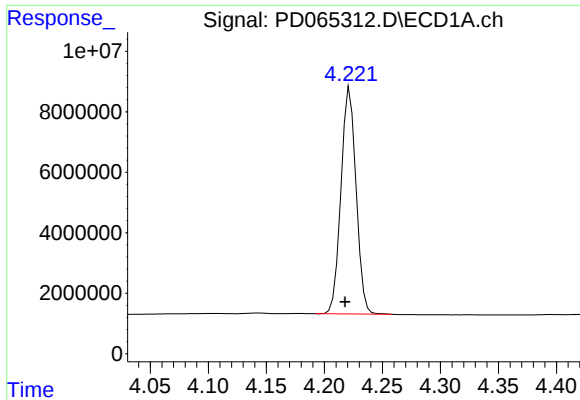
#2 alpha-BHC

R.T.: 3.939 min
Delta R.T.: 0.004 min
Response: 72215856
Conc: 46.99 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 511456124
Conc: 51.68 ng/ml



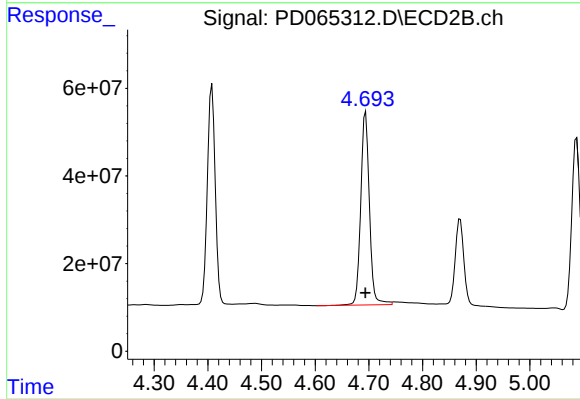
#3 gamma-BHC (Lindane)

R.T.: 4.222 min
Delta R.T.: 0.004 min
Response: 67896042
Conc: 44.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BS

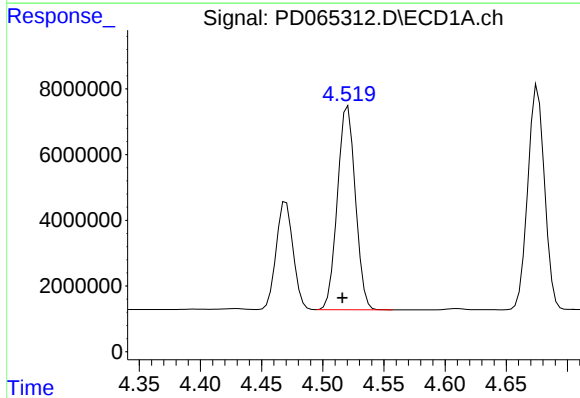
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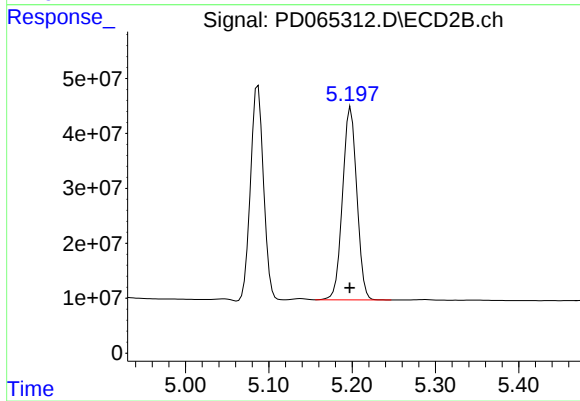
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 495070743
Conc: 55.01 ng/ml



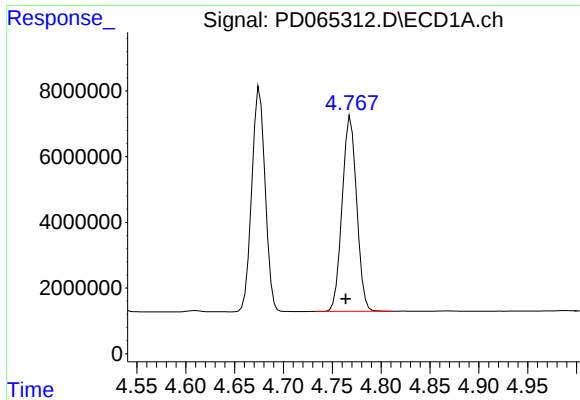
#4 Heptachlor

R.T.: 4.521 min
Delta R.T.: 0.004 min
Response: 63397213
Conc: 44.50 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.001 min
Response: 417386962
Conc: 49.33 ng/ml



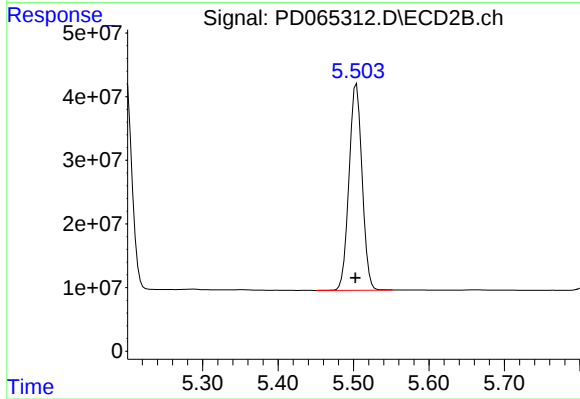
#5 Aldrin

R.T.: 4.769 min
Delta R.T.: 0.005 min
Response: 61495997
Conc: 46.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BS

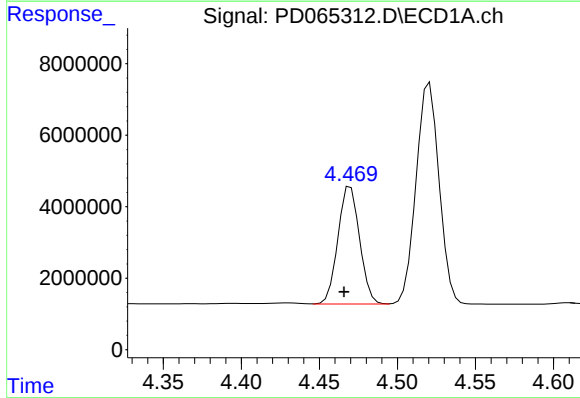
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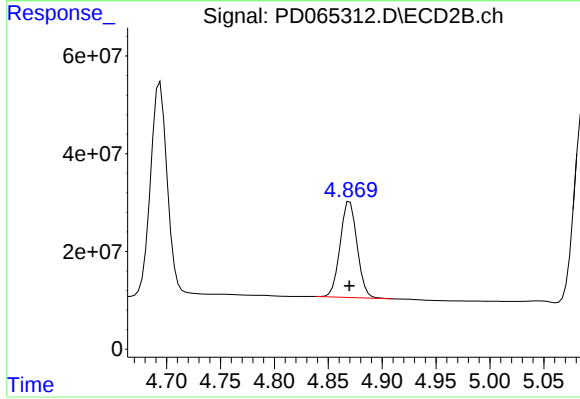
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.001 min
Response: 390521284
Conc: 50.18 ng/ml



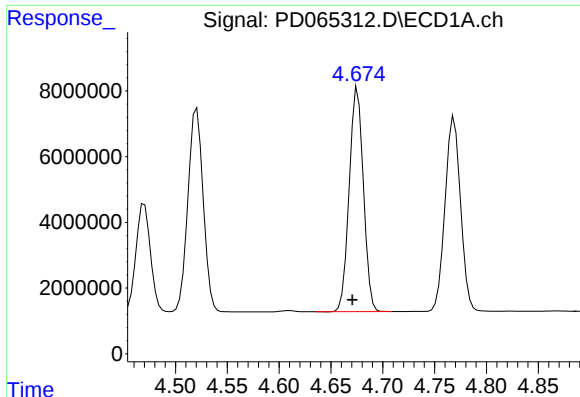
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.004 min
Response: 31779021
Conc: 47.01 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 214883103
Conc: 56.32 ng/ml



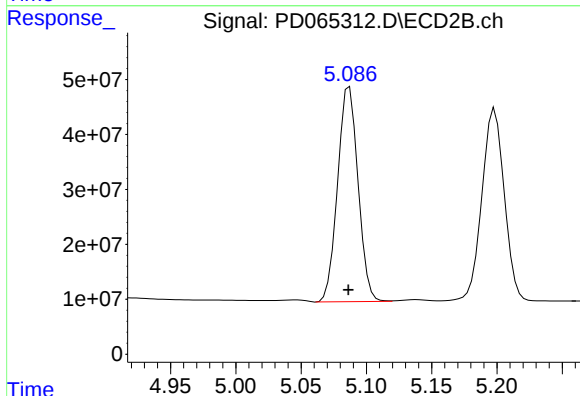
#7 delta-BHC

R.T.: 4.676 min
Delta R.T.: 0.005 min
Response: 64855857
Conc: 44.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BS

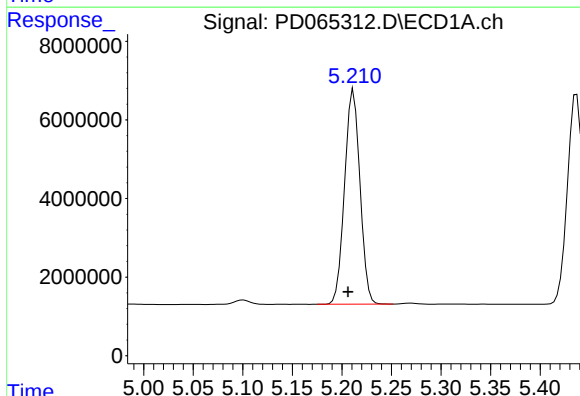
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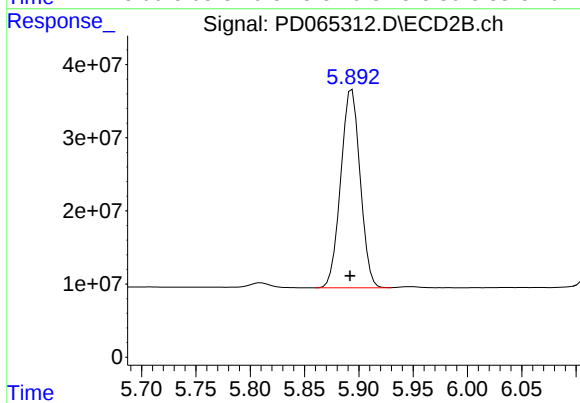
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.001 min
Response: 425718741
Conc: 49.14 ng/ml



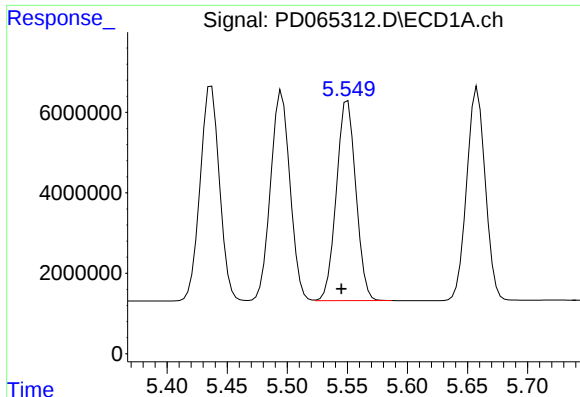
#8 Heptachlor epoxide

R.T.: 5.212 min
Delta R.T.: 0.005 min
Response: 59027514
Conc: 46.70 ng/ml



#8 Heptachlor epoxide

R.T.: 5.894 min
Delta R.T.: 0.002 min
Response: 337575319
Conc: 53.04 ng/ml



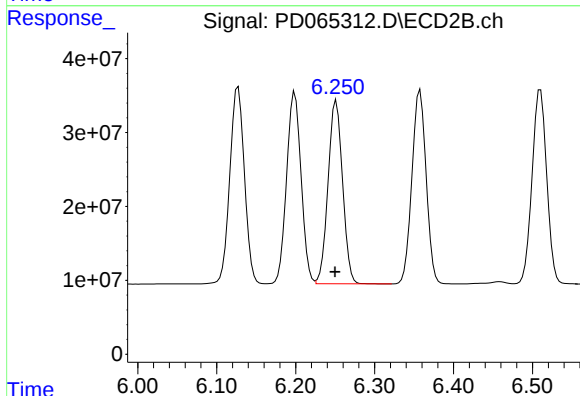
#9 Endosulfan I

R.T.: 5.550 min
Delta R.T.: 0.005 min
Response: 56229775
Conc: 46.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BS

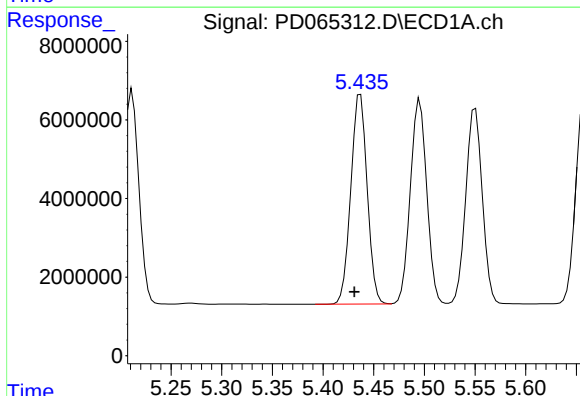
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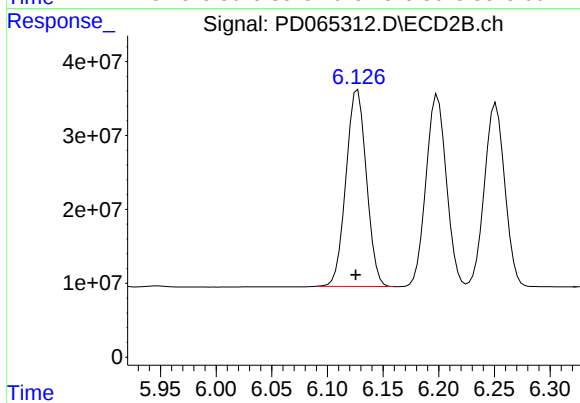
#9 Endosulfan I

R.T.: 6.252 min
Delta R.T.: 0.002 min
Response: 316796033
Conc: 51.92 ng/ml



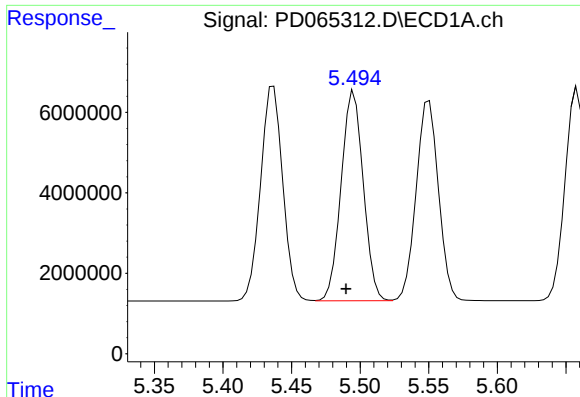
#10 gamma-Chlordane

R.T.: 5.437 min
Delta R.T.: 0.006 min
Response: 59935866
Conc: 47.09 ng/ml



#10 gamma-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.002 min
Response: 340316634
Conc: 51.72 ng/ml



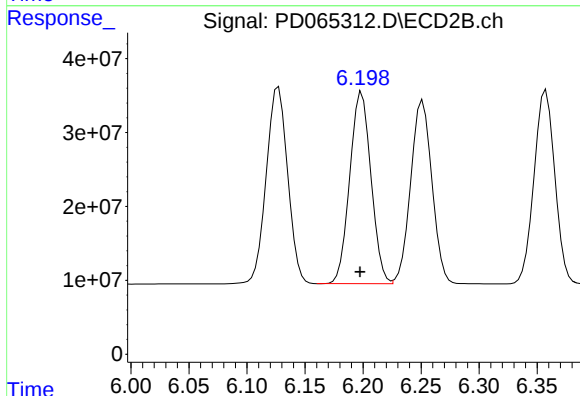
#11 alpha-Chlordane

R.T.: 5.496 min
Delta R.T.: 0.006 min
Response: 58671797
Conc: 46.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BS

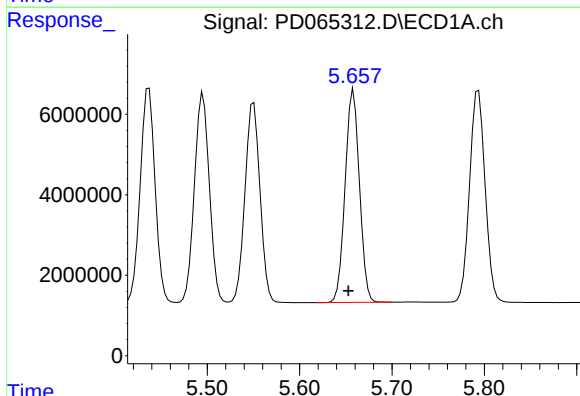
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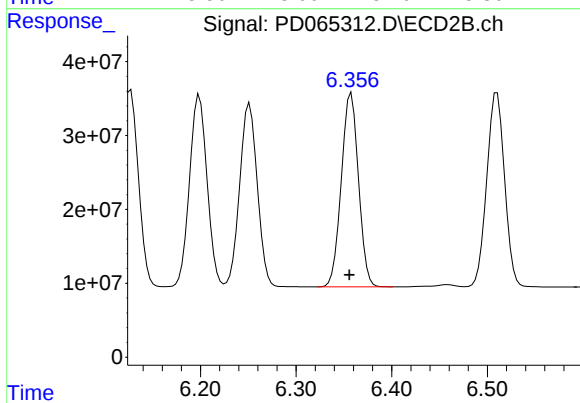
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.002 min
Response: 330749825
Conc: 51.22 ng/ml



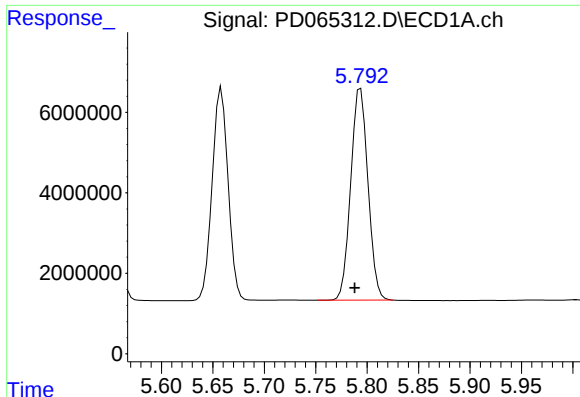
#12 4,4'-DDE

R.T.: 5.658 min
Delta R.T.: 0.006 min
Response: 56993962
Conc: 47.70 ng/ml



#12 4,4'-DDE

R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 327835414
Conc: 52.84 ng/ml



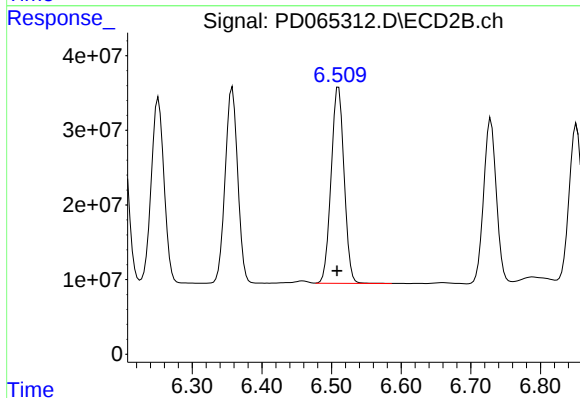
#13 Dieldrin

R.T.: 5.794 min
Delta R.T.: 0.006 min
Response: 61388355
Conc: 48.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BS

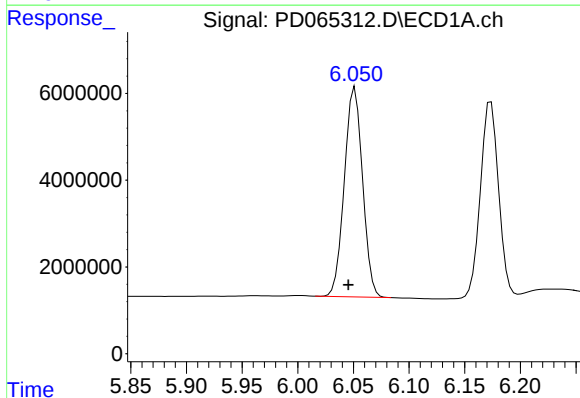
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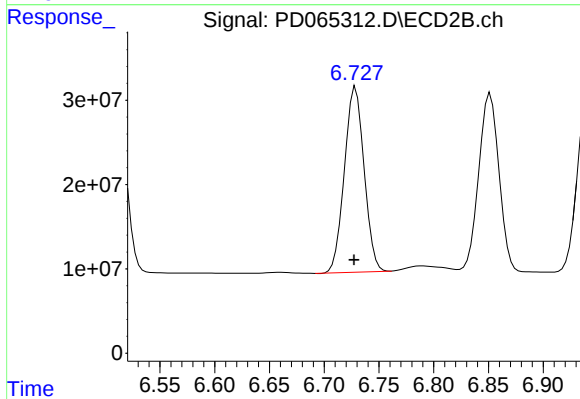
#13 Dieldrin

R.T.: 6.510 min
Delta R.T.: 0.002 min
Response: 341132427
Conc: 53.84 ng/ml



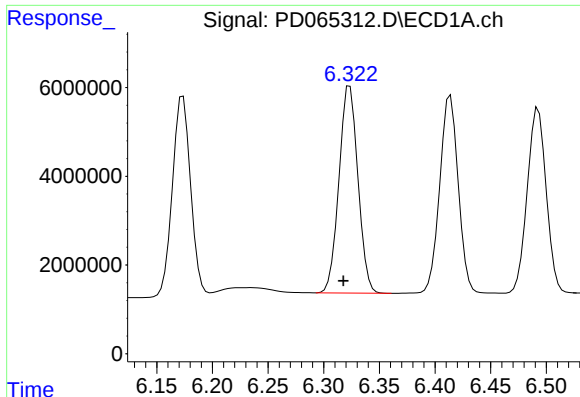
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.006 min
Response: 55042865
Conc: 45.94 ng/ml



#14 Endrin

R.T.: 6.729 min
Delta R.T.: 0.002 min
Response: 275165507
Conc: 51.23 ng/ml



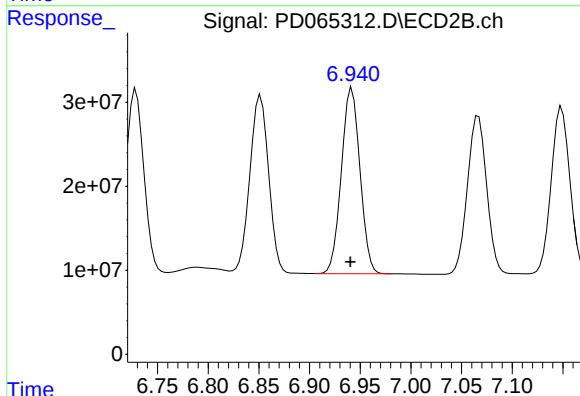
#15 Endosulfan II

R.T.: 6.323 min
Delta R.T.: 0.006 min
Response: 55250701
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BS

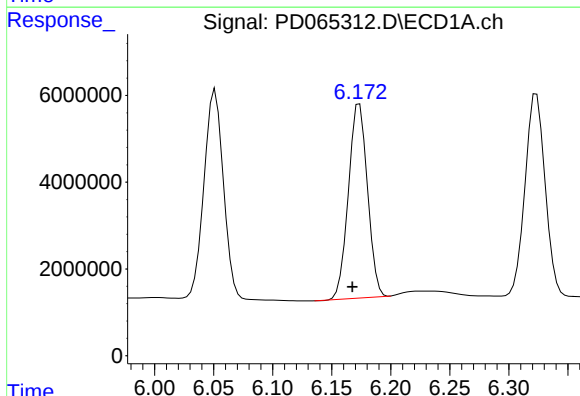
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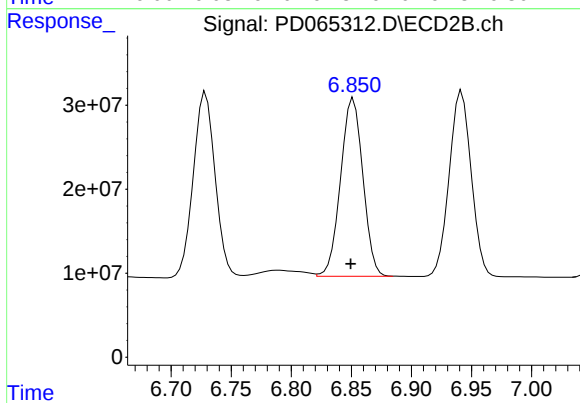
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 282676482
Conc: 54.13 ng/ml m



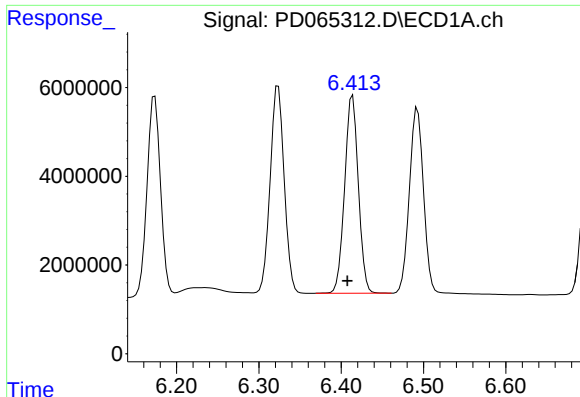
#16 4,4'-DDD

R.T.: 6.174 min
Delta R.T.: 0.006 min
Response: 50275456
Conc: 47.03 ng/ml



#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 274359347
Conc: 52.57 ng/ml m



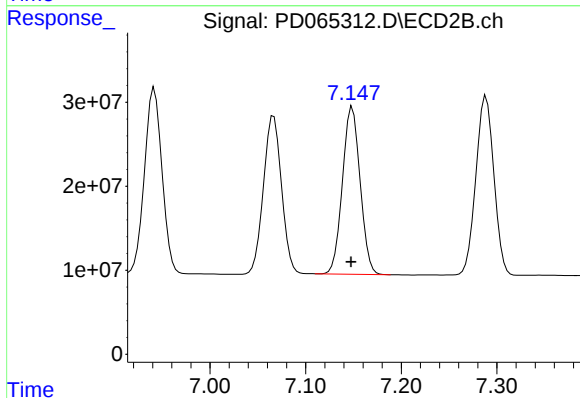
#17 4,4'-DDT

R.T.: 6.414 min
Delta R.T.: 0.006 min
Response: 51680346
Conc: 44.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BS

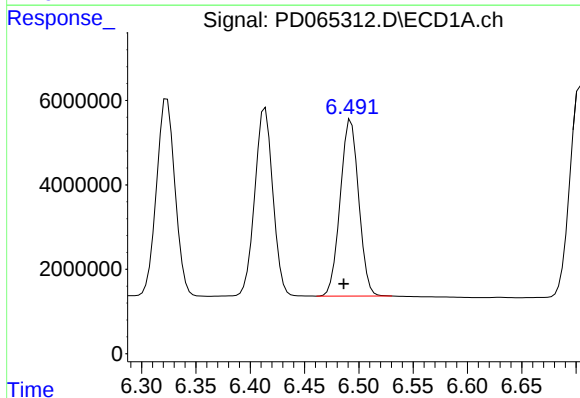
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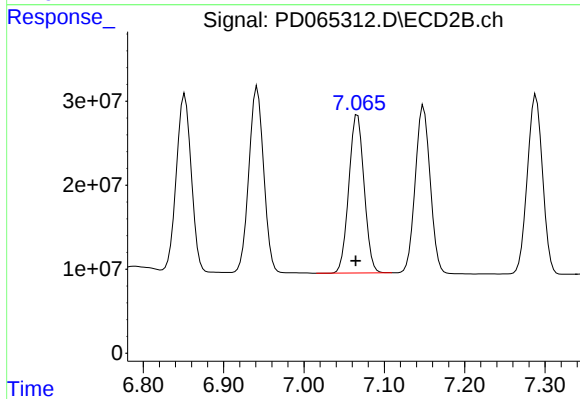
#17 4,4'-DDT

R.T.: 7.149 min
Delta R.T.: 0.001 min
Response: 257146354
Conc: 47.82 ng/ml



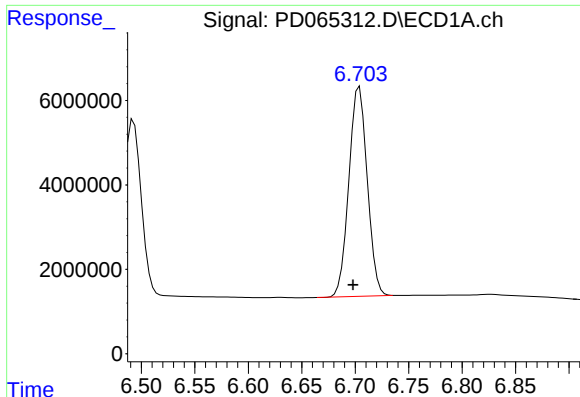
#18 Endrin aldehyde

R.T.: 6.493 min
Delta R.T.: 0.007 min
Response: 49539606
Conc: 51.91 ng/ml



#18 Endrin aldehyde

R.T.: 7.067 min
Delta R.T.: 0.002 min
Response: 248089167
Conc: 58.67 ng/ml



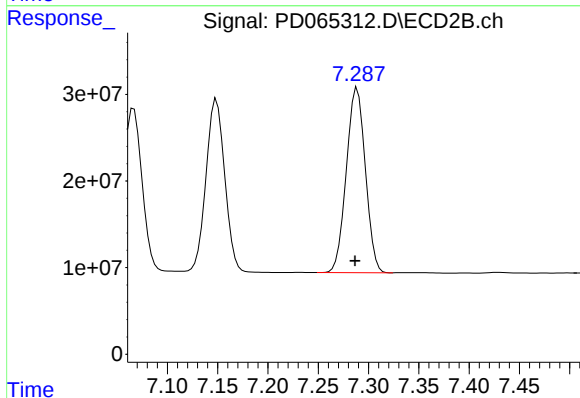
#19 Endosulfan Sulfate

R.T.: 6.704 min
Delta R.T.: 0.006 min
Response: 59581913
Conc: 48.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BS

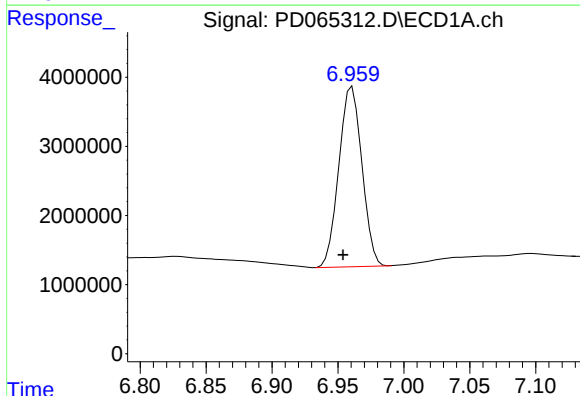
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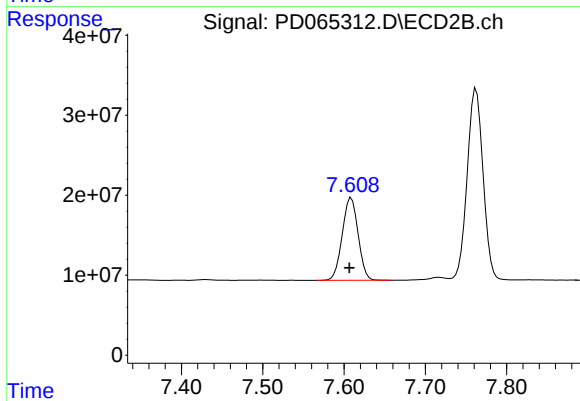
#19 Endosulfan Sulfate

R.T.: 7.289 min
Delta R.T.: 0.002 min
Response: 280477102
Conc: 53.58 ng/ml



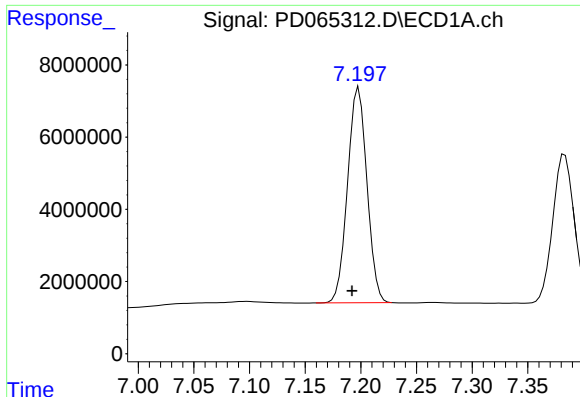
#20 Methoxychlor

R.T.: 6.961 min
Delta R.T.: 0.007 min
Response: 31691441
Conc: 45.12 ng/ml



#20 Methoxychlor

R.T.: 7.609 min
Delta R.T.: 0.002 min
Response: 139688233
Conc: 50.01 ng/ml



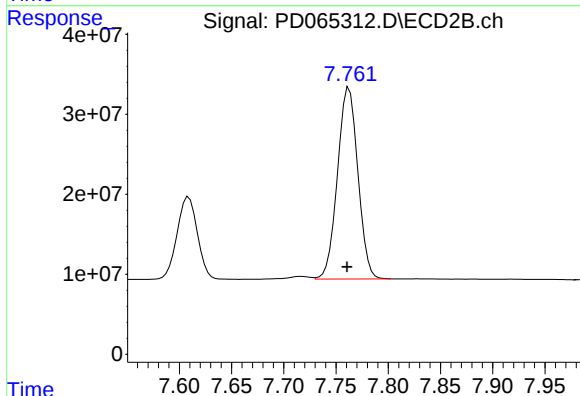
#21 Endrin ketone

R.T.: 7.198 min
Delta R.T.: 0.006 min
Response: 72407987
Conc: 49.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BS

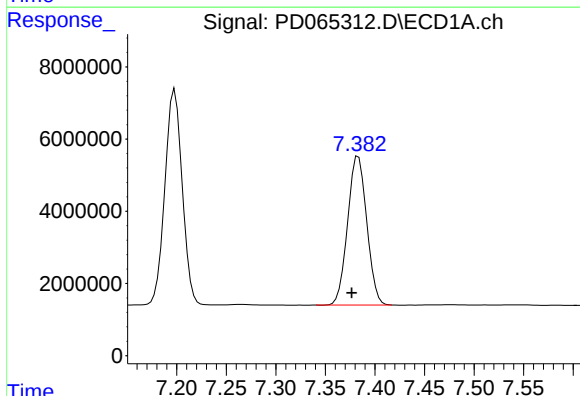
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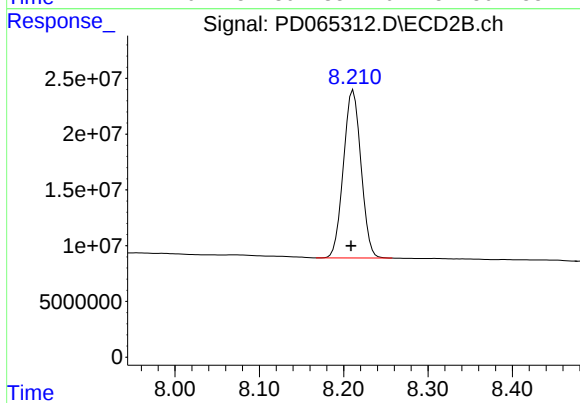
#21 Endrin ketone

R.T.: 7.763 min
Delta R.T.: 0.002 min
Response: 325470956
Conc: 55.21 ng/ml



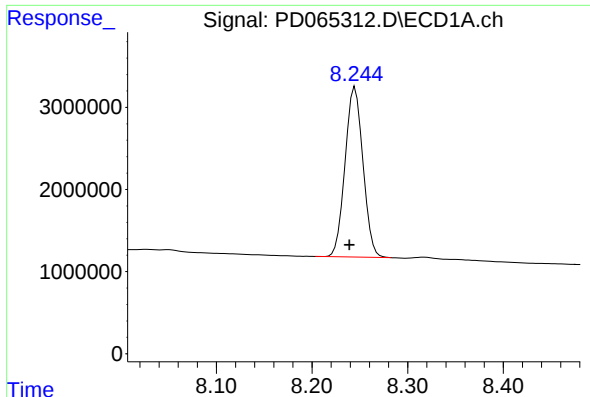
#22 Mirex

R.T.: 7.383 min
Delta R.T.: 0.007 min
Response: 55419109
Conc: 52.52 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.003 min
Response: 218072300
Conc: 52.81 ng/ml



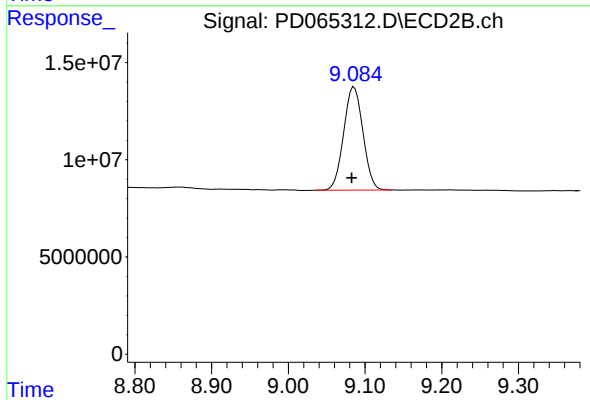
#28 Decachlorobiphenyl

R.T.: 8.245 min
Delta R.T.: 0.006 min
Response: 27000736
Conc: 19.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BS

Manual Integrations
APPROVED

mohammad
8/26/2021 2:26:57 PM



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.003 min
Response: 93091998
Conc: 21.50 ng/ml