

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090821\
 Data File : PD065626.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2021 15:47
 Operator : AR\AJ
 Sample : 12.5PPB PEST SPIKE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 12.5PPB PEST SPIKE

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 09:59:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 04 01:23:47 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
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System Monitoring Compounds

Target Compounds						
2) A	alpha-BHC	3.939	4.409	19846181	186.8E6	13.776 17.663 #
3) MA	gamma-BHC...	4.222	4.696	20411322	187.6E6	14.141 19.034 #
4) MA	Heptachlor	4.521	5.200	21112805	154.7E6	13.911 17.016
5) MB	Aldrin	4.769	5.506	20029820	142.3E6	14.016 16.869
6) B	beta-BHC	4.471	4.872	11170452	83105417	10.859 17.852 #
7) B	delta-BHC	4.675	5.089	20986744	164.9E6	14.073 17.732 #
8) B	Heptachlo...	5.212	5.896	21279637	124.1E6	14.589 17.228
9) A	Endosulfan I	5.550	6.253	20827231	122.2E6	14.693 17.344
10) B	gamma-Chl...	5.436	6.129	22178925	129.5E6	14.521 17.240
11) B	alpha-Chl...	5.495	6.201	22204379	129.4E6	14.750 17.573
12) B	4,4'-DDE	5.658	6.360	19930800	125.3E6	13.978 17.343
13) MA	Dieldrin	5.793	6.512	22265043	130.7E6	14.388 17.326
14) MA	Endrin	6.051	6.732	20654882	107.2E6	15.022 17.965
15) B	Endosulfa...	6.323	6.944	21255423	112.9E6	14.799 17.603
16) A	4,4'-DDD	6.173	6.855	18338317	106.6E6	14.385 17.069
17) MA	4,4'-DDT	6.414	7.152	20018084	104.5E6	14.544 17.152
18) B	Endrin al...	6.492	7.069	20176177	100.2E6	15.996 18.341
19) B	Endosulfa...	6.704	7.291	24357078	114.9E6	15.764 17.970
20) A	Methoxychlor	6.960	7.612	13296475	58596592	15.857 18.002
21) B	Endrin ke...	7.199	7.765	28651397	134.3E6	15.409 17.747
22)	Mirex	7.383	8.215	24100930	87039810	15.373 16.456
24)	Chlordane-2	0.000	5.506f	0	142.3E6	N.D. 505.661 #
25)	Chlordane-3	5.436	6.129	22178925	129.5E6	148.110 125.414
26)	Chlordane-4	5.495	6.201	22204379	129.4E6	179.224 107.240 #
27)	Chlordane-5	6.323	0.000	21255423	0	352.265 N.D. #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090821\
Data File : PD065626.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2021 15:47
Operator : AR\AJ
Sample : 12.5PPB PEST SPIKE
Misc :
ALS Vial : 9 Sample Multiplier: 1

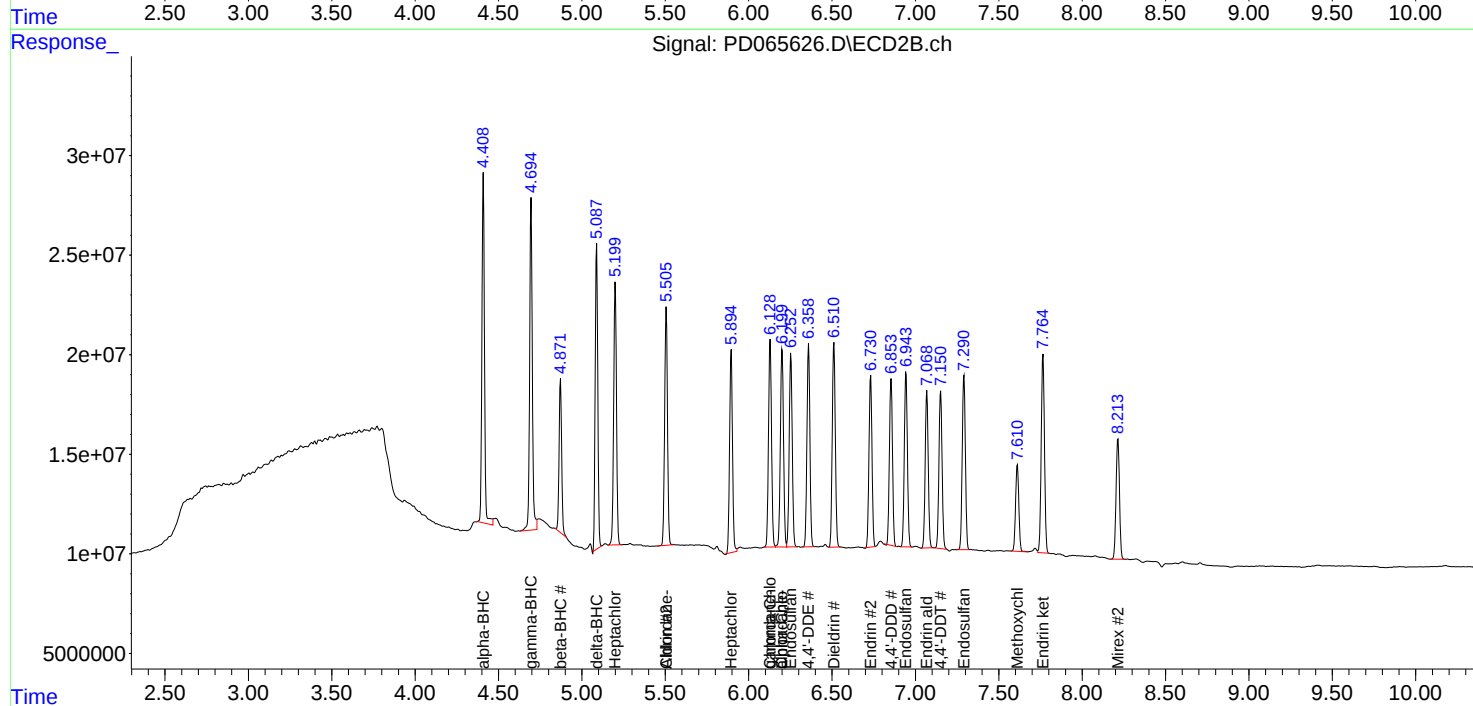
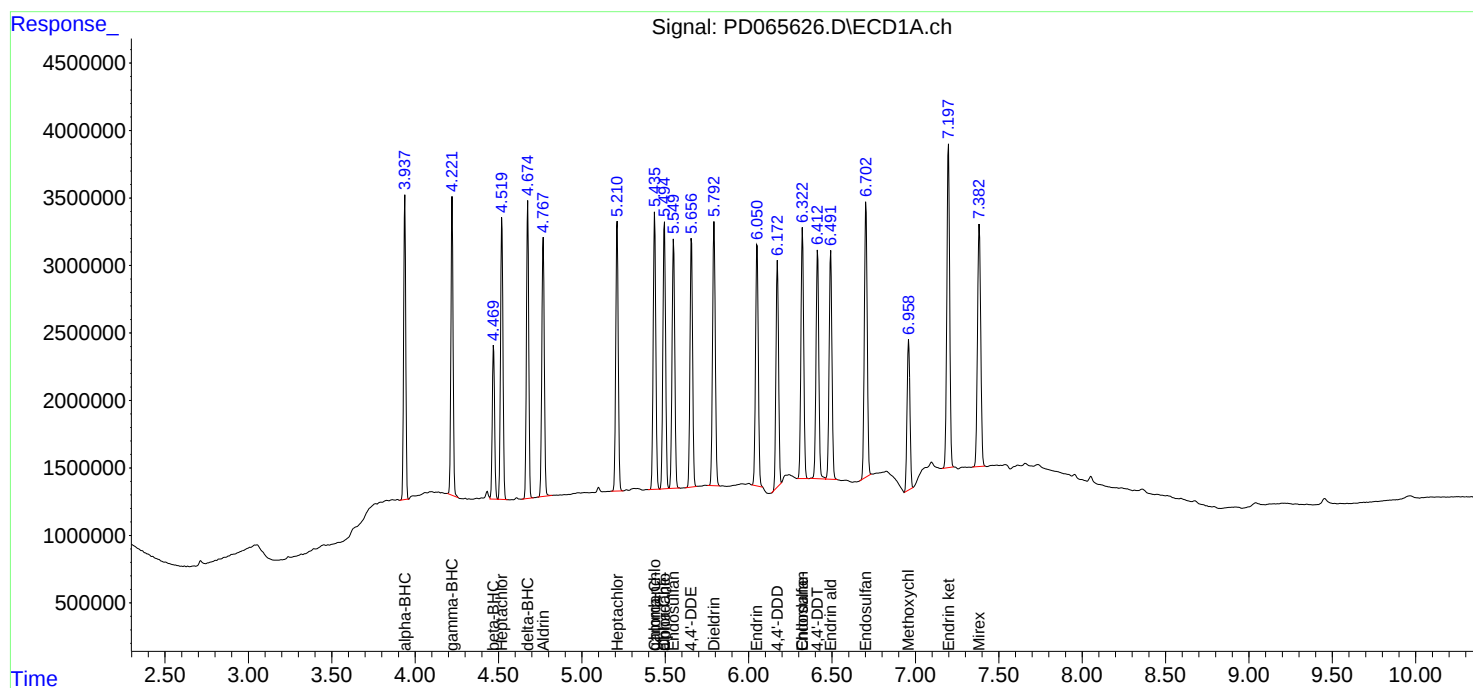
Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

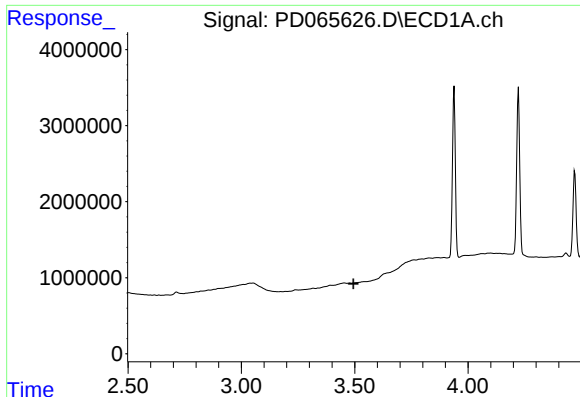
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 09:59:54 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Sat Sep 04 01:23:47 2021
Response via : Initial Calibration
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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





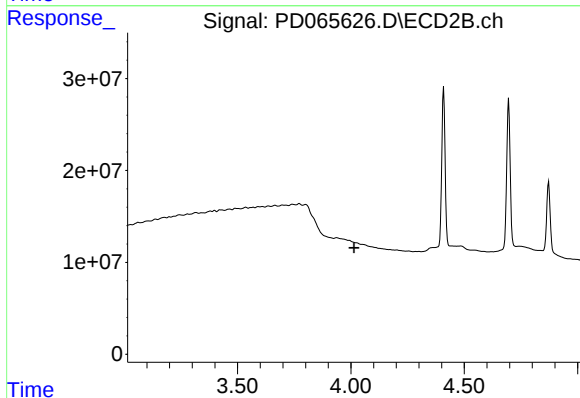
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 3.495 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

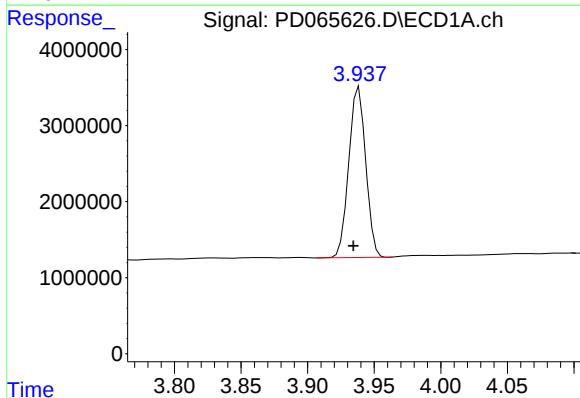
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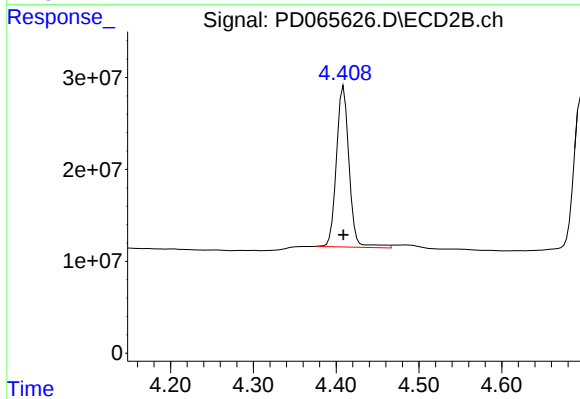
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 4.014 min
Response: 0
Conc: N.D.



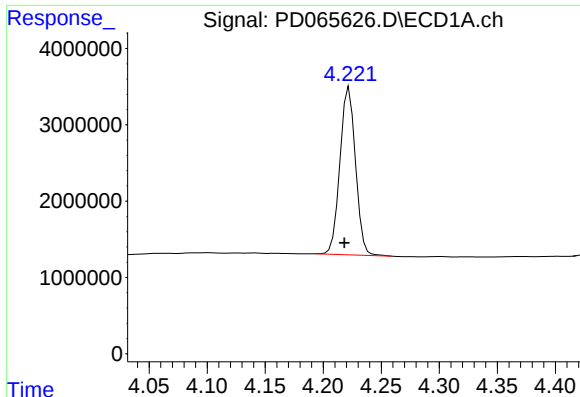
#2 alpha-BHC

R.T.: 3.939 min
Delta R.T.: 0.004 min
Response: 19846181
Conc: 13.78 ng/ml



#2 alpha-BHC

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 186845321
Conc: 17.66 ng/ml



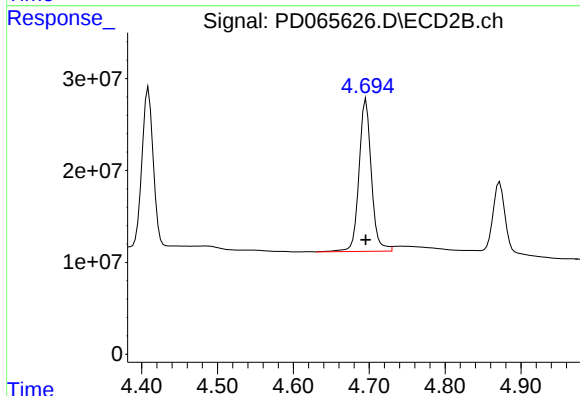
#3 gamma-BHC (Lindane)

R.T.: 4.222 min
Delta R.T.: 0.004 min
Response: 20411322
Conc: 14.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

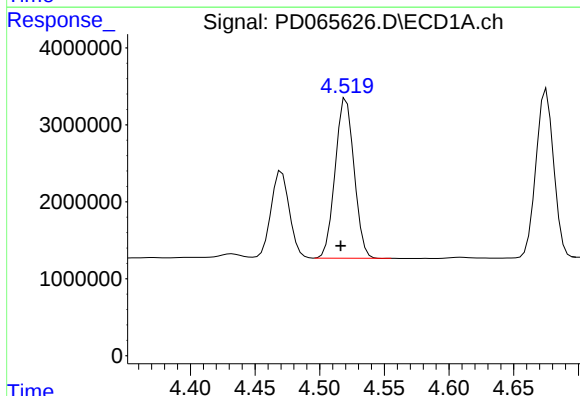
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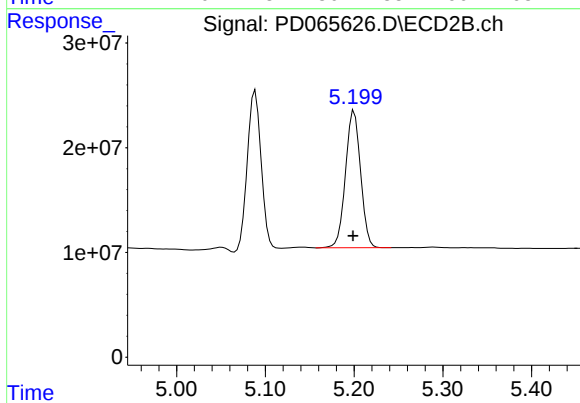
#3 gamma-BHC (Lindane)

R.T.: 4.696 min
Delta R.T.: 0.000 min
Response: 187564399
Conc: 19.03 ng/ml



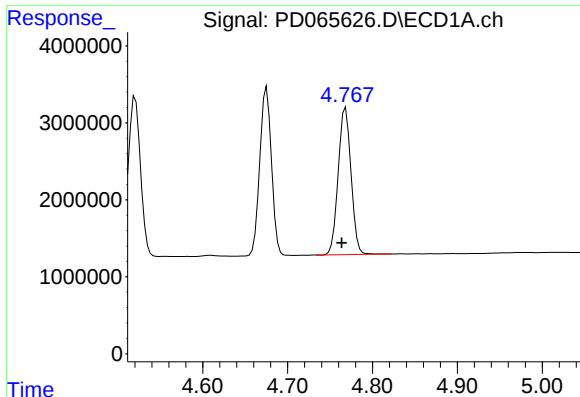
#4 Heptachlor

R.T.: 4.521 min
Delta R.T.: 0.004 min
Response: 21112805
Conc: 13.91 ng/ml



#4 Heptachlor

R.T.: 5.200 min
Delta R.T.: 0.001 min
Response: 154720616
Conc: 17.02 ng/ml



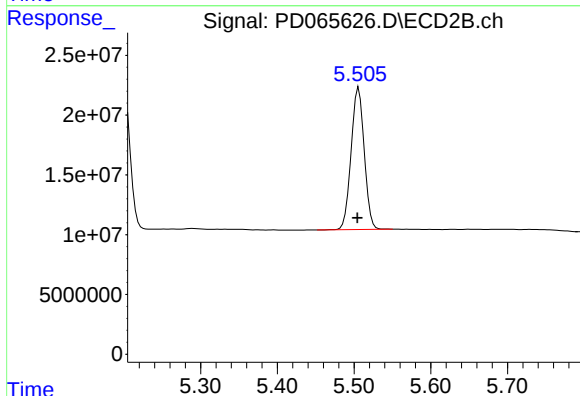
#5 Aldrin

R.T.: 4.769 min
Delta R.T.: 0.005 min
Response: 20029820
Conc: 14.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

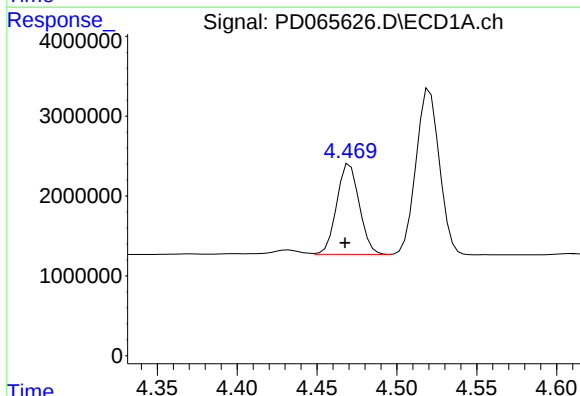
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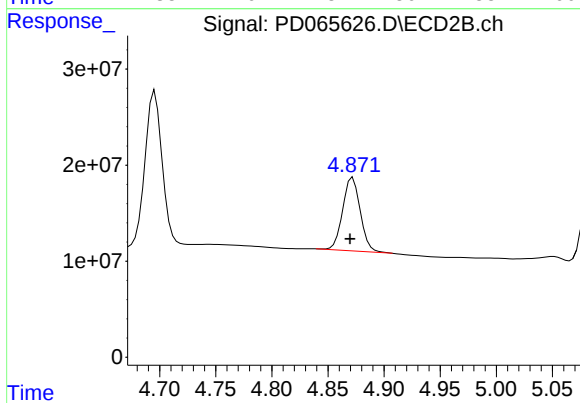
#5 Aldrin

R.T.: 5.506 min
Delta R.T.: 0.002 min
Response: 142321219
Conc: 16.87 ng/ml



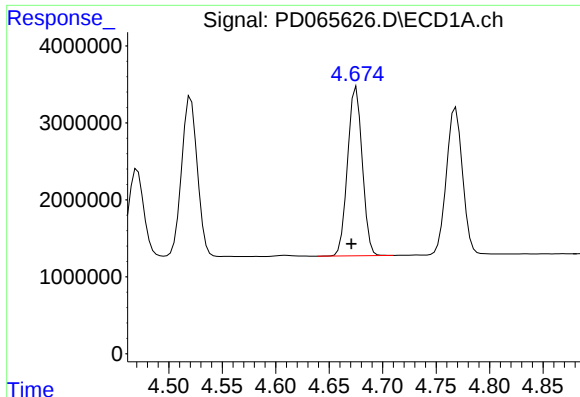
#6 beta-BHC

R.T.: 4.471 min
Delta R.T.: 0.003 min
Response: 11170452
Conc: 10.86 ng/ml



#6 beta-BHC

R.T.: 4.872 min
Delta R.T.: 0.002 min
Response: 83105417
Conc: 17.85 ng/ml



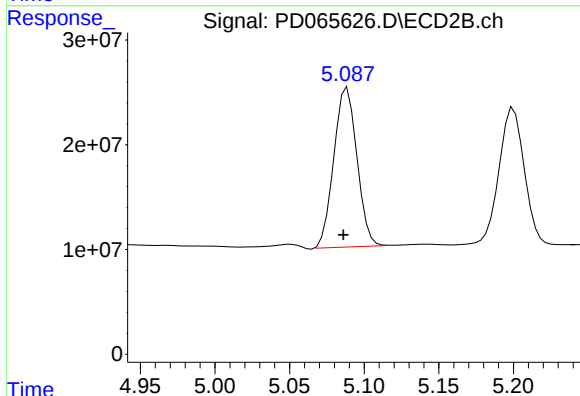
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.005 min
Response: 20986744
Conc: 14.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

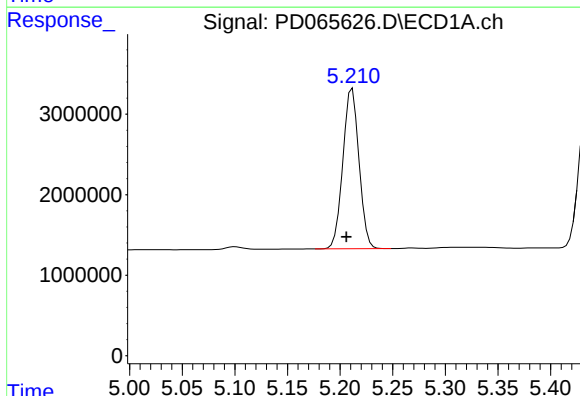
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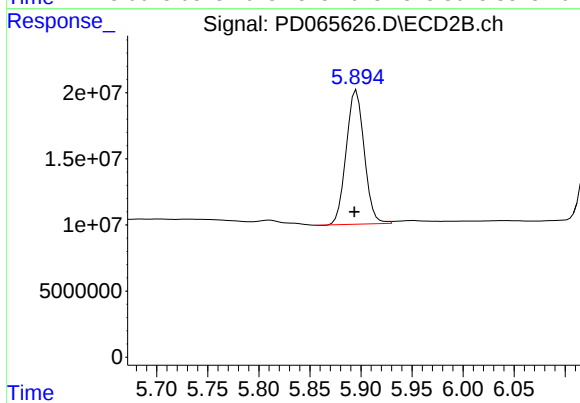
#7 delta-BHC

R.T.: 5.089 min
Delta R.T.: 0.003 min
Response: 164875165
Conc: 17.73 ng/ml



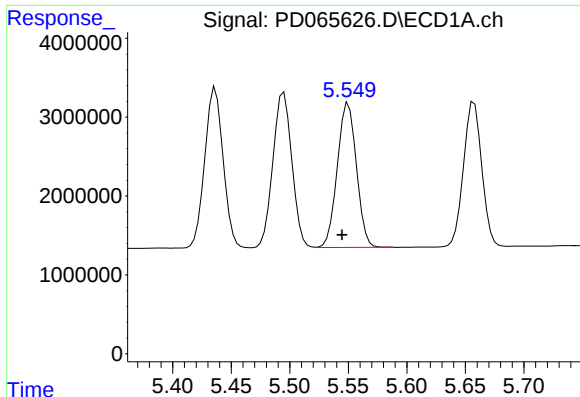
#8 Heptachlor epoxide

R.T.: 5.212 min
Delta R.T.: 0.005 min
Response: 21279637
Conc: 14.59 ng/ml



#8 Heptachlor epoxide

R.T.: 5.896 min
Delta R.T.: 0.002 min
Response: 124083625
Conc: 17.23 ng/ml



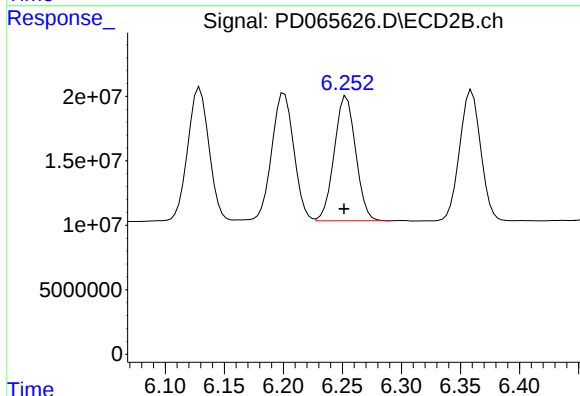
#9 Endosulfan I

R.T.: 5.550 min
Delta R.T.: 0.005 min
Response: 20827231
Conc: 14.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

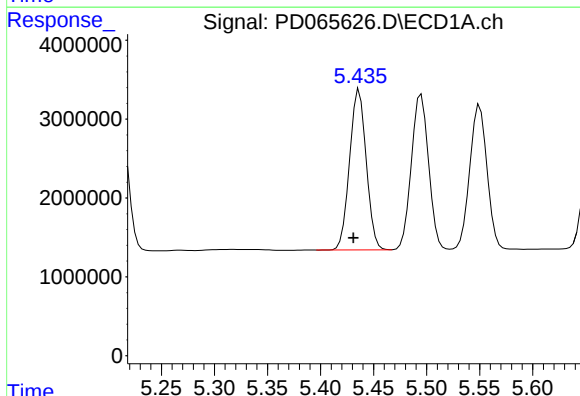
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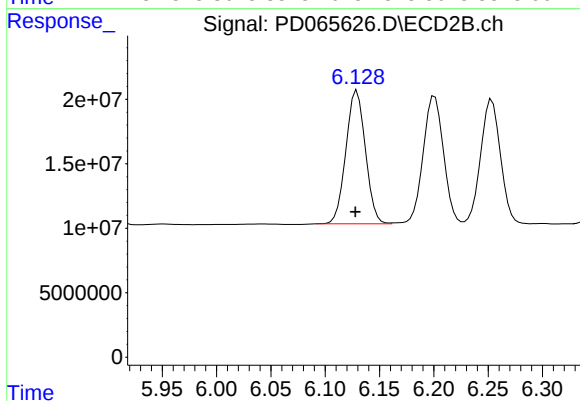
#9 Endosulfan I

R.T.: 6.253 min
Delta R.T.: 0.002 min
Response: 122154304
Conc: 17.34 ng/ml



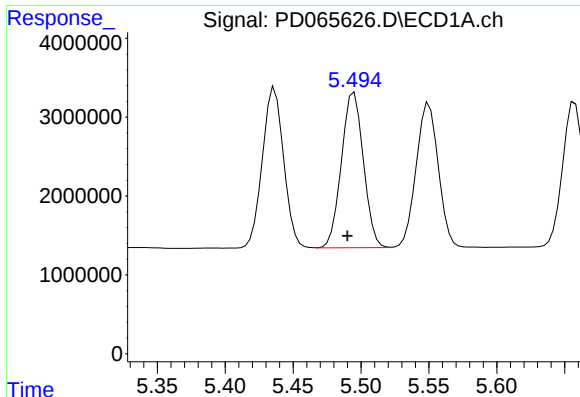
#10 gamma-Chlordane

R.T.: 5.436 min
Delta R.T.: 0.006 min
Response: 22178925
Conc: 14.52 ng/ml



#10 gamma-Chlordane

R.T.: 6.129 min
Delta R.T.: 0.002 min
Response: 129459998
Conc: 17.24 ng/ml



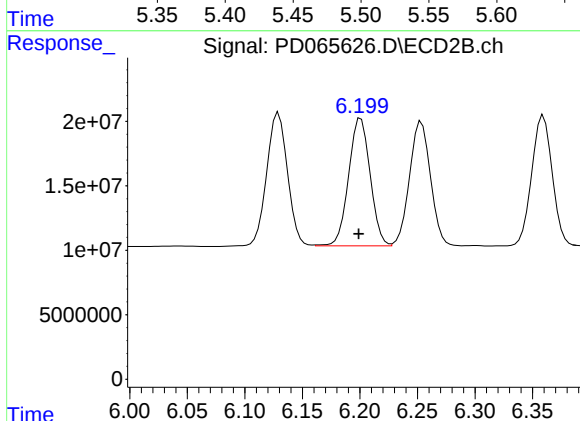
#11 alpha-Chlordane

R.T.: 5.495 min
Delta R.T.: 0.005 min
Response: 22204379
Conc: 14.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

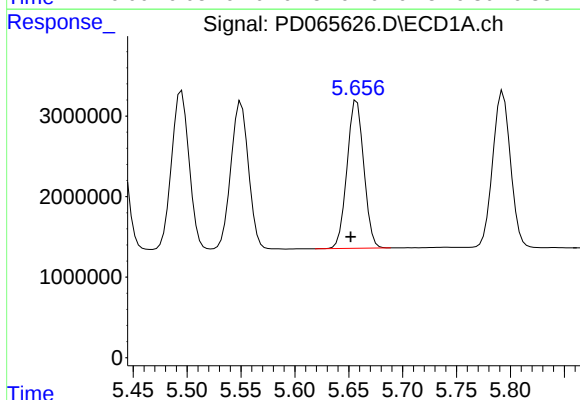
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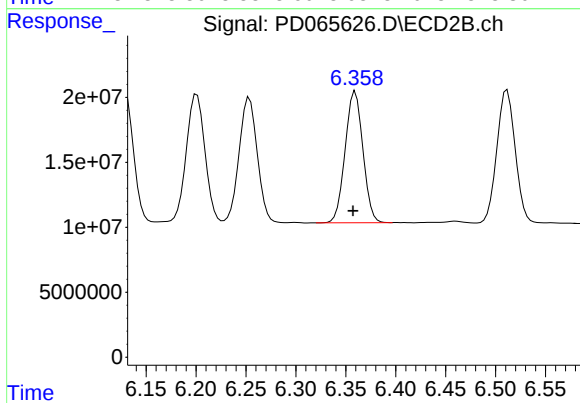
#11 alpha-Chlordane

R.T.: 6.201 min
Delta R.T.: 0.002 min
Response: 129423706
Conc: 17.57 ng/ml



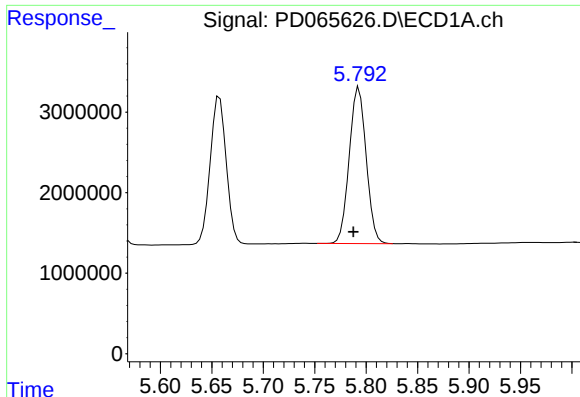
#12 4,4'-DDE

R.T.: 5.658 min
Delta R.T.: 0.006 min
Response: 19930800
Conc: 13.98 ng/ml



#12 4,4'-DDE

R.T.: 6.360 min
Delta R.T.: 0.002 min
Response: 125301849
Conc: 17.34 ng/ml



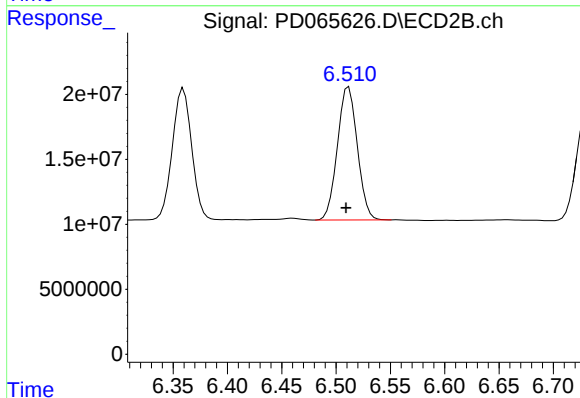
#13 Dieldrin

R.T.: 5.793 min
Delta R.T.: 0.005 min
Response: 22265043
Conc: 14.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

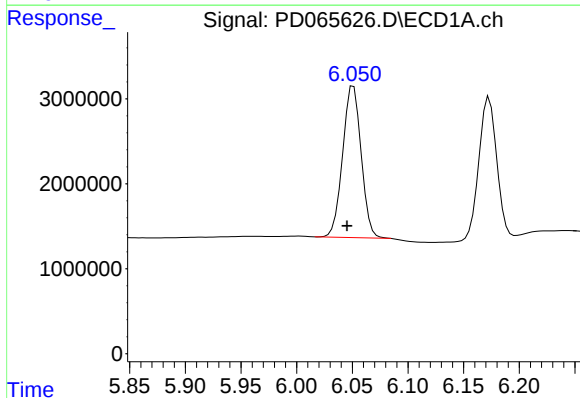
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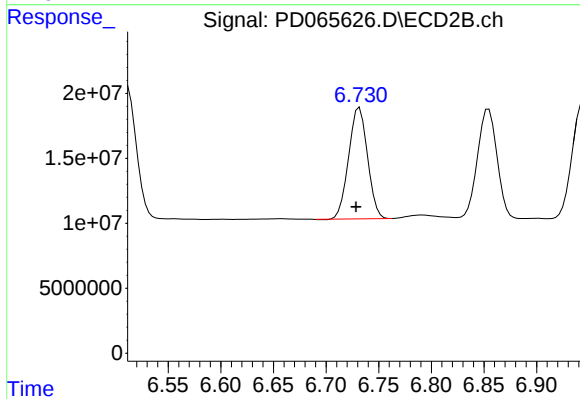
#13 Dieldrin

R.T.: 6.512 min
Delta R.T.: 0.002 min
Response: 130711526
Conc: 17.33 ng/ml



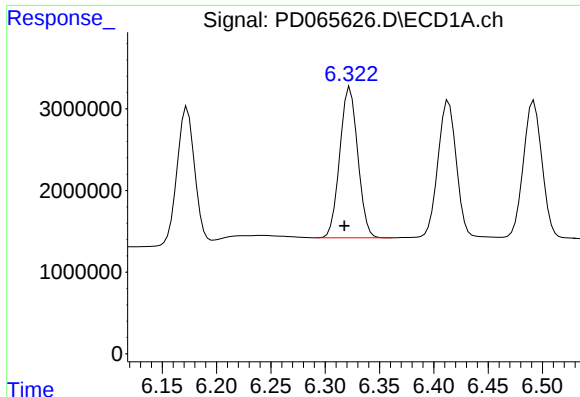
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.006 min
Response: 20654882
Conc: 15.02 ng/ml



#14 Endrin

R.T.: 6.732 min
Delta R.T.: 0.003 min
Response: 107170072
Conc: 17.97 ng/ml



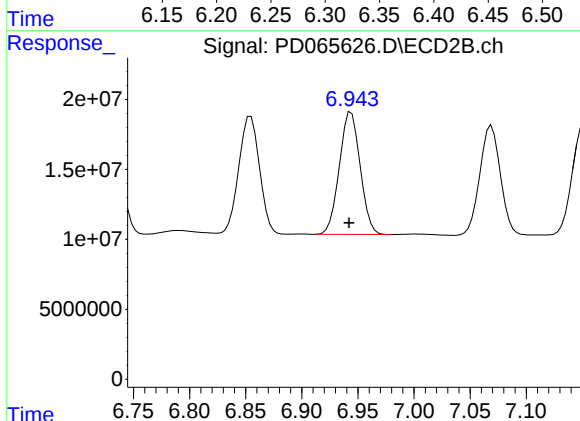
#15 Endosulfan II

R.T.: 6.323 min
Delta R.T.: 0.005 min
Response: 21255423
Conc: 14.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

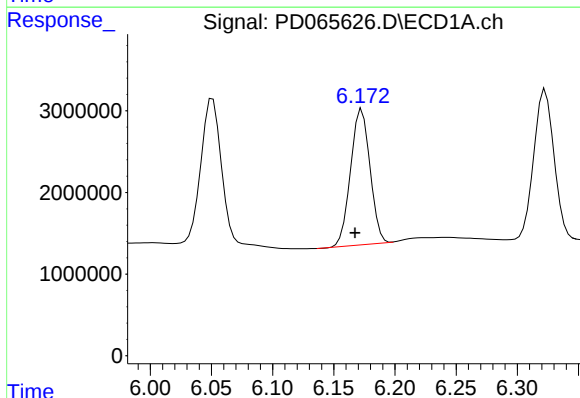
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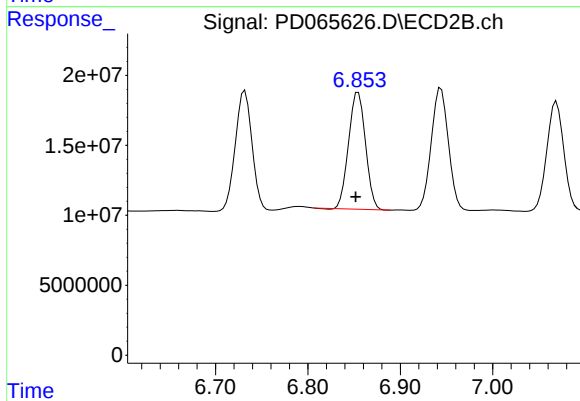
#15 Endosulfan II

R.T.: 6.944 min
Delta R.T.: 0.002 min
Response: 112854059
Conc: 17.60 ng/ml



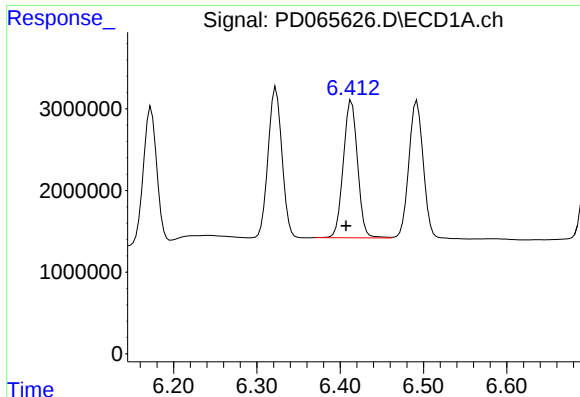
#16 4,4'-DDD

R.T.: 6.173 min
Delta R.T.: 0.006 min
Response: 18338317
Conc: 14.38 ng/ml



#16 4,4'-DDD

R.T.: 6.855 min
Delta R.T.: 0.003 min
Response: 106553950
Conc: 17.07 ng/ml



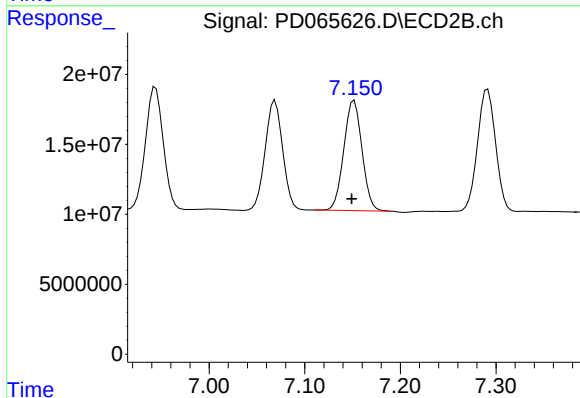
#17 4,4'-DDT

R.T.: 6.414 min
Delta R.T.: 0.006 min
Response: 20018084
Conc: 14.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

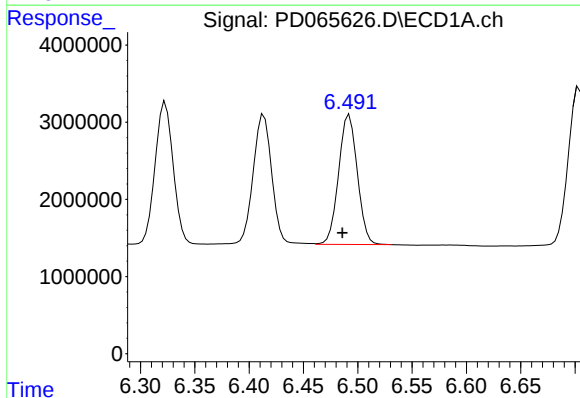
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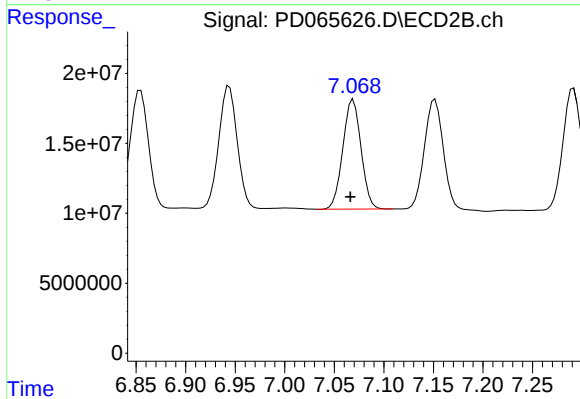
#17 4,4'-DDT

R.T.: 7.152 min
Delta R.T.: 0.003 min
Response: 104477899
Conc: 17.15 ng/ml



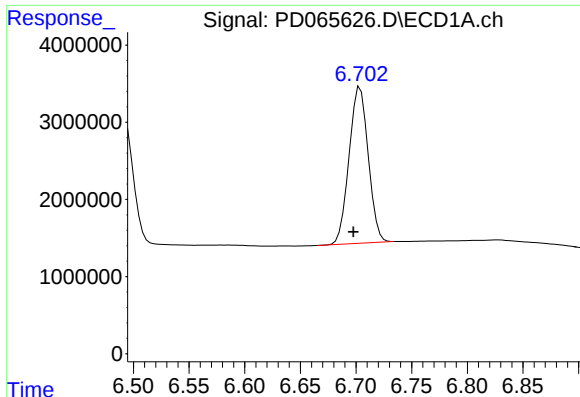
#18 Endrin aldehyde

R.T.: 6.492 min
Delta R.T.: 0.006 min
Response: 20176177
Conc: 16.00 ng/ml



#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: 0.003 min
Response: 100203872
Conc: 18.34 ng/ml



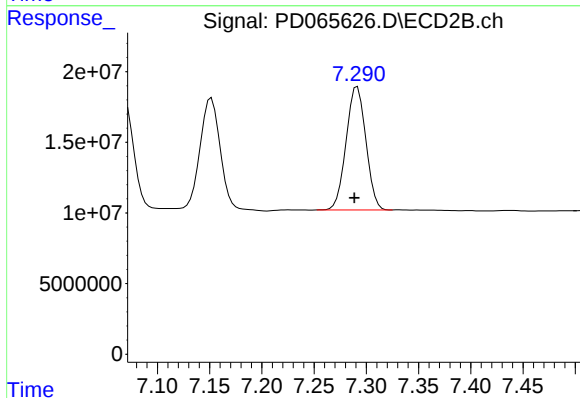
#19 Endosulfan Sulfate

R.T.: 6.704 min
Delta R.T.: 0.006 min
Response: 24357078
Conc: 15.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

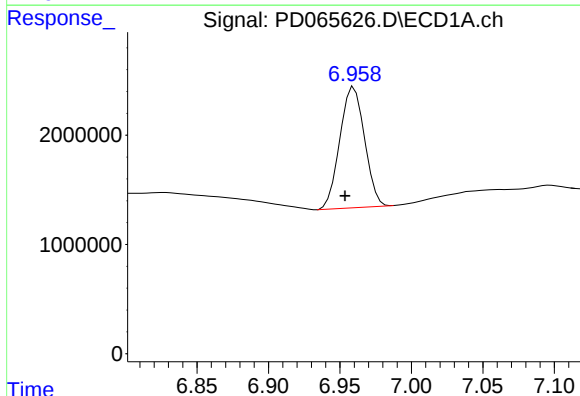
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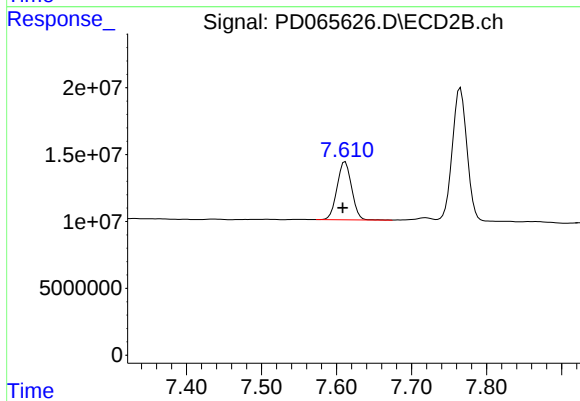
#19 Endosulfan Sulfate

R.T.: 7.291 min
Delta R.T.: 0.003 min
Response: 114876585
Conc: 17.97 ng/ml



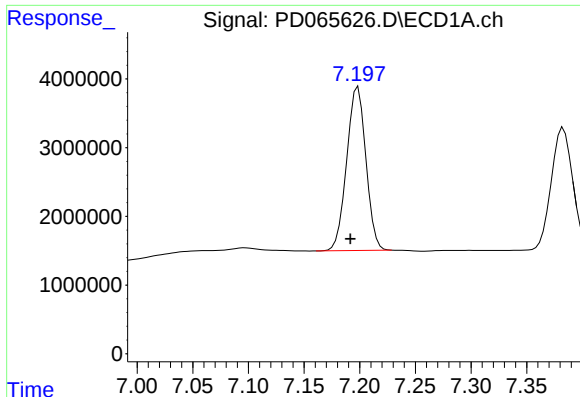
#20 Methoxychlor

R.T.: 6.960 min
Delta R.T.: 0.007 min
Response: 13296475
Conc: 15.86 ng/ml



#20 Methoxychlor

R.T.: 7.612 min
Delta R.T.: 0.003 min
Response: 58596592
Conc: 18.00 ng/ml



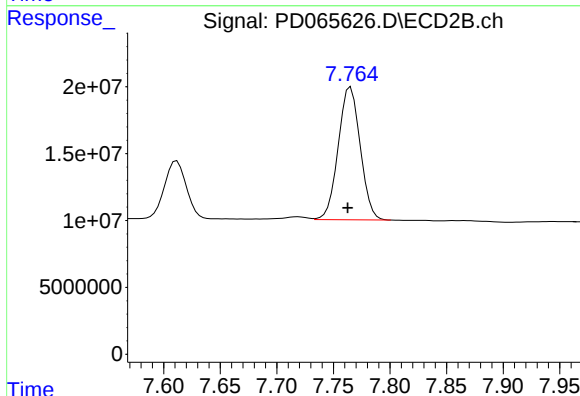
#21 Endrin ketone

R.T.: 7.199 min
Delta R.T.: 0.007 min
Response: 28651397
Conc: 15.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

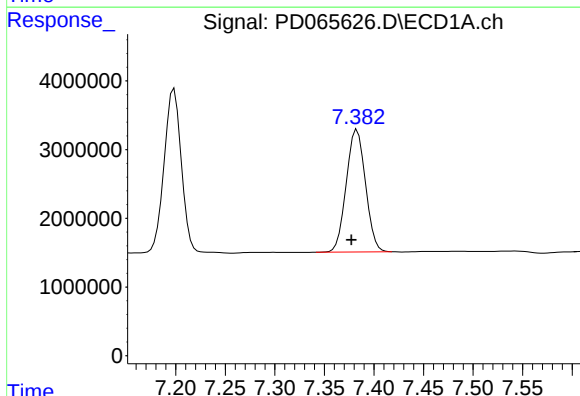
Manual Integrations
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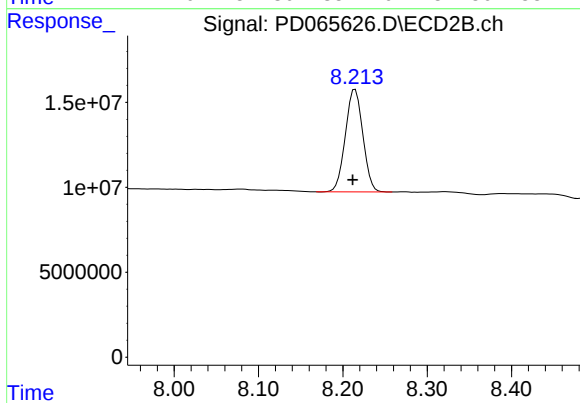
#21 Endrin ketone

R.T.: 7.765 min
Delta R.T.: 0.003 min
Response: 134255271
Conc: 17.75 ng/ml



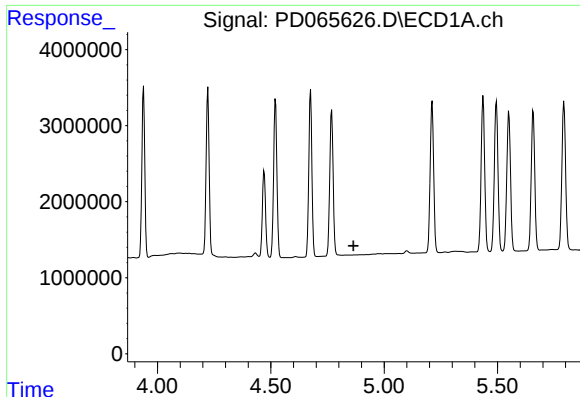
#22 Mirex

R.T.: 7.383 min
Delta R.T.: 0.006 min
Response: 24100930
Conc: 15.37 ng/ml



#22 Mirex

R.T.: 8.215 min
Delta R.T.: 0.003 min
Response: 87039810
Conc: 16.46 ng/ml



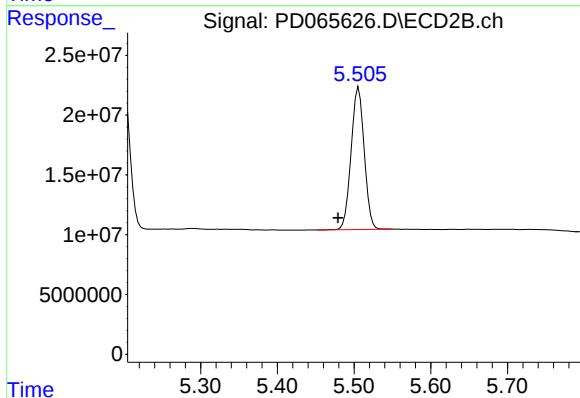
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 4.865 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

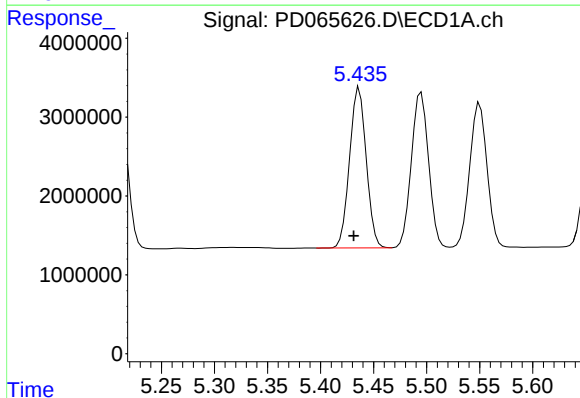
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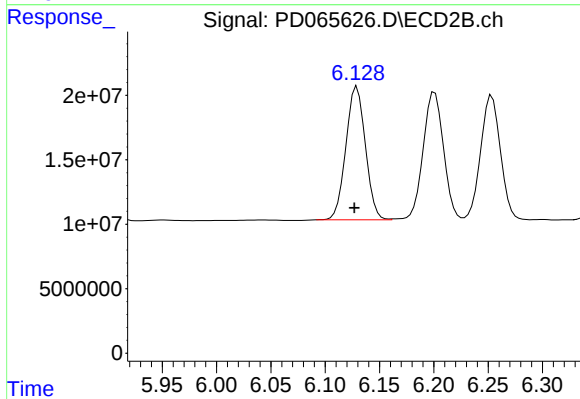
#24 Chlordane-2

R.T.: 5.506 min
Delta R.T.: 0.027 min
Response: 142321219
Conc: 505.66 ng/ml



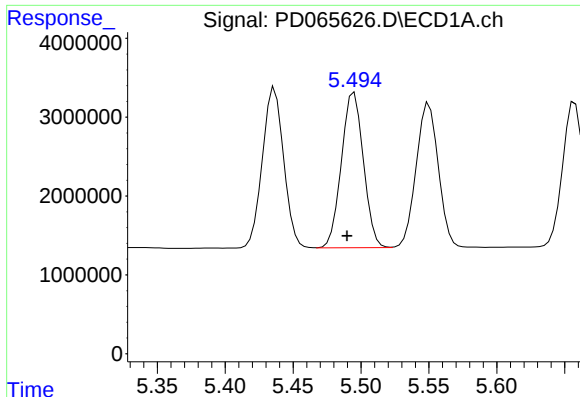
#25 Chlordane-3

R.T.: 5.436 min
Delta R.T.: 0.005 min
Response: 22178925
Conc: 148.11 ng/ml



#25 Chlordane-3

R.T.: 6.129 min
Delta R.T.: 0.003 min
Response: 129459998
Conc: 125.41 ng/ml



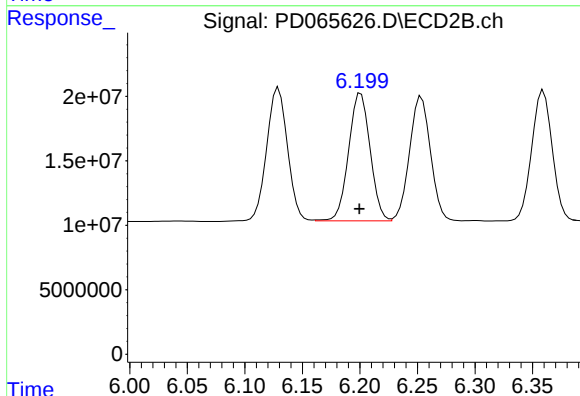
#26 Chlordane-4

R.T.: 5.495 min
Delta R.T.: 0.005 min
Response: 22204379
Conc: 179.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

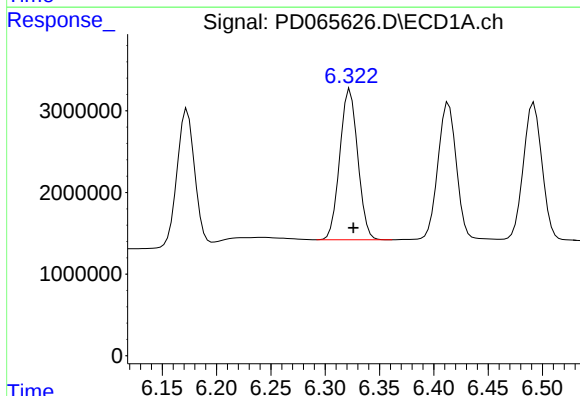
Manual Integrations
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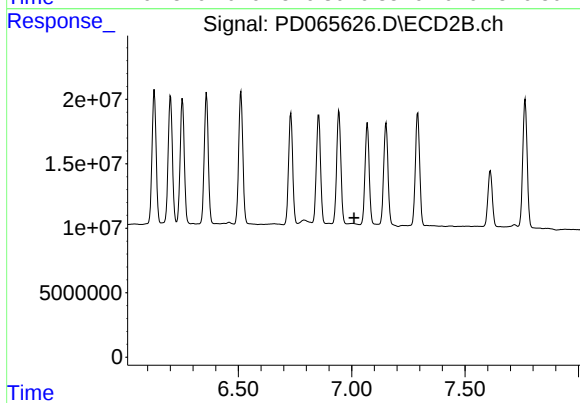
#26 Chlordane-4

R.T.: 6.201 min
Delta R.T.: 0.001 min
Response: 129423706
Conc: 107.24 ng/ml



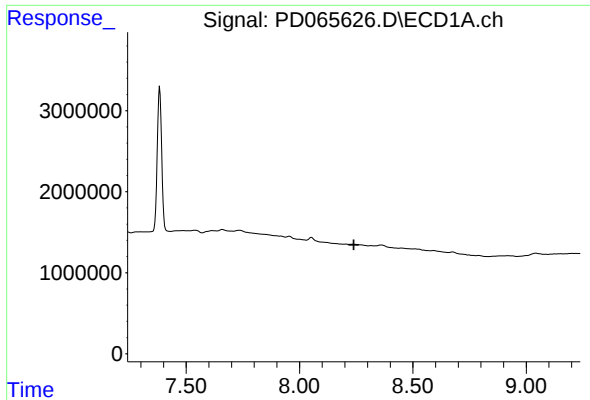
#27 Chlordane-5

R.T.: 6.323 min
Delta R.T.: -0.003 min
Response: 21255423
Conc: 352.26 ng/ml



#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 7.010 min
Response: 0
Conc: N.D.



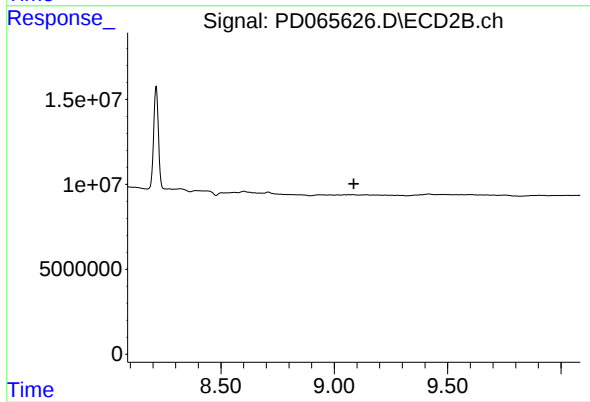
#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.239 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
12.5PPB PEST SPIKE

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 9.086 min
Response: 0
Conc: N.D.