

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090721\
 Data File : PD065588.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2021 14:28
 Operator : AR\AJ
 Sample : PB138924BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleID :
 PB138924BS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 15:32:57 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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.496	4.014	16696513	134.6E6	17.037	18.367
28)	SA Decachlor...	8.240	9.086	24662186	83608458	14.305	15.669
Target Compounds							
2)	A alpha-BHC	3.935	4.409	15756448	130.7E6	10.937	12.352
3)	MA gamma-BHC...	4.219	4.695	16041563	119.4E6	11.114	12.113
4)	MA Heptachlor	4.517	5.199	17038099	108.6E6	11.226	11.940
5)	MB Aldrin	4.765	5.504	15733675	100.2E6	11.010	11.878
6)	B beta-BHC	4.467	4.871	9095673	60538885	7.588	13.004 #
7)	B delta-BHC	4.671	5.087	15889600	114.6E6	10.655	12.322
8)	B Heptachlo...	5.207	5.894	16522600	90047207	11.328	12.503
9)	A Endosulfan I	5.545	6.252	15963368	86386284	11.262	12.266
10)	B gamma-Chl...	5.432	6.128	17123237	91932548	11.211	12.242
11)	B alpha-Chl...	5.491	6.199	17024443	90900792	11.309	12.342
12)	B 4,4'-DDE	5.653	6.358	14816634	86100261	10.391	11.917
13)	MA Dieldrin	5.789	6.510	16568269	89689384	10.707	11.888
14)	MA Endrin	6.046	6.729	14628130	69885168	10.639	11.715
15)	B Endosulfa...	6.318	6.943	15988238	76225724	11.132	11.890
16)	A 4,4'-DDD	6.168	6.852	13224912	73338332	10.374	11.748
17)	MA 4,4'-DDT	6.408	7.149	14417266	65507450	10.475	10.754
18)	B Endrin al...	6.487	7.067	14545530	64257990	11.532	11.761
19)	B Endosulfa...	6.698	7.289	17351305	73220919	11.230	11.454
20)	A Methoxychlor	6.955	7.609	8934568	36181108	10.655	11.115
21)	B Endrin ke...	7.193	7.763	19174447	84250992	10.312	11.137
22)	Mirex	7.378	8.211	17631579	50725810	11.247	9.591m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090721\
Data File : PD065588.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Sep 2021 14:28
Operator : AR\AJ
Sample : PB138924BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

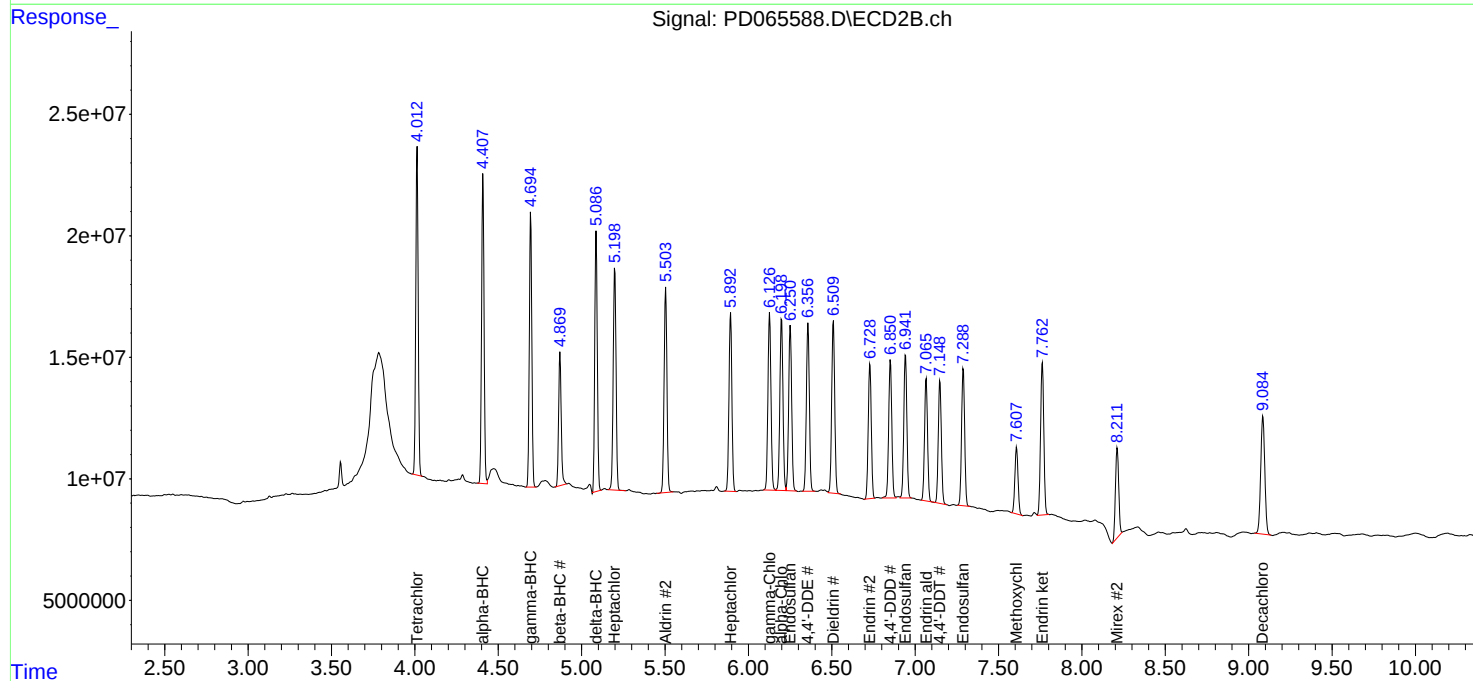
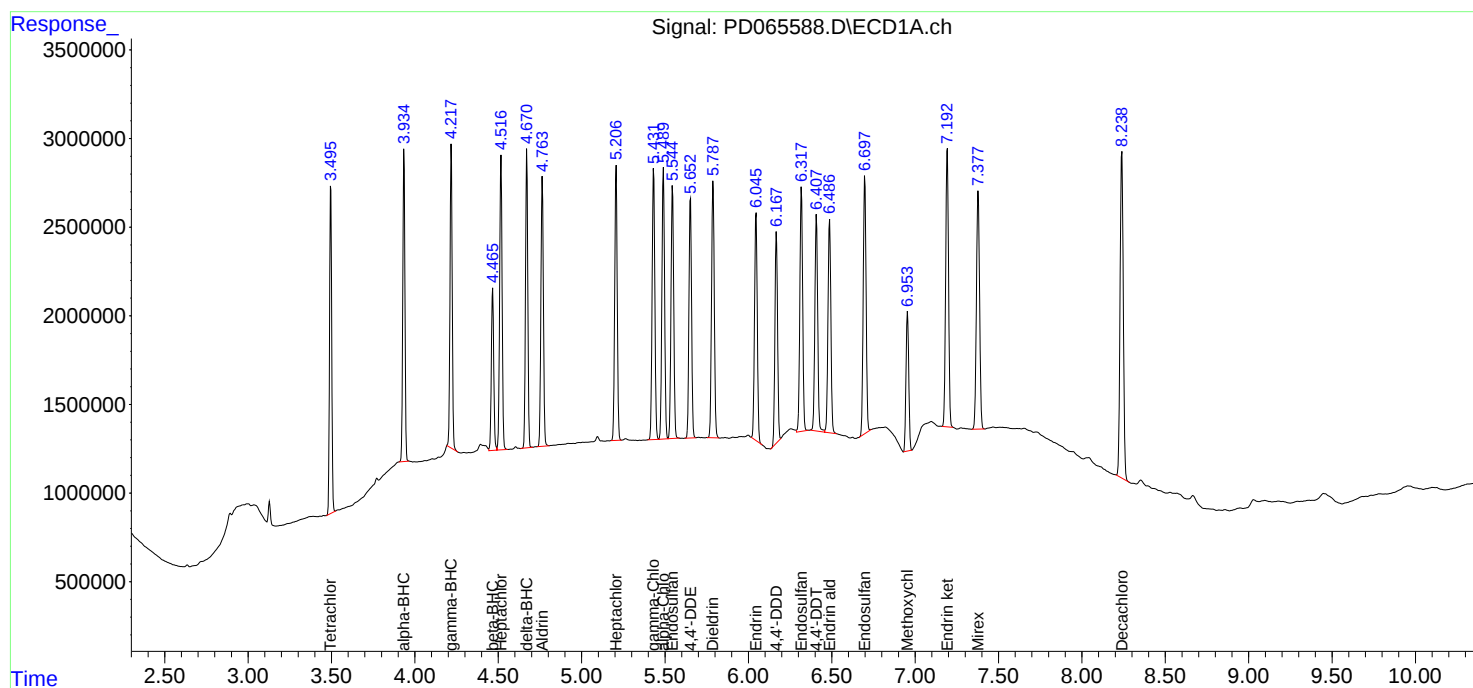
Instrument :
ECD_D
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PB138924BS

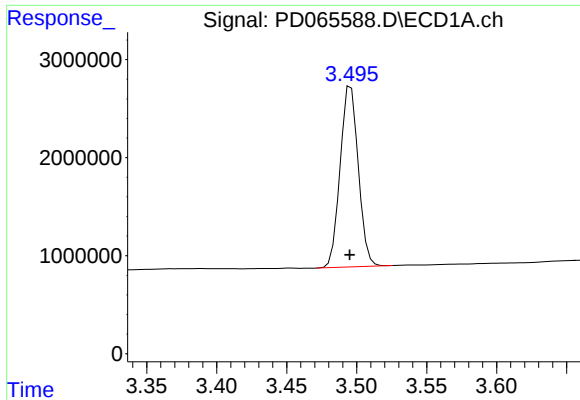
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 15:32:57 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Sat Sep 04 01:23:47 2021
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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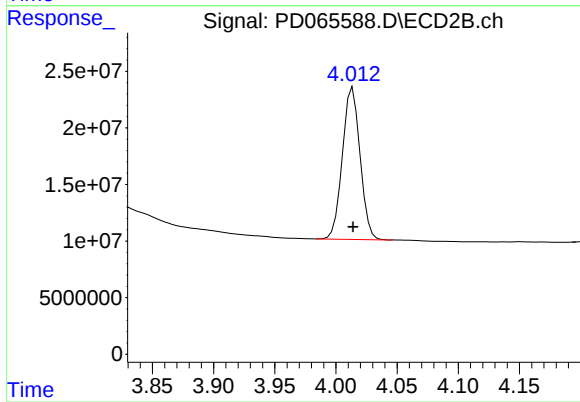
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 16696513
Conc: 17.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138924BS

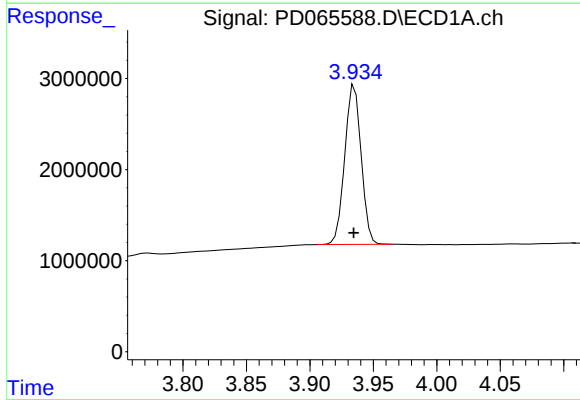
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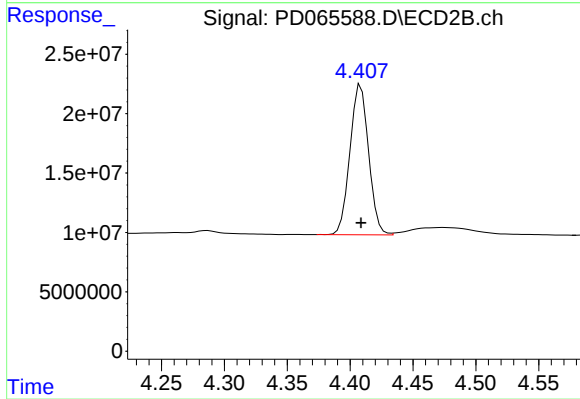
#1 Tetrachloro-m-xylene

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 134621401
Conc: 18.37 ng/ml



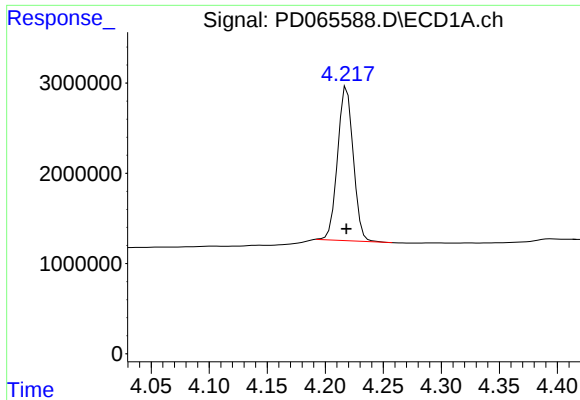
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 15756448
Conc: 10.94 ng/ml



#2 alpha-BHC

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 130662371
Conc: 12.35 ng/ml



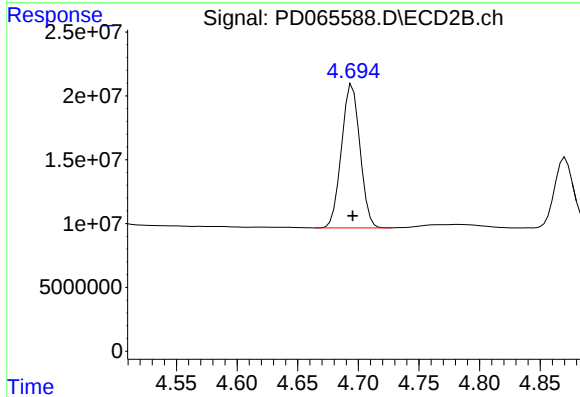
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 16041563
Conc: 11.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138924BS

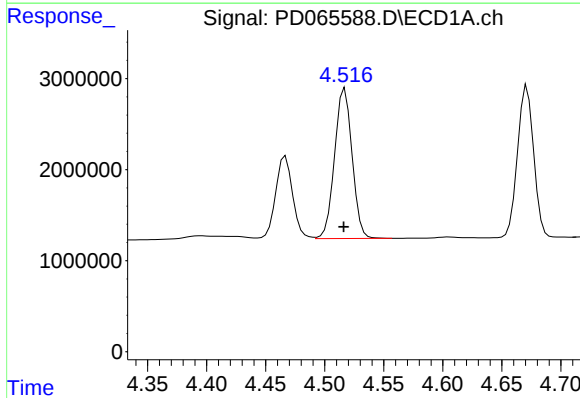
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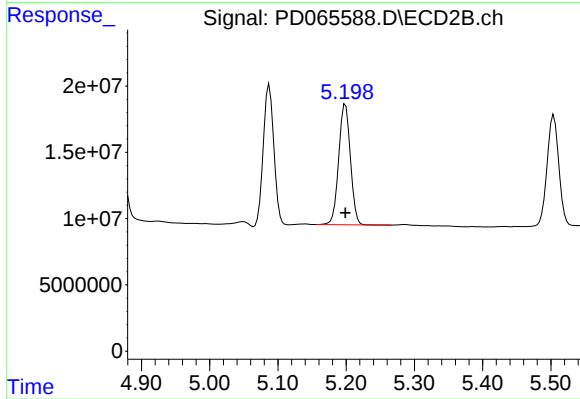
#3 gamma-BHC (Lindane)

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 119361843
Conc: 12.11 ng/ml



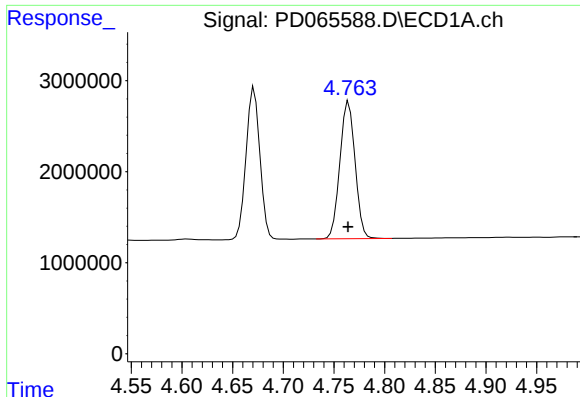
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 17038099
Conc: 11.23 ng/ml



#4 Heptachlor

R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 108562916
Conc: 11.94 ng/ml



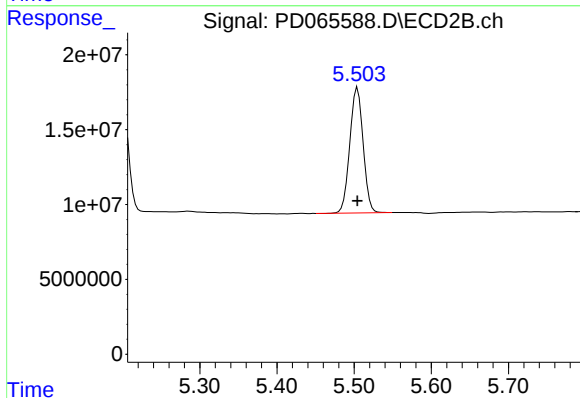
#5 Aldrin

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 15733675
Conc: 11.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138924BS

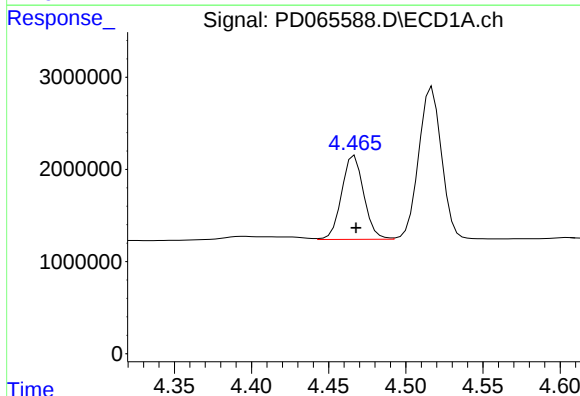
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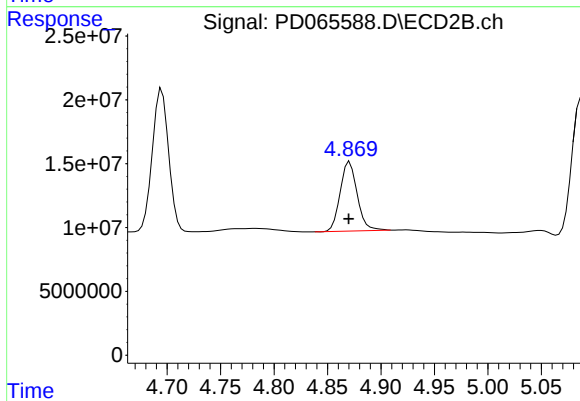
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 100211300
Conc: 11.88 ng/ml



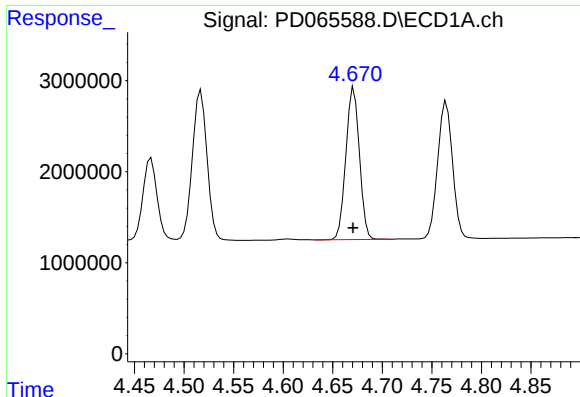
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 9095673
Conc: 7.59 ng/ml



#6 beta-BHC

R.T.: 4.871 min
Delta R.T.: 0.001 min
Response: 60538885
Conc: 13.00 ng/ml



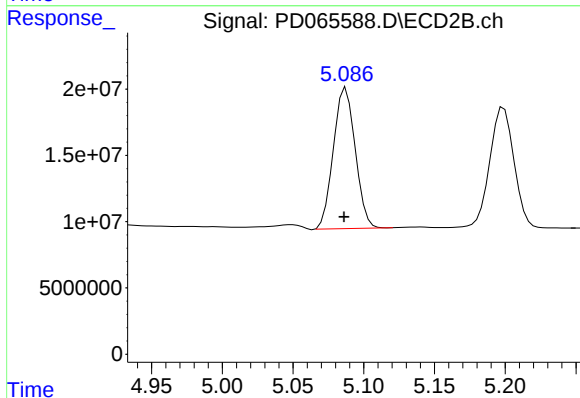
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 15889600
Conc: 10.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138924BS

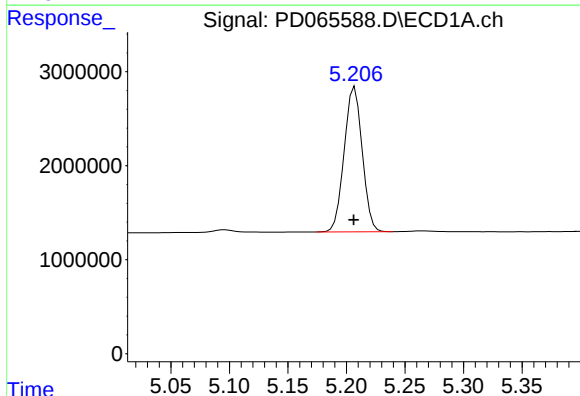
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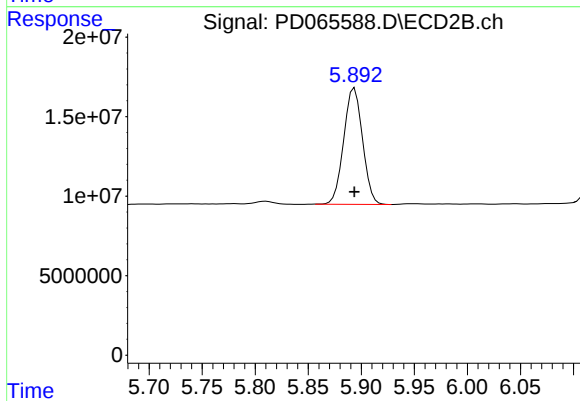
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.001 min
Response: 114566887
Conc: 12.32 ng/ml



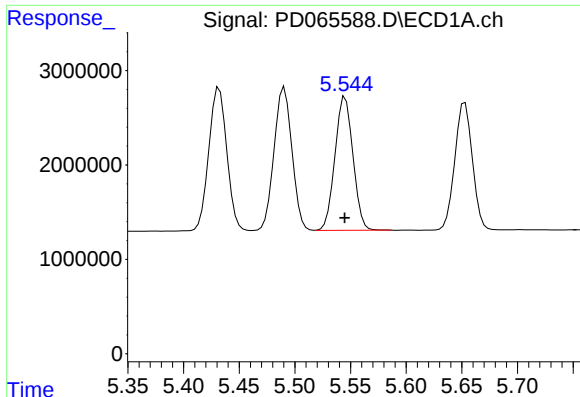
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.001 min
Response: 16522600
Conc: 11.33 ng/ml



#8 Heptachlor epoxide

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 90047207
Conc: 12.50 ng/ml



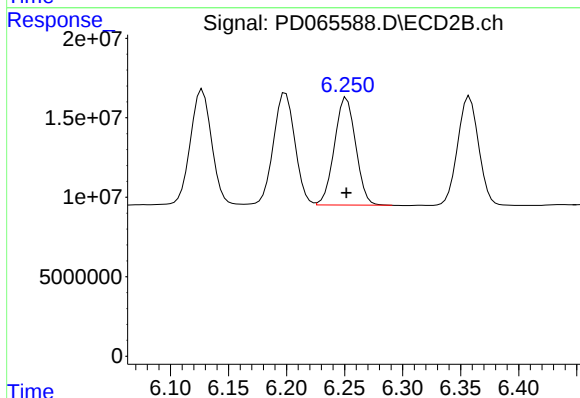
#9 Endosulfan I

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 15963368
Conc: 11.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138924BS

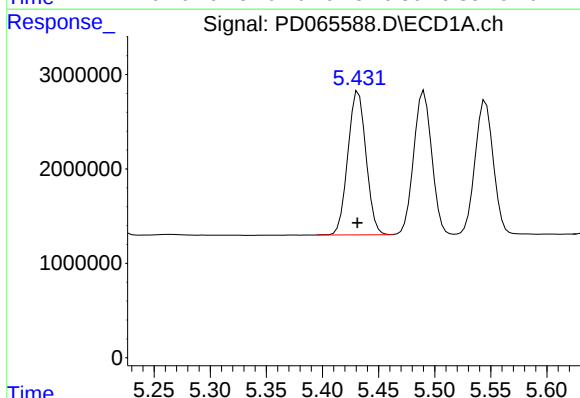
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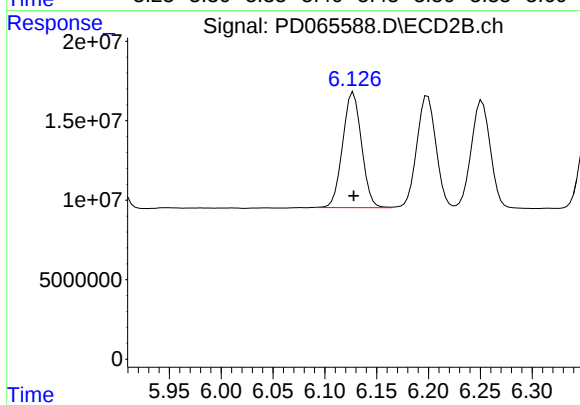
#9 Endosulfan I

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 86386284
Conc: 12.27 ng/ml



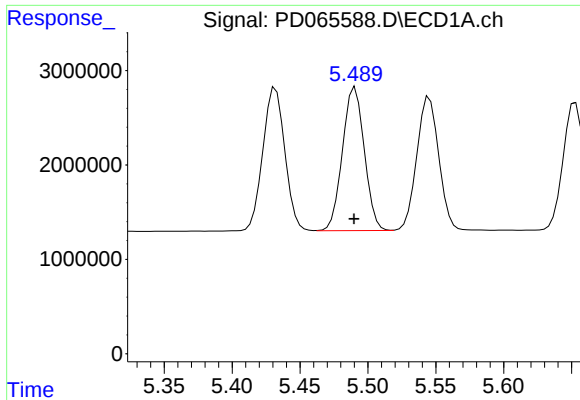
#10 gamma-Chlordane

R.T.: 5.432 min
Delta R.T.: 0.001 min
Response: 17123237
Conc: 11.21 ng/ml



#10 gamma-Chlordane

R.T.: 6.128 min
Delta R.T.: 0.000 min
Response: 91932548
Conc: 12.24 ng/ml



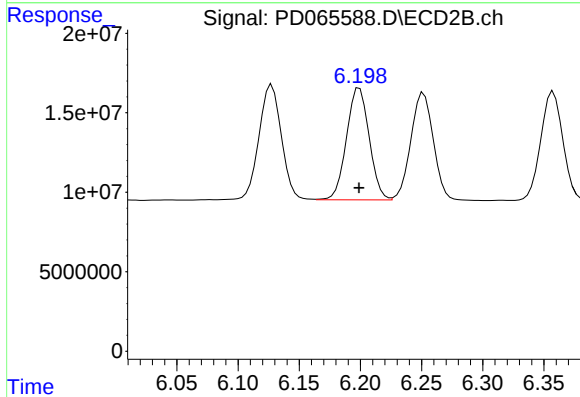
#11 alpha-Chlordane

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 17024443
Conc: 11.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138924BS

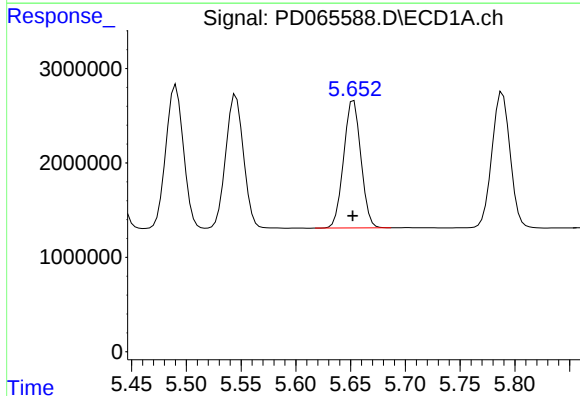
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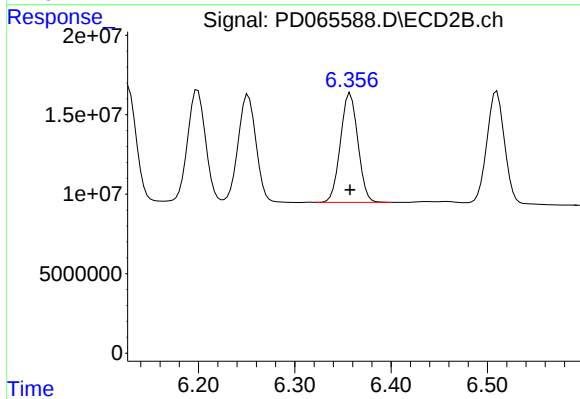
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 90900792
Conc: 12.34 ng/ml



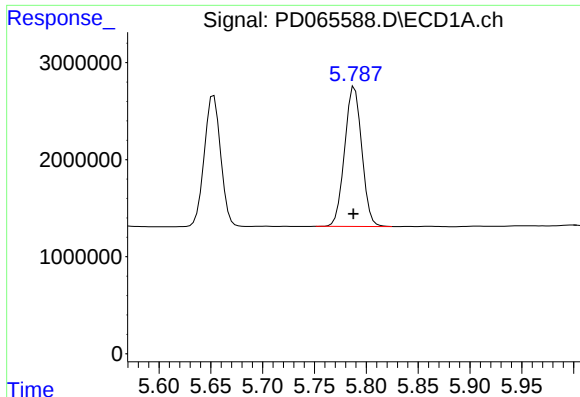
#12 4,4'-DDE

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 14816634
Conc: 10.39 ng/ml



#12 4,4'-DDE

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 86100261
Conc: 11.92 ng/ml



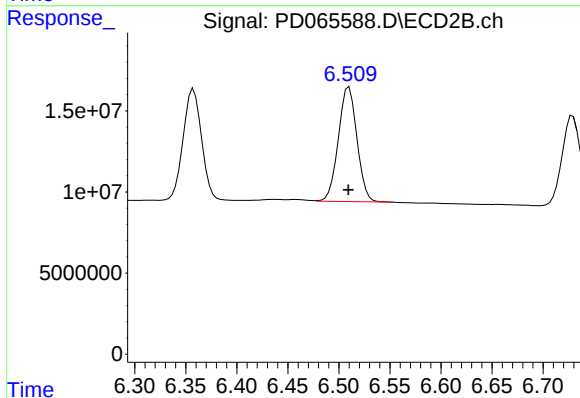
#13 Dieldrin

R.T.: 5.789 min
Delta R.T.: 0.001 min
Response: 16568269
Conc: 10.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138924BS

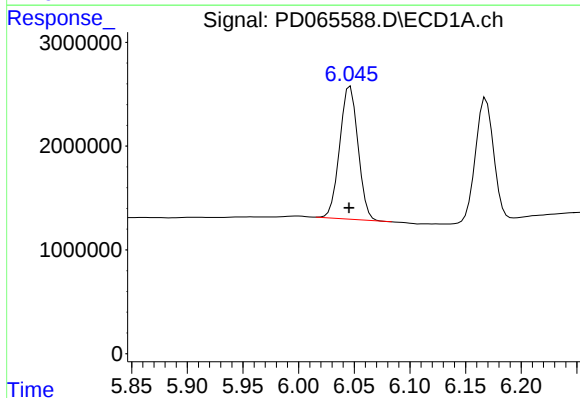
Manual Integrations
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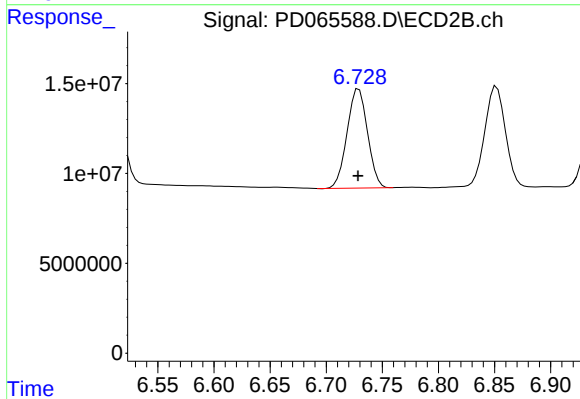
#13 Dieldrin

R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 89689384
Conc: 11.89 ng/ml



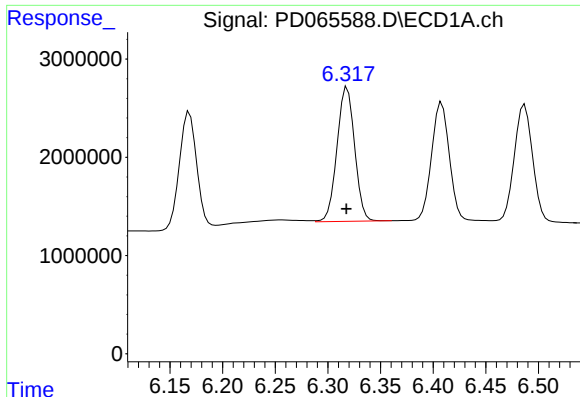
#14 Endrin

R.T.: 6.046 min
Delta R.T.: 0.001 min
Response: 14628130
Conc: 10.64 ng/ml



#14 Endrin

R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 69885168
Conc: 11.72 ng/ml



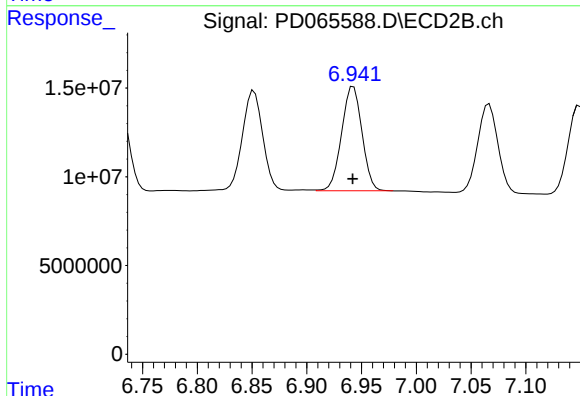
#15 Endosulfan II

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 15988238
Conc: 11.13 ng/ml

Instrument :
ECD_D
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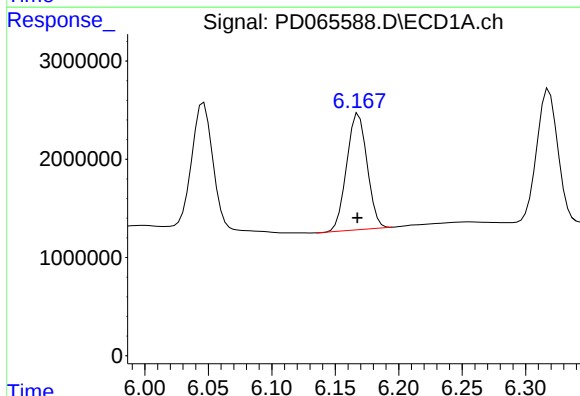
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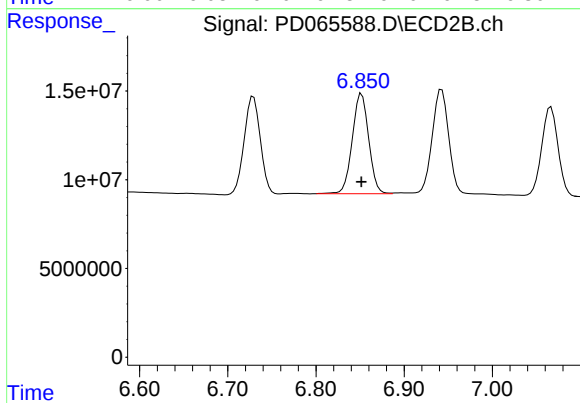
#15 Endosulfan II

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 76225724
Conc: 11.89 ng/ml



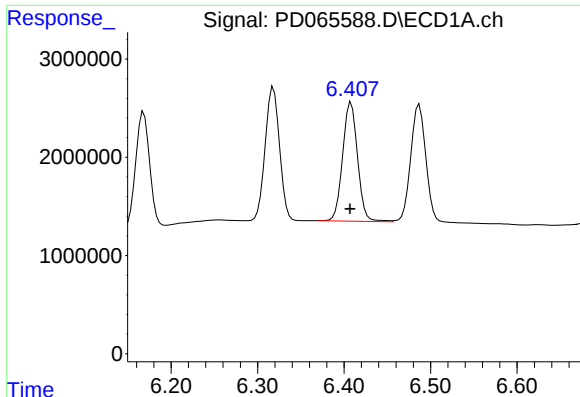
#16 4,4'-DDD

R.T.: 6.168 min
Delta R.T.: 0.001 min
Response: 13224912
Conc: 10.37 ng/ml



#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 73338332
Conc: 11.75 ng/ml



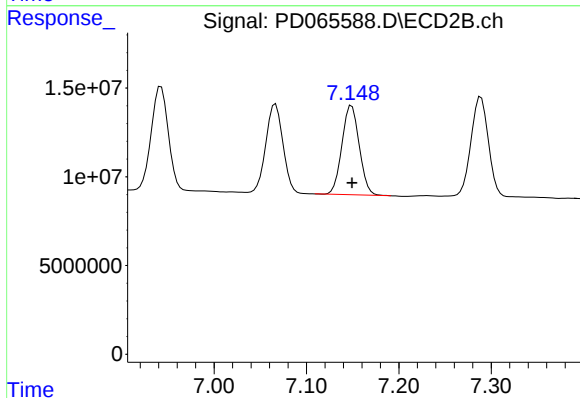
#17 4,4'-DDT

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 14417266
Conc: 10.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138924BS

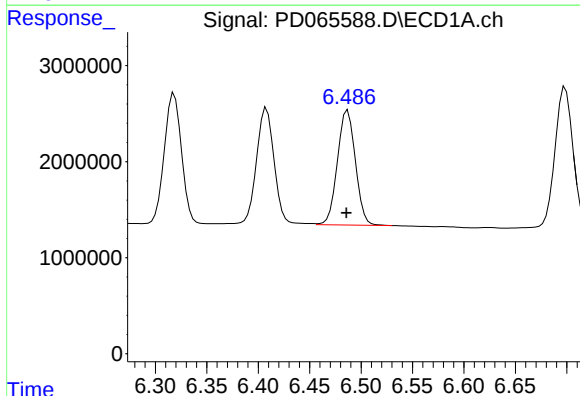
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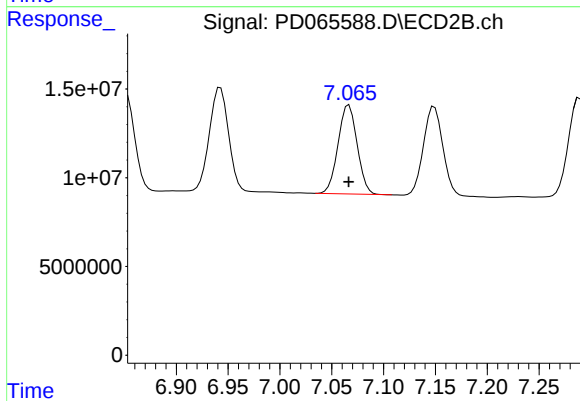
#17 4,4'-DDT

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 65507450
Conc: 10.75 ng/ml



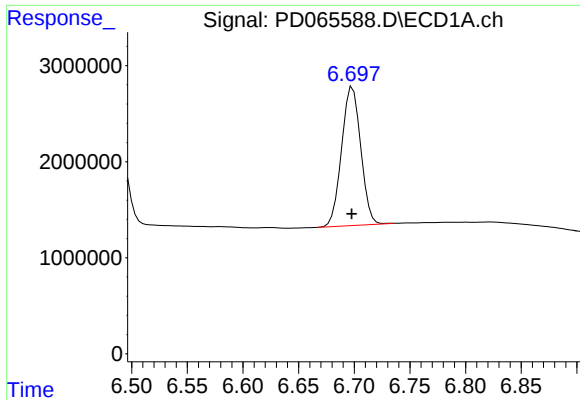
#18 Endrin aldehyde

R.T.: 6.487 min
Delta R.T.: 0.001 min
Response: 14545530
Conc: 11.53 ng/ml



#18 Endrin aldehyde

R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 64257990
Conc: 11.76 ng/ml



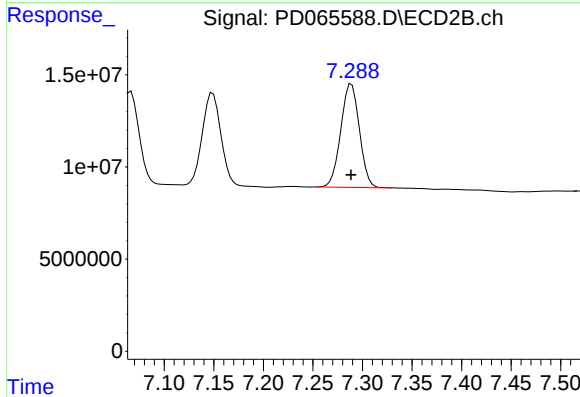
#19 Endosulfan Sulfate

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 17351305
Conc: 11.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138924BS

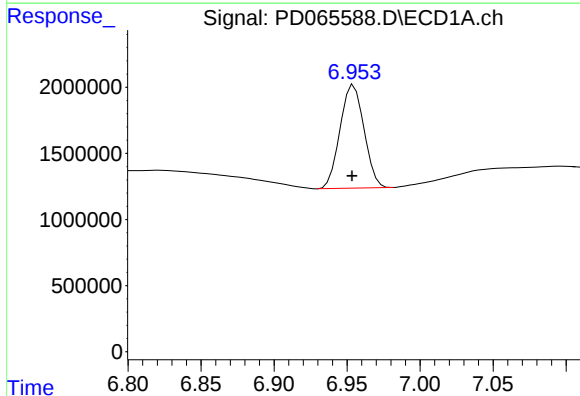
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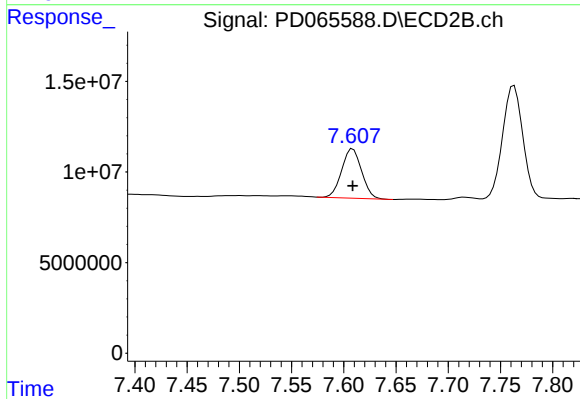
#19 Endosulfan Sulfate

R.T.: 7.289 min
Delta R.T.: 0.000 min
Response: 73220919
Conc: 11.45 ng/ml



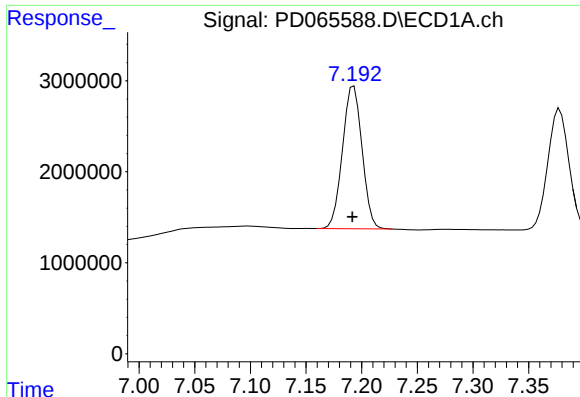
#20 Methoxychlor

R.T.: 6.955 min
Delta R.T.: 0.001 min
Response: 8934568
Conc: 10.66 ng/ml



#20 Methoxychlor

R.T.: 7.609 min
Delta R.T.: 0.000 min
Response: 36181108
Conc: 11.12 ng/ml



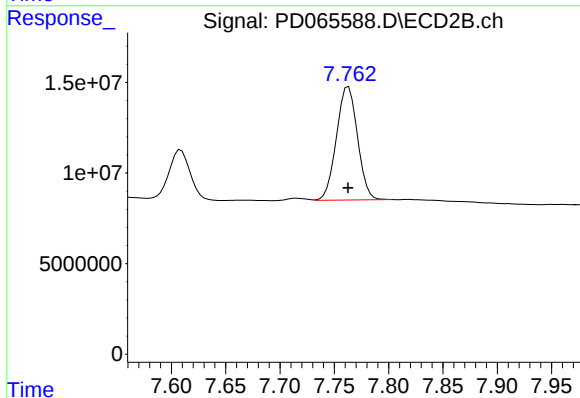
#21 Endrin ketone

R.T.: 7.193 min
Delta R.T.: 0.001 min
Response: 19174447
Conc: 10.31 ng/ml

Instrument :
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ClientSampleId :
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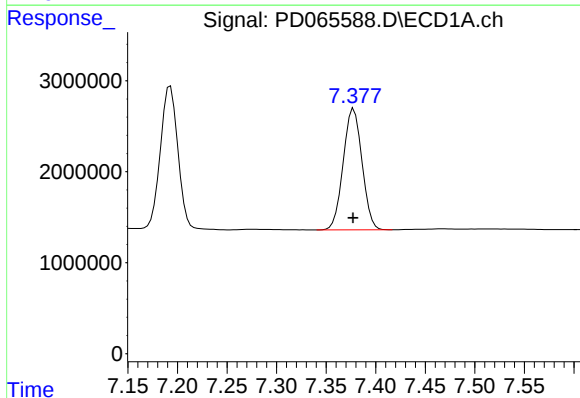
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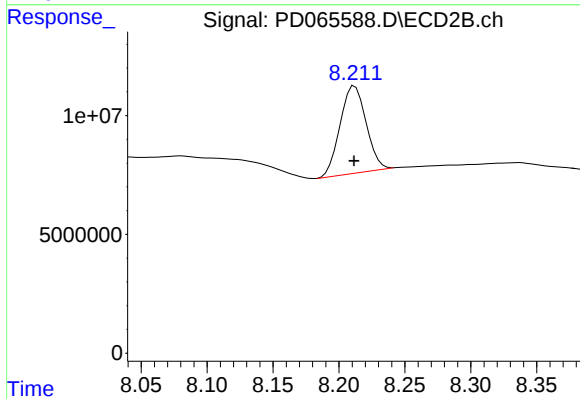
#21 Endrin ketone

R.T.: 7.763 min
Delta R.T.: 0.000 min
Response: 84250992
Conc: 11.14 ng/ml



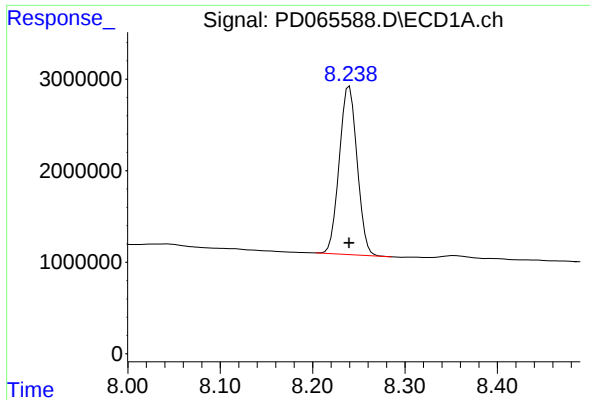
#22 Mirex

R.T.: 7.378 min
Delta R.T.: 0.000 min
Response: 17631579
Conc: 11.25 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 50725810
Conc: 9.59 ng/ml m



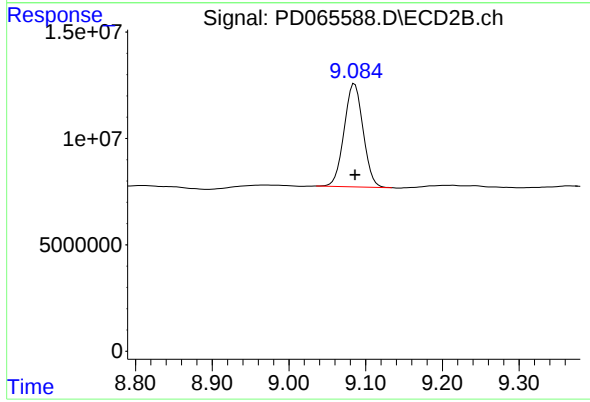
#28 Decachlorobiphenyl

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 24662186
Conc: 14.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138924BS

Manual Integrations
APPROVED

mohammad
9/8/2021 2:41:52 PM



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 83608458
Conc: 15.67 ng/ml