

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092221\
 Data File : PD065793.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2021 17:41
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/23/2021
 Supervised By : mohammad ahmed 09/23/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 04:33:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 04:21:10 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...	3.493	4.012	3558459	29497499	4.805	5.137
28) SA Decachlor...	8.235	9.085	7636626	19667424	5.591	5.082
Target Compounds						
2) A alpha-BHC	3.932	4.407	4835710	42662408	4.306	5.074
3) MA gamma-BHC...	4.216	4.694	5425506	38225189	4.838	4.948
4) MA Heptachlor	4.513	5.197	5691187	38110997	4.771	5.253
5) MB Aldrin	4.761	5.502	5039249	35907084	4.505	5.337
6) B beta-BHC	4.464	4.870	3019311	22111726	5.289	5.983
7) B delta-BHC	4.668	5.085	4755181	33554502	4.206	4.703m
8) B Heptachlo...	5.203	5.892	5210034	22959362	4.653	4.443
9) A Endosulfan I	5.541	6.250	5140497	27513537	4.727	4.978
10) B gamma-Chl...	5.428	6.125	6334415	32015277	5.246	5.338
11) B alpha-Chl...	5.486	6.198	5896870	33519014	4.981	5.585
12) B 4,4'-DDE	5.649	6.356	4685711	29236595	4.305	5.069
13) MA Dieldrin	5.784	6.508	5248329	29310264	4.528	4.974
14) MA Endrin	6.042	6.727	4743390	24142859	4.483	4.897
15) B Endosulfa...	6.314	6.941	5858758	24699031	5.423	5.099
16) A 4,4'-DDD	6.164	6.850	4206720	25417717	4.288	5.172
17) MA 4,4'-DDT	6.403	7.148	4834604	23864037	4.386m	4.724
18) B Endrin al...	6.482	7.065	4448616	19601604	5.022m	5.007
19) B Endosulfa...	6.694	7.288	5929370	24796886	5.195	5.027
20) A Methoxychlor	6.950	7.608	2937168	12840809	4.298	4.879
21) B Endrin ke...	7.189	7.761	6927715	29995043	4.918	5.260
22) Mirex	7.373	8.210	7507916	21848533	6.218	5.533

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092221\
Data File : PD065793.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2021 17:41
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

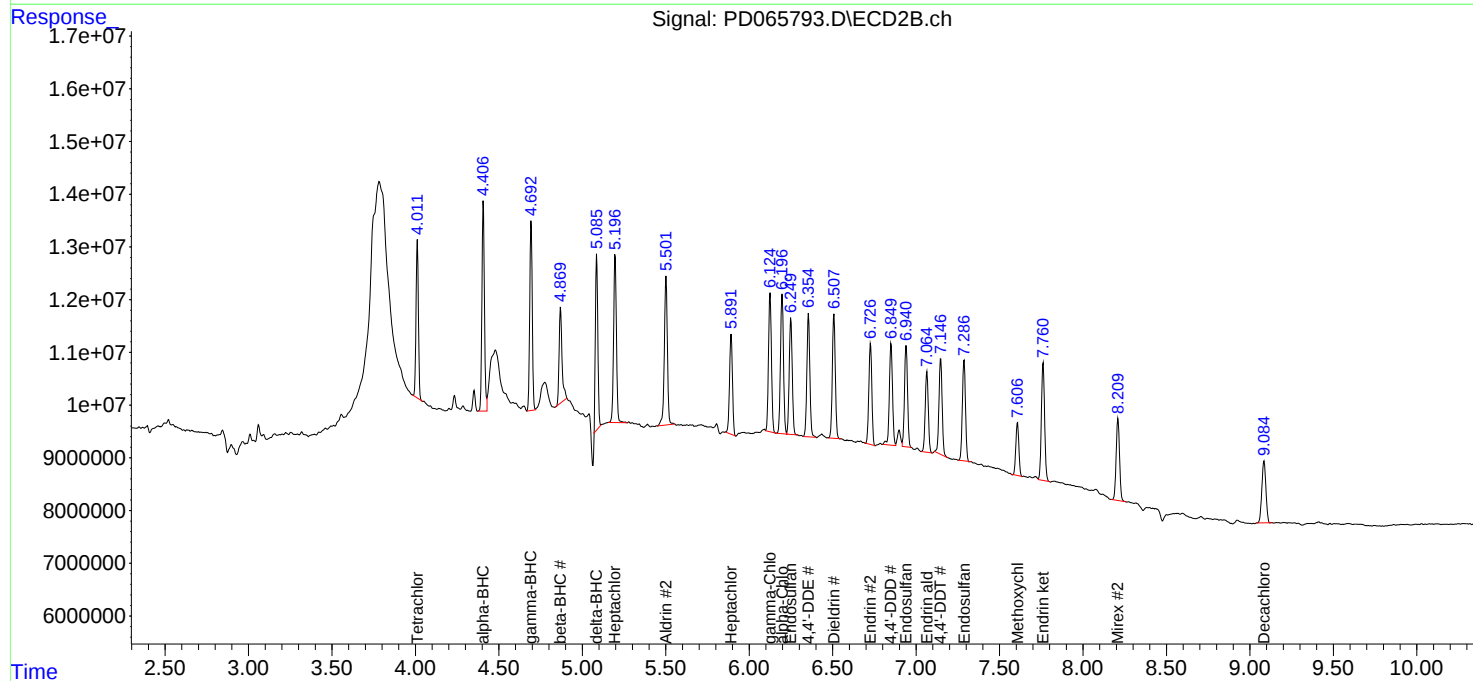
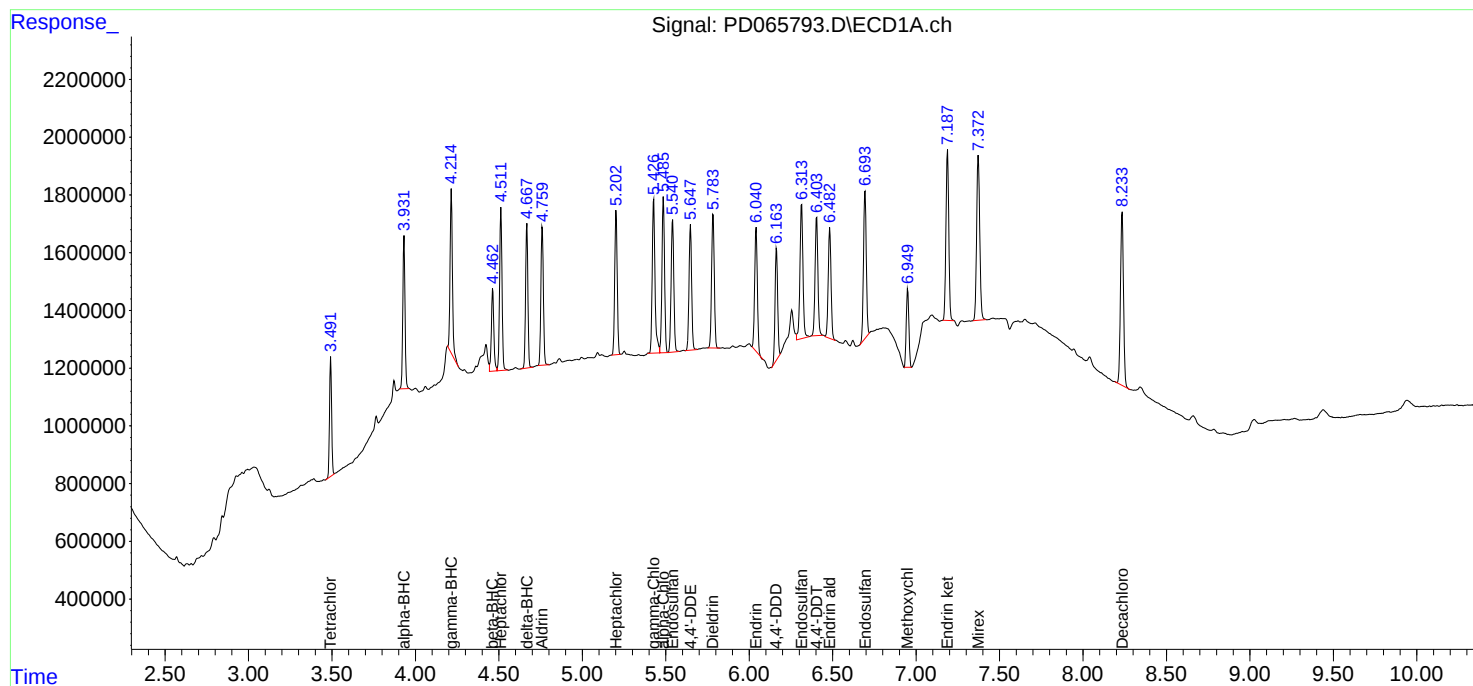
Instrument :
ECD_D
ClientSampleId :
PSTDICC005

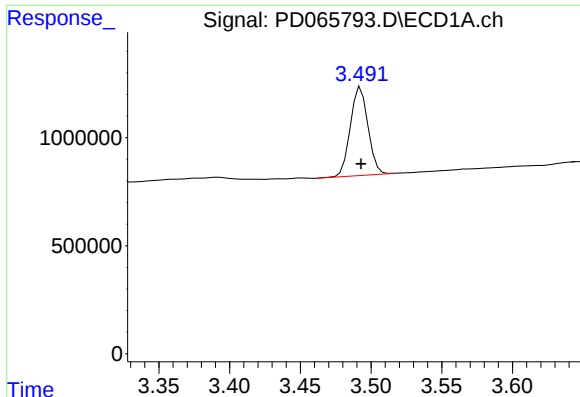
Manual Integrations
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Reviewed By :Abdul Mirza 09/23/2021
Supervised By :mohammad ahmed 09/23/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 04:33:33 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
Quant Title : GC Extractables
QLast Update : Thu Sep 23 04:21:10 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





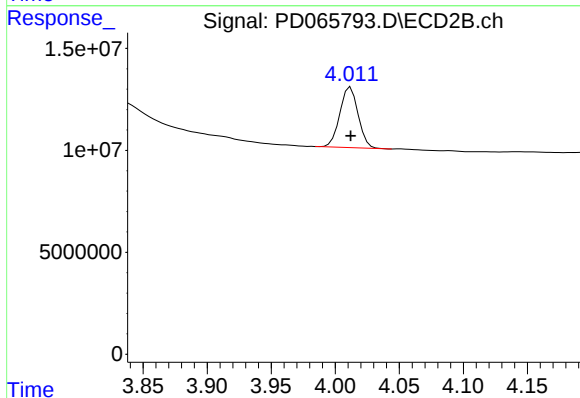
#1 Tetrachloro-m-xylene

R.T.: 3.493 min
Delta R.T.: 0.000 min
Response: 3558459
Conc: 4.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

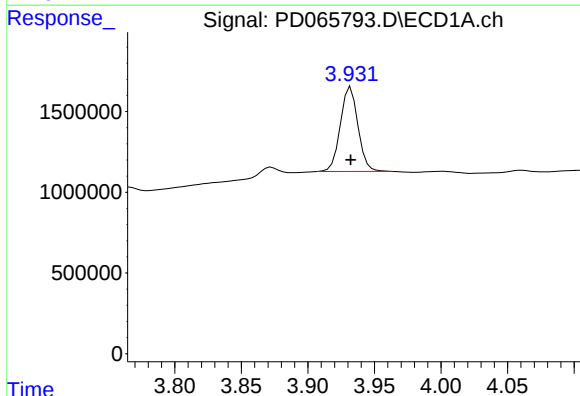
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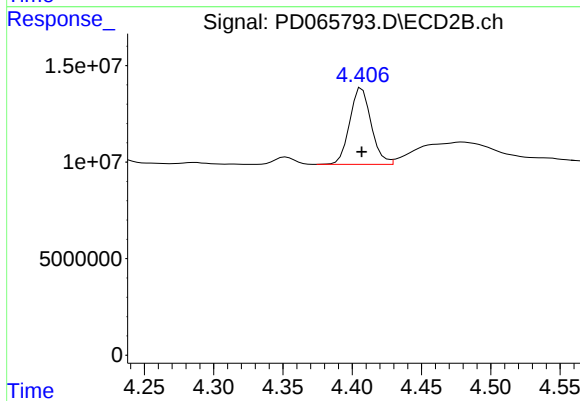
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 29497499
Conc: 5.14 ng/ml



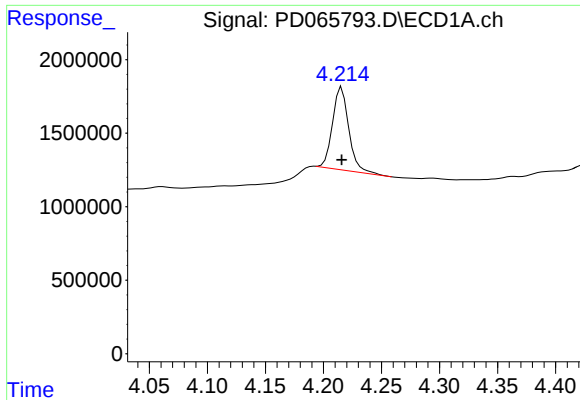
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 4835710
Conc: 4.31 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 42662408
Conc: 5.07 ng/ml



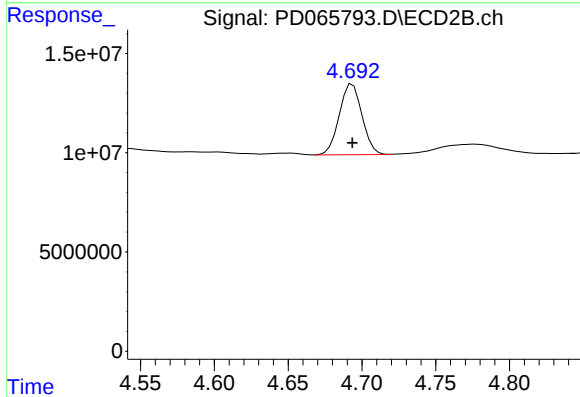
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 5425506
Conc: 4.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

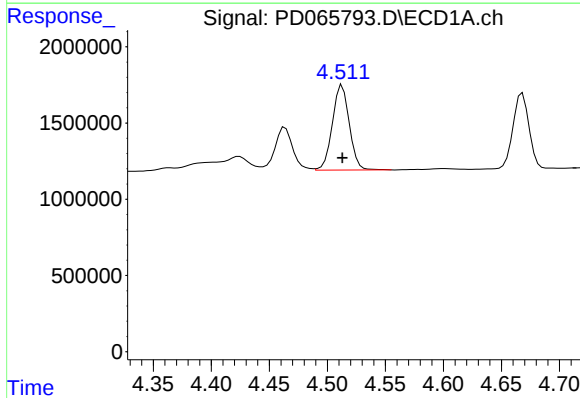
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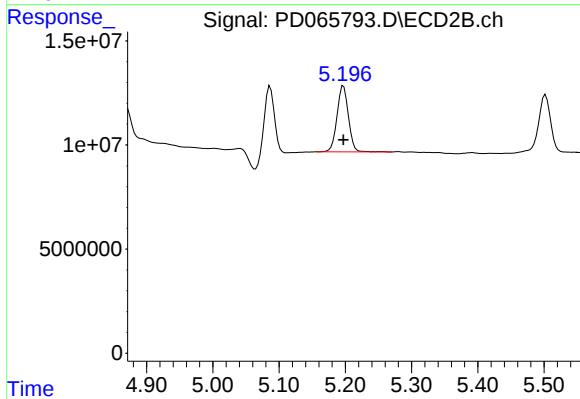
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 38225189
Conc: 4.95 ng/ml



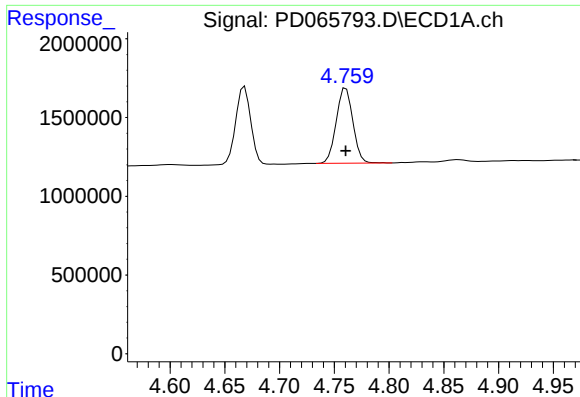
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 5691187
Conc: 4.77 ng/ml



#4 Heptachlor

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 38110997
Conc: 5.25 ng/ml



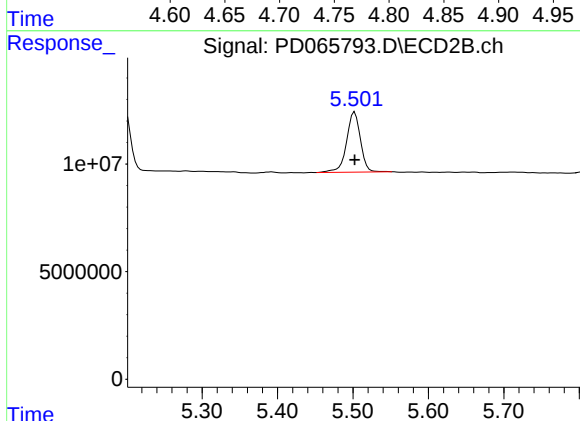
#5 Aldrin

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 5039249
Conc: 4.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

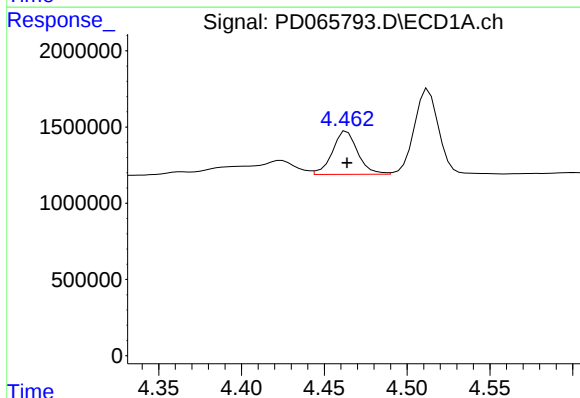
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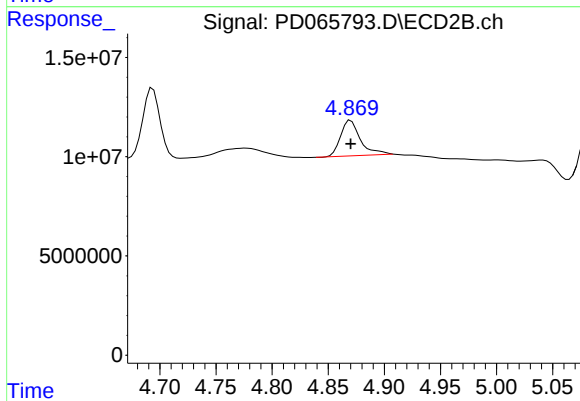
#5 Aldrin

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 35907084
Conc: 5.34 ng/ml



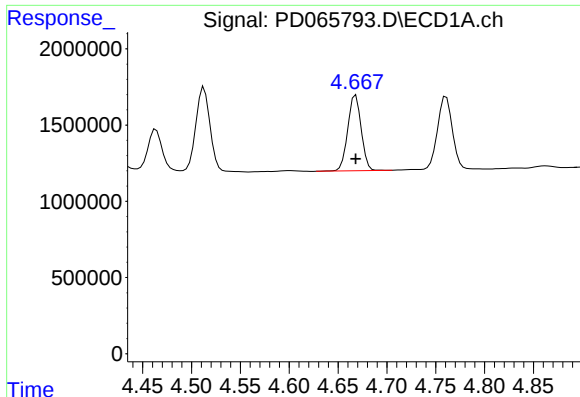
#6 beta-BHC

R.T.: 4.464 min
Delta R.T.: 0.000 min
Response: 3019311
Conc: 5.29 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 22111726
Conc: 5.98 ng/ml



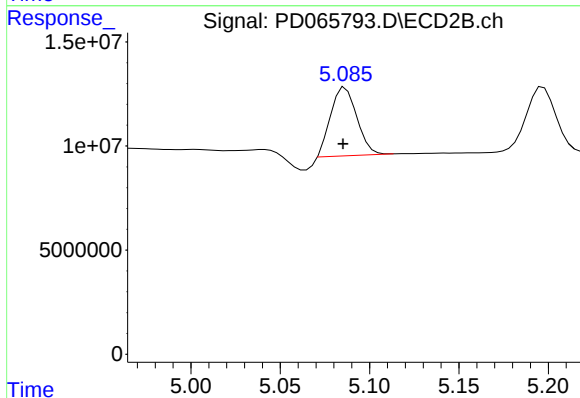
#7 delta-BHC

R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 4755181
Conc: 4.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

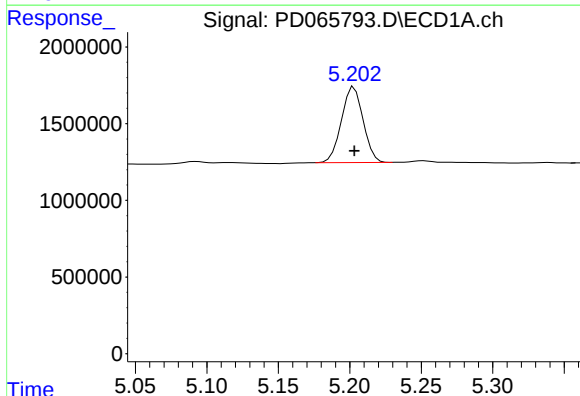
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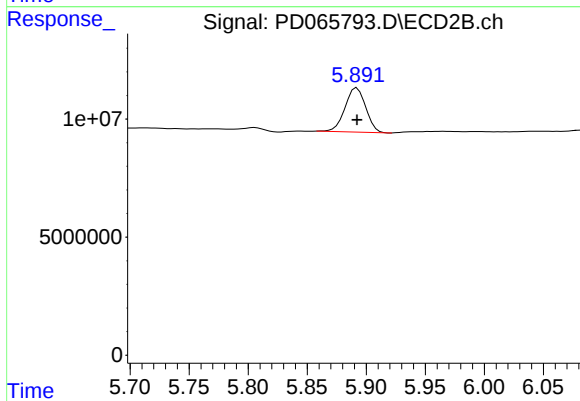
#7 delta-BHC

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 33554502
Conc: 4.70 ng/ml m



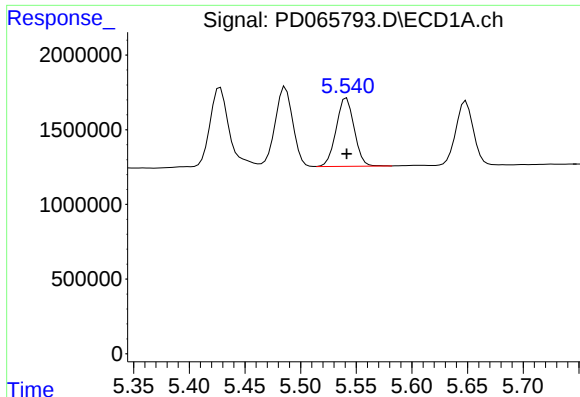
#8 Heptachlor epoxide

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 5210034
Conc: 4.65 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 22959362
Conc: 4.44 ng/ml



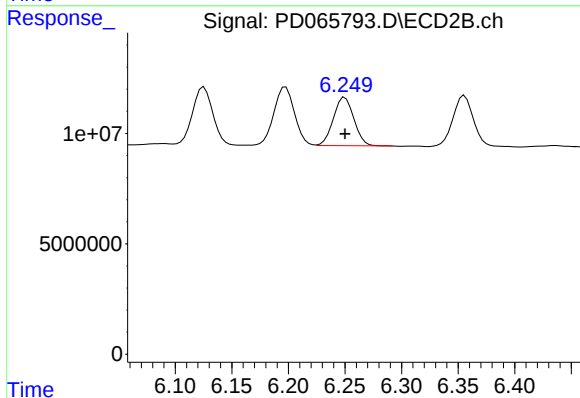
#9 Endosulfan I

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 5140497
Conc: 4.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

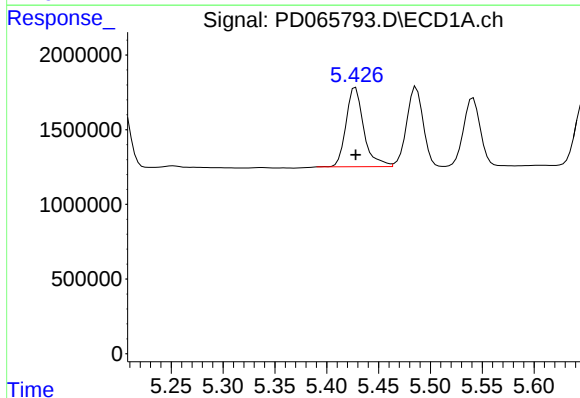
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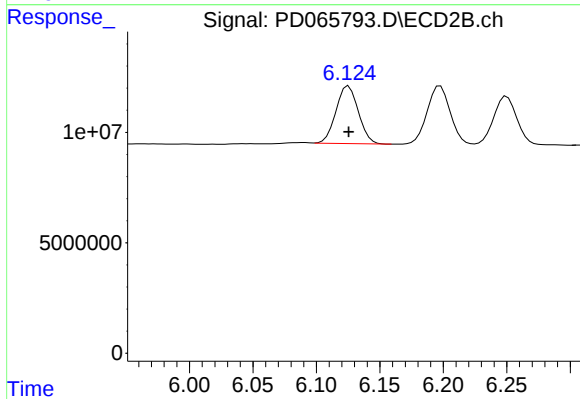
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 27513537
Conc: 4.98 ng/ml



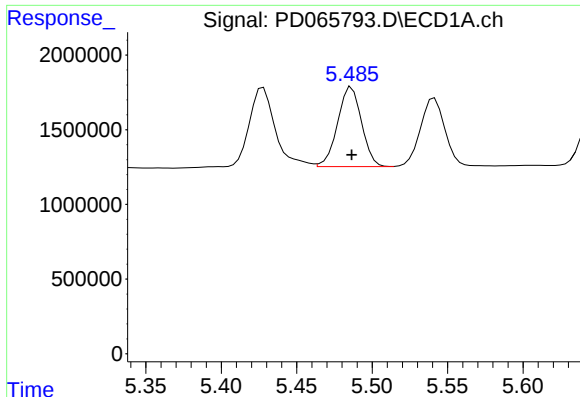
#10 gamma-Chlordane

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 6334415
Conc: 5.25 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 32015277
Conc: 5.34 ng/ml



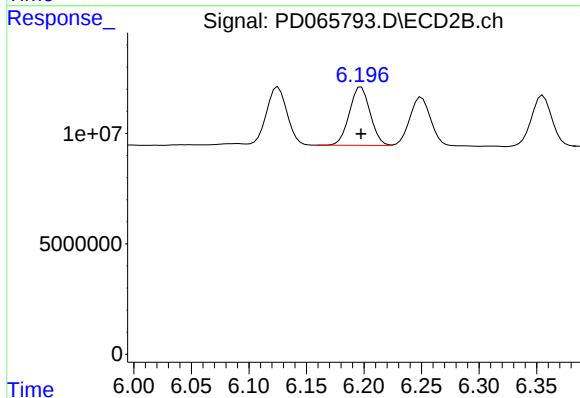
#11 alpha-Chlordane

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 5896870
Conc: 4.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

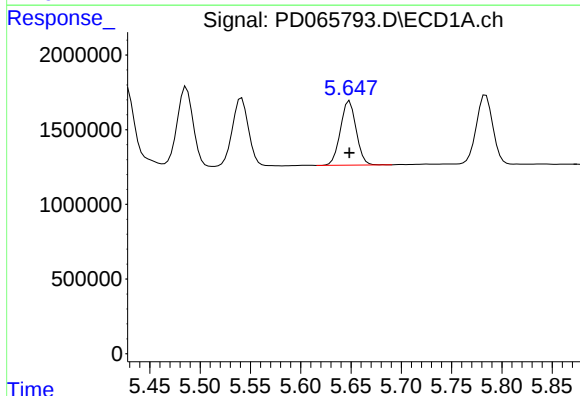
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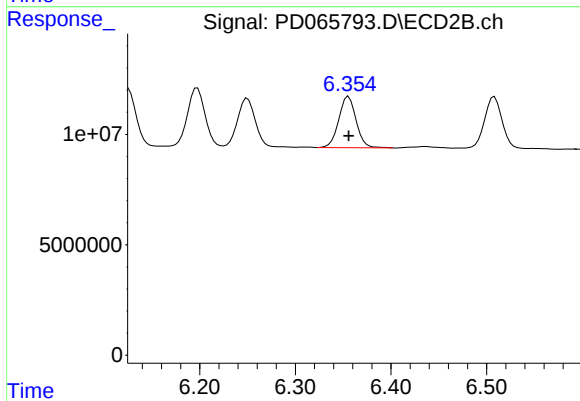
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 33519014
Conc: 5.58 ng/ml



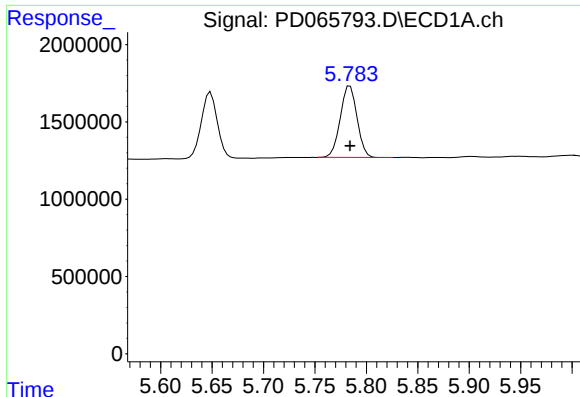
#12 4,4'-DDE

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 4685711
Conc: 4.30 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 29236595
Conc: 5.07 ng/ml



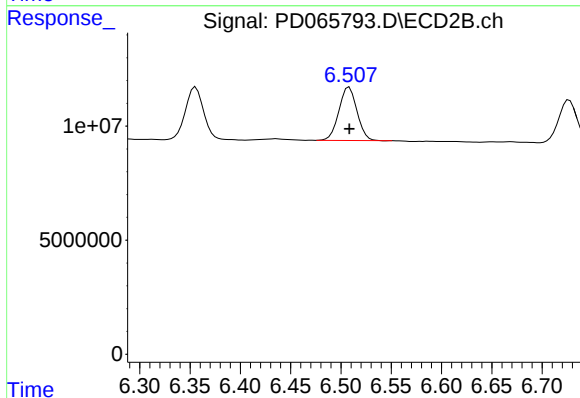
#13 Dieldrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 5248329
Conc: 4.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

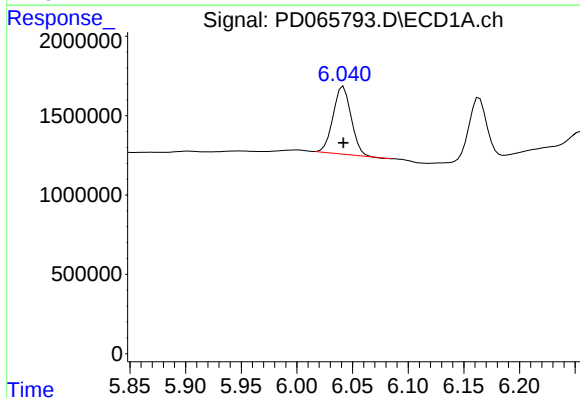
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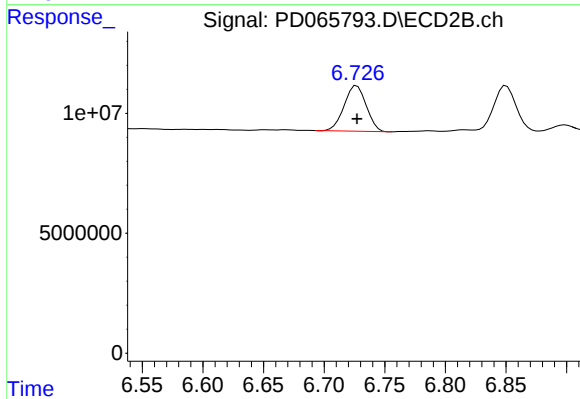
#13 Dieldrin

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 29310264
Conc: 4.97 ng/ml



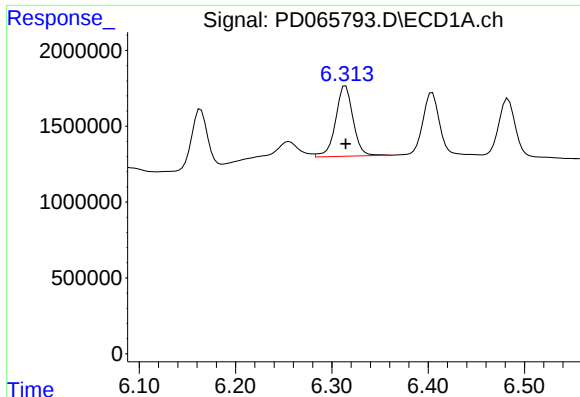
#14 Endrin

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 4743390
Conc: 4.48 ng/ml



#14 Endrin

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 24142859
Conc: 4.90 ng/ml



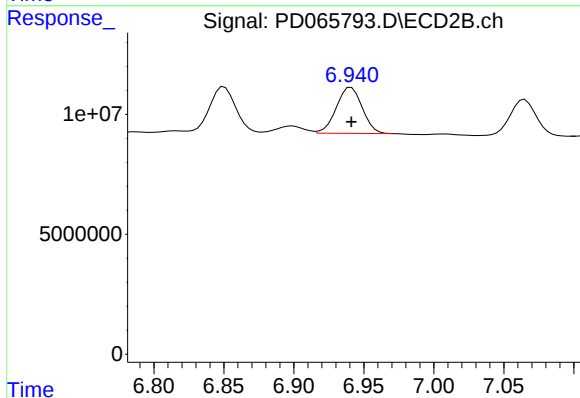
#15 Endosulfan II

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 5858758
Conc: 5.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

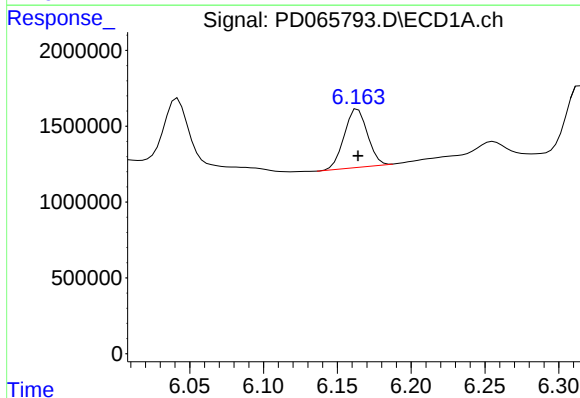
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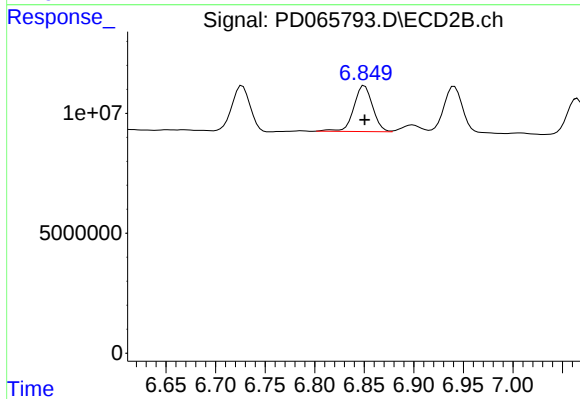
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 24699031
Conc: 5.10 ng/ml



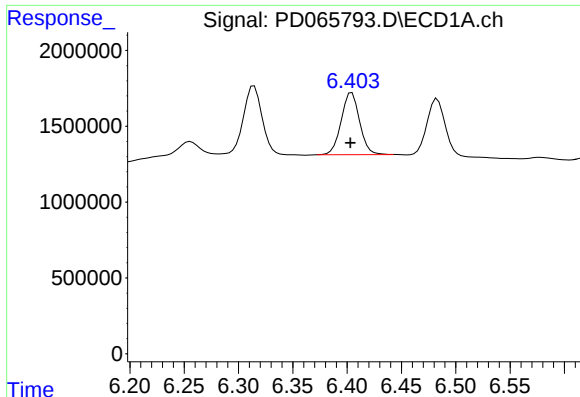
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 4206720
Conc: 4.29 ng/ml



#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 25417717
Conc: 5.17 ng/ml



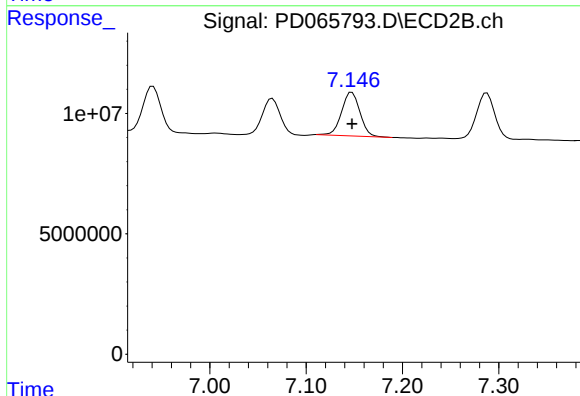
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 4834604
Conc: 4.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

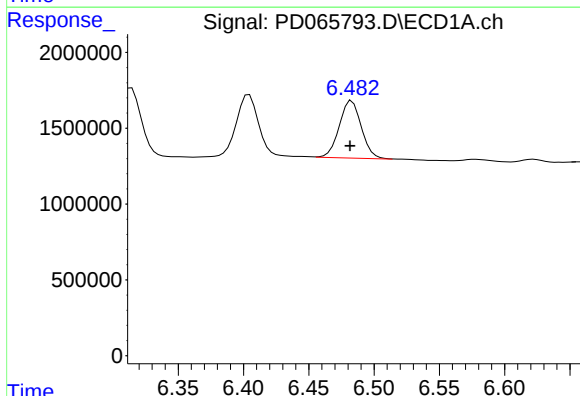
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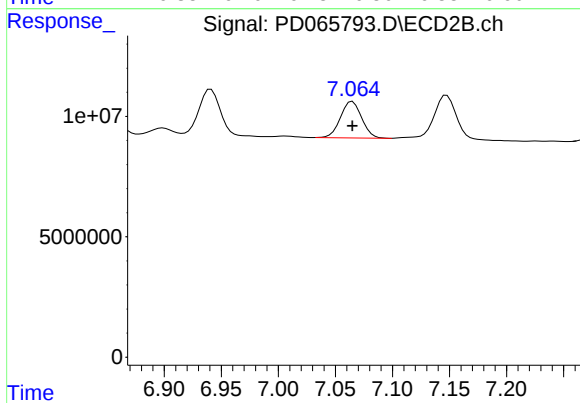
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 23864037
Conc: 4.72 ng/ml



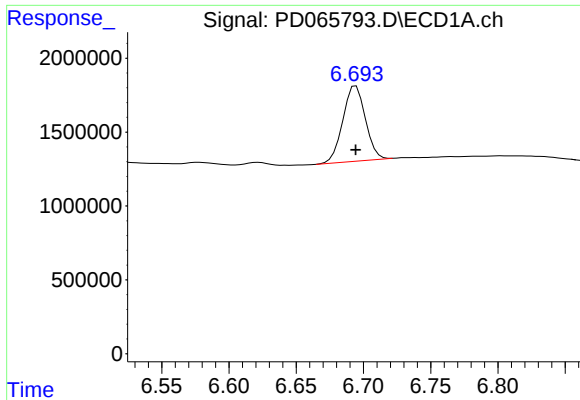
#18 Endrin aldehyde

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 4448616
Conc: 5.02 ng/ml m



#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 19601604
Conc: 5.01 ng/ml



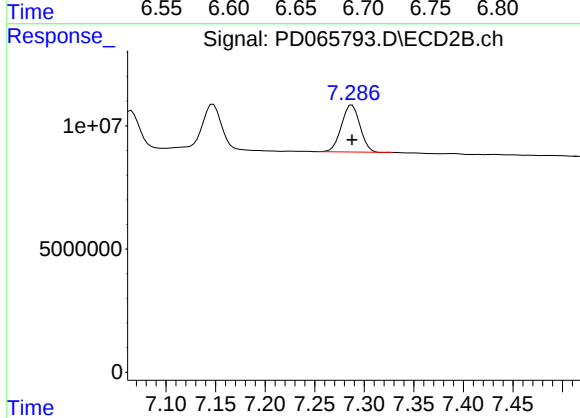
#19 Endosulfan Sulfate

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 5929370
Conc: 5.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

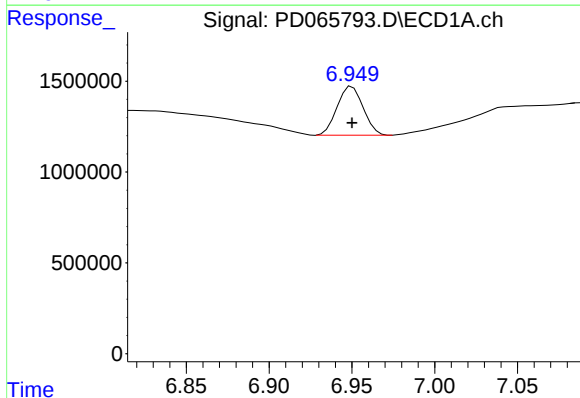
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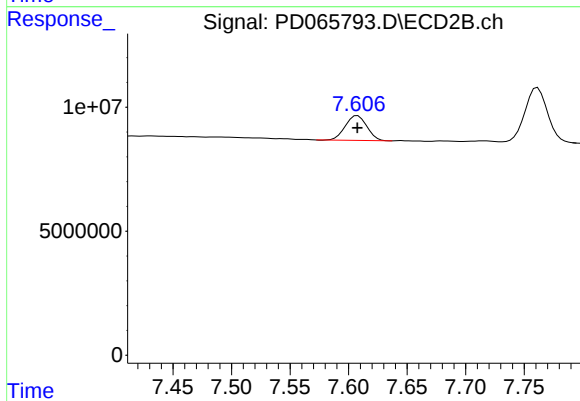
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 24796886
Conc: 5.03 ng/ml



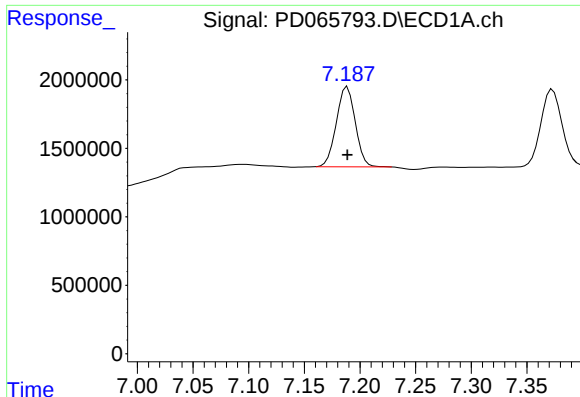
#20 Methoxychlor

R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 2937168
Conc: 4.30 ng/ml



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 12840809
Conc: 4.88 ng/ml



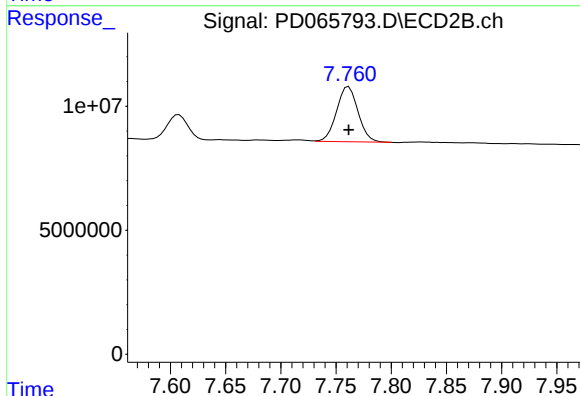
#21 Endrin ketone

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 6927715
Conc: 4.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

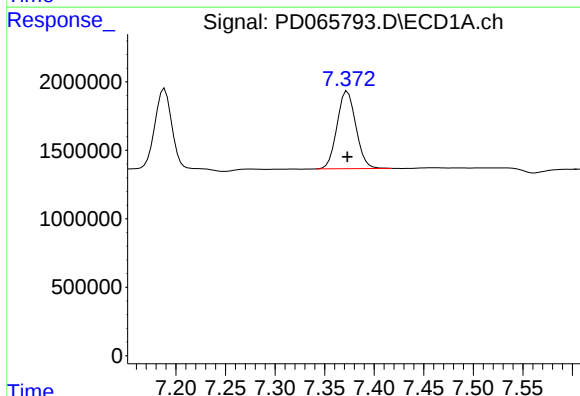
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Supervised By :mohammad ahmed 09/23/2021



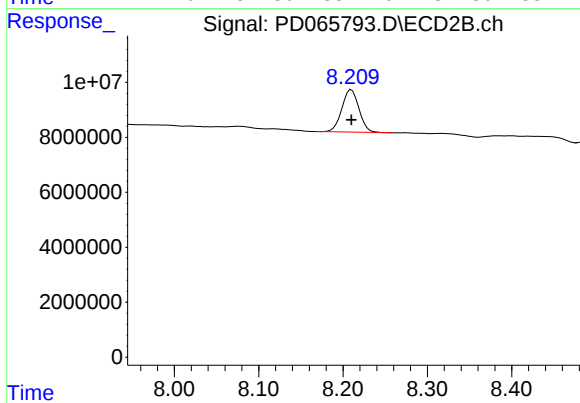
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 29995043
Conc: 5.26 ng/ml



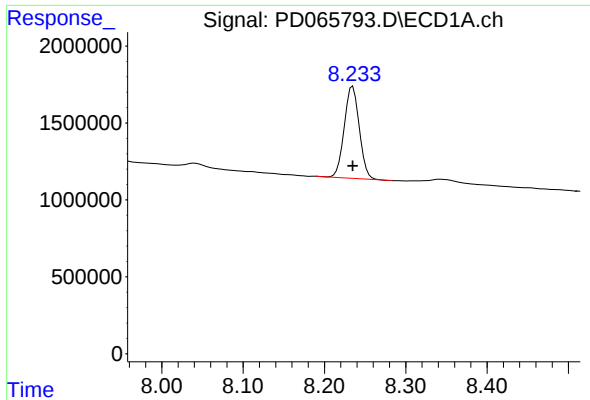
#22 Mirex

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 7507916
Conc: 6.22 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 21848533
Conc: 5.53 ng/ml



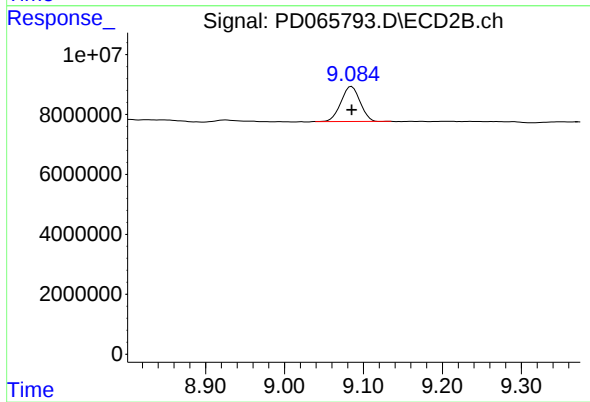
#28 Decachlorobiphenyl

R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 7636626
Conc: 5.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/23/2021
Supervised By :mohammad ahmed 09/23/2021



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 19667424
Conc: 5.08 ng/ml