

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092821\
 Data File : PD065946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2021 12:58
 Operator : AR\AJ
 Sample : M3946-01MSD 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-05-092421MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 16:20:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 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...	3.495	4.012	2481447	19927366	3.351	3.470
28) SA Decachlor...	8.239	9.088	3555598	17390037	2.603	4.493 #
Target Compounds						
2) A alpha-BHC	3.934	4.406	7060832	57864894	6.287	6.882m
3) MA gamma-BHC...	4.218	4.692	8645436	61123194	7.710	7.912m
4) MA Heptachlor	4.516	5.198	8290040	53420589	6.950	7.362
5) MB Aldrin	4.762	5.502	5270279	49205851	4.711m	7.314m#
6) B beta-BHC	4.467	4.869	4697193	38045661	8.228	10.294 #
7) B delta-BHC	4.671	5.087	5625735	49766825	4.976	6.915 #
8) B Heptachlo...	5.207	5.893	8094853	46393611	7.229	8.977
9) A Endosulfan I	5.545	6.251	6178093	38845720	5.681	7.028
10) B gamma-Chl...	5.431	6.126	8891694	51280095	7.363	8.550m
11) B alpha-Chl...	5.490	6.199	8408792	44509774	7.103	7.416
12) B 4,4'-DDE	5.652	6.357	8055946	47333273	7.401	8.207
13) MA Dieldrin	5.788	6.509	9744818	40610782	8.408	6.891
14) MA Endrin	6.047	6.728	9673912	26979847	9.142	5.472 #
15) B Endosulfa...	6.318	6.942	8205373	32263873	7.595	6.661
16) A 4,4'-DDD	6.168	6.851	5893301	36371911	6.008	7.401
17) MA 4,4'-DDT	6.408	7.150	6394376	35388649	5.809	7.006
18) B Endrin al...	6.485	7.067	6130631	27838163	6.917	7.111
19) B Endosulfa...	6.698	7.289	12279663	34806654	10.759	7.057 #
20) A Methoxychlor	6.954	7.609	3730785	24184150	5.459	9.190 #
21) B Endrin ke...	7.192	7.763	7607007	45448081	5.400	7.969 #
22) Mirex	7.377	8.212	9685283	29648513	8.022	7.509

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092821\
Data File : PD065946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Sep 2021 12:58
Operator : AR\AJ
Sample : M3946-01MSD 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

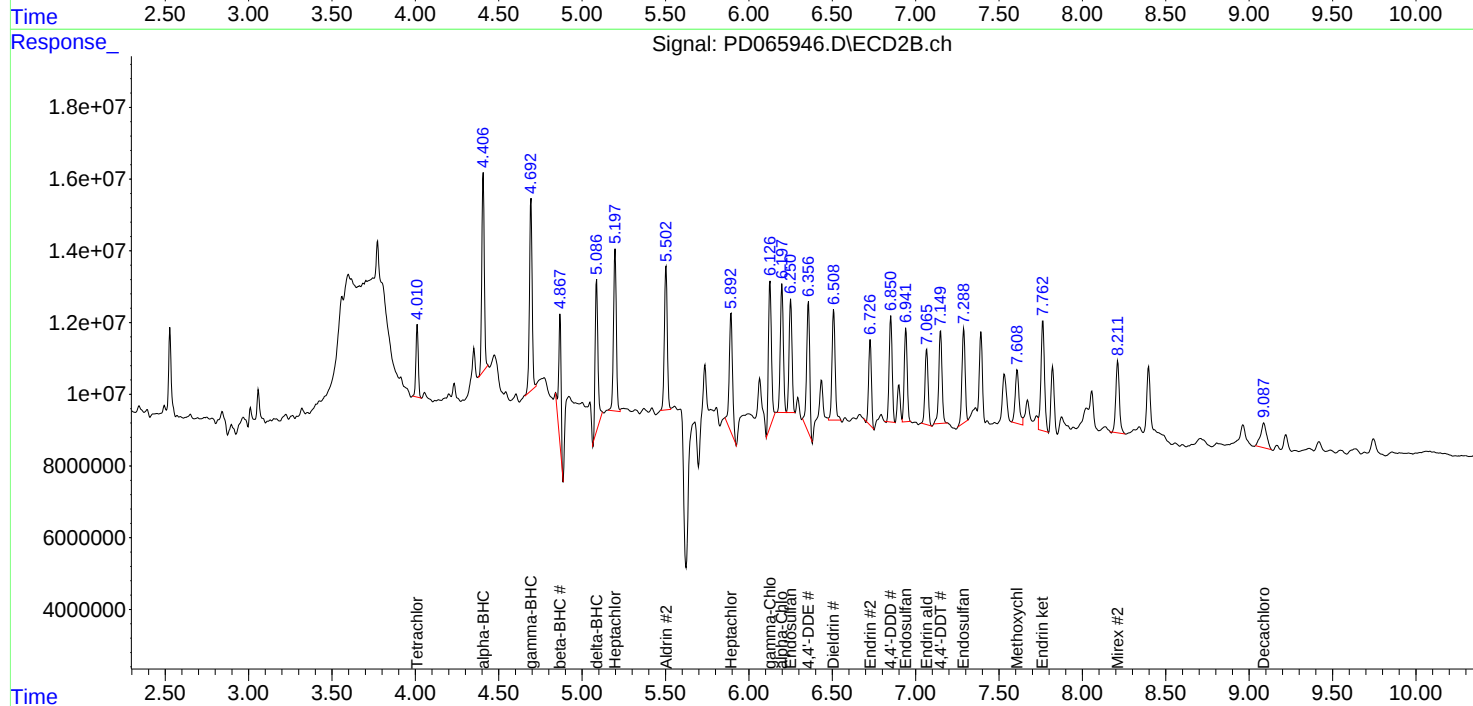
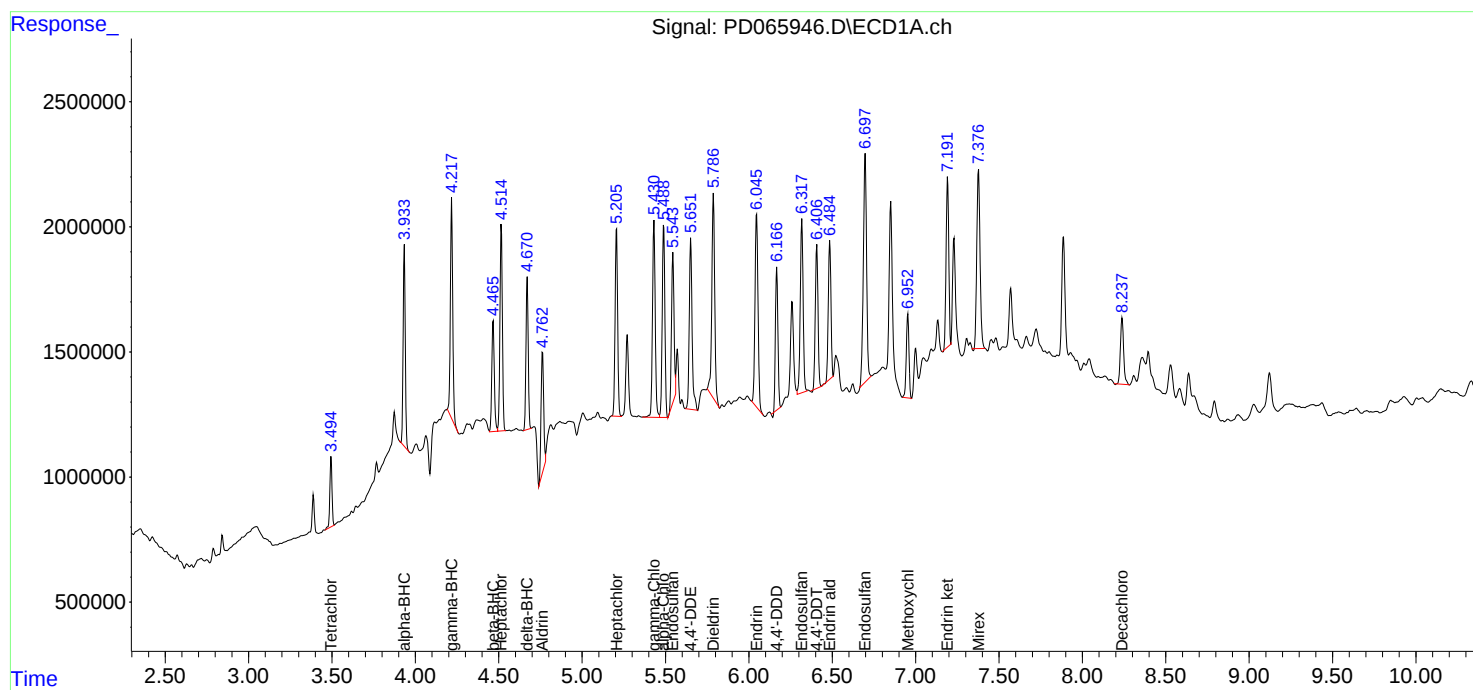
Instrument :
ECD_D
ClientSampleId :
PL-05-092421MSD

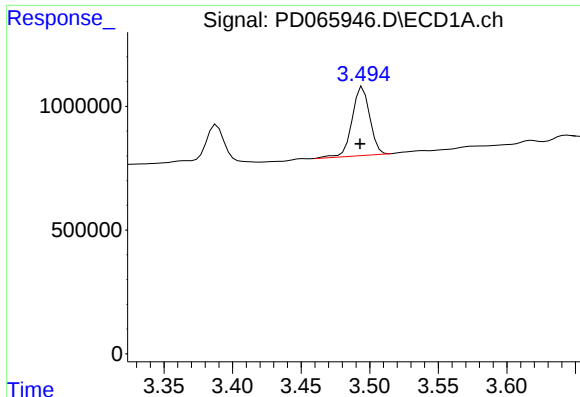
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 28 16:20:24 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
Quant Title : GC Extractables
QLast Update : Thu Sep 23 12:18:33 2021
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Volume 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





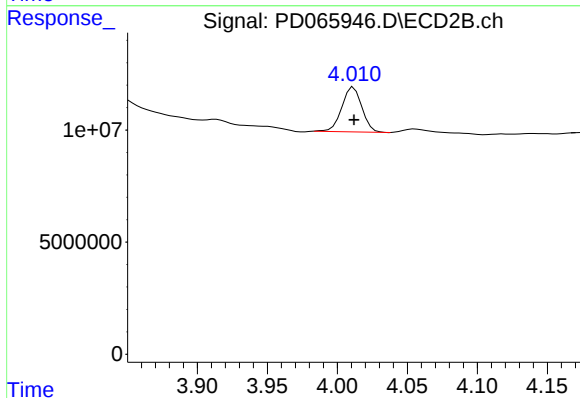
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: 0.002 min
Response: 2481447
Conc: 3.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-05-092421MSD

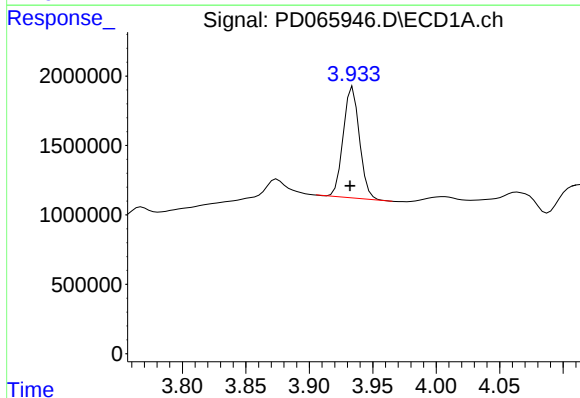
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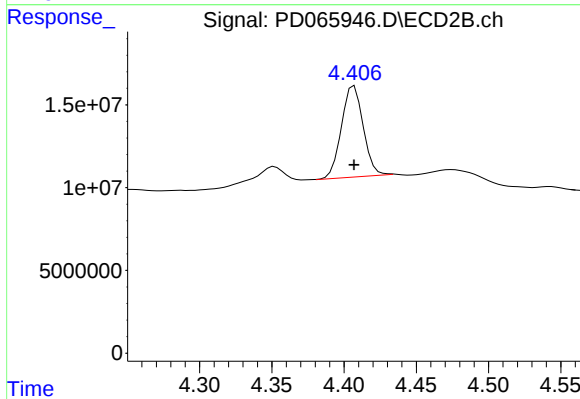
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 19927366
Conc: 3.47 ng/ml



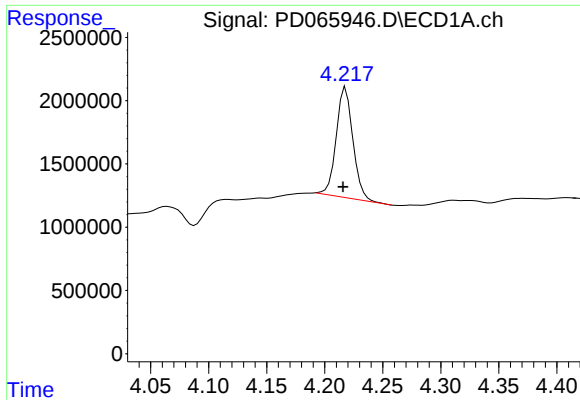
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.002 min
Response: 7060832
Conc: 6.29 ng/ml



#2 alpha-BHC

R.T.: 4.406 min
Delta R.T.: -0.001 min
Response: 57864894
Conc: 6.88 ng/ml m



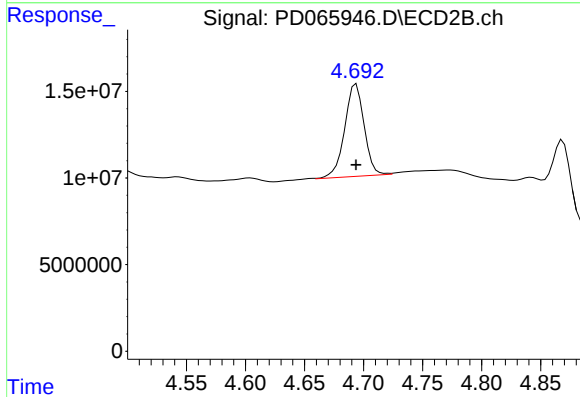
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.002 min
Response: 8645436
Conc: 7.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-05-092421MSD

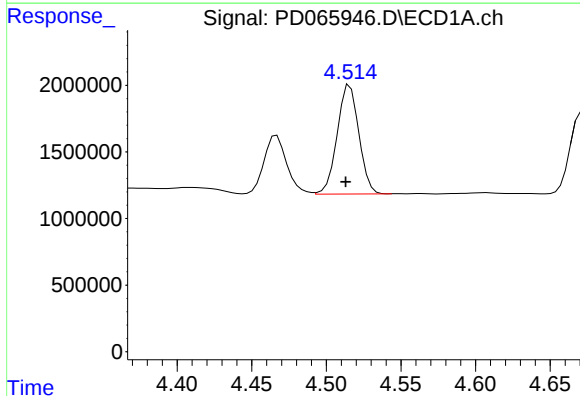
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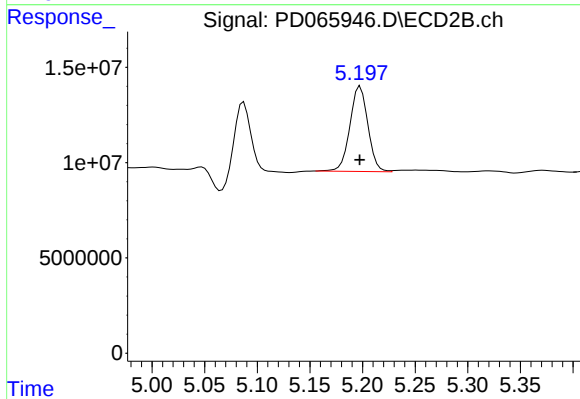
#3 gamma-BHC (Lindane)

R.T.: 4.692 min
Delta R.T.: -0.001 min
Response: 61123194
Conc: 7.91 ng/ml m



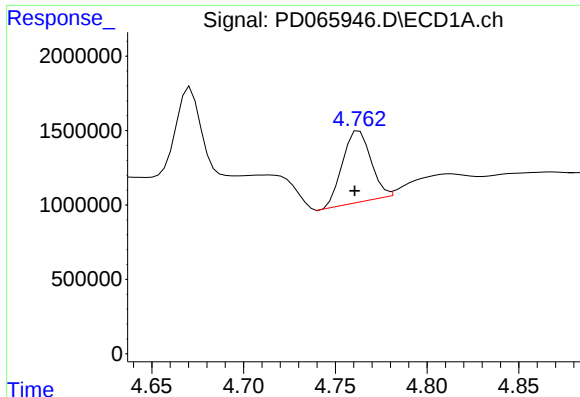
#4 Heptachlor

R.T.: 4.516 min
Delta R.T.: 0.003 min
Response: 8290040
Conc: 6.95 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 53420589
Conc: 7.36 ng/ml



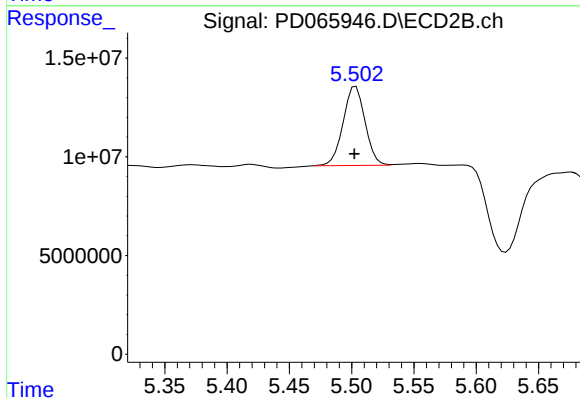
#5 Aldrin

R.T.: 4.762 min
Delta R.T.: 0.001 min
Response: 5270279
Conc: 4.71 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PL-05-092421MSD

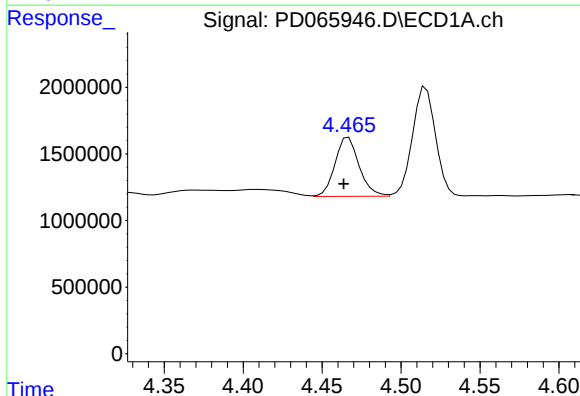
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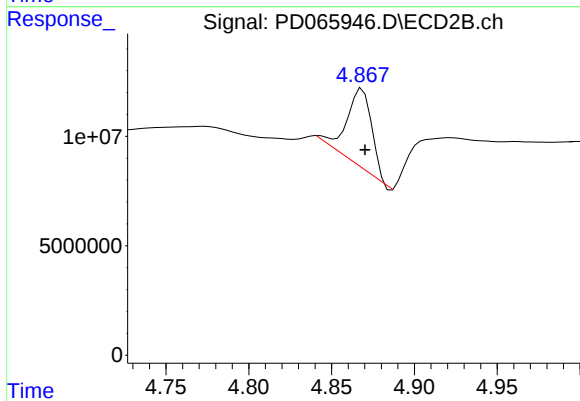
#5 Aldrin

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 49205851
Conc: 7.31 ng/ml m



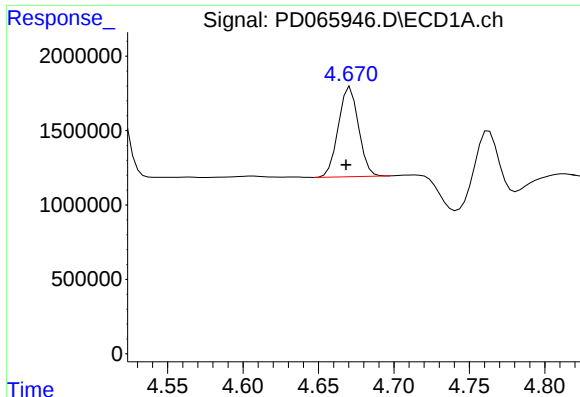
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.003 min
Response: 4697193
Conc: 8.23 ng/ml



#6 beta-BHC

R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 38045661
Conc: 10.29 ng/ml



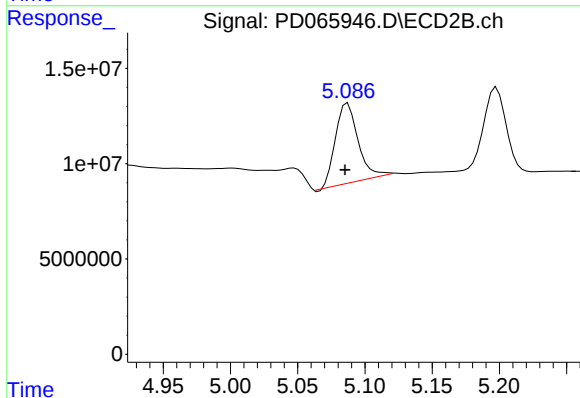
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.003 min
Response: 5625735
Conc: 4.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-05-092421MSD

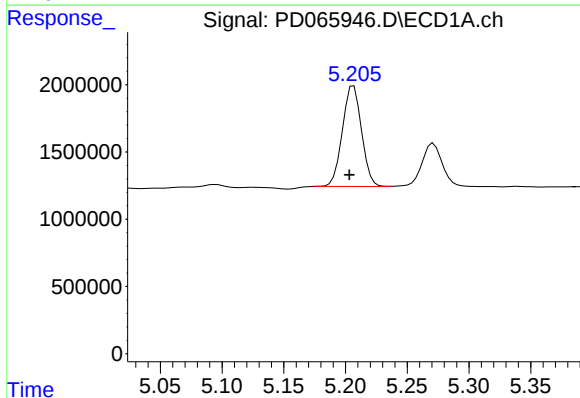
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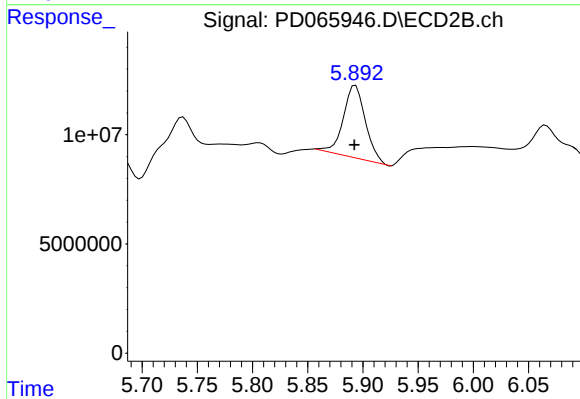
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.002 min
Response: 49766825
Conc: 6.92 ng/ml



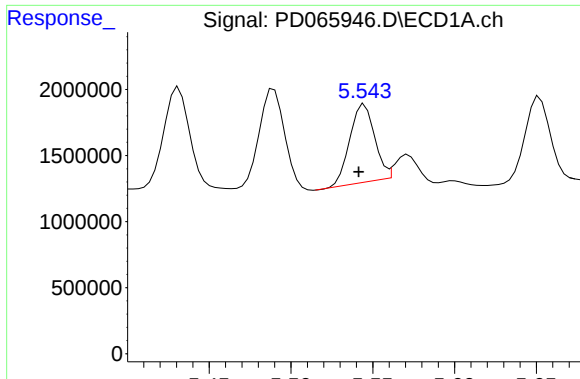
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.003 min
Response: 8094853
Conc: 7.23 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.001 min
Response: 46393611
Conc: 8.98 ng/ml



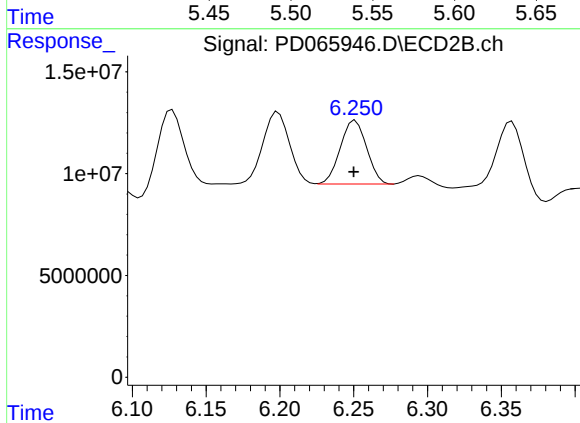
#9 Endosulfan I

R.T.: 5.545 min
Delta R.T.: 0.004 min
Response: 6178093
Conc: 5.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-05-092421MSD

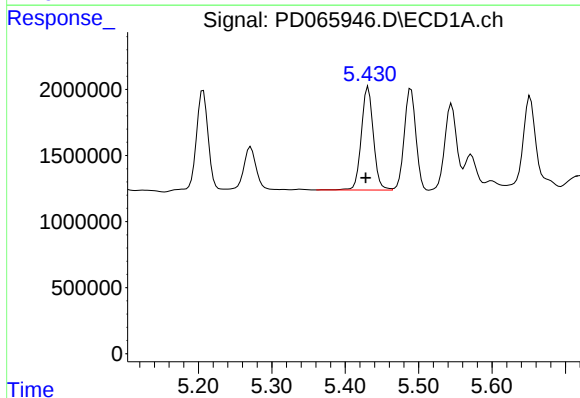
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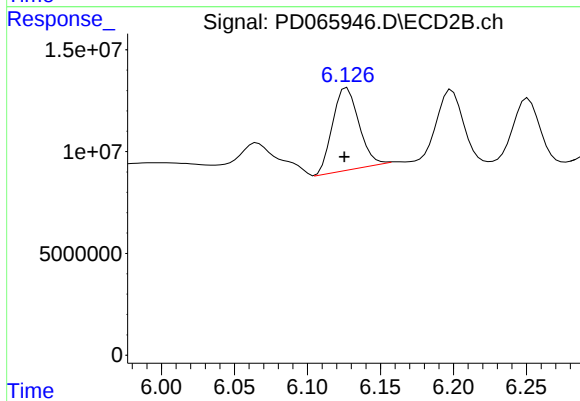
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.001 min
Response: 38845720
Conc: 7.03 ng/ml



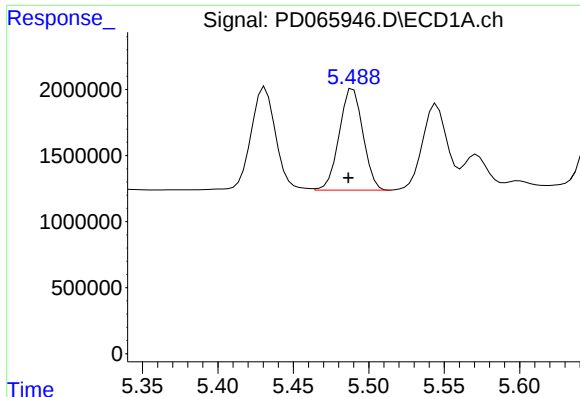
#10 gamma-Chlordane

R.T.: 5.431 min
Delta R.T.: 0.003 min
Response: 8891694
Conc: 7.36 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 51280095
Conc: 8.55 ng/ml m



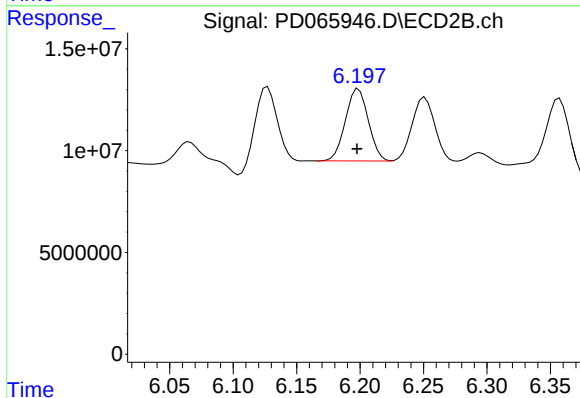
#11 alpha-Chlordane

R.T.: 5.490 min
Delta R.T.: 0.003 min
Response: 8408792
Conc: 7.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-05-092421MSD

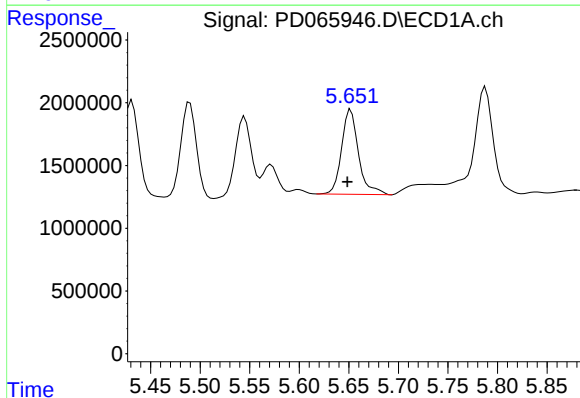
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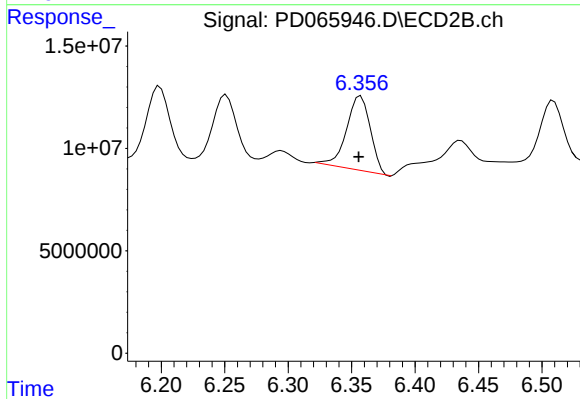
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.001 min
Response: 44509774
Conc: 7.42 ng/ml



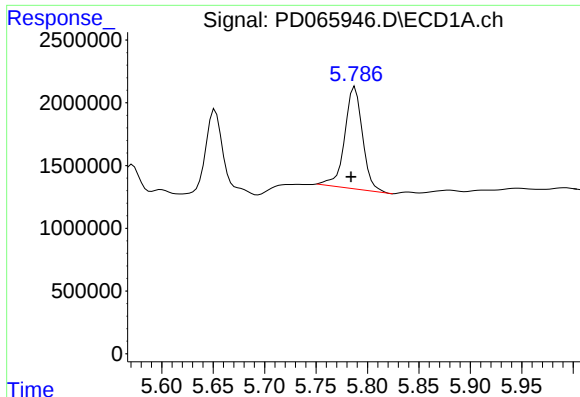
#12 4,4'-DDE

R.T.: 5.652 min
Delta R.T.: 0.003 min
Response: 8055946
Conc: 7.40 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.001 min
Response: 47333273
Conc: 8.21 ng/ml



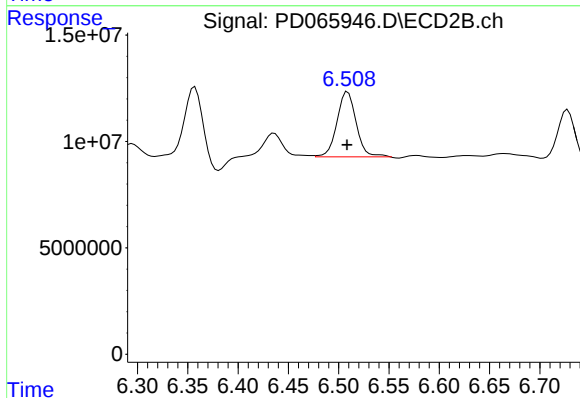
#13 Dieldrin

R.T.: 5.788 min
Delta R.T.: 0.004 min
Response: 9744818
Conc: 8.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-05-092421MSD

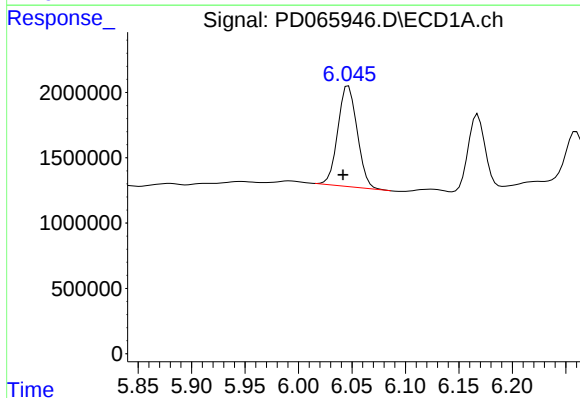
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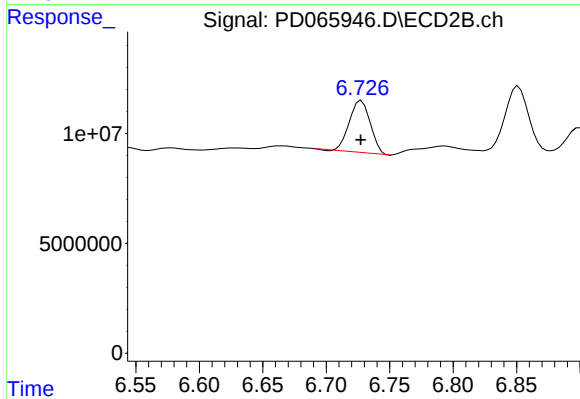
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 40610782
Conc: 6.89 ng/ml



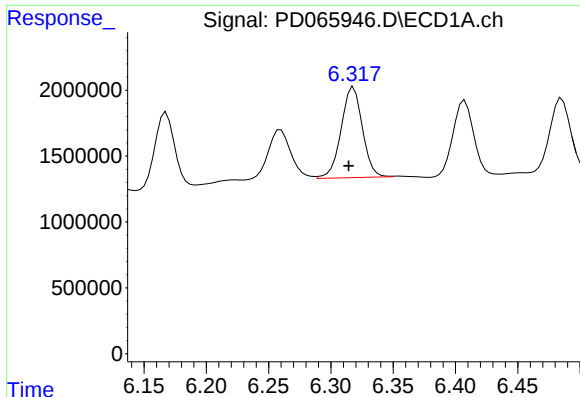
#14 Endrin

R.T.: 6.047 min
Delta R.T.: 0.005 min
Response: 9673912
Conc: 9.14 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 26979847
Conc: 5.47 ng/ml



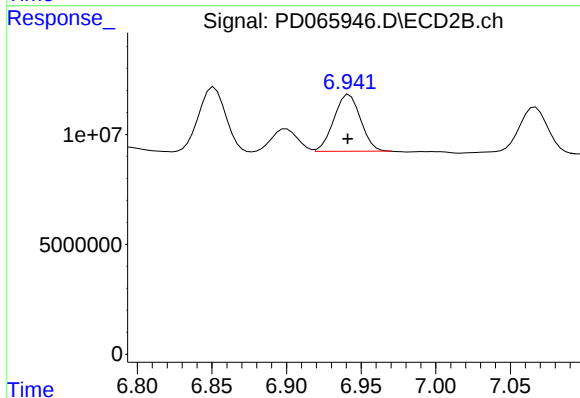
#15 Endosulfan II

R.T.: 6.318 min
Delta R.T.: 0.004 min
Response: 8205373
Conc: 7.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-05-092421MSD

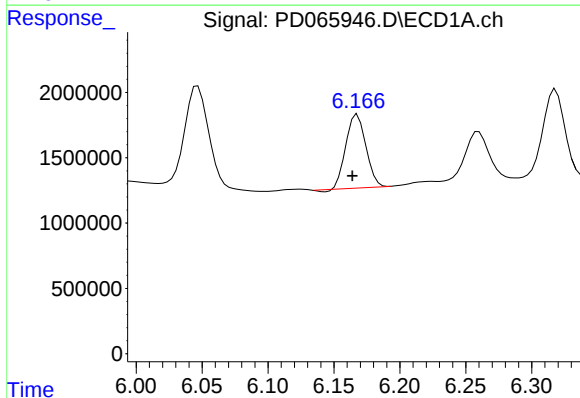
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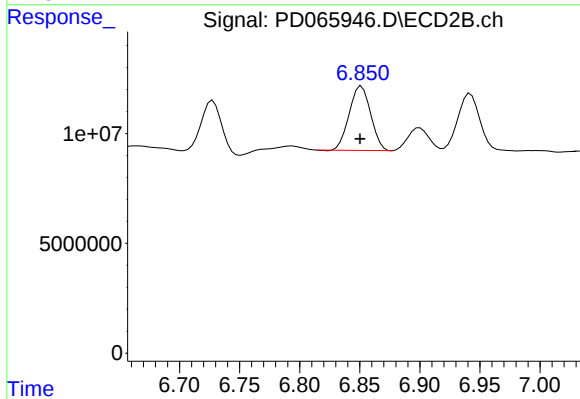
#15 Endosulfan II

R.T.: 6.942 min
Delta R.T.: 0.001 min
Response: 32263873
Conc: 6.66 ng/ml



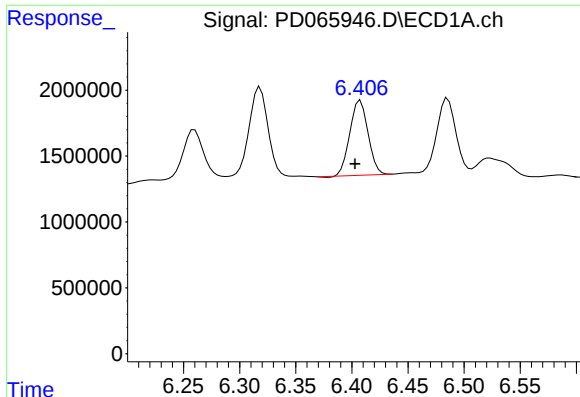
#16 4,4'-DDD

R.T.: 6.168 min
Delta R.T.: 0.004 min
Response: 5893301
Conc: 6.01 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.001 min
Response: 36371911
Conc: 7.40 ng/ml



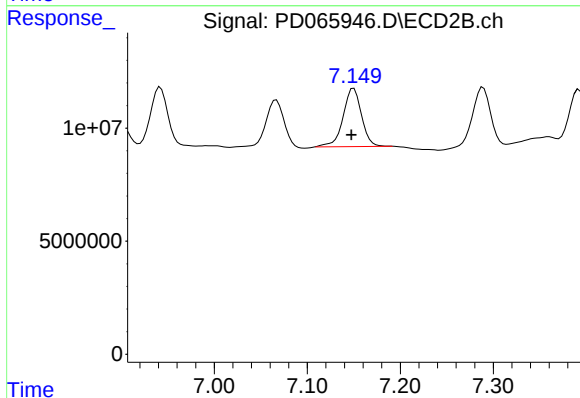
#17 4,4'-DDT

R.T.: 6.408 min
Delta R.T.: 0.005 min
Response: 6394376
Conc: 5.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-05-092421MSD

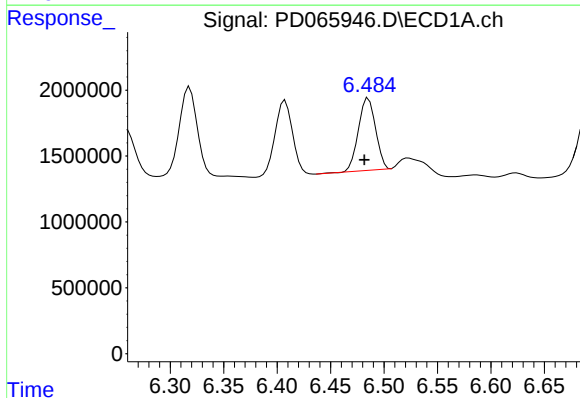
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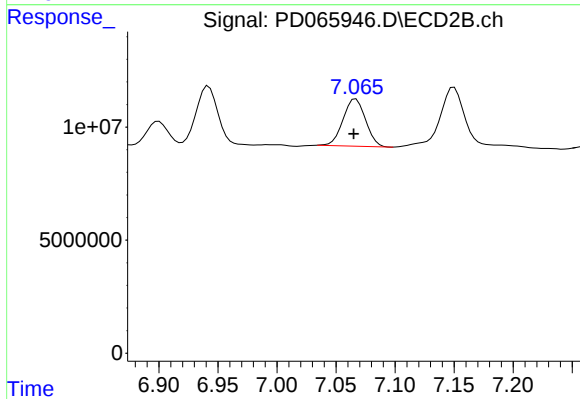
#17 4,4'-DDT

R.T.: 7.150 min
Delta R.T.: 0.002 min
Response: 35388649
Conc: 7.01 ng/ml



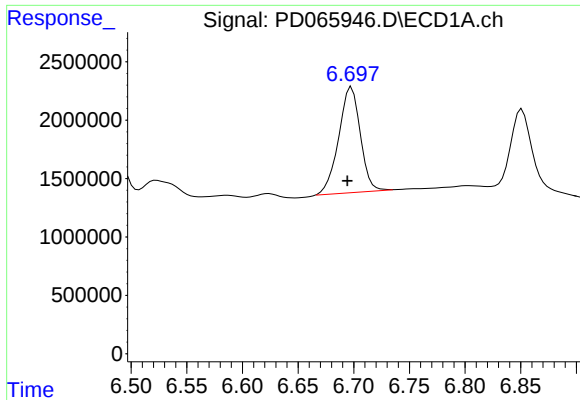
#18 Endrin aldehyde

R.T.: 6.485 min
Delta R.T.: 0.004 min
Response: 6130631
Conc: 6.92 ng/ml



#18 Endrin aldehyde

R.T.: 7.067 min
Delta R.T.: 0.002 min
Response: 27838163
Conc: 7.11 ng/ml



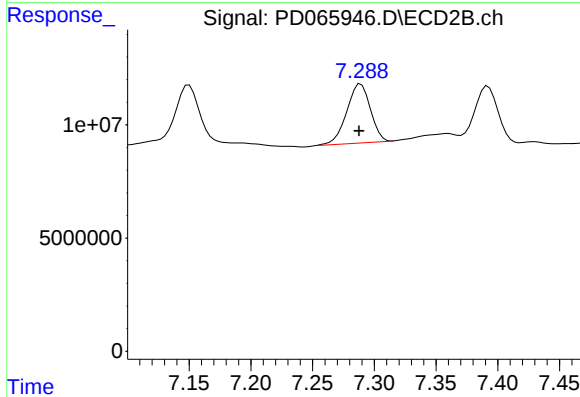
#19 Endosulfan Sulfate

R.T.: 6.698 min
Delta R.T.: 0.004 min
Response: 12279663
Conc: 10.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-05-092421MSD

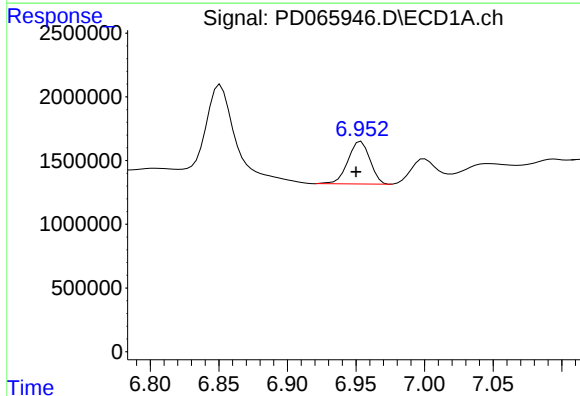
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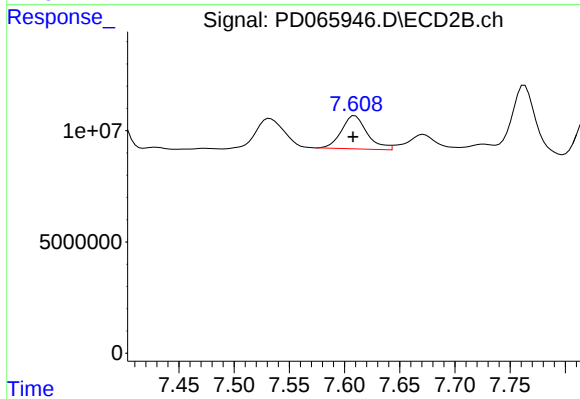
#19 Endosulfan Sulfate

R.T.: 7.289 min
Delta R.T.: 0.001 min
Response: 34806654
Conc: 7.06 ng/ml



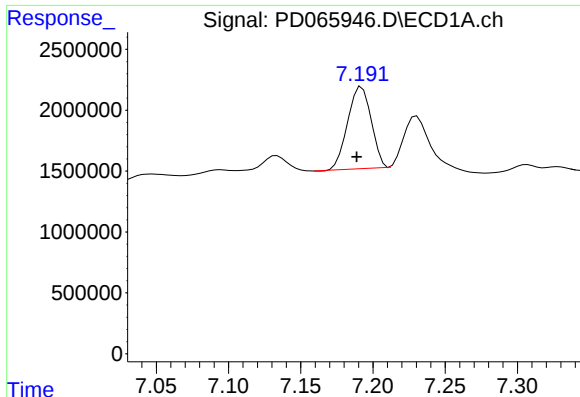
#20 Methoxychlor

R.T.: 6.954 min
Delta R.T.: 0.004 min
Response: 3730785
Conc: 5.46 ng/ml



#20 Methoxychlor

R.T.: 7.609 min
Delta R.T.: 0.002 min
Response: 24184150
Conc: 9.19 ng/ml



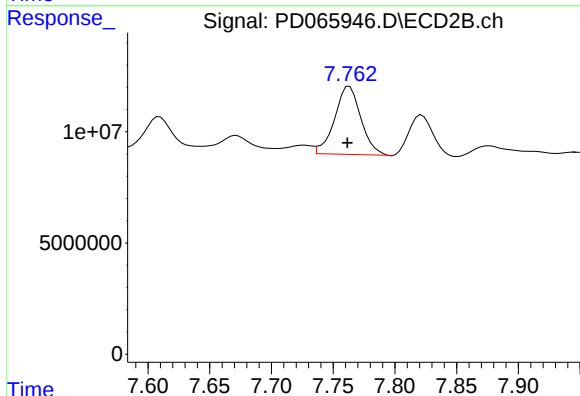
#21 Endrin ketone

R.T.: 7.192 min
Delta R.T.: 0.004 min
Response: 7607007
Conc: 5.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-05-092421MSD

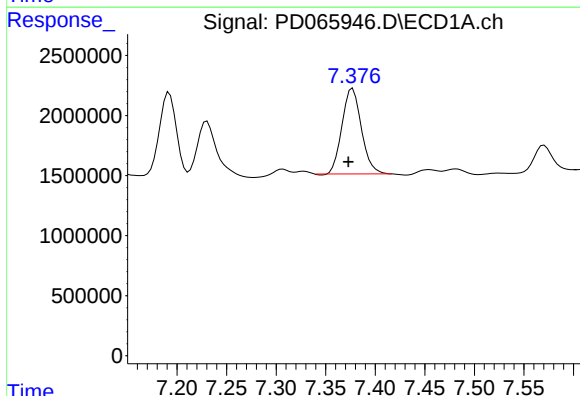
Manual Integrations
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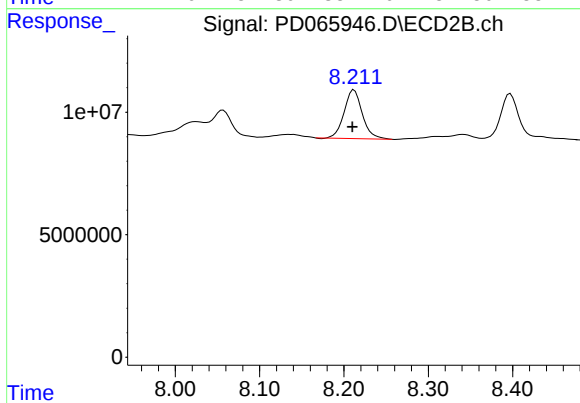
#21 Endrin ketone

R.T.: 7.763 min
Delta R.T.: 0.002 min
Response: 45448081
Conc: 7.97 ng/ml



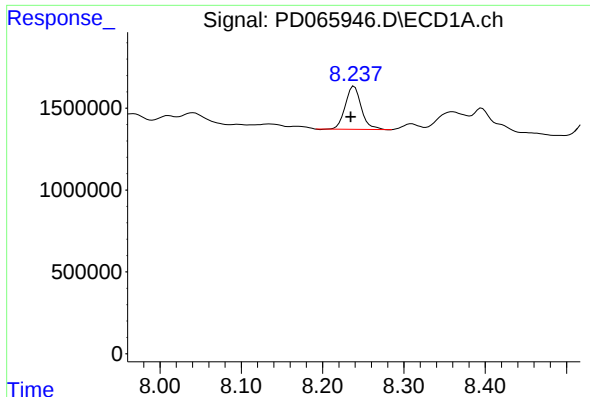
#22 Mirex

R.T.: 7.377 min
Delta R.T.: 0.004 min
Response: 9685283
Conc: 8.02 ng/ml



#22 Mirex

R.T.: 8.212 min
Delta R.T.: 0.002 min
Response: 29648513
Conc: 7.51 ng/ml



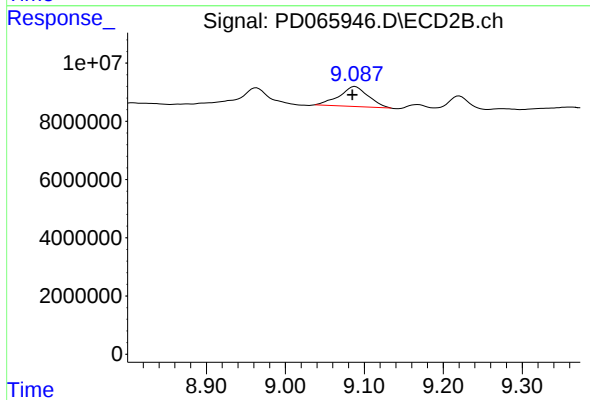
#28 Decachlorobiphenyl

R.T.: 8.239 min
Delta R.T.: 0.004 min
Response: 3555598
Conc: 2.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-05-092421MSD

Manual Integrations
APPROVED

mohammad
9/29/2021 9:32:13 AM



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.003 min
Response: 17390037
Conc: 4.49 ng/ml