

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092821\
 Data File : PD065942.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2021 11:58
 Operator : AR\AJ
 Sample : M3950-01MSD 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HD-02-092421MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 16:19:36 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...	3.493	4.013	2566677	21391058	3.466	3.725
28) SA Decachlor...	8.236	9.086	3736921	12606063	2.736	3.257
Target Compounds						
2) A alpha-BHC	3.932	4.408	7737086	63980519	6.889	7.609
3) MA gamma-BHC...	4.215	4.694	8014629	59082048	7.147	7.647
4) MA Heptachlor	4.513	5.197	9036982	56148066	7.576	7.738
5) MB Aldrin	4.760	5.501	8031273	52402761	7.179	7.789m
6) B beta-BHC	4.465	4.870	5705238	28314595	9.994	7.661
7) B delta-BHC	4.668	5.086	5899470	48562443	5.219	6.748m#
8) B Heptachlo...	5.203	5.892	8784766	39788366	7.845	7.699
9) A Endosulfan I	5.542	6.251	7951498	43363702	7.312	7.846
10) B gamma-Chl...	5.428	6.125	9119815	48093331	7.552	8.019m
11) B alpha-Chl...	5.486	6.198	9089017	46876608	7.678	7.810
12) B 4,4'-DDE	5.649	6.357	7688216	46136374	7.063	7.999
13) MA Dieldrin	5.785	6.509	8970741	45441386	7.740	7.711
14) MA Endrin	6.042	6.728	8053040	39408368	7.611	7.993
15) B Endosulfa...	6.314	6.941	8497610	38340264	7.866	7.915
16) A 4,4'-DDD	6.164	6.851	6869703	38935973	7.003	7.923
17) MA 4,4'-DDT	6.404	7.149	7589238	37336544	6.895	7.391
18) B Endrin al...	6.483	7.066	7265939	31296318	8.198	7.994
19) B Endosulfa...	6.695	7.288	8634468	36775654	7.565	7.456
20) A Methoxychlor	6.951	7.609	4494532	21675964	6.577	8.237 #
21) B Endrin ke...	7.189	7.762	9754418	46553819	6.925	8.163
22) Mirex	7.374	8.211	10987793	34389865	9.101	8.709

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092821\
Data File : PD065942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Sep 2021 11:58
Operator : AR\AJ
Sample : M3950-01MSD 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

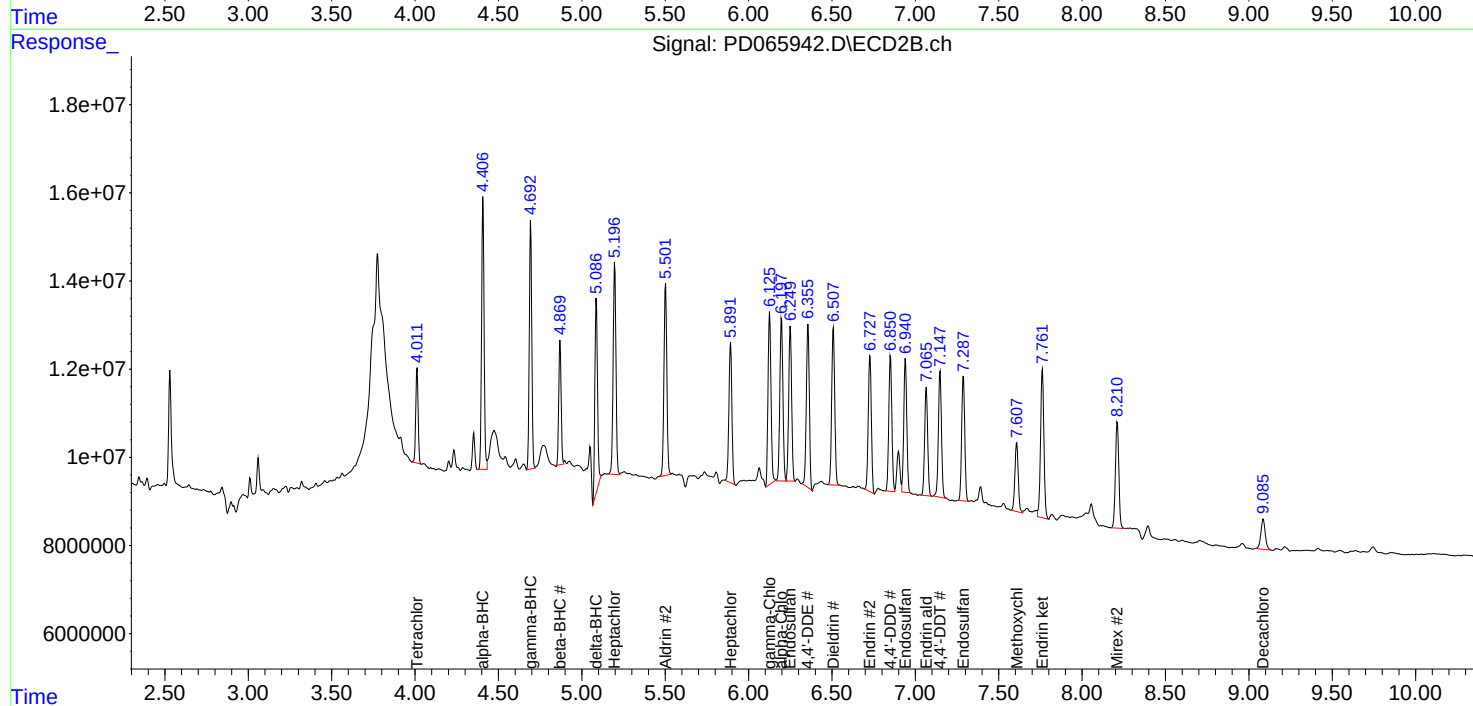
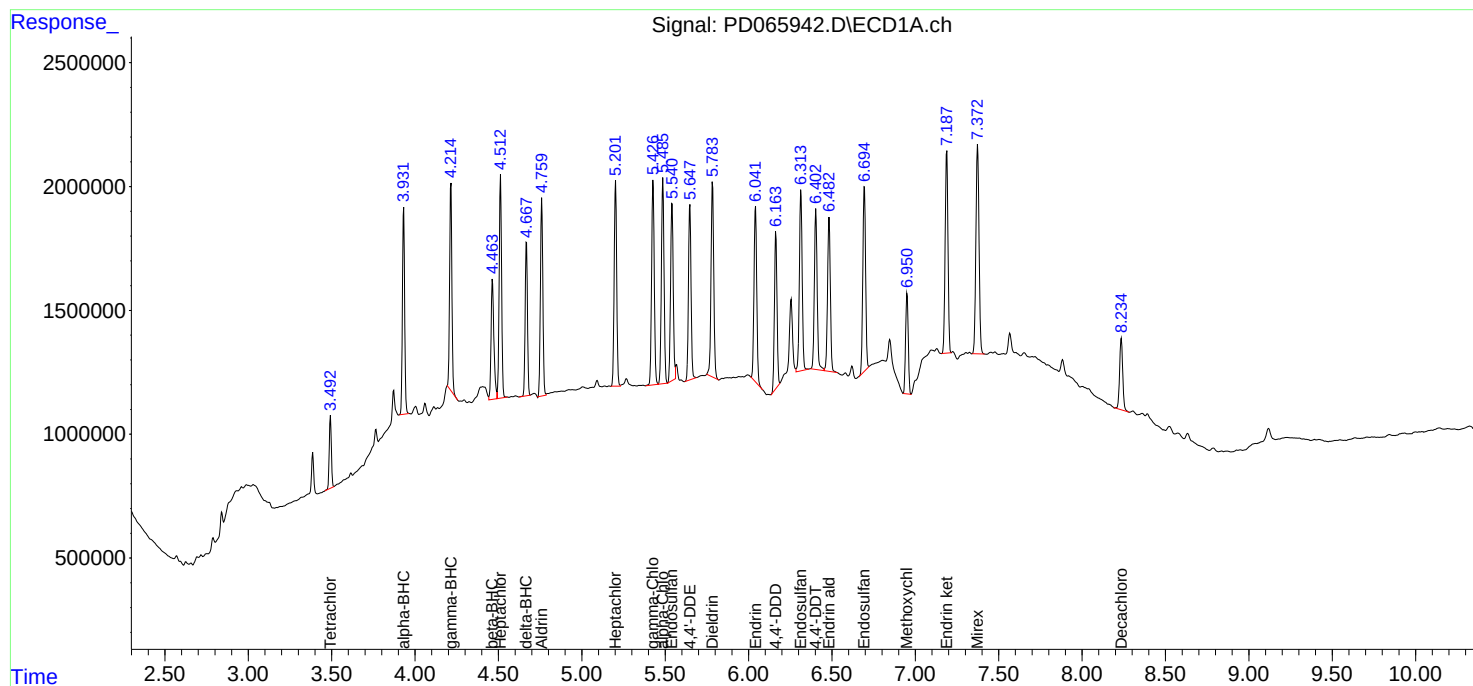
Instrument :
ECD_D
ClientSampleId :
HD-02-092421MSD

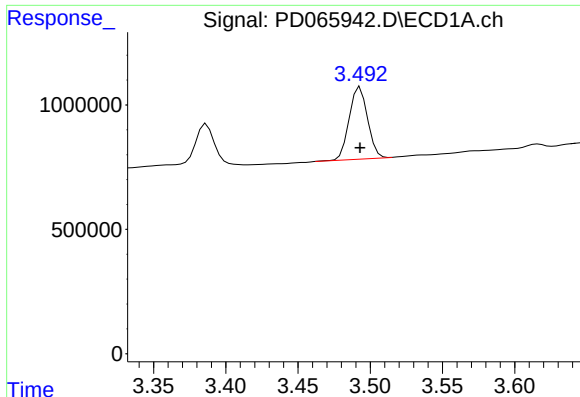
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 28 16:19:36 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
Quant Title : GC Extractables
QLast Update : Thu Sep 23 12:18:33 2021
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Integrator: 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





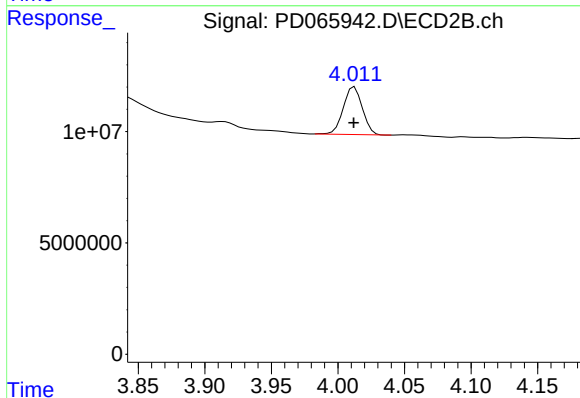
#1 Tetrachloro-m-xylene

R.T.: 3.493 min
Delta R.T.: 0.000 min
Response: 2566677
Conc: 3.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MSD

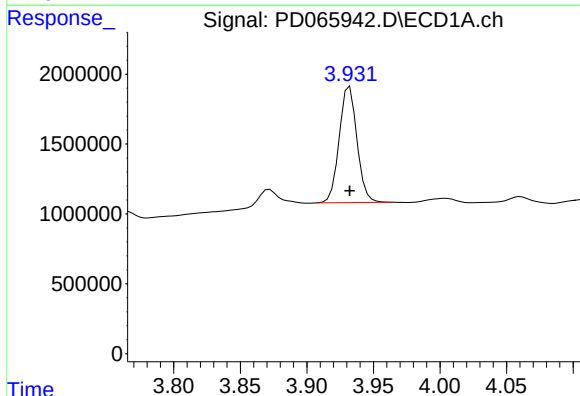
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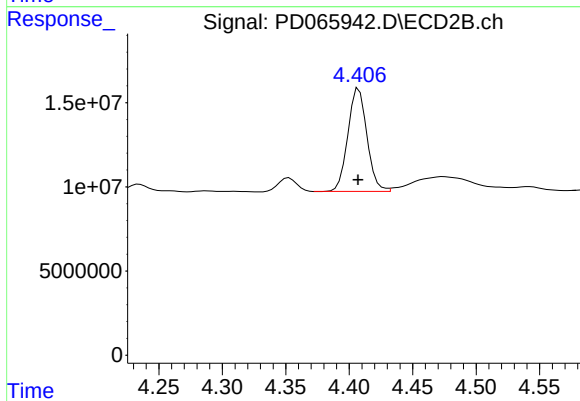
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 21391058
Conc: 3.73 ng/ml



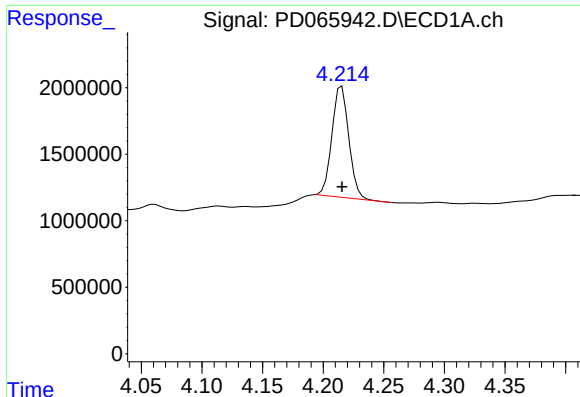
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 7737086
Conc: 6.89 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 63980519
Conc: 7.61 ng/ml



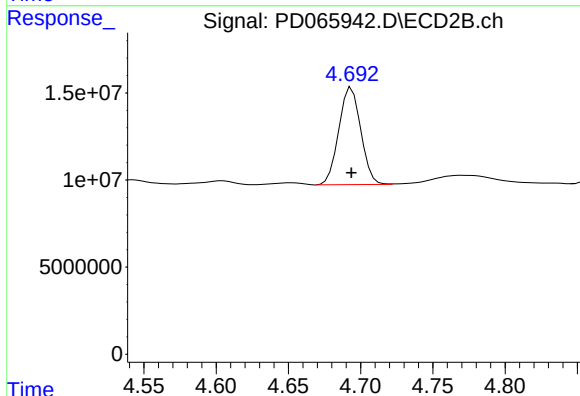
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 8014629
Conc: 7.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MSD

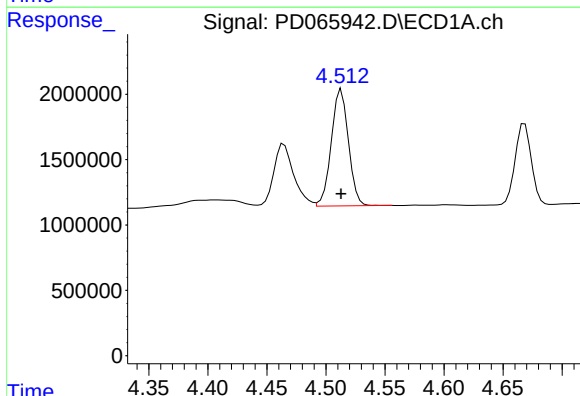
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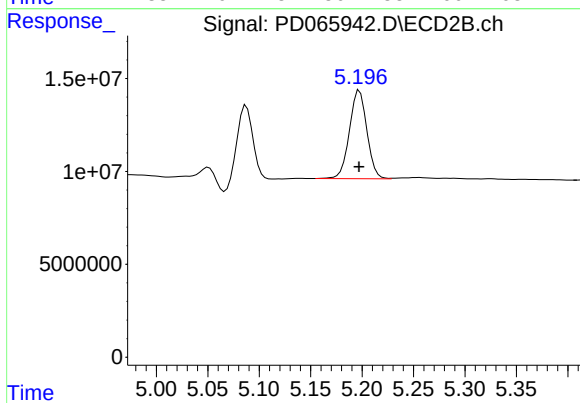
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 59082048
Conc: 7.65 ng/ml



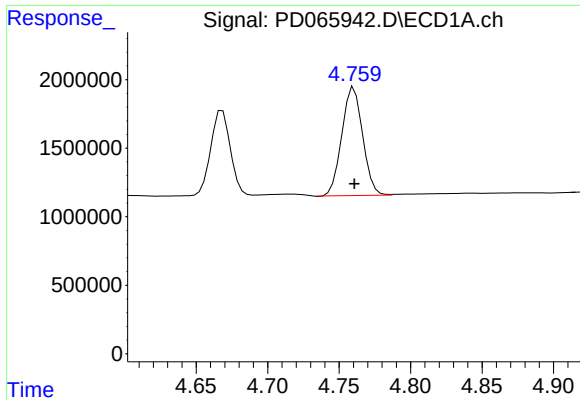
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 9036982
Conc: 7.58 ng/ml



#4 Heptachlor

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 56148066
Conc: 7.74 ng/ml



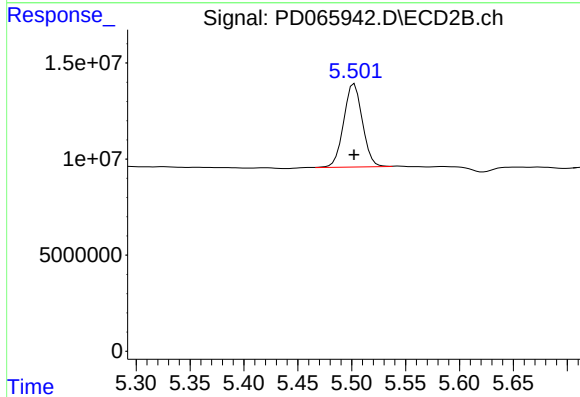
#5 Aldrin

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 8031273
Conc: 7.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MSD

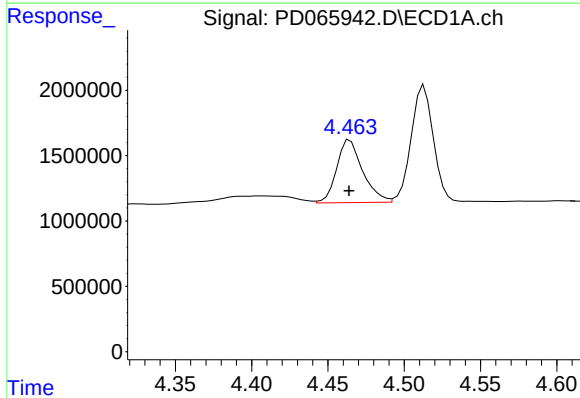
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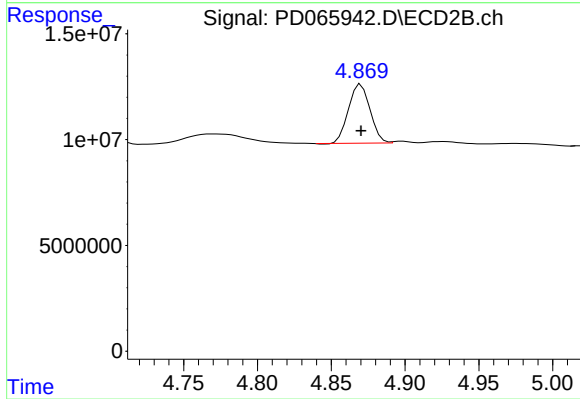
#5 Aldrin

R.T.: 5.501 min
Delta R.T.: -0.001 min
Response: 52402761
Conc: 7.79 ng/ml m



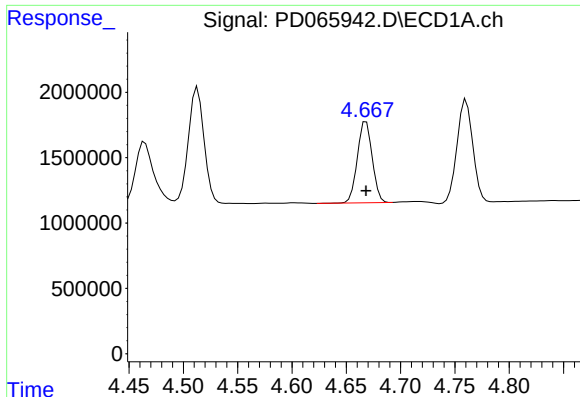
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 5705238
Conc: 9.99 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 28314595
Conc: 7.66 ng/ml



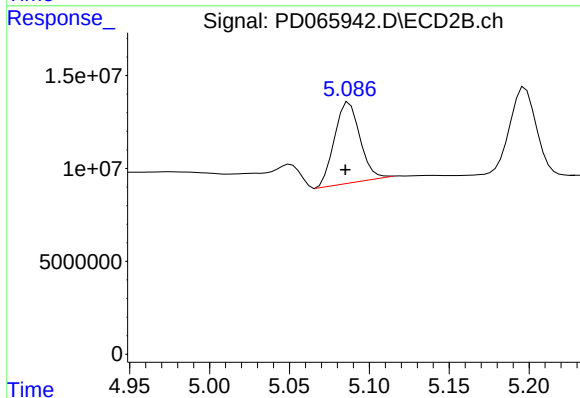
#7 delta-BHC

R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 5899470
Conc: 5.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MSD

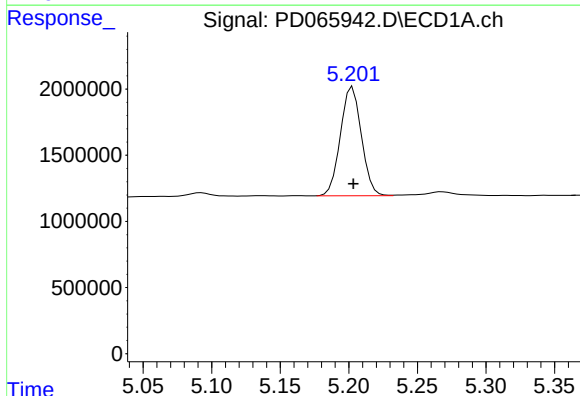
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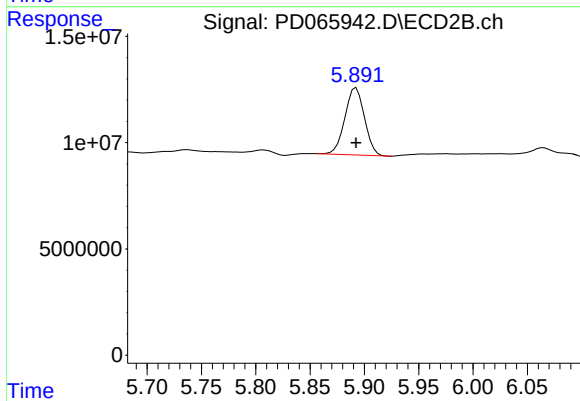
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 48562443
Conc: 6.75 ng/ml m



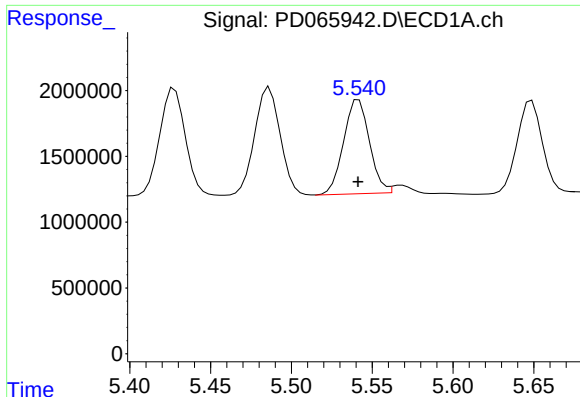
#8 Heptachlor epoxide

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 8784766
Conc: 7.85 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 39788366
Conc: 7.70 ng/ml



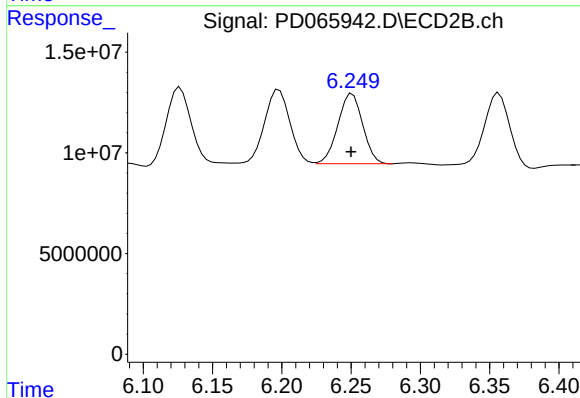
#9 Endosulfan I

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 7951498
Conc: 7.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MSD

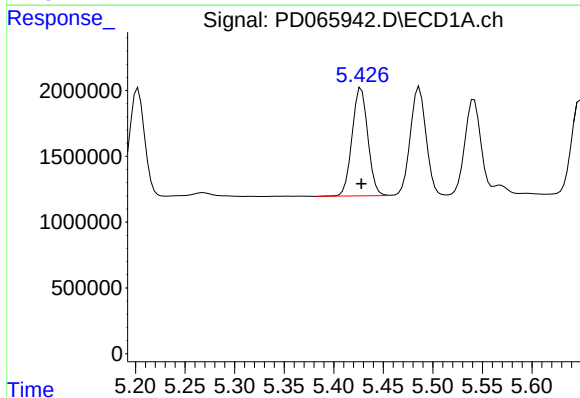
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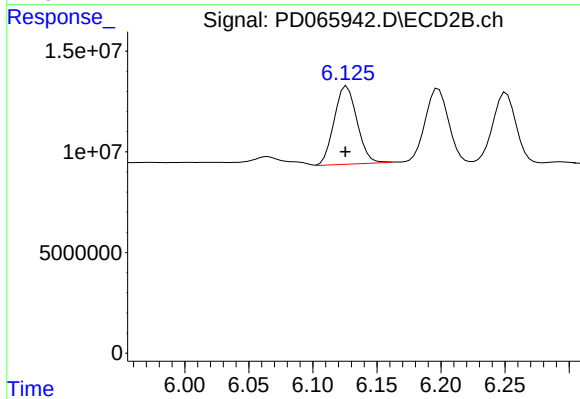
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 43363702
Conc: 7.85 ng/ml



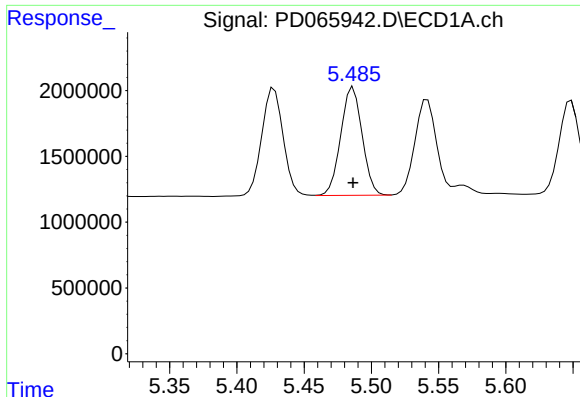
#10 gamma-Chlordane

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 9119815
Conc: 7.55 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 48093331
Conc: 8.02 ng/ml m



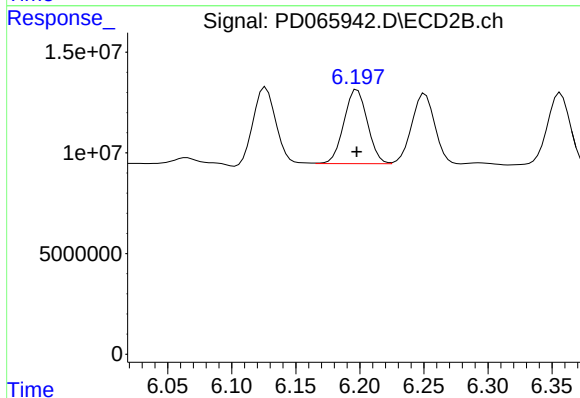
#11 alpha-Chlordane

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 9089017
Conc: 7.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MSD

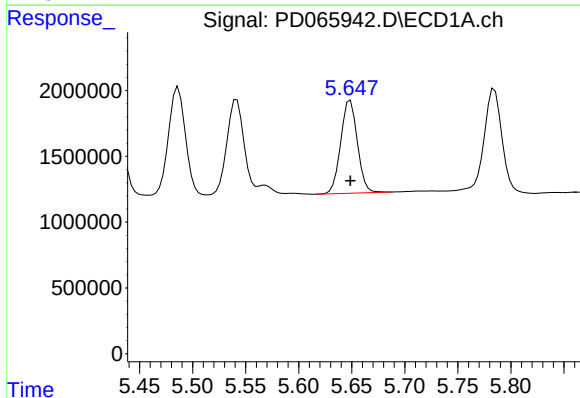
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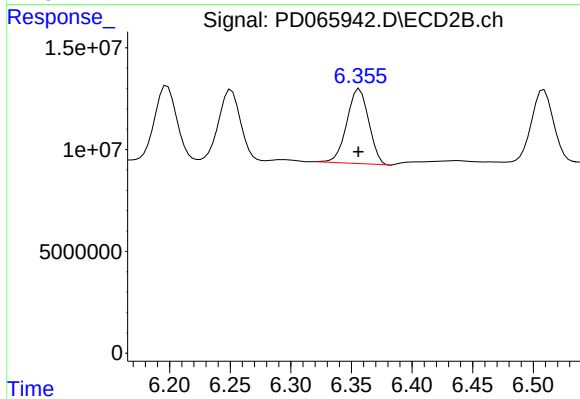
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 46876608
Conc: 7.81 ng/ml



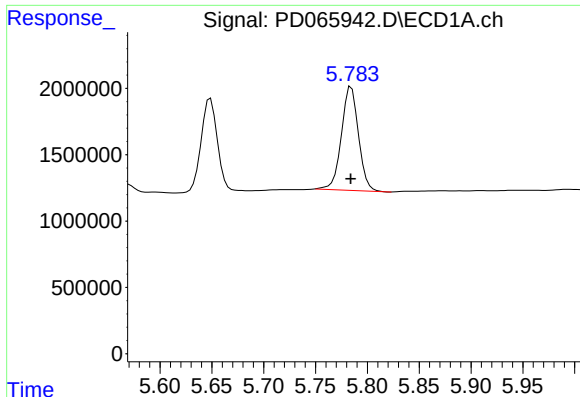
#12 4,4'-DDE

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 7688216
Conc: 7.06 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.001 min
Response: 46136374
Conc: 8.00 ng/ml



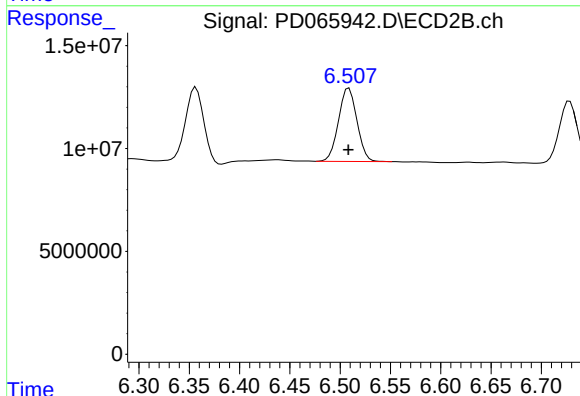
#13 Dieldrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 8970741
Conc: 7.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
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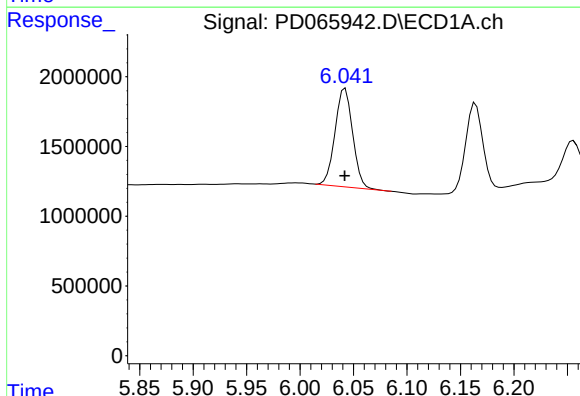
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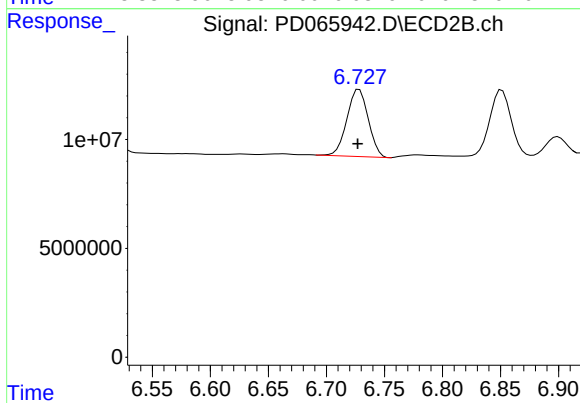
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 45441386
Conc: 7.71 ng/ml



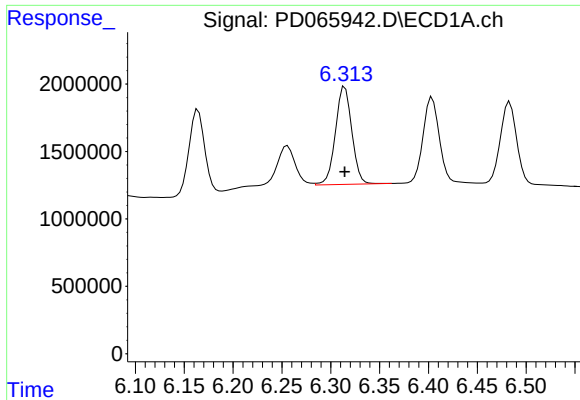
#14 Endrin

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 8053040
Conc: 7.61 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.001 min
Response: 39408368
Conc: 7.99 ng/ml



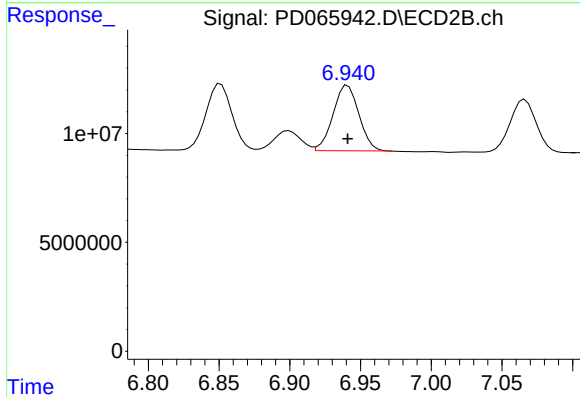
#15 Endosulfan II

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 8497610
Conc: 7.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
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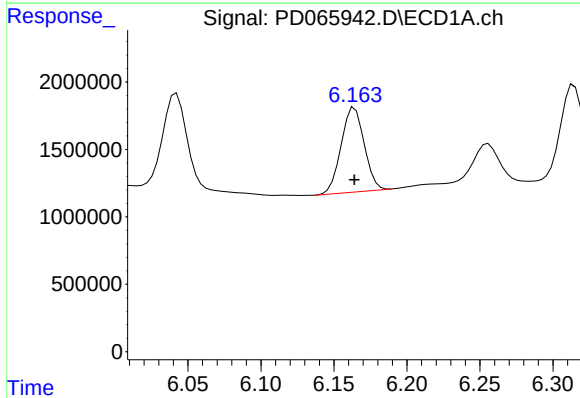
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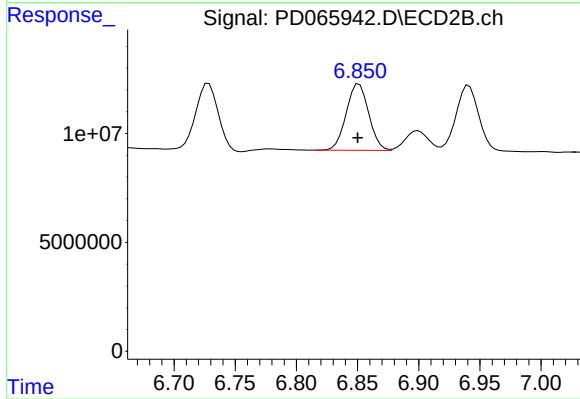
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 38340264
Conc: 7.92 ng/ml



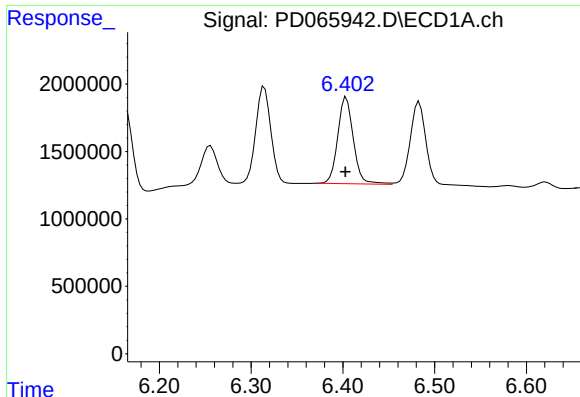
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 6869703
Conc: 7.00 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 38935973
Conc: 7.92 ng/ml



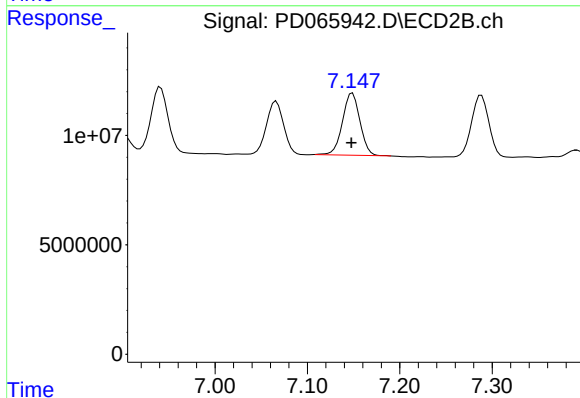
#17 4,4'-DDT

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 7589238
Conc: 6.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MSD

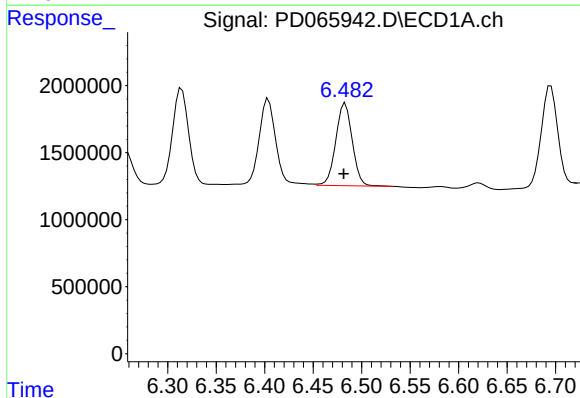
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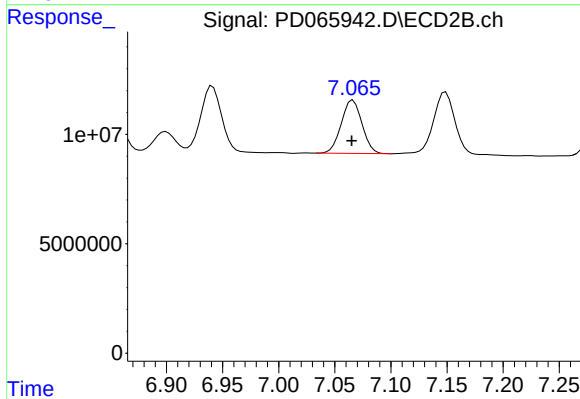
#17 4,4'-DDT

R.T.: 7.149 min
Delta R.T.: 0.001 min
Response: 37336544
Conc: 7.39 ng/ml



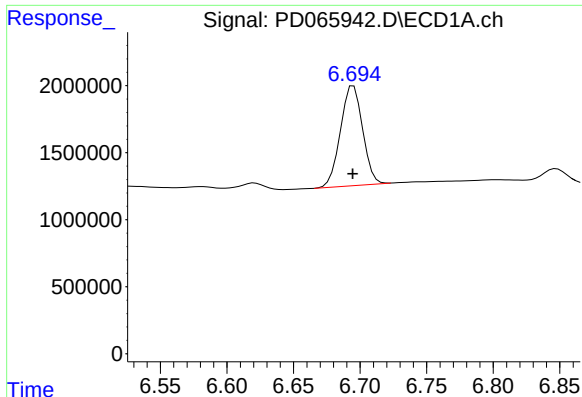
#18 Endrin aldehyde

R.T.: 6.483 min
Delta R.T.: 0.002 min
Response: 7265939
Conc: 8.20 ng/ml



#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: 0.001 min
Response: 31296318
Conc: 7.99 ng/ml



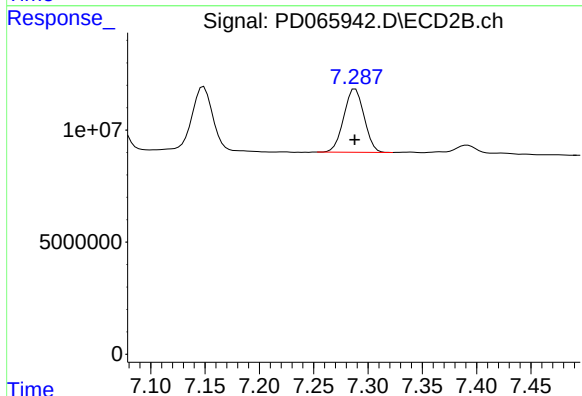
#19 Endosulfan Sulfate

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 8634468
Conc: 7.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
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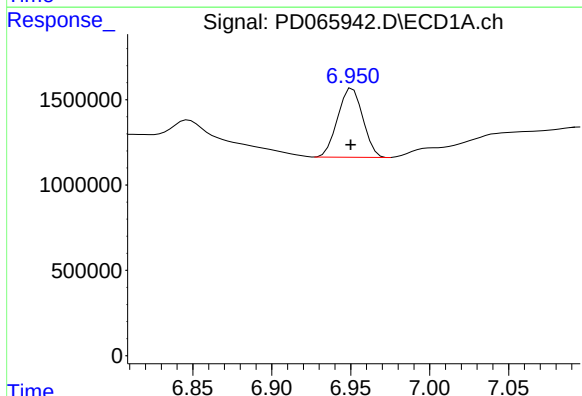
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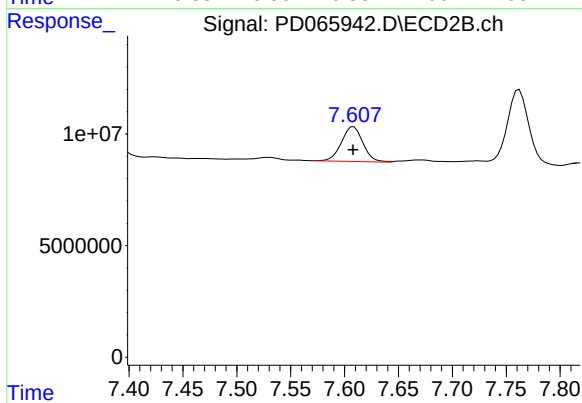
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 36775654
Conc: 7.46 ng/ml



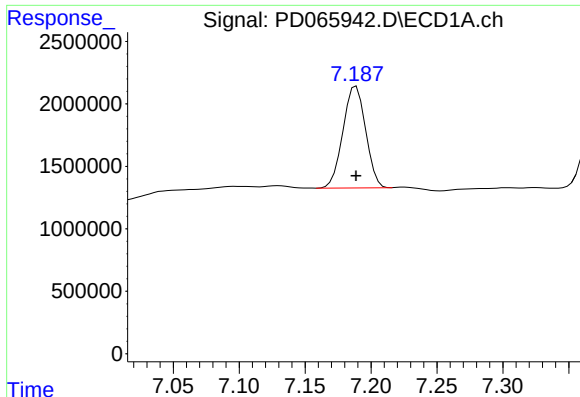
#20 Methoxychlor

R.T.: 6.951 min
Delta R.T.: 0.001 min
Response: 4494532
Conc: 6.58 ng/ml



#20 Methoxychlor

R.T.: 7.609 min
Delta R.T.: 0.000 min
Response: 21675964
Conc: 8.24 ng/ml



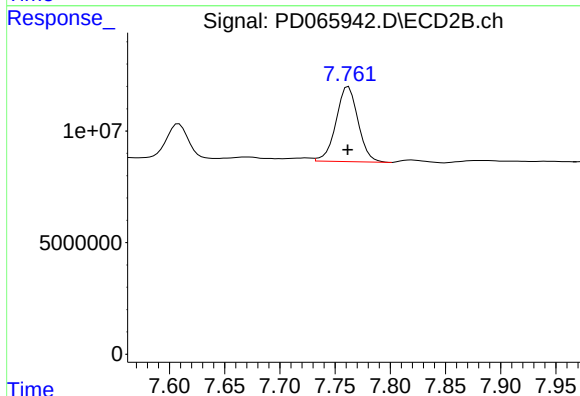
#21 Endrin ketone

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 9754418
Conc: 6.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MSD

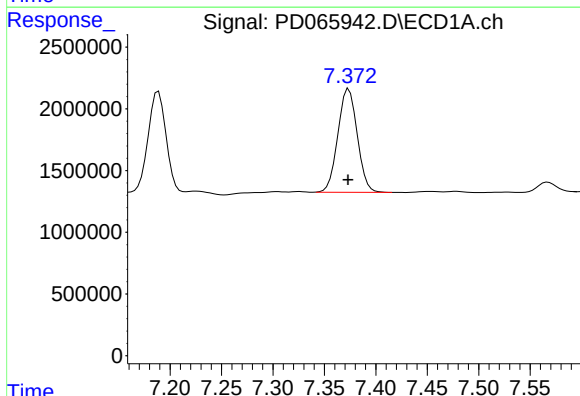
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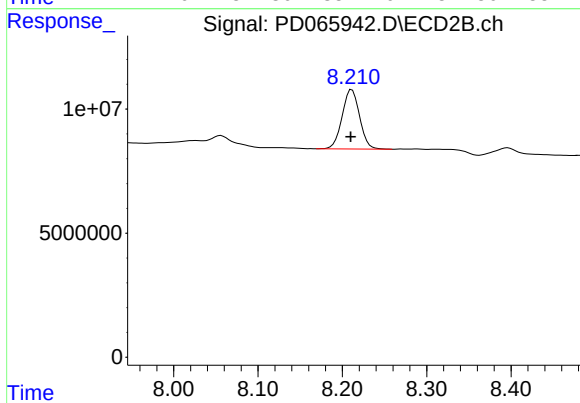
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 46553819
Conc: 8.16 ng/ml



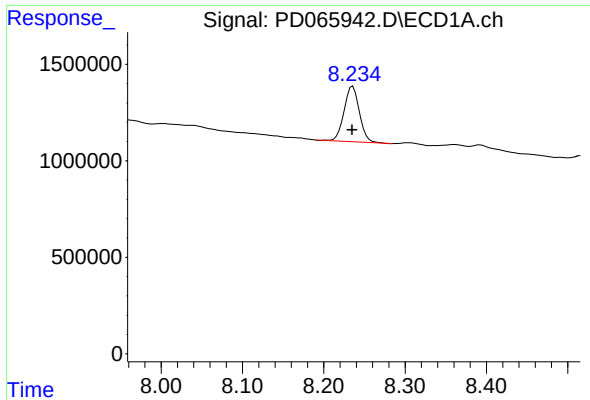
#22 Mirex

R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 10987793
Conc: 9.10 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.001 min
Response: 34389865
Conc: 8.71 ng/ml



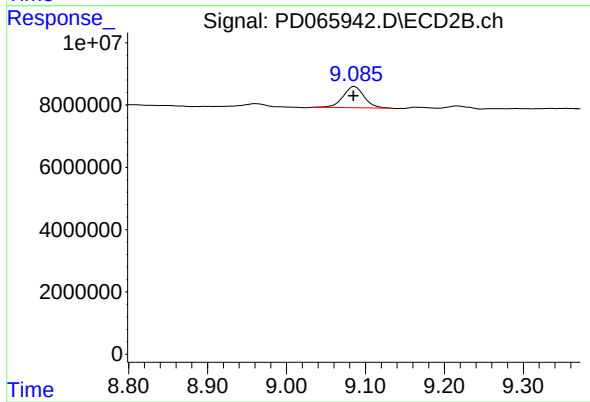
#28 Decachlorobiphenyl

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 3736921
Conc: 2.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MSD

Manual Integrations
APPROVED

mohammad
9/29/2021 9:32:03 AM



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.001 min
Response: 12606063
Conc: 3.26 ng/ml