

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091321\
 Data File : PD065687.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2021 13:34
 Operator : AR\AJ
 Sample : M3707-01MS 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-02-091021MS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 02:16:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 09 15:08:21 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...	3.494	4.012	2188188	20025213	2.233	2.732
28) SA Decachlor...	8.236	9.085	3228045	16605832	1.872	3.112m#
Target Compounds						
2) A alpha-BHC	3.933	4.407	7004896	59022262	4.862	5.579
3) MA gamma-BHC...	4.217	4.694	8469488	64035915	5.868	6.498
4) MA Heptachlor	4.514	5.197	7988153	56803639	5.263	6.247
5) MB Aldrin	4.762	5.502	6984880	52915283	4.888	6.272 #
6) B beta-BHC	4.464	4.869	5982832	22878993	2.680m	4.915m#
7) B delta-BHC	4.669	5.085	7039624	45912981	4.720	4.938m
8) B Heptachlo...	5.204	5.893	7405541	22089431	5.077	3.067 #
9) A Endosulfan I	5.543	6.250	5475393	39355813	3.863	5.588 #
10) B gamma-Chl...	5.428	6.125	7963637	47848653	5.214	6.372m
11) B alpha-Chl...	5.487	6.196	7860735	43168779	5.222	5.861m
12) B 4,4'-DDE	5.650	6.354	5881815	37909987	4.125	5.247m#
13) MA Dieldrin	5.784	6.509	10143009	36526572	6.555m	4.842 #
14) MA Endrin	6.043	6.726	7524363	33929862	5.472	5.688m
15) B Endosulfa...	6.315	6.940	7686142	38597010	5.352	6.021
16) A 4,4'-DDD	6.164	6.849	5413743	37223061	4.247m	5.963m#
17) MA 4,4'-DDT	6.405	7.148	5929404	31381476	4.308	5.152
18) B Endrin al...	6.484	7.064	6140560	29340191	4.868	5.370
19) B Endosulfa...	6.695	7.287	7501705	32761844	4.855	5.125
20) A Methoxychlor	6.951	7.607	3392038	18617129	4.045	5.720 #
21) B Endrin ke...	7.189	7.761	7405491	42772421	3.983	5.654 #
22) Mirex	7.374	8.210	7778141	24844425	4.961	4.697

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091321\
Data File : PD065687.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2021 13:34
Operator : AR\AJ
Sample : M3707-01MS 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

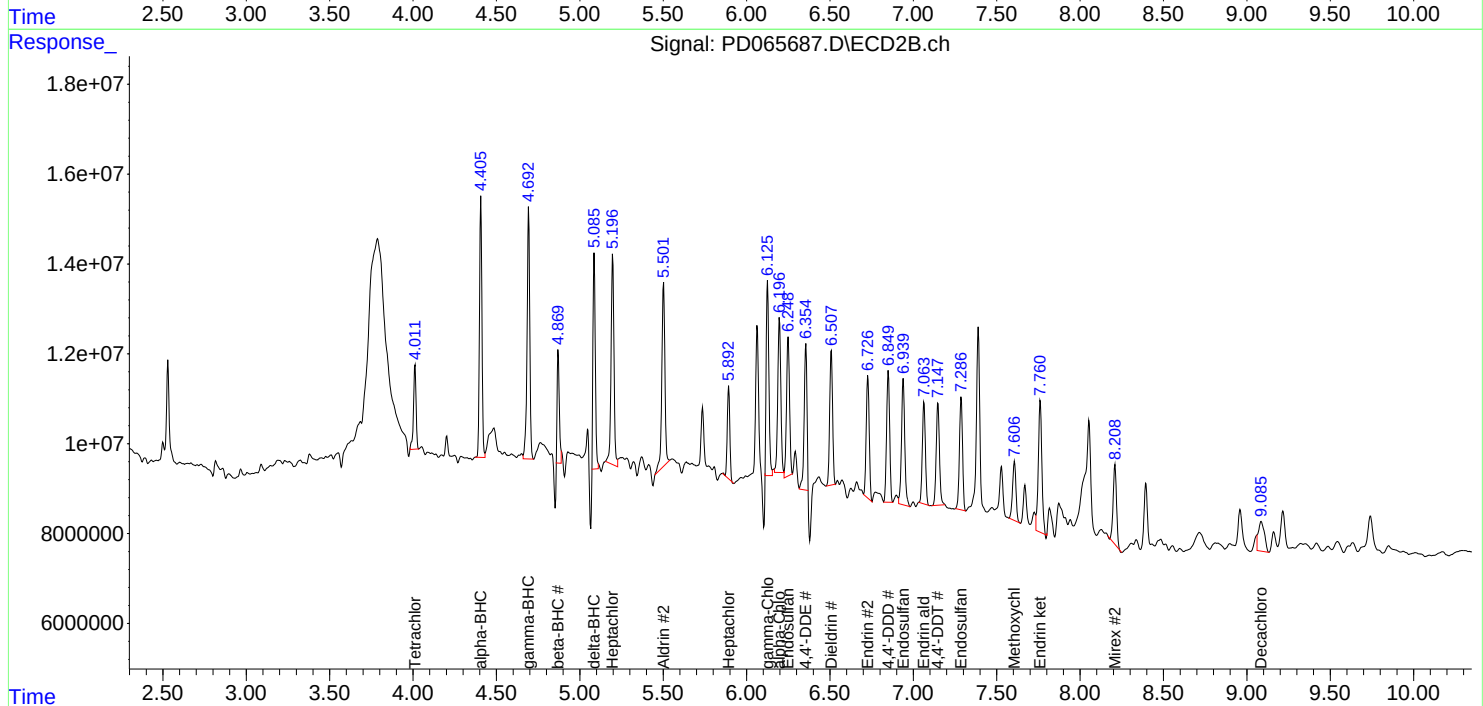
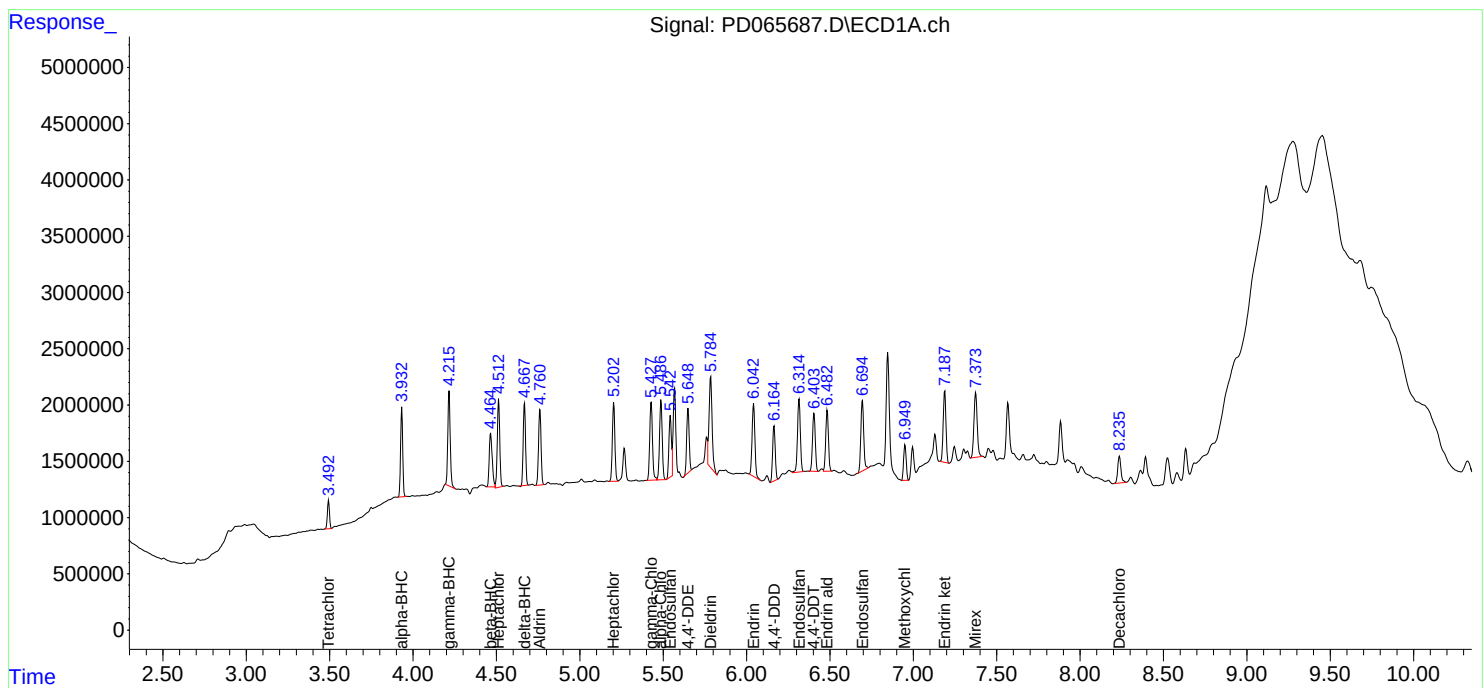
Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

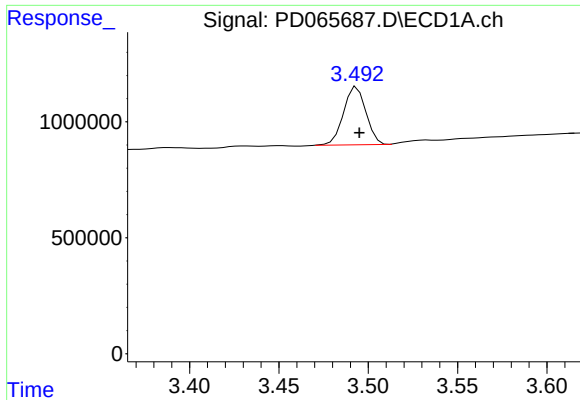
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 14 02:16:24 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Thu Sep 09 15:08:21 2021
Response 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





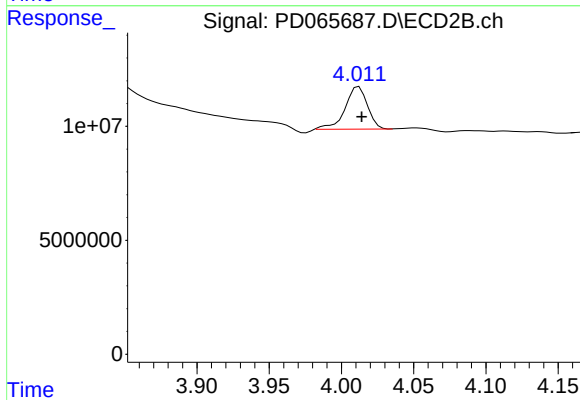
#1 Tetrachloro-m-xylene

R.T.: 3.494 min
Delta R.T.: -0.001 min
Response: 2188188
Conc: 2.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

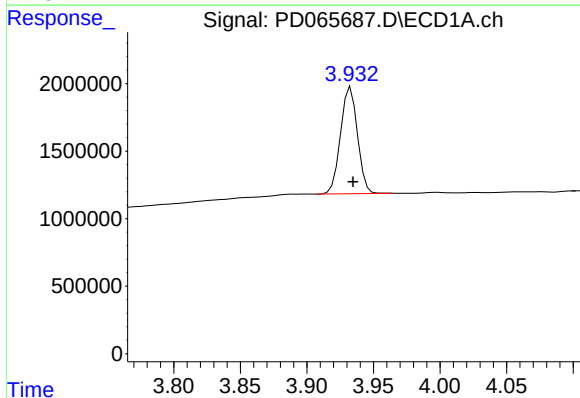
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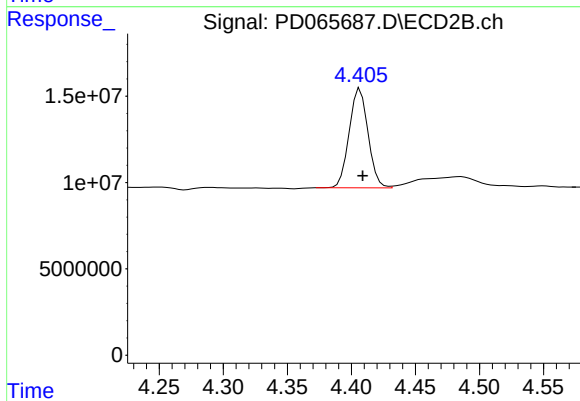
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 20025213
Conc: 2.73 ng/ml



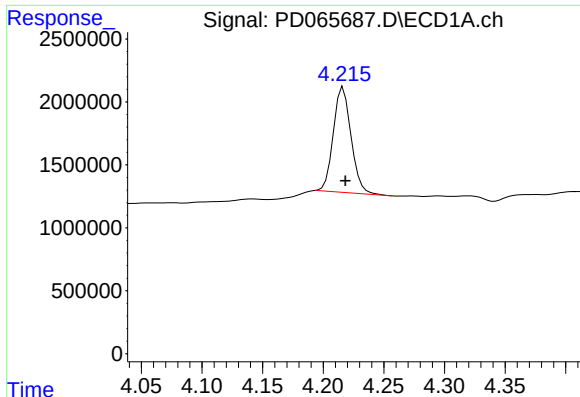
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: -0.002 min
Response: 7004896
Conc: 4.86 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: -0.002 min
Response: 59022262
Conc: 5.58 ng/ml



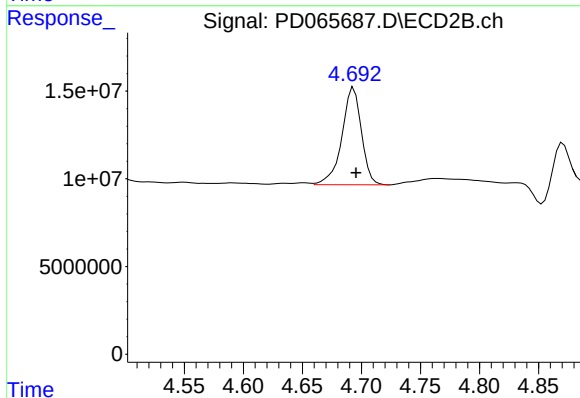
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: -0.002 min
Response: 8469488
Conc: 5.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

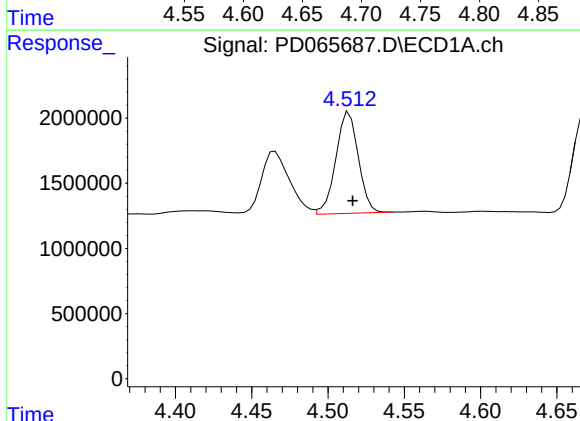
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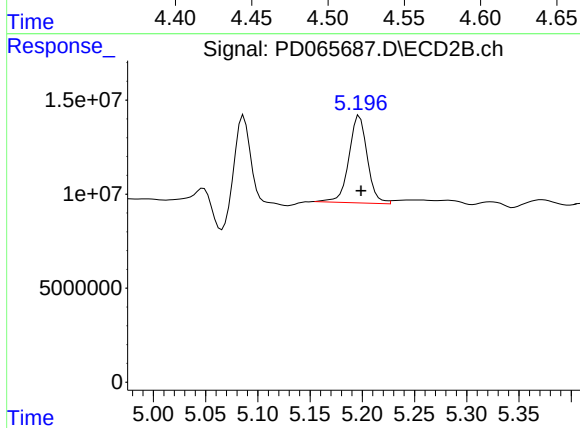
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: -0.002 min
Response: 64035915
Conc: 6.50 ng/ml



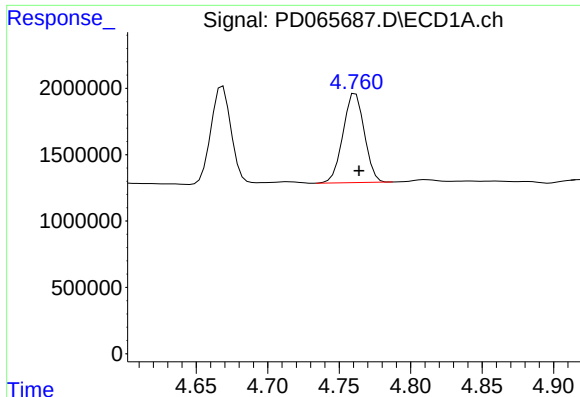
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 7988153
Conc: 5.26 ng/ml



#4 Heptachlor

R.T.: 5.197 min
Delta R.T.: -0.001 min
Response: 56803639
Conc: 6.25 ng/ml



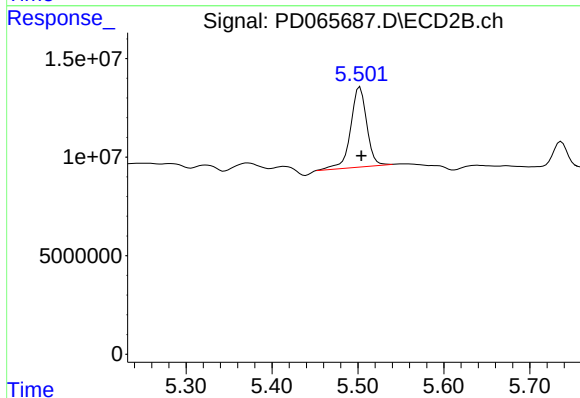
#5 Aldrin

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 6984880
Conc: 4.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

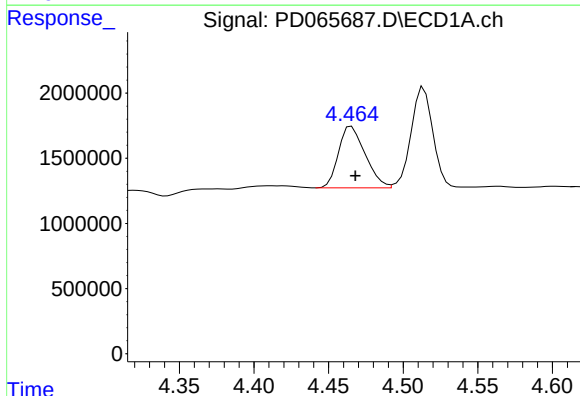
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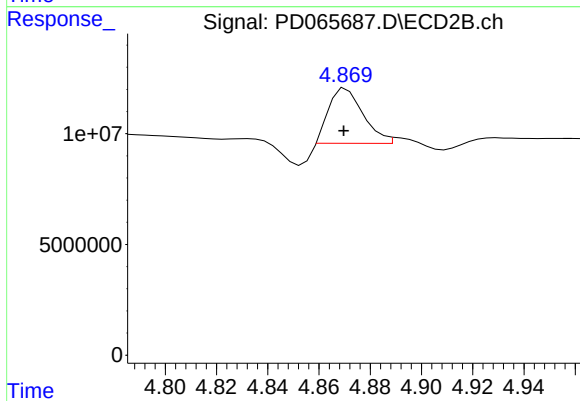
#5 Aldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 52915283
Conc: 6.27 ng/ml



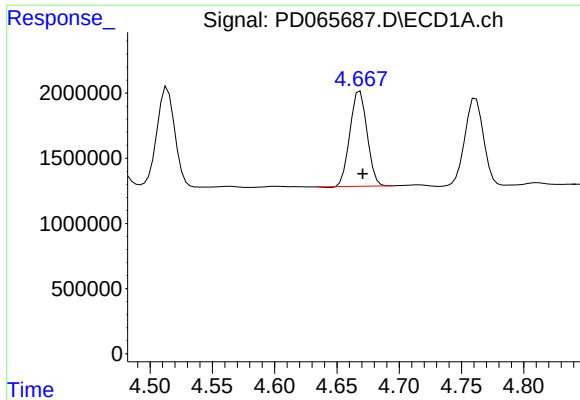
#6 beta-BHC

R.T.: 4.464 min
Delta R.T.: -0.004 min
Response: 5982832
Conc: 2.68 ng/ml m



#6 beta-BHC

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 22878993
Conc: 4.91 ng/ml m



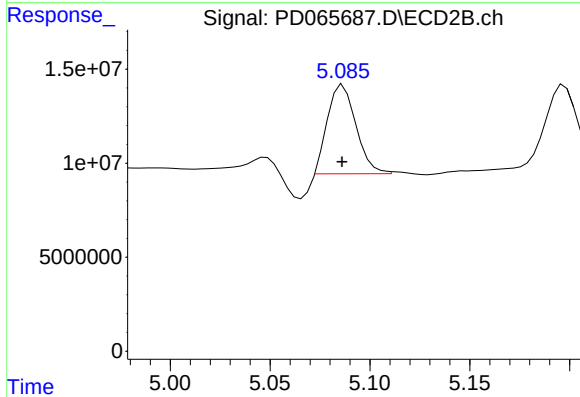
#7 delta-BHC

R.T.: 4.669 min
Delta R.T.: -0.002 min
Response: 7039624
Conc: 4.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

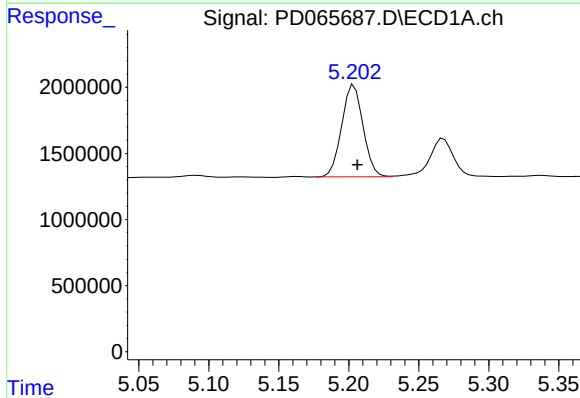
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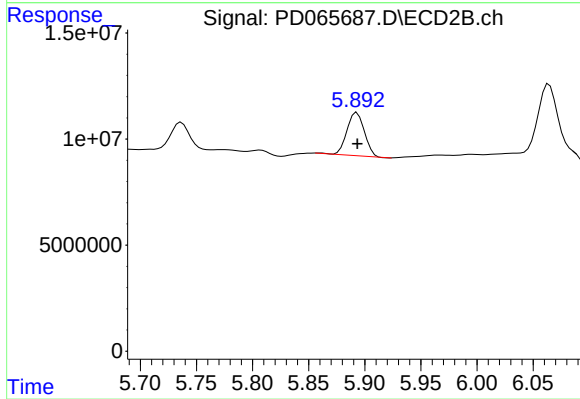
#7 delta-BHC

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 45912981
Conc: 4.94 ng/ml m



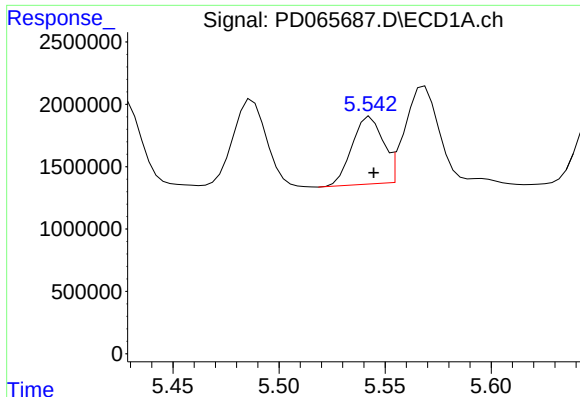
#8 Heptachlor epoxide

R.T.: 5.204 min
Delta R.T.: -0.002 min
Response: 7405541
Conc: 5.08 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 22089431
Conc: 3.07 ng/ml



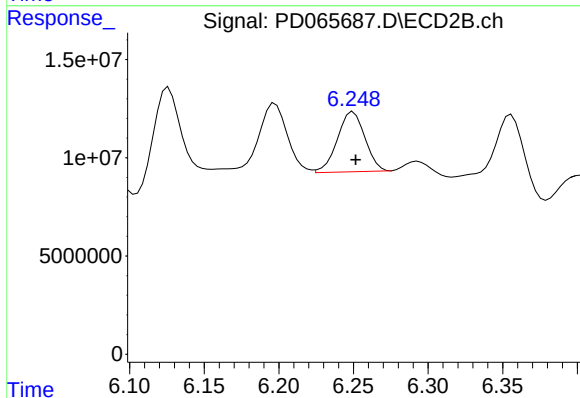
#9 Endosulfan I

R.T.: 5.543 min
Delta R.T.: -0.001 min
Response: 5475393
Conc: 3.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

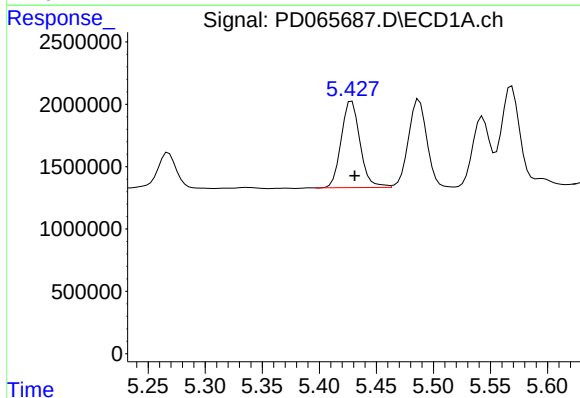
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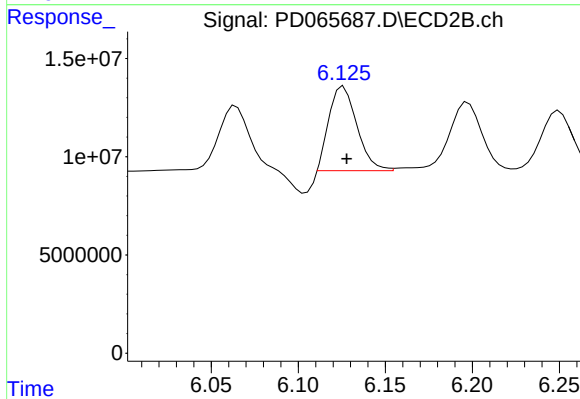
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 39355813
Conc: 5.59 ng/ml



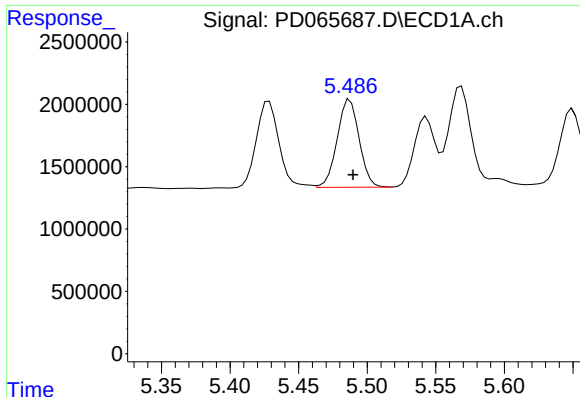
#10 gamma-Chlordane

R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 7963637
Conc: 5.21 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: -0.003 min
Response: 47848653
Conc: 6.37 ng/ml m



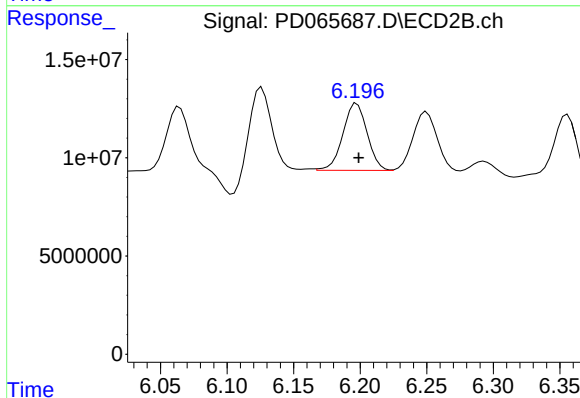
#11 alpha-Chlordane

R.T.: 5.487 min
Delta R.T.: -0.002 min
Response: 7860735
Conc: 5.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

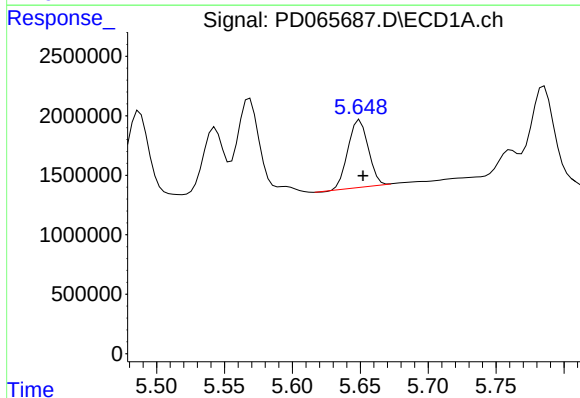
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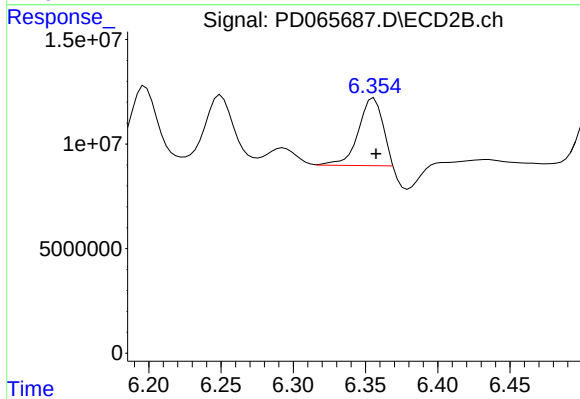
#11 alpha-Chlordane

R.T.: 6.196 min
Delta R.T.: -0.003 min
Response: 43168779
Conc: 5.86 ng/ml m



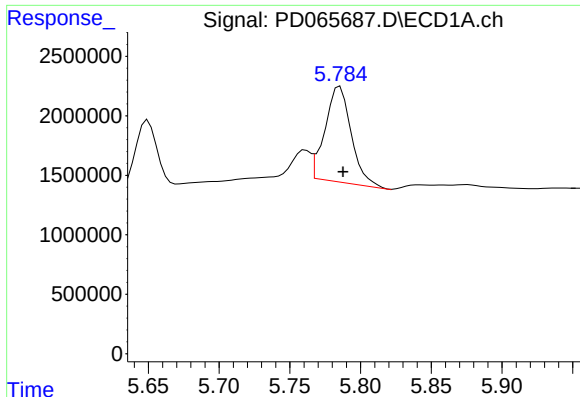
#12 4,4'-DDE

R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 5881815
Conc: 4.12 ng/ml



#12 4,4'-DDE

R.T.: 6.354 min
Delta R.T.: -0.003 min
Response: 37909987
Conc: 5.25 ng/ml m



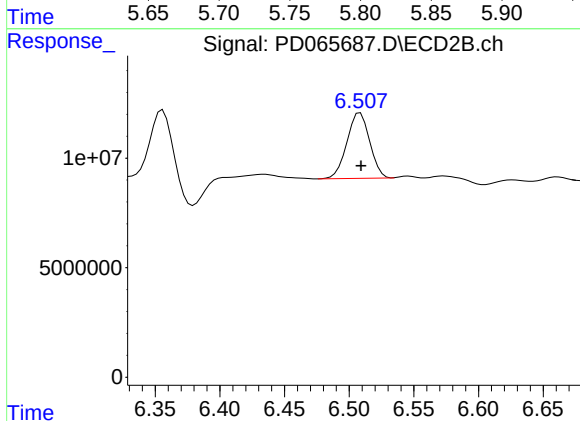
#13 Dieldrin

R.T.: 5.784 min
Delta R.T.: -0.004 min
Response: 10143009
Conc: 6.55 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

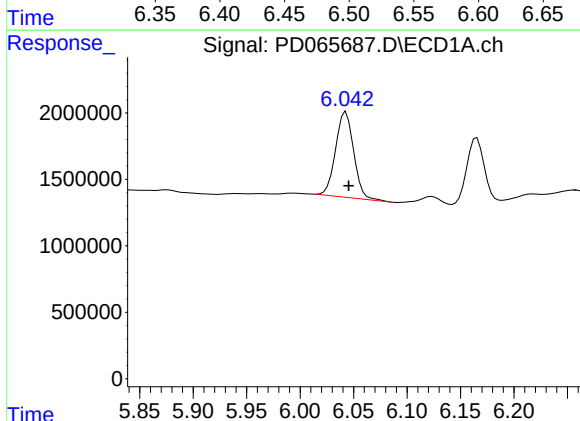
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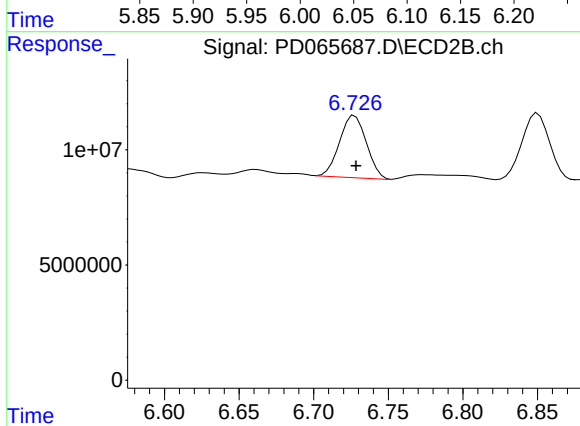
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 36526572
Conc: 4.84 ng/ml



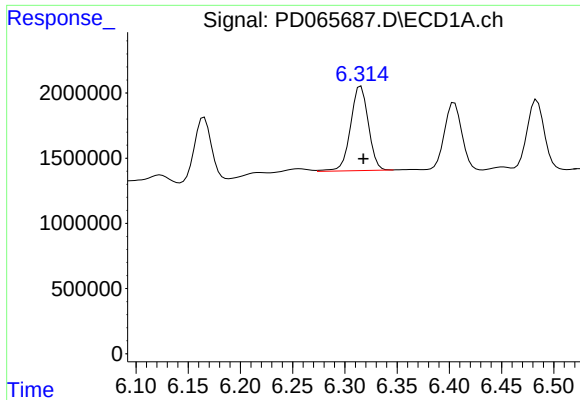
#14 Endrin

R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 7524363
Conc: 5.47 ng/ml



#14 Endrin

R.T.: 6.726 min
Delta R.T.: -0.002 min
Response: 33929862
Conc: 5.69 ng/ml m



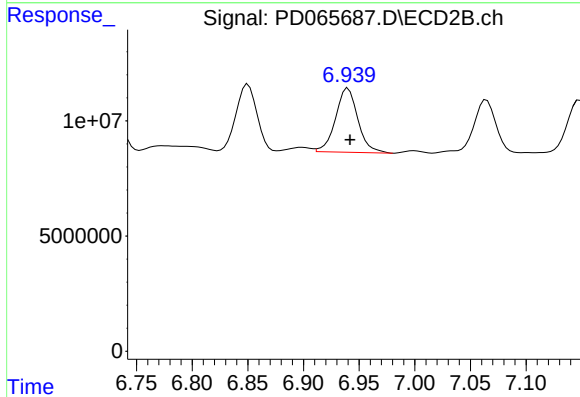
#15 Endosulfan II

R.T.: 6.315 min
Delta R.T.: -0.002 min
Response: 7686142
Conc: 5.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

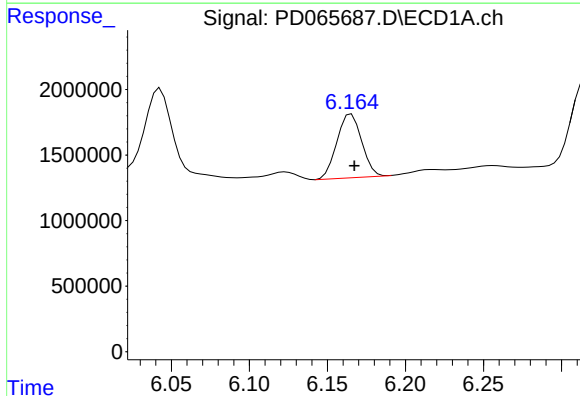
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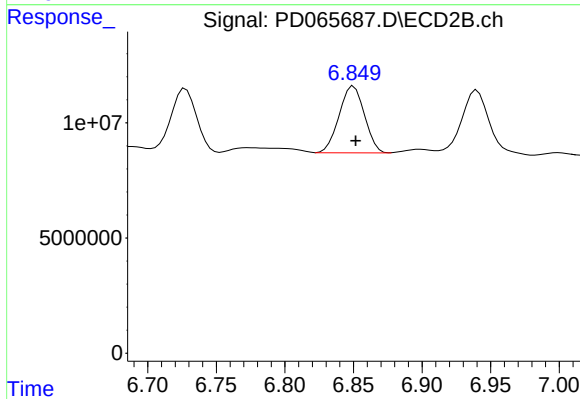
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 38597010
Conc: 6.02 ng/ml



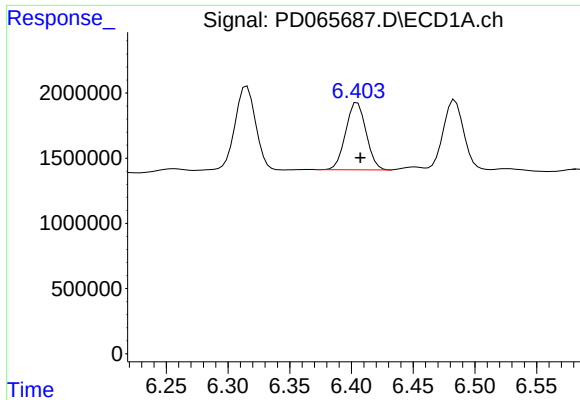
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: -0.003 min
Response: 5413743
Conc: 4.25 ng/ml m



#16 4,4'-DDD

R.T.: 6.849 min
Delta R.T.: -0.003 min
Response: 37223061
Conc: 5.96 ng/ml m



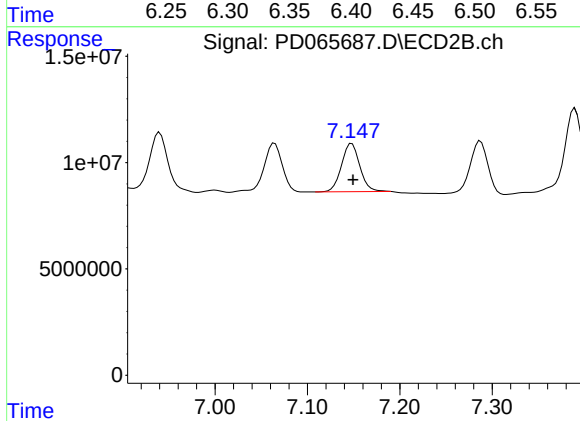
#17 4,4'-DDT

R.T.: 6.405 min
Delta R.T.: -0.002 min
Response: 5929404
Conc: 4.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

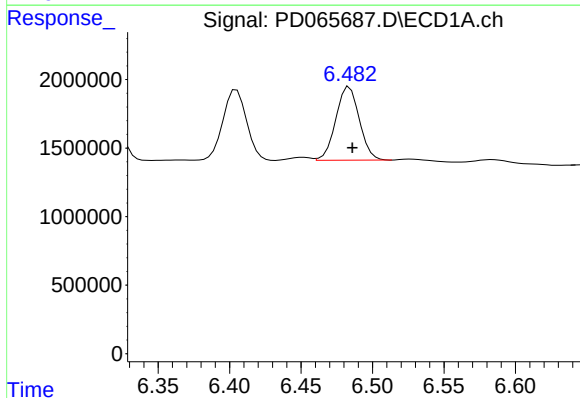
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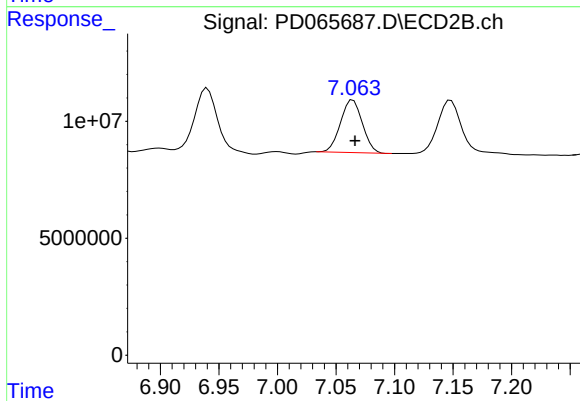
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: -0.001 min
Response: 31381476
Conc: 5.15 ng/ml



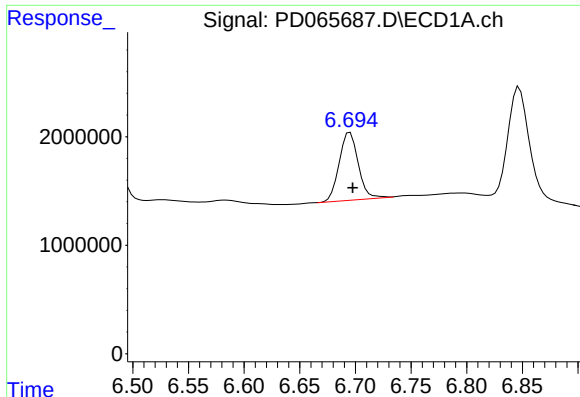
#18 Endrin aldehyde

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 6140560
Conc: 4.87 ng/ml



#18 Endrin aldehyde

R.T.: 7.064 min
Delta R.T.: -0.002 min
Response: 29340191
Conc: 5.37 ng/ml



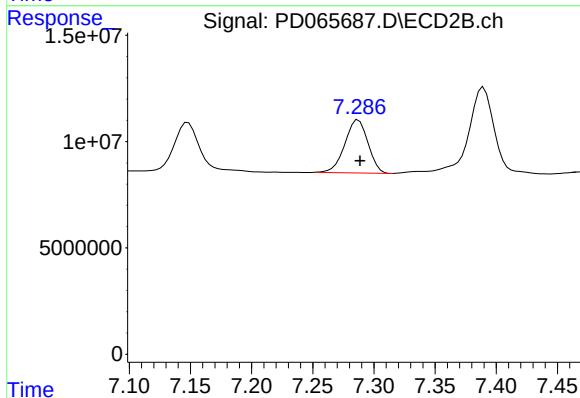
#19 Endosulfan Sulfate

R.T.: 6.695 min
Delta R.T.: -0.002 min
Response: 7501705
Conc: 4.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

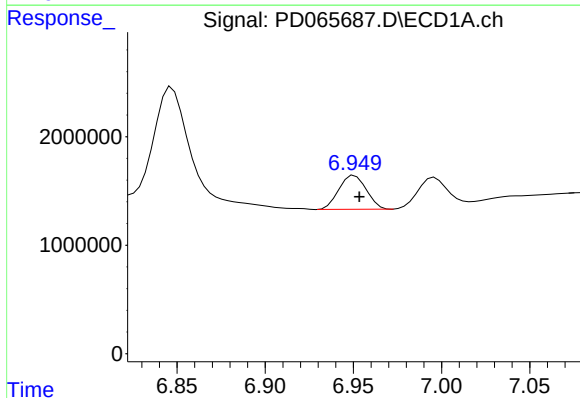
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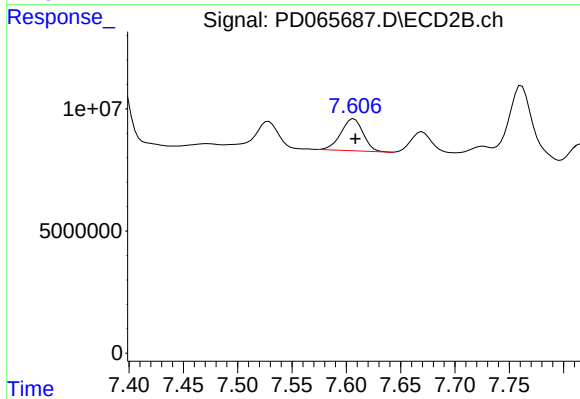
#19 Endosulfan Sulfate

R.T.: 7.287 min
Delta R.T.: -0.001 min
Response: 32761844
Conc: 5.12 ng/ml



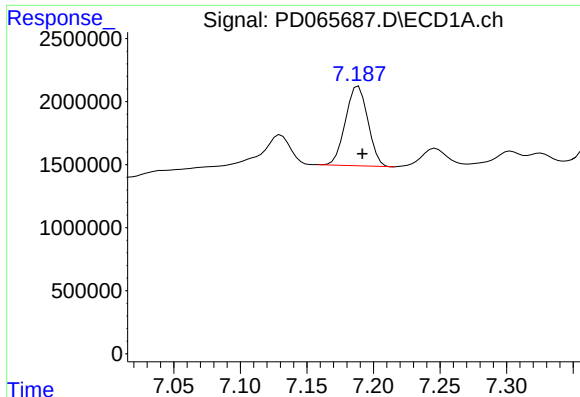
#20 Methoxychlor

R.T.: 6.951 min
Delta R.T.: -0.003 min
Response: 3392038
Conc: 4.05 ng/ml



#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: -0.001 min
Response: 18617129
Conc: 5.72 ng/ml



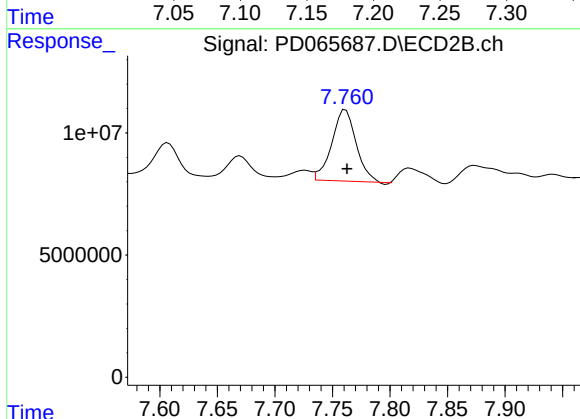
#21 Endrin ketone

R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 7405491
Conc: 3.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

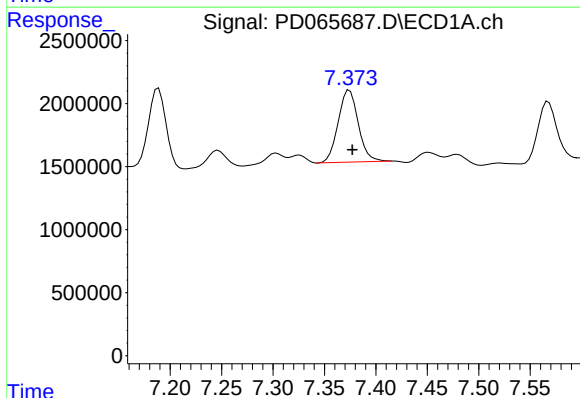
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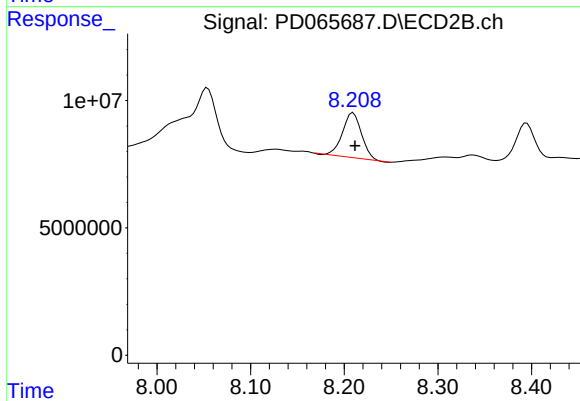
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: -0.001 min
Response: 42772421
Conc: 5.65 ng/ml



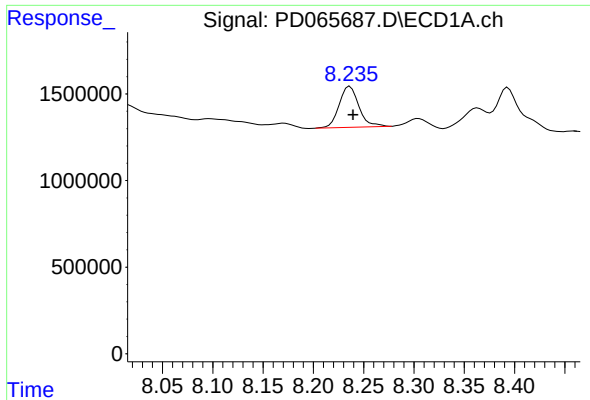
#22 Mirex

R.T.: 7.374 min
Delta R.T.: -0.003 min
Response: 7778141
Conc: 4.96 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: -0.002 min
Response: 24844425
Conc: 4.70 ng/ml



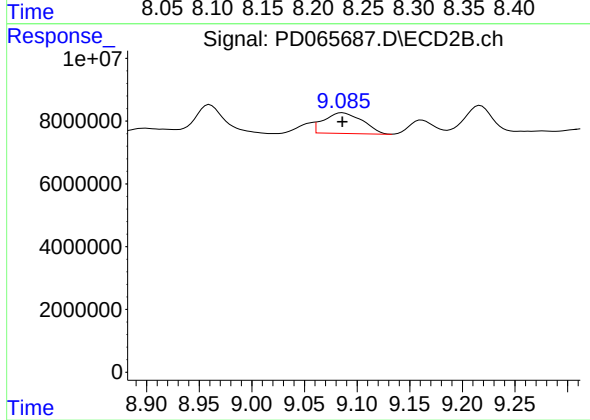
#28 Decachlorobiphenyl

R.T.: 8.236 min
Delta R.T.: -0.003 min
Response: 3228045
Conc: 1.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MS

Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:38 AM



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: -0.001 min
Response: 16605832
Conc: 3.11 ng/ml m