

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
 Data File : PD065228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2021 03:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 02:03:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 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	4.013	55439267	420.9E6	53.935	53.139
28)	SA Decachlor...	8.240	9.084	62197308	243.4E6	54.894	51.423
Target Compounds							
2)	A alpha-BHC	3.936	4.408	79720912	608.4E6	55.703	52.374
3)	MA gamma-BHC...	4.219	4.695	74629092	549.4E6	54.396	51.865
4)	MA Heptachlor	4.517	5.199	70189549	502.1E6	53.889	50.079
5)	MB Aldrin	4.765	5.504	66982685	461.3E6	55.856	51.063
6)	B beta-BHC	4.466	4.870	36201107	245.3E6	57.589	54.874
7)	B delta-BHC	4.672	5.087	74416310	521.4E6	56.287	53.693
8)	B Heptachlo...	5.207	5.892	62912541	413.4E6	55.362	55.412m
9)	A Endosulfan I	5.546	6.251	59131423	367.6E6	55.434	52.191
10)	B gamma-Chl...	5.432	6.127	62865714	394.5E6	55.600	51.593
11)	B alpha-Chl...	5.491	6.199	60894534	387.5E6	54.387	52.045
12)	B 4,4'-DDE	5.653	6.357	62833479	366.5E6	59.618	51.036
13)	MA Dieldrin	5.789	6.510	63088608	384.9E6	56.216	53.049
14)	MA Endrin	6.047	6.726	60400073	202.8E6	57.557	32.944 #
15)	B Endosulfa...	6.319	6.941	56240038	305.0E6	56.247	52.020
16)	A 4,4'-DDD	6.169	6.851	54319840	313.7E6	57.433	53.347
17)	MA 4,4'-DDT	6.409	7.148	54830773	314.5E6	55.134	52.452
18)	B Endrin al...	6.487	7.065	45128214	246.3E6	54.536	52.807
19)	B Endosulfa...	6.698	7.288	58784368	304.3E6	55.357	53.059
20)	A Methoxychlor	6.954	7.608	32754304	174.1E6	55.570	57.521
21)	B Endrin ke...	7.192	7.762	70442182	344.1E6	55.254	52.953
22)	Mirex	7.378	8.210	56816562	233.1E6	55.718	52.355

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

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Acq On : 22 Aug 2021 03:01
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

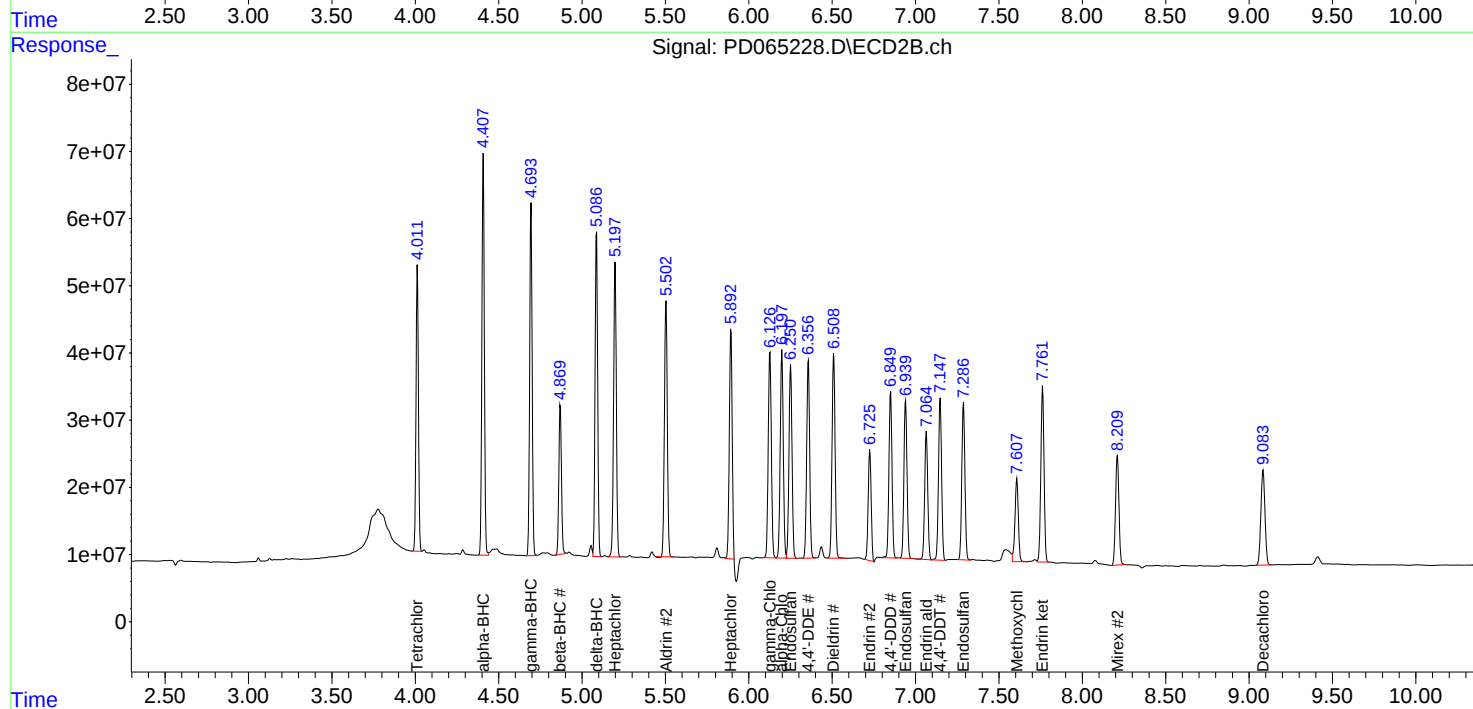
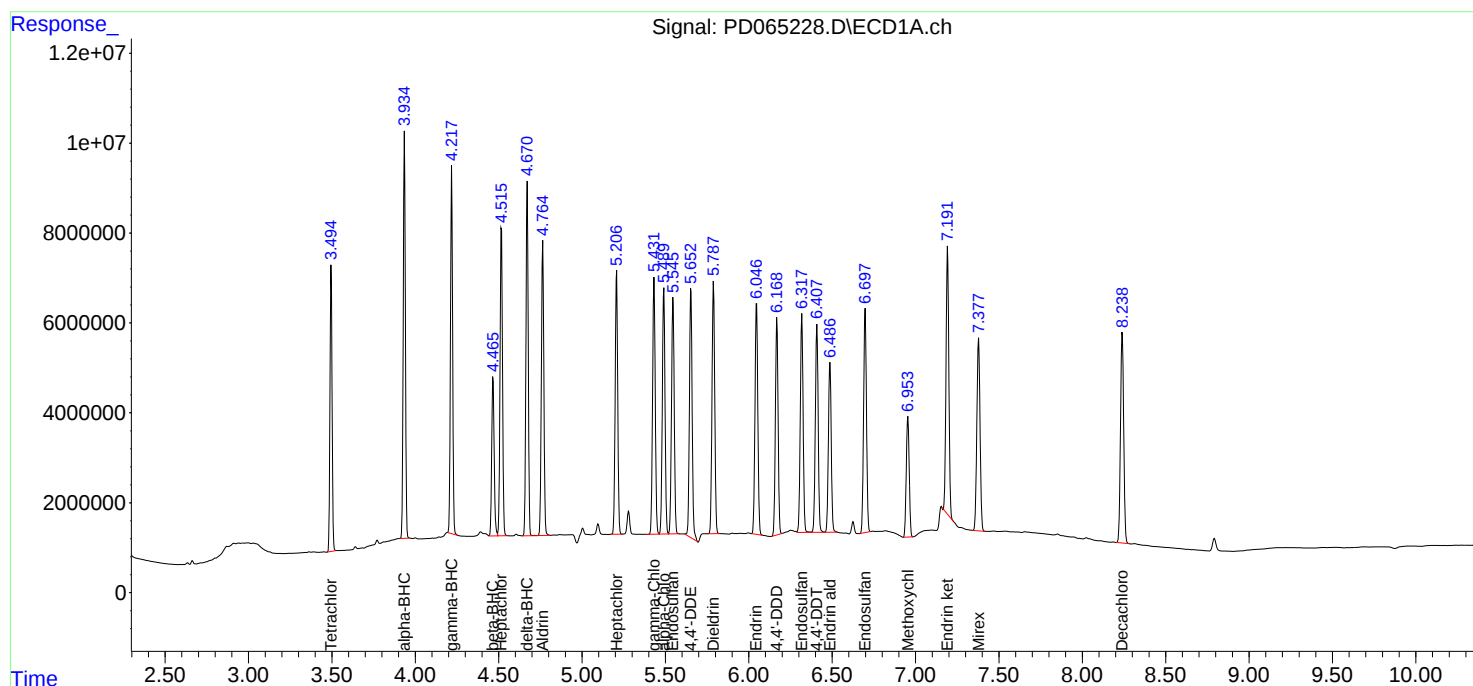
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

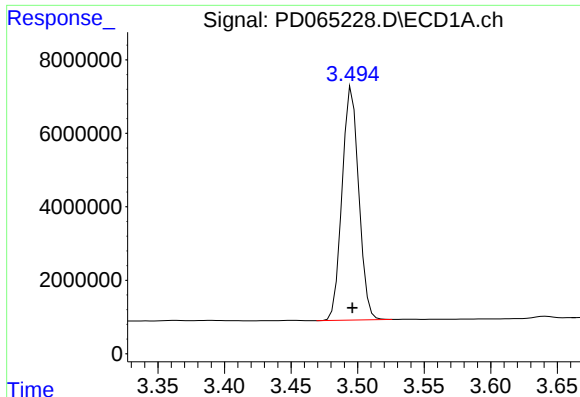
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 02:03:20 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
Quant Title : GC Extractables
QLast Update : Fri Aug 20 02:25:41 2021
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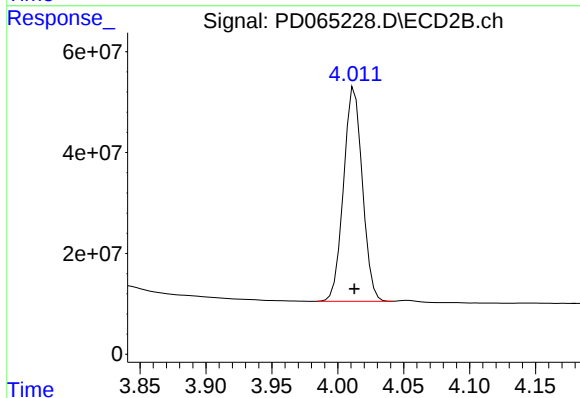
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 55439267
Conc: 53.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

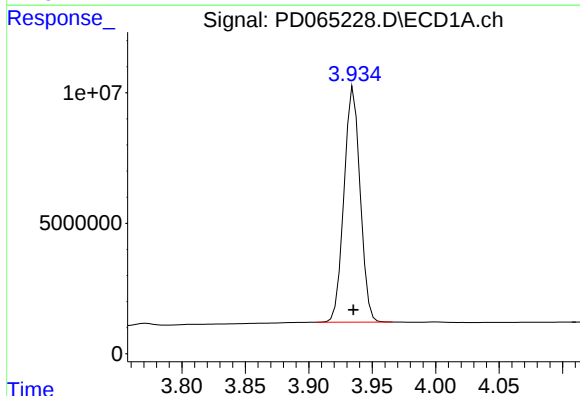
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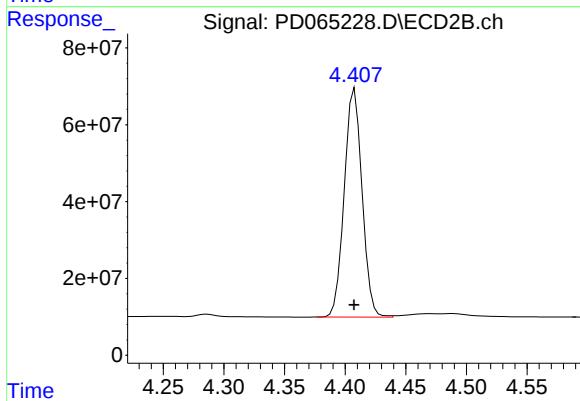
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 420897873
Conc: 53.14 ng/ml



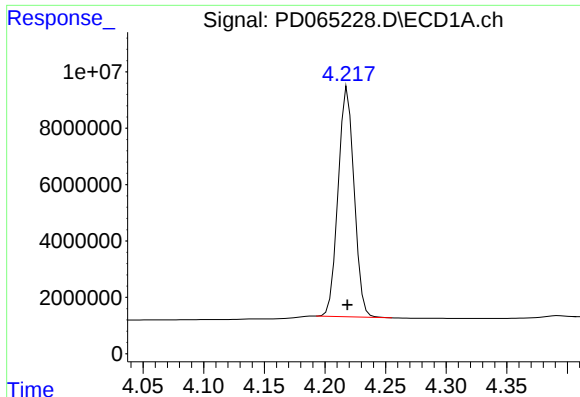
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 79720912
Conc: 55.70 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 608426154
Conc: 52.37 ng/ml



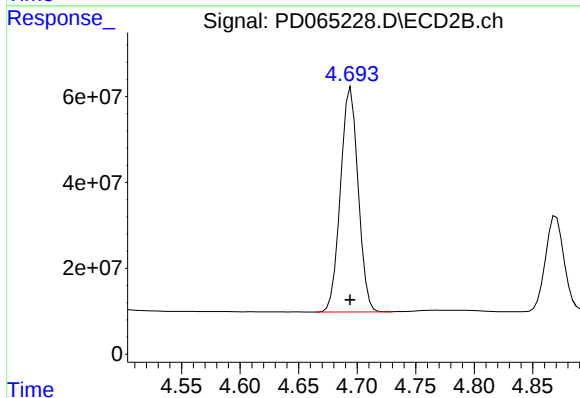
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 74629092
Conc: 54.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

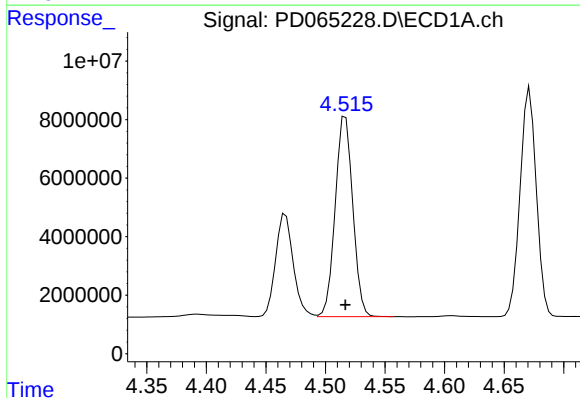
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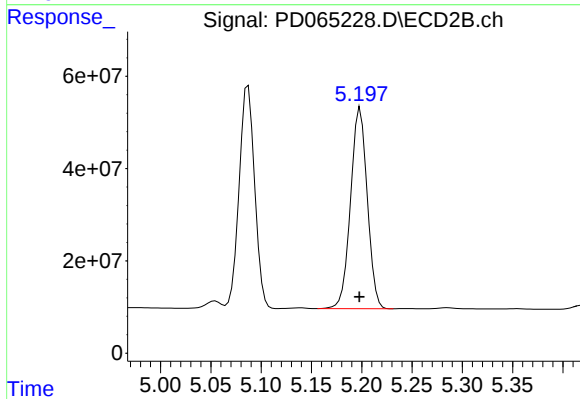
#3 gamma-BHC (Lindane)

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 549424885
Conc: 51.87 ng/ml



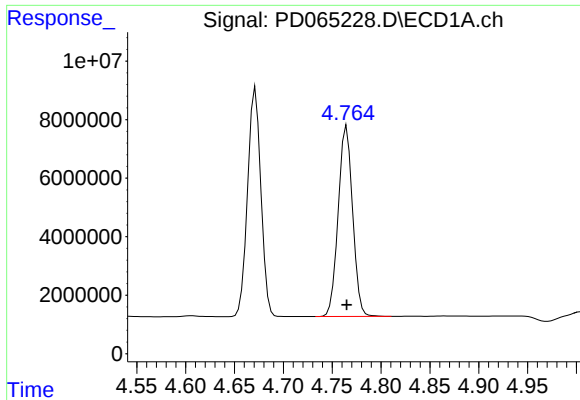
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 70189549
Conc: 53.89 ng/ml



#4 Heptachlor

R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 502093420
Conc: 50.08 ng/ml



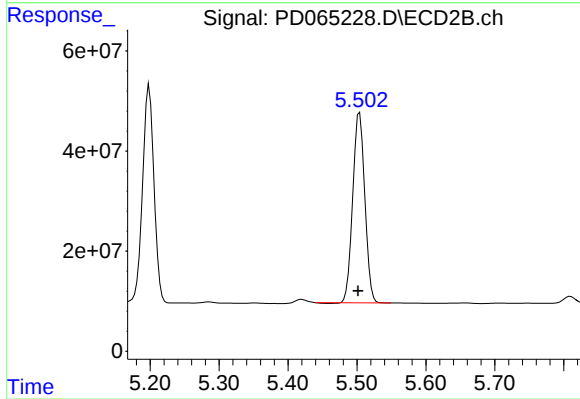
#5 Aldrin

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 66982685
Conc: 55.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

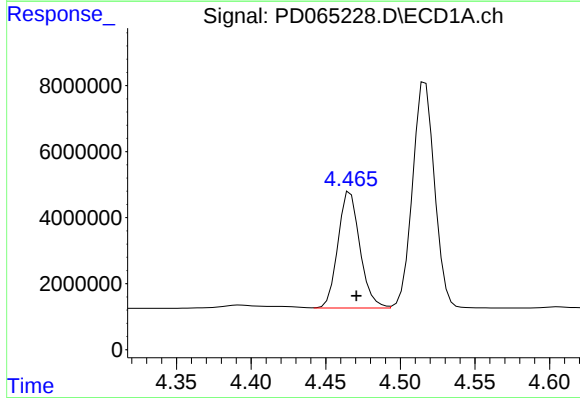
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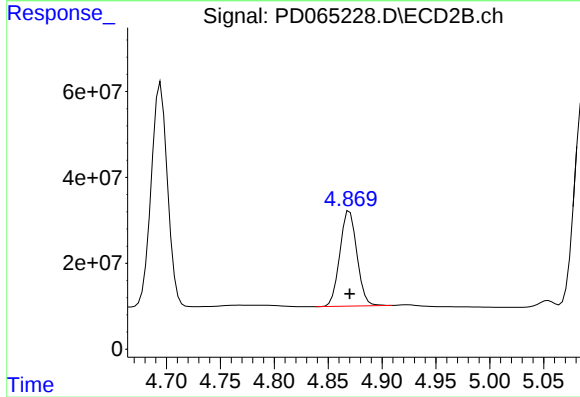
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.002 min
Response: 461255365
Conc: 51.06 ng/ml



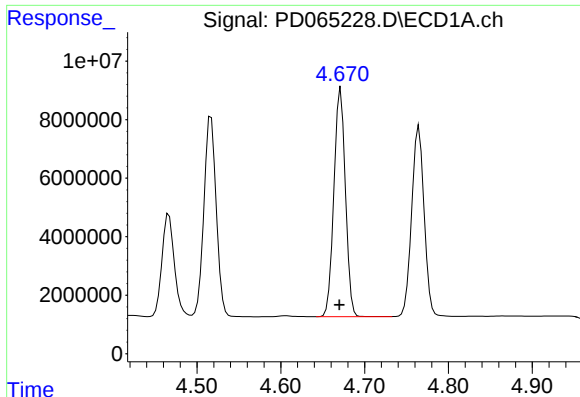
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 36201107
Conc: 57.59 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 245287709
Conc: 54.87 ng/ml



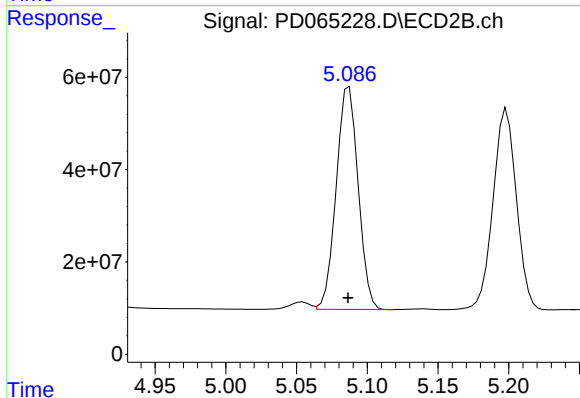
#7 delta-BHC

R.T.: 4.672 min
Delta R.T.: 0.002 min
Response: 74416310
Conc: 56.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

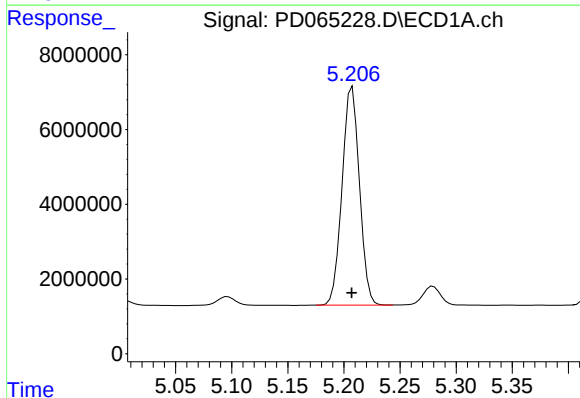
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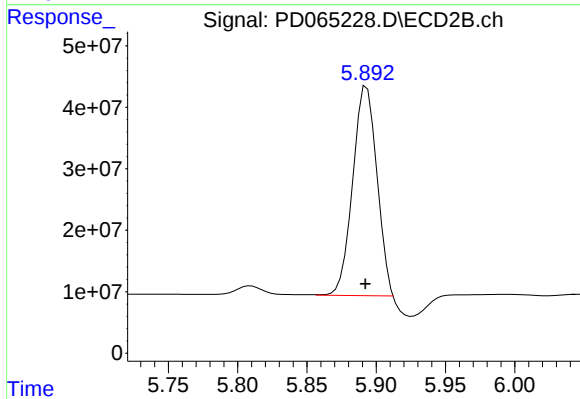
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 521443413
Conc: 53.69 ng/ml



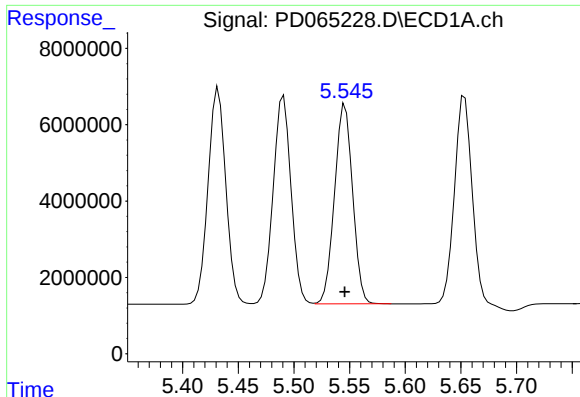
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 62912541
Conc: 55.36 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 413397217
Conc: 55.41 ng/ml m



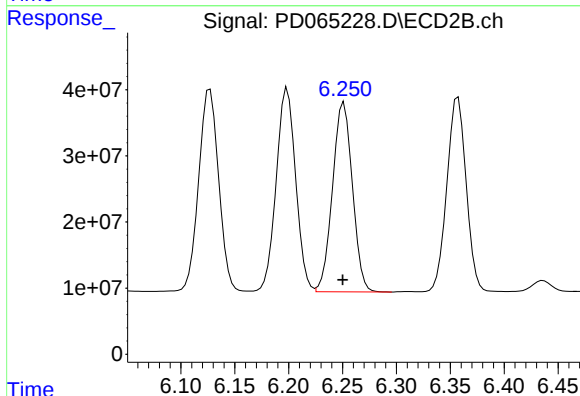
#9 Endosulfan I

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 59131423
Conc: 55.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

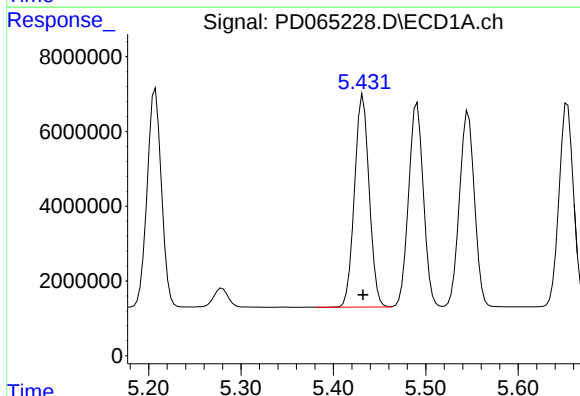
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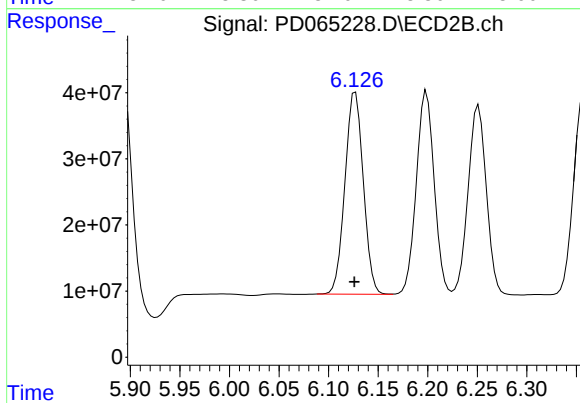
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.001 min
Response: 367560777
Conc: 52.19 ng/ml



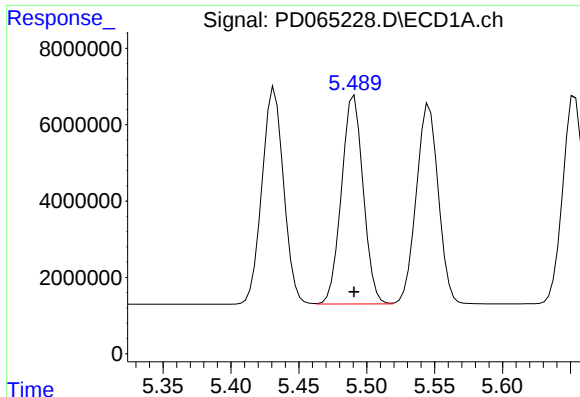
#10 gamma-Chlordane

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 62865714
Conc: 55.60 ng/ml



#10 gamma-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.001 min
Response: 394487741
Conc: 51.59 ng/ml



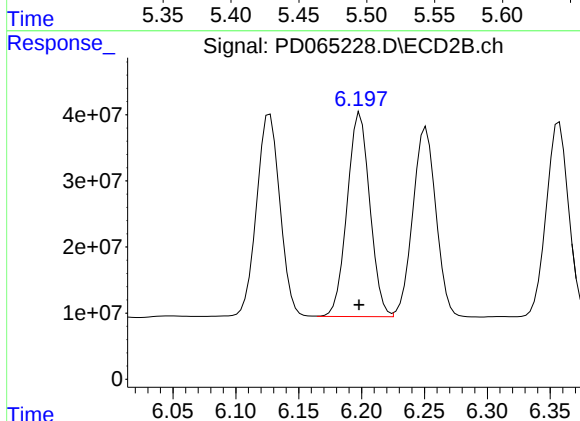
#11 alpha-Chlordane

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 60894534
Conc: 54.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

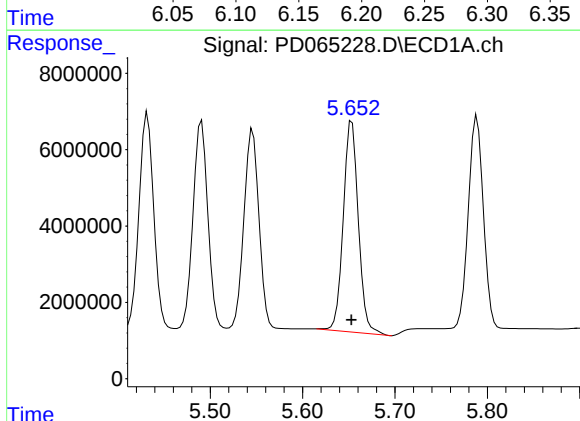
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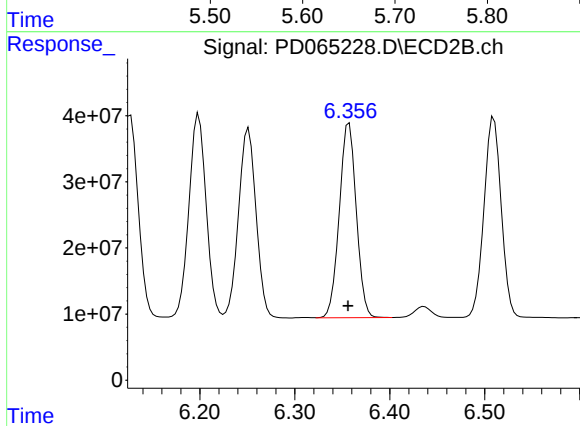
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 387451550
Conc: 52.04 ng/ml



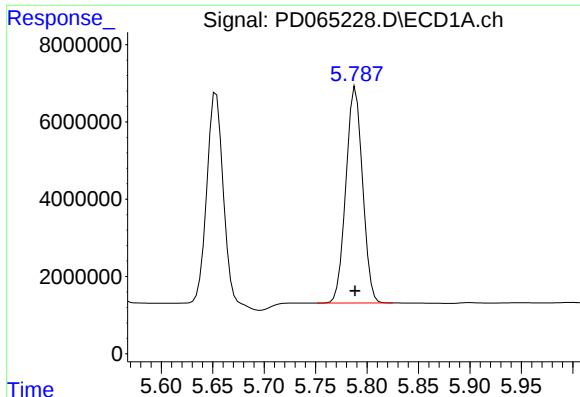
#12 4,4'-DDE

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 62833479
Conc: 59.62 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.001 min
Response: 366473703
Conc: 51.04 ng/ml



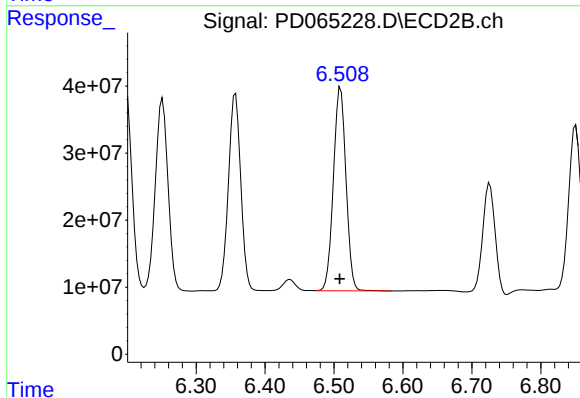
#13 Dieldrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 63088608
Conc: 56.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

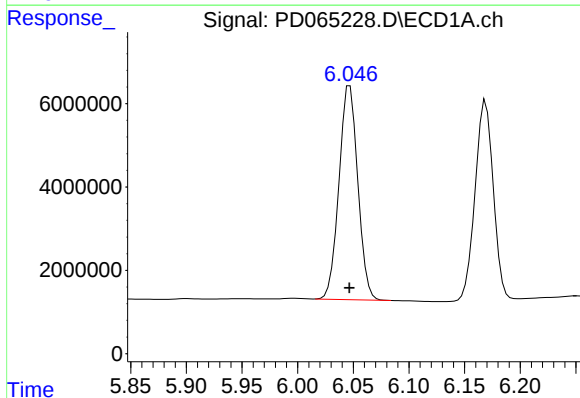
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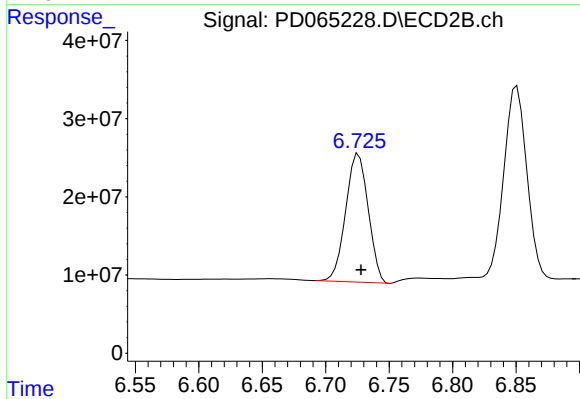
#13 Dieldrin

R.T.: 6.510 min
Delta R.T.: 0.001 min
Response: 384928824
Conc: 53.05 ng/ml



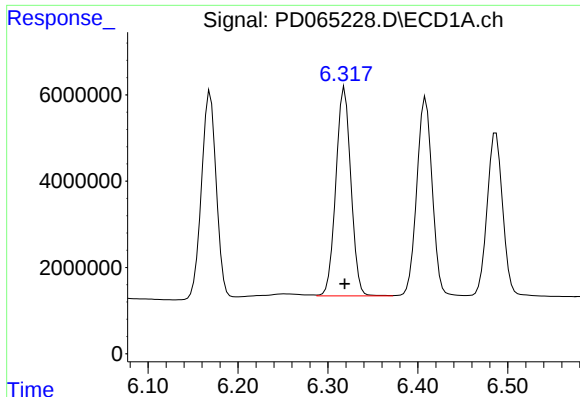
#14 Endrin

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 60400073
Conc: 57.56 ng/ml



#14 Endrin

R.T.: 6.726 min
Delta R.T.: -0.002 min
Response: 202764558
Conc: 32.94 ng/ml



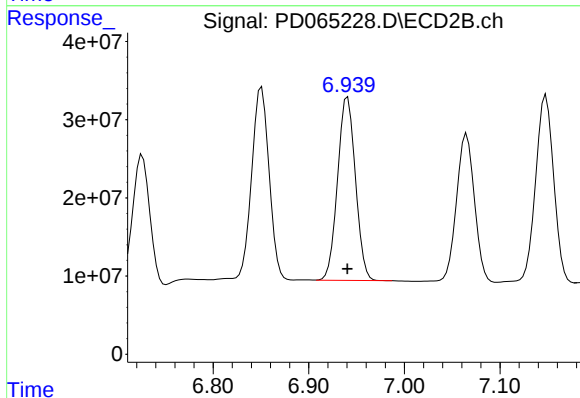
#15 Endosulfan II

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 56240038
Conc: 56.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

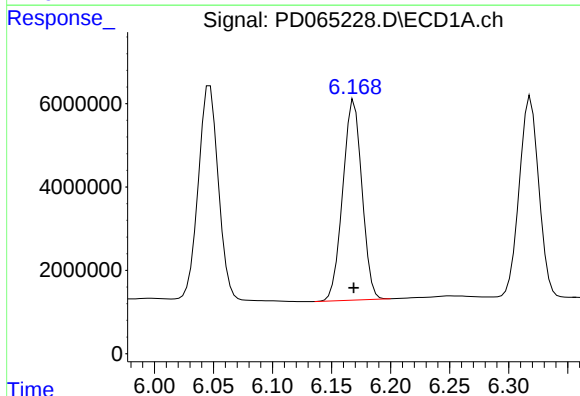
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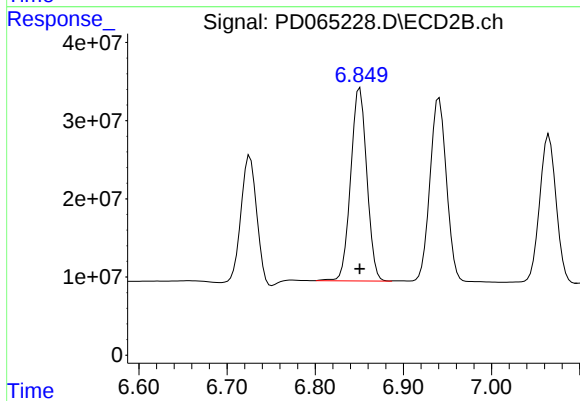
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 305037476
Conc: 52.02 ng/ml



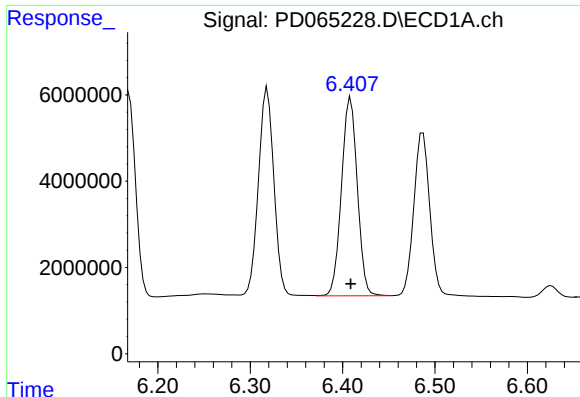
#16 4,4'-DDD

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 54319840
Conc: 57.43 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 313704122
Conc: 53.35 ng/ml



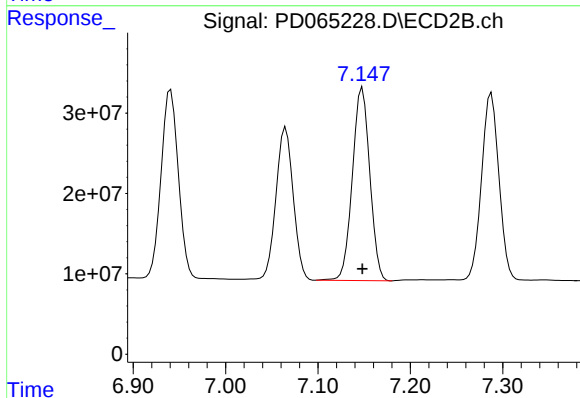
#17 4,4'-DDT

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 54830773
Conc: 55.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

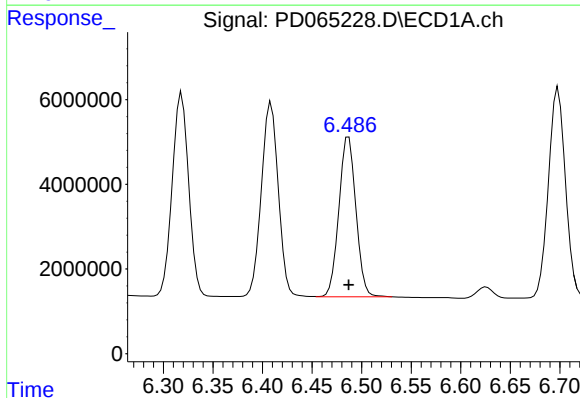
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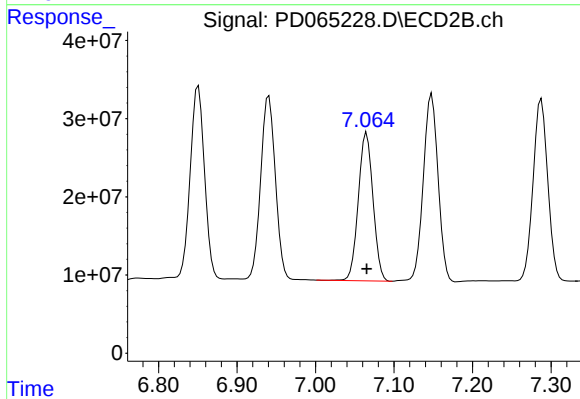
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 314549546
Conc: 52.45 ng/ml



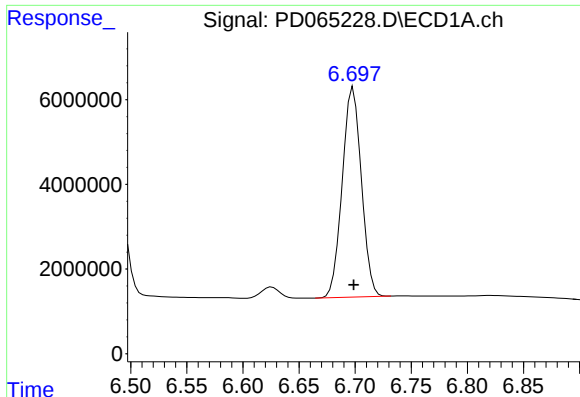
#18 Endrin aldehyde

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 45128214
Conc: 54.54 ng/ml



#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 246311965
Conc: 52.81 ng/ml



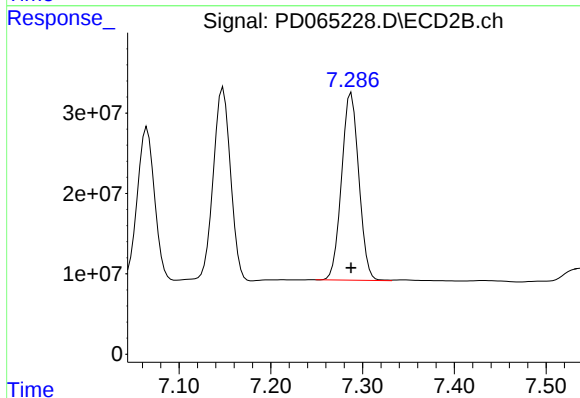
#19 Endosulfan Sulfate

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 58784368
Conc: 55.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

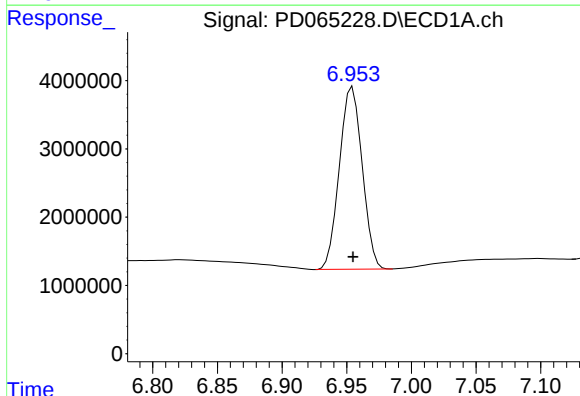
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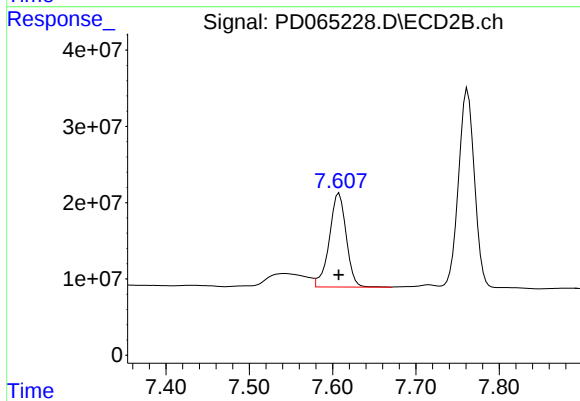
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 304273407
Conc: 53.06 ng/ml



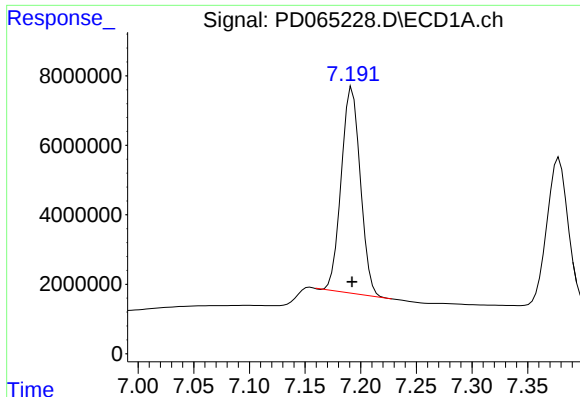
#20 Methoxychlor

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 32754304
Conc: 55.57 ng/ml



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 174066567
Conc: 57.52 ng/ml



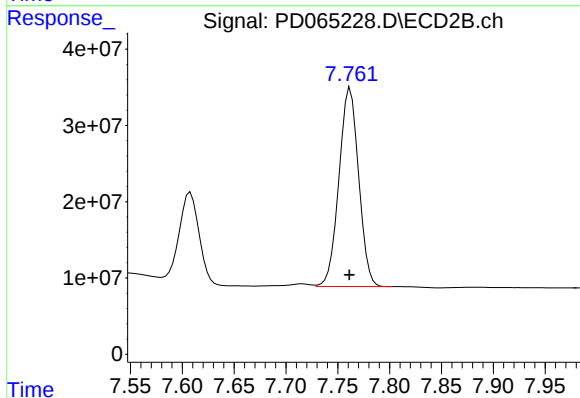
#21 Endrin ketone

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 70442182
Conc: 55.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

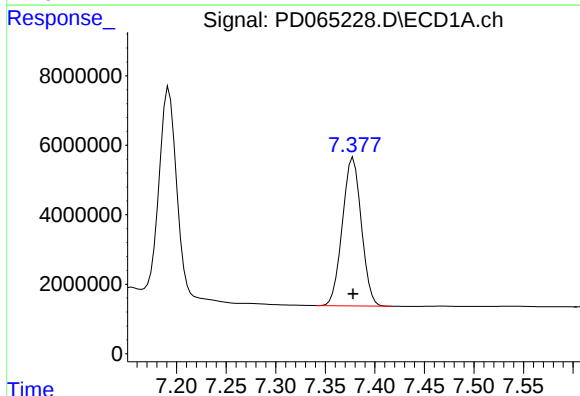
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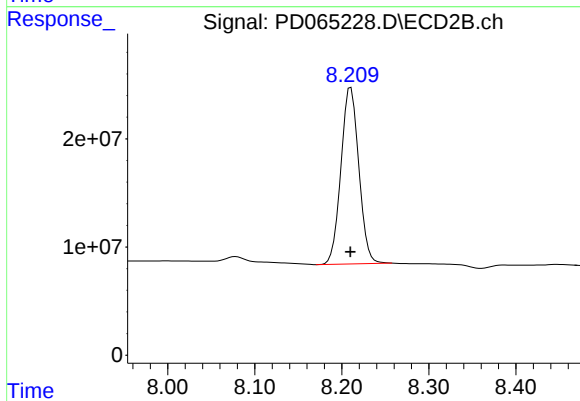
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 344126660
Conc: 52.95 ng/ml



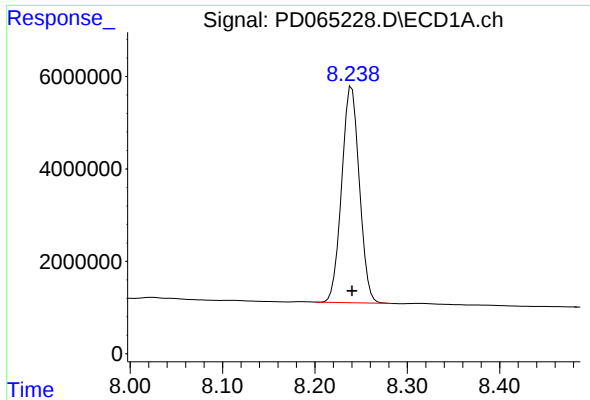
#22 Mirex

R.T.: 7.378 min
Delta R.T.: 0.000 min
Response: 56816562
Conc: 55.72 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 233101294
Conc: 52.35 ng/ml



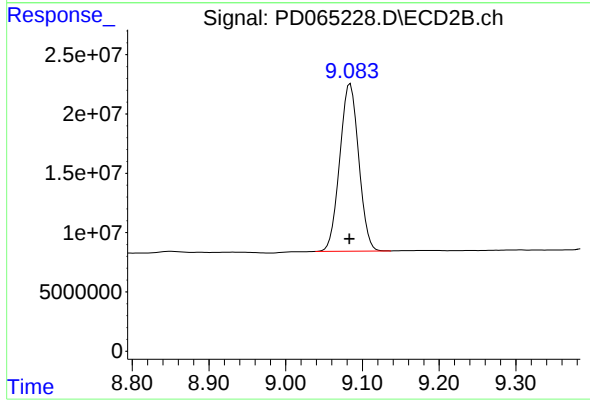
#28 Decachlorobiphenyl

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 62197308
Conc: 54.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
8/23/2021 2:42:59 PM



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.001 min
Response: 243360842
Conc: 51.42 ng/ml