

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082521\
 Data File : PD065308.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2021 14:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 03:39:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082521.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 25 05:44:31 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	4.013	53942657	364.1E6	50.032	53.258
2)	SA Decachlor...	8.237	9.083	61986869	223.2E6	45.682m	51.532
Target Compounds							
2)	A alpha-BHC	3.935	4.408	77988539	529.5E6	50.742	53.509
3)	MA gamma-BHC...	4.218	4.694	73317667	484.2E6	48.276	53.800
4)	MA Heptachlor	4.516	5.198	68849939	439.0E6	48.327	51.878
5)	MB Aldrin	4.764	5.503	66486828	415.0E6	50.322	53.325
6)	B beta-BHC	4.465	4.870	35687033	220.2E6	53.625	57.888
7)	B delta-BHC	4.670	5.087	73176589	457.5E6	49.723	52.814
8)	B Heptachlo...	5.206	5.892	62239882	380.8E6	49.241	59.821
9)	A Endosulfan I	5.544	6.251	59204659	327.1E6	49.470	53.601
10)	B gamma-Chl...	5.431	6.126	62487613	349.1E6	49.097	53.053
11)	B alpha-Chl...	5.490	6.198	61857084	341.7E6	48.972	52.909
12)	B 4,4'-DDE	5.652	6.356	59973225	335.9E6	50.193	54.139
13)	MA Dieldrin	5.787	6.507	62530705	343.7E6	49.405	54.248m
14)	MA Endrin	6.045	6.727	58053689	265.4E6	48.455	49.413
15)	B Endosulfa...	6.317	6.939	55586164	278.7E6	48.075	53.356m
16)	A 4,4'-DDD	6.167	6.850	53662636	283.8E6	50.197	54.380
17)	MA 4,4'-DDT	6.407	7.147	54432067	278.0E6	46.997	51.695
18)	B Endrin al...	6.486	7.063	44873382	222.8E6	47.021	52.688m
19)	B Endosulfa...	6.697	7.287	59562741	277.0E6	48.244	52.917
20)	A Methoxychlor	6.953	7.606	33266371	143.7E6	47.361	51.446
21)	B Endrin ke...	7.191	7.760	72333119	317.4E6	49.289	53.852
22)	Mirex	7.376	8.209	56707032	221.3E6	53.874	53.592

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

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Data File : PD065308.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2021 14:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

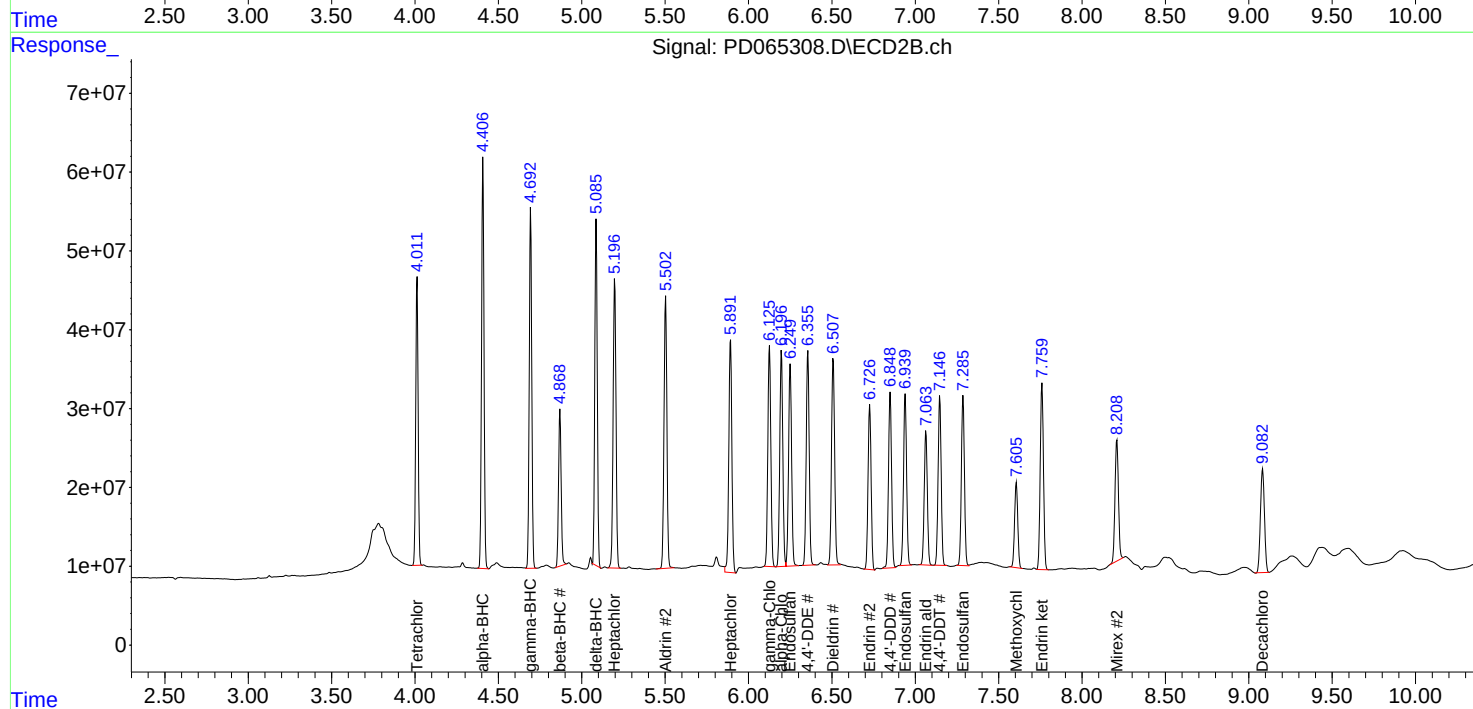
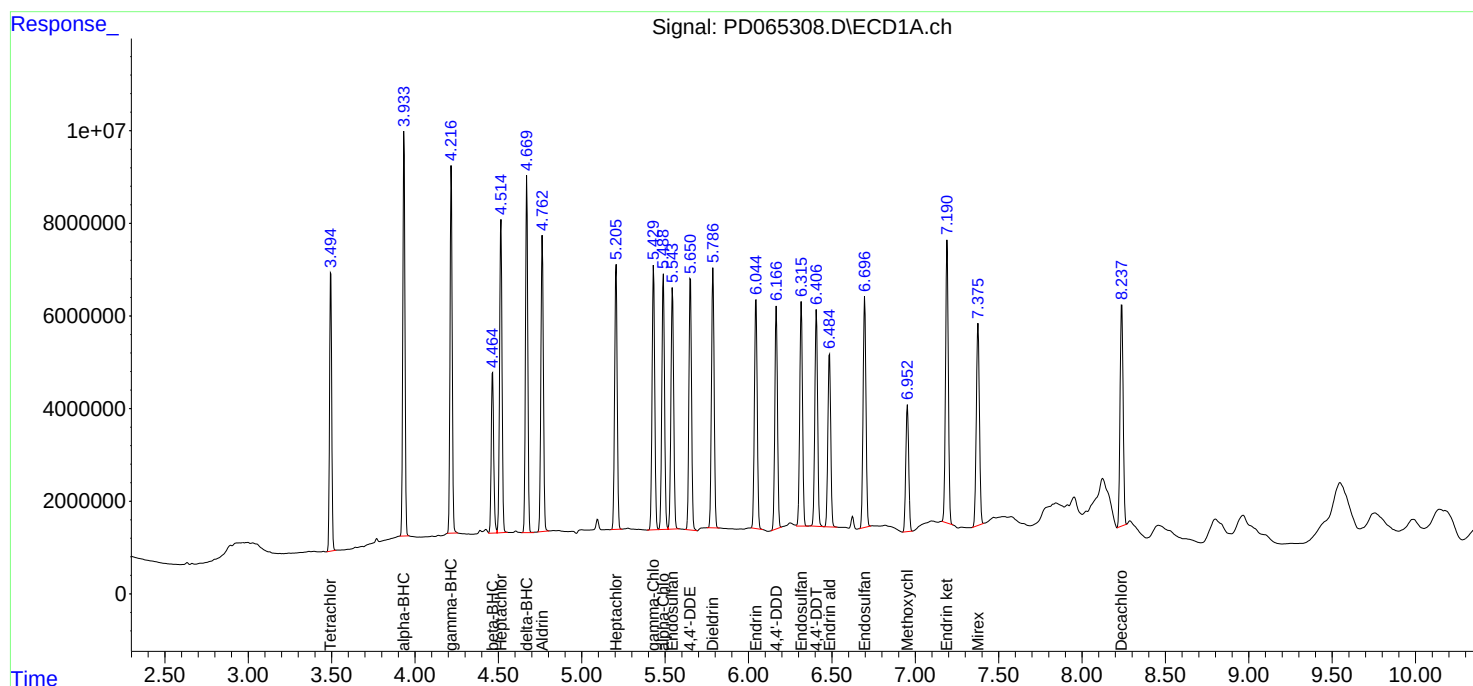
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

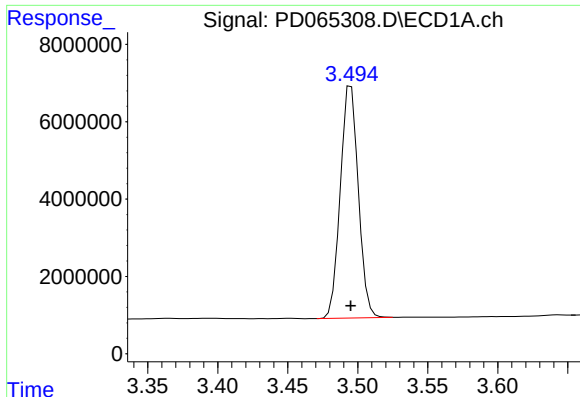
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 26 03:39:42 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082521.M
Quant Title : GC Extractables
QLast Update : Wed Aug 25 05:44:31 2021
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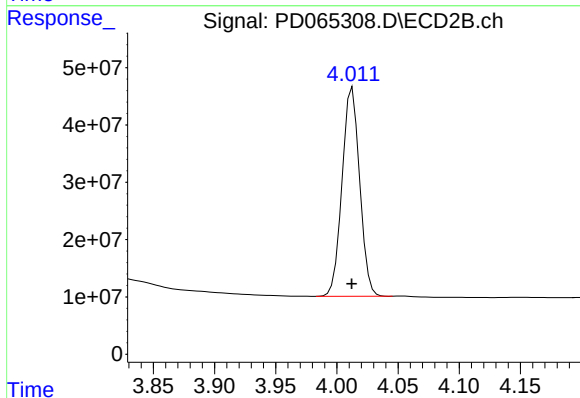
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: 0.000 min
Response: 53942657
Conc: 50.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

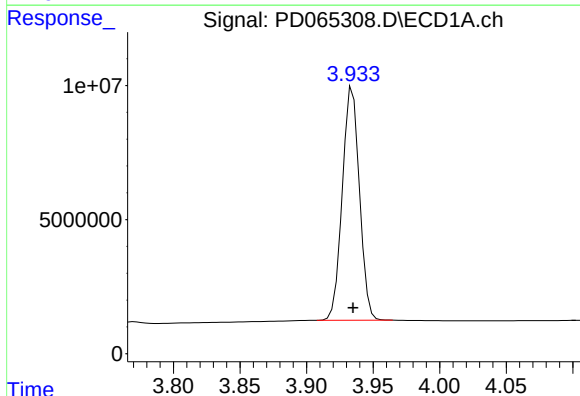
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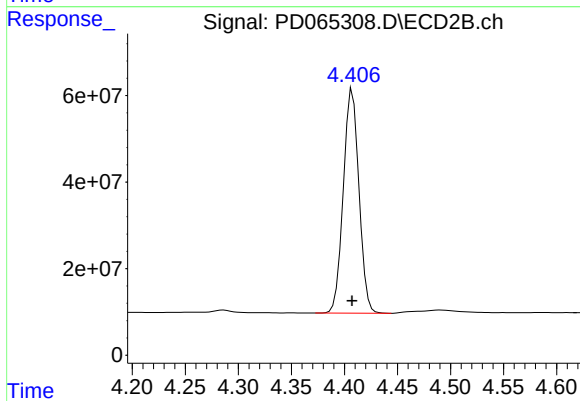
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 364143469
Conc: 53.26 ng/ml



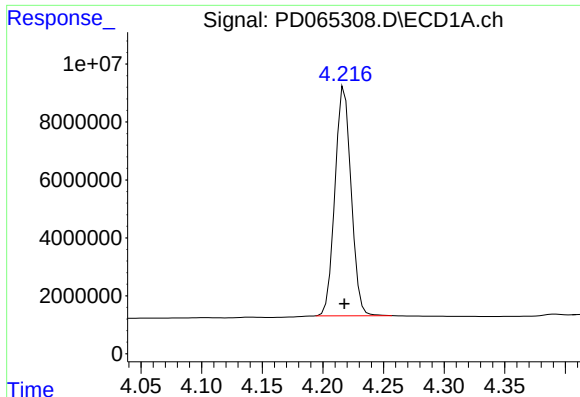
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 77988539
Conc: 50.74 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 529545537
Conc: 53.51 ng/ml



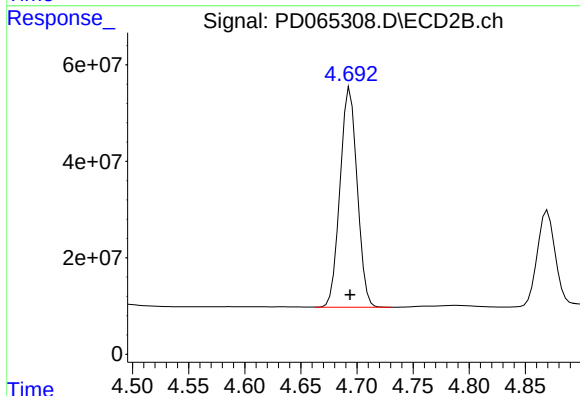
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 73317667
Conc: 48.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

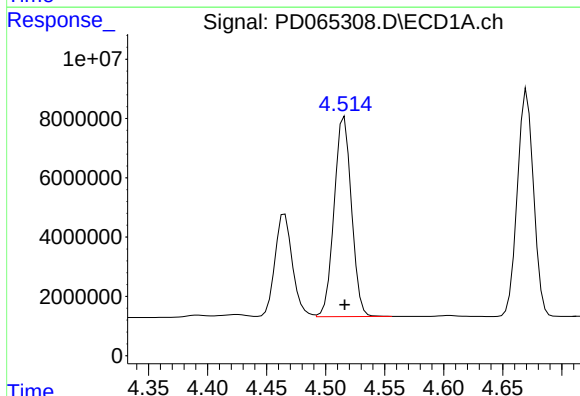
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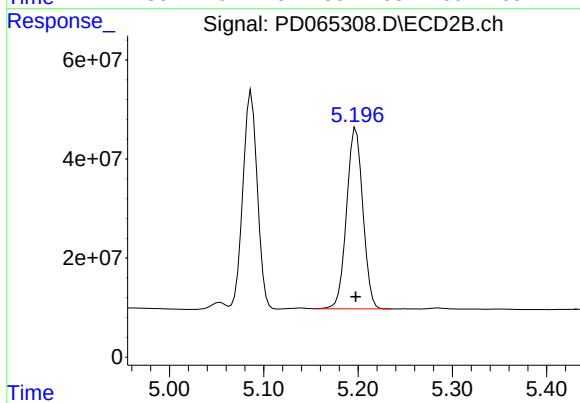
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 484199030
Conc: 53.80 ng/ml



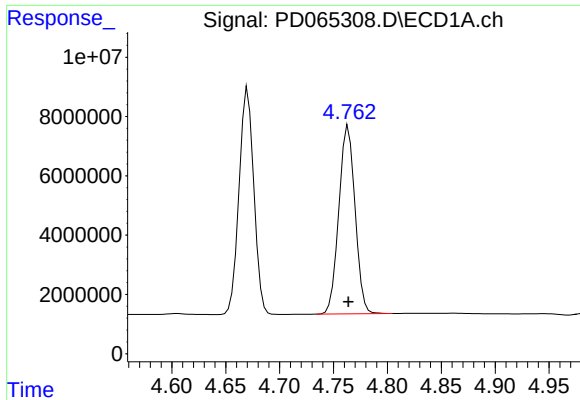
#4 Heptachlor

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 68849939
Conc: 48.33 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 438954249
Conc: 51.88 ng/ml



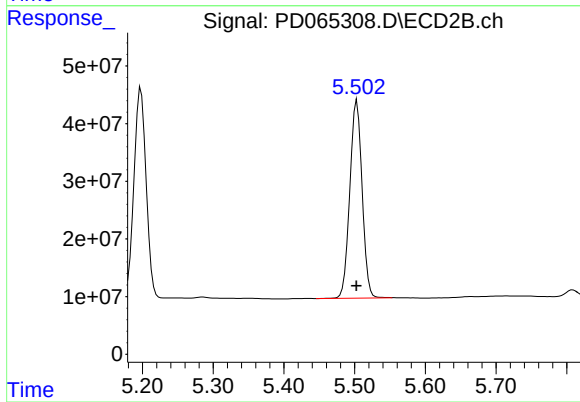
#5 Aldrin

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 66486828
Conc: 50.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

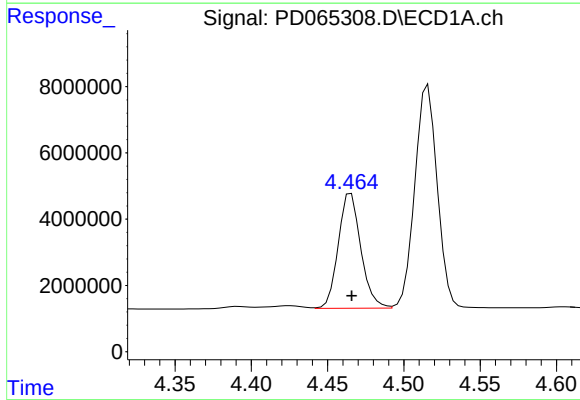
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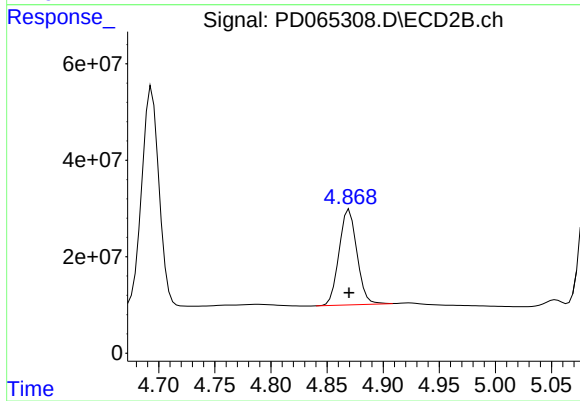
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 414963212
Conc: 53.32 ng/ml



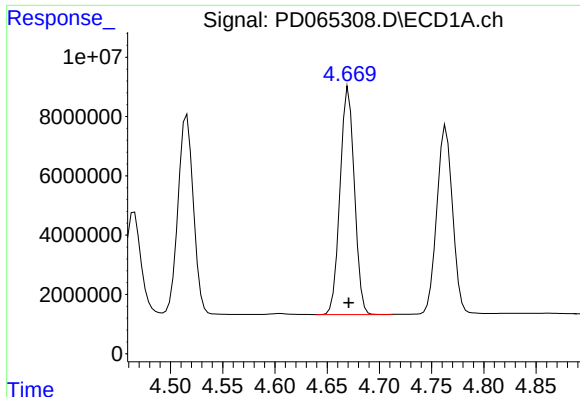
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 35687033
Conc: 53.63 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 220195580
Conc: 57.89 ng/ml



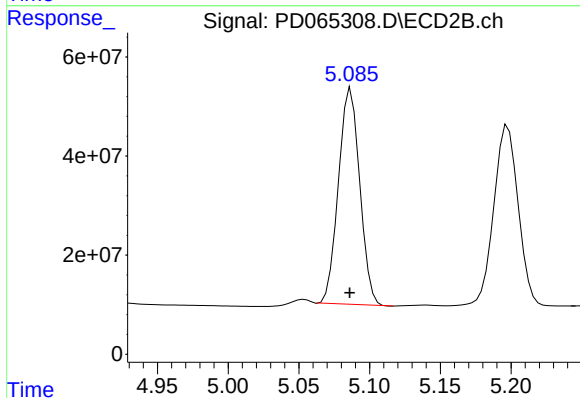
#7 delta-BHC

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 73176589
Conc: 49.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

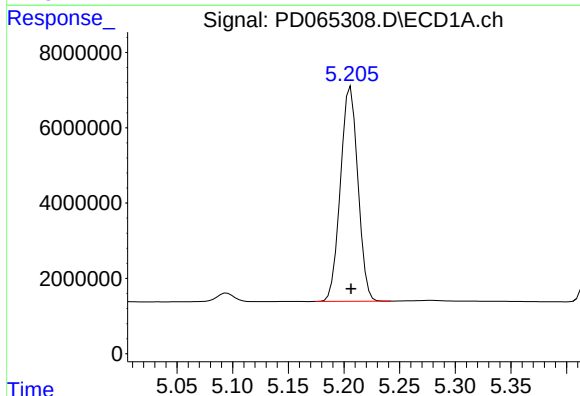
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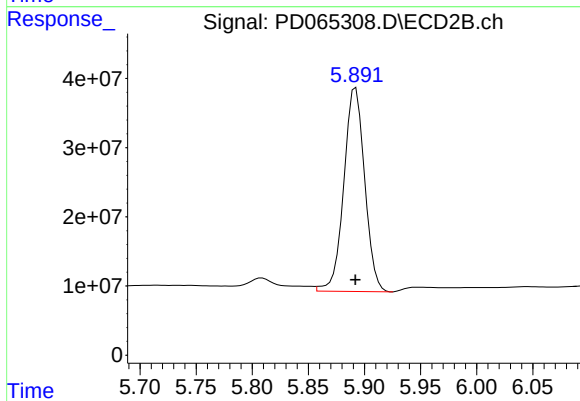
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 457526415
Conc: 52.81 ng/ml



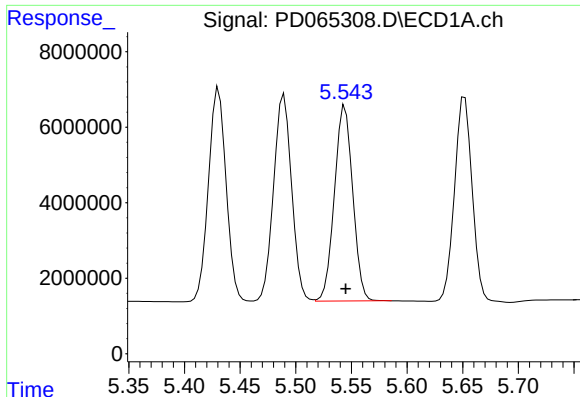
#8 Heptachlor epoxide

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 62239882
Conc: 49.24 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 380759320
Conc: 59.82 ng/ml



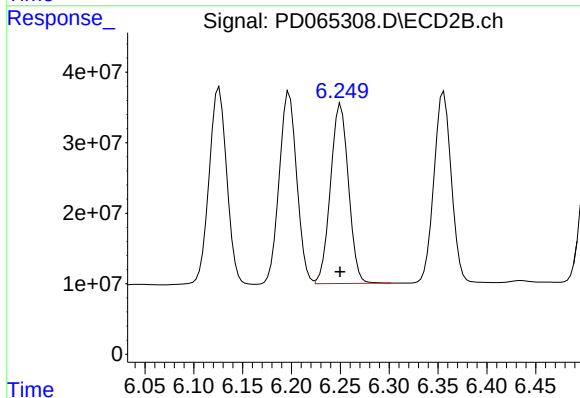
#9 Endosulfan I

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 59204659
Conc: 49.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

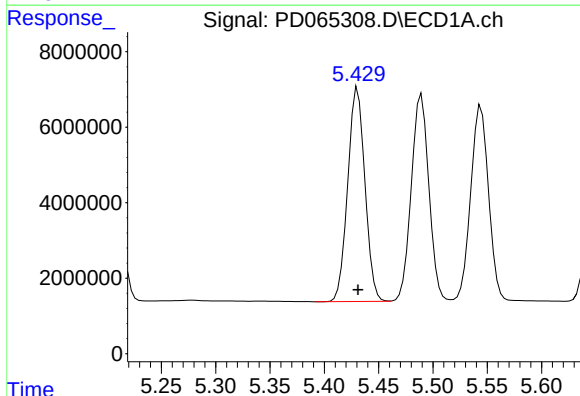
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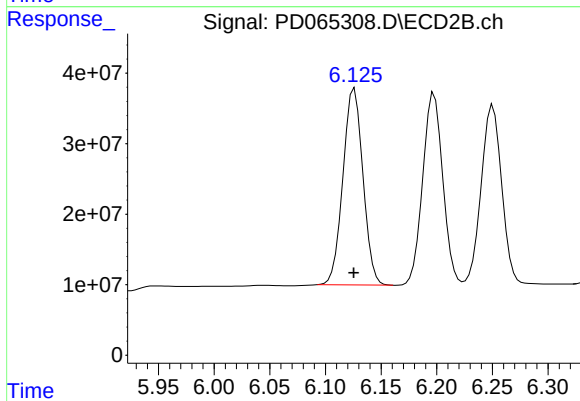
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 327075387
Conc: 53.60 ng/ml



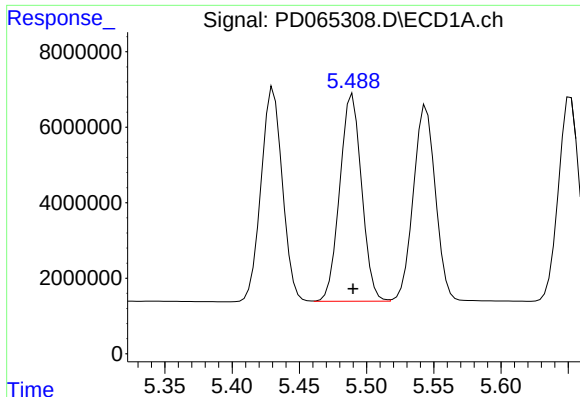
#10 gamma-Chlordane

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 62487613
Conc: 49.10 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 349071836
Conc: 53.05 ng/ml



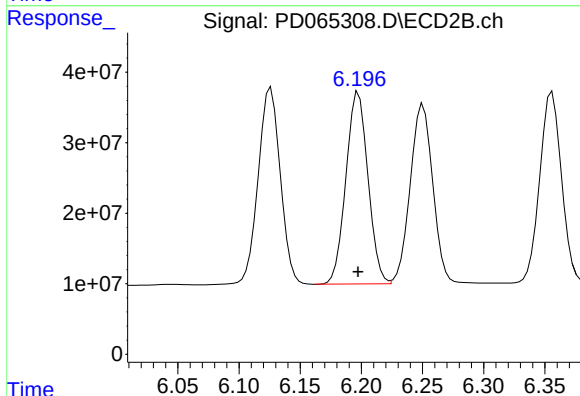
#11 alpha-Chlordane

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 61857084
Conc: 48.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

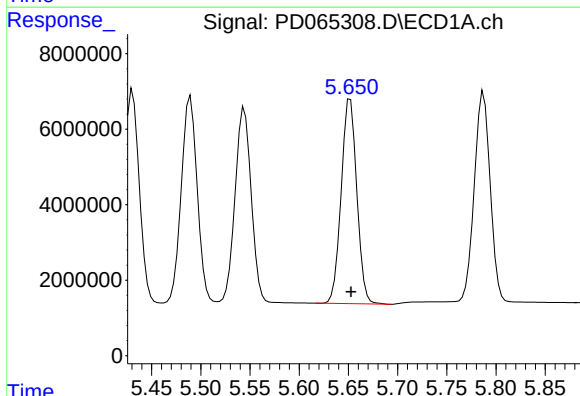
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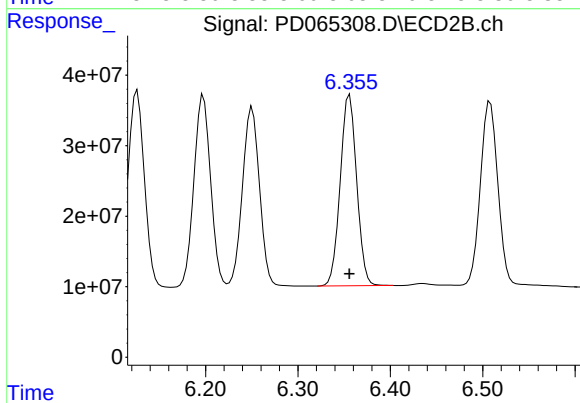
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 341672868
Conc: 52.91 ng/ml



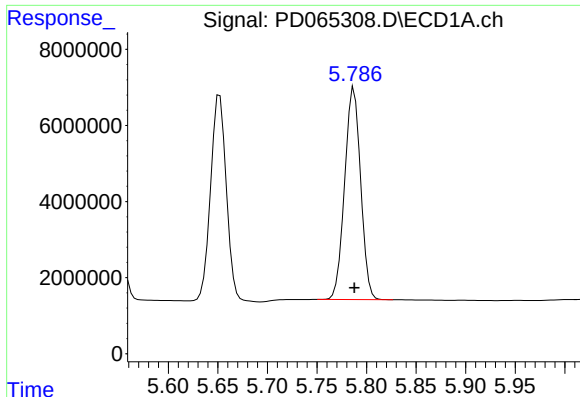
#12 4,4'-DDE

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 59973225
Conc: 50.19 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 335869924
Conc: 54.14 ng/ml



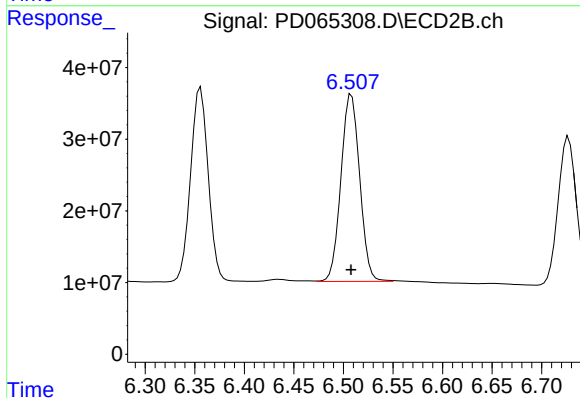
#13 Dieldrin

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 62530705
Conc: 49.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

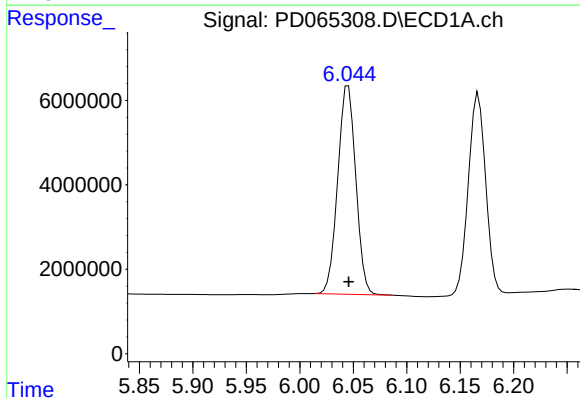
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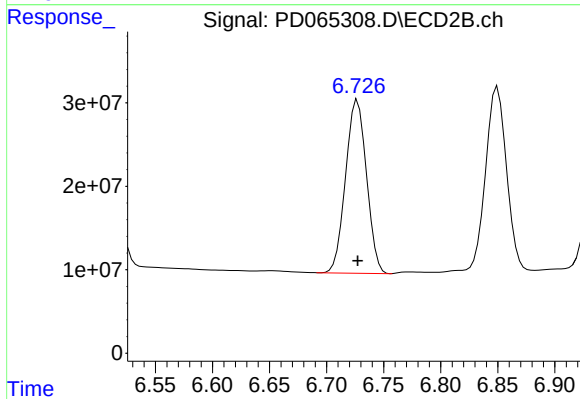
#13 Dieldrin

R.T.: 6.507 min
Delta R.T.: -0.001 min
Response: 343688510
Conc: 54.25 ng/ml m



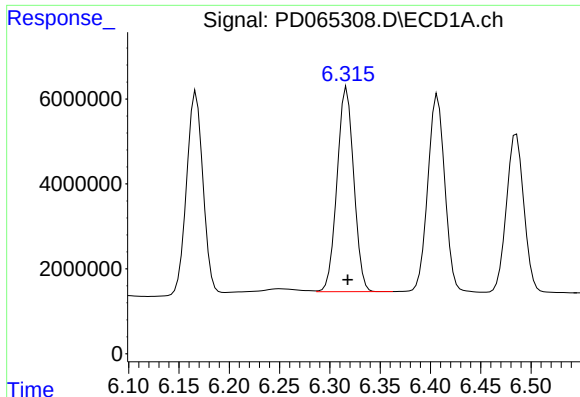
#14 Endrin

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 58053689
Conc: 48.46 ng/ml



#14 Endrin

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 265385876
Conc: 49.41 ng/ml



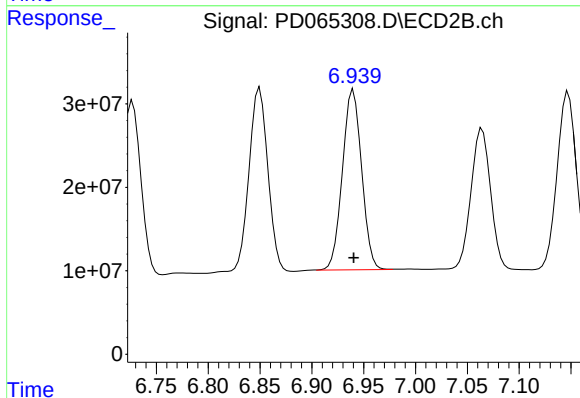
#15 Endosulfan II

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 55586164
Conc: 48.08 ng/ml

Instrument :
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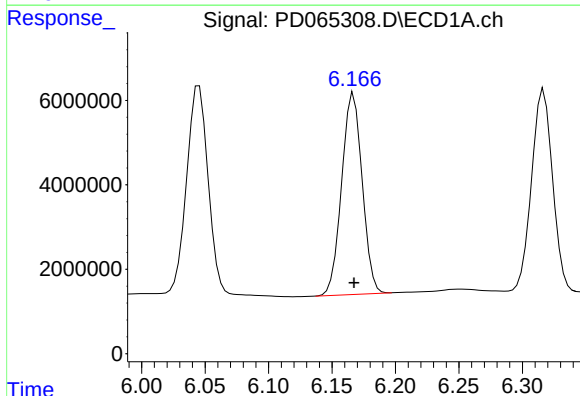
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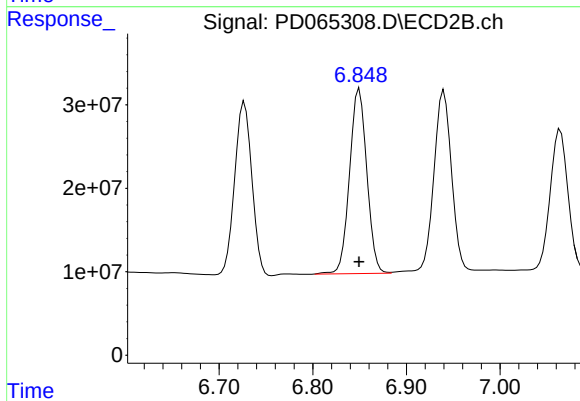
#15 Endosulfan II

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 278657493
Conc: 53.36 ng/ml m



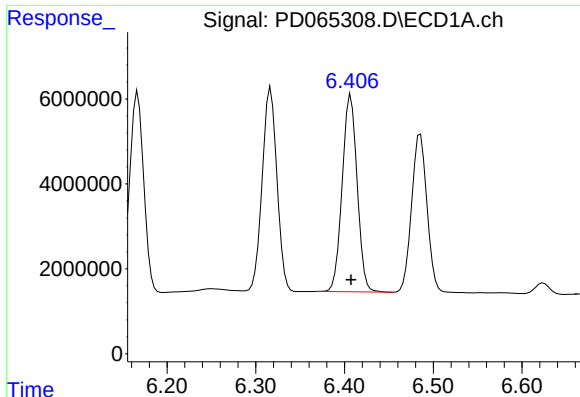
#16 4,4'-DDD

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 53662636
Conc: 50.20 ng/ml



#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 283810590
Conc: 54.38 ng/ml



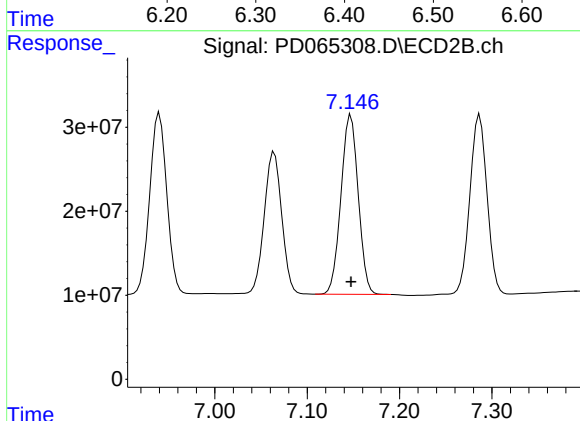
#17 4,4'-DDT

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 54432067
Conc: 47.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

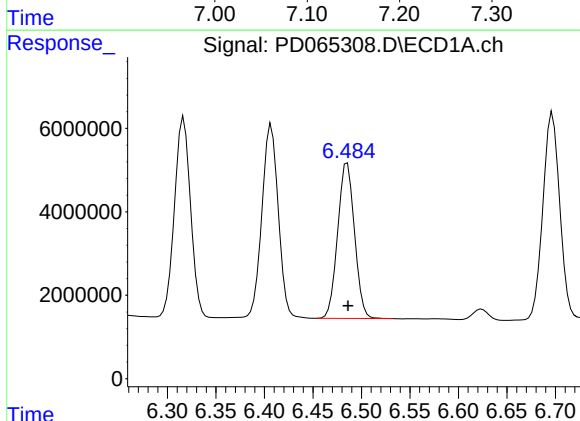
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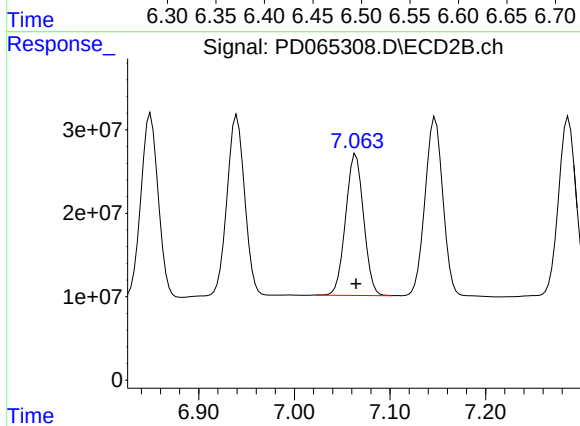
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 277956892
Conc: 51.70 ng/ml



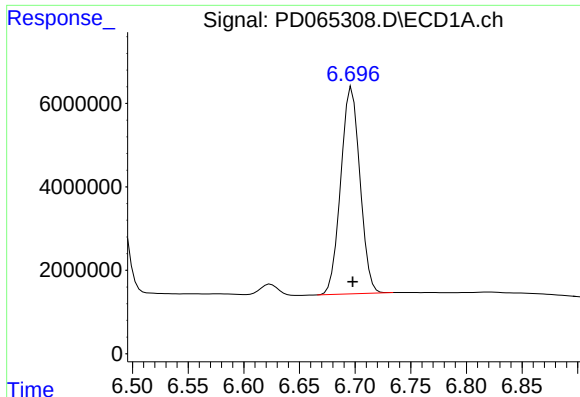
#18 Endrin aldehyde

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 44873382
Conc: 47.02 ng/ml



#18 Endrin aldehyde

R.T.: 7.063 min
Delta R.T.: -0.001 min
Response: 222801399
Conc: 52.69 ng/ml m



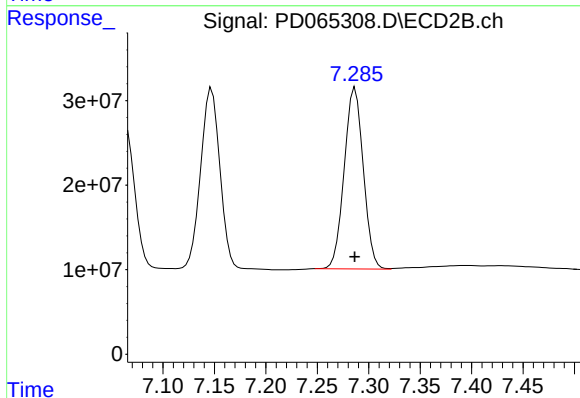
#19 Endosulfan Sulfate

R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 59562741
Conc: 48.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

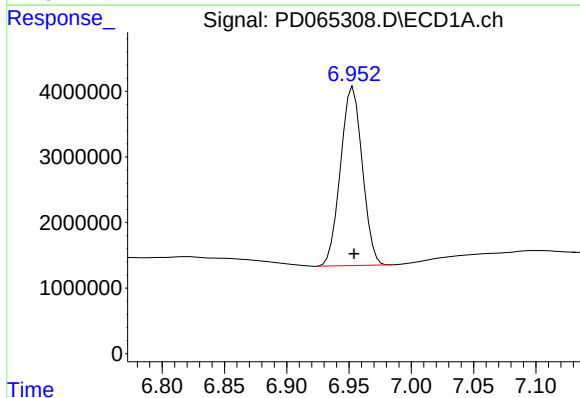
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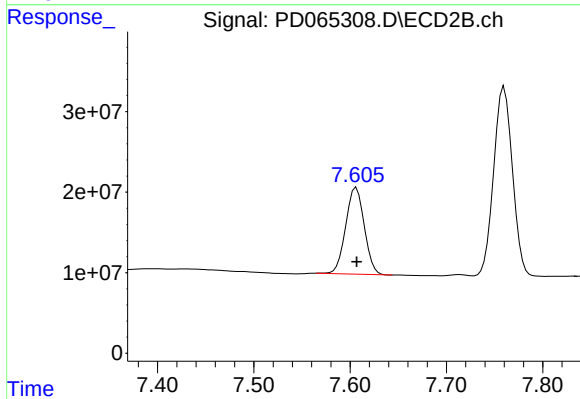
#19 Endosulfan Sulfate

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 276991671
Conc: 52.92 ng/ml



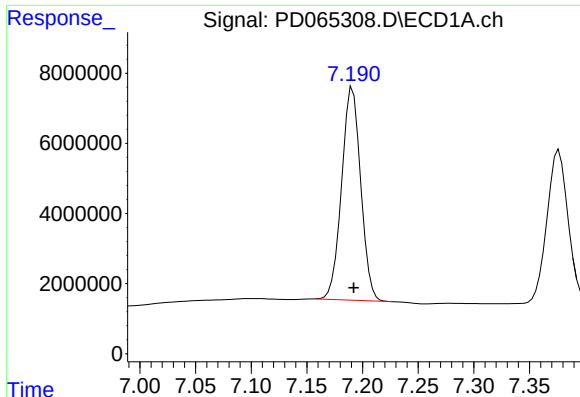
#20 Methoxychlor

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 33266371
Conc: 47.36 ng/ml



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 143699652
Conc: 51.45 ng/ml



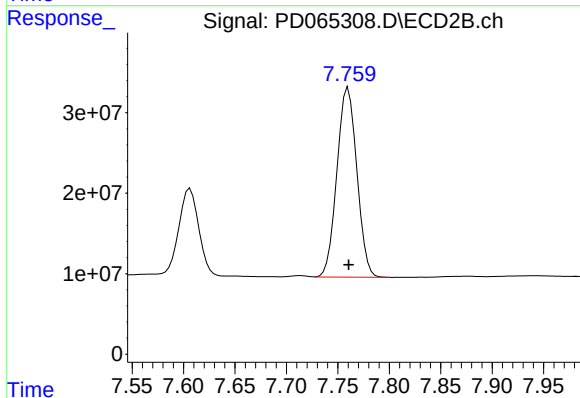
#21 Endrin ketone

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 72333119
Conc: 49.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

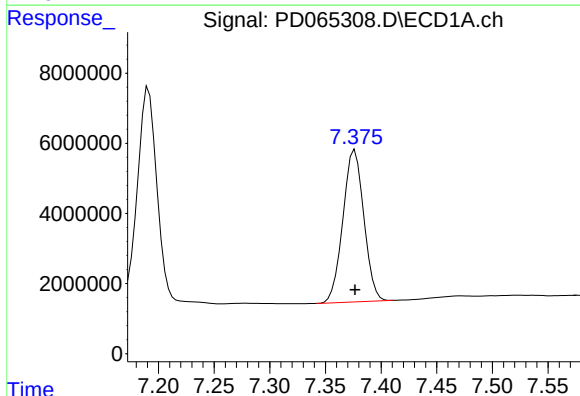
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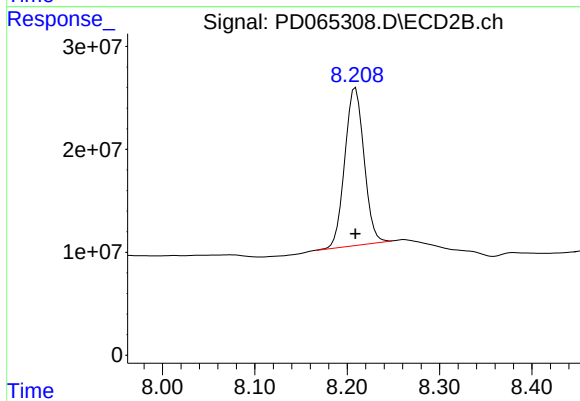
#21 Endrin ketone

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 317442011
Conc: 53.85 ng/ml



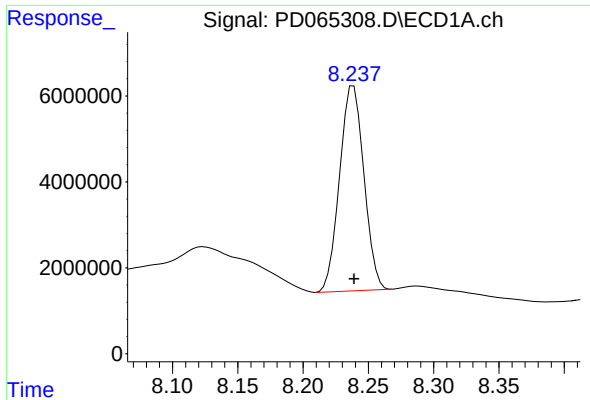
#22 Mirex

R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 56707032
Conc: 53.87 ng/ml



#22 Mirex

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 221305737
Conc: 53.59 ng/ml



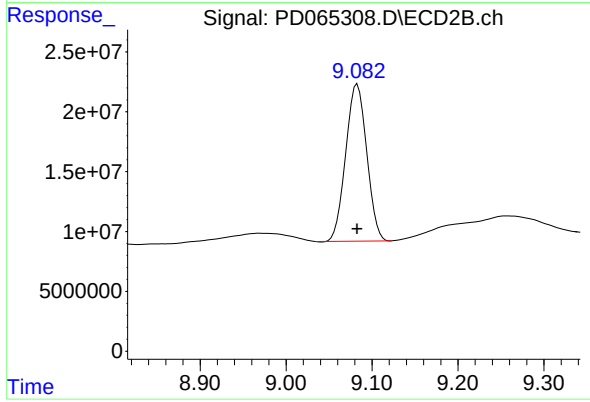
#28 Decachlorobiphenyl

R.T.: 8.237 min
Delta R.T.: -0.002 min
Response: 61986869
Conc: 45.68 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
8/26/2021 2:26:52 PM



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 223164715
Conc: 51.53 ng/ml