

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
 Data File : PD065102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2021 12:59
 Operator : AR\AJ
 Sample : PB138530BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB138530BS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 01:45:17 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	4.012	26020756	190.9E6	25.315	24.104
28)	SA Decachlor...	8.240	9.082	28156964	112.3E6	24.851	23.730
Target Compounds							
2)	A alpha-BHC	3.935	4.407	77818612	599.3E6	54.374	51.592
3)	MA gamma-BHC...	4.218	4.693	72233140	558.4E6	52.650	52.713
4)	MA Heptachlor	4.517	5.196	67180391	514.9E6	51.579	51.354m
5)	MB Aldrin	4.765	5.501	61065859	443.9E6	50.922	49.138m
6)	B beta-BHC	4.466	4.869	33721106	246.7E6	52.862	55.206
7)	B delta-BHC	4.671	5.086	69943378	517.0E6	52.904	53.231
8)	B Heptachlo...	5.207	5.891	60422881	341.7E6	53.171	45.797m
9)	A Endosulfan I	5.545	6.250	56405258	379.4E6	52.878	53.874
10)	B gamma-Chl...	5.432	6.124	60379180	402.8E6	53.401	52.685m
11)	B alpha-Chl...	5.491	6.198	58727336	395.3E6	52.451	53.102
12)	B 4,4'-DDE	5.653	6.356	58188503	384.1E6	55.211	53.490
13)	MA Dieldrin	5.788	6.507	62048919	395.4E6	55.289	54.485m
14)	MA Endrin	6.046	6.726	53392766	301.7E6	50.880	49.023
15)	B Endosulfa...	6.318	6.940	56177666	339.9E6	56.185	57.961
16)	A 4,4'-DDD	6.168	6.850	49832876	327.7E6	52.689	55.736
17)	MA 4,4'-DDT	6.408	7.147	54091573	337.4E6	54.391	56.262
18)	B Endrin al...	6.487	7.064	48590625	293.3E6	58.720	62.871
19)	B Endosulfa...	6.699	7.287	59452158	339.8E6	55.986	59.250
20)	A Methoxychlor	6.955	7.606	32473930	170.1E6	55.095	56.200
21)	B Endrin ke...	7.193	7.761	71055550	382.5E6	55.735	58.856
22)	Mirex	7.378	8.209	53779099	249.5E6	52.739	56.028

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
Data File : PD065102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2021 12:59
Operator : AR\AJ
Sample : PB138530BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

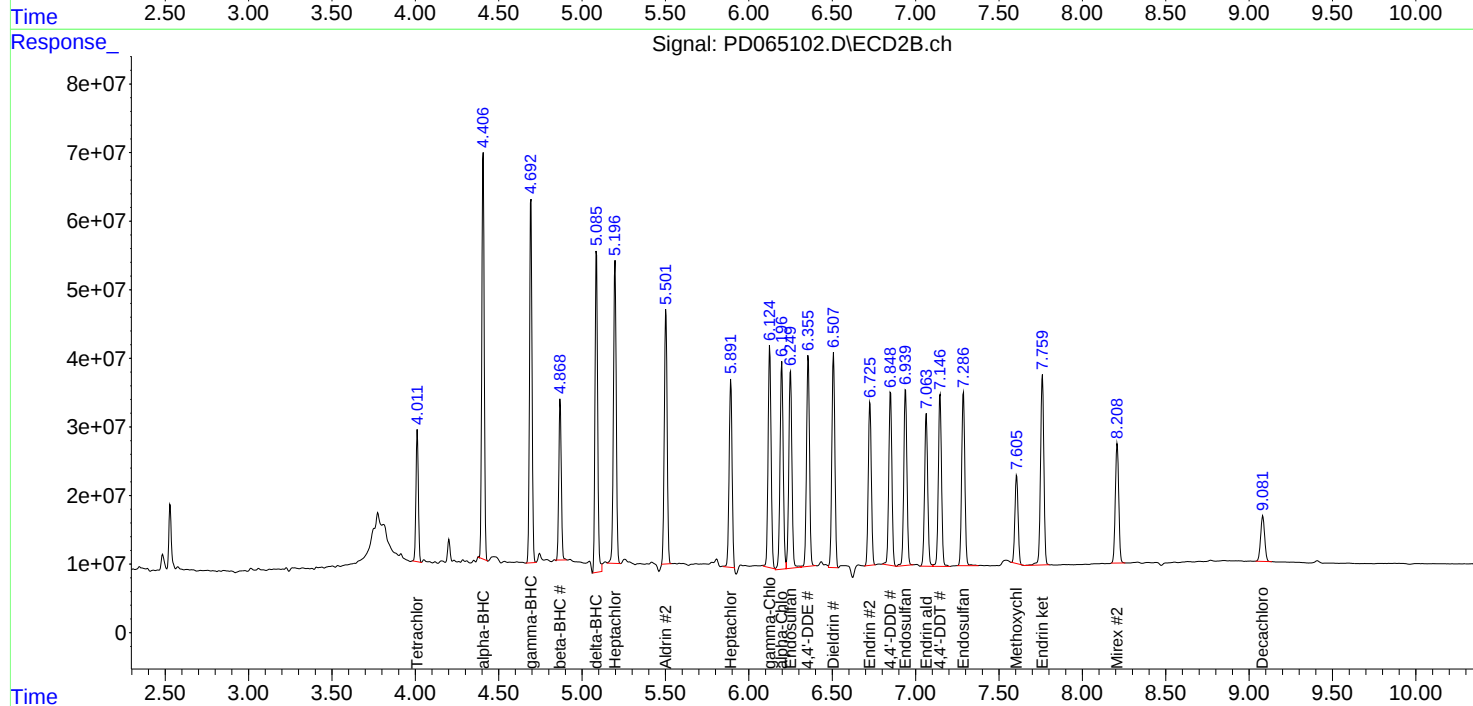
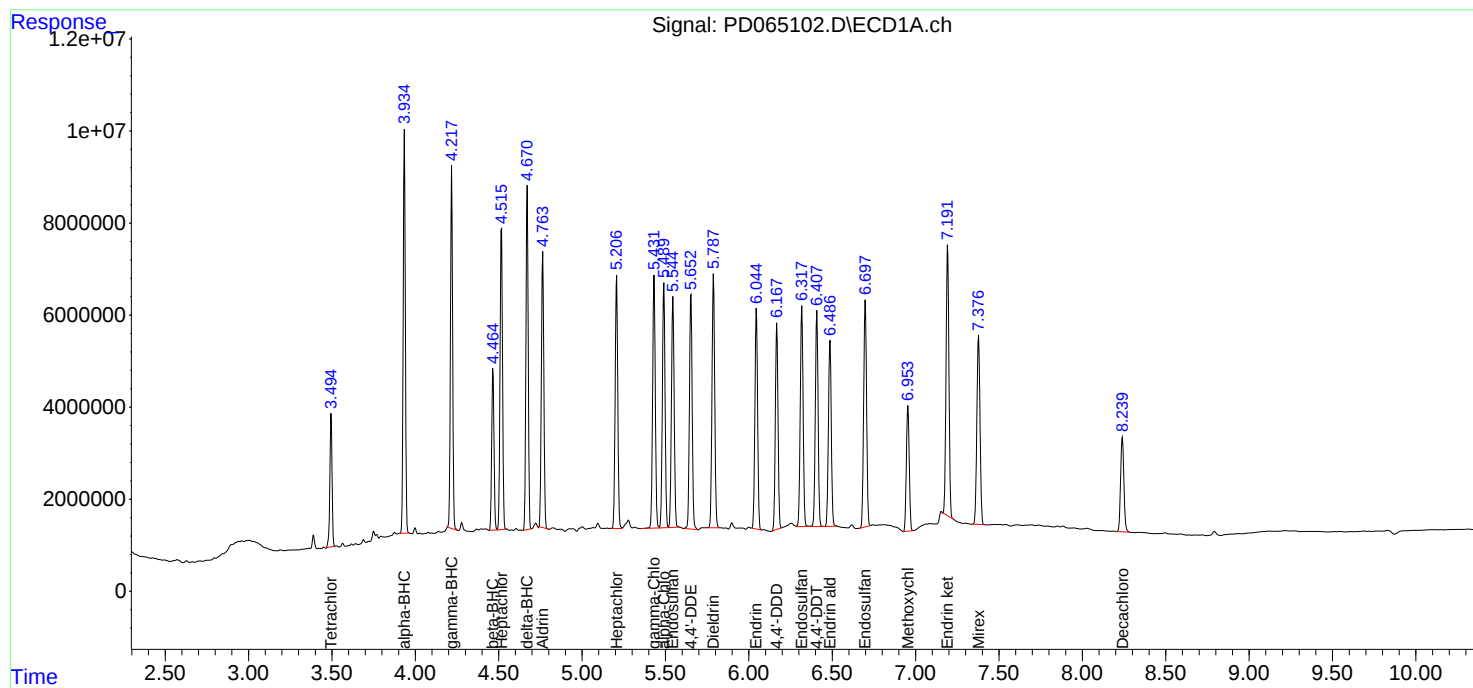
Instrument :
ECD_D
ClientSampleId :
PB138530BS

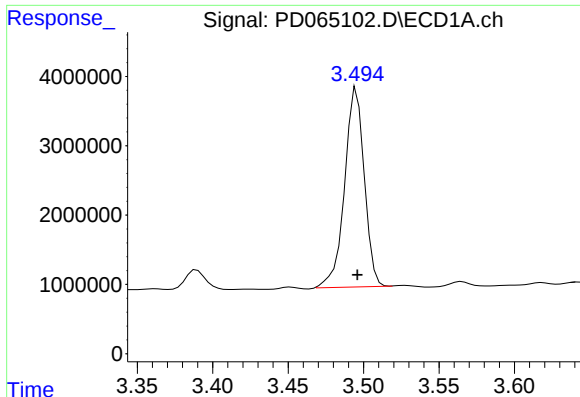
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 01:45:17 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
Quant Title : GC Extractables
QLast Update : Fri Aug 20 02:25:41 2021
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Volume Inj. : 2 µl
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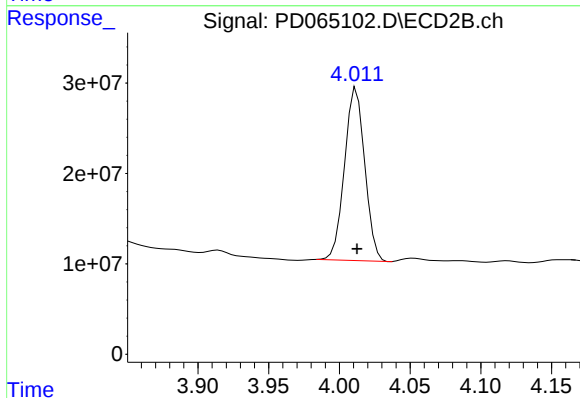
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 26020756
Conc: 25.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138530BS

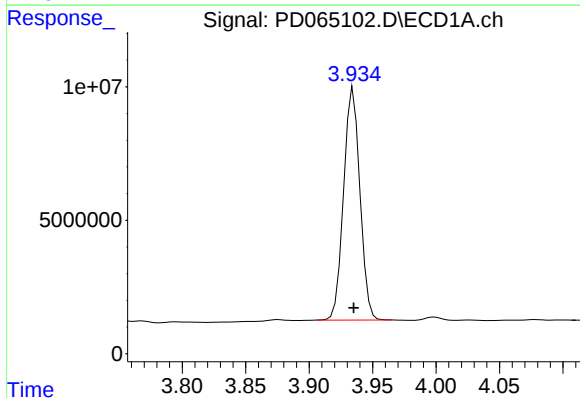
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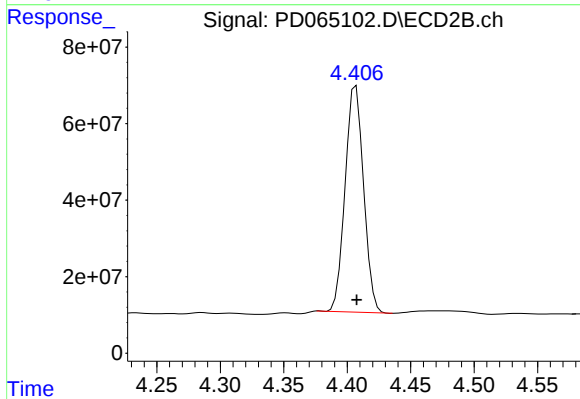
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 190920762
Conc: 24.10 ng/ml



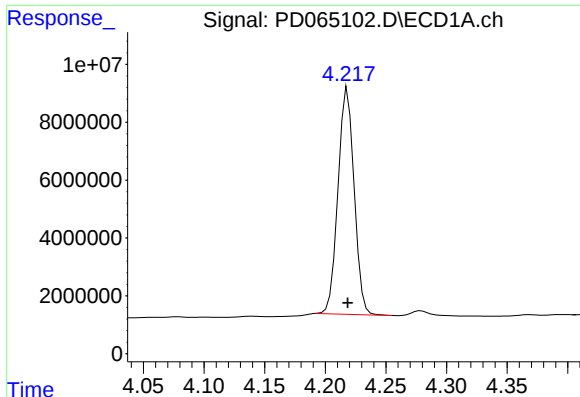
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 77818612
Conc: 54.37 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 599341598
Conc: 51.59 ng/ml



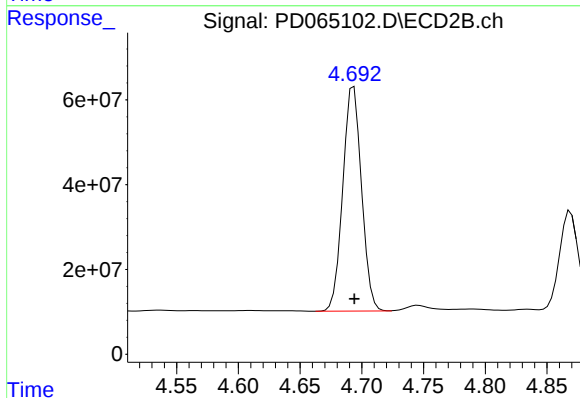
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 72233140
Conc: 52.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138530BS

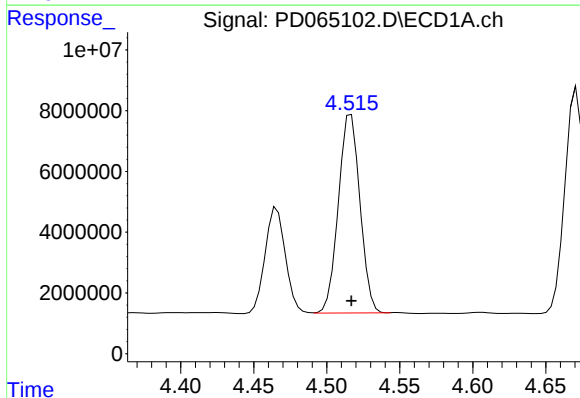
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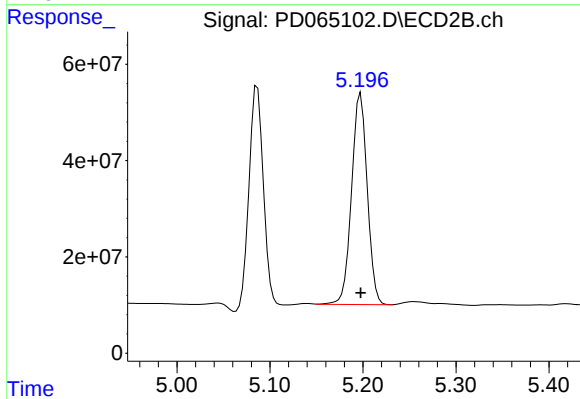
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 558411498
Conc: 52.71 ng/ml



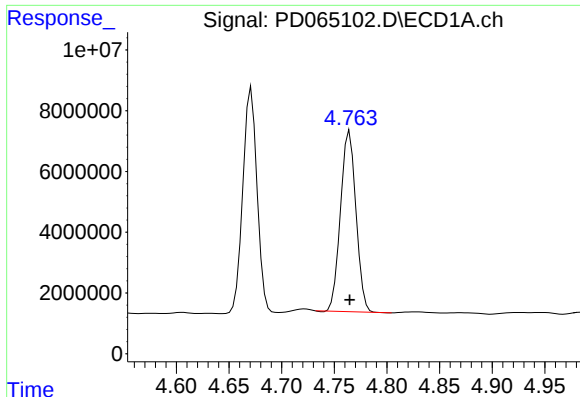
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 67180391
Conc: 51.58 ng/ml



#4 Heptachlor

R.T.: 5.196 min
Delta R.T.: -0.002 min
Response: 514878488
Conc: 51.35 ng/ml m



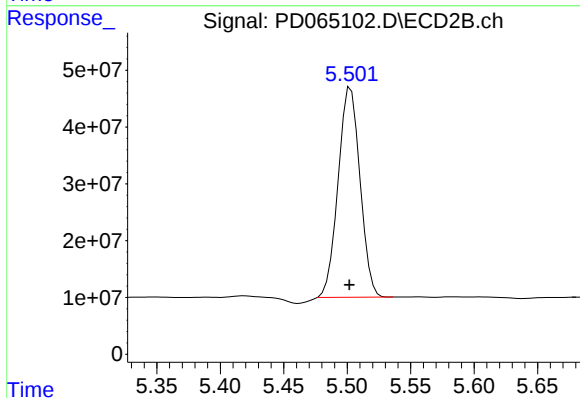
#5 Aldrin

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 61065859
Conc: 50.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138530BS

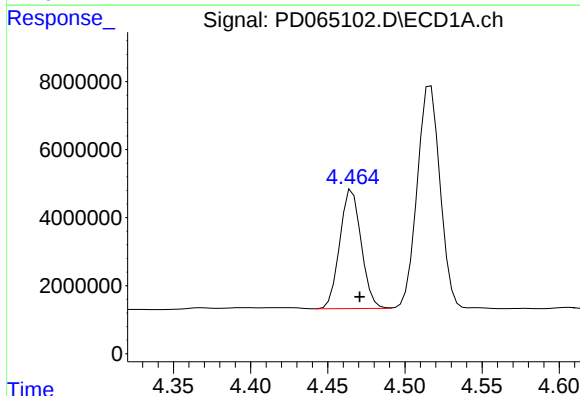
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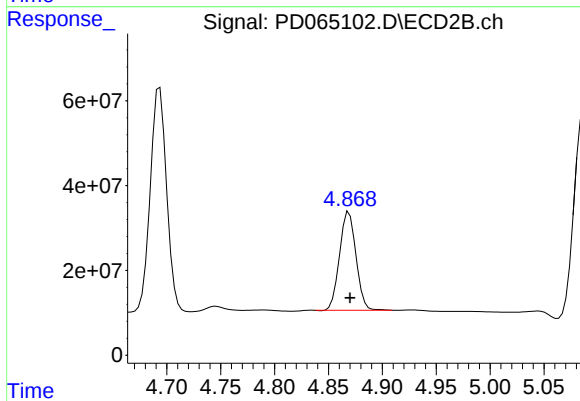
#5 Aldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 443866886
Conc: 49.14 ng/ml m



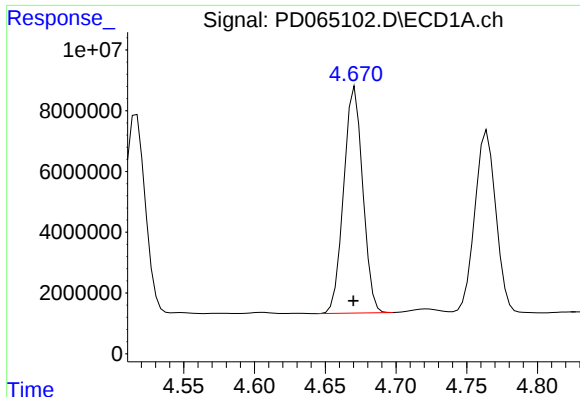
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 33721106
Conc: 52.86 ng/ml



#6 beta-BHC

R.T.: 4.869 min
Delta R.T.: -0.001 min
Response: 246670318
Conc: 55.21 ng/ml



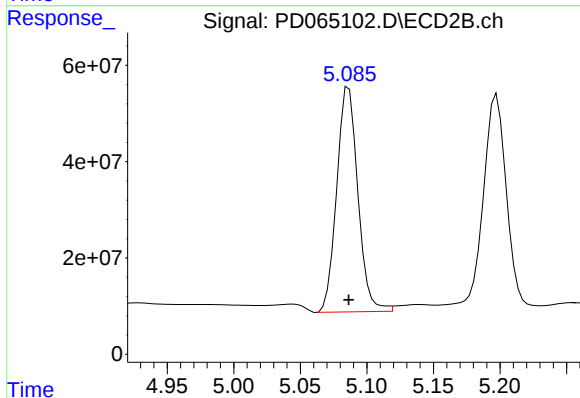
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.001 min
Response: 69943378
Conc: 52.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138530BS

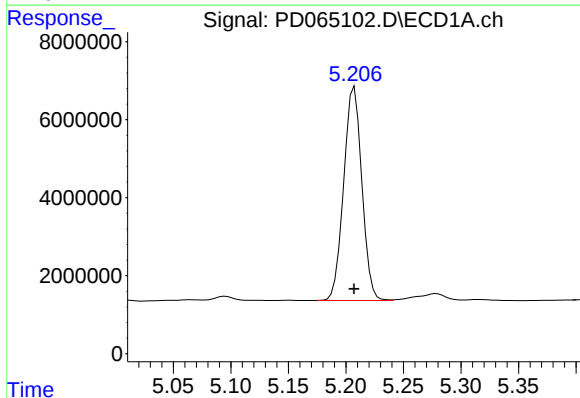
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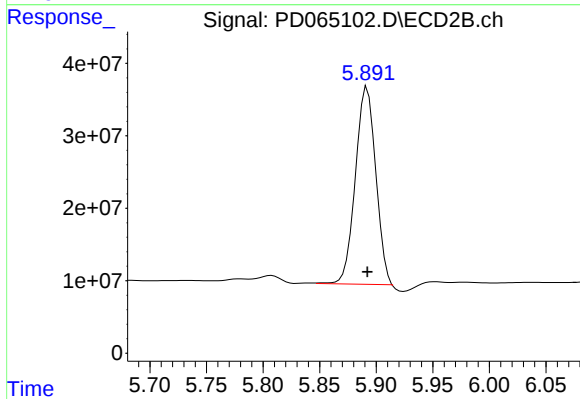
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 516961222
Conc: 53.23 ng/ml



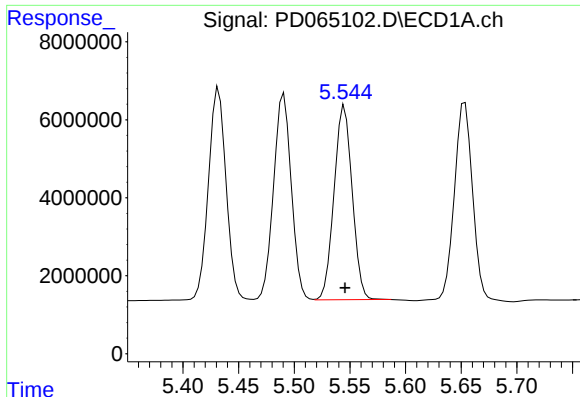
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 60422881
Conc: 53.17 ng/ml



#8 Heptachlor epoxide

R.T.: 5.891 min
Delta R.T.: -0.002 min
Response: 341663950
Conc: 45.80 ng/ml m



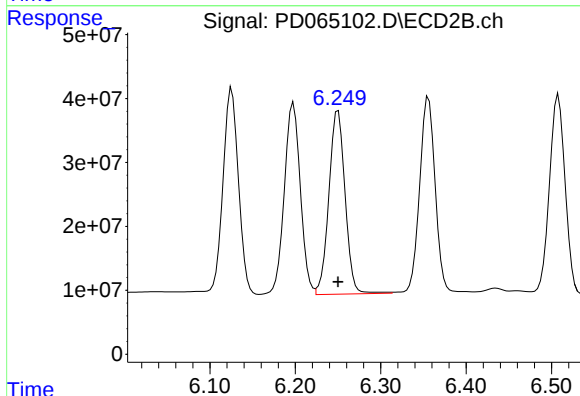
#9 Endosulfan I

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 56405258
Conc: 52.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138530BS

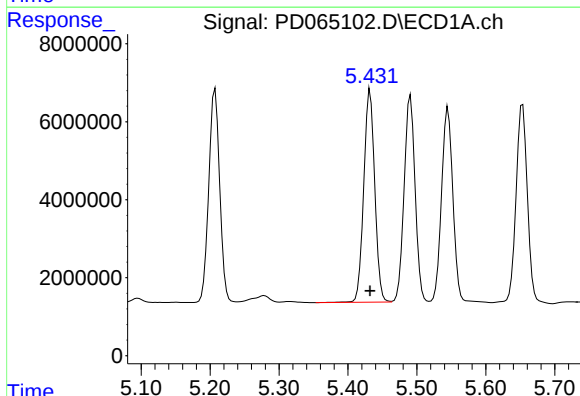
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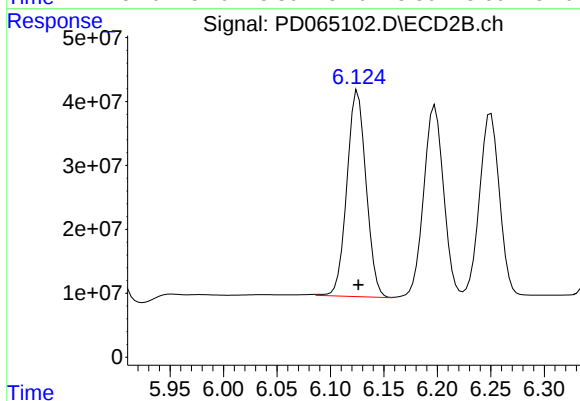
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 379412647
Conc: 53.87 ng/ml



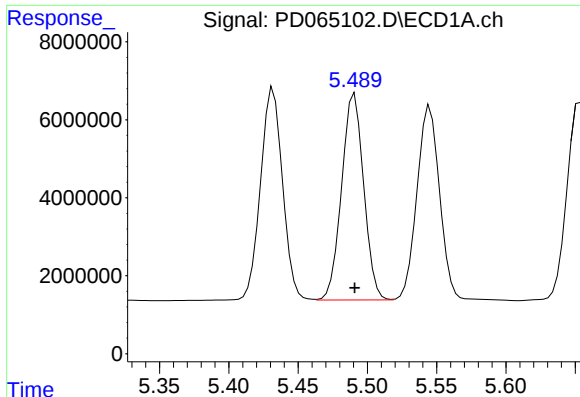
#10 gamma-Chlordane

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 60379180
Conc: 53.40 ng/ml



#10 gamma-Chlordane

R.T.: 6.124 min
Delta R.T.: -0.002 min
Response: 402835378
Conc: 52.69 ng/ml m



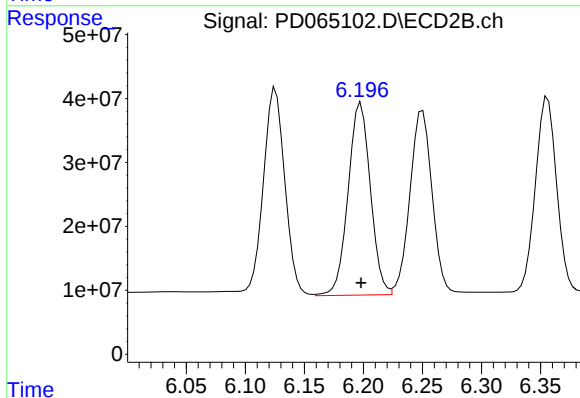
#11 alpha-Chlordane

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 58727336
Conc: 52.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138530BS

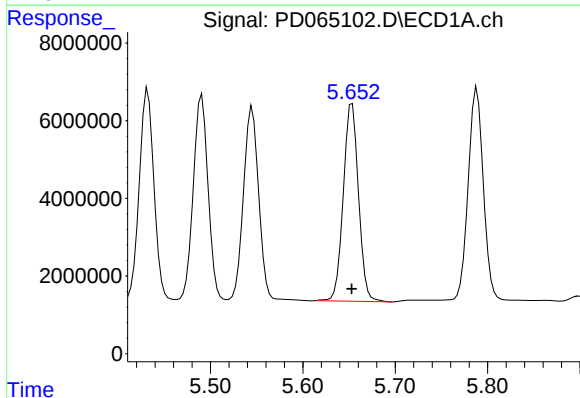
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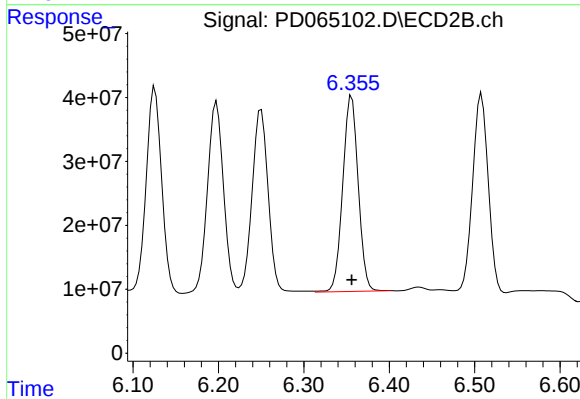
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 395325262
Conc: 53.10 ng/ml



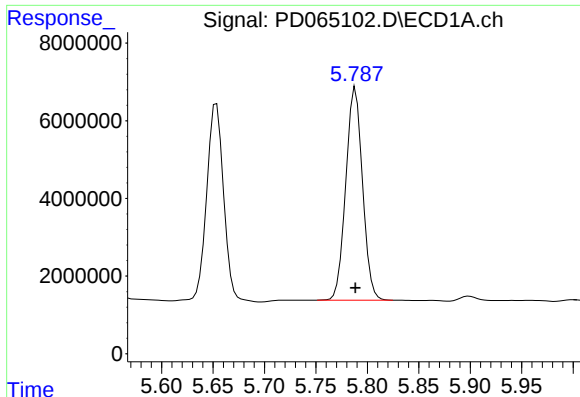
#12 4,4'-DDE

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 58188503
Conc: 55.21 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 384099756
Conc: 53.49 ng/ml



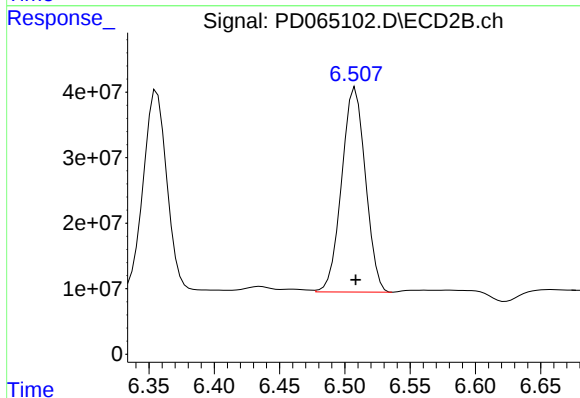
#13 Dieldrin

R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 62048919
Conc: 55.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138530BS

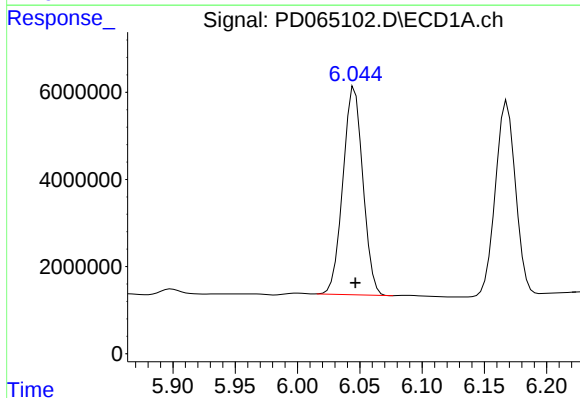
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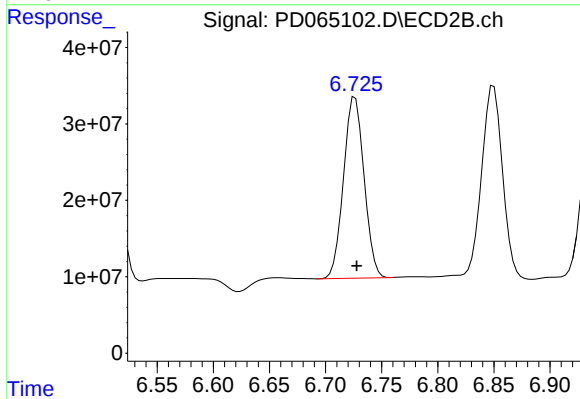
#13 Dieldrin

R.T.: 6.507 min
Delta R.T.: -0.002 min
Response: 395351964
Conc: 54.49 ng/ml m



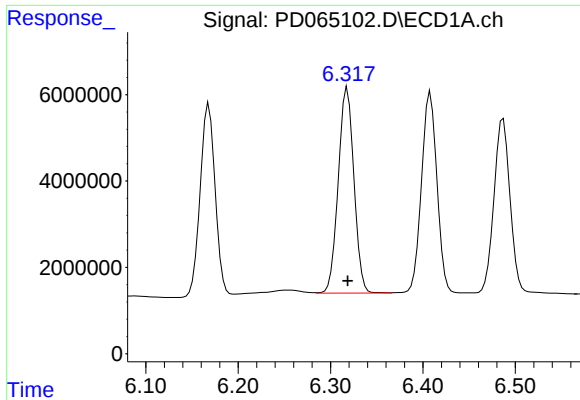
#14 Endrin

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 53392766
Conc: 50.88 ng/ml



#14 Endrin

R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 301726554
Conc: 49.02 ng/ml



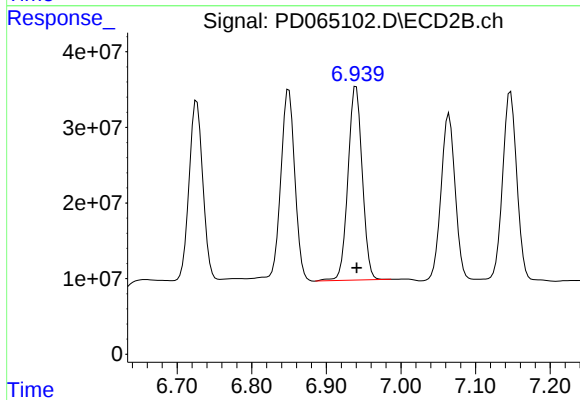
#15 Endosulfan II

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 56177666
Conc: 56.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138530BS

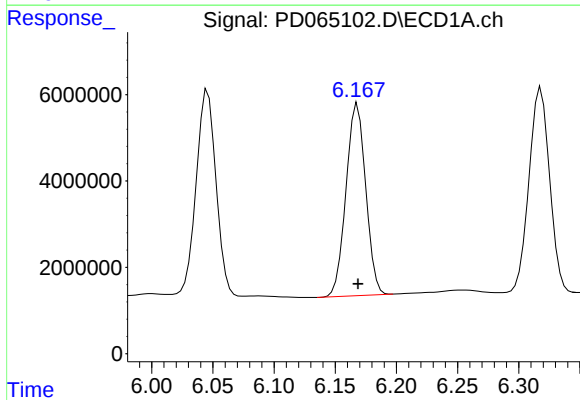
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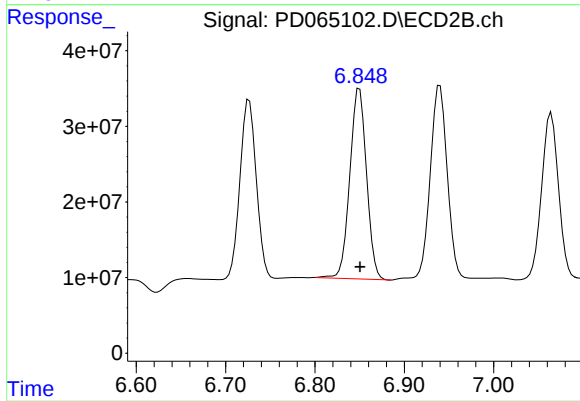
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 339875124
Conc: 57.96 ng/ml



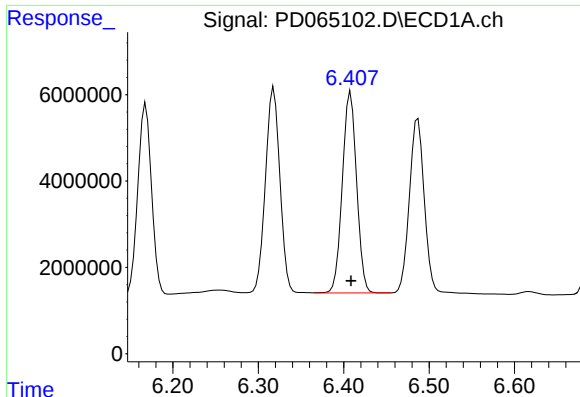
#16 4,4'-DDD

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 49832876
Conc: 52.69 ng/ml



#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 327748668
Conc: 55.74 ng/ml



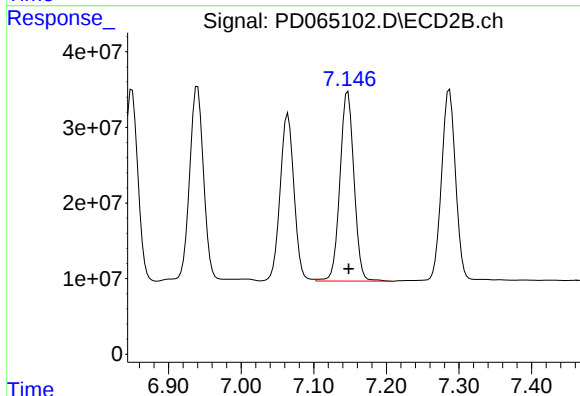
#17 4,4'-DDT

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 54091573
Conc: 54.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138530BS

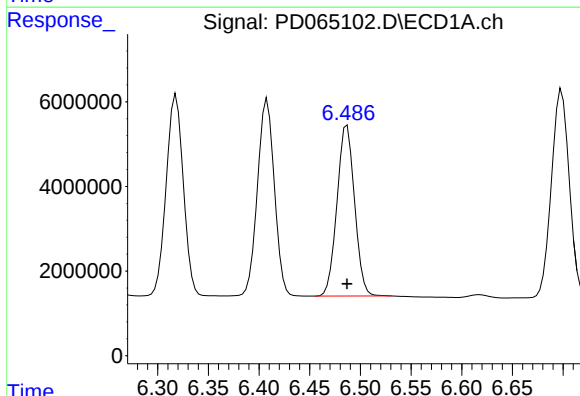
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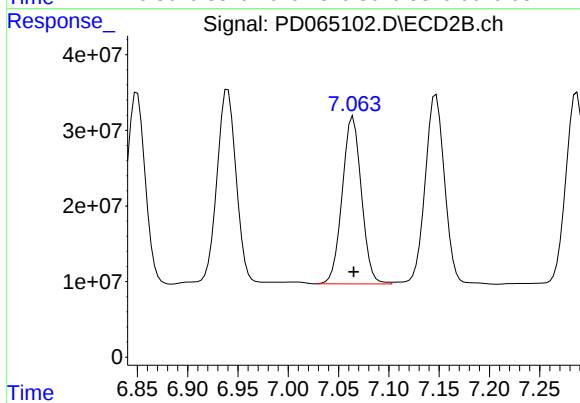
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: -0.001 min
Response: 337396886
Conc: 56.26 ng/ml



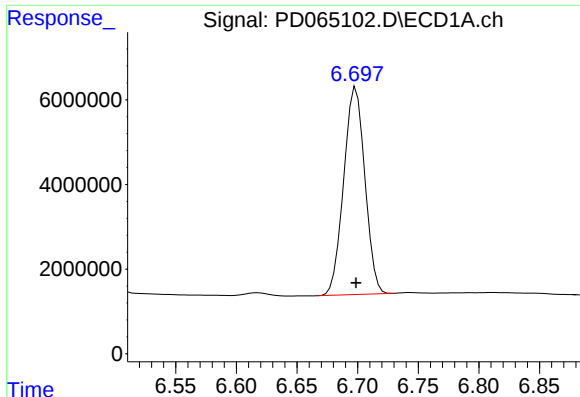
#18 Endrin aldehyde

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 48590625
Conc: 58.72 ng/ml



#18 Endrin aldehyde

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 293256634
Conc: 62.87 ng/ml



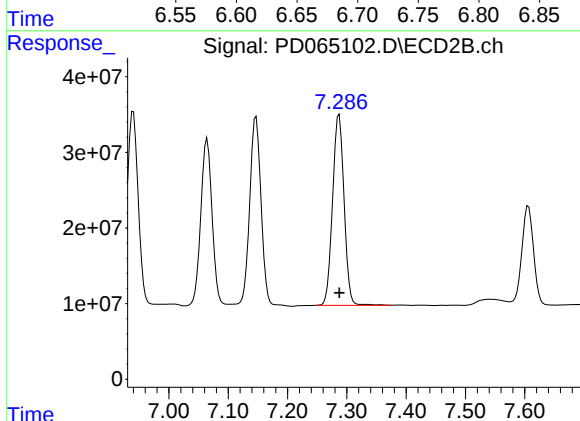
#19 Endosulfan Sulfate

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 59452158
Conc: 55.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138530BS

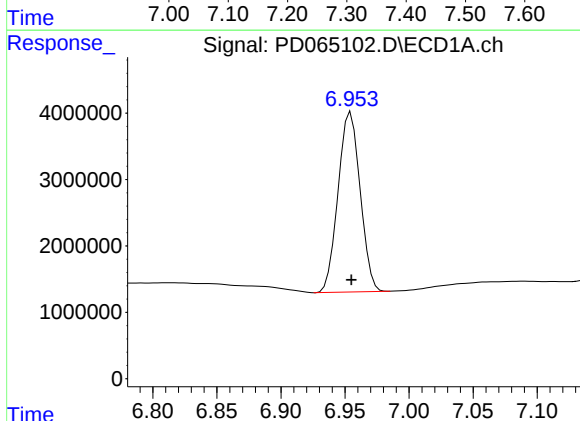
Manual Integrations
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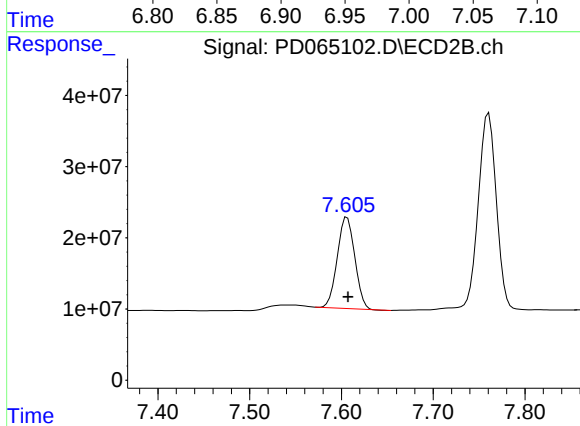
#19 Endosulfan Sulfate

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 339776813
Conc: 59.25 ng/ml



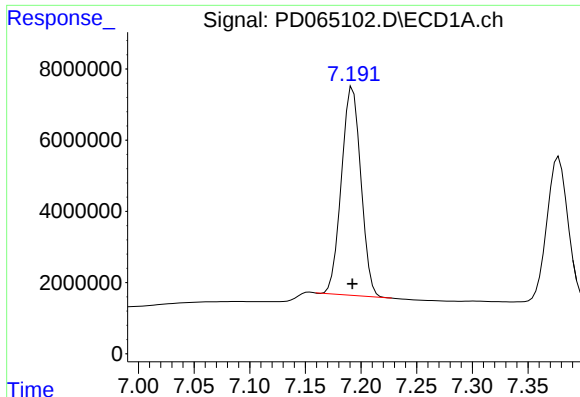
#20 Methoxychlor

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 32473930
Conc: 55.09 ng/ml



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 170067493
Conc: 56.20 ng/ml



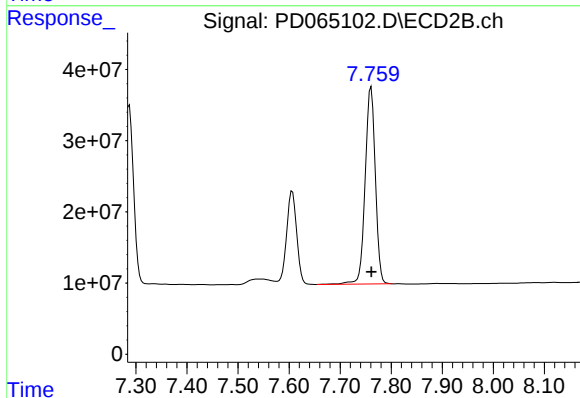
#21 Endrin ketone

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 71055550
Conc: 55.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138530BS

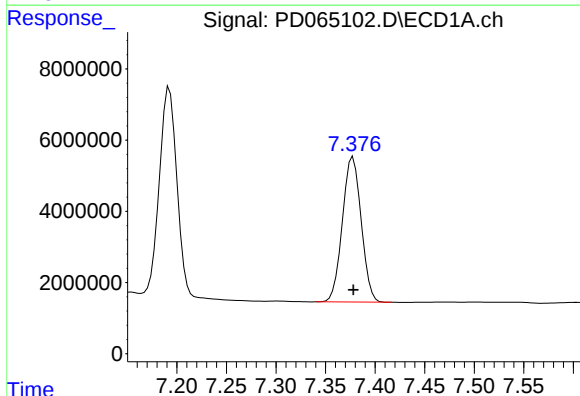
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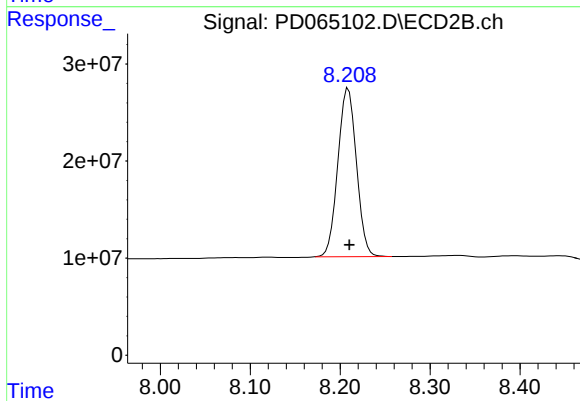
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 382486408
Conc: 58.86 ng/ml



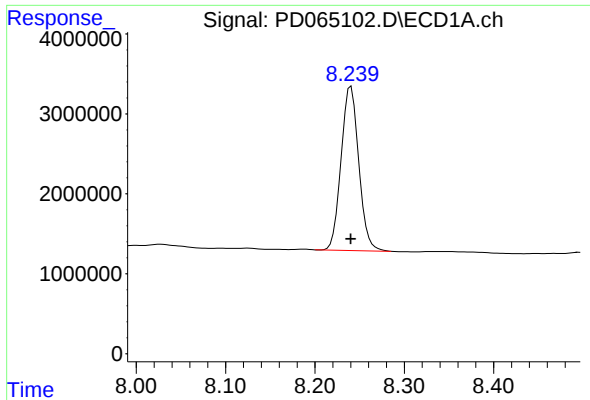
#22 Mirex

R.T.: 7.378 min
Delta R.T.: 0.000 min
Response: 53779099
Conc: 52.74 ng/ml



#22 Mirex

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 249456092
Conc: 56.03 ng/ml



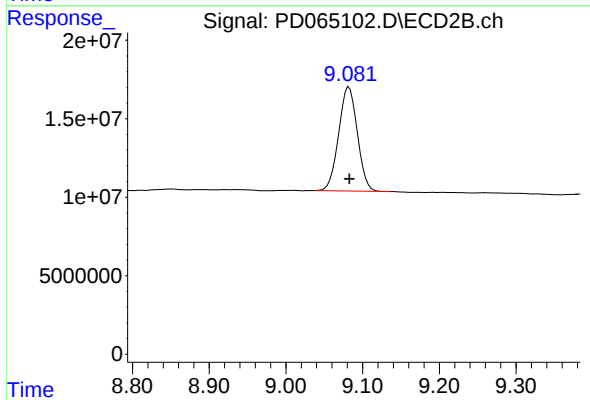
#28 Decachlorobiphenyl

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 28156964
Conc: 24.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138530BS

Manual Integrations
APPROVED

mohammad
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#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 112304868
Conc: 23.73 ng/ml