

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082521\
 Data File : PD065315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2021 17:22
 Operator : AR\AJ
 Sample : PB138713BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB138713BSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 03:40:53 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	20280057	145.2E6	18.810	21.237
28)	SA Decachlor...	8.239	9.084	27862712	95110976	20.534	21.962
Target Compounds							
2)	A alpha-BHC	3.935	4.408	73284140	508.7E6	47.681	51.401
3)	MA gamma-BHC...	4.218	4.694	69583095	460.6E6	45.817	51.182
4)	MA Heptachlor	4.516	5.198	64381630	420.2E6	45.190	49.666
5)	MB Aldrin	4.764	5.503	62317189	394.0E6	47.166	50.632
6)	B beta-BHC	4.466	4.870	32533518	216.1E6	48.285	56.667
7)	B delta-BHC	4.671	5.086	65673096	429.7E6	44.625	49.597
8)	B Heptachlo...	5.206	5.892	59775163	347.6E6	47.291	54.616
9)	A Endosulfan I	5.545	6.250	57117592	319.1E6	47.726	52.291
10)	B gamma-Chl...	5.431	6.126	60831770	343.3E6	47.796	52.174
11)	B alpha-Chl...	5.490	6.198	59648488	334.2E6	47.223	51.756
12)	B 4,4'-DDE	5.652	6.356	58001120	330.0E6	48.543	53.192
13)	MA Dieldrin	5.787	6.508	62605914	340.8E6	49.464	53.800
14)	MA Endrin	6.045	6.728	55897903	283.0E6	46.656	52.690
15)	B Endosulfa...	6.318	6.939	56302924	283.3E6	48.695	54.251m
16)	A 4,4'-DDD	6.168	6.849	51892929	275.9E6	48.542	52.864m
17)	MA 4,4'-DDT	6.407	7.147	52495391	259.4E6	45.325	48.244
18)	B Endrin al...	6.486	7.065	50382538	250.7E6	52.793	59.296
19)	B Endosulfa...	6.698	7.287	60676186	286.0E6	49.146	54.630
20)	A Methoxychlor	6.954	7.607	32226343	141.9E6	45.880	50.786
21)	B Endrin ke...	7.192	7.761	73736557	327.2E6	50.245	55.515
22)	Mirex	7.377	8.209	56285095	221.2E6	53.429	53.563

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082521\
Data File : PD065315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2021 17:22
Operator : AR\AJ
Sample : PB138713BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

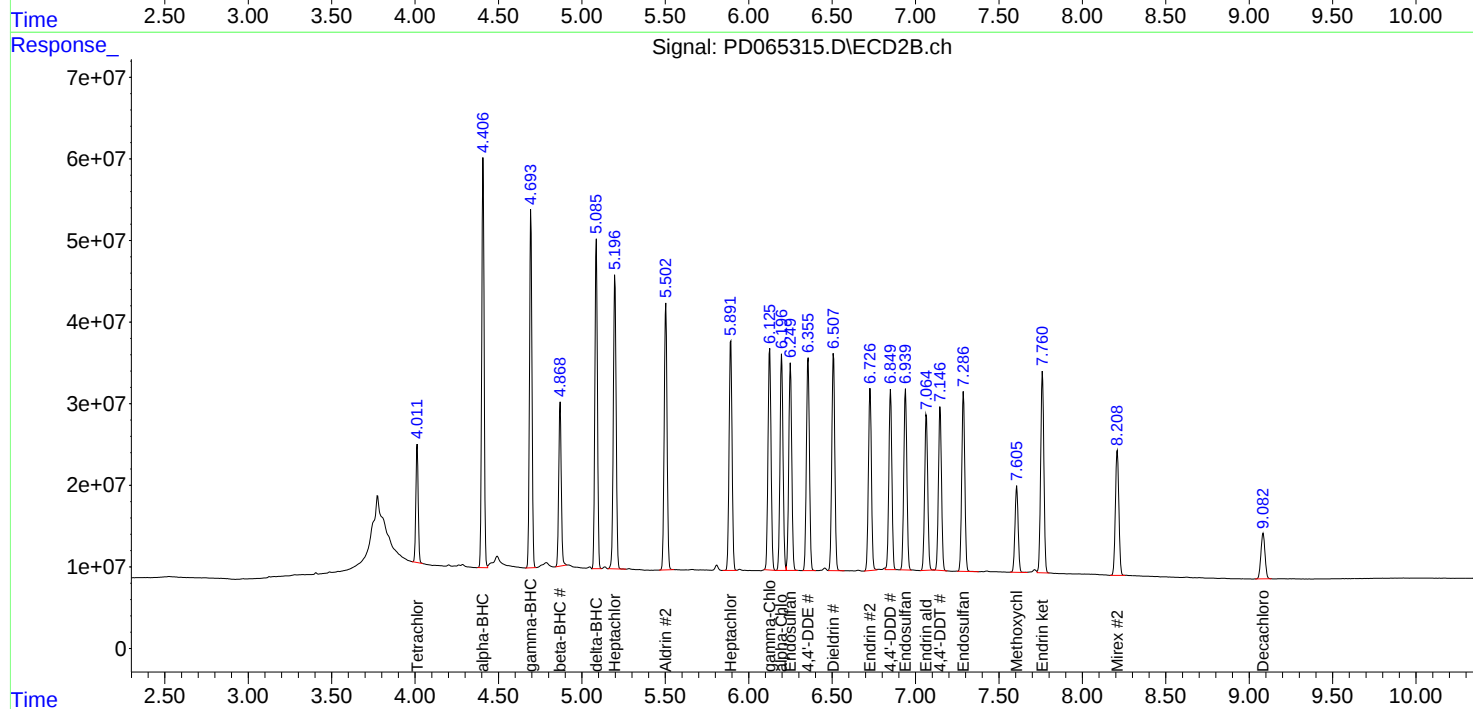
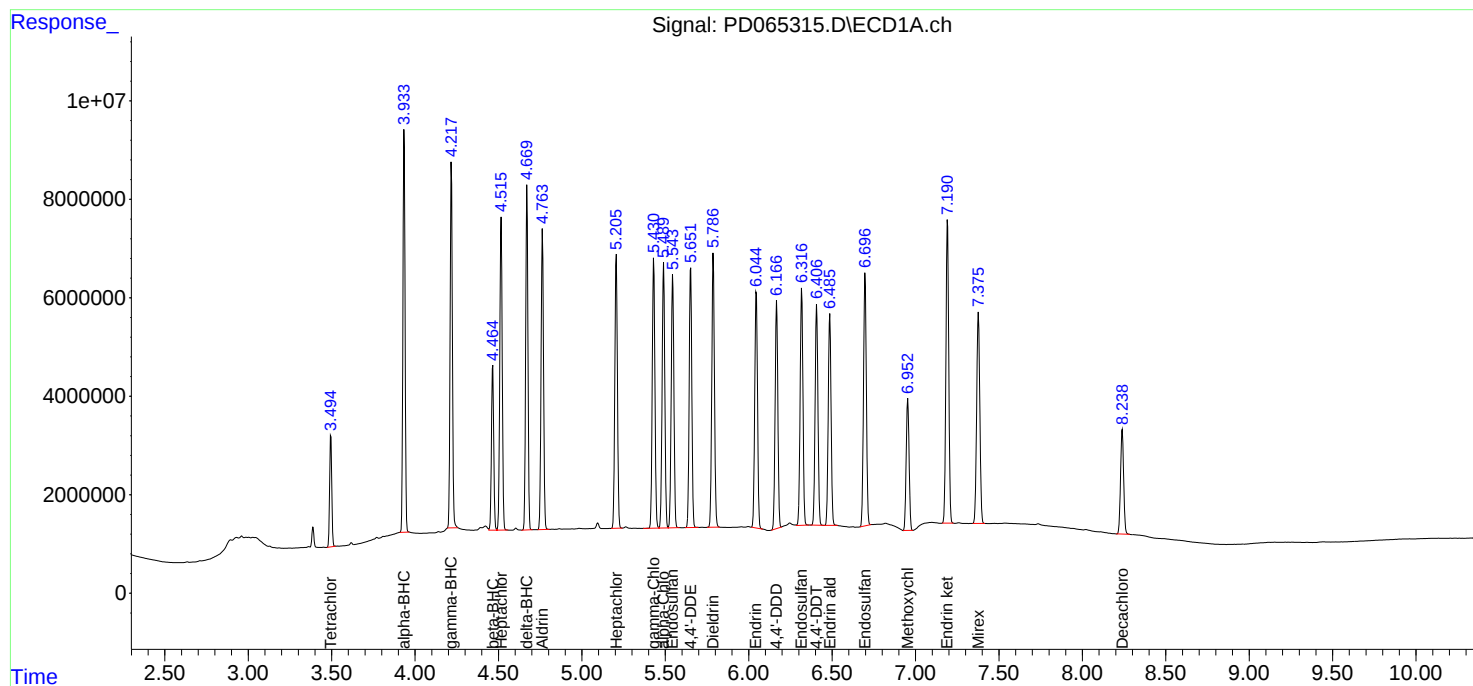
Instrument :
ECD_D
ClientSampleId :
PB138713BSD

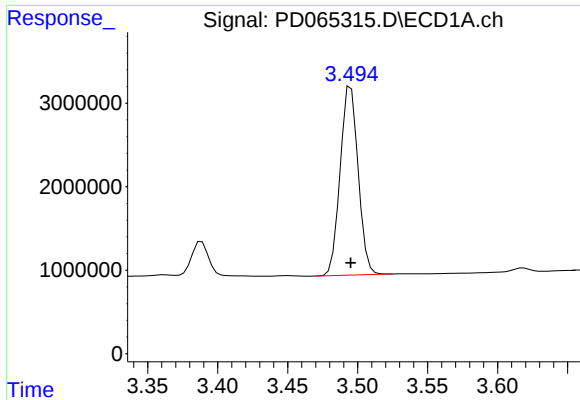
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 26 03:40:53 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082521.M
Quant Title : GC Extractables
QLast Update : Wed Aug 25 05:44:31 2021
Response 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





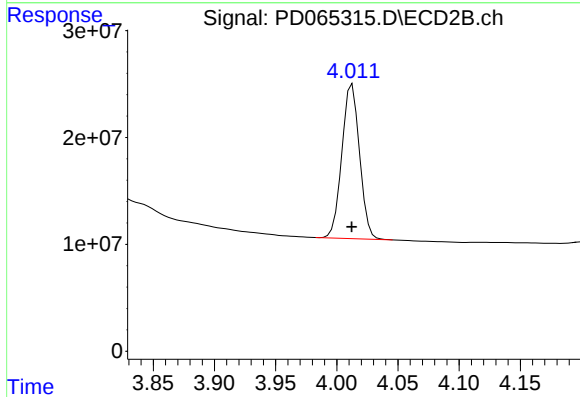
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: 0.000 min
Response: 20280057
Conc: 18.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BSD

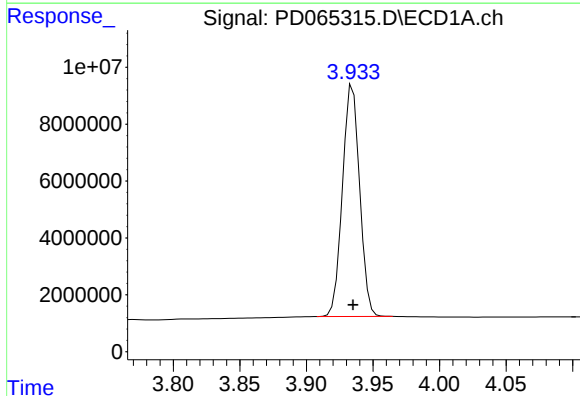
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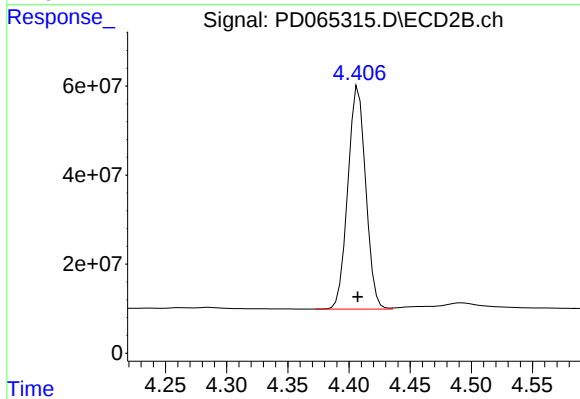
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 145204545
Conc: 21.24 ng/ml



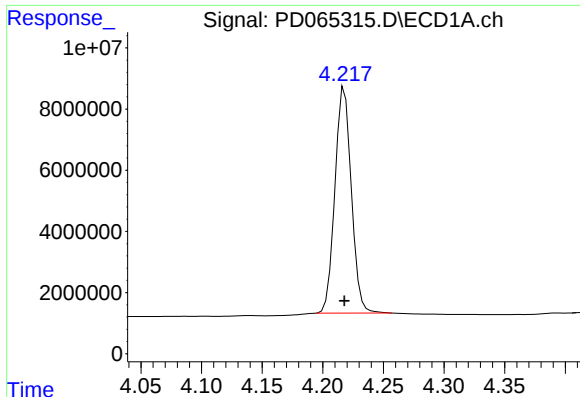
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 73284140
Conc: 47.68 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 508682540
Conc: 51.40 ng/ml



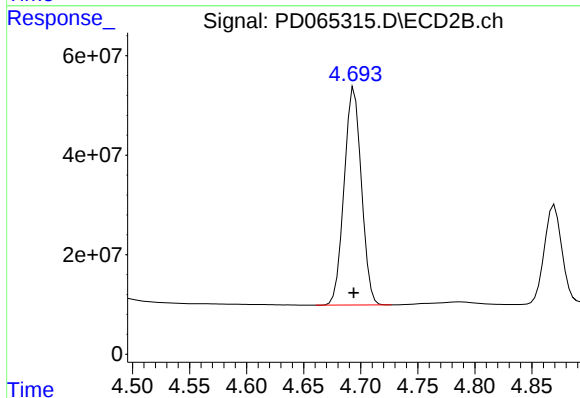
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 69583095
Conc: 45.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BSD

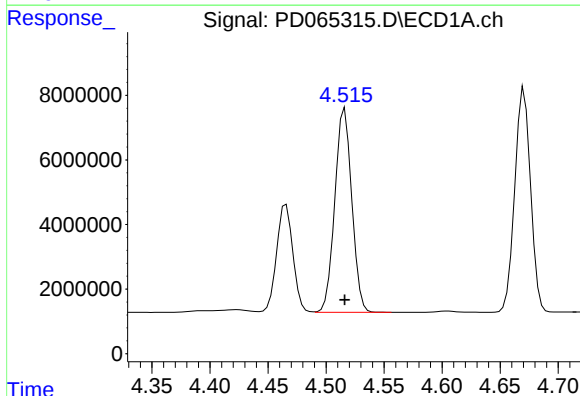
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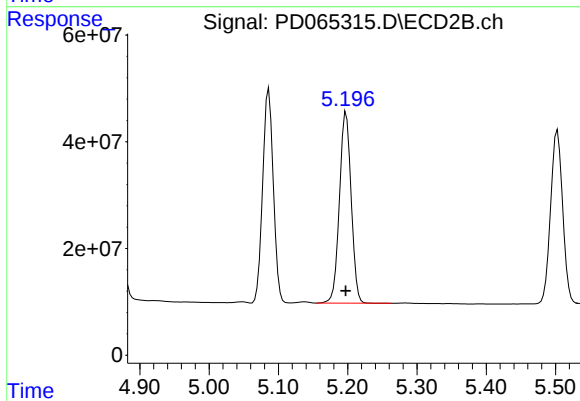
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 460642908
Conc: 51.18 ng/ml



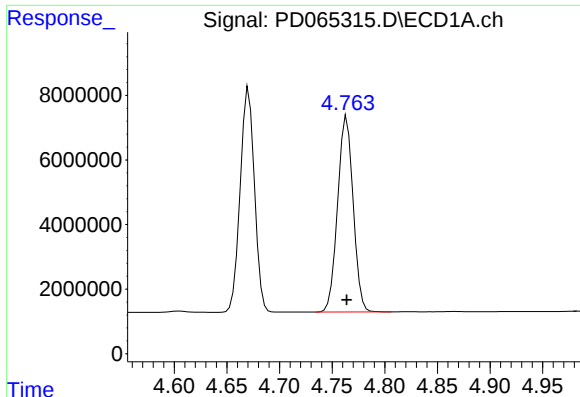
#4 Heptachlor

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 64381630
Conc: 45.19 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 420243025
Conc: 49.67 ng/ml



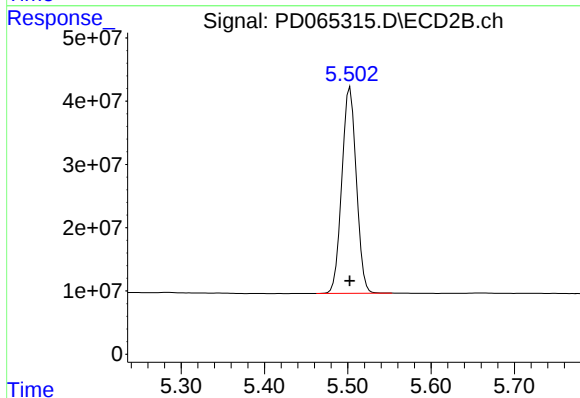
#5 Aldrin

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 62317189
Conc: 47.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BSD

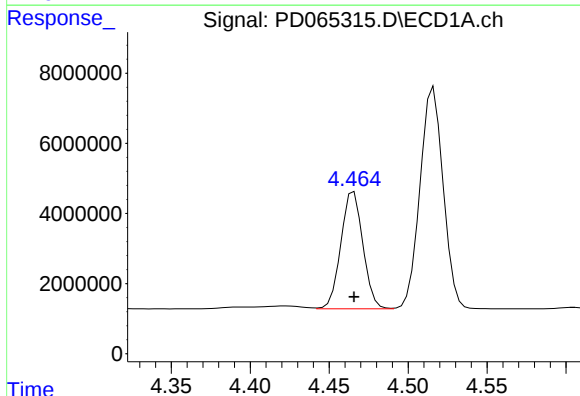
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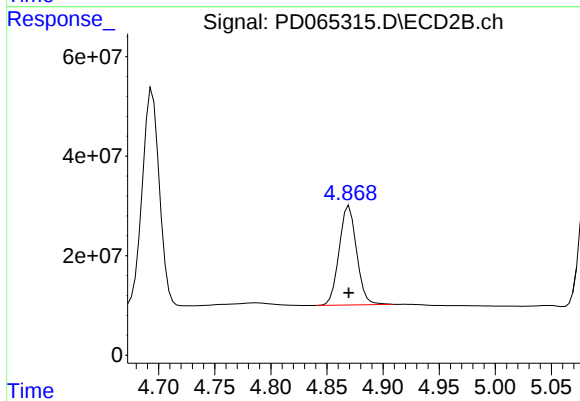
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 394007771
Conc: 50.63 ng/ml



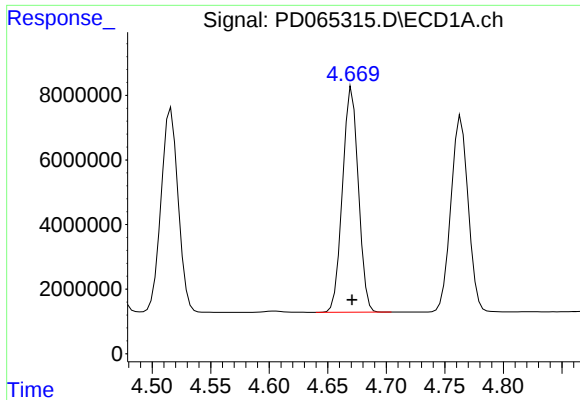
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 32533518
Conc: 48.29 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 216050030
Conc: 56.67 ng/ml



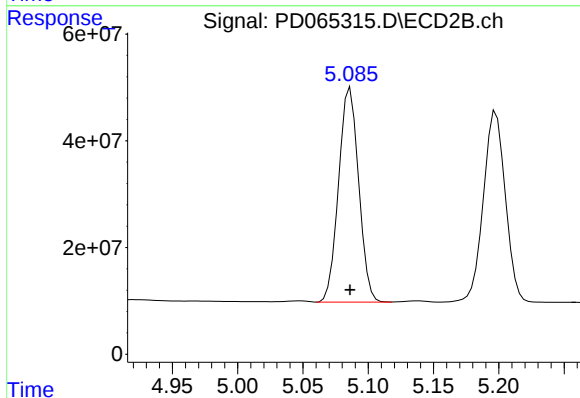
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 65673096
Conc: 44.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BSD

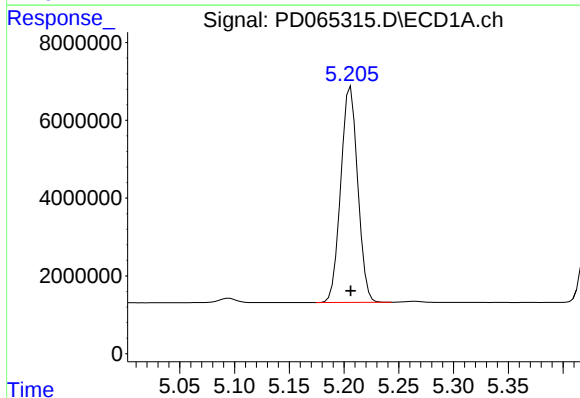
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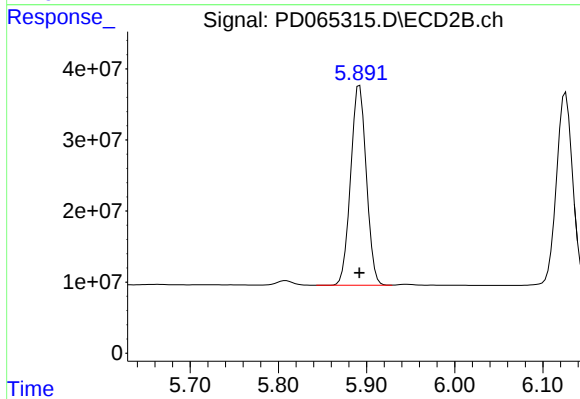
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 429664742
Conc: 49.60 ng/ml



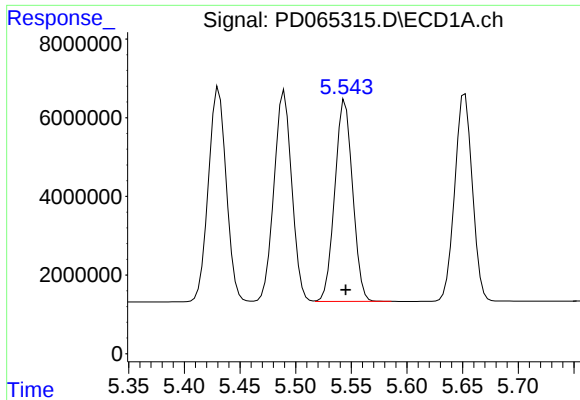
#8 Heptachlor epoxide

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 59775163
Conc: 47.29 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 347626016
Conc: 54.62 ng/ml



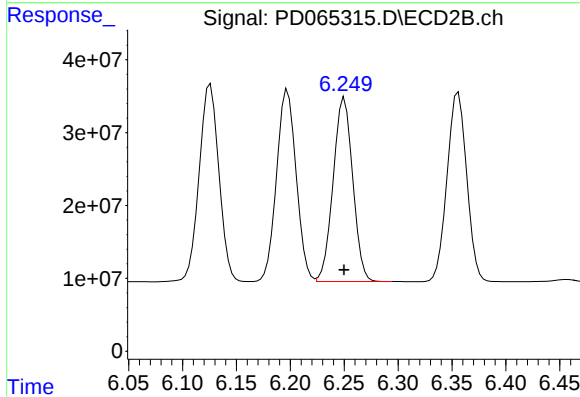
#9 Endosulfan I

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 57117592
Conc: 47.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BSD

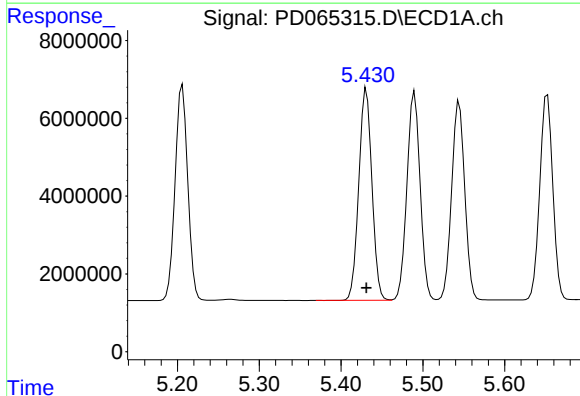
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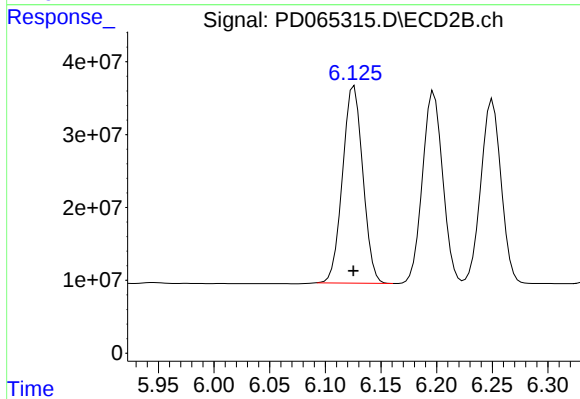
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 319079808
Conc: 52.29 ng/ml



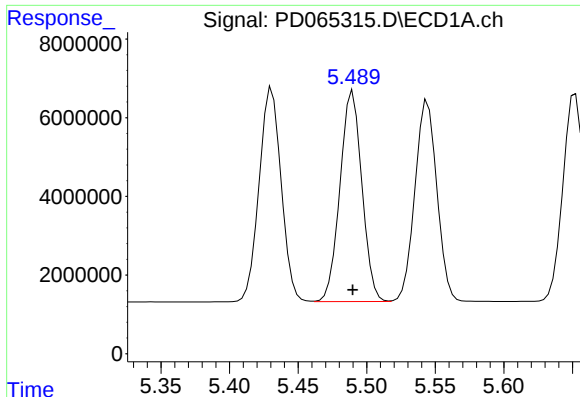
#10 gamma-Chlordane

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 60831770
Conc: 47.80 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 343289233
Conc: 52.17 ng/ml



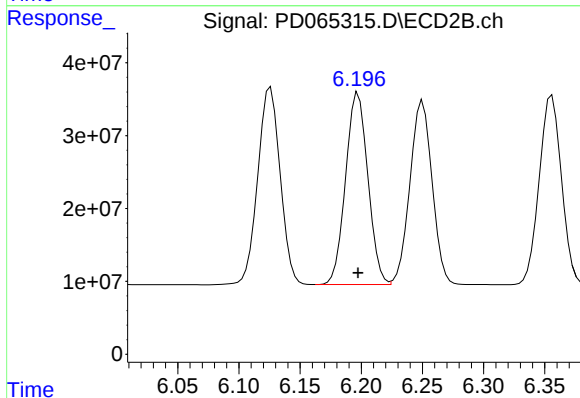
#11 alpha-Chlordane

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 59648488
Conc: 47.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BSD

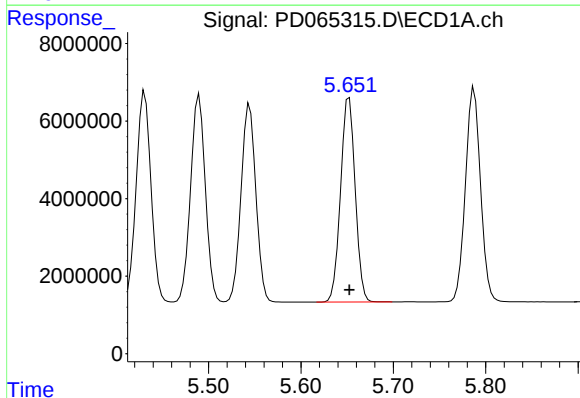
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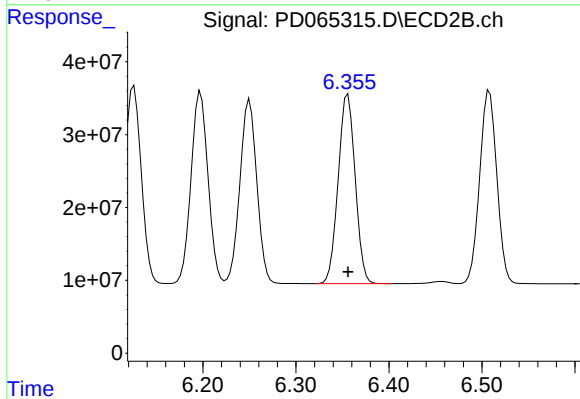
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 334224479
Conc: 51.76 ng/ml



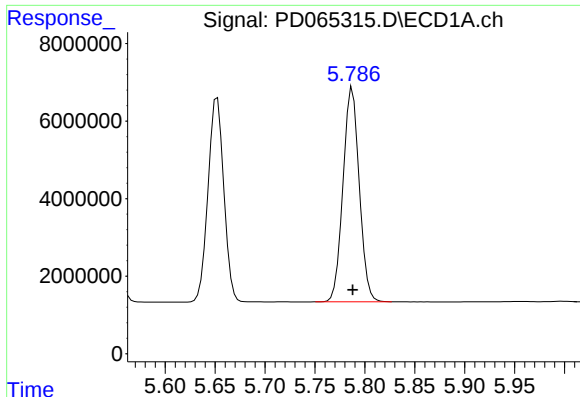
#12 4,4'-DDE

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 58001120
Conc: 48.54 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 329992016
Conc: 53.19 ng/ml



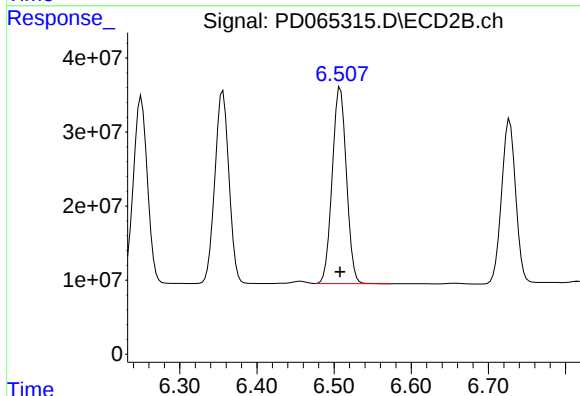
#13 Dieldrin

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 62605914
Conc: 49.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BSD

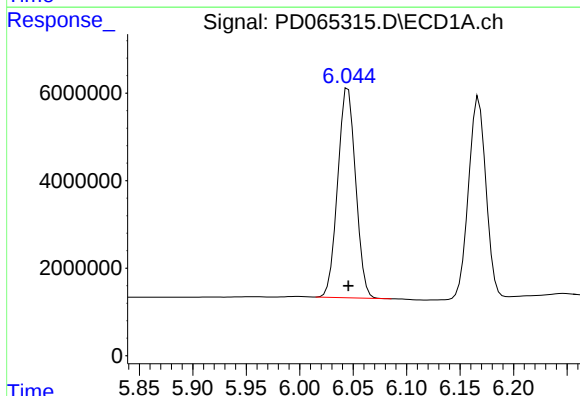
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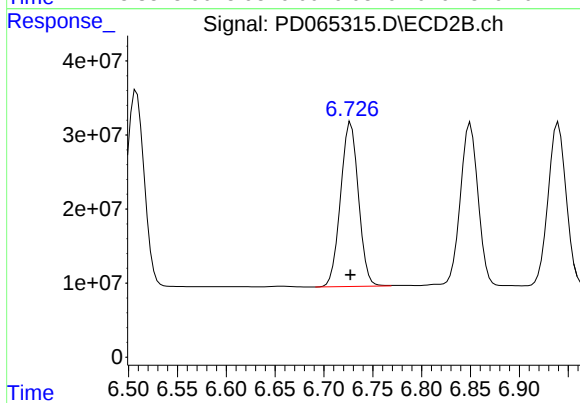
#13 Dieldrin

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 340846030
Conc: 53.80 ng/ml



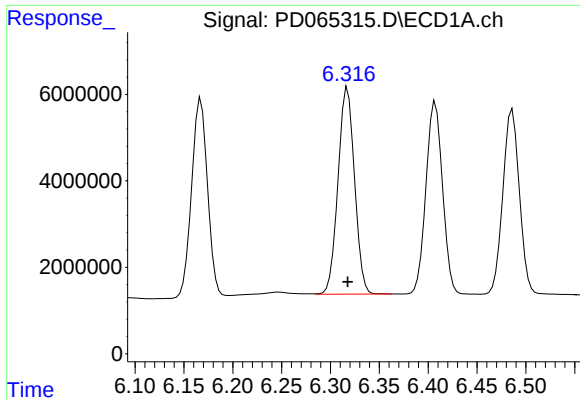
#14 Endrin

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 55897903
Conc: 46.66 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 282986942
Conc: 52.69 ng/ml



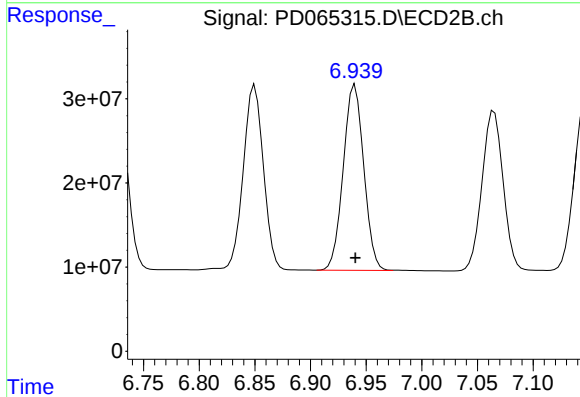
#15 Endosulfan II

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 56302924
Conc: 48.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BSD

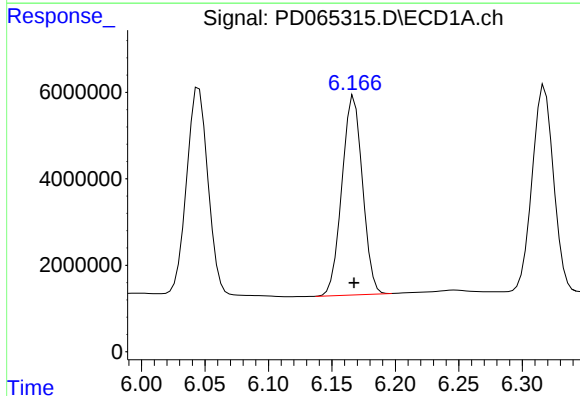
Manual Integrations
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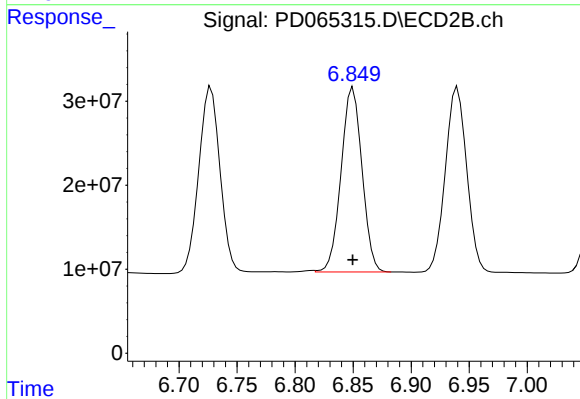
#15 Endosulfan II

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 283331740
Conc: 54.25 ng/ml m



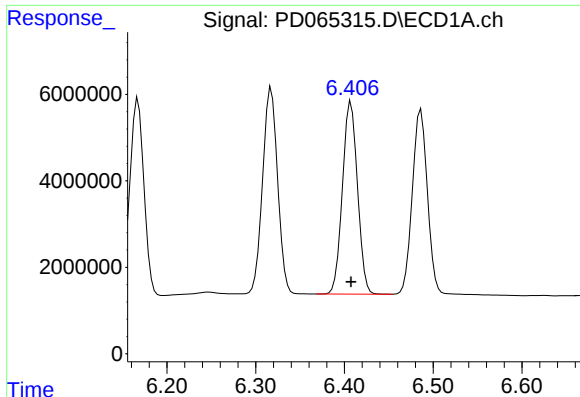
#16 4,4'-DDD

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 51892929
Conc: 48.54 ng/ml



#16 4,4'-DDD

R.T.: 6.849 min
Delta R.T.: -0.001 min
Response: 275900736
Conc: 52.86 ng/ml m



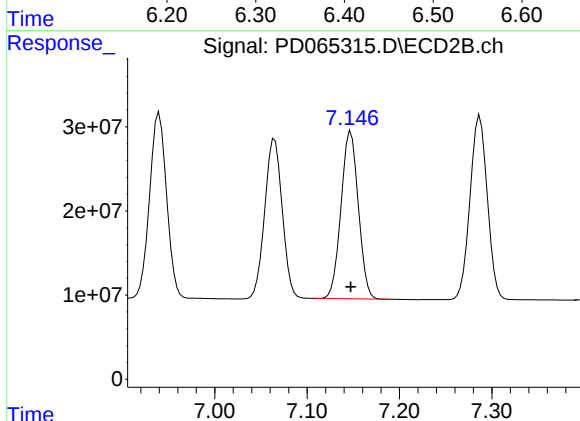
#17 4,4'-DDT

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 52495391
Conc: 45.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BSD

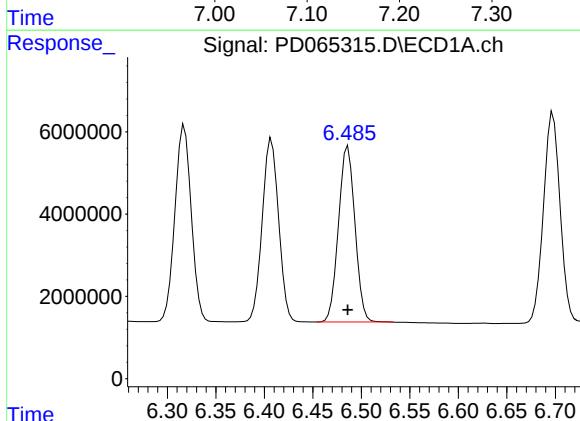
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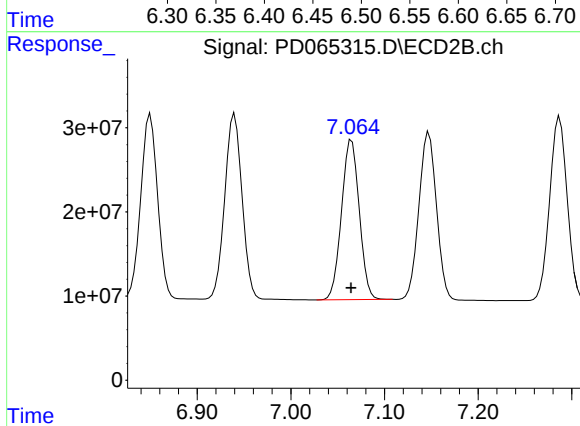
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 259400467
Conc: 48.24 ng/ml



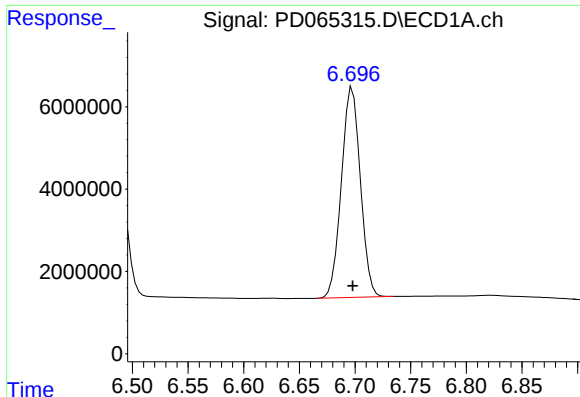
#18 Endrin aldehyde

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 50382538
Conc: 52.79 ng/ml



#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 250744249
Conc: 59.30 ng/ml



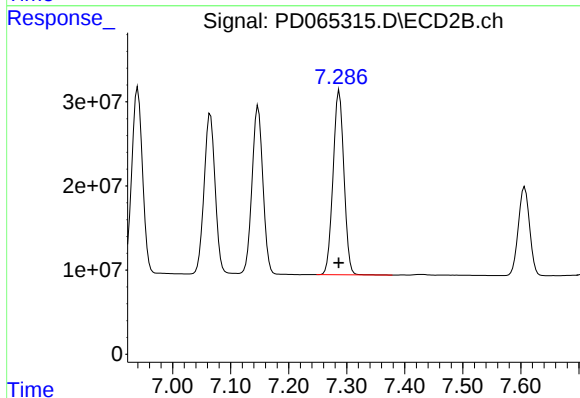
#19 Endosulfan Sulfate

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 60676186
Conc: 49.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BSD

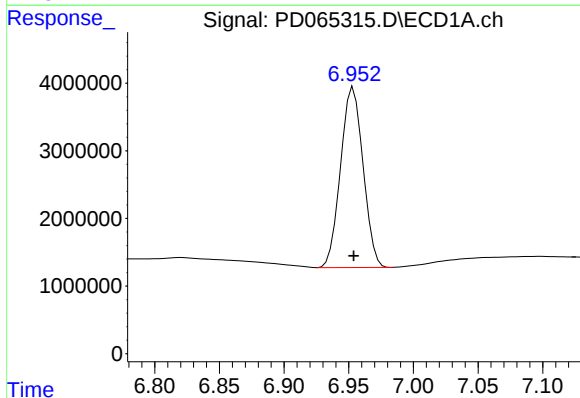
Manual Integrations
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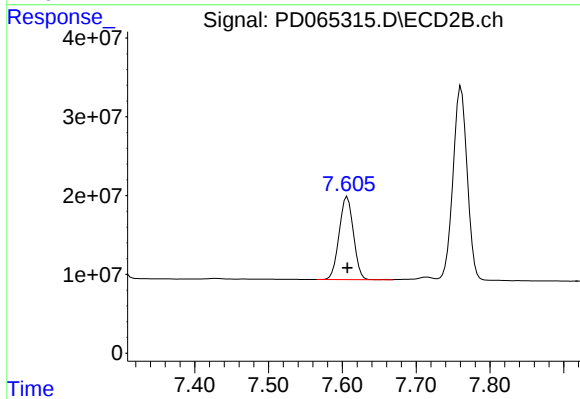
#19 Endosulfan Sulfate

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 285956438
Conc: 54.63 ng/ml



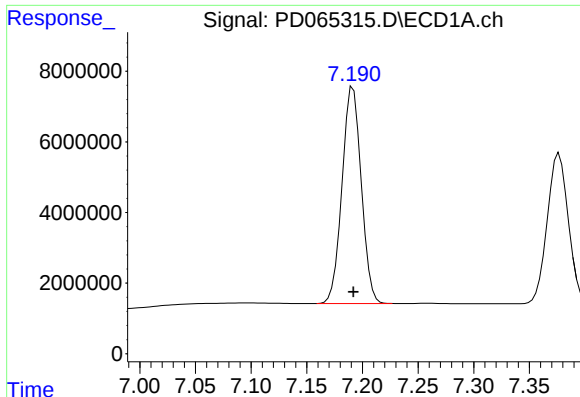
#20 Methoxychlor

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 32226343
Conc: 45.88 ng/ml



#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 141857231
Conc: 50.79 ng/ml



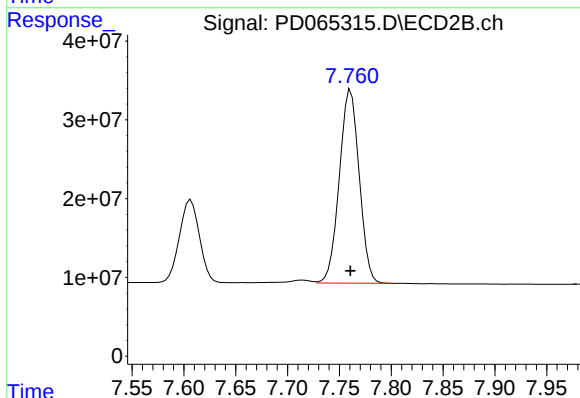
#21 Endrin ketone

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 73736557
Conc: 50.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BSD

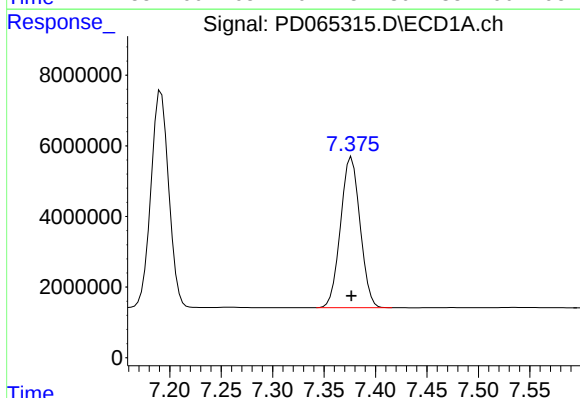
Manual Integrations
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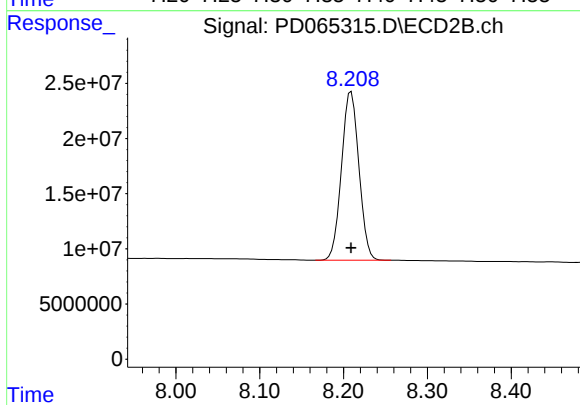
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 327242043
Conc: 55.51 ng/ml



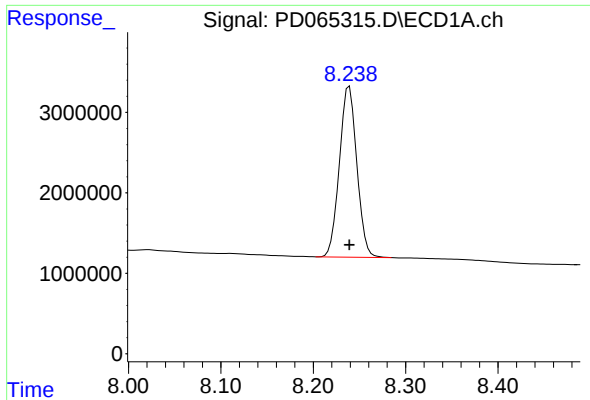
#22 Mirex

R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 56285095
Conc: 53.43 ng/ml



#22 Mirex

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 221183872
Conc: 53.56 ng/ml



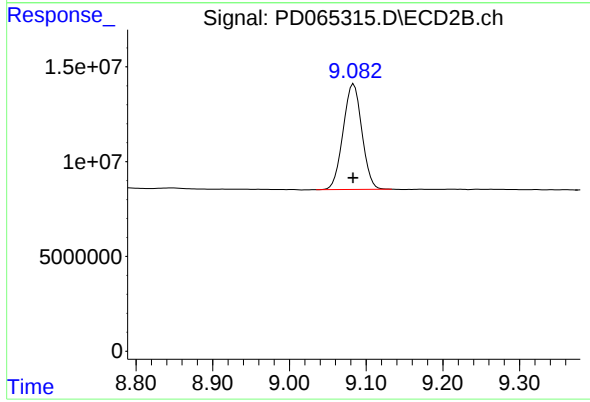
#28 Decachlorobiphenyl

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 27862712
Conc: 20.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138713BSD

Manual Integrations
APPROVED

mohammad
8/26/2021 2:27:03 PM



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.000 min
Response: 95110976
Conc: 21.96 ng/ml