

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052120\
 Data File : PL058853.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2020 21:00
 Operator : AJ\MA
 Sample : L2506-17MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TR-04-052020MS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 00:45:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052020.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 11:27:53 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.530	4.077	35988045	49569822	19.627	18.302
28)	SA Decachlor...	8.311	9.188	29448785	40200712	17.430	15.249
Target Compounds							
2)	A alpha-BHC	3.972	4.470	139.6E6	192.5E6	51.356	47.965
3)	MA gamma-BHC...	4.258	4.756	120.2E6	180.7E6	50.923	47.688m
4)	MA Heptachlor	4.565	5.270	113.0E6	168.5E6	50.271	43.991m
5)	MB Aldrin	4.816	5.580	99359319	153.4E6	51.322	44.971
6)	B beta-BHC	4.507	4.925	52634642	82474978	51.213	47.398
7)	B delta-BHC	4.714	5.145	109.5E6	168.9E6	51.049	46.323
8)	B Heptachlo...	5.261	5.967	94137790	149.1E6	51.006	45.204
9)	A Endosulfan I	5.602	6.326	88886945	137.5E6	52.364	46.781
10)	B gamma-Chl...	5.489	6.201	94293668	151.2E6	51.432	45.638
11)	B alpha-Chl...	5.548	6.275	92662108	146.6E6	50.641	45.122
12)	B 4,4'-DDE	5.712	6.429	85839223	136.8E6	52.274	47.928
13)	MA Dieldrin	5.846	6.584	91208960	144.3E6	51.961	47.634
14)	MA Endrin	6.104	6.803	79301354	113.4E6	50.598	45.440
15)	B Endosulfa...	6.377	7.011	86125235	127.2E6	51.693	45.390
16)	A 4,4'-DDD	6.228	6.921	76547150	117.9E6	54.077	49.406
17)	MA 4,4'-DDT	6.471	7.220	74940835	105.6E6	51.519	44.394
18)	B Endrin al...	6.545	7.135	73395731	108.8E6	52.009	46.092
19)	B Endosulfa...	6.758	7.358	84508678	124.5E6	51.799	47.390
20)	A Methoxychlor	7.017	7.677	43563878	62265666	51.070	44.645
21)	B Endrin ke...	7.251	7.831	100.9E6	141.5E6	54.705	51.075
22)	Mirex	7.445	8.288	74950632	92753025	48.460	42.321

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052120\
 Data File : PL058853.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2020 21:00
 Operator : AJ\MA
 Sample : L2506-17MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

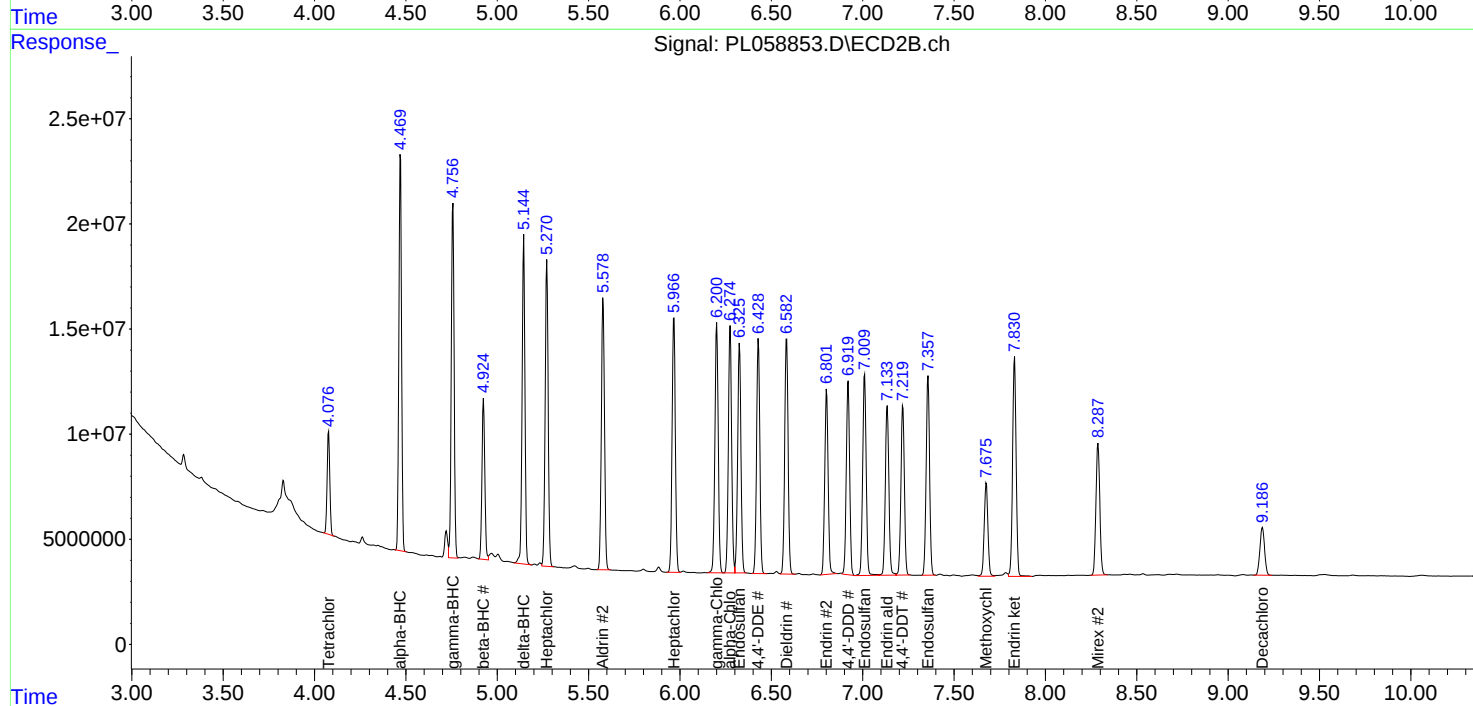
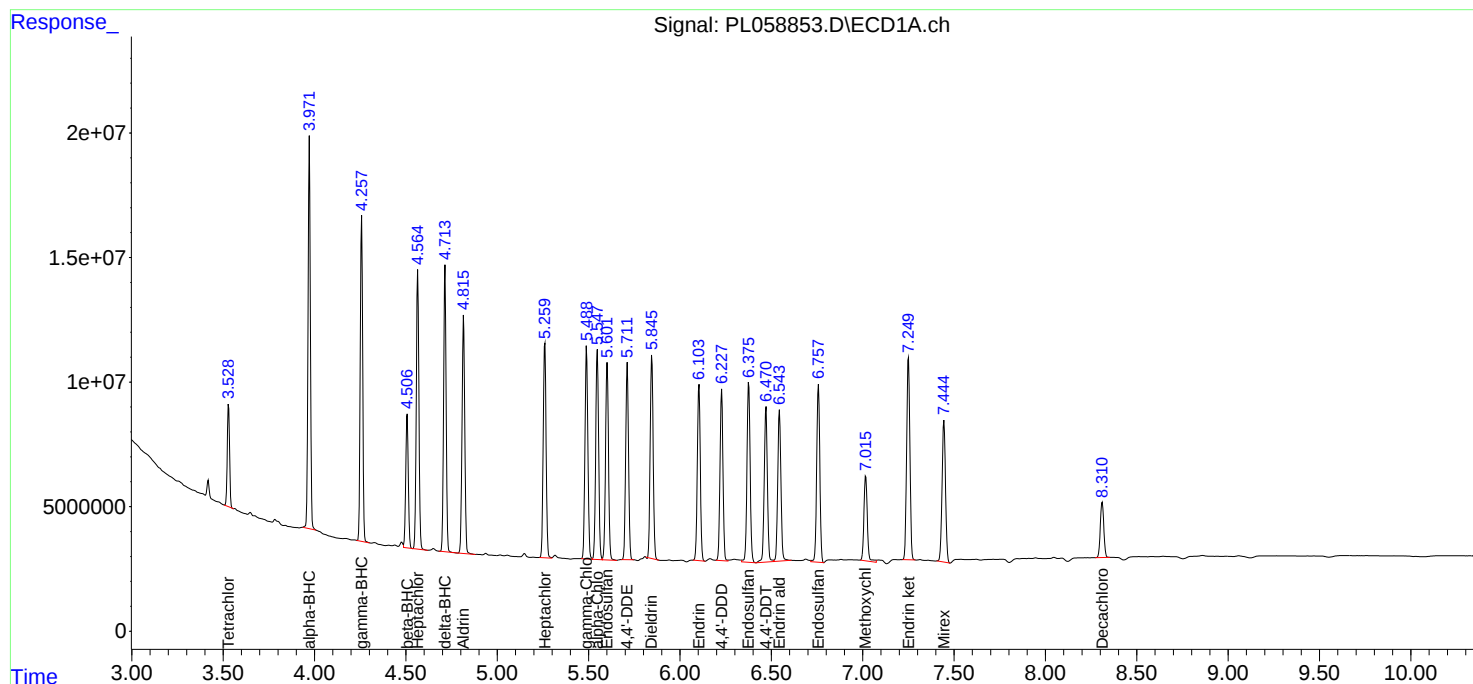
Instrument :
 ECD_L
 ClientSampleId :
 TR-04-052020MS

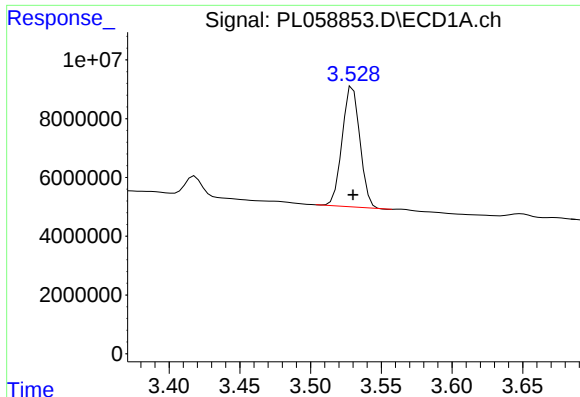
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 00:45:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052020.M
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Volume Inj. : 1 µl
 Signal #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 x0.5µm





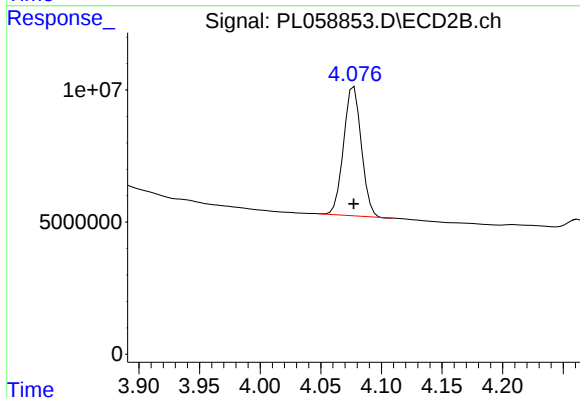
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: 0.000 min
Response: 35988045
Conc: 19.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-052020MS

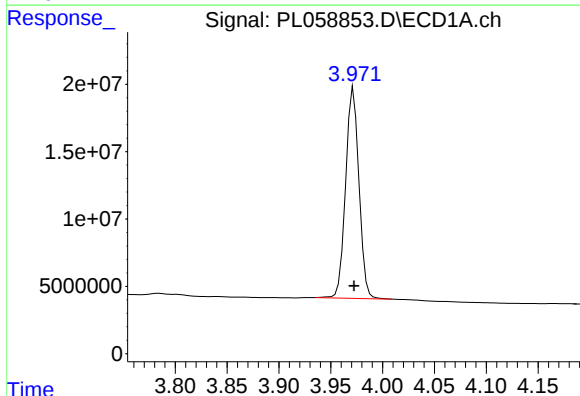
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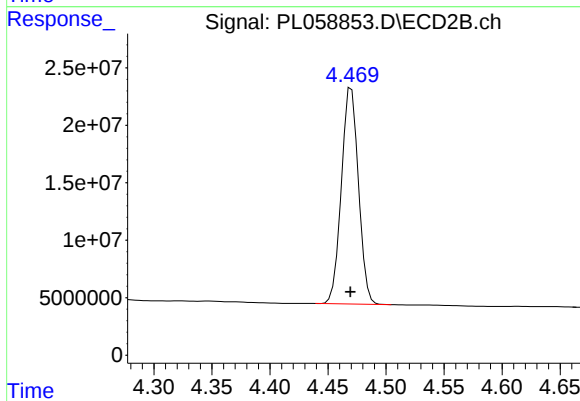
#1 Tetrachloro-m-xylene

R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 49569822
Conc: 18.30 ng/ml



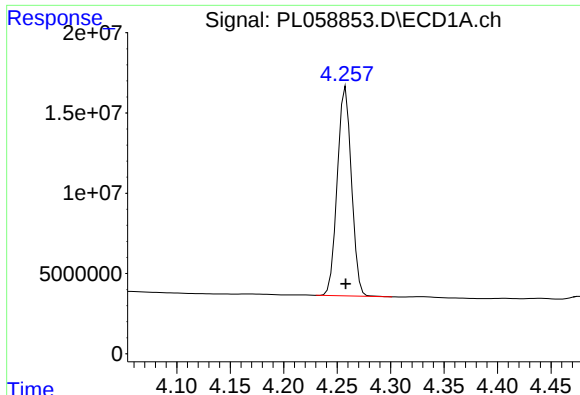
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 139629302
Conc: 51.36 ng/ml



#2 alpha-BHC

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 192496268
Conc: 47.97 ng/ml



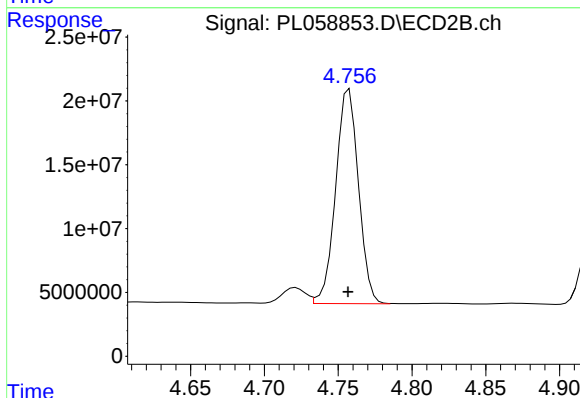
#3 gamma-BHC (Lindane)

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 120189969
Conc: 50.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-052020MS

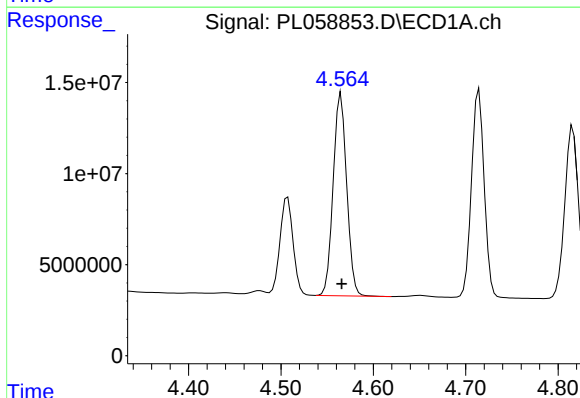
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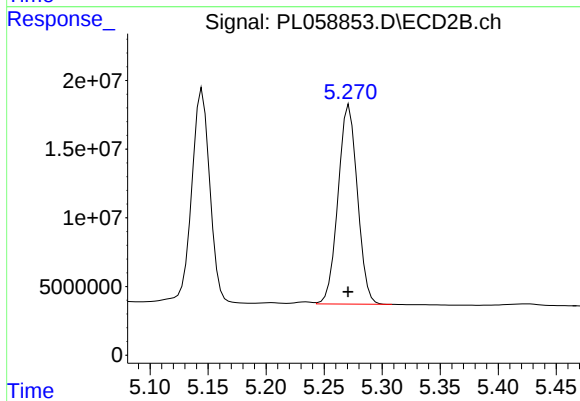
#3 gamma-BHC (Lindane)

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 180729743
Conc: 47.69 ng/ml m



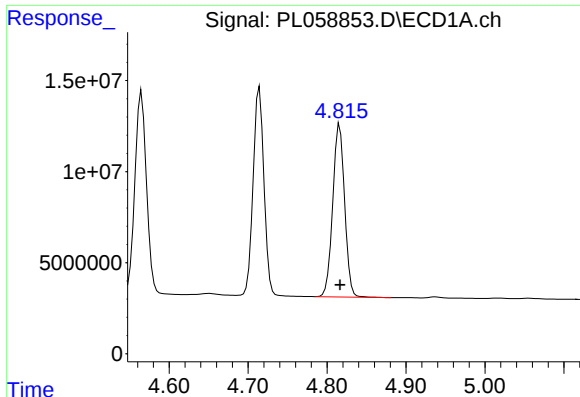
#4 Heptachlor

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 113033103
Conc: 50.27 ng/ml



#4 Heptachlor

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 168502758
Conc: 43.99 ng/ml m



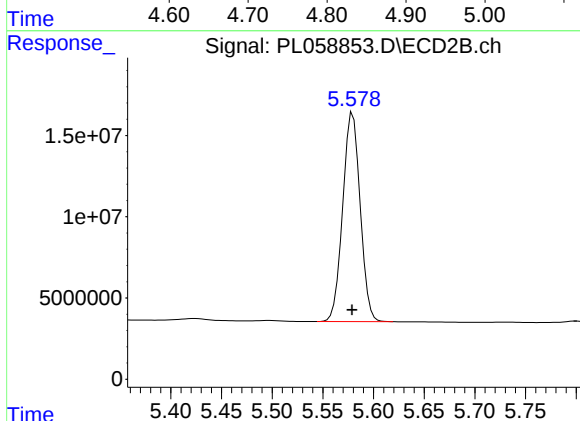
#5 Aldrin

R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 99359319
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-052020MS

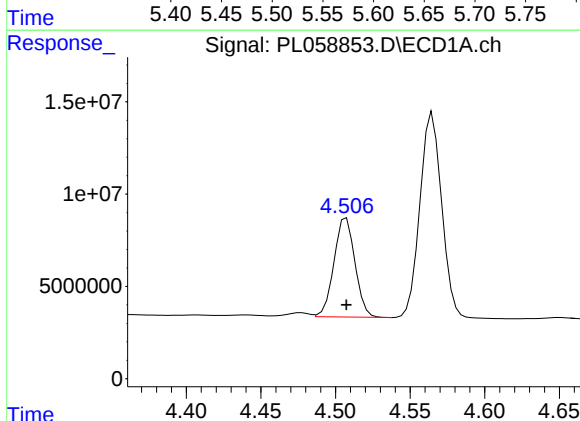
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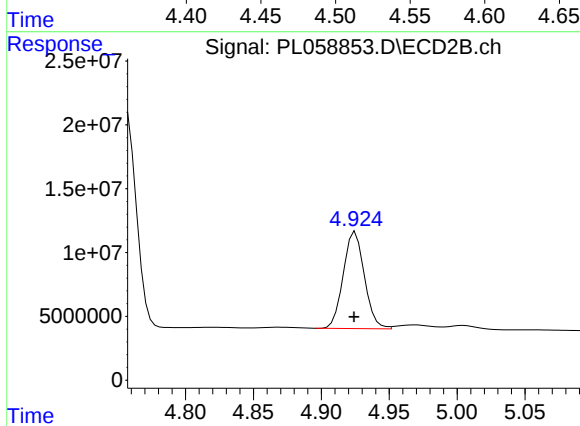
#5 Aldrin

R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 153402727
Conc: 44.97 ng/ml



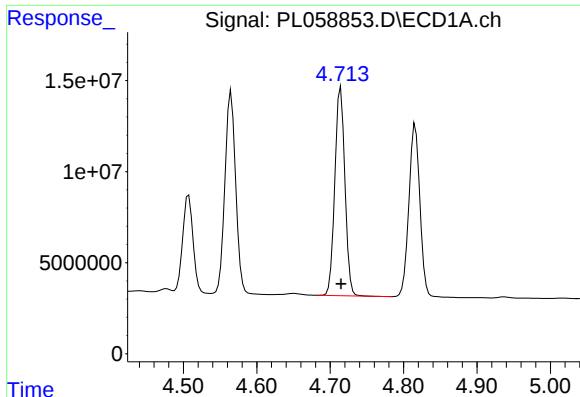
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 52634642
Conc: 51.21 ng/ml



#6 beta-BHC

R.T.: 4.925 min
Delta R.T.: 0.001 min
Response: 82474978
Conc: 47.40 ng/ml



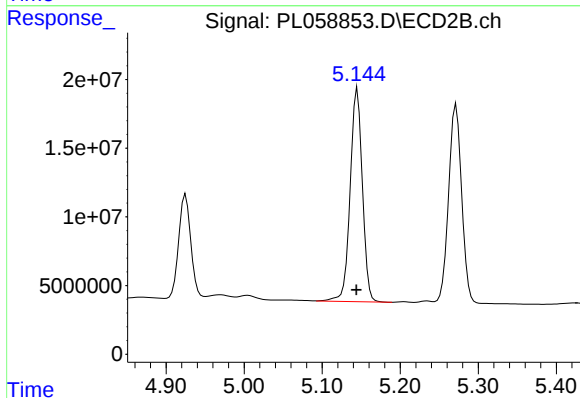
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 109456501
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-052020MS

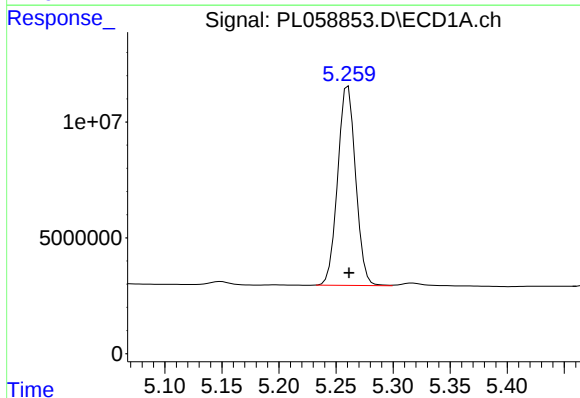
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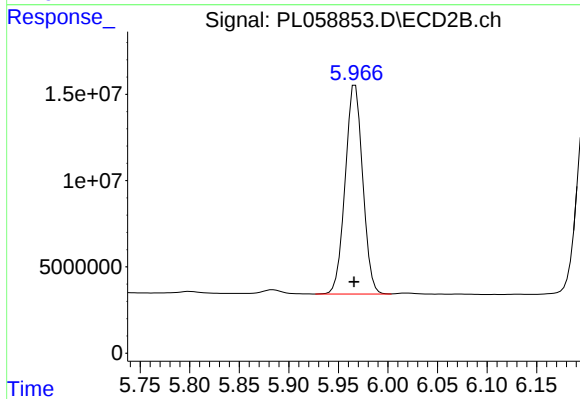
#7 delta-BHC

R.T.: 5.145 min
Delta R.T.: 0.001 min
Response: 168947395
Conc: 46.32 ng/ml



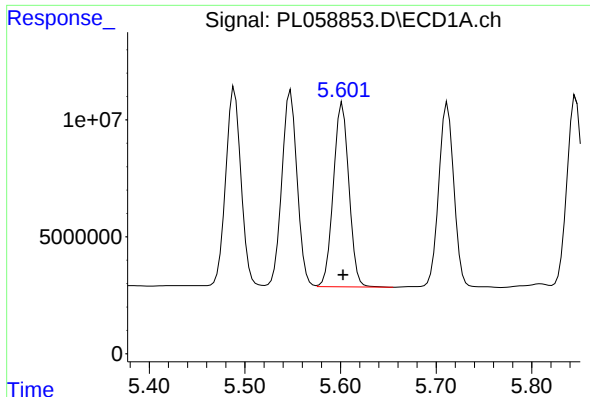
#8 Heptachlor epoxide

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 94137790
Conc: 51.01 ng/ml



#8 Heptachlor epoxide

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 149092745
Conc: 45.20 ng/ml



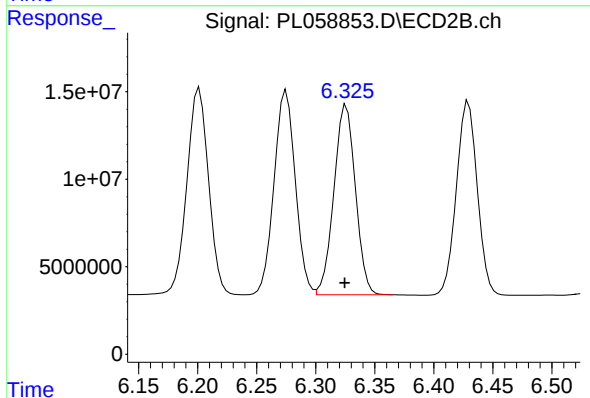
#9 Endosulfan I

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 88886945
Conc: 52.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-052020MS

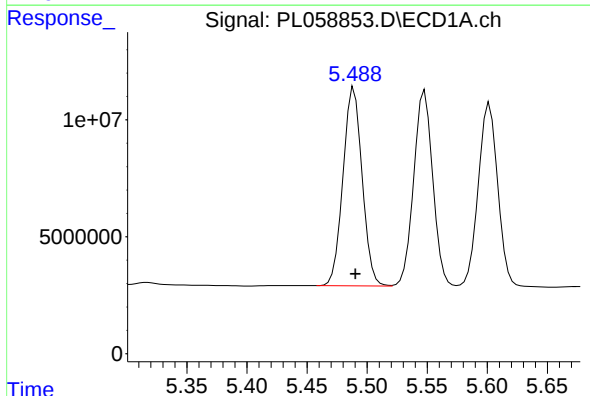
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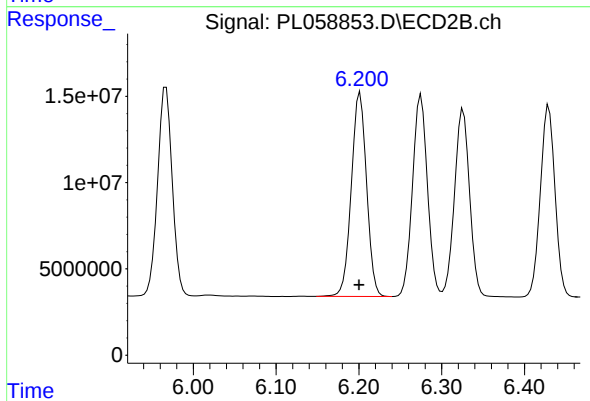
#9 Endosulfan I

R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 137523589
Conc: 46.78 ng/ml



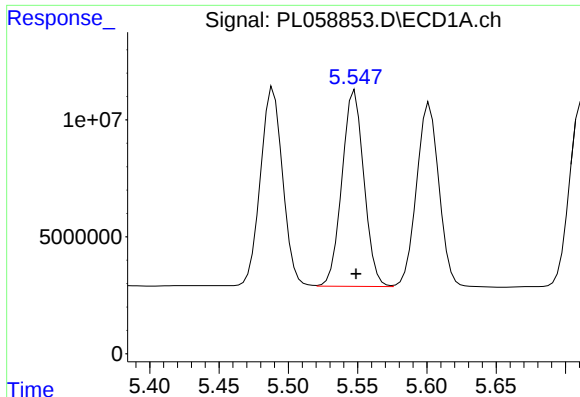
#10 gamma-Chlordane

R.T.: 5.489 min
Delta R.T.: -0.001 min
Response: 94293668
Conc: 51.43 ng/ml



#10 gamma-Chlordane

R.T.: 6.201 min
Delta R.T.: 0.001 min
Response: 151161405
Conc: 45.64 ng/ml



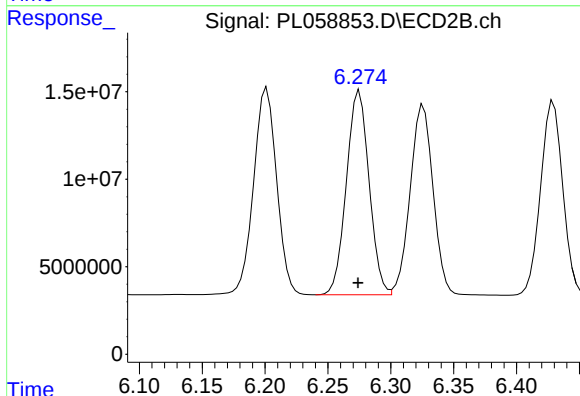
#11 alpha-Chlordane

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 92662108
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-052020MS

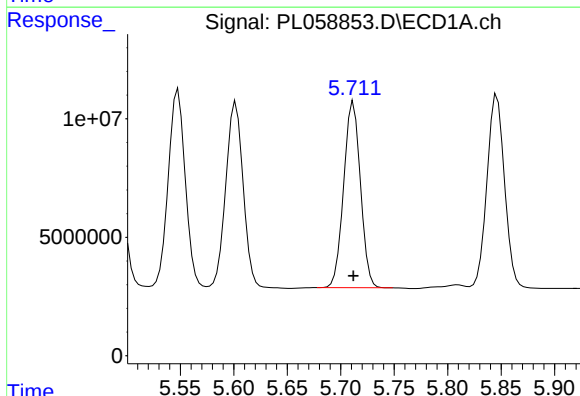
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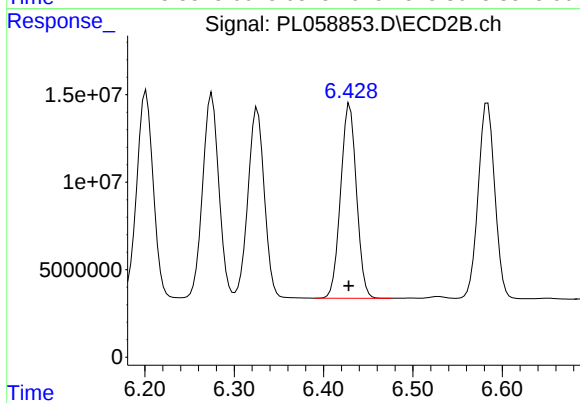
#11 alpha-Chlordane

R.T.: 6.275 min
Delta R.T.: 0.001 min
Response: 146561485
Conc: 45.12 ng/ml



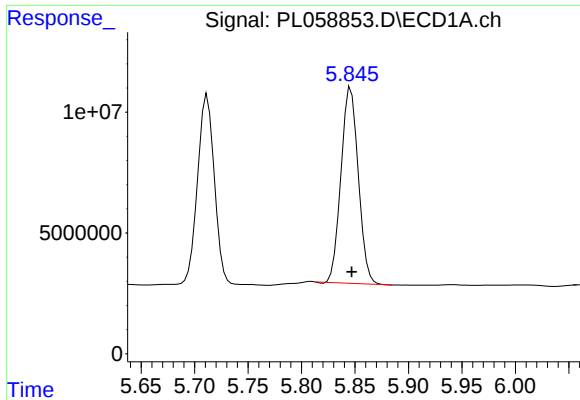
#12 4,4'-DDE

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 85839223
Conc: 52.27 ng/ml



#12 4,4'-DDE

R.T.: 6.429 min
Delta R.T.: 0.001 min
Response: 136782960
Conc: 47.93 ng/ml



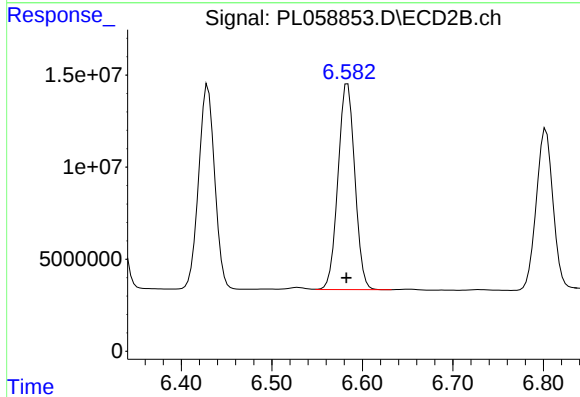
#13 Dieldrin

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 91208960
Conc: 51.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-052020MS

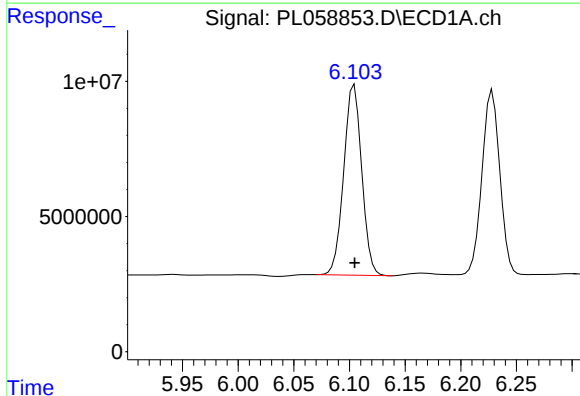
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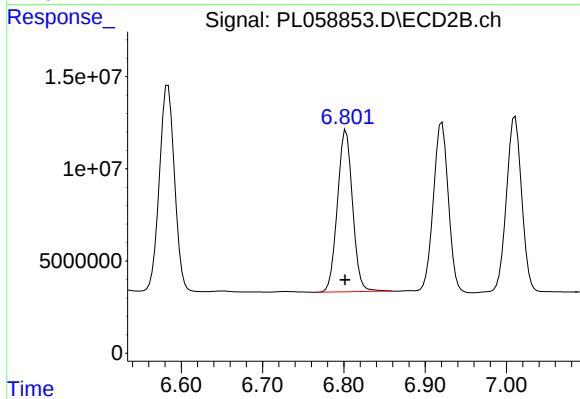
#13 Dieldrin

R.T.: 6.584 min
Delta R.T.: 0.001 min
Response: 144286650
Conc: 47.63 ng/ml



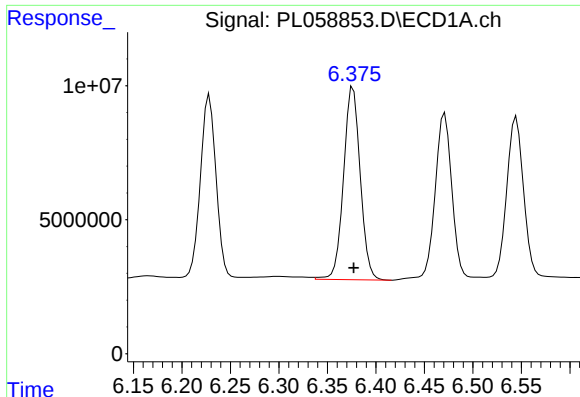
#14 Endrin

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 79301354
Conc: 50.60 ng/ml



#14 Endrin

R.T.: 6.803 min
Delta R.T.: 0.001 min
Response: 113386581
Conc: 45.44 ng/ml



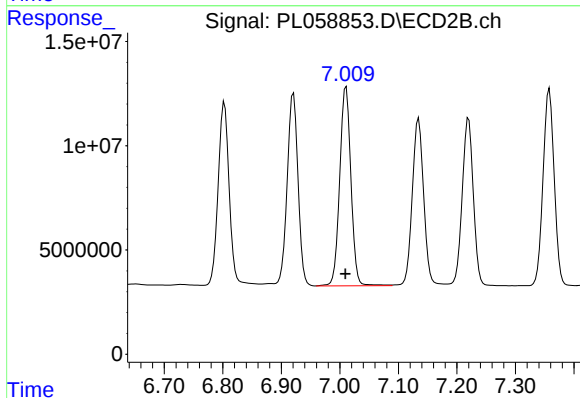
#15 Endosulfan II

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 86125235
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-052020MS

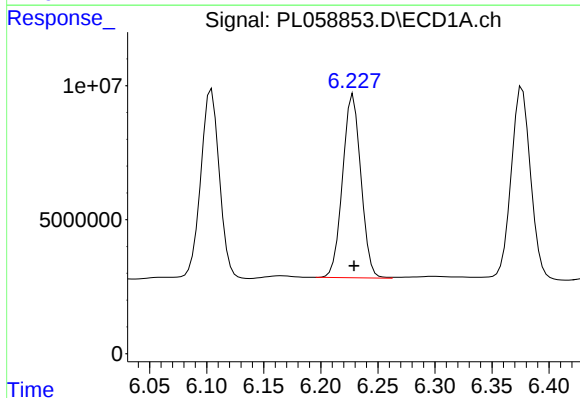
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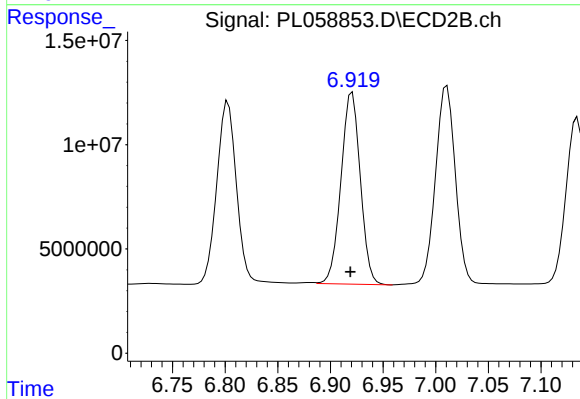
#15 Endosulfan II

R.T.: 7.011 min
Delta R.T.: 0.001 min
Response: 127231650
Conc: 45.39 ng/ml



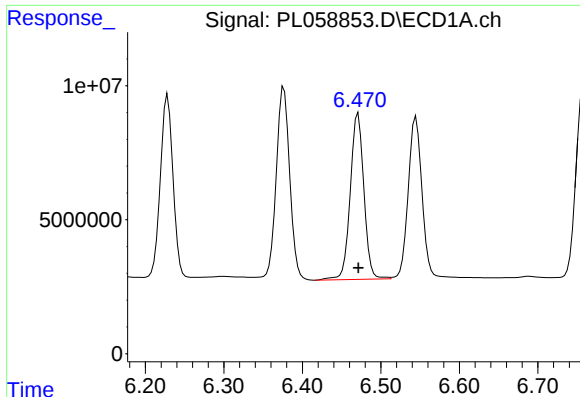
#16 4,4'-DDD

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 76547150
Conc: 54.08 ng/ml



#16 4,4'-DDD

R.T.: 6.921 min
Delta R.T.: 0.002 min
Response: 117876119
Conc: 49.41 ng/ml



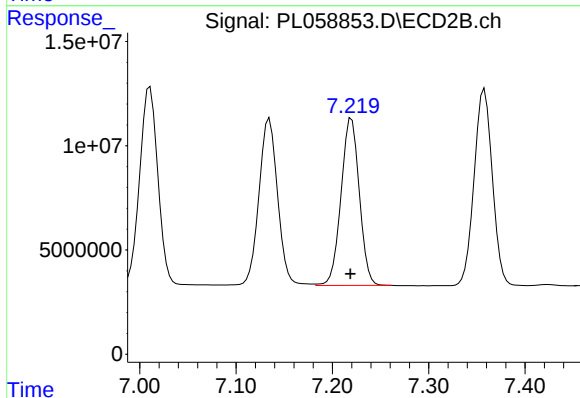
#17 4,4'-DDT

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 74940835
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-052020MS

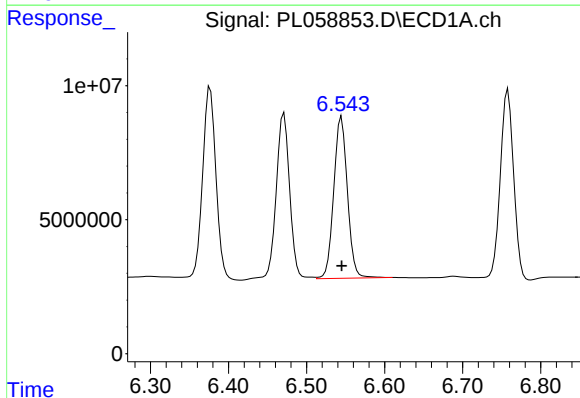
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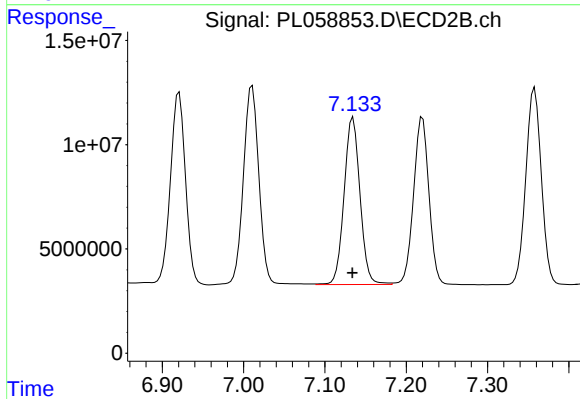
#17 4,4'-DDT

R.T.: 7.220 min
Delta R.T.: 0.001 min
Response: 105574291
Conc: 44.39 ng/ml



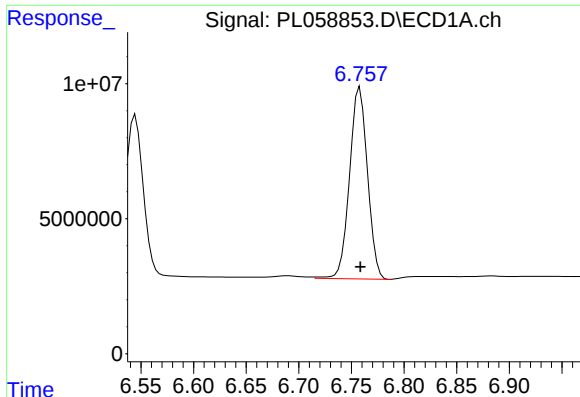
#18 Endrin aldehyde

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 73395731
Conc: 52.01 ng/ml



#18 Endrin aldehyde

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 108759633
Conc: 46.09 ng/ml



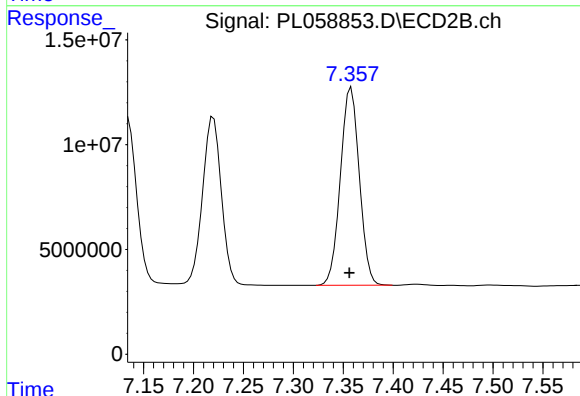
#19 Endosulfan Sulfate

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 84508678
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-052020MS

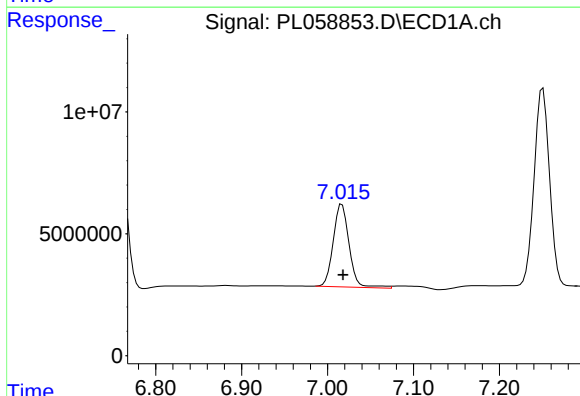
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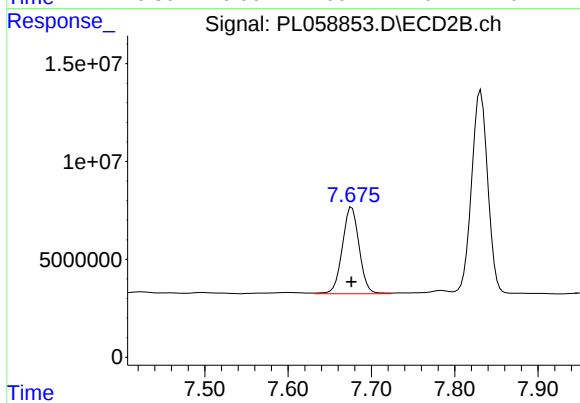
#19 Endosulfan Sulfate

R.T.: 7.358 min
Delta R.T.: 0.002 min
Response: 124536905
Conc: 47.39 ng/ml



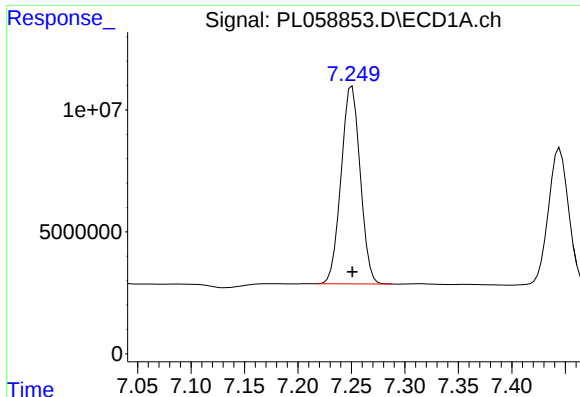
#20 Methoxychlor

R.T.: 7.017 min
Delta R.T.: -0.001 min
Response: 43563878
Conc: 51.07 ng/ml



#20 Methoxychlor

R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 62265666
Conc: 44.65 ng/ml



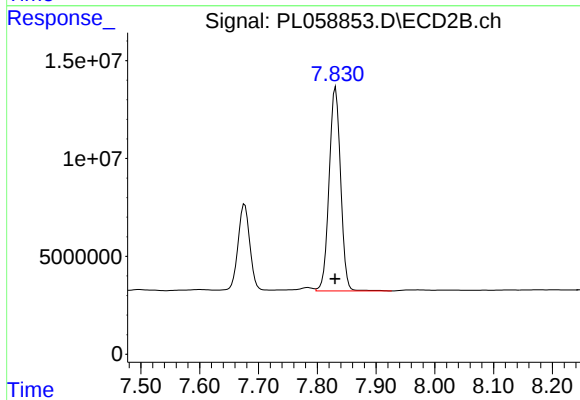
#21 Endrin ketone

R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 100884251
Conc: 54.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-052020MS

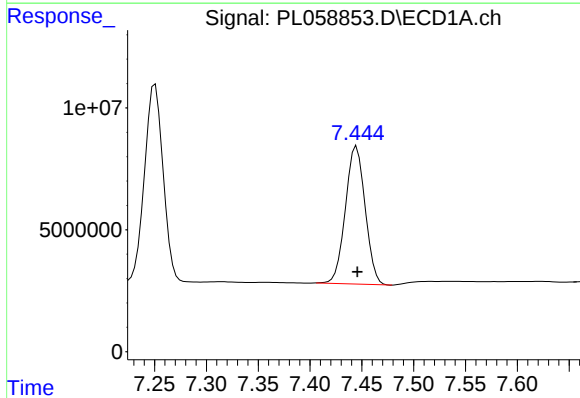
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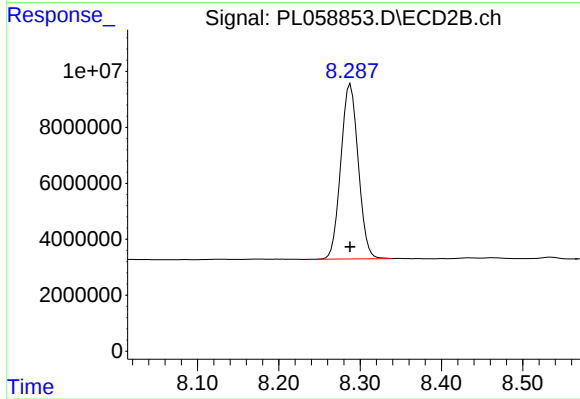
#21 Endrin ketone

R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 141494104
Conc: 51.08 ng/ml



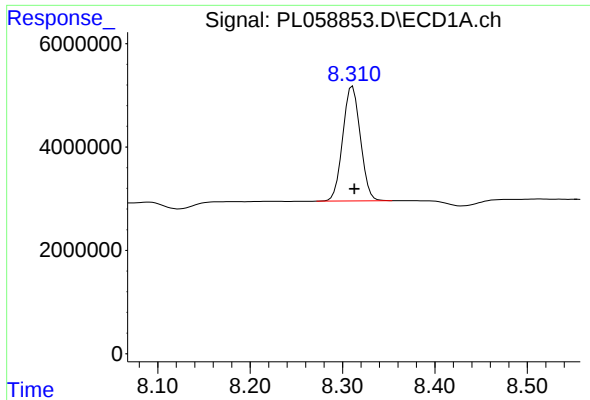
#22 Mirex

R.T.: 7.445 min
Delta R.T.: 0.000 min
Response: 74950632
Conc: 48.46 ng/ml



#22 Mirex

R.T.: 8.288 min
Delta R.T.: 0.000 min
Response: 92753025
Conc: 42.32 ng/ml



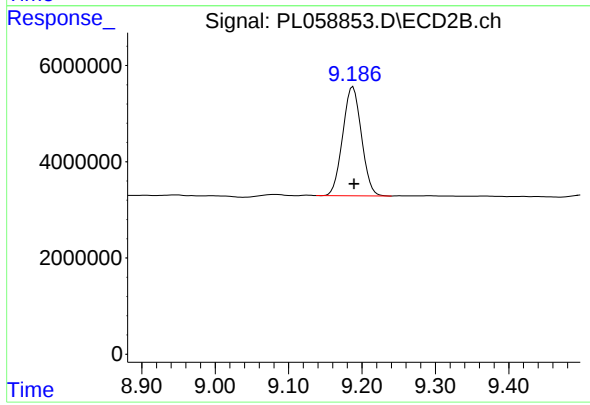
#28 Decachlorobiphenyl

R.T.: 8.311 min
Delta R.T.: -0.002 min
Response: 29448785
Conc: 17.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-04-052020MS

Manual Integrations
APPROVED

mohammad
5/22/2020 12:13:39 PM



#28 Decachlorobiphenyl

R.T.: 9.188 min
Delta R.T.: -0.001 min
Response: 40200712
Conc: 15.25 ng/ml