

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030420\
 Data File : PL057034.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2020 14:41
 Operator : AJ\MA
 Sample : L1762-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TR-05-030220MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 15:45:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:55:01 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...	3.460	3.958	169.3E6	44324458	19.865	20.775
28)	SA Decachlor...	8.213	8.985	172.9E6	38741175	17.889	18.233
Target Compounds							
2)	A alpha-BHC	3.898	4.345	689.0E6	157.9E6	46.489	49.984
3)	MA gamma-BHC...	4.181	4.627	632.3E6	150.7E6	46.015	48.467m
4)	MA Heptachlor	4.482	5.129	634.9E6	156.9E6	46.735	50.411m
5)	MB Aldrin	4.730	5.432	592.8E6	148.8E6	45.907	49.783m
6)	B beta-BHC	4.433	4.800	256.4E6	69248201	48.411	49.134m
7)	B delta-BHC	4.637	5.015	604.5E6	107.4E6	46.334	44.111
8)	B Heptachlo...	5.173	5.817	551.4E6	125.4E6	45.568	45.259
9)	A Endosulfan I	5.511	6.172	540.3E6	135.1E6	47.659	48.350
10)	B gamma-Chl...	5.400	6.050	584.2E6	152.6E6	47.033	50.988m
11)	B alpha-Chl...	5.458	6.123	561.1E6	148.5E6	45.666	49.268
12)	B 4,4'-DDE	5.622	6.281	550.2E6	132.2E6	46.950	46.567
13)	MA Dieldrin	5.755	6.426	576.3E6	142.4E6	47.135	48.392m
14)	MA Endrin	6.012	6.643	498.0E6	120.3E6	45.771	46.633m
15)	B Endosulfa...	6.285	6.854	467.3E6	124.9E6	43.269	44.513
16)	A 4,4'-DDD	6.138	6.771	432.3E6	123.8E6	44.652	50.822
17)	MA 4,4'-DDT	6.379	7.068	435.2E6	119.5E6	44.478	48.572
18)	B Endrin al...	6.454	6.977	389.5E6	115.9E6	43.536	50.010m
19)	B Endosulfa...	6.667	7.200	444.2E6	120.3E6	44.481	47.974m
20)	A Methoxychlor	6.925	7.527	220.4E6	59264402	44.206	47.438
21)	B Endrin ke...	7.158	7.669	471.2E6	129.9E6	41.726	47.384
22)	Mirex	7.346	8.120	344.5E6	91318153	42.508	47.632

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030420\
Data File : PL057034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Mar 2020 14:41
Operator : AJ\MA
Sample : L1762-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

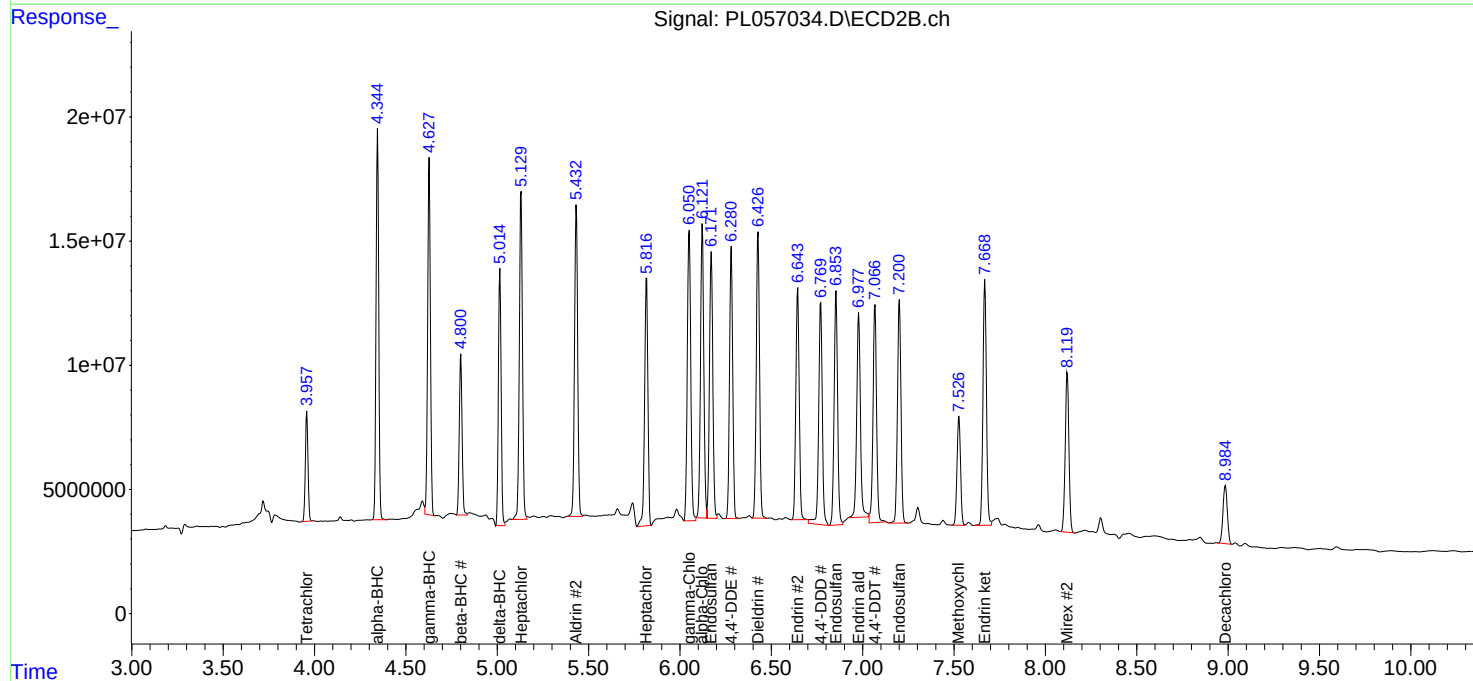
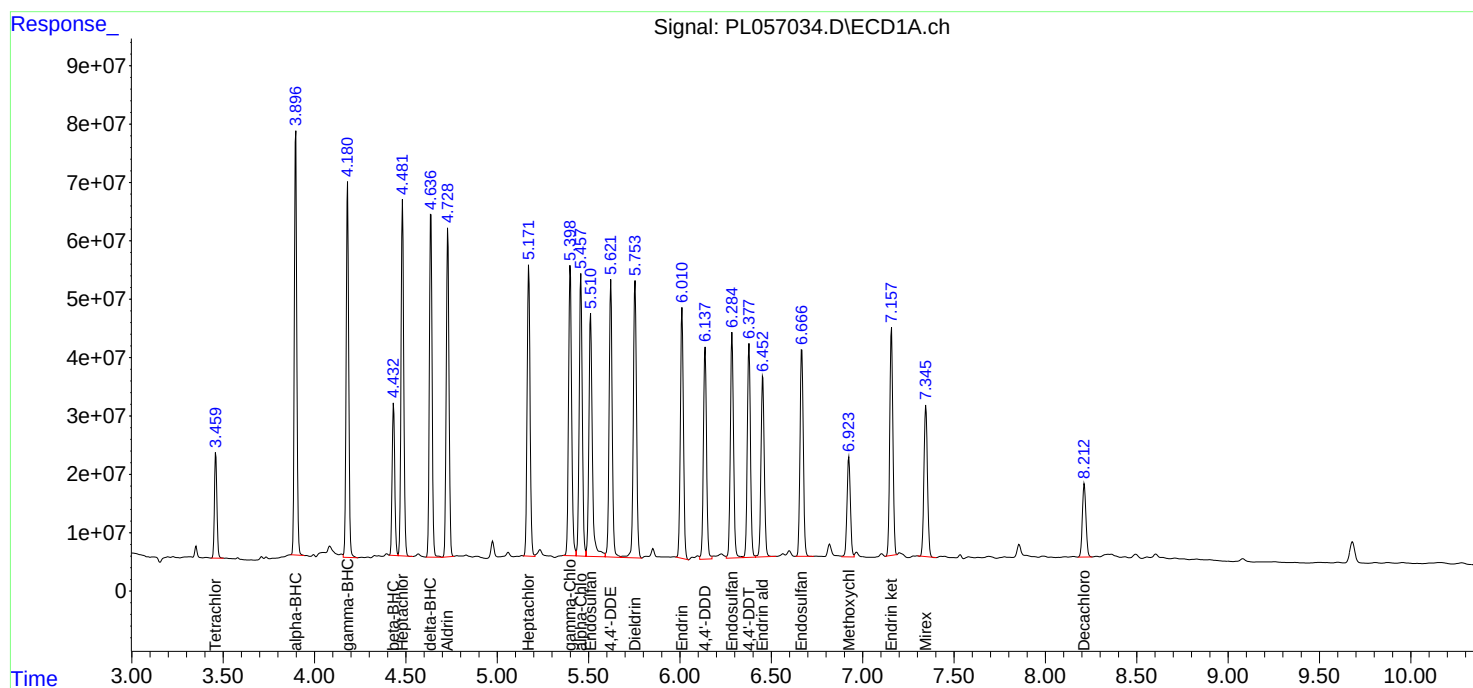
Instrument :
ECD_L
ClientSampleId :
TR-05-030220MSD

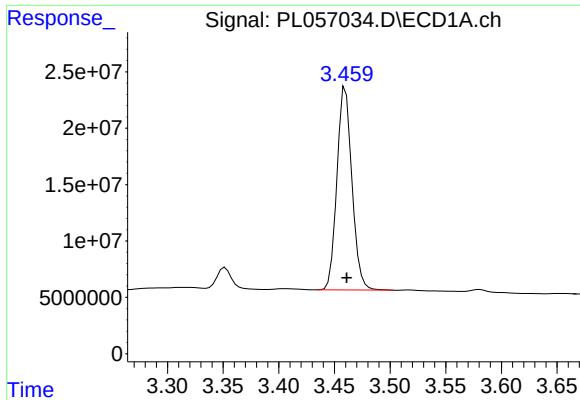
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 04 15:45:23 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
Quant Title : GC Extractables
QLast Update : Wed Mar 04 03:55:01 2020
Response via : Initial Calibration
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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





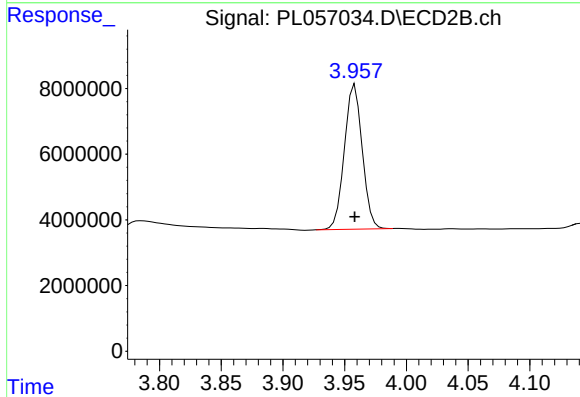
#1 Tetrachloro-m-xylene

R.T.: 3.460 min
Delta R.T.: 0.000 min
Response: 169294419
Conc: 19.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-030220MSD

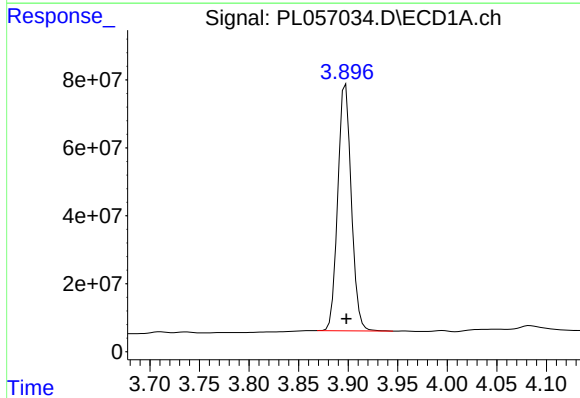
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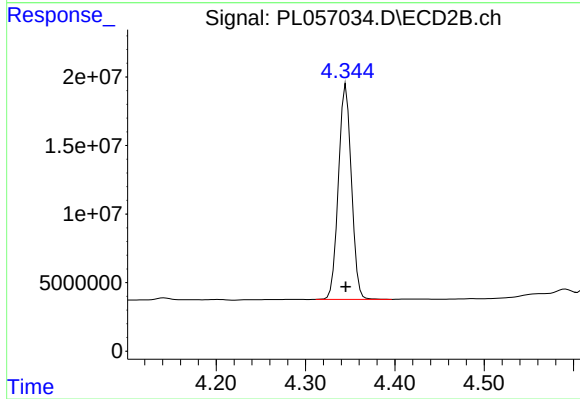
#1 Tetrachloro-m-xylene

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 44324458
Conc: 20.78 ng/ml



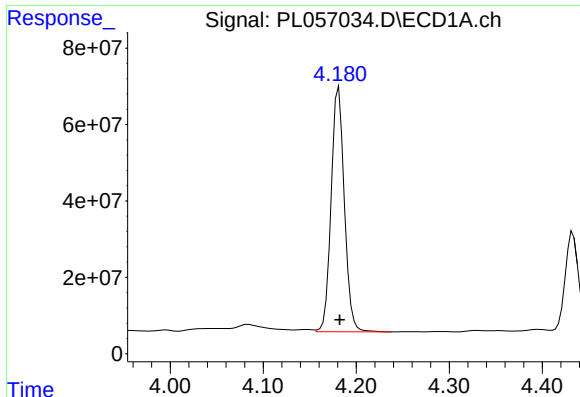
#2 alpha-BHC

R.T.: 3.898 min
Delta R.T.: 0.000 min
Response: 688954490
Conc: 46.49 ng/ml



#2 alpha-BHC

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 157898511
Conc: 49.98 ng/ml



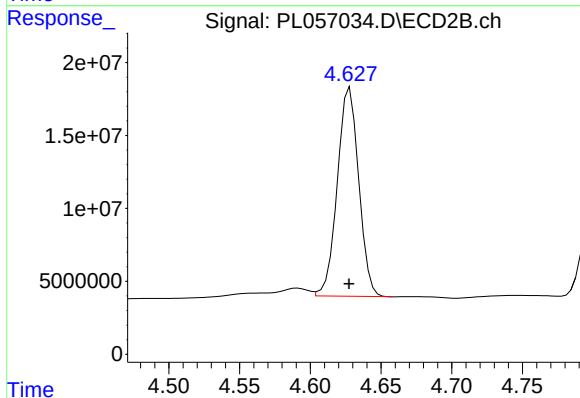
#3 gamma-BHC (Lindane)

R.T.: 4.181 min
Delta R.T.: 0.000 min
Response: 632275287
Conc: 46.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-030220MSD

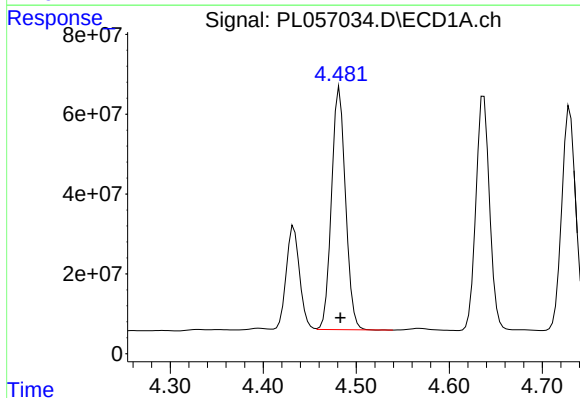
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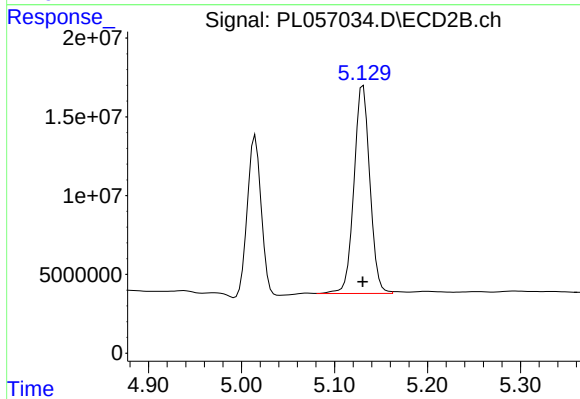
#3 gamma-BHC (Lindane)

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 150671178
Conc: 48.47 ng/ml m



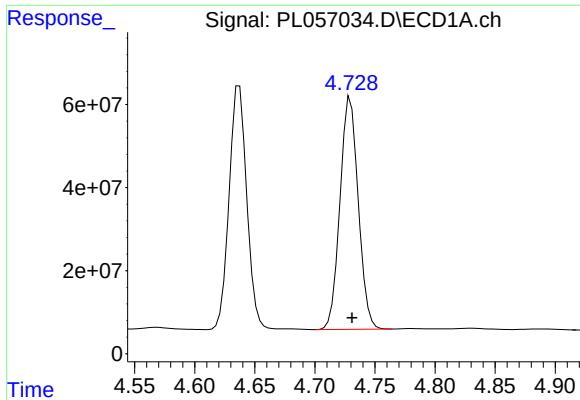
#4 Heptachlor

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 634853215
Conc: 46.74 ng/ml



#4 Heptachlor

R.T.: 5.129 min
Delta R.T.: -0.001 min
Response: 156897612
Conc: 50.41 ng/ml m



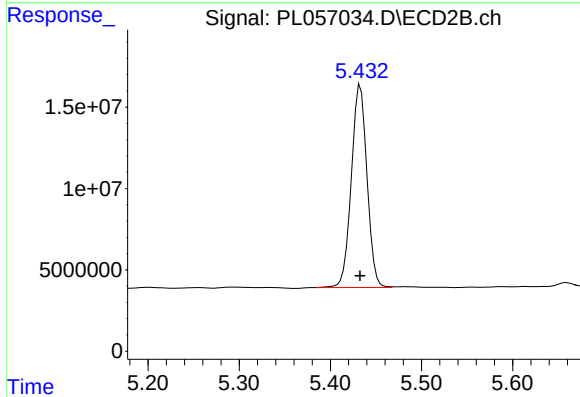
#5 Aldrin

R.T.: 4.730 min
Delta R.T.: -0.001 min
Response: 592785623
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-030220MSD

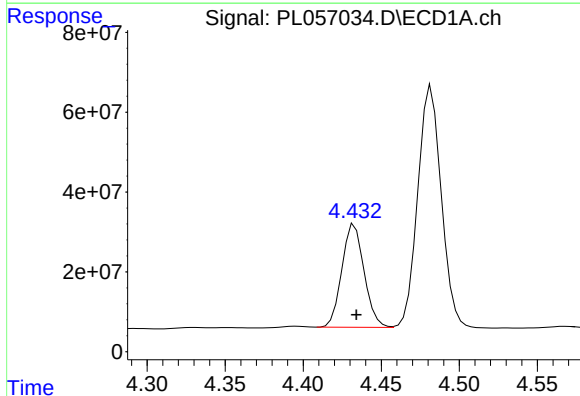
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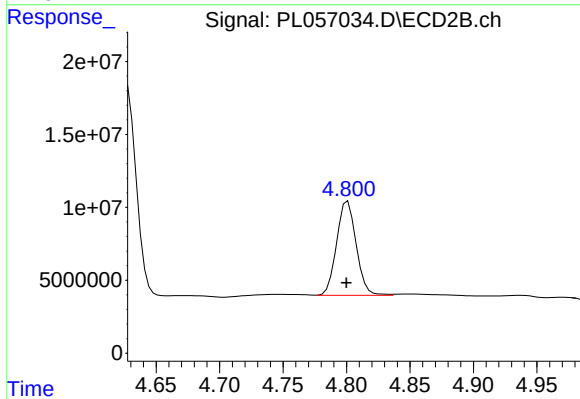
#5 Aldrin

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 148812323
Conc: 49.78 ng/ml m



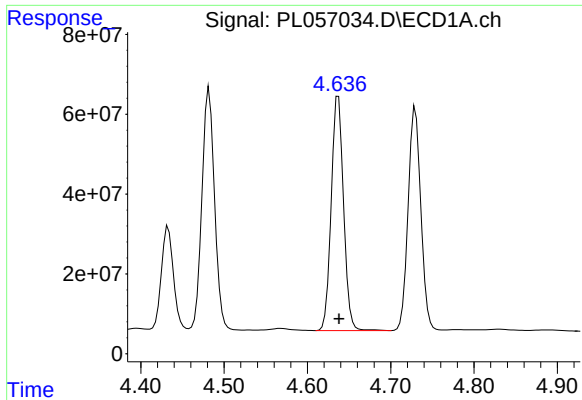
#6 beta-BHC

R.T.: 4.433 min
Delta R.T.: -0.001 min
Response: 256444848
Conc: 48.41 ng/ml



#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 69248201
Conc: 49.13 ng/ml m



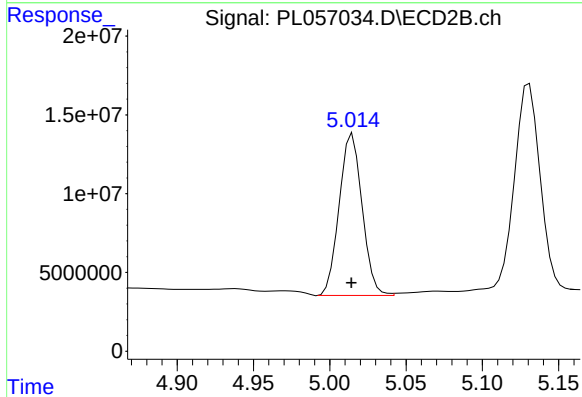
#7 delta-BHC

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 604482571
Conc: 46.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-030220MSD

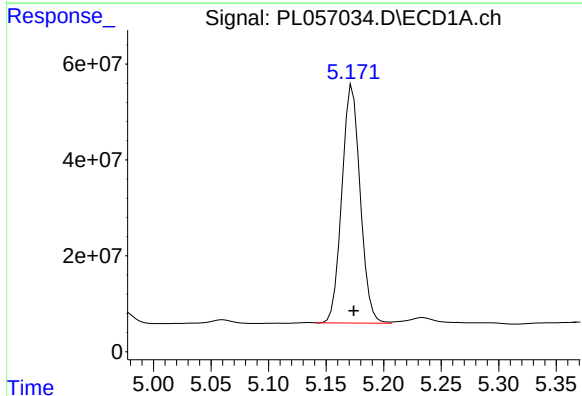
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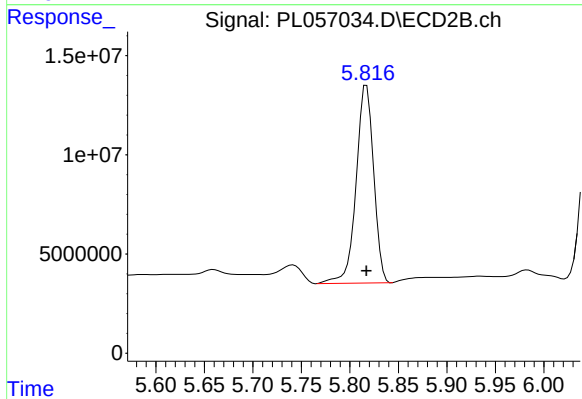
#7 delta-BHC

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 107401177
Conc: 44.11 ng/ml



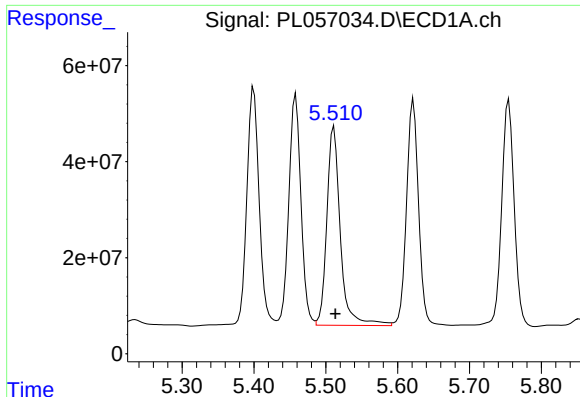
#8 Heptachlor epoxide

R.T.: 5.173 min
Delta R.T.: -0.001 min
Response: 551379400
Conc: 45.57 ng/ml



#8 Heptachlor epoxide

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 125415830
Conc: 45.26 ng/ml



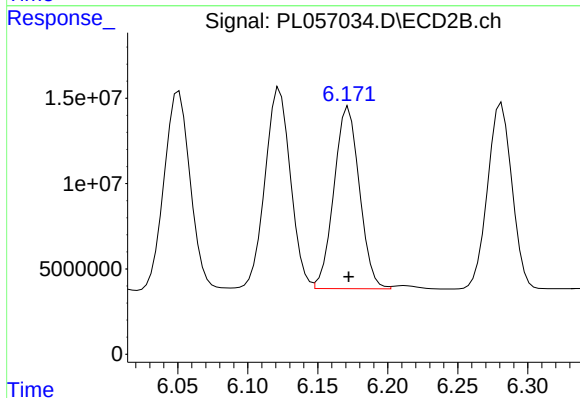
#9 Endosulfan I

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 540271224
Conc: 47.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-030220MSD

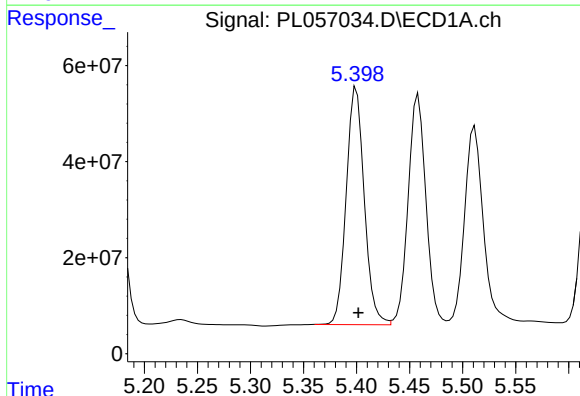
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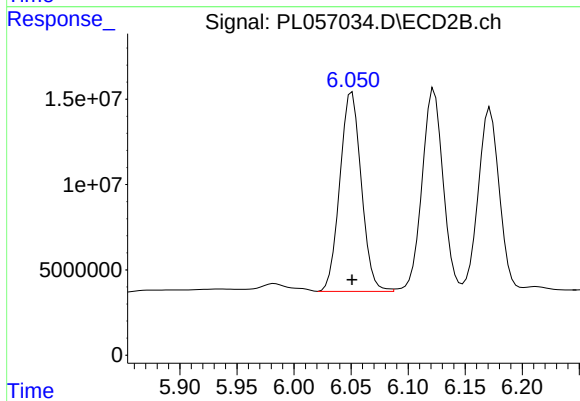
#9 Endosulfan I

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 135060551
Conc: 48.35 ng/ml



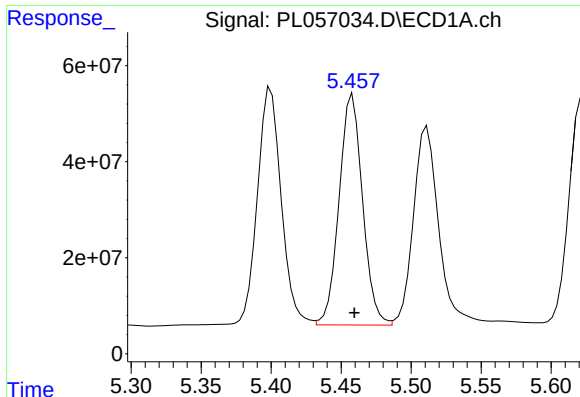
#10 gamma-Chlordane

R.T.: 5.400 min
Delta R.T.: -0.002 min
Response: 584183887
Conc: 47.03 ng/ml



#10 gamma-Chlordane

R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 152639613
Conc: 50.99 ng/ml m



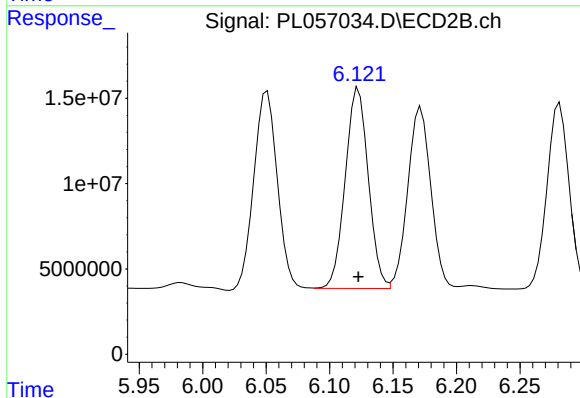
#11 alpha-Chlordane

R.T.: 5.458 min
Delta R.T.: -0.001 min
Response: 561064139
Conc: 45.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-030220MSD

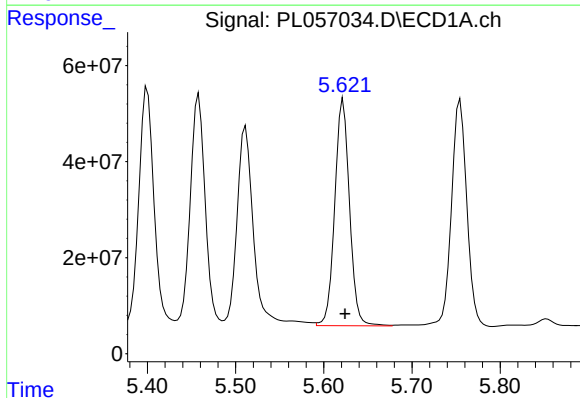
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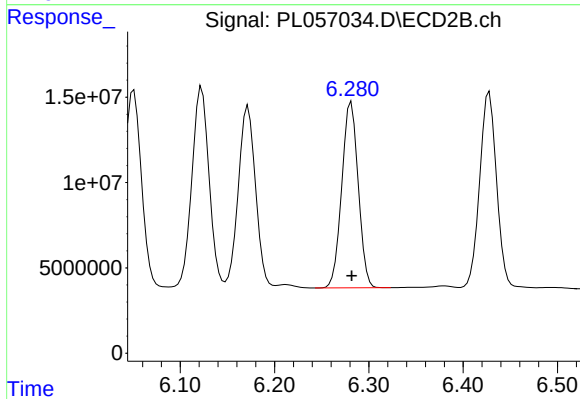
#11 alpha-Chlordane

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 148514673
Conc: 49.27 ng/ml



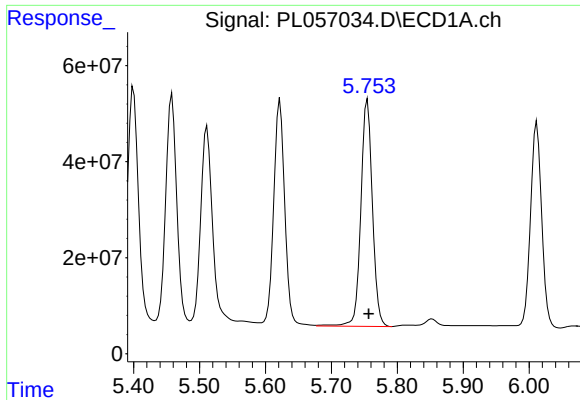
#12 4,4'-DDE

R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 550156032
Conc: 46.95 ng/ml



#12 4,4'-DDE

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 132152575
Conc: 46.57 ng/ml



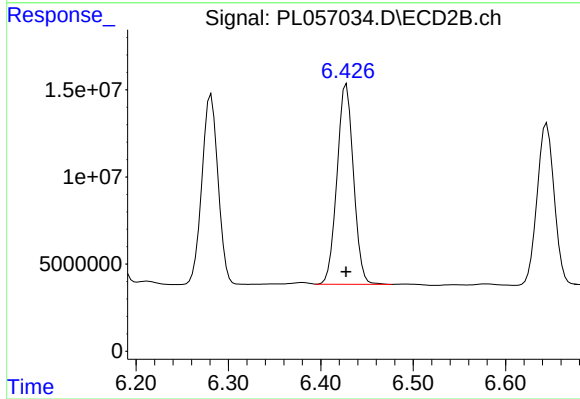
#13 Dieldrin

R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 576303480
Conc: 47.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-030220MSD

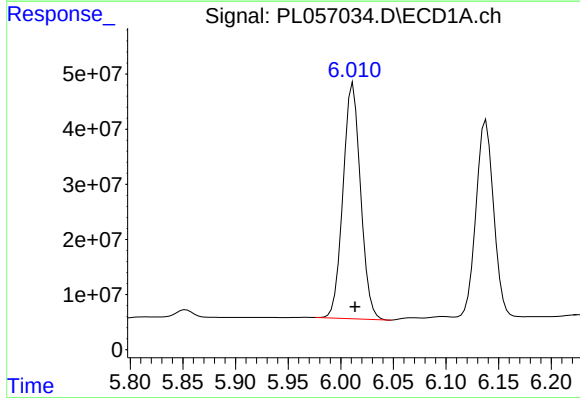
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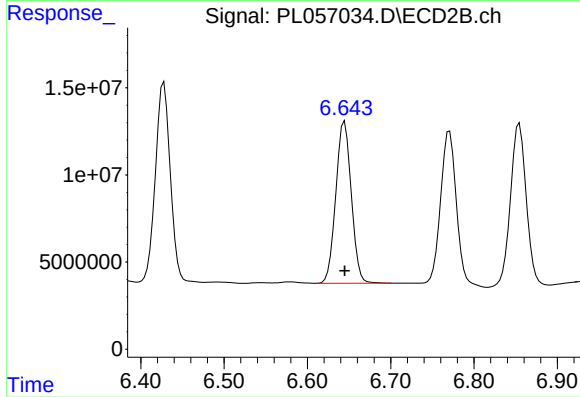
#13 Dieldrin

R.T.: 6.426 min
Delta R.T.: -0.001 min
Response: 142430922
Conc: 48.39 ng/ml m



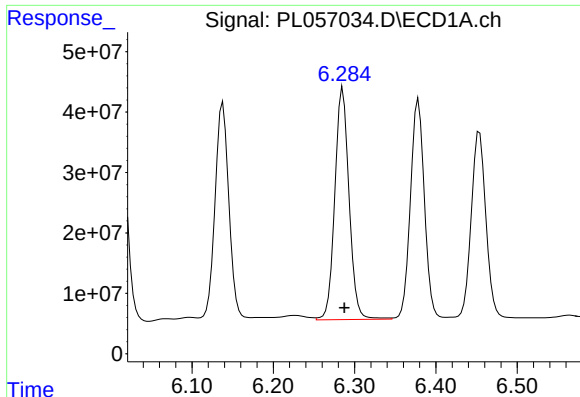
#14 Endrin

R.T.: 6.012 min
Delta R.T.: -0.002 min
Response: 497960467
Conc: 45.77 ng/ml



#14 Endrin

R.T.: 6.643 min
Delta R.T.: -0.001 min
Response: 120256284
Conc: 46.63 ng/ml m



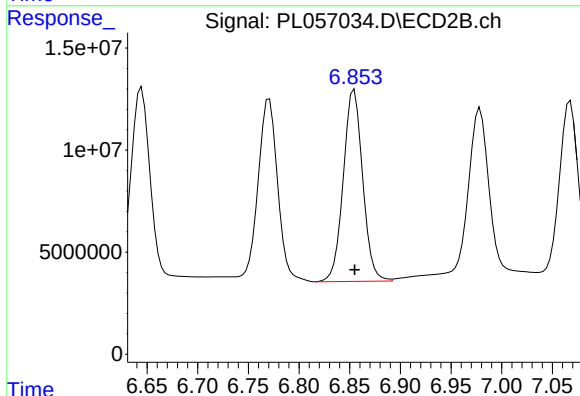
#15 Endosulfan II

R.T.: 6.285 min
Delta R.T.: -0.002 min
Response: 467285868
Conc: 43.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-030220MSD

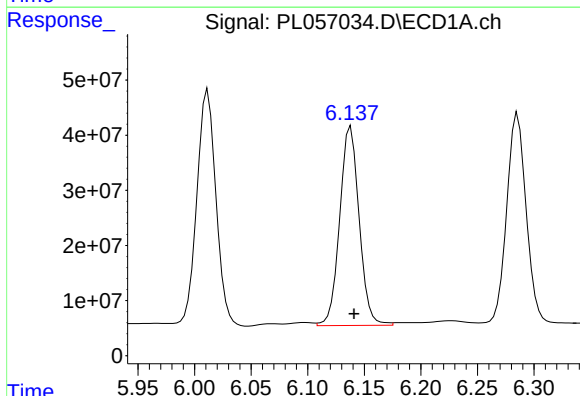
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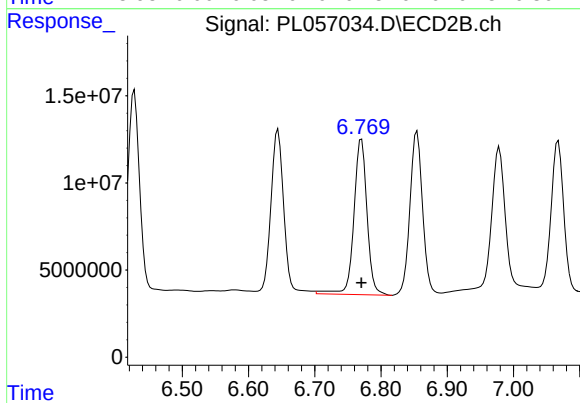
#15 Endosulfan II

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 124906429
Conc: 44.51 ng/ml



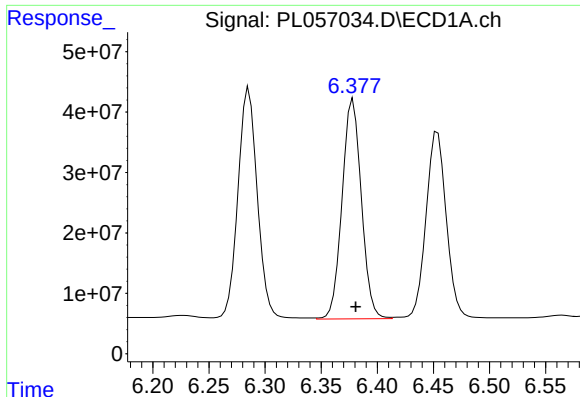
#16 4,4'-DDD

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 432258801
Conc: 44.65 ng/ml



#16 4,4'-DDD

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 123803186
Conc: 50.82 ng/ml



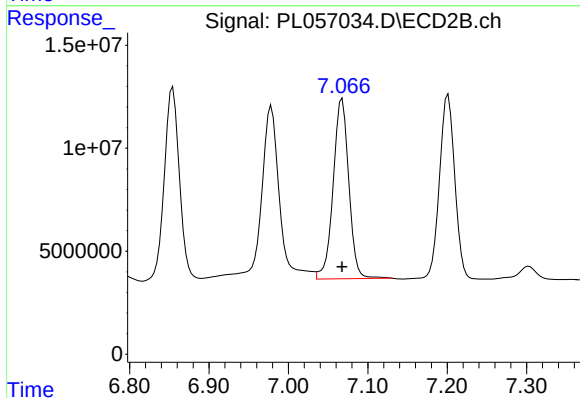
#17 4,4'-DDT

R.T.: 6.379 min
Delta R.T.: -0.002 min
Response: 435227115
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-030220MSD

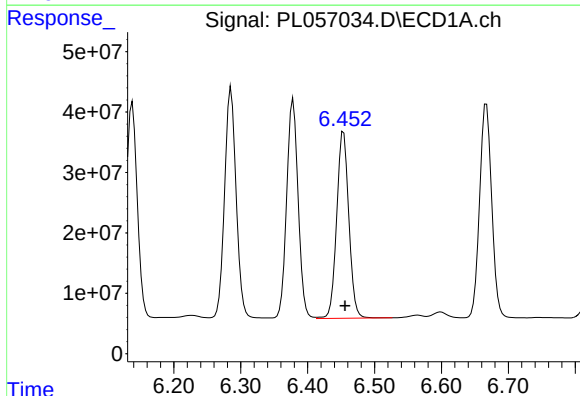
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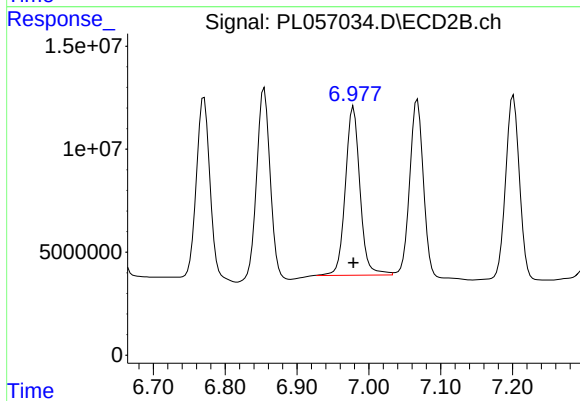
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 119485136
Conc: 48.57 ng/ml



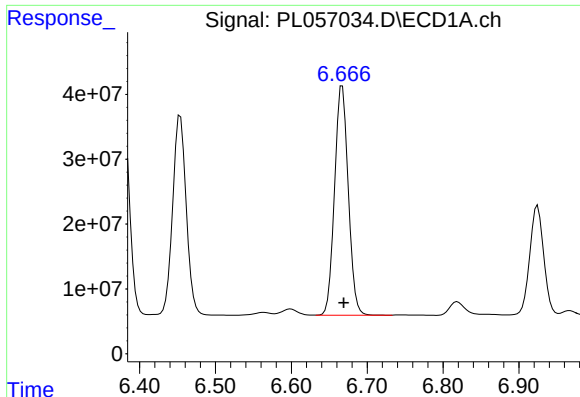
#18 Endrin aldehyde

R.T.: 6.454 min
Delta R.T.: -0.002 min
Response: 389482687
Conc: 43.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 115887269
Conc: 50.01 ng/ml m



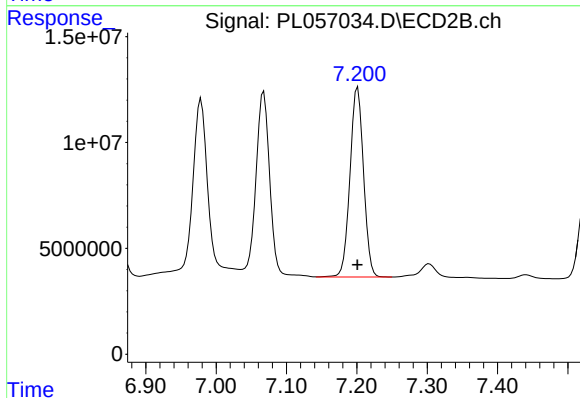
#19 Endosulfan Sulfate

R.T.: 6.667 min
Delta R.T.: -0.002 min
Response: 444236858
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-030220MSD

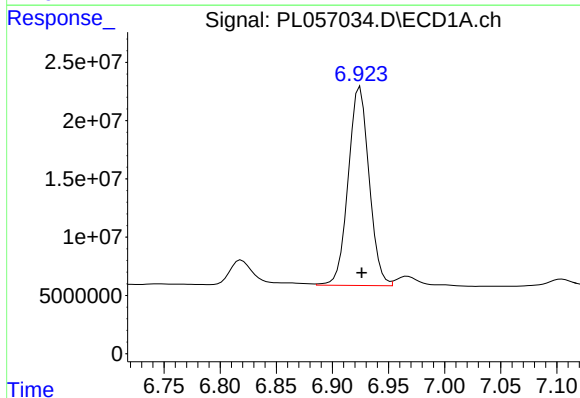
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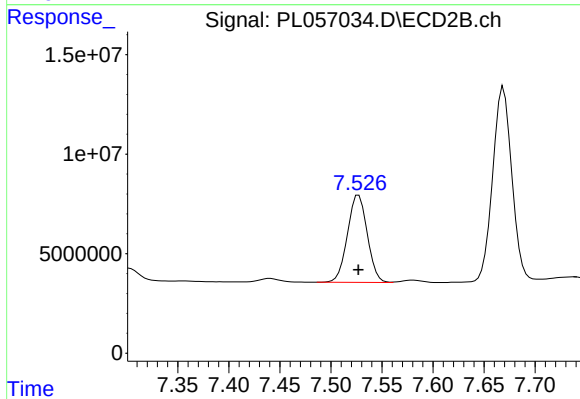
#19 Endosulfan Sulfate

R.T.: 7.200 min
Delta R.T.: -0.001 min
Response: 120312561
Conc: 47.97 ng/ml m



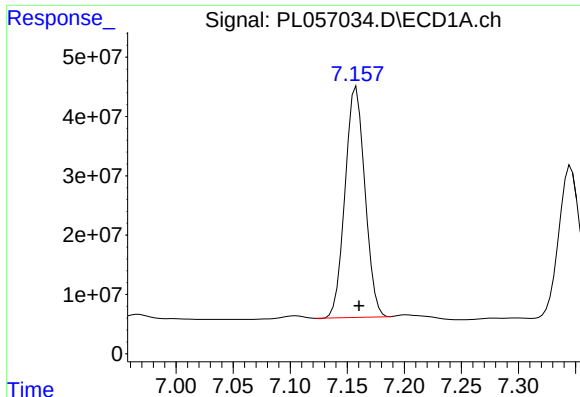
#20 Methoxychlor

R.T.: 6.925 min
Delta R.T.: -0.002 min
Response: 220416833
Conc: 44.21 ng/ml



#20 Methoxychlor

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 59264402
Conc: 47.44 ng/ml



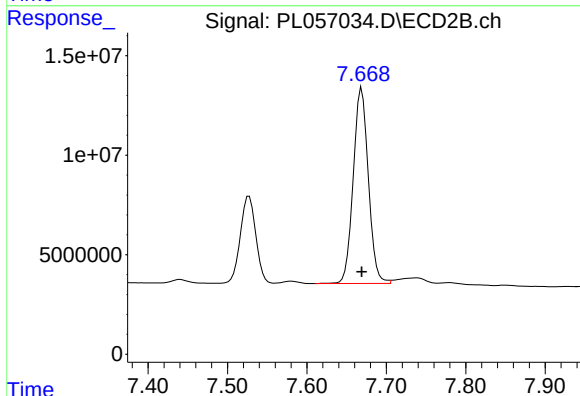
#21 Endrin ketone

R.T.: 7.158 min
Delta R.T.: -0.002 min
Response: 471193385
Conc: 41.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-030220MSD

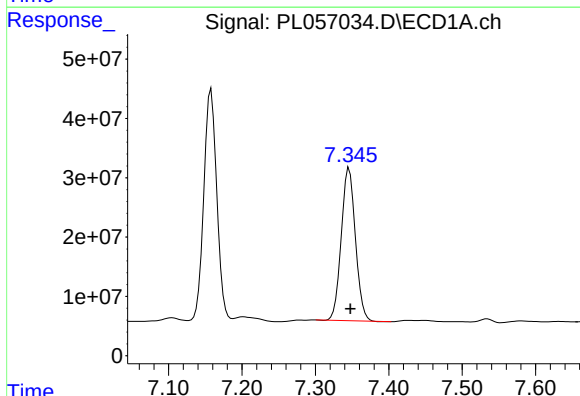
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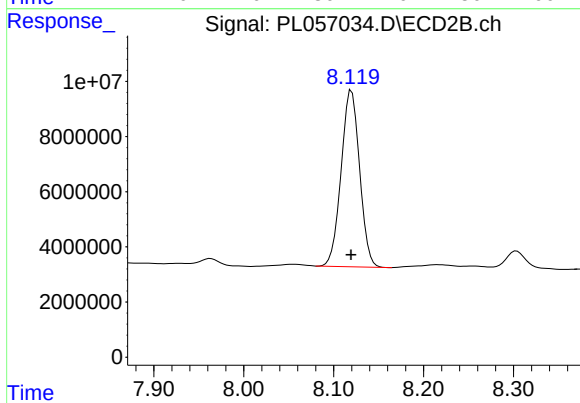
#21 Endrin ketone

R.T.: 7.669 min
Delta R.T.: 0.000 min
Response: 129853027
Conc: 47.38 ng/ml



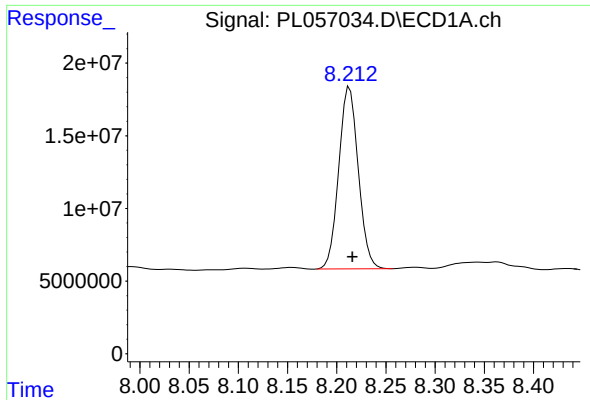
#22 Mirex

R.T.: 7.346 min
Delta R.T.: -0.002 min
Response: 344460310
Conc: 42.51 ng/ml



#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.000 min
Response: 91318153
Conc: 47.63 ng/ml



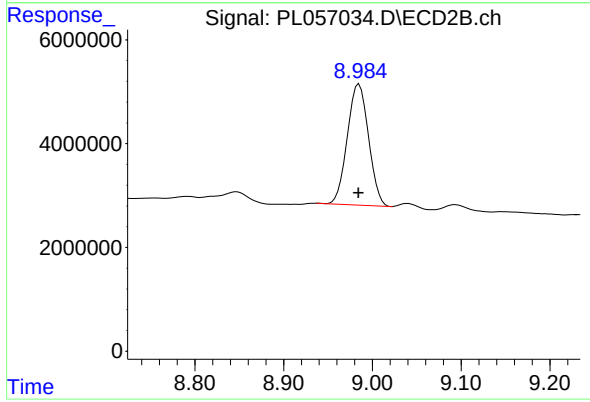
#28 Decachlorobiphenyl

R.T.: 8.213 min
Delta R.T.: -0.003 min
Response: 172901190
Conc: 17.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-030220MSD

Manual Integrations
APPROVED

mohammad
3/6/2020 11:22:28 AM



#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: 0.000 min
Response: 38741175
Conc: 18.23 ng/ml