

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111419\
 Data File : PL054256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2019 17:30
 Operator : SG\AJ
 Sample : K5670-08MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OK-03-111219MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 00:38:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 2019
 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...	3.539	4.042	182.7E6	46004082	16.858	18.384
28)	SA Decachlor...	8.321	9.119	175.0E6	51174640	17.841	18.173
Target Compounds							
2)	A alpha-BHC	3.983	4.434	932.8E6	192.4E6	53.496	55.655
3)	MA gamma-BHC...	4.269	4.719	837.4E6	175.0E6	53.771	54.356
4)	MA Heptachlor	4.575	5.228	841.6E6	160.8E6	53.324	49.903
5)	MB Aldrin	4.827	5.534	793.4E6	155.9E6	55.499	52.288
6)	B beta-BHC	4.519	4.889	354.1E6	78532492	53.736	50.843
7)	B delta-BHC	4.728	5.107	745.7E6	119.9E6	48.990	39.705
8)	B Heptachlo...	5.272	5.919	732.9E6	142.9E6	54.294	48.984
9)	A Endosulfan I	5.613	6.277	662.5E6	135.9E6	53.895	50.122
10)	B gamma-Chl...	5.500	6.154	732.6E6	143.1E6	53.692	49.058
11)	B alpha-Chl...	5.559	6.226	706.8E6	146.6E6	53.127	50.233
12)	B 4,4'-DDE	5.722	6.383	662.7E6	144.3E6	55.769	51.252
13)	MA Dieldrin	5.856	6.534	695.2E6	146.1E6	53.340m	51.210
14)	MA Endrin	6.116	6.751	630.7E6	127.1E6	54.412	52.363
15)	B Endosulfa...	6.389	6.960	572.3E6	131.5E6	51.185	51.478
16)	A 4,4'-DDD	6.239	6.873	492.1E6	113.0E6	55.291	54.228
17)	MA 4,4'-DDT	6.481	7.172	516.8E6	120.0E6	52.170	51.888
18)	B Endrin al...	6.557	7.084	464.2E6	111.6E6	50.624	50.783
19)	B Endosulfa...	6.771	7.307	507.3E6	120.2E6	49.873	48.972
20)	A Methoxychlor	7.026	7.629	256.2E6	65225633	51.958	50.216
21)	B Endrin ke...	7.263	7.779	575.1E6	133.4E6	53.423m	51.749
22)	Mirex	7.455	8.233	448.6E6	110.5E6	52.454m	54.611

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111419\
Data File : PL054256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 17:30
Operator : SG\AJ
Sample : K5670-08MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

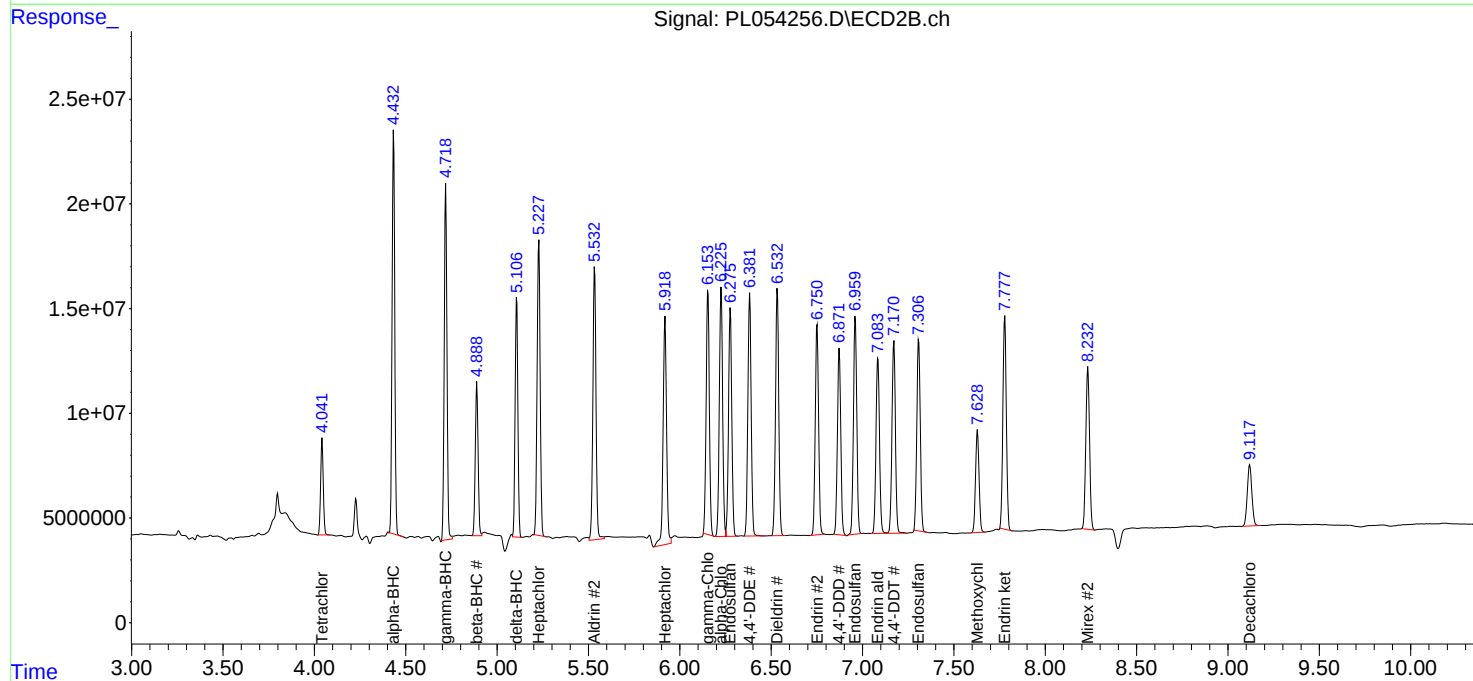
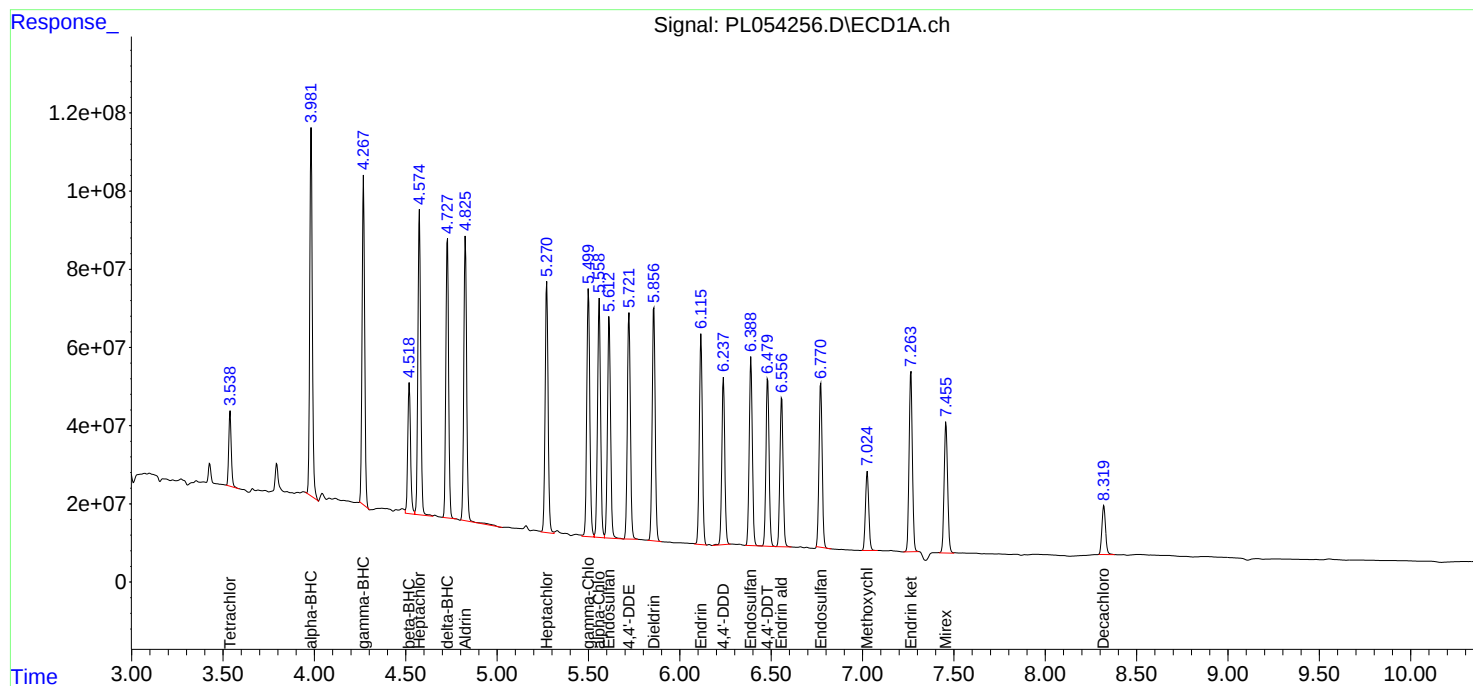
Instrument :
ECD_L
ClientSampleId :
OK-03-111219MSD

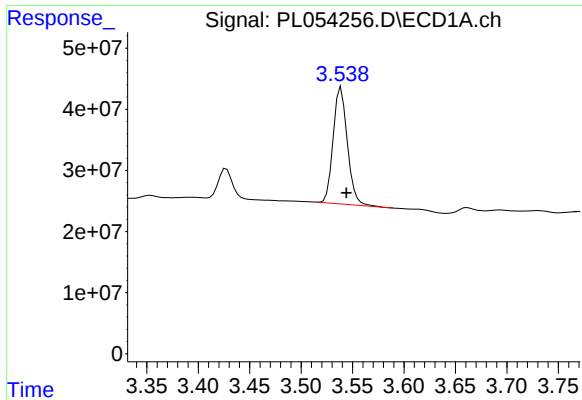
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 00:38:14 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
Response 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





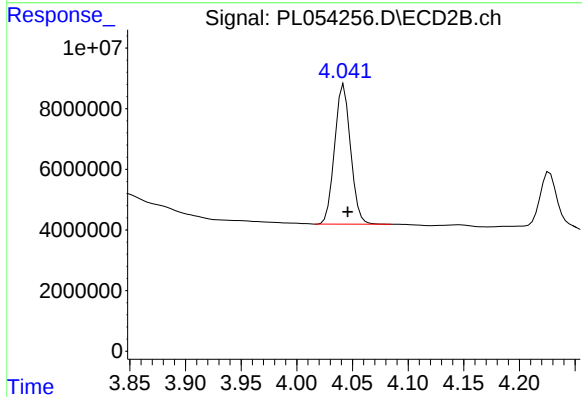
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.005 min
Response: 182729566
Conc: 16.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-111219MSD

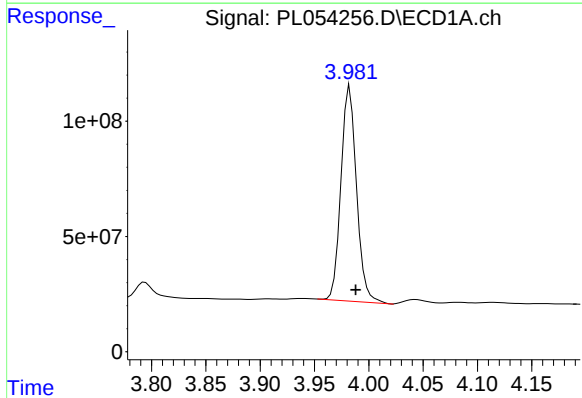
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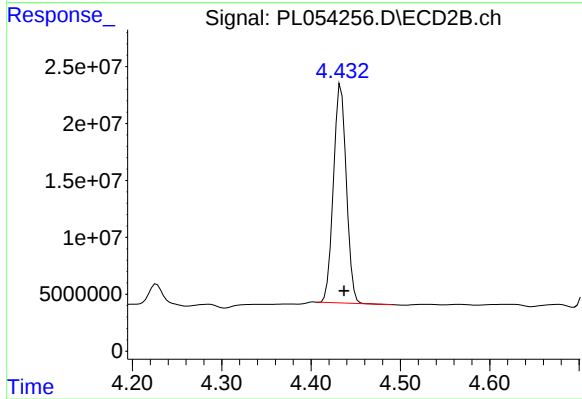
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 46004082
Conc: 18.38 ng/ml



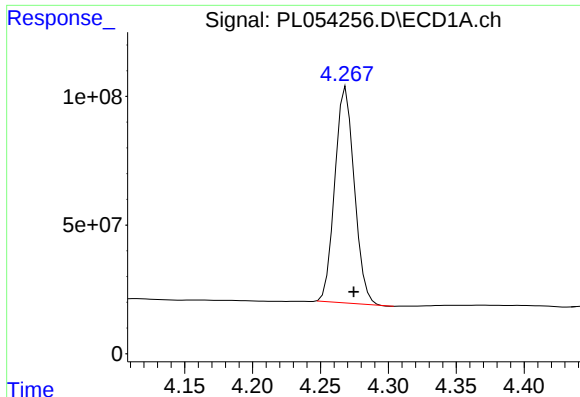
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.005 min
Response: 932789553
Conc: 53.50 ng/ml



#2 alpha-BHC

R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 192404652
Conc: 55.66 ng/ml



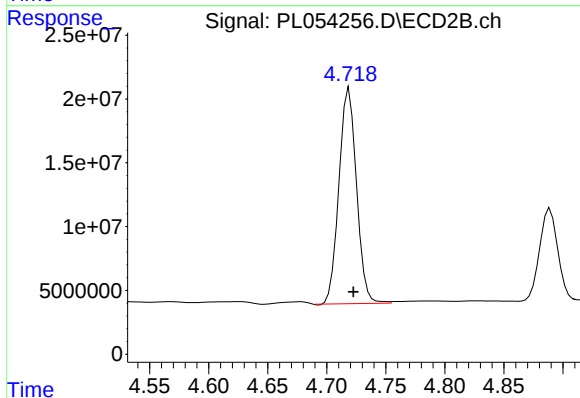
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: -0.006 min
Response: 837409770
Conc: 53.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-111219MSD

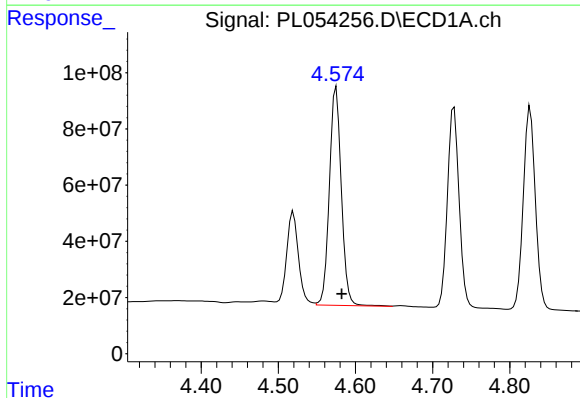
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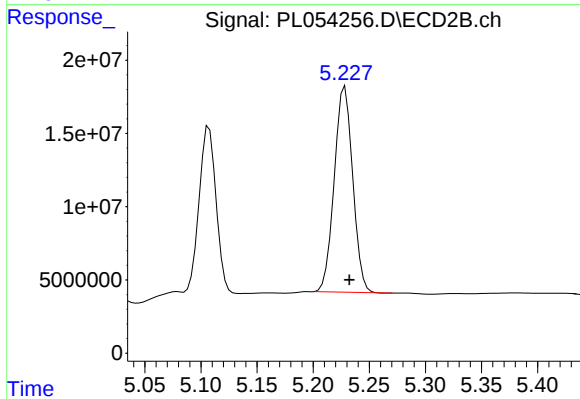
#3 gamma-BHC (Lindane)

R.T.: 4.719 min
Delta R.T.: -0.004 min
Response: 175048364
Conc: 54.36 ng/ml



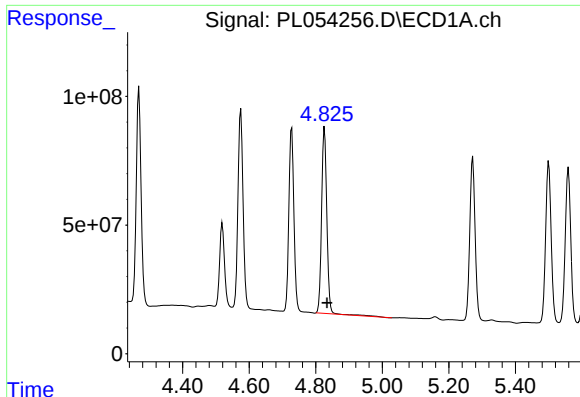
#4 Heptachlor

R.T.: 4.575 min
Delta R.T.: -0.007 min
Response: 841614534
Conc: 53.32 ng/ml



#4 Heptachlor

R.T.: 5.228 min
Delta R.T.: -0.004 min
Response: 160794237
Conc: 49.90 ng/ml



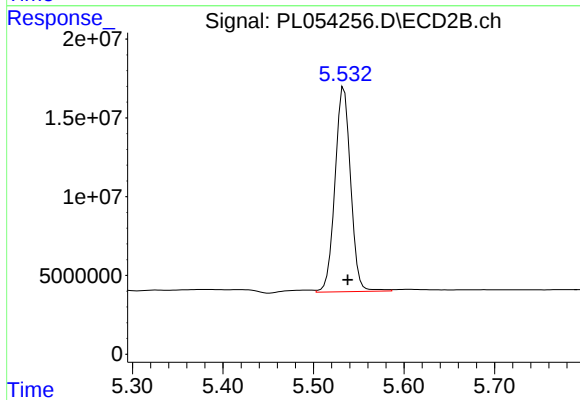
#5 Aldrin

R.T.: 4.827 min
Delta R.T.: -0.008 min
Response: 793403761
Conc: 55.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-111219MSD

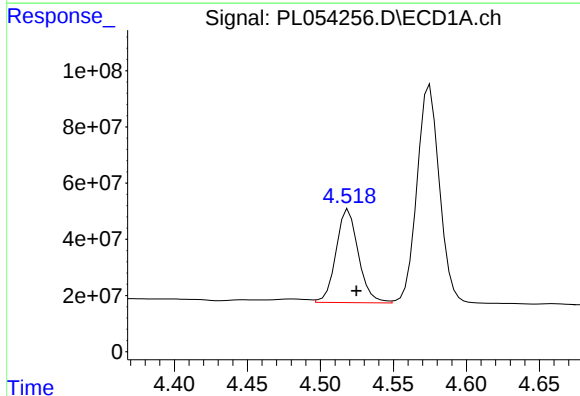
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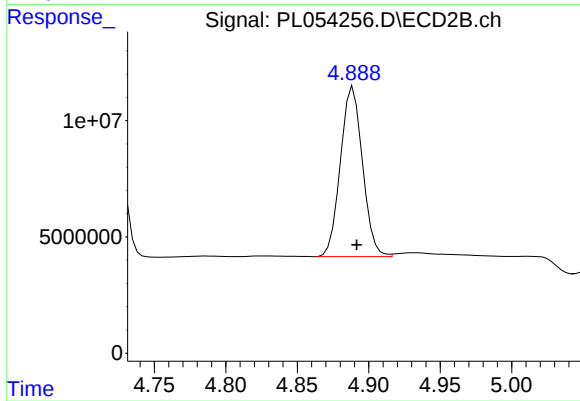
#5 Aldrin

R.T.: 5.534 min
Delta R.T.: -0.004 min
Response: 155899557
Conc: 52.29 ng/ml



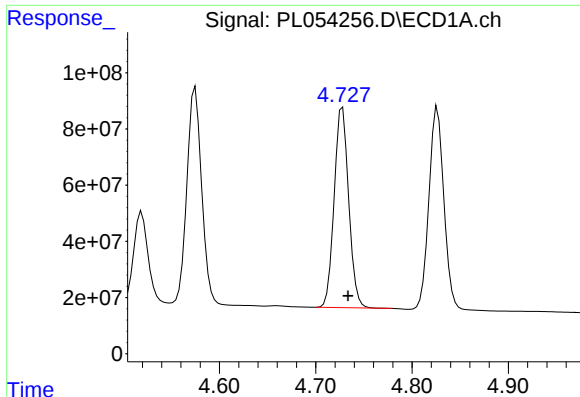
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: -0.005 min
Response: 354112042
Conc: 53.74 ng/ml



#6 beta-BHC

R.T.: 4.889 min
Delta R.T.: -0.002 min
Response: 78532492
Conc: 50.84 ng/ml



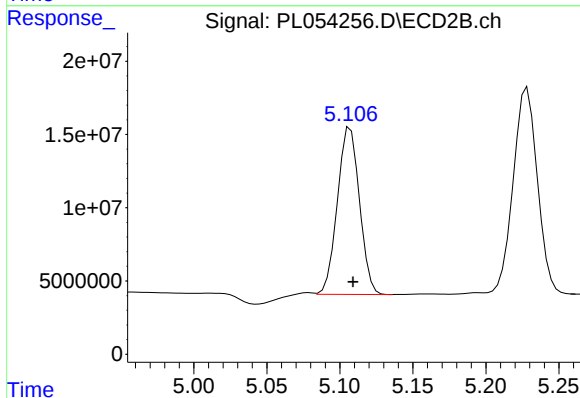
#7 delta-BHC

R.T.: 4.728 min
Delta R.T.: -0.006 min
Response: 745678206
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-111219MSD

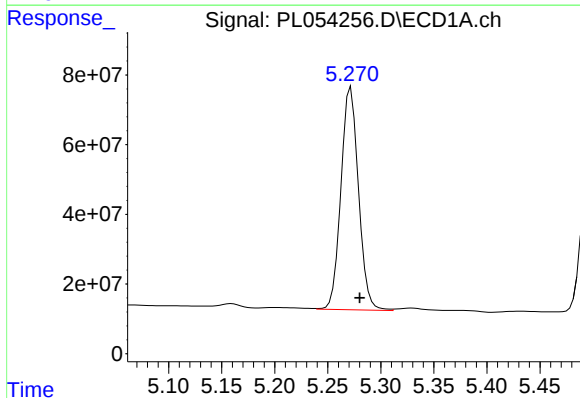
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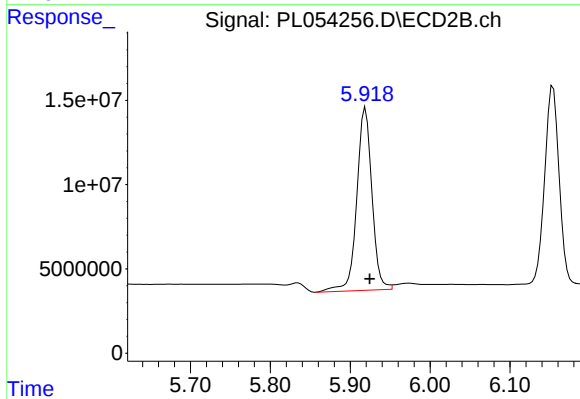
#7 delta-BHC

R.T.: 5.107 min
Delta R.T.: -0.002 min
Response: 119934113
Conc: 39.71 ng/ml



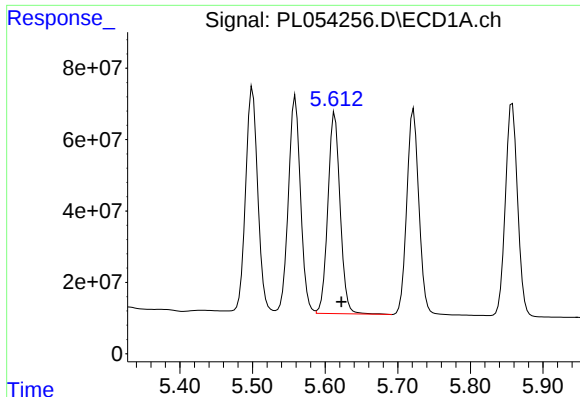
#8 Heptachlor epoxide

R.T.: 5.272 min
Delta R.T.: -0.008 min
Response: 732925767
Conc: 54.29 ng/ml



#8 Heptachlor epoxide

R.T.: 5.919 min
Delta R.T.: -0.005 min
Response: 142856117
Conc: 48.98 ng/ml



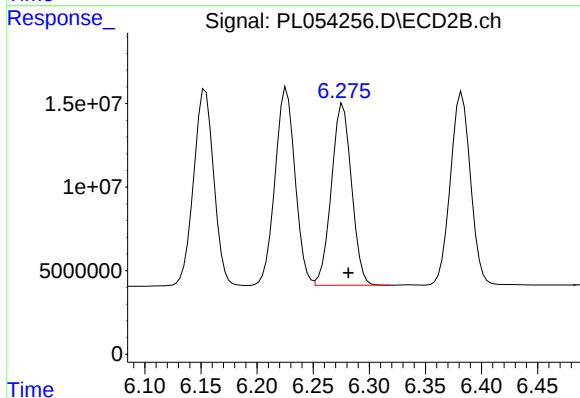
#9 Endosulfan I

R.T.: 5.613 min
Delta R.T.: -0.009 min
Response: 662480857
Conc: 53.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-111219MSD

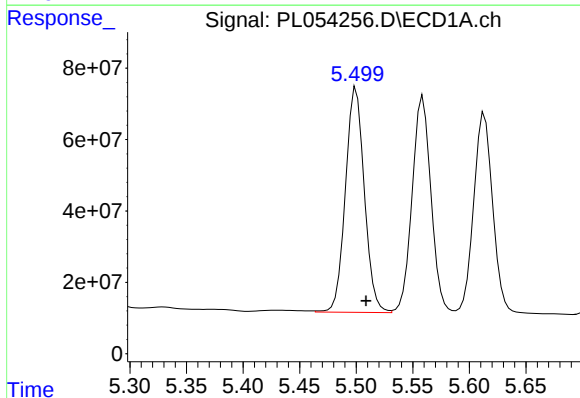
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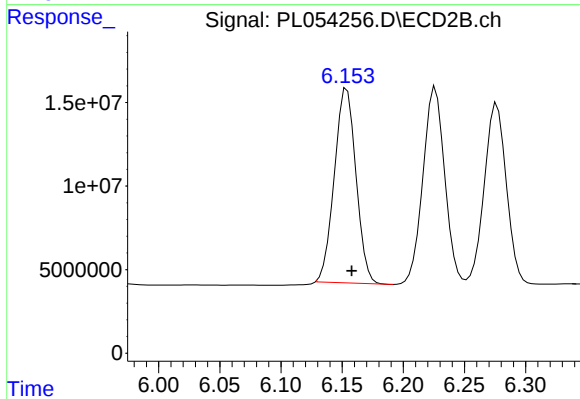
#9 Endosulfan I

R.T.: 6.277 min
Delta R.T.: -0.005 min
Response: 135893304
Conc: 50.12 ng/ml



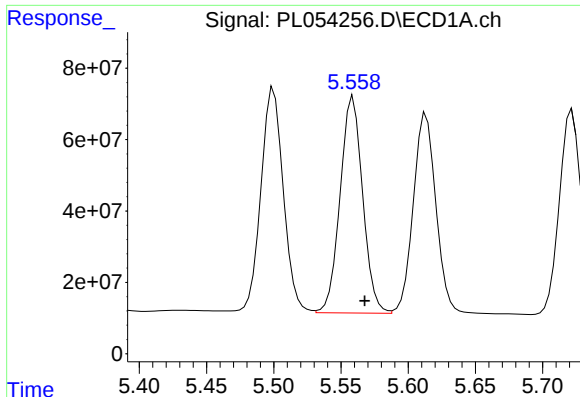
#10 gamma-Chlordane

R.T.: 5.500 min
Delta R.T.: -0.009 min
Response: 732556017
Conc: 53.69 ng/ml



#10 gamma-Chlordane

R.T.: 6.154 min
Delta R.T.: -0.004 min
Response: 143140693
Conc: 49.06 ng/ml



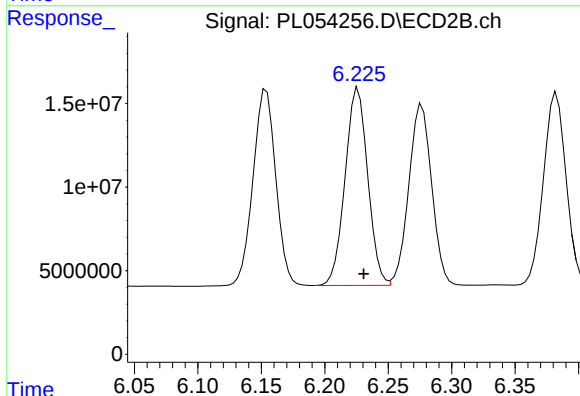
#11 alpha-Chlordane

R.T.: 5.559 min
Delta R.T.: -0.009 min
Response: 706774464
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-111219MSD

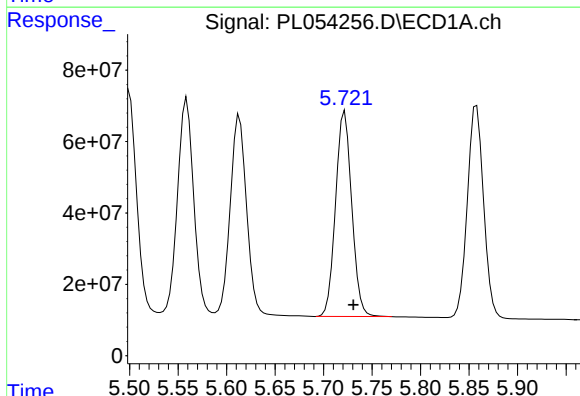
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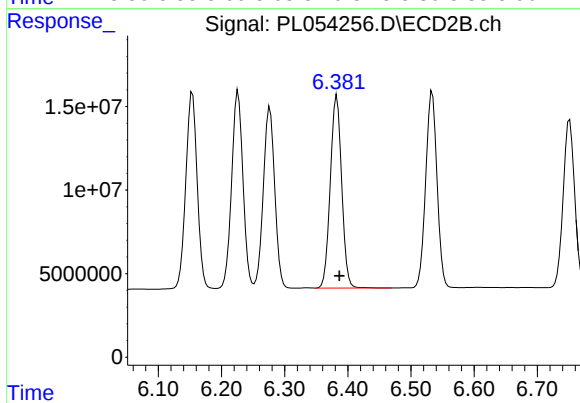
#11 alpha-Chlordane

R.T.: 6.226 min
Delta R.T.: -0.004 min
Response: 146640502
Conc: 50.23 ng/ml



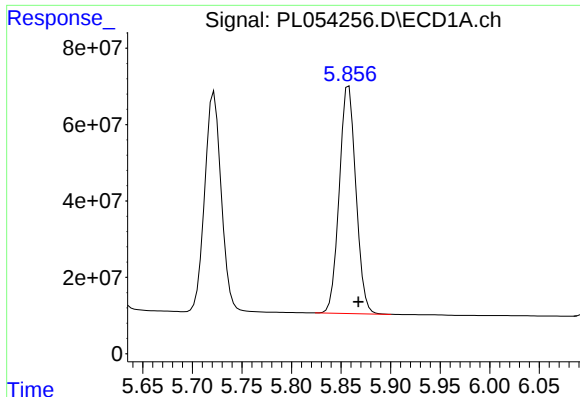
#12 4,4'-DDE

R.T.: 5.722 min
Delta R.T.: -0.009 min
Response: 662664322
Conc: 55.77 ng/ml



#12 4,4'-DDE

R.T.: 6.383 min
Delta R.T.: -0.004 min
Response: 144342701
Conc: 51.25 ng/ml



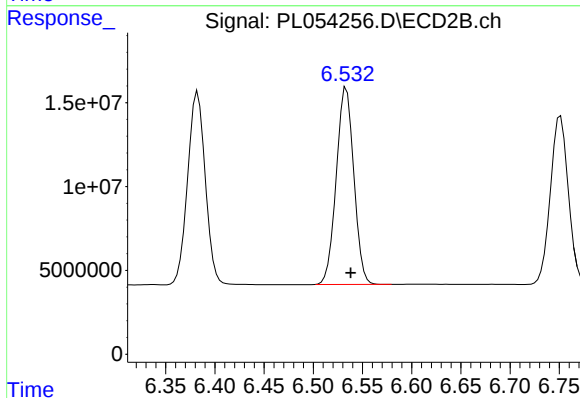
#13 Dieldrin

R.T.: 5.856 min
Delta R.T.: -0.011 min
Response: 695214442
Conc: 53.34 ng/ml m

Instrument :
ECD_L
ClientSampleId :
OK-03-111219MSD

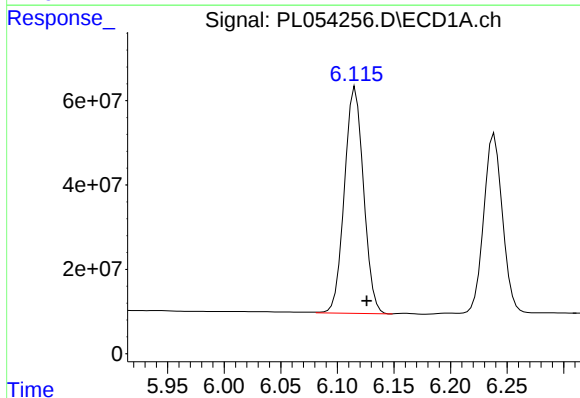
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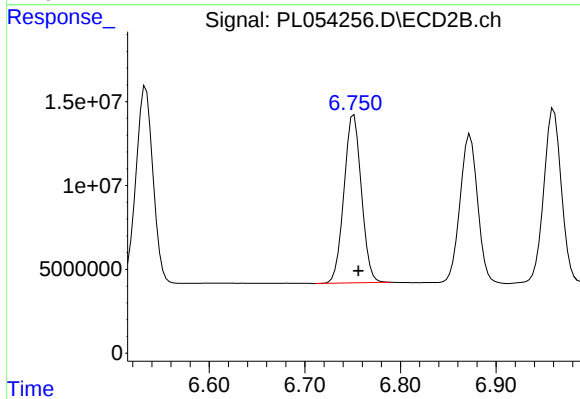
#13 Dieldrin

R.T.: 6.534 min
Delta R.T.: -0.005 min
Response: 146135391
Conc: 51.21 ng/ml



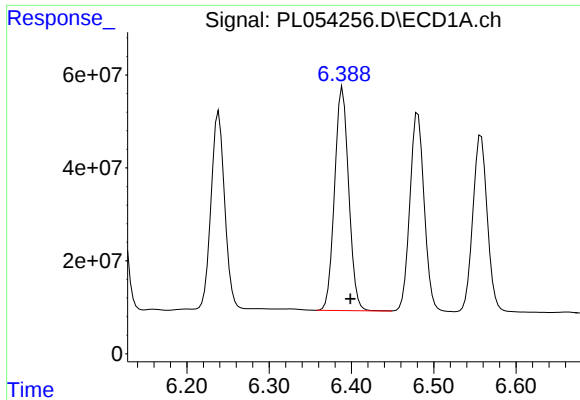
#14 Endrin

R.T.: 6.116 min
Delta R.T.: -0.010 min
Response: 630699025
Conc: 54.41 ng/ml



#14 Endrin

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 127095542
Conc: 52.36 ng/ml



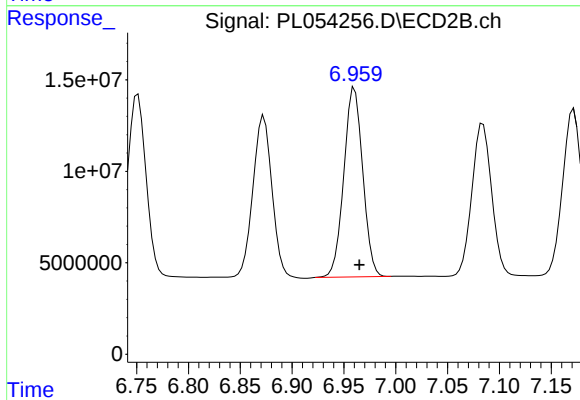
#15 Endosulfan II

R.T.: 6.389 min
Delta R.T.: -0.010 min
Response: 572267490
Conc: 51.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-111219MSD

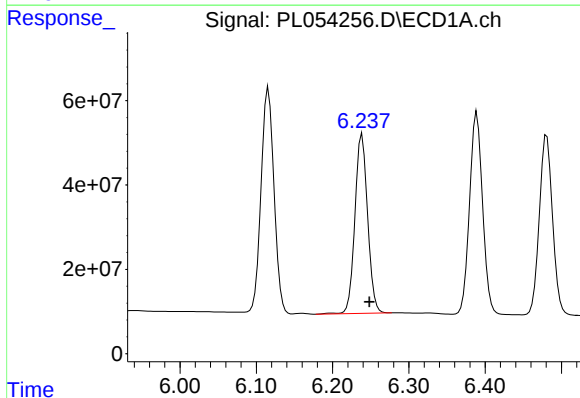
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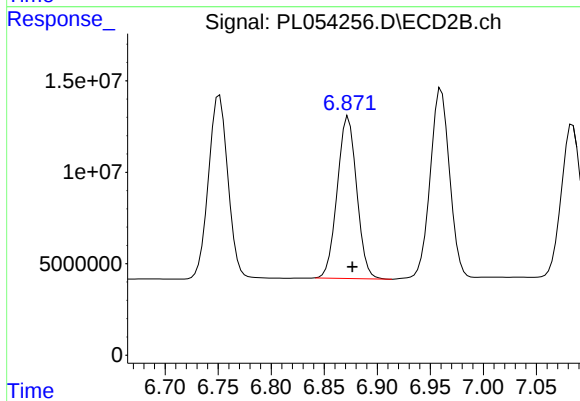
#15 Endosulfan II

R.T.: 6.960 min
Delta R.T.: -0.005 min
Response: 131499918
Conc: 51.48 ng/ml



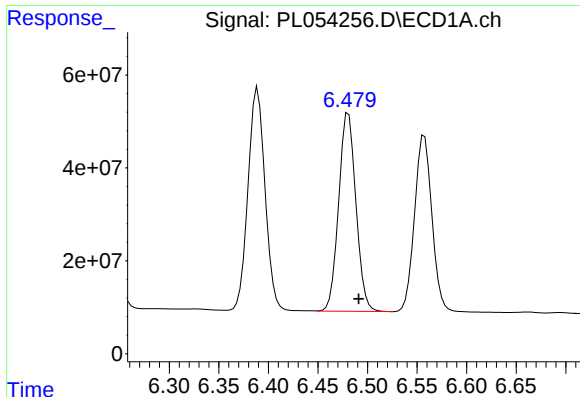
#16 4,4'-DDD

R.T.: 6.239 min
Delta R.T.: -0.010 min
Response: 492079315
Conc: 55.29 ng/ml



#16 4,4'-DDD

R.T.: 6.873 min
Delta R.T.: -0.004 min
Response: 113008136
Conc: 54.23 ng/ml



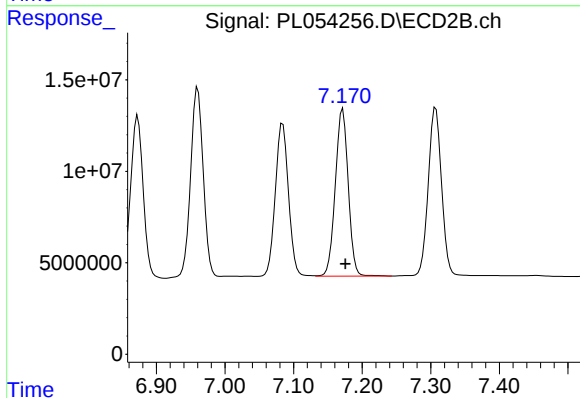
#17 4,4'-DDT

R.T.: 6.481 min
Delta R.T.: -0.010 min
Response: 516816462
Conc: 52.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-111219MSD

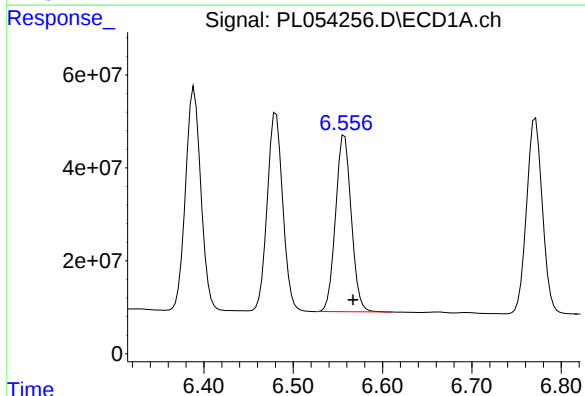
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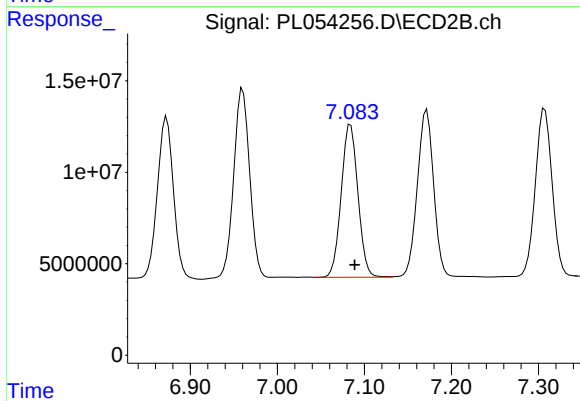
#17 4,4'-DDT

R.T.: 7.172 min
Delta R.T.: -0.004 min
Response: 119992244
Conc: 51.89 ng/ml



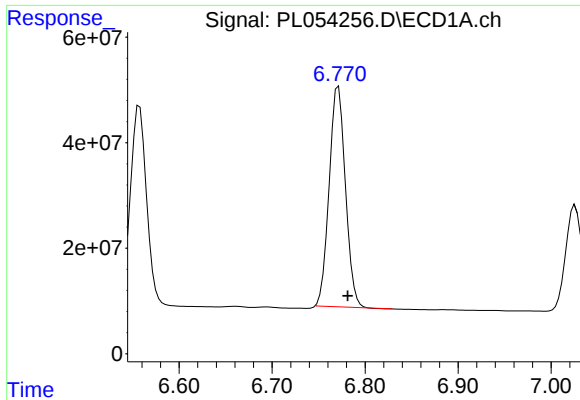
#18 Endrin aldehyde

R.T.: 6.557 min
Delta R.T.: -0.010 min
Response: 464180251
Conc: 50.62 ng/ml



#18 Endrin aldehyde

R.T.: 7.084 min
Delta R.T.: -0.005 min
Response: 111559142
Conc: 50.78 ng/ml



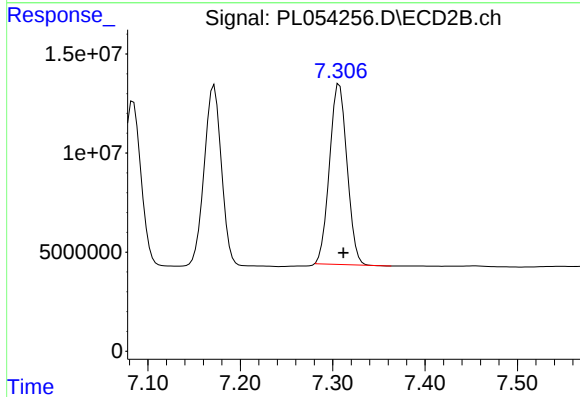
#19 Endosulfan Sulfate

R.T.: 6.771 min
Delta R.T.: -0.010 min
Response: 507293733
Conc: 49.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-111219MSD

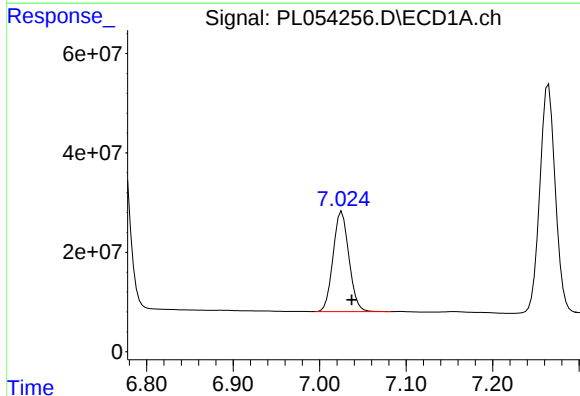
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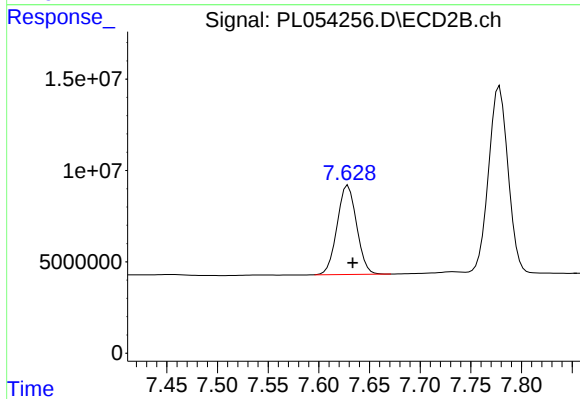
#19 Endosulfan Sulfate

R.T.: 7.307 min
Delta R.T.: -0.004 min
Response: 120158988
Conc: 48.97 ng/ml



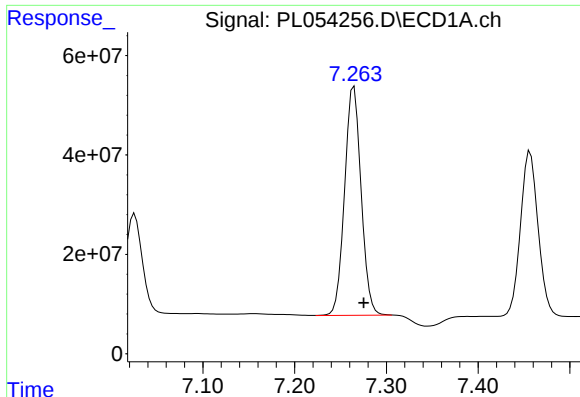
#20 Methoxychlor

R.T.: 7.026 min
Delta R.T.: -0.011 min
Response: 256172379
Conc: 51.96 ng/ml



#20 Methoxychlor

R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 65225633
Conc: 50.22 ng/ml



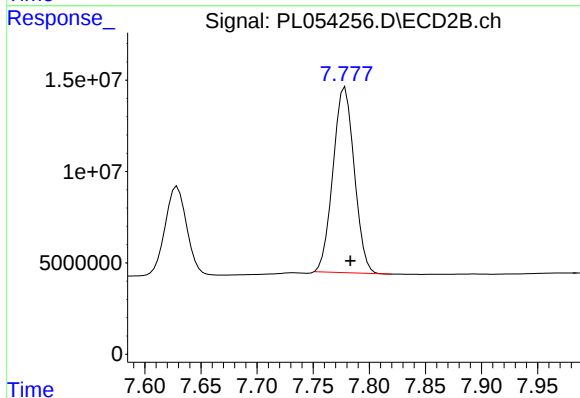
#21 Endrin ketone

R.T.: 7.263 min
Delta R.T.: -0.012 min
Response: 575100440
Conc: 53.42 ng/ml m

Instrument :
ECD_L
ClientSampleId :
OK-03-111219MSD

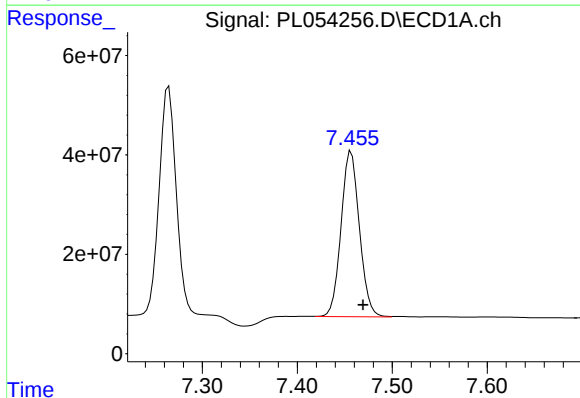
Manual Integrations
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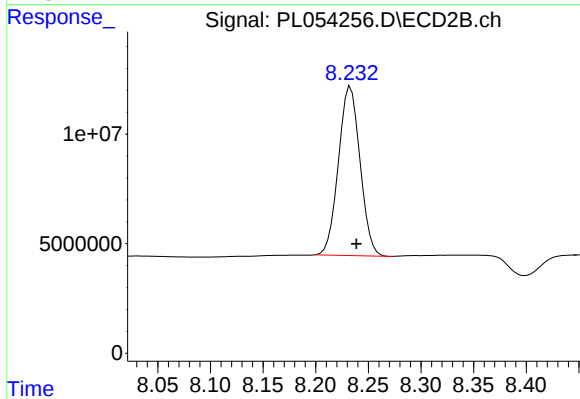
#21 Endrin ketone

R.T.: 7.779 min
Delta R.T.: -0.005 min
Response: 133434743
Conc: 51.75 ng/ml



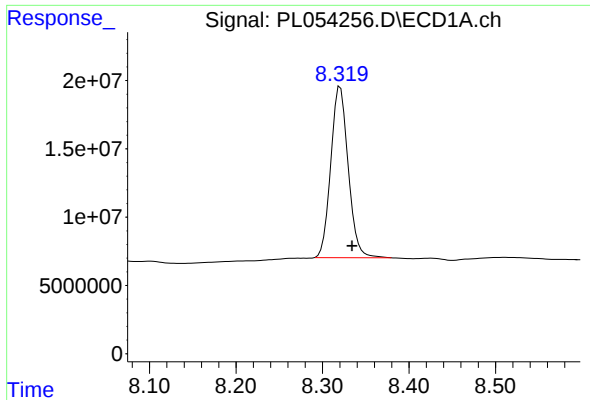
#22 Mirex

R.T.: 7.455 min
Delta R.T.: -0.014 min
Response: 448639684
Conc: 52.45 ng/ml m



#22 Mirex

R.T.: 8.233 min
Delta R.T.: -0.005 min
Response: 110482388
Conc: 54.61 ng/ml



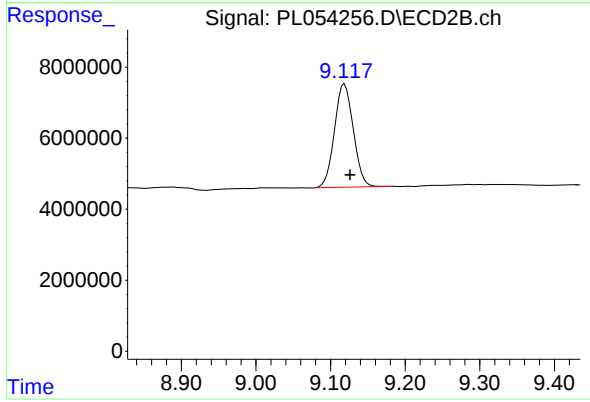
#28 Decachlorobiphenyl

R.T.: 8.321 min
Delta R.T.: -0.013 min
Response: 175046443
Conc: 17.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-111219MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: -0.008 min
Response: 51174640
Conc: 18.17 ng/ml