

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123019\
 Data File : PL055369.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Dec 2019 14:21
 Operator : SG\AJ
 Sample : PB125779BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB125779BS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 31 00:52:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 21 05:21:06 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	4.050	159.9E6	46740806	15.204	17.690
28)	SA Decachlor...	8.318	9.153	150.7E6	36526562	16.240	16.547
Target Compounds							
2)	A alpha-BHC	3.982	4.441	788.9E6	185.5E6	45.343	50.367
3)	MA gamma-BHC...	4.269	4.727	726.0E6	170.2E6	44.031	49.786
4)	MA Heptachlor	4.574	5.237	729.4E6	154.6E6	44.674	49.147
5)	MB Aldrin	4.825	5.542	713.4E6	148.0E6	46.718	51.395
6)	B beta-BHC	4.519	4.897	308.2E6	82150831	44.942	50.025m
7)	B delta-BHC	4.727	5.116	675.6E6	149.1E6	44.632	53.326
8)	B Heptachlo...	5.270	5.929	663.6E6	135.4E6	46.440	53.134
9)	A Endosulfan I	5.612	6.288	607.7E6	124.8E6	45.994	50.376
10)	B gamma-Chl...	5.498	6.164	673.2E6	135.2E6	46.205	50.938
11)	B alpha-Chl...	5.557	6.237	652.6E6	132.6E6	46.356	50.569
12)	B 4,4'-DDE	5.720	6.394	623.3E6	125.3E6	46.775	51.392
13)	MA Dieldrin	5.856	6.545	652.1E6	130.1E6	46.715	50.980
14)	MA Endrin	6.115	6.764	531.3E6	98071281	41.800	45.700
15)	B Endosulfa...	6.388	6.974	540.7E6	113.8E6	46.066	48.003
16)	A 4,4'-DDD	6.237	6.886	487.2E6	103.2E6	50.723	54.292
17)	MA 4,4'-DDT	6.479	7.186	427.3E6	86231647	42.445	43.937
18)	B Endrin al...	6.556	7.099	457.7E6	96931564	46.995	50.226
19)	B Endosulfa...	6.770	7.324	474.3E6	101.9E6	47.150	48.812
20)	A Methoxychlor	7.024	7.647	200.3E6	45442507	41.563	42.105
21)	B Endrin ke...	7.263	7.798	548.8E6	116.6E6	52.357	52.338
22)	Mirex	7.455	8.255	385.5E6	86329192	50.612	52.066

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123019\
Data File : PL055369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Dec 2019 14:21
Operator : SG\AJ
Sample : PB125779BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

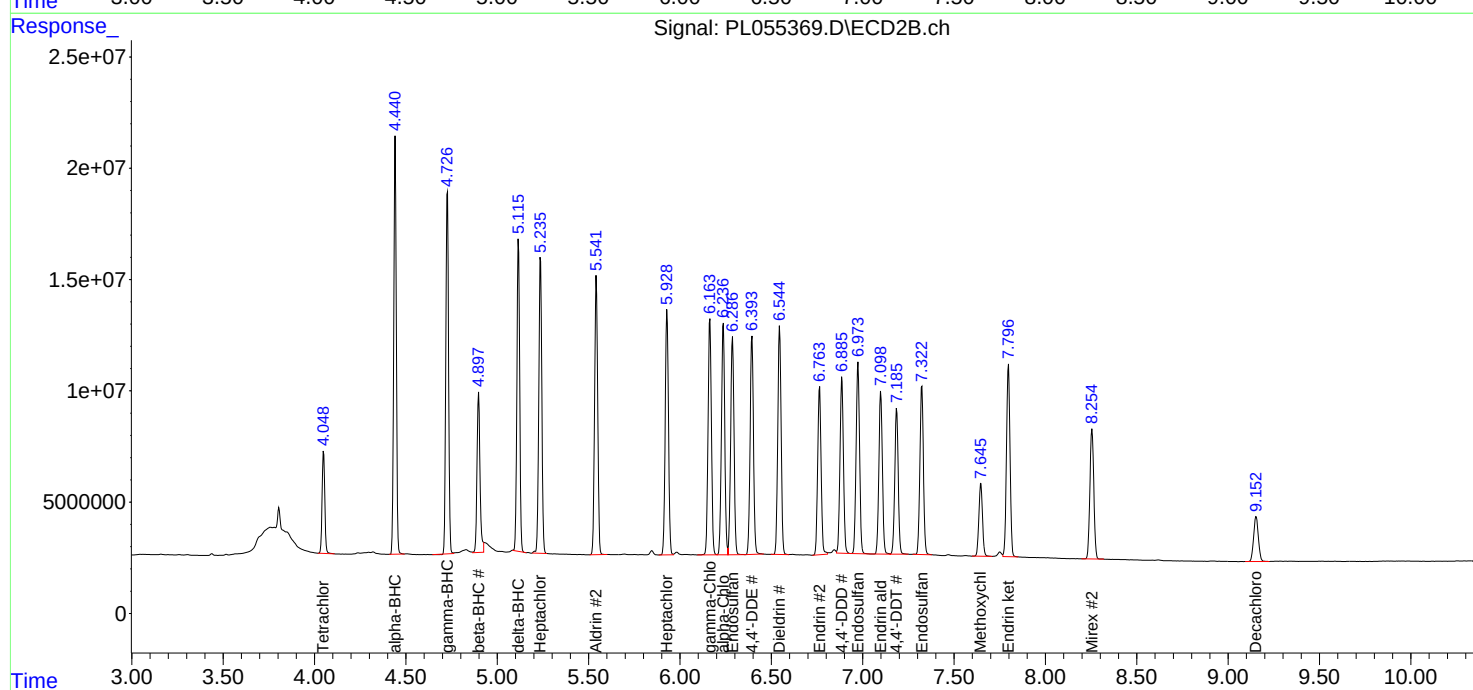
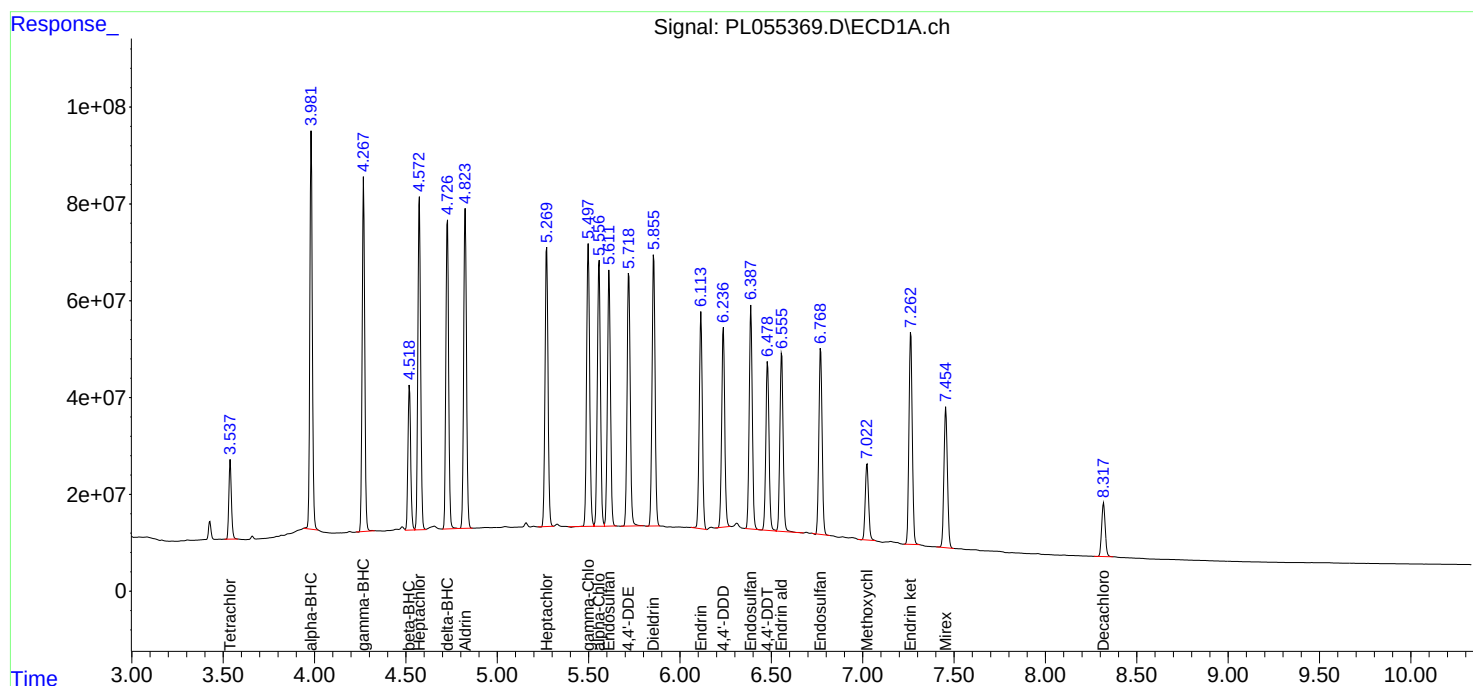
Instrument :
ECD_L
ClientSampleId :
PB125779BS

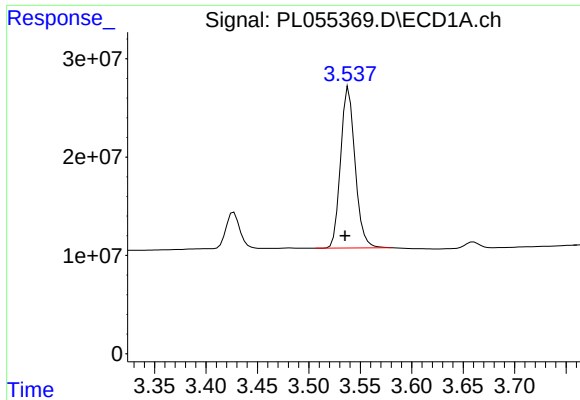
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 31 00:52:14 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
Quant Title : GC Extractables
QLast Update : Sat Dec 21 05:21:06 2019
Response 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





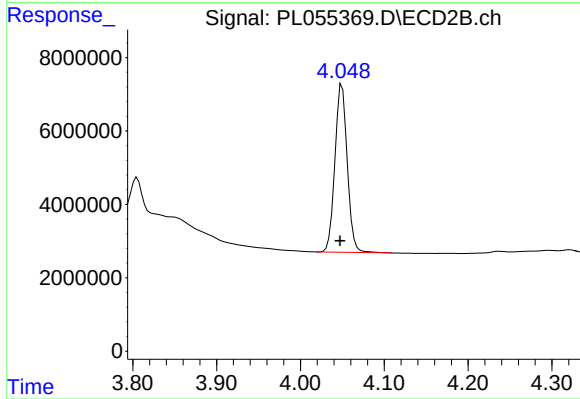
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.004 min
Response: 159895314
Conc: 15.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB125779BS

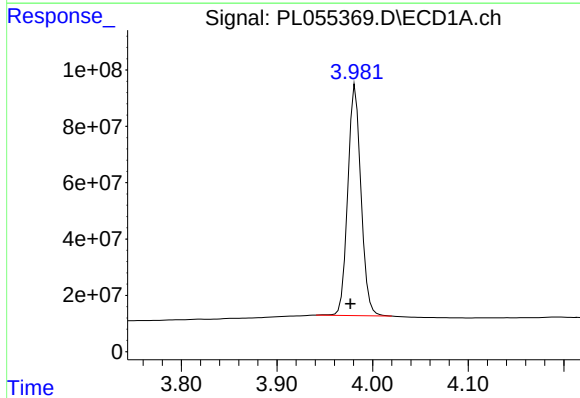
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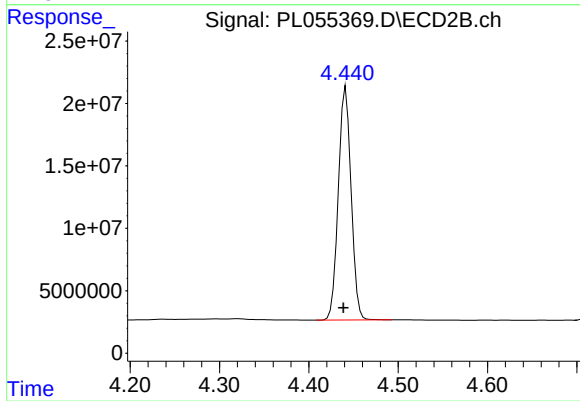
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.002 min
Response: 46740806
Conc: 17.69 ng/ml



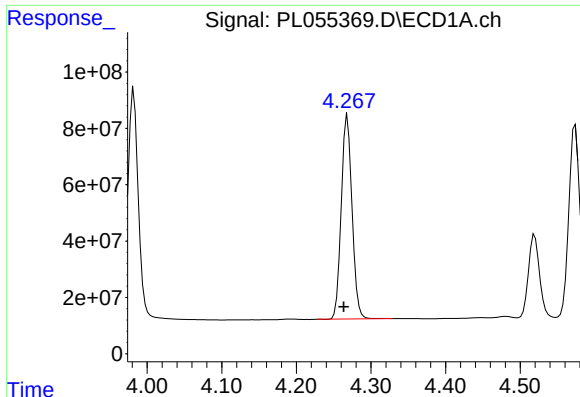
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.005 min
Response: 788857857
Conc: 45.34 ng/ml



#2 alpha-BHC

R.T.: 4.441 min
Delta R.T.: 0.003 min
Response: 185490885
Conc: 50.37 ng/ml



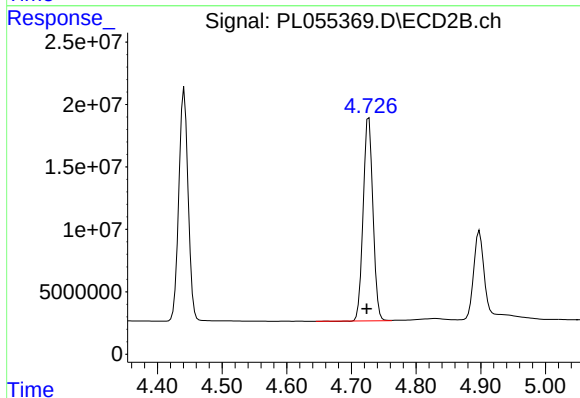
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.005 min
Response: 72600964
Conc: 44.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB125779BS

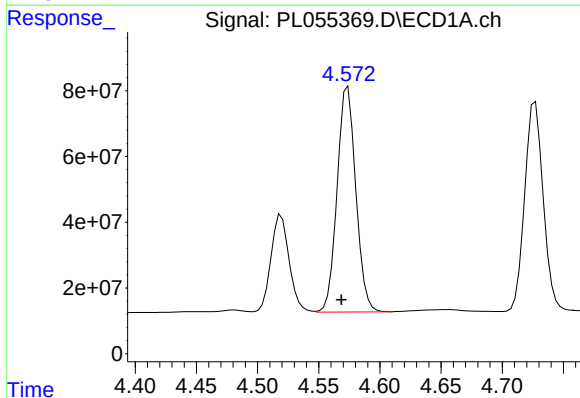
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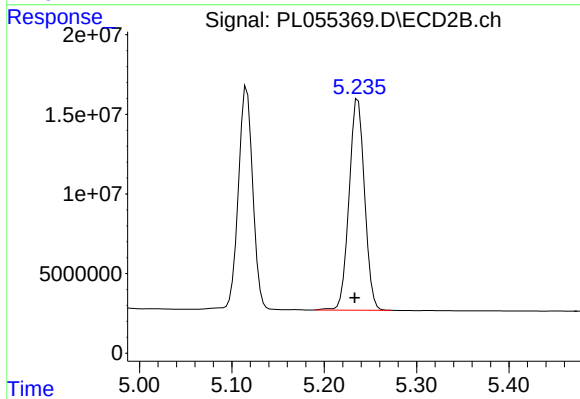
#3 gamma-BHC (Lindane)

R.T.: 4.727 min
Delta R.T.: 0.003 min
Response: 170199367
Conc: 49.79 ng/ml



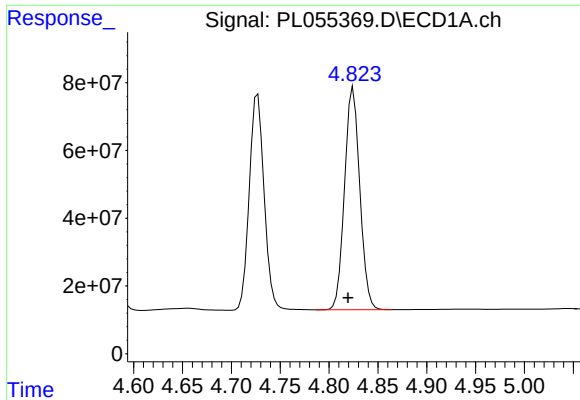
#4 Heptachlor

R.T.: 4.574 min
Delta R.T.: 0.005 min
Response: 729408988
Conc: 44.67 ng/ml



#4 Heptachlor

R.T.: 5.237 min
Delta R.T.: 0.003 min
Response: 154623660
Conc: 49.15 ng/ml



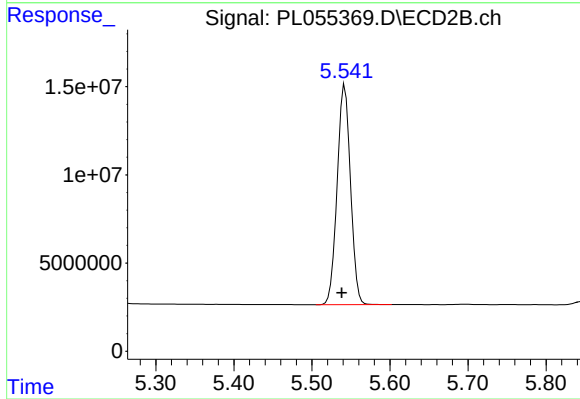
#5 Aldrin

R.T.: 4.825 min
Delta R.T.: 0.005 min
Response: 713357578
Conc: 46.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB125779BS

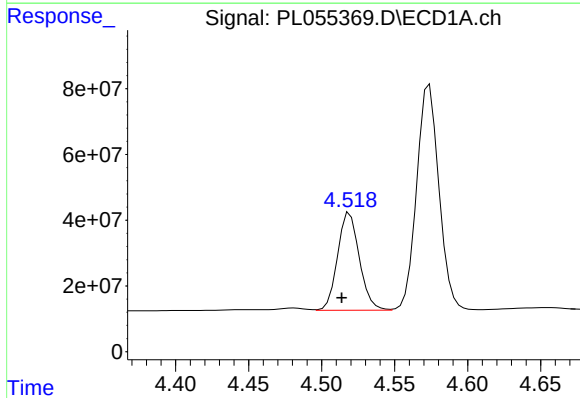
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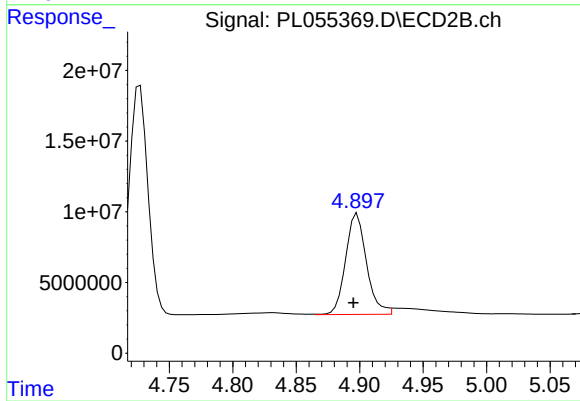
#5 Aldrin

R.T.: 5.542 min
Delta R.T.: 0.004 min
Response: 147990866
Conc: 51.39 ng/ml



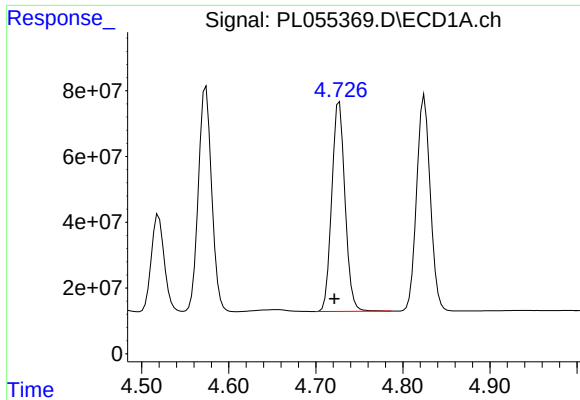
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.006 min
Response: 308190473
Conc: 44.94 ng/ml



#6 beta-BHC

R.T.: 4.897 min
Delta R.T.: 0.002 min
Response: 82150831
Conc: 50.03 ng/ml m



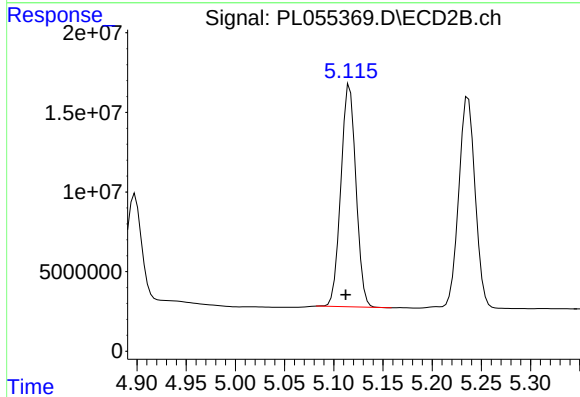
#7 delta-BHC

R.T.: 4.727 min
Delta R.T.: 0.006 min
Response: 67555285
Conc: 44.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB125779BS

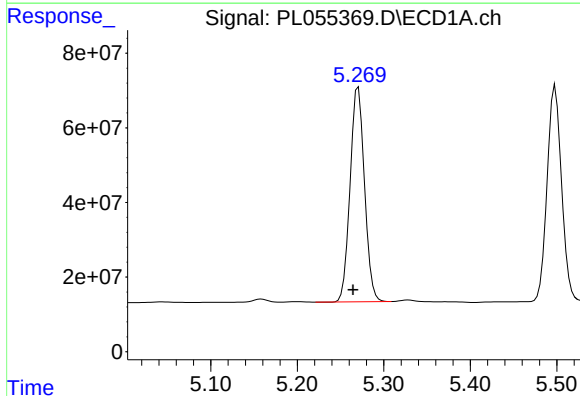
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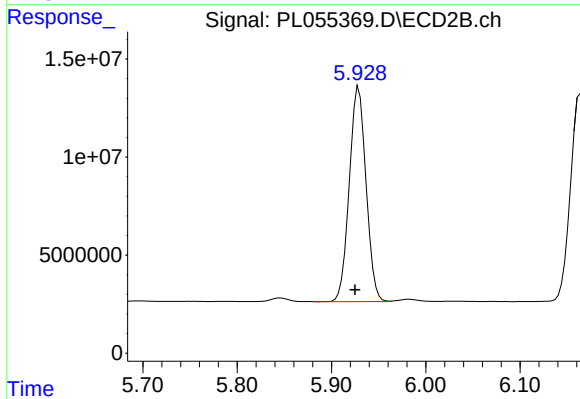
#7 delta-BHC

R.T.: 5.116 min
Delta R.T.: 0.004 min
Response: 149115989
Conc: 53.33 ng/ml



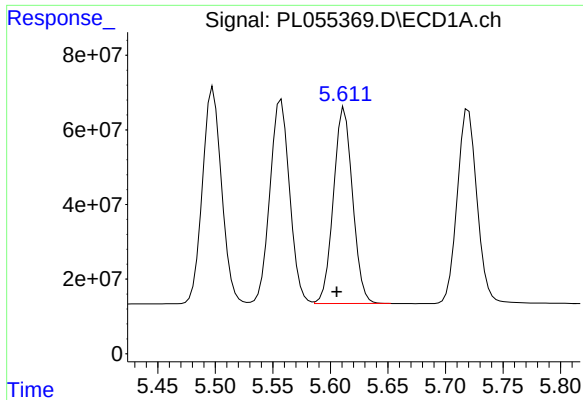
#8 Heptachlor epoxide

R.T.: 5.270 min
Delta R.T.: 0.006 min
Response: 663587975
Conc: 46.44 ng/ml



#8 Heptachlor epoxide

R.T.: 5.929 min
Delta R.T.: 0.004 min
Response: 135428952
Conc: 53.13 ng/ml



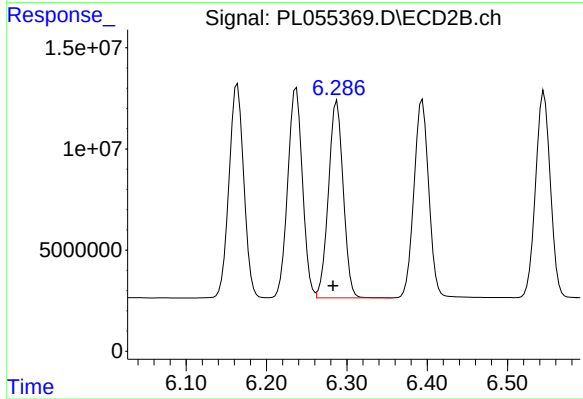
#9 Endosulfan I

R.T.: 5.612 min
Delta R.T.: 0.007 min
Response: 607724274
Conc: 45.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB125779BS

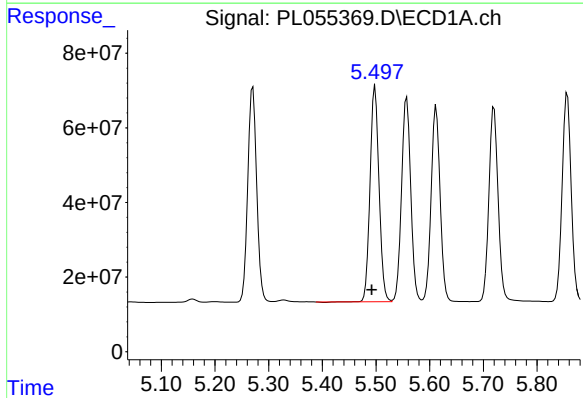
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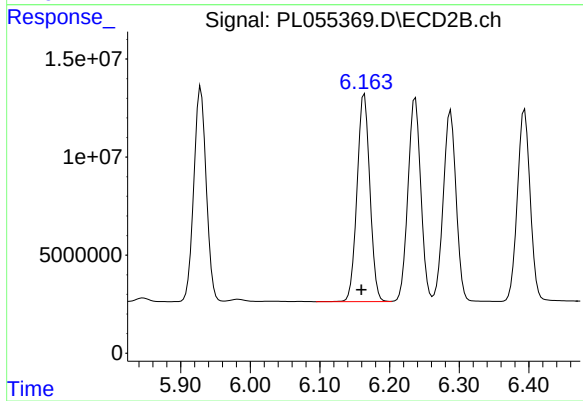
#9 Endosulfan I

R.T.: 6.288 min
Delta R.T.: 0.005 min
Response: 124771999
Conc: 50.38 ng/ml



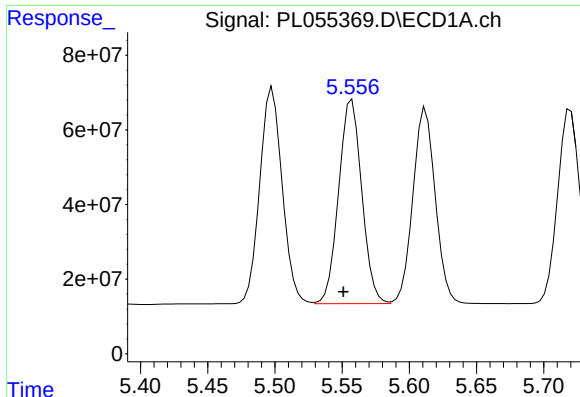
#10 gamma-Chlordane

R.T.: 5.498 min
Delta R.T.: 0.006 min
Response: 673205501
Conc: 46.20 ng/ml



#10 gamma-Chlordane

R.T.: 6.164 min
Delta R.T.: 0.005 min
Response: 135195548
Conc: 50.94 ng/ml



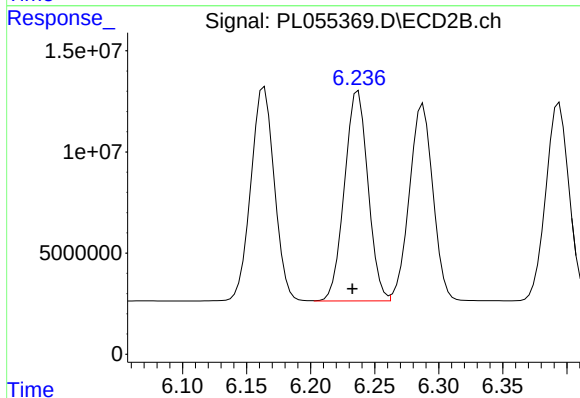
#11 alpha-Chlordane

R.T.: 5.557 min
Delta R.T.: 0.006 min
Response: 652637569
Conc: 46.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB125779BS

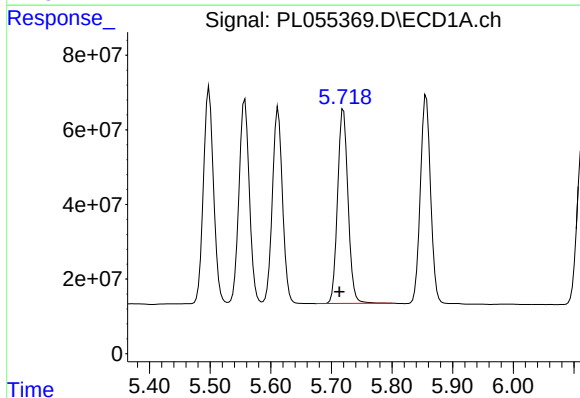
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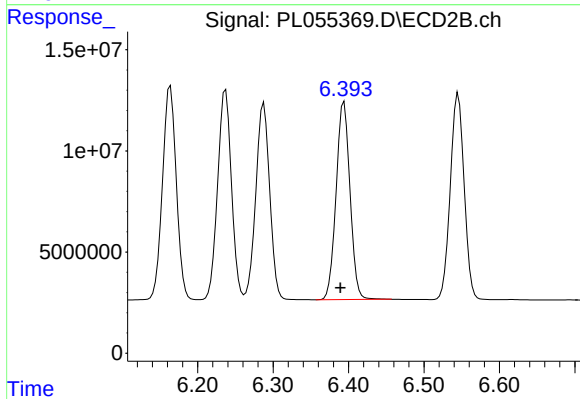
#11 alpha-Chlordane

R.T.: 6.237 min
Delta R.T.: 0.005 min
Response: 132606691
Conc: 50.57 ng/ml



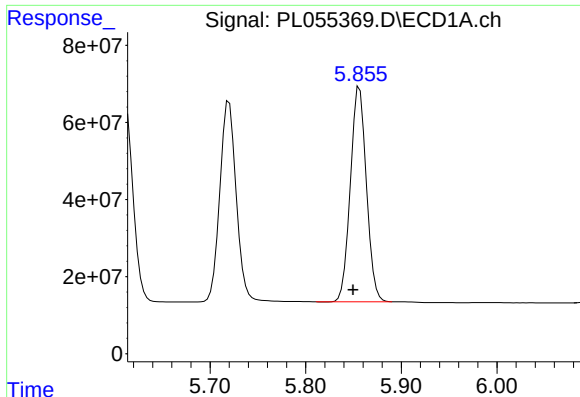
#12 4,4'-DDE

R.T.: 5.720 min
Delta R.T.: 0.007 min
Response: 623335596
Conc: 46.78 ng/ml



#12 4,4'-DDE

R.T.: 6.394 min
Delta R.T.: 0.005 min
Response: 125307047
Conc: 51.39 ng/ml



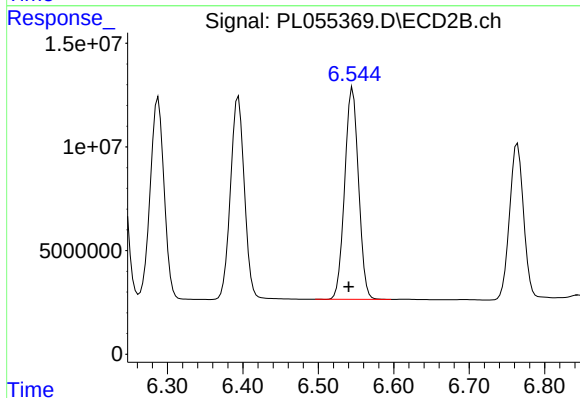
#13 Dieldrin

R.T.: 5.856 min
Delta R.T.: 0.007 min
Response: 652131652
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB125779BS

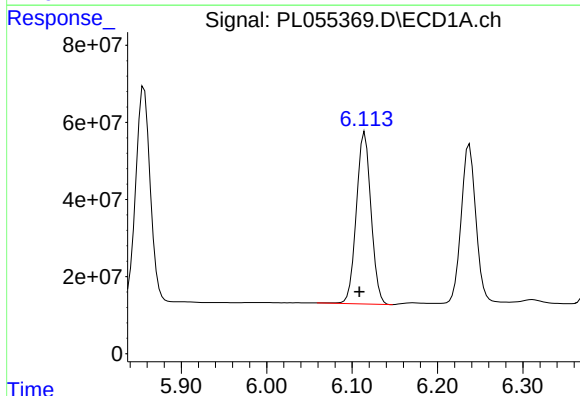
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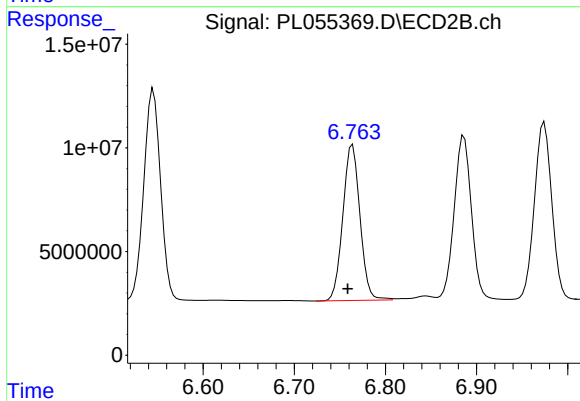
#13 Dieldrin

R.T.: 6.545 min
Delta R.T.: 0.005 min
Response: 130103616
Conc: 50.98 ng/ml



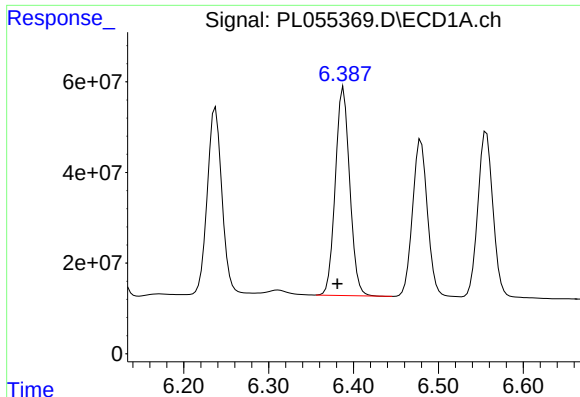
#14 Endrin

R.T.: 6.115 min
Delta R.T.: 0.006 min
Response: 531261633
Conc: 41.80 ng/ml



#14 Endrin

R.T.: 6.764 min
Delta R.T.: 0.005 min
Response: 98071281
Conc: 45.70 ng/ml



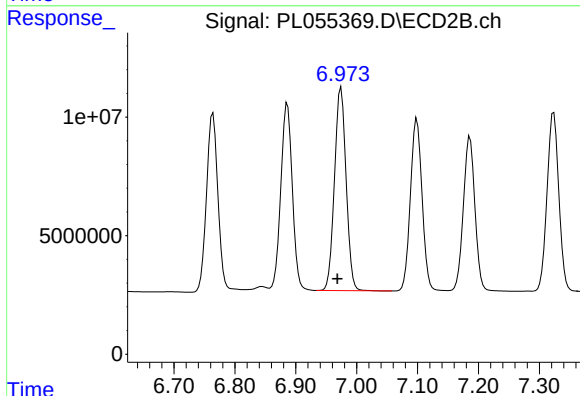
#15 Endosulfan II

R.T.: 6.388 min
Delta R.T.: 0.007 min
Response: 540664135
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB125779BS

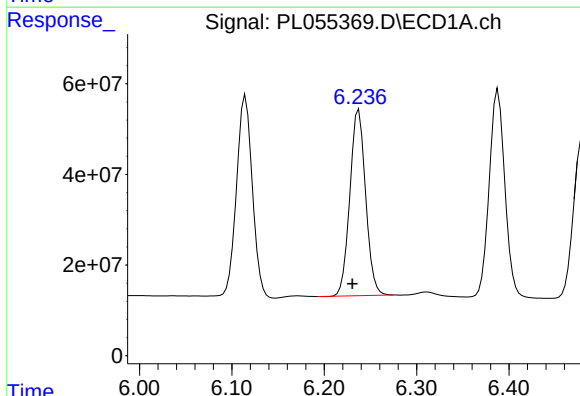
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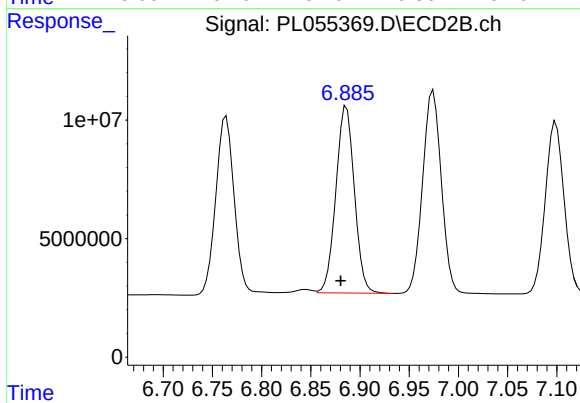
#15 Endosulfan II

R.T.: 6.974 min
Delta R.T.: 0.006 min
Response: 113802403
Conc: 48.00 ng/ml



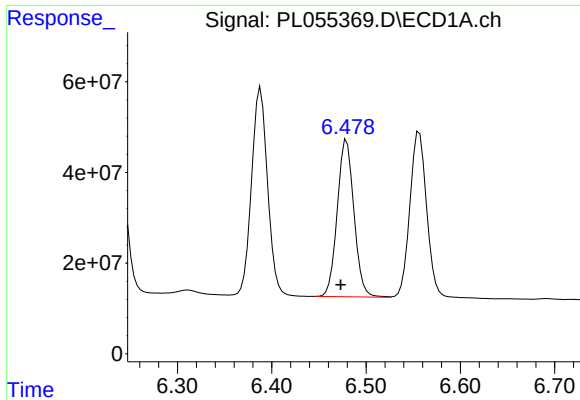
#16 4,4'-DDD

R.T.: 6.237 min
Delta R.T.: 0.007 min
Response: 487171421
Conc: 50.72 ng/ml



#16 4,4'-DDD

R.T.: 6.886 min
Delta R.T.: 0.006 min
Response: 103212829
Conc: 54.29 ng/ml



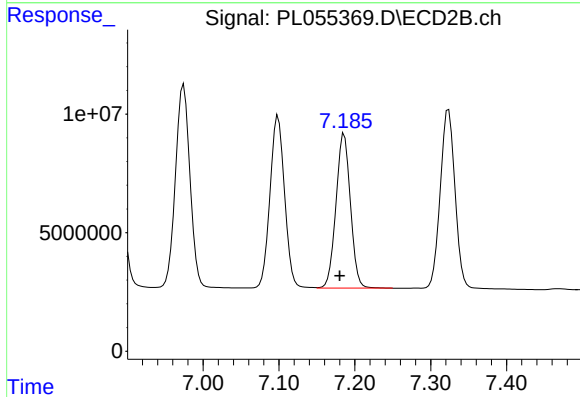
#17 4,4'-DDT

R.T.: 6.479 min
Delta R.T.: 0.006 min
Response: 427292455
Conc: 42.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB125779BS

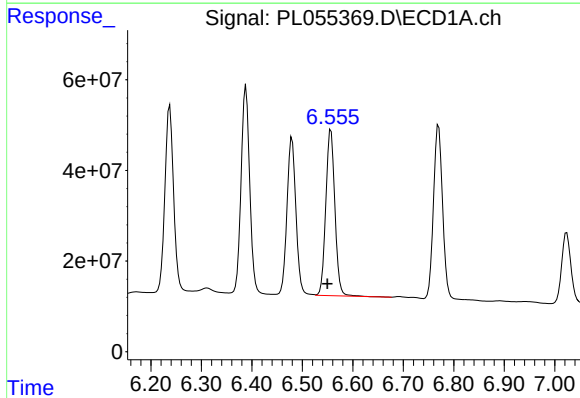
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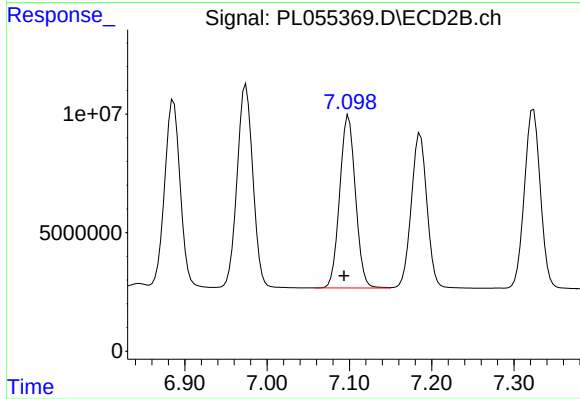
#17 4,4'-DDT

R.T.: 7.186 min
Delta R.T.: 0.006 min
Response: 86231647
Conc: 43.94 ng/ml



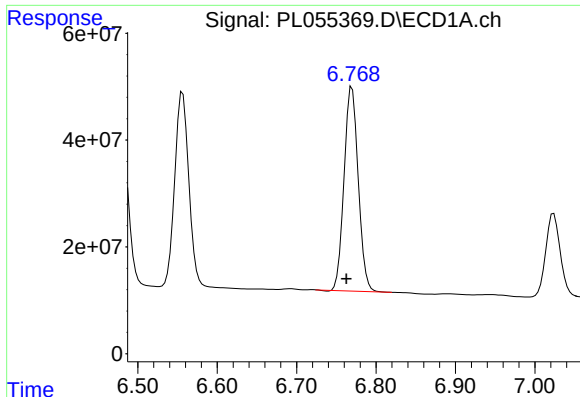
#18 Endrin aldehyde

R.T.: 6.556 min
Delta R.T.: 0.007 min
Response: 457694030
Conc: 46.99 ng/ml



#18 Endrin aldehyde

R.T.: 7.099 min
Delta R.T.: 0.005 min
Response: 96931564
Conc: 50.23 ng/ml



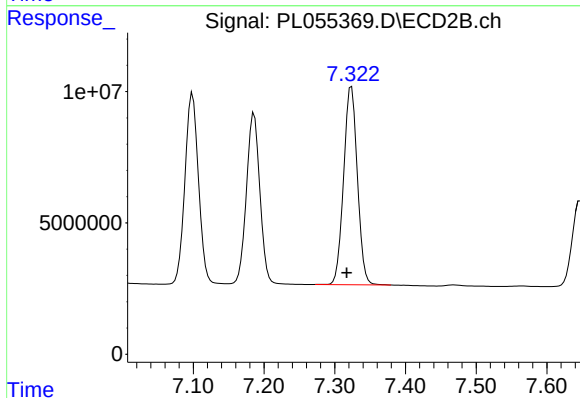
#19 Endosulfan Sulfate

R.T.: 6.770 min
Delta R.T.: 0.007 min
Response: 474275885
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB125779BS

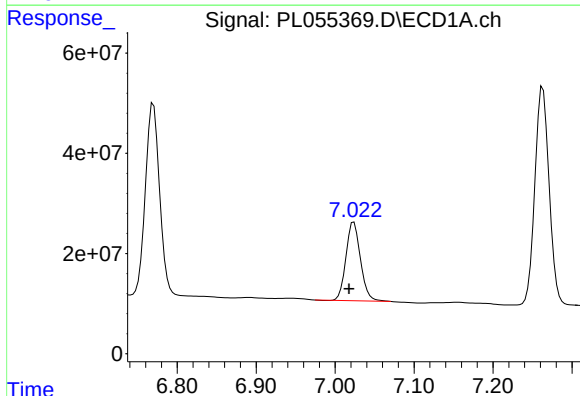
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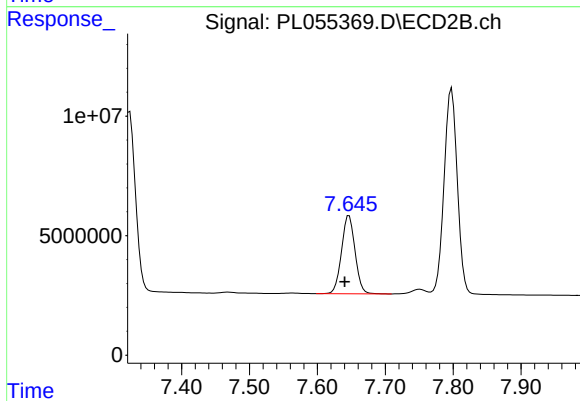
#19 Endosulfan Sulfate

R.T.: 7.324 min
Delta R.T.: 0.007 min
Response: 101946408
Conc: 48.81 ng/ml



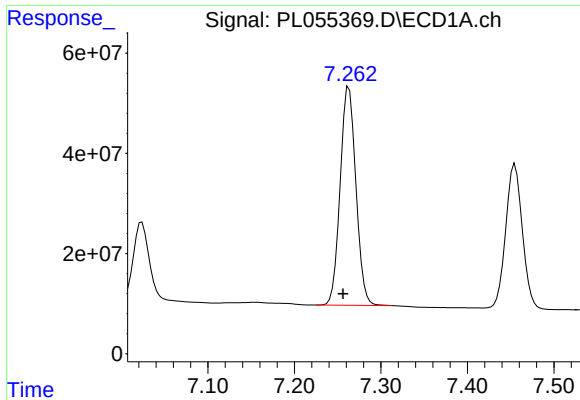
#20 Methoxychlor

R.T.: 7.024 min
Delta R.T.: 0.006 min
Response: 200307944
Conc: 41.56 ng/ml



#20 Methoxychlor

R.T.: 7.647 min
Delta R.T.: 0.007 min
Response: 45442507
Conc: 42.10 ng/ml



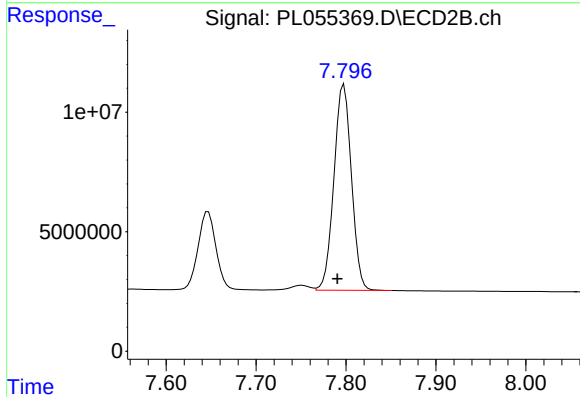
#21 Endrin ketone

R.T.: 7.263 min
Delta R.T.: 0.007 min
Response: 548789544
Conc: 52.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB125779BS

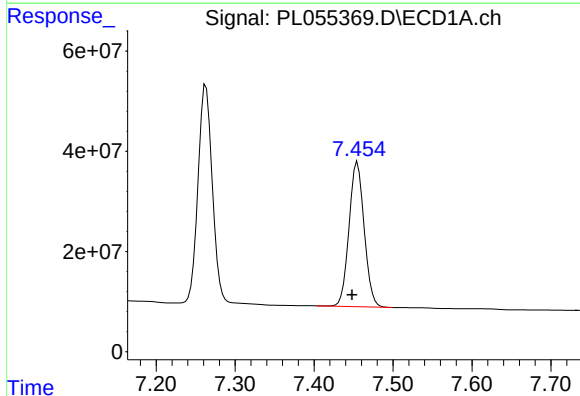
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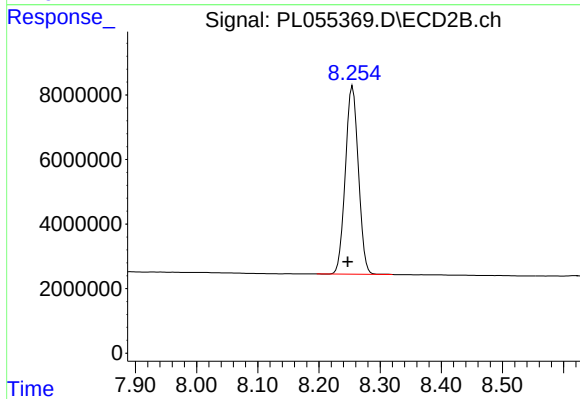
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: 0.007 min
Response: 116555484
Conc: 52.34 ng/ml



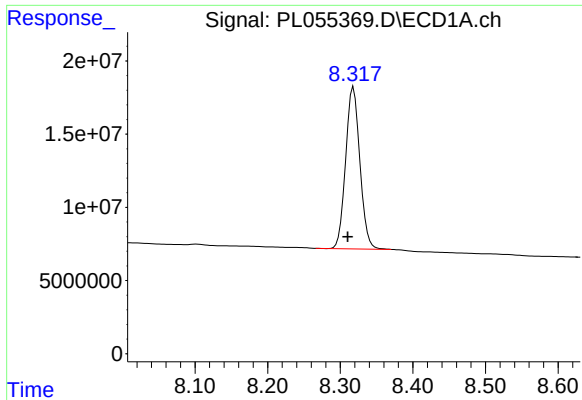
#22 Mirex

R.T.: 7.455 min
Delta R.T.: 0.007 min
Response: 385513506
Conc: 50.61 ng/ml



#22 Mirex

R.T.: 8.255 min
Delta R.T.: 0.008 min
Response: 86329192
Conc: 52.07 ng/ml



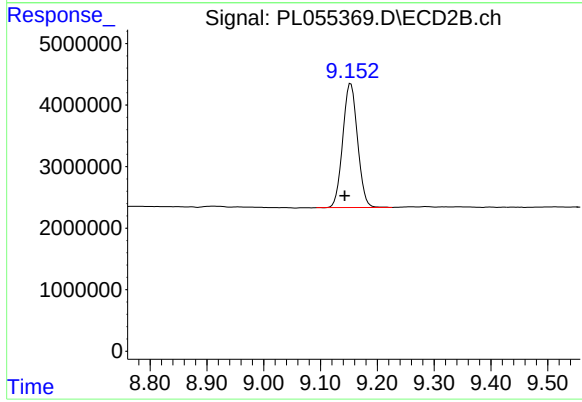
#28 Decachlorobiphenyl

R.T.: 8.318 min
Delta R.T.: 0.008 min
Response: 150683037
Conc: 16.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB125779BS

Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:46 AM



#28 Decachlorobiphenyl

R.T.: 9.153 min
Delta R.T.: 0.010 min
Response: 36526562
Conc: 16.55 ng/ml