

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102722\
 Data File : PL078553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2022 13:35
 Operator : AR\AJ
 Sample : PB148575BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB148575BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/27/2022
 Supervised By :Ankita Jodhani 10/27/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 21:40:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.329	2.570	35643505	48341279	18.691	18.934
28)	SA Decachlor...	8.782	7.644	30768606	38763958	20.453	20.466
Target Compounds							
2)	A alpha-BHC	3.790	3.057	135.4E6	174.5E6	47.152	44.189
3)	MA gamma-BHC...	4.122	3.378	124.6E6	159.4E6	46.650	44.340
4)	MA Heptachlor	4.694	3.706	129.0E6	159.5E6	49.695	46.004
5)	MB Aldrin	5.032	3.978	124.5E6	162.8E6	50.250	46.491
6)	B beta-BHC	4.337	3.678	49402390	60897686	42.885	42.442
7)	B delta-BHC	4.578	3.899	109.7E6	160.3E6	48.160	44.013
8)	B Heptachlo...	5.465	4.475	100.6E6	136.3E6	47.401	45.221
9)	A Endosulfan I	5.851	4.838	101.7E6	128.7E6	47.651	44.956
10)	B gamma-Chl...	5.721	4.723	110.5E6	136.8E6	48.954	44.640
11)	B alpha-Chl...	5.797	4.786	110.4E6	133.7E6	47.712	44.866
12)	B 4,4'-DDE	5.981	4.981	95457745	124.8E6	47.697	45.847
13)	MA Dieldrin	6.127	5.101	105.9E6	138.6E6	49.101	46.778
14)	MA Endrin	6.358	5.372	94086913	125.5E6	49.576	48.178
15)	B Endosulfa...	6.586	5.668	89020821	114.1E6	47.448m	50.120
16)	A 4,4'-DDD	6.505	5.532	74804635	100.1E6	44.873	45.555
17)	MA 4,4'-DDT	6.815	5.778	86136025	108.7E6	48.058	50.117
18)	B Endrin al...	6.718	5.847	74293790	93301885	51.059	49.714
19)	B Endosulfa...	6.952	6.069	85483744	112.4E6	46.460	47.200
20)	A Methoxychlor	7.300	6.356	44961072	56750400	48.824	50.009
21)	B Endrin ke...	7.439	6.566	89738194	121.8E6	47.698	47.109
22)	Mirex	7.896	6.739	70907059	91467066	48.573	46.478

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

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PB148575BS

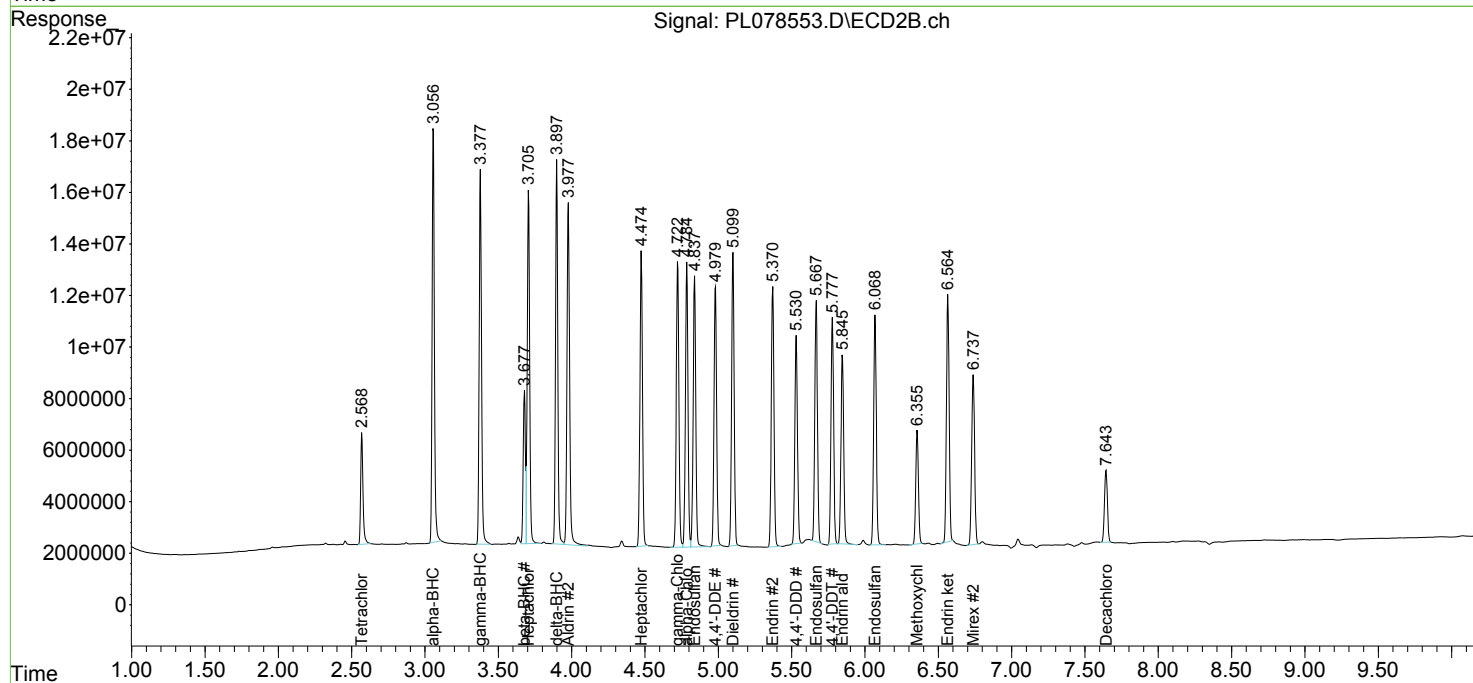
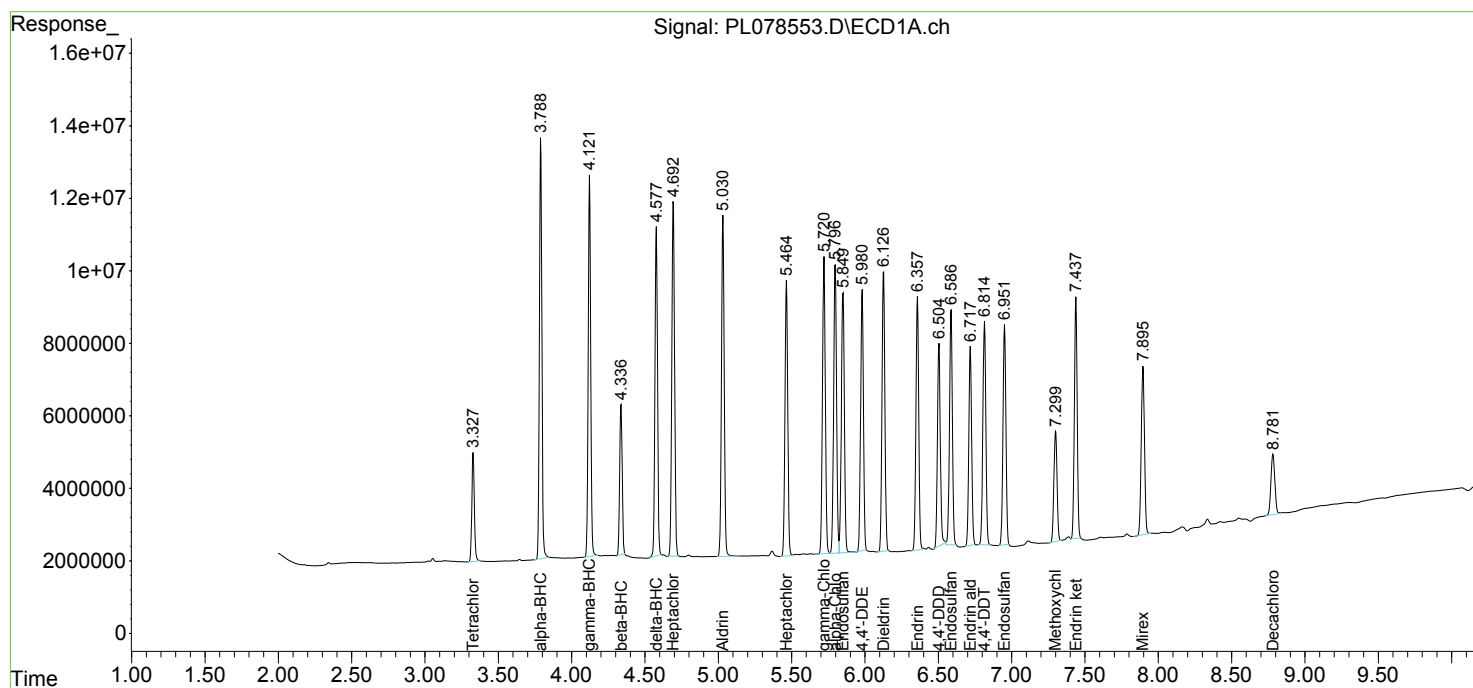
Manual Integrations

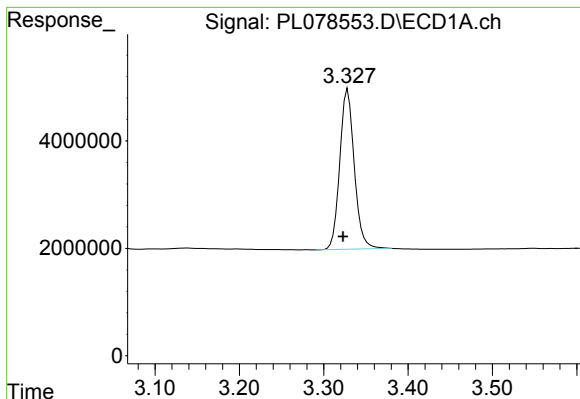
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 Supervised By : Ankita Jodhani 10/27/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 21:40:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
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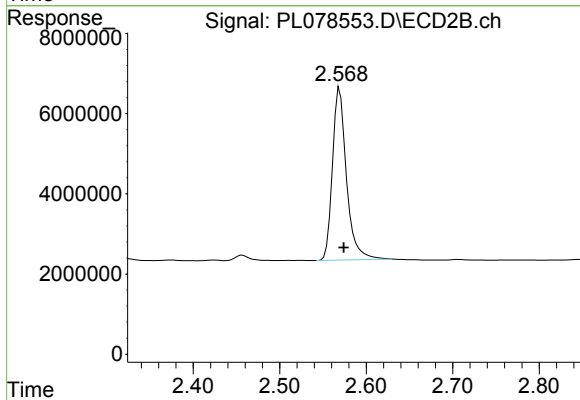
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: 0.006 min
Response: 35643505
Conc: 18.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148575BS

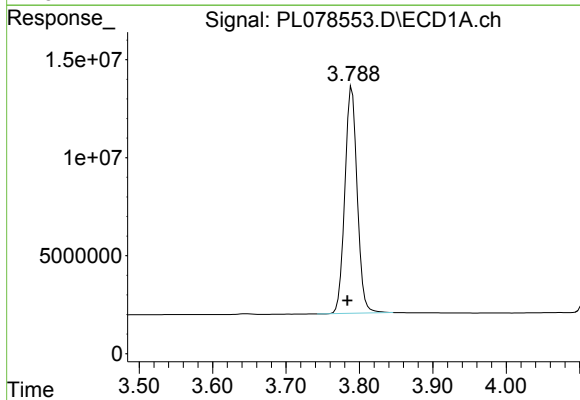
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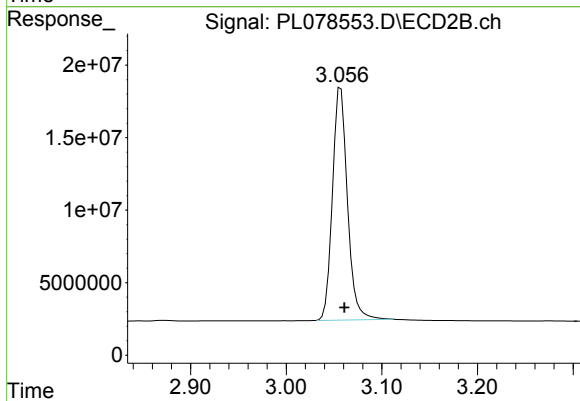
#1 Tetrachloro-m-xylene

R.T.: 2.570 min
Delta R.T.: -0.004 min
Response: 48341279
Conc: 18.93 ng/ml



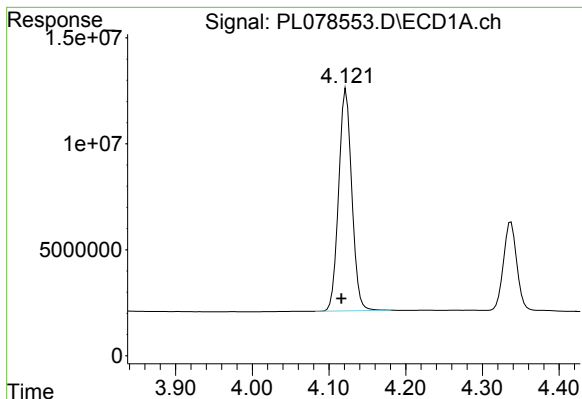
#2 alpha-BHC

R.T.: 3.790 min
Delta R.T.: 0.006 min
Response: 135392211
Conc: 47.15 ng/ml



#2 alpha-BHC

R.T.: 3.057 min
Delta R.T.: -0.004 min
Response: 174505545
Conc: 44.19 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.122 min
Delta R.T.: 0.006 min
Response: 124635937
Conc: 46.65 ng/ml

Instrument :

ECD_L

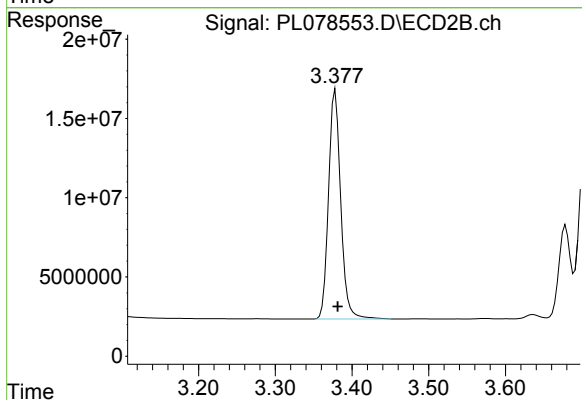
ClientSampleId :

PB148575BS

Manual Integrations

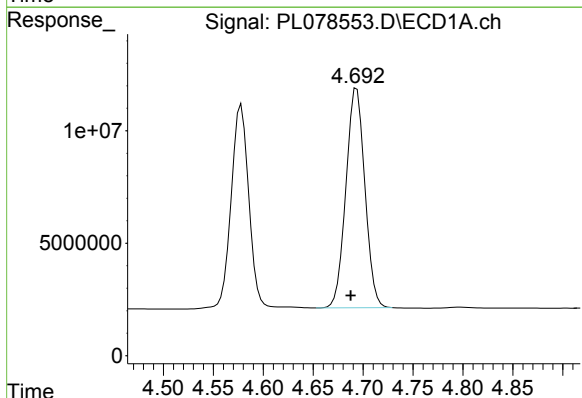
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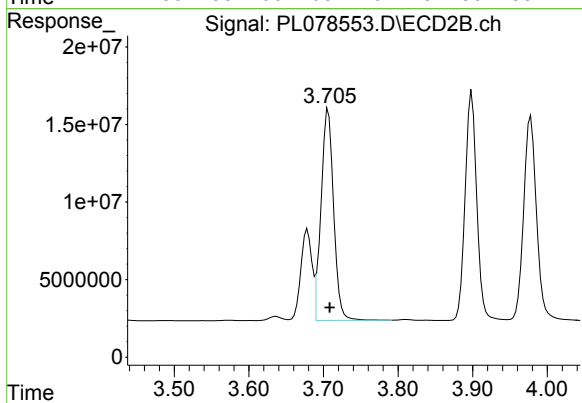
#3 gamma-BHC (Lindane)

R.T.: 3.378 min
Delta R.T.: -0.003 min
Response: 159365372
Conc: 44.34 ng/ml



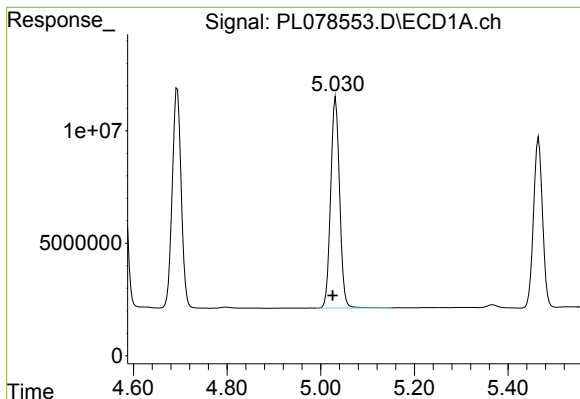
#4 Heptachlor

R.T.: 4.694 min
Delta R.T.: 0.006 min
Response: 129009748
Conc: 49.70 ng/ml



#4 Heptachlor

R.T.: 3.706 min
Delta R.T.: -0.002 min
Response: 159533857
Conc: 46.00 ng/ml



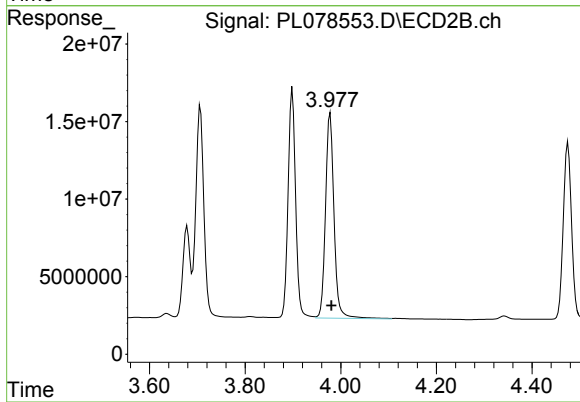
#5 Aldrin

R.T.: 5.032 min
Delta R.T.: 0.006 min
Response: 124455214
Conc: 50.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148575BS

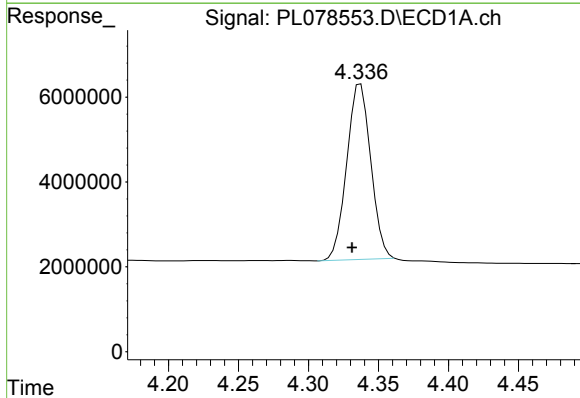
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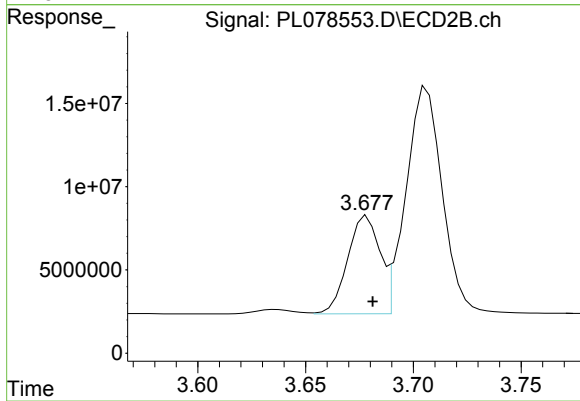
#5 Aldrin

R.T.: 3.978 min
Delta R.T.: -0.002 min
Response: 162797183
Conc: 46.49 ng/ml



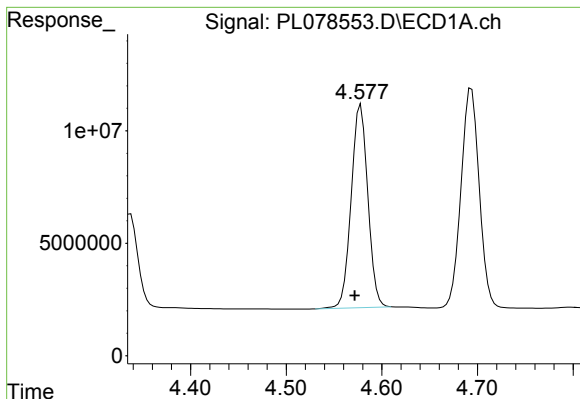
#6 beta-BHC

R.T.: 4.337 min
Delta R.T.: 0.006 min
Response: 49402390
Conc: 42.89 ng/ml



#6 beta-BHC

R.T.: 3.678 min
Delta R.T.: -0.003 min
Response: 60897686
Conc: 42.44 ng/ml



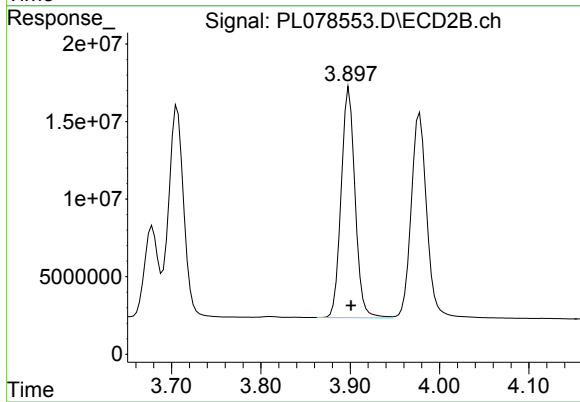
#7 delta-BHC

R.T.: 4.578 min
Delta R.T.: 0.006 min
Response: 109653624
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148575BS

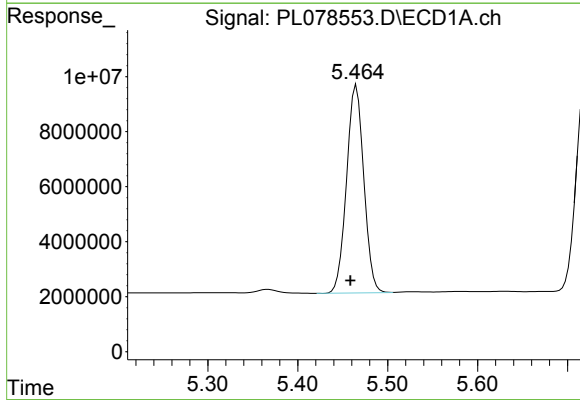
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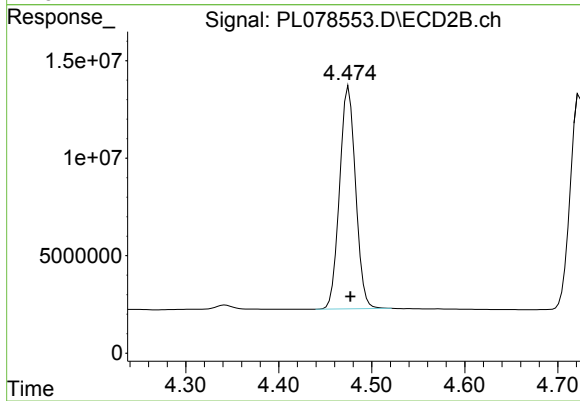
#7 delta-BHC

R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 160267039
Conc: 44.01 ng/ml



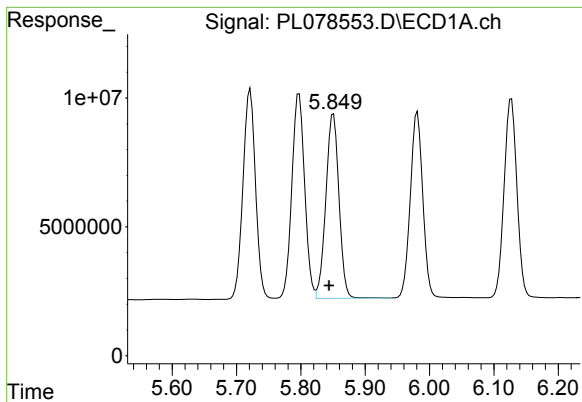
#8 Heptachlor epoxide

R.T.: 5.465 min
Delta R.T.: 0.007 min
Response: 100633227
Conc: 47.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.475 min
Delta R.T.: -0.002 min
Response: 136260448
Conc: 45.22 ng/ml



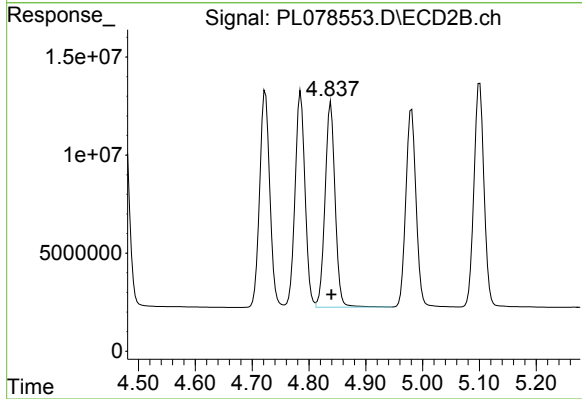
#9 Endosulfan I

R.T.: 5.851 min
Delta R.T.: 0.007 min
Response: 101666246
Conc: 47.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148575BS

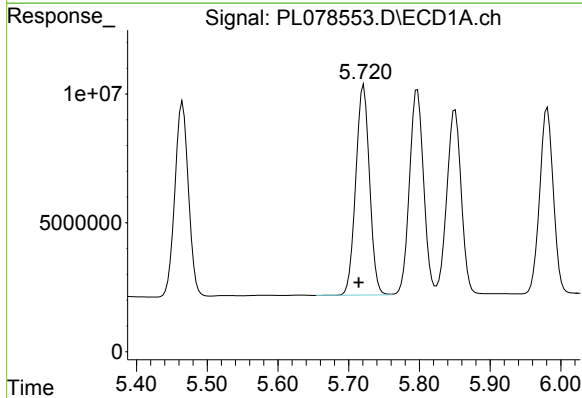
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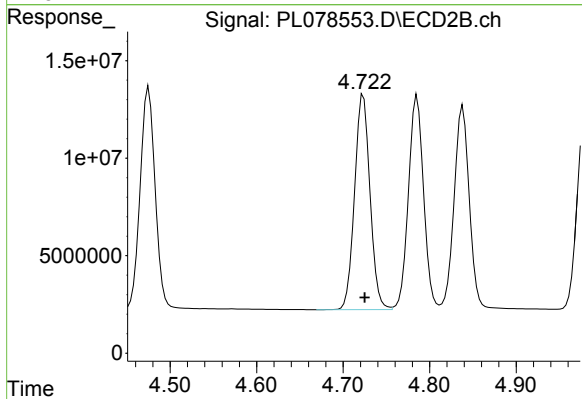
#9 Endosulfan I

R.T.: 4.838 min
Delta R.T.: -0.001 min
Response: 128693486
Conc: 44.96 ng/ml



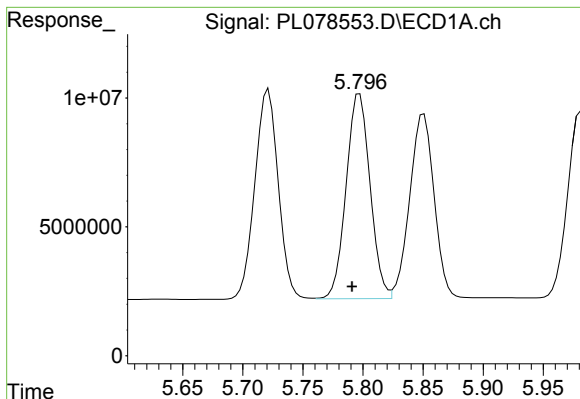
#10 gamma-Chlordane

R.T.: 5.721 min
Delta R.T.: 0.007 min
Response: 110496289
Conc: 48.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.723 min
Delta R.T.: -0.002 min
Response: 136797978
Conc: 44.64 ng/ml



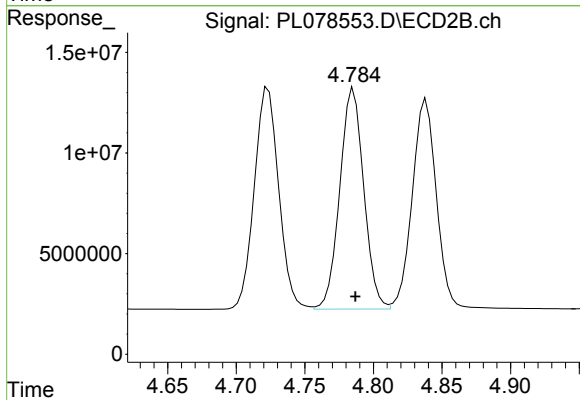
#11 alpha-Chlordane

R.T.: 5.797 min
Delta R.T.: 0.006 min
Response: 110396490
Conc: 47.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148575BS

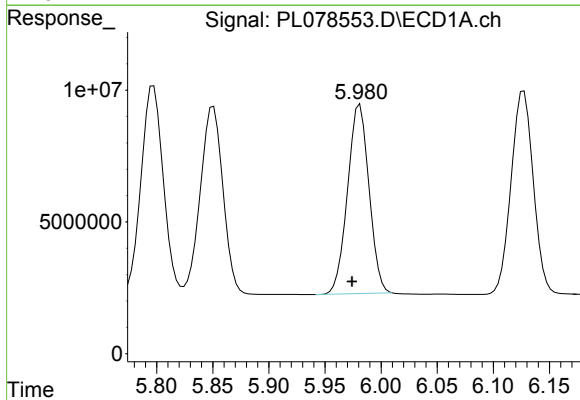
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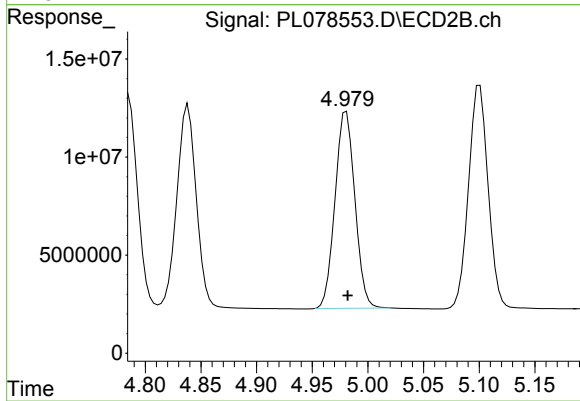
#11 alpha-Chlordane

R.T.: 4.786 min
Delta R.T.: -0.001 min
Response: 133716924
Conc: 44.87 ng/ml



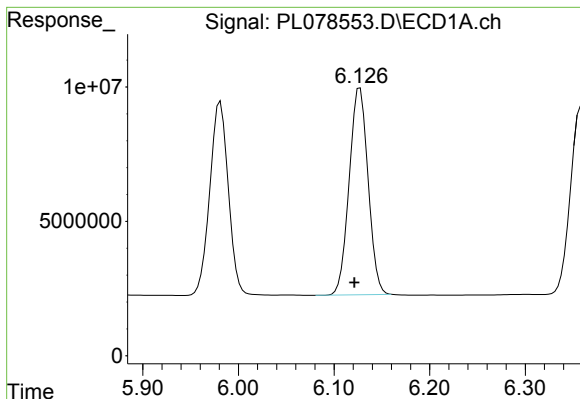
#12 4,4'-DDE

R.T.: 5.981 min
Delta R.T.: 0.007 min
Response: 95457745
Conc: 47.70 ng/ml



#12 4,4'-DDE

R.T.: 4.981 min
Delta R.T.: -0.001 min
Response: 124819628
Conc: 45.85 ng/ml



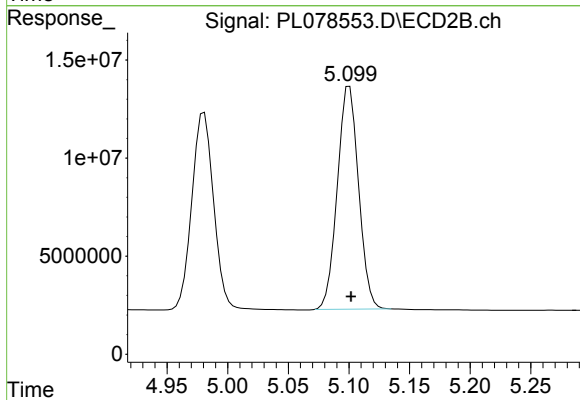
#13 Dieldrin

R.T.: 6.127 min
Delta R.T.: 0.006 min
Response: 105886619
Conc: 49.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148575BS

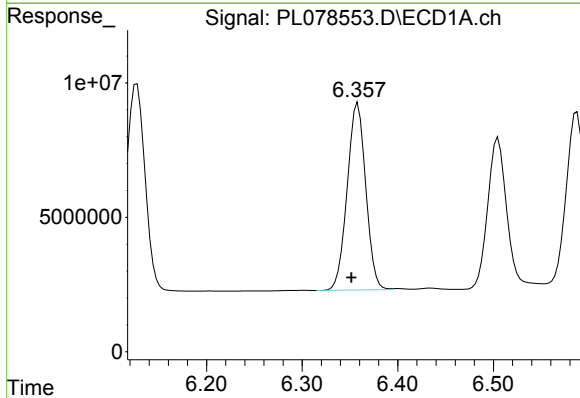
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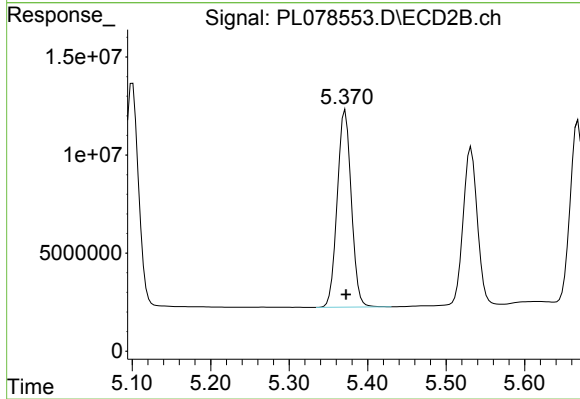
#13 Dieldrin

R.T.: 5.101 min
Delta R.T.: -0.001 min
Response: 138608999
Conc: 46.78 ng/ml



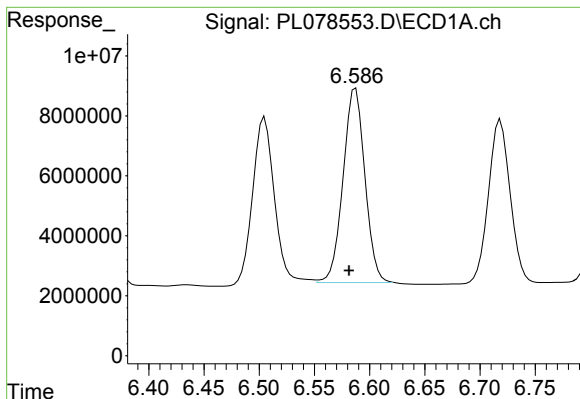
#14 Endrin

R.T.: 6.358 min
Delta R.T.: 0.007 min
Response: 94086913
Conc: 49.58 ng/ml



#14 Endrin

R.T.: 5.372 min
Delta R.T.: -0.001 min
Response: 125515359
Conc: 48.18 ng/ml



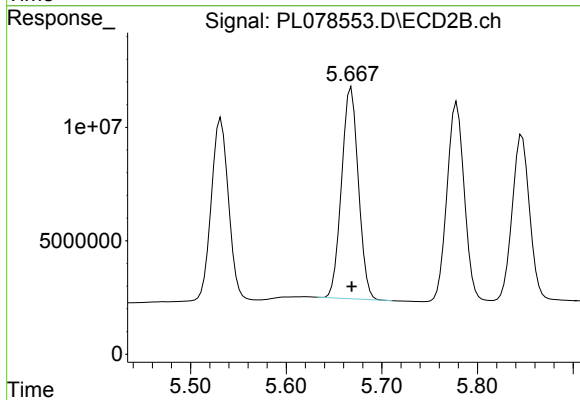
#15 Endosulfan II

R.T.: 6.586 min
Delta R.T.: 0.005 min
Response: 89020821
Conc: 47.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148575BS

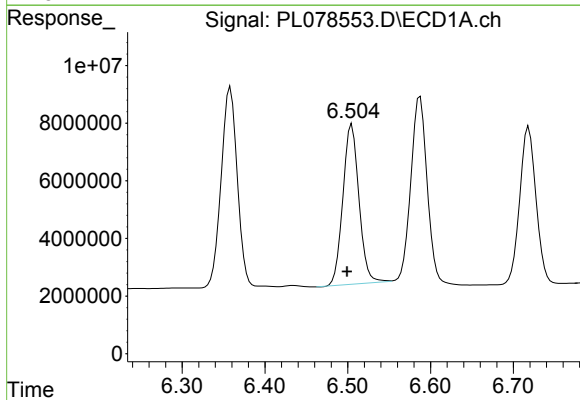
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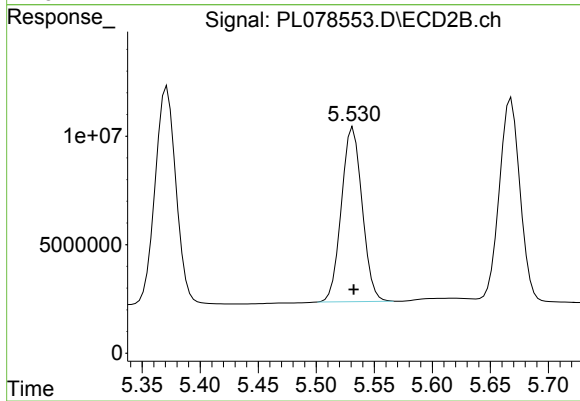
#15 Endosulfan II

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 114086709
Conc: 50.12 ng/ml



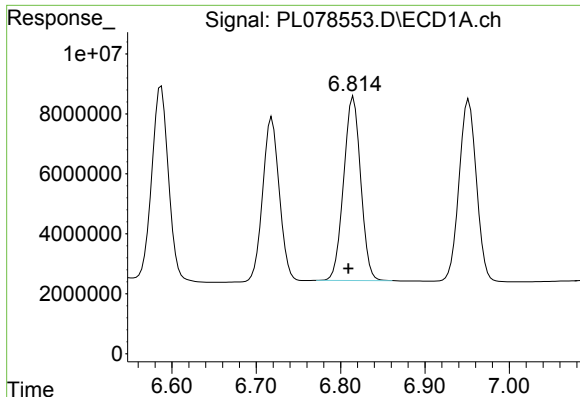
#16 4,4'-DDD

R.T.: 6.505 min
Delta R.T.: 0.006 min
Response: 74804635
Conc: 44.87 ng/ml



#16 4,4'-DDD

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 100056644
Conc: 45.56 ng/ml



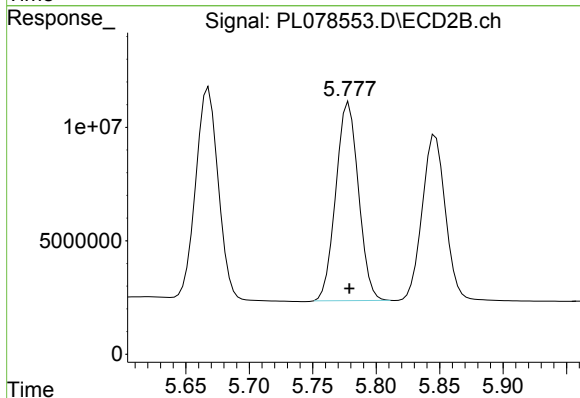
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: 0.006 min
Response: 86136025
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148575BS

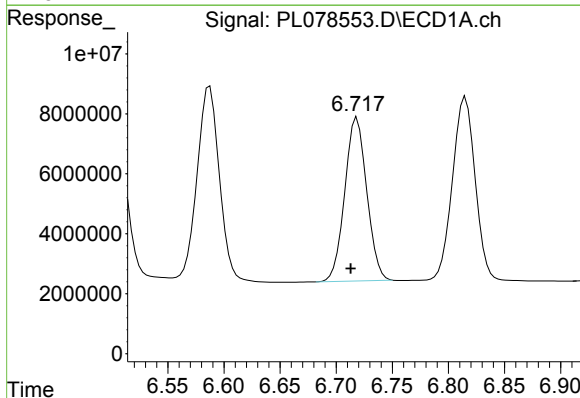
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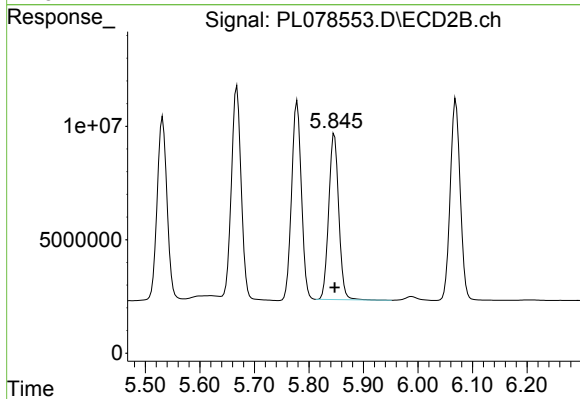
#17 4,4'-DDT

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 108709507
Conc: 50.12 ng/ml



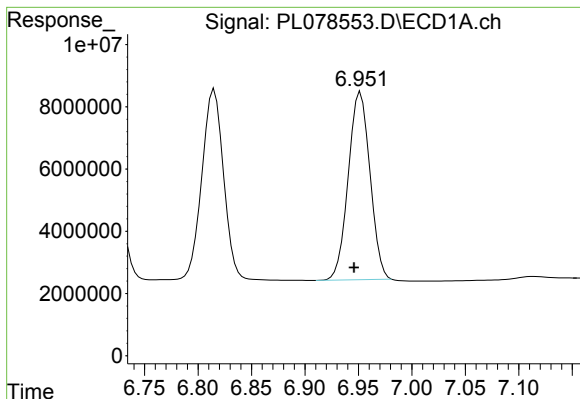
#18 Endrin aldehyde

R.T.: 6.718 min
Delta R.T.: 0.006 min
Response: 74293790
Conc: 51.06 ng/ml



#18 Endrin aldehyde

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 93301885
Conc: 49.71 ng/ml



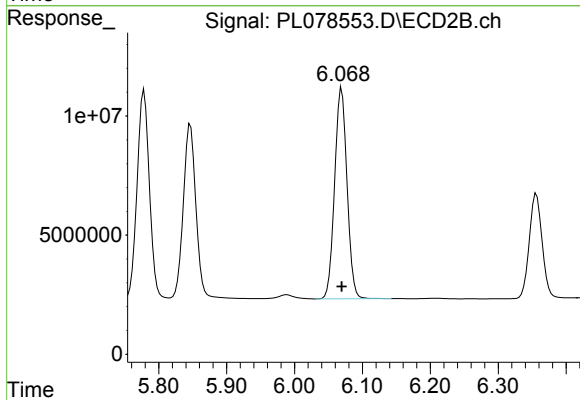
#19 Endosulfan Sulfate

R.T.: 6.952 min
Delta R.T.: 0.006 min
Response: 85483744
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148575BS

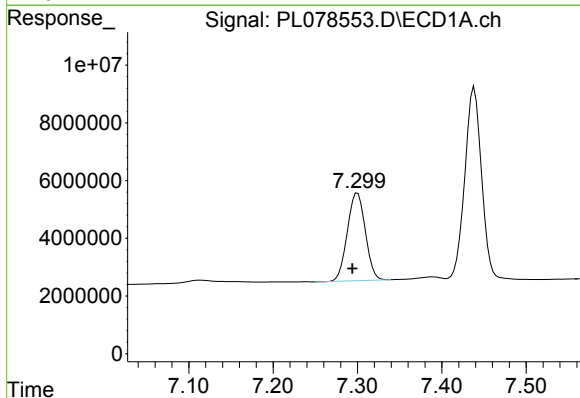
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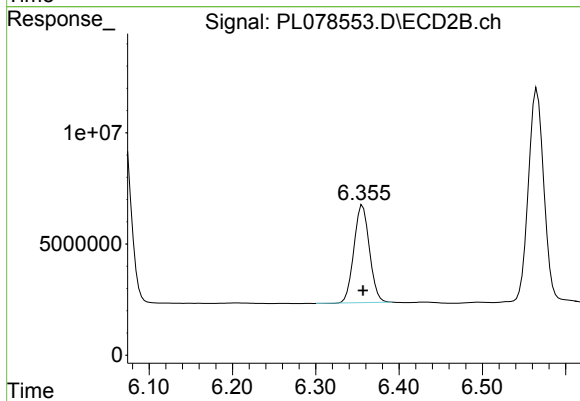
#19 Endosulfan Sulfate

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 112358960
Conc: 47.20 ng/ml



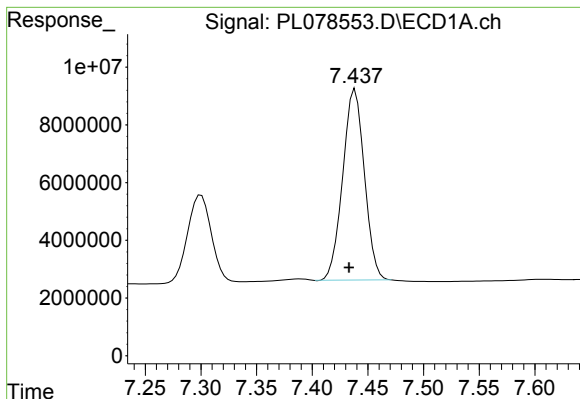
#20 Methoxychlor

R.T.: 7.300 min
Delta R.T.: 0.006 min
Response: 44961072
Conc: 48.82 ng/ml



#20 Methoxychlor

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 56750400
Conc: 50.01 ng/ml



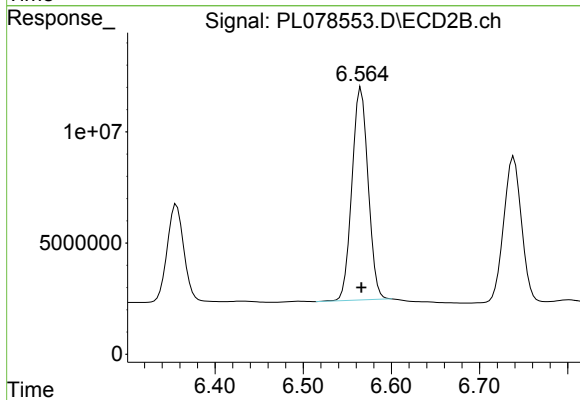
#21 Endrin ketone

R.T.: 7.439 min
Delta R.T.: 0.006 min
Response: 89738194
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148575BS

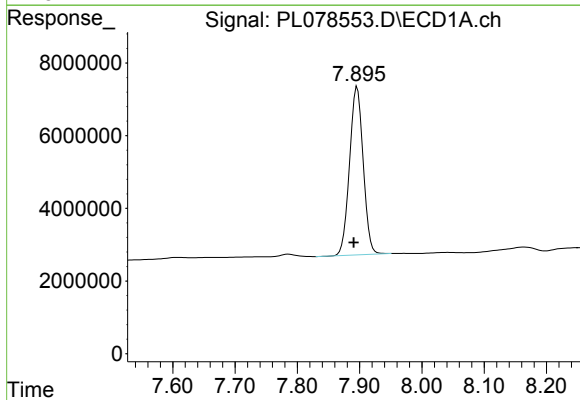
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Supervised By :Ankita Jodhani 10/27/2022



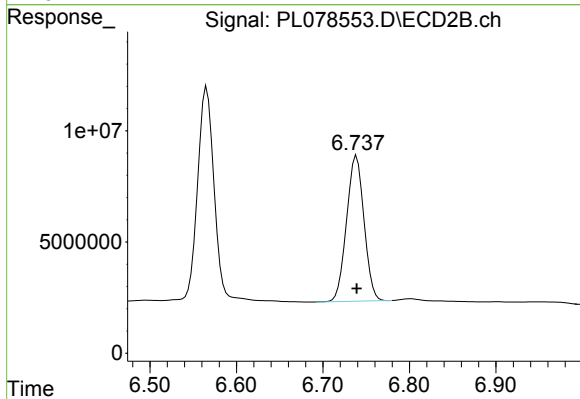
#21 Endrin ketone

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 121763805
Conc: 47.11 ng/ml



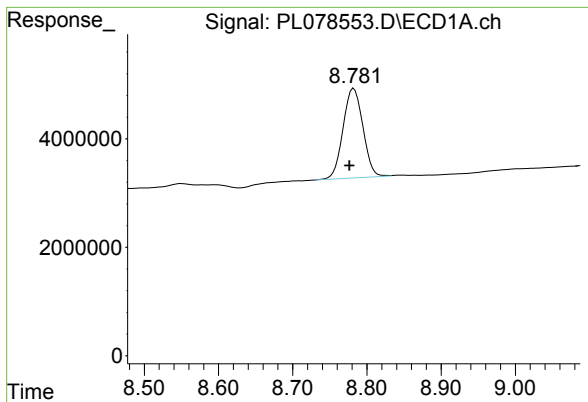
#22 Mirex

R.T.: 7.896 min
Delta R.T.: 0.006 min
Response: 70907059
Conc: 48.57 ng/ml



#22 Mirex

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 91467066
Conc: 46.48 ng/ml



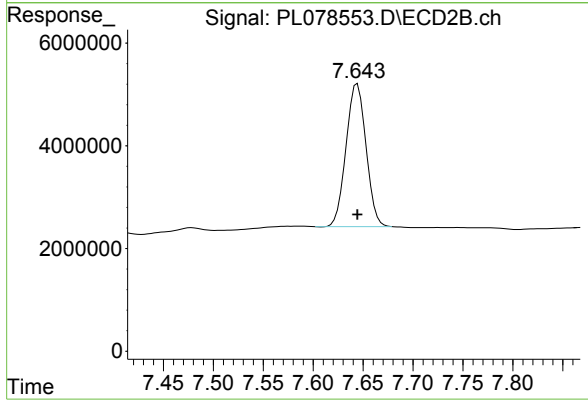
#28 Decachlorobiphenyl

R.T.: 8.782 min
Delta R.T.: 0.006 min
Response: 30768606
Conc: 20.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148575BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2022
Supervised By :Ankita Jodhani 10/27/2022



#28 Decachlorobiphenyl

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 38763958
Conc: 20.47 ng/ml