

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030519\
 Data File : PL045468.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2019 13:52
 Operator : AJ\SJ
 Sample : K1705-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EXT-028-SW002-022719MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 00:08:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 27 17:00:03 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...	3.363	3.982	121.1E6	35018359	17.601	16.352
28)	SA Decachlor...	8.046	9.041	91036769	25551102	10.880	11.182
Target Compounds							
2)	A alpha-BHC	3.793	4.372	489.7E6	135.6E6	44.091	44.618
3)	MA gamma-BHC...	4.071	4.657	451.8E6	126.1E6	44.697	44.643
4)	MA Heptachlor	4.359	5.164	460.3E6	130.5E6	43.625	43.867
5)	MB Aldrin	4.599	5.468	427.4E6	118.0E6	43.938	43.688
6)	B beta-BHC	4.324	4.828	184.3E6	56321060	42.999	44.349
7)	B delta-BHC	4.519	5.045	420.6E6	89765174	44.011	41.734
8)	B Heptachlo...	5.037	5.854	400.4E6	102.3E6	42.897	42.611
9)	A Endosulfan I	5.369	6.211	360.8E6	104.3E6	40.360	41.869
10)	B gamma-Chl...	5.260	6.089	443.3E6	120.7E6	45.298	45.005
11)	B alpha-Chl...	5.316	6.162	426.6E6	125.2E6	43.997	46.394
12)	B 4,4'-DDE	5.484	6.319	856.2E6	227.3E6	97.537	97.316
13)	MA Dieldrin	5.609	6.468	731.3E6	191.4E6	76.507	74.497
14)	MA Endrin	5.863	6.683	432.7E6	96001923	48.049	42.193m
15)	B Endosulfa...	6.137	6.895	362.2E6	98458911	41.784	41.868
16)	A 4,4'-DDD	5.995	6.809	310.7E6	86826062	42.430	45.149
17)	MA 4,4'-DDT	6.231	7.107	875.7E6	226.2E6	116.761	114.640
18)	B Endrin al...	6.304	7.019	287.3E6	80881094	39.310	39.566
19)	B Endosulfa...	6.516	7.242	319.3E6	91559287	39.279	40.702
20)	A Methoxychlor	6.776	7.565	164.2E6	45676573	37.389	37.214
21)	B Endrin ke...	6.999	7.711	376.3E6	98583802	40.844	41.450
22)	Mirex	7.176	8.165	286.2E6	80953209	38.468	40.646

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030519\
Data File : PL045468.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2019 13:52
Operator : AJ\SJ
Sample : K1705-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

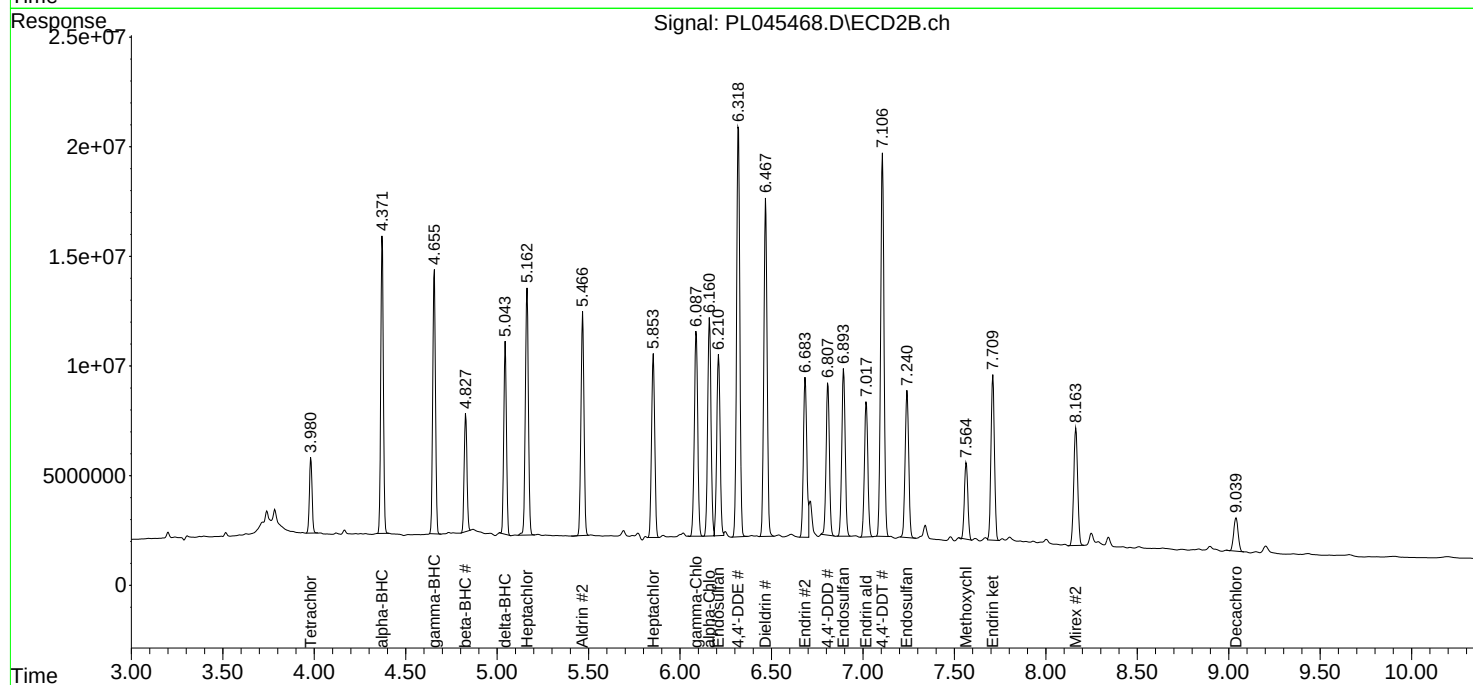
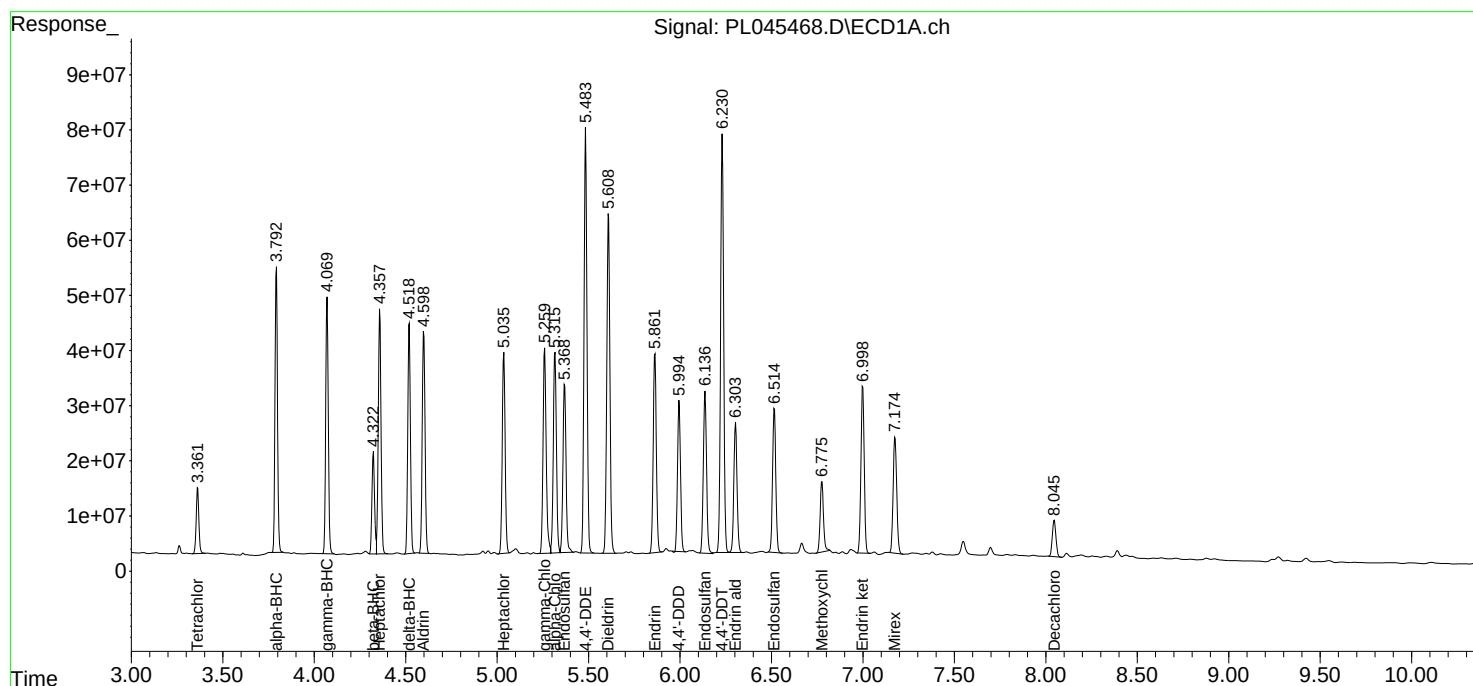
Instrument :
ECD_L
ClientSampleId :
EXT-028-SW002-022719MSD

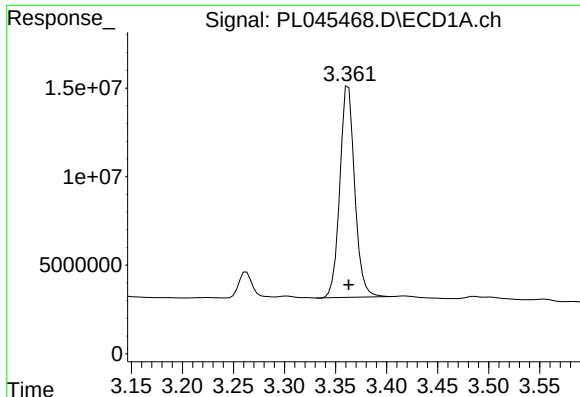
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 00:08:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 2019
Response 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





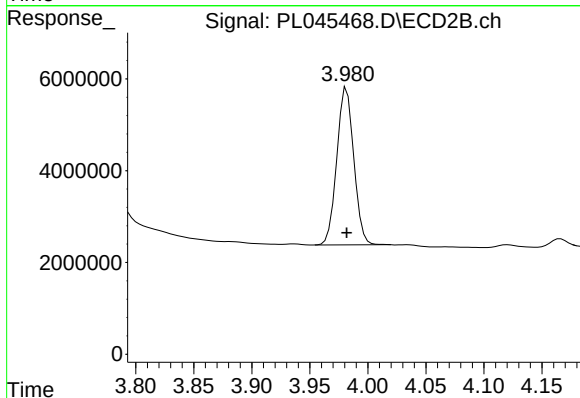
#1 Tetrachloro-m-xylene

R.T.: 3.363 min
Delta R.T.: 0.000 min
Response: 121080565
Conc: 17.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-028-SW002-022719MSD

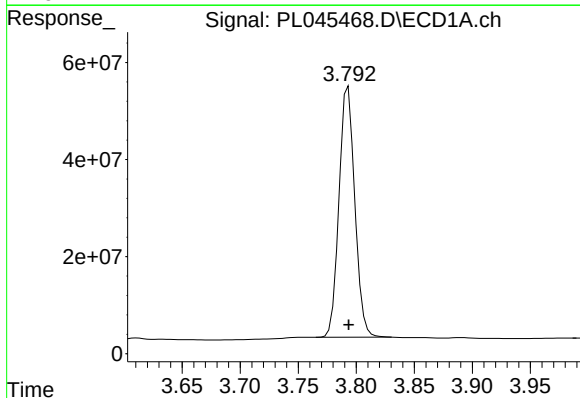
Manual Integrations
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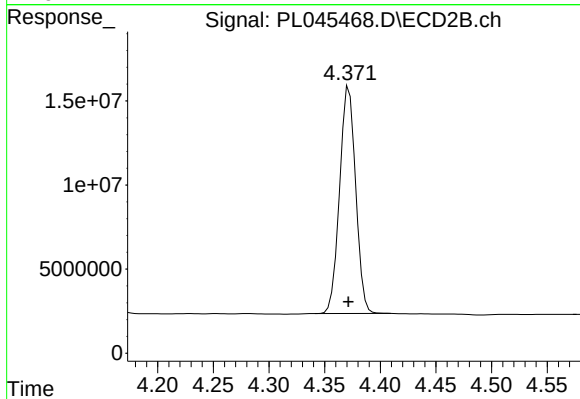
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 35018359
Conc: 16.35 ng/ml



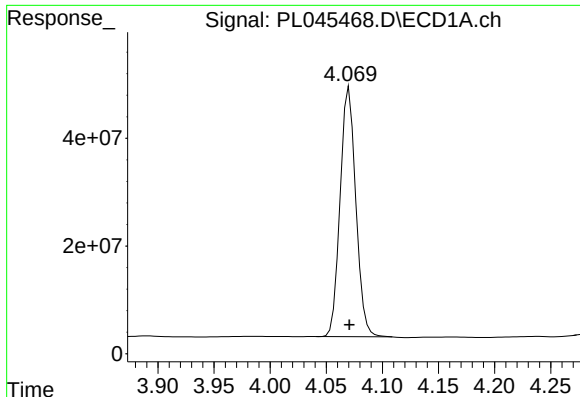
#2 alpha-BHC

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 489734795
Conc: 44.09 ng/ml



#2 alpha-BHC

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 135578662
Conc: 44.62 ng/ml



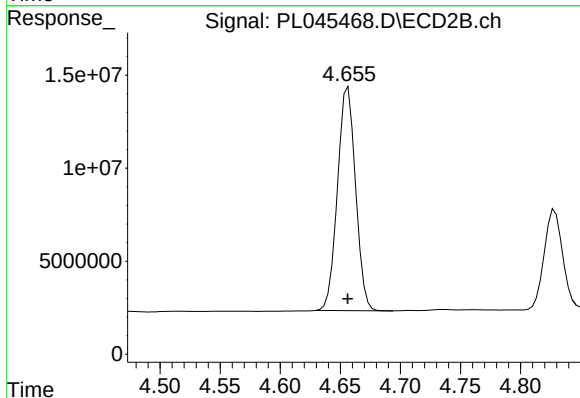
#3 gamma-BHC (Lindane)

R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 451758383
Conc: 44.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-028-SW002-022719MSD

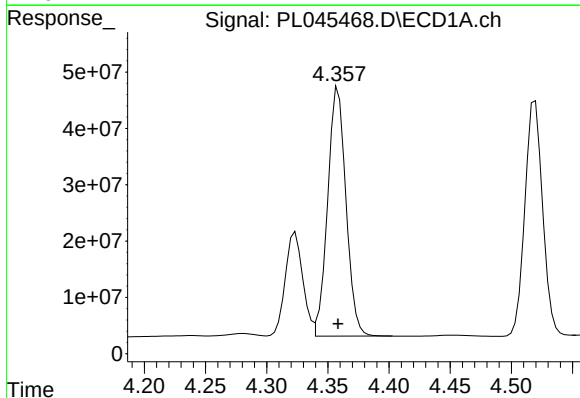
Manual Integrations
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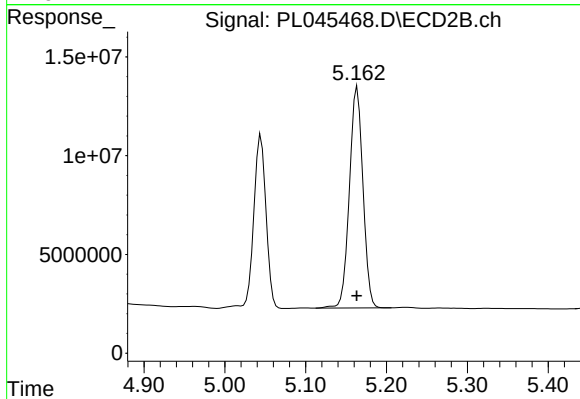
#3 gamma-BHC (Lindane)

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 126098673
Conc: 44.64 ng/ml



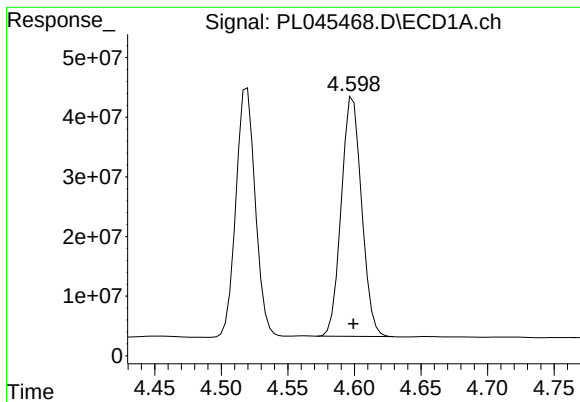
#4 Heptachlor

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 460341391
Conc: 43.62 ng/ml



#4 Heptachlor

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 130502068
Conc: 43.87 ng/ml



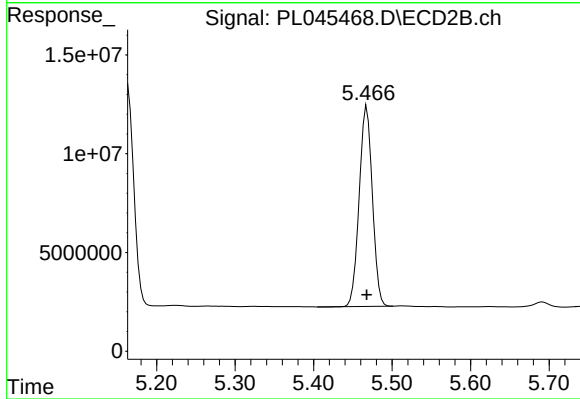
#5 Aldrin

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 427354621
Conc: 43.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-028-SW002-022719MSD

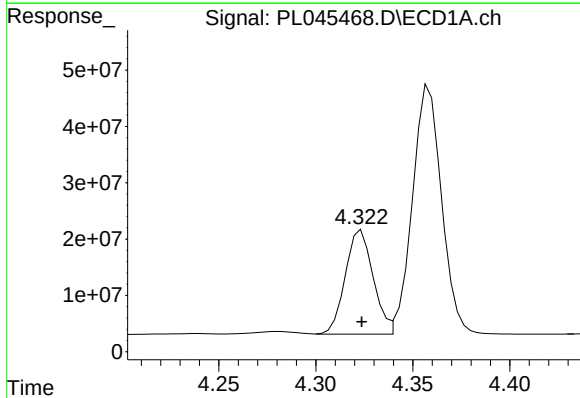
Manual Integrations
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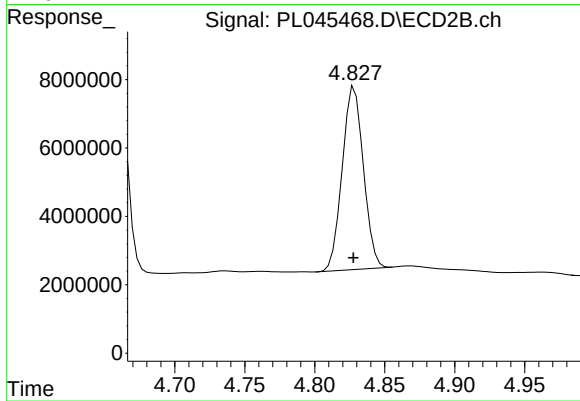
#5 Aldrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 117999966
Conc: 43.69 ng/ml



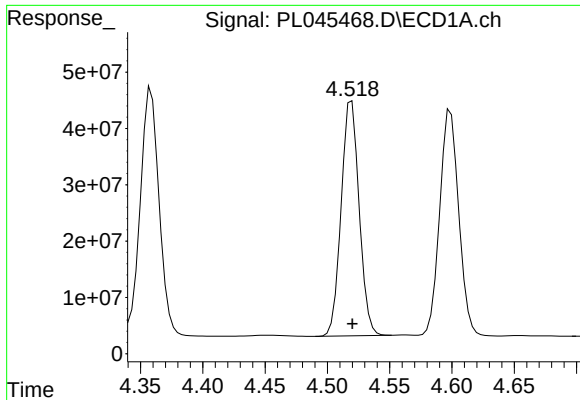
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 184297219
Conc: 43.00 ng/ml



#6 beta-BHC

R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 56321060
Conc: 44.35 ng/ml



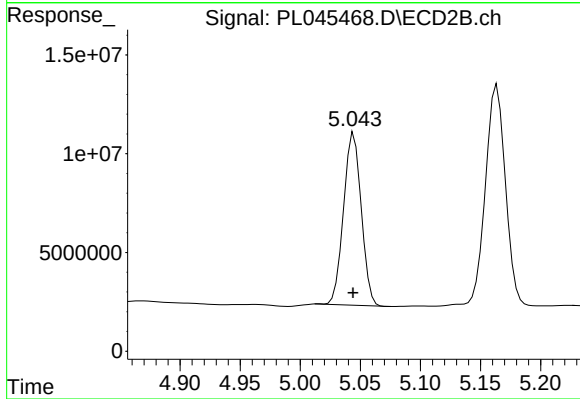
#7 delta-BHC

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 420648856
Conc: 44.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-028-SW002-022719MSD

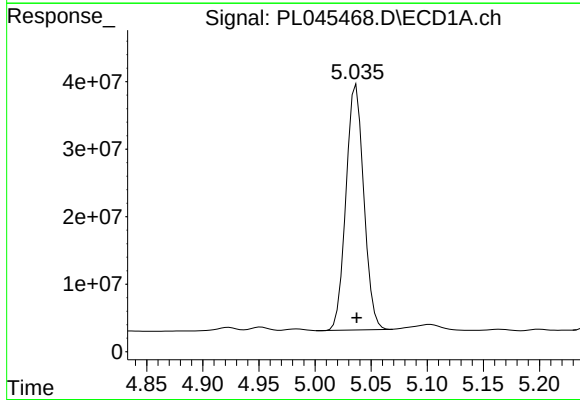
Manual Integrations
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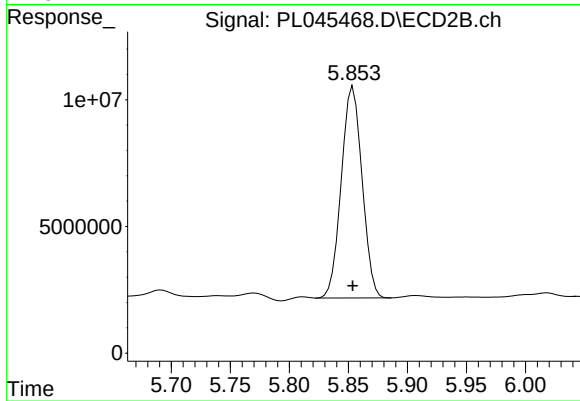
#7 delta-BHC

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 89765174
Conc: 41.73 ng/ml



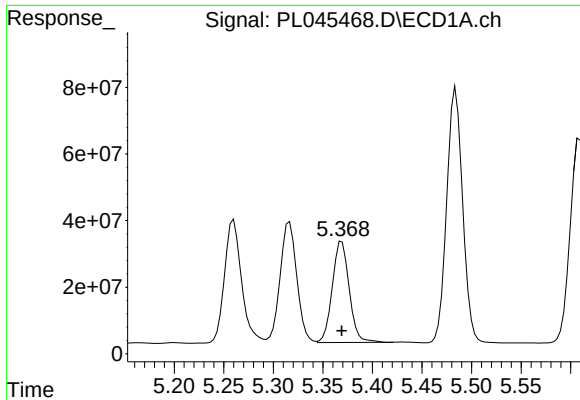
#8 Heptachlor epoxide

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 400360457
Conc: 42.90 ng/ml



#8 Heptachlor epoxide

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 102349268
Conc: 42.61 ng/ml



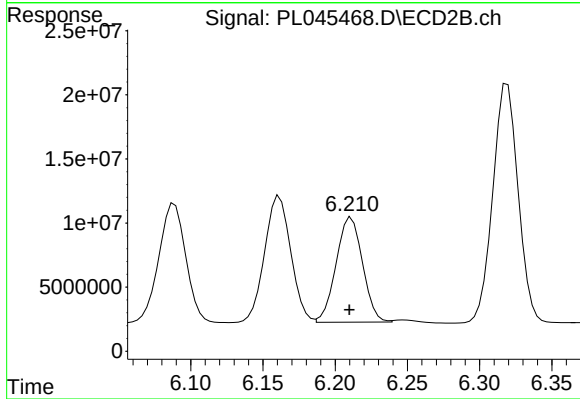
#9 Endosulfan I

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 360752737
Conc: 40.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-028-SW002-022719MSD

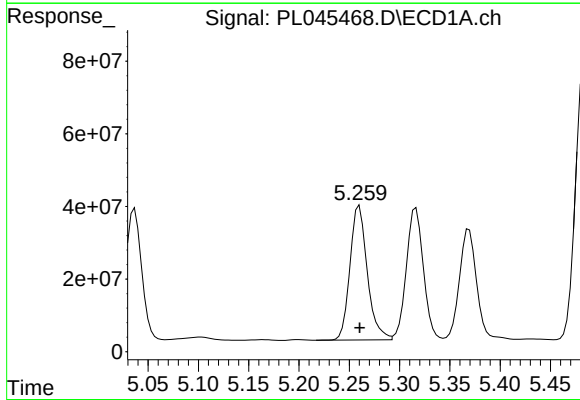
Manual Integrations
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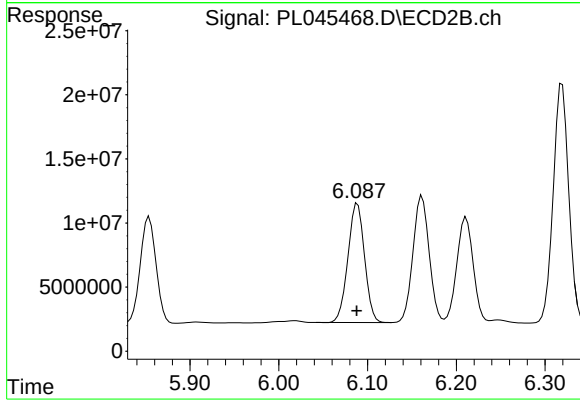
#9 Endosulfan I

R.T.: 6.211 min
Delta R.T.: 0.001 min
Response: 104266551
Conc: 41.87 ng/ml



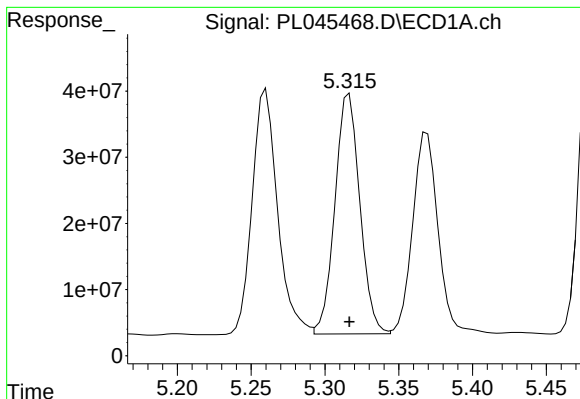
#10 gamma-Chlordane

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 443327095
Conc: 45.30 ng/ml



#10 gamma-Chlordane

R.T.: 6.089 min
Delta R.T.: 0.001 min
Response: 120744911
Conc: 45.00 ng/ml



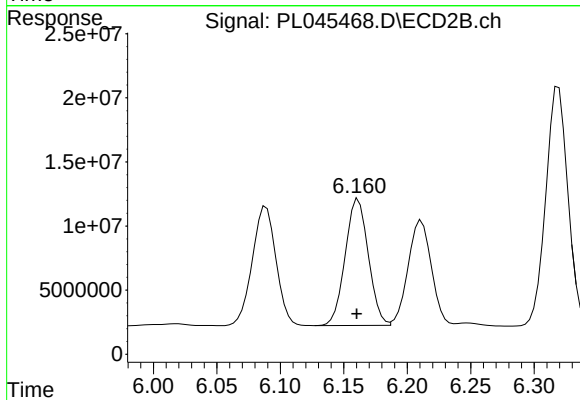
#11 alpha-Chlordane

R.T.: 5.316 min
Delta R.T.: 0.000 min
Response: 426633639
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-028-SW002-022719MSD

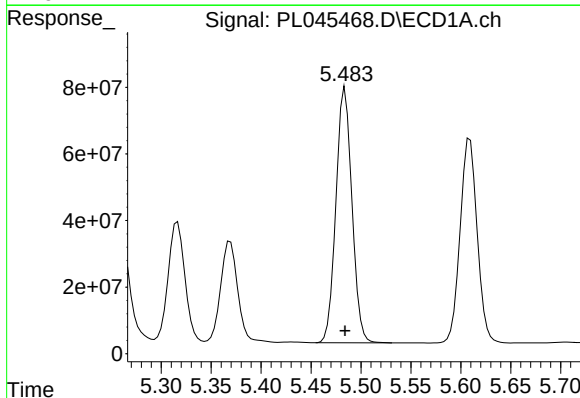
Manual Integrations
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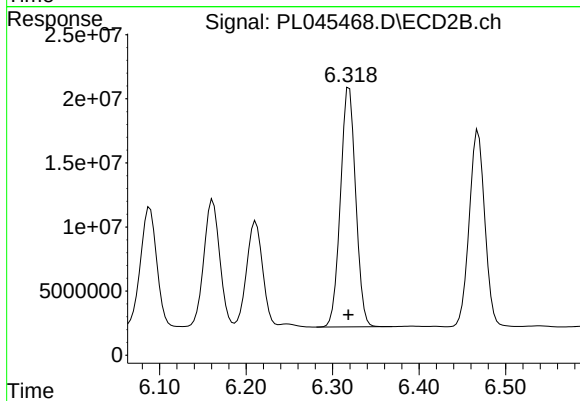
#11 alpha-Chlordane

R.T.: 6.162 min
Delta R.T.: 0.001 min
Response: 125157061
Conc: 46.39 ng/ml



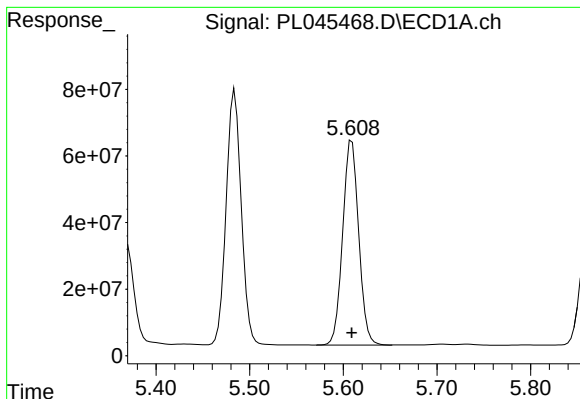
#12 4,4'-DDE

R.T.: 5.484 min
Delta R.T.: 0.000 min
Response: 856197432
Conc: 97.54 ng/ml



#12 4,4'-DDE

R.T.: 6.319 min
Delta R.T.: 0.001 min
Response: 227321350
Conc: 97.32 ng/ml



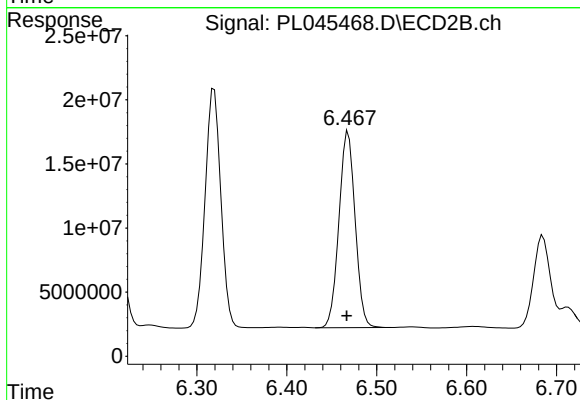
#13 Dieldrin

R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 731252588
Conc: 76.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-028-SW002-022719MSD

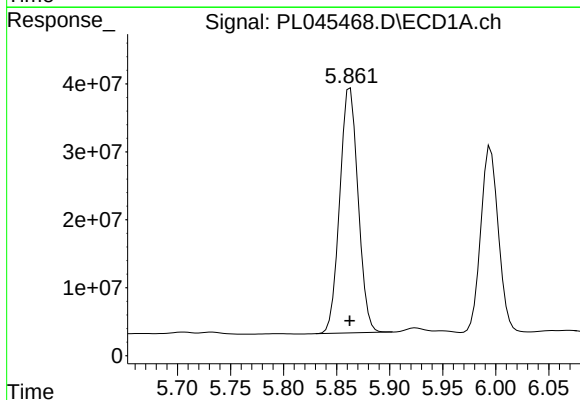
Manual Integrations
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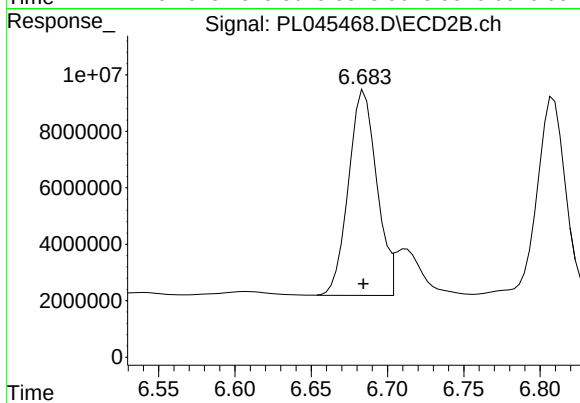
#13 Dieldrin

R.T.: 6.468 min
Delta R.T.: 0.002 min
Response: 191436779
Conc: 74.50 ng/ml



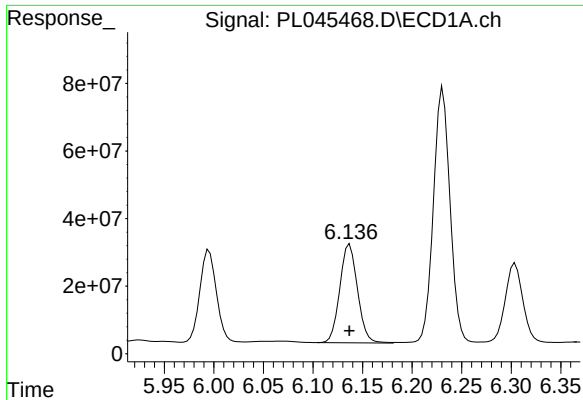
#14 Endrin

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 432720465
Conc: 48.05 ng/ml



#14 Endrin

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 96001923
Conc: 42.19 ng/ml m



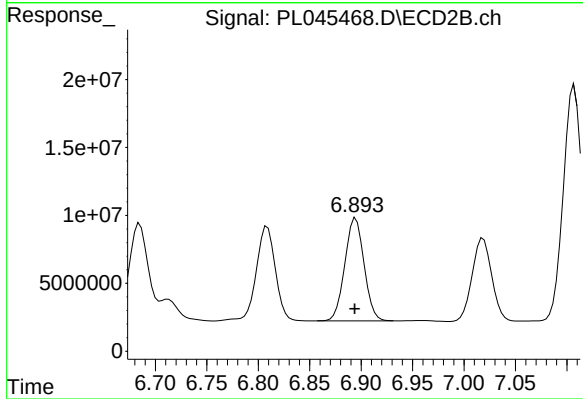
#15 Endosulfan II

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 362205652
Conc: 41.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-028-SW002-022719MSD

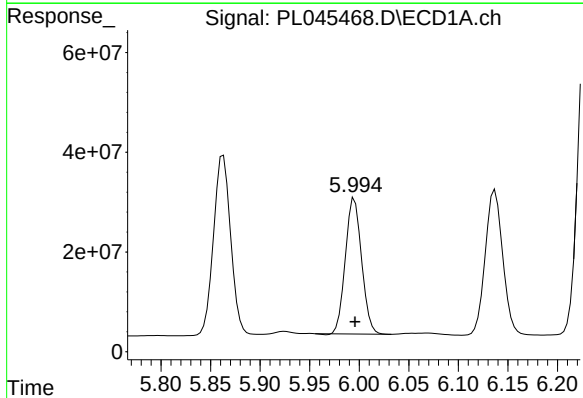
Manual Integrations
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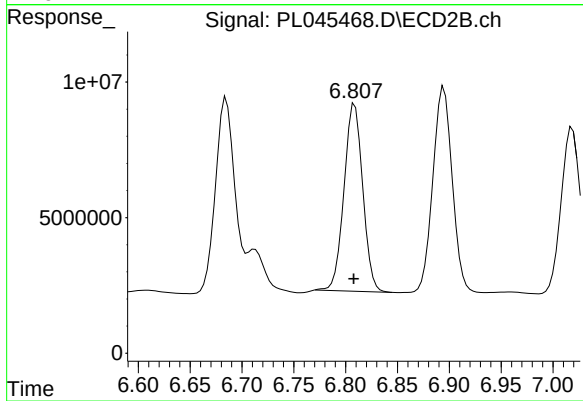
#15 Endosulfan II

R.T.: 6.895 min
Delta R.T.: 0.001 min
Response: 98458911
Conc: 41.87 ng/ml



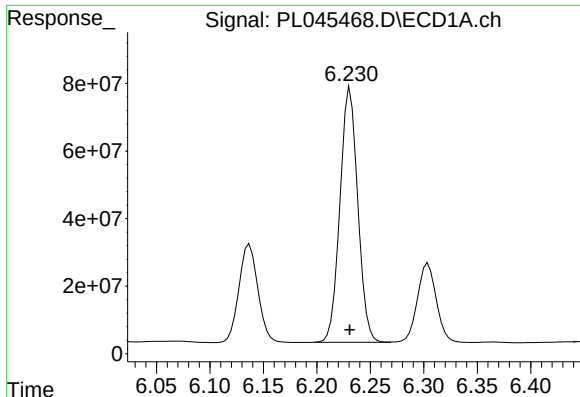
#16 4,4'-DDD

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 310667038
Conc: 42.43 ng/ml



#16 4,4'-DDD

R.T.: 6.809 min
Delta R.T.: 0.001 min
Response: 86826062
Conc: 45.15 ng/ml



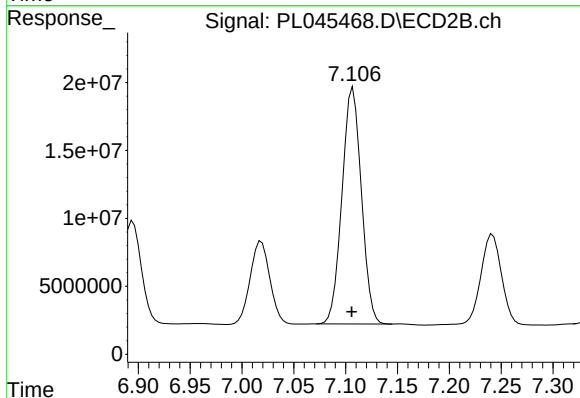
#17 4,4'-DDT

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 875717365
Conc: 116.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-028-SW002-022719MSD

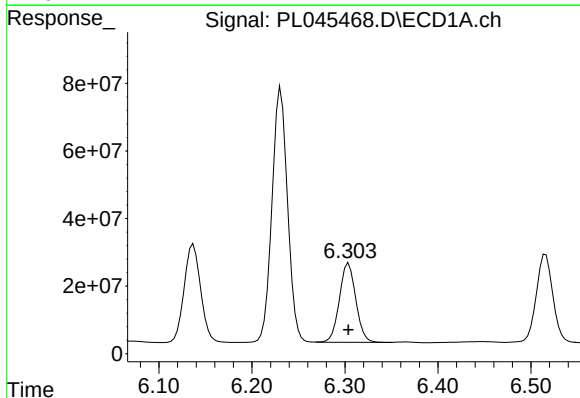
Manual Integrations
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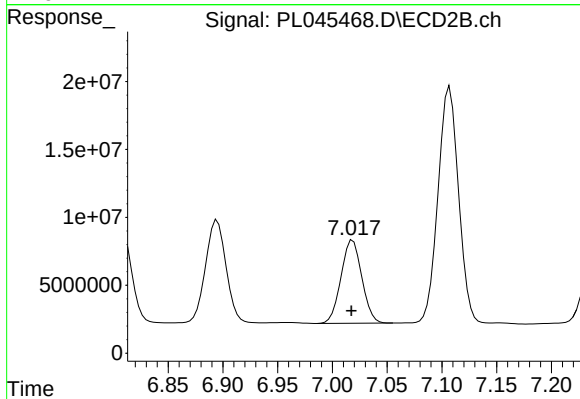
#17 4,4'-DDT

R.T.: 7.107 min
Delta R.T.: 0.001 min
Response: 226235850
Conc: 114.64 ng/ml



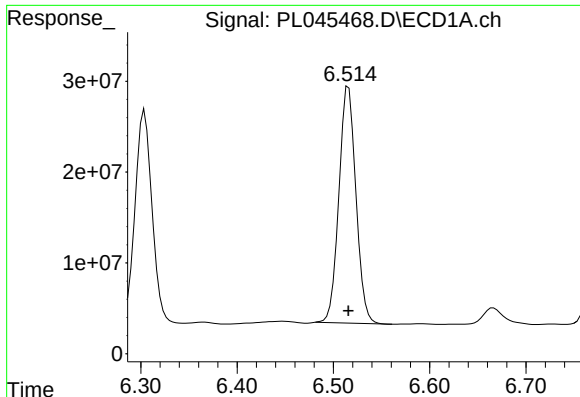
#18 Endrin aldehyde

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 287339420
Conc: 39.31 ng/ml



#18 Endrin aldehyde

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 80881094
Conc: 39.57 ng/ml



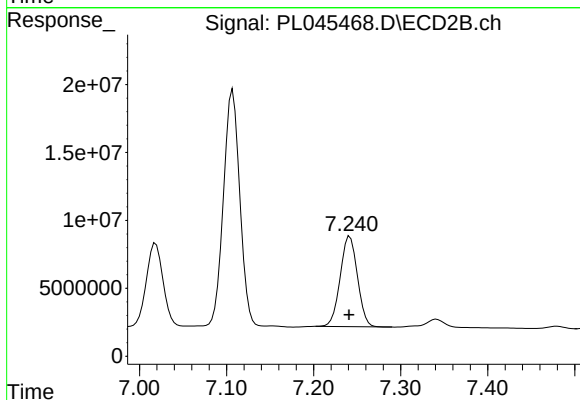
#19 Endosulfan Sulfate

R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 319267320
Conc: 39.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-028-SW002-022719MSD

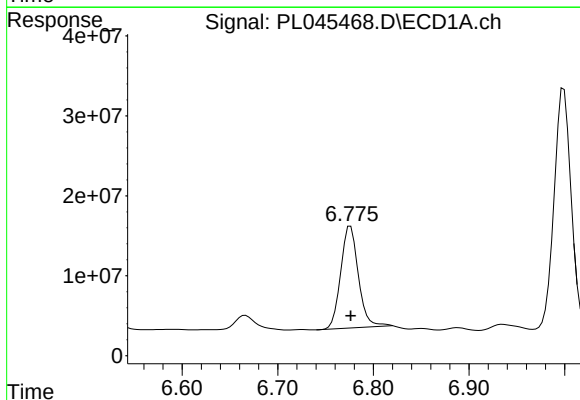
Manual Integrations
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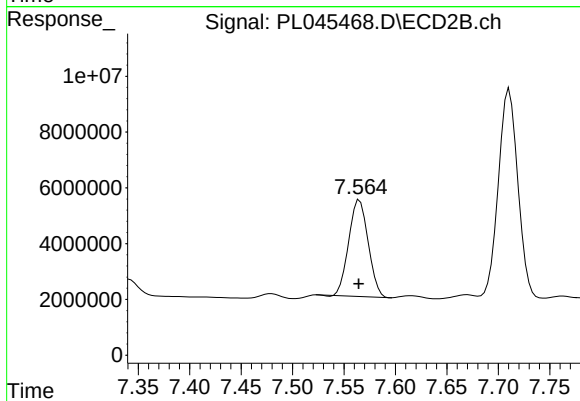
#19 Endosulfan Sulfate

R.T.: 7.242 min
Delta R.T.: 0.001 min
Response: 91559287
Conc: 40.70 ng/ml



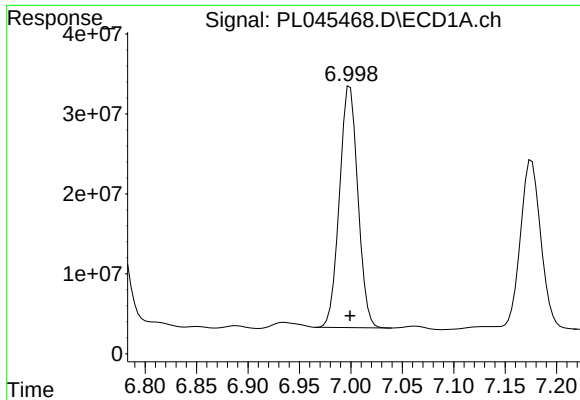
#20 Methoxychlor

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 164202728
Conc: 37.39 ng/ml



#20 Methoxychlor

R.T.: 7.565 min
Delta R.T.: 0.000 min
Response: 45676573
Conc: 37.21 ng/ml



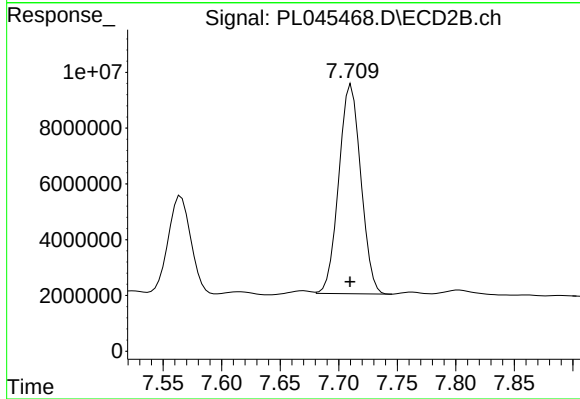
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 376287862
Conc: 40.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-028-SW002-022719MSD

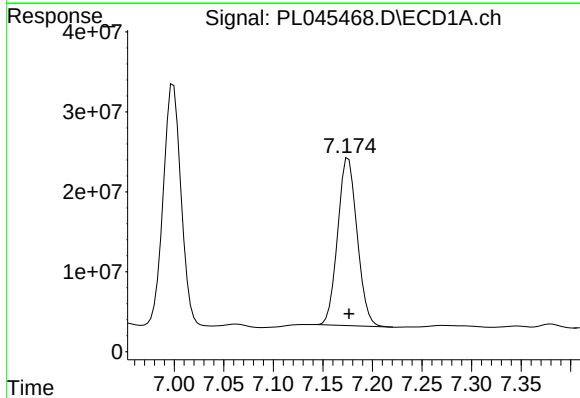
Manual Integrations
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3/6/2019 2:07:49 PM



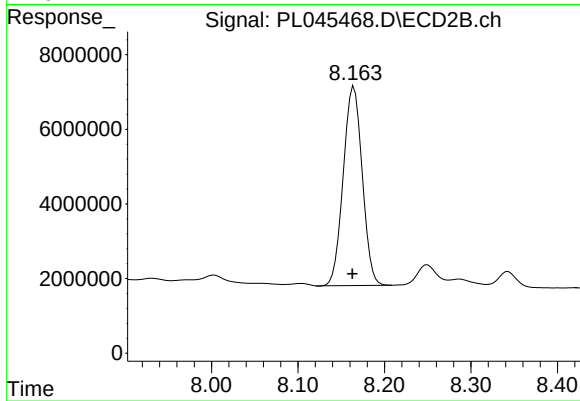
#21 Endrin ketone

R.T.: 7.711 min
Delta R.T.: 0.000 min
Response: 98583802
Conc: 41.45 ng/ml



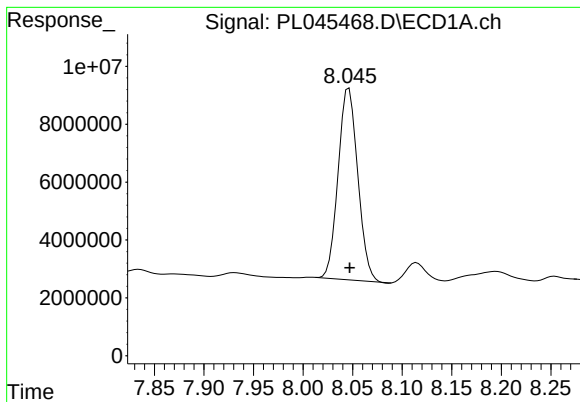
#22 Mirex

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 286206330
Conc: 38.47 ng/ml



#22 Mirex

R.T.: 8.165 min
Delta R.T.: 0.002 min
Response: 80953209
Conc: 40.65 ng/ml



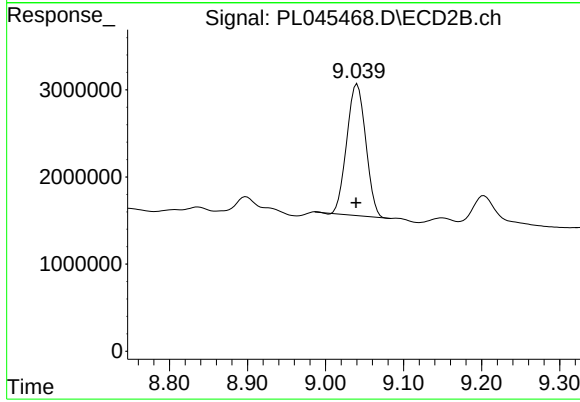
#28 Decachlorobiphenyl

R.T.: 8.046 min
Delta R.T.: -0.001 min
Response: 91036769
Conc: 10.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-028-SW002-022719MSD

Manual Integrations
APPROVED

Sohil
3/6/2019 2:07:49 PM



#28 Decachlorobiphenyl

R.T.: 9.041 min
Delta R.T.: 0.002 min
Response: 25551102
Conc: 11.18 ng/ml