

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082922\
 Data File : PL077362.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2022 16:32
 Operator : AR\AJ
 Sample : PB147331BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB147331BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/30/2022
 Supervised By :Ankita Jodhani 08/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 18:13:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:36:06 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...	3.416	2.630	21130959	48796402	15.530	15.877
28)	SA Decachlor...	8.903	7.731	20815879	44146290	17.763	15.821
Target Compounds							
2)	A alpha-BHC	3.881	3.123	96828419	220.0E6	52.268	50.394
3)	MA gamma-BHC...	4.215	3.447	89889864	200.4E6	51.351	51.300
4)	MA Heptachlor	4.792	3.779	89333165	196.1E6	51.624	50.296
5)	MB Aldrin	5.132	4.054	81234178	186.5E6	51.755	50.397
6)	B beta-BHC	4.428	3.746	37451491	82878146	50.397	50.255
7)	B delta-BHC	4.672	3.969	80214259	198.6E6	51.914	49.885
8)	B Heptachlo...	5.565	4.552	76472847	169.6E6	56.820	51.112
9)	A Endosulfan I	5.952	4.918	67596678	157.4E6	51.333	50.988
10)	B gamma-Chl...	5.820	4.801	73170868	170.4E6	52.179	50.973
11)	B alpha-Chl...	5.898	4.864	72028585	166.5E6	51.204	50.864
12)	B 4,4'-DDE	6.076	5.058	66955627	166.2E6	51.578	51.455
13)	MA Dieldrin	6.229	5.180	68432421	170.0E6	51.229	51.771m
14)	MA Endrin	6.461	5.453	57875961	141.8E6	49.058	51.862
15)	B Endosulfa...	6.688	5.750	55725201	133.4E6	50.862	49.197
16)	A 4,4'-DDD	6.602	5.611	53810286	137.4E6	52.680	51.373
17)	MA 4,4'-DDT	6.912	5.860	53896788	125.1E6	48.249	47.479
18)	B Endrin al...	6.819	5.929	45839301	104.3E6	50.215	49.841
19)	B Endosulfa...	7.052	6.152	55633666	133.8E6	50.325	49.877
20)	A Methoxychlor	7.393	6.438	28417049	64468789	47.186	45.698
21)	B Endrin ke...	7.541	6.650	61694472	140.6E6	50.572	48.808m
22)	Mirex	8.000	6.828	45553780	104.7E6	49.514	48.877

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

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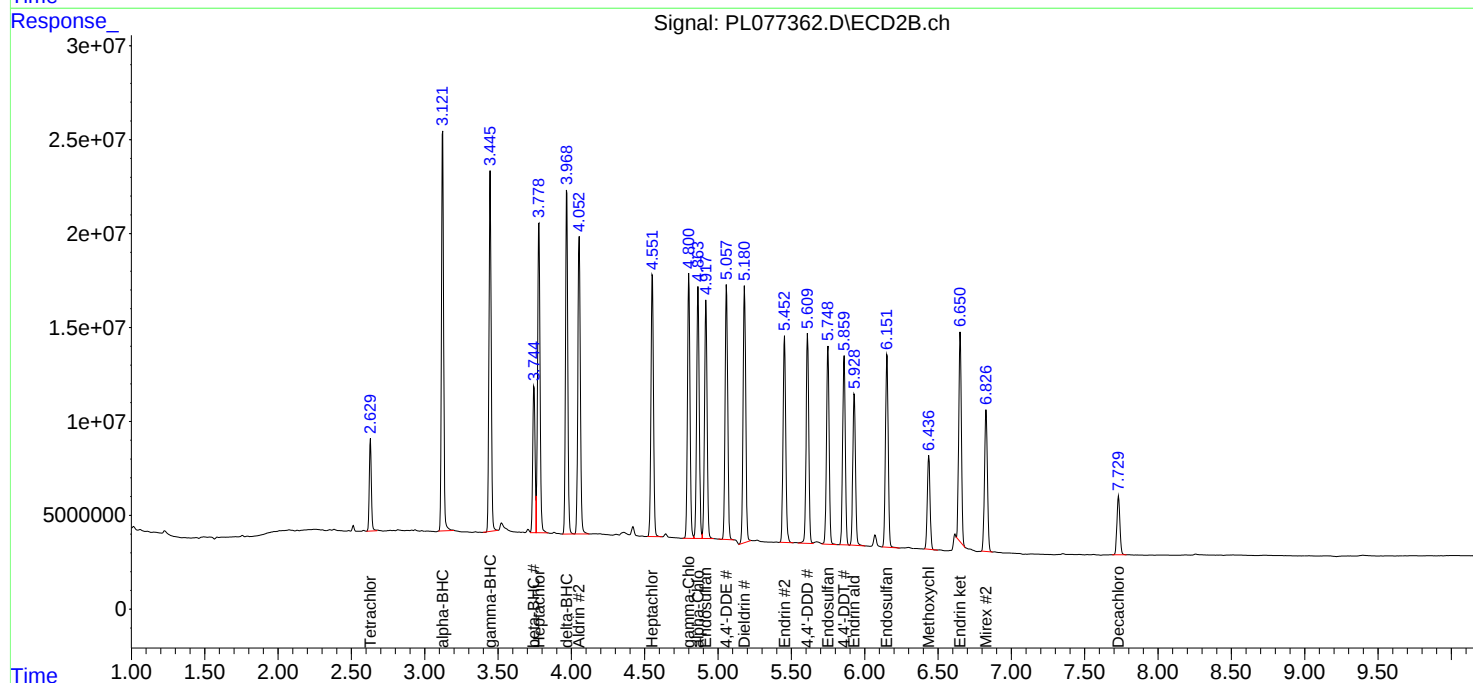
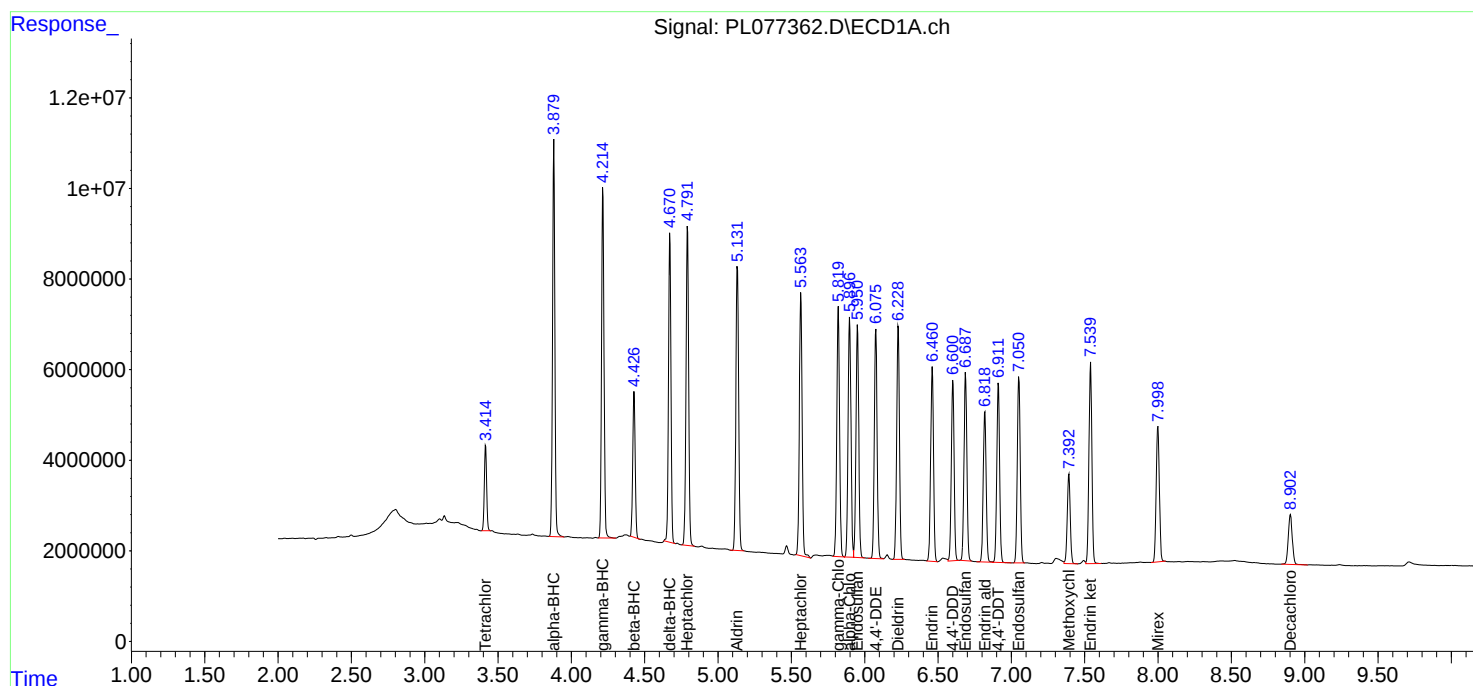
Manual Integrations

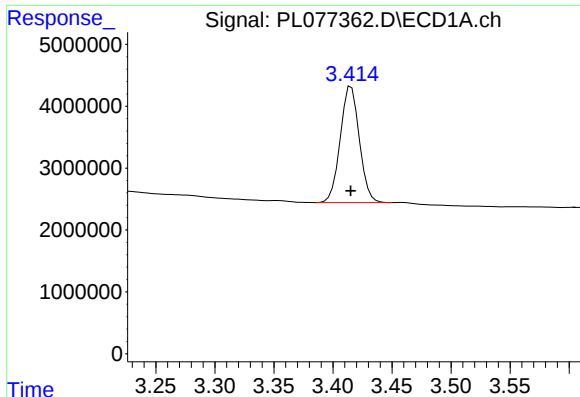
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Integration File signal 1: autoint1.e
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





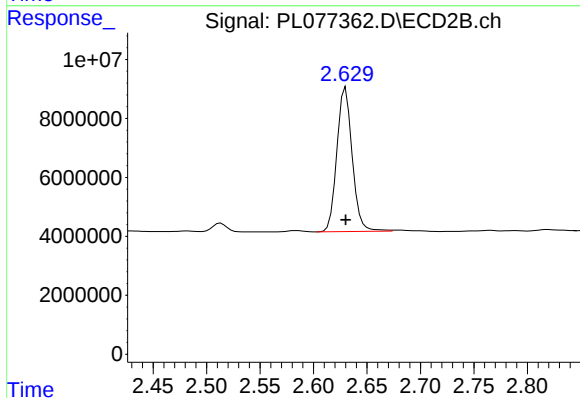
#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 21130959
Conc: 15.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147331BS

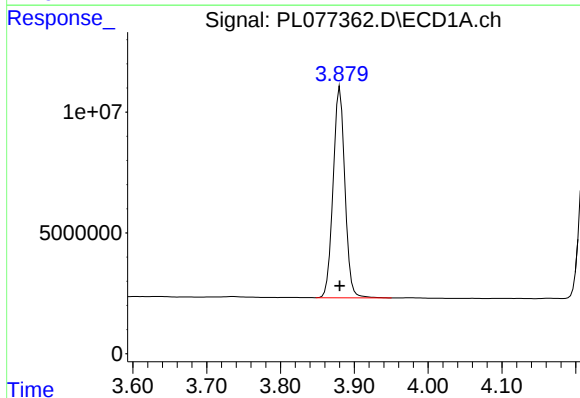
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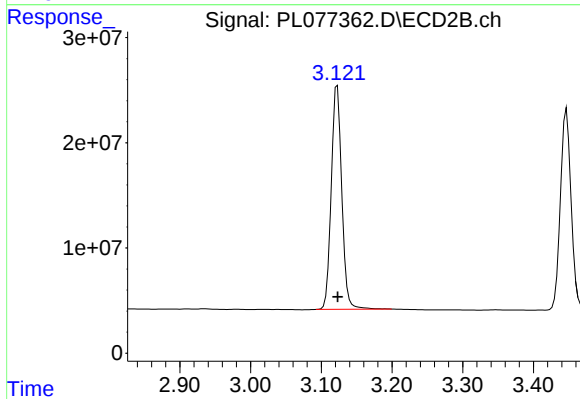
#1 Tetrachloro-m-xylene

R.T.: 2.630 min
Delta R.T.: 0.000 min
Response: 48796402
Conc: 15.88 ng/ml



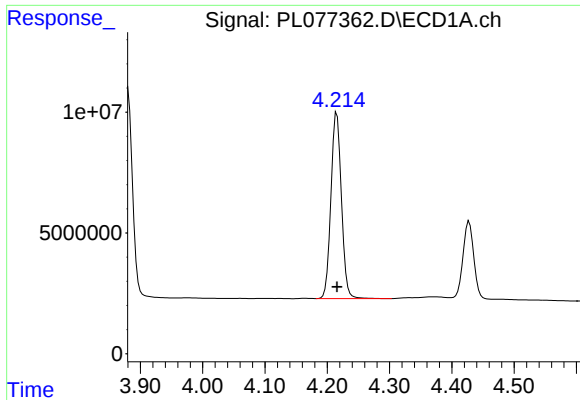
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 96828419
Conc: 52.27 ng/ml



#2 alpha-BHC

R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 220045501
Conc: 50.39 ng/ml



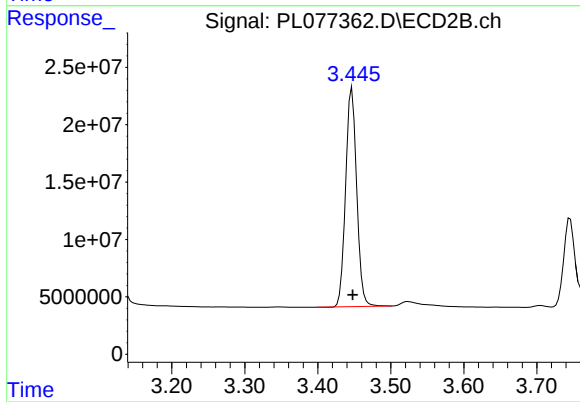
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 89889864
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147331BS

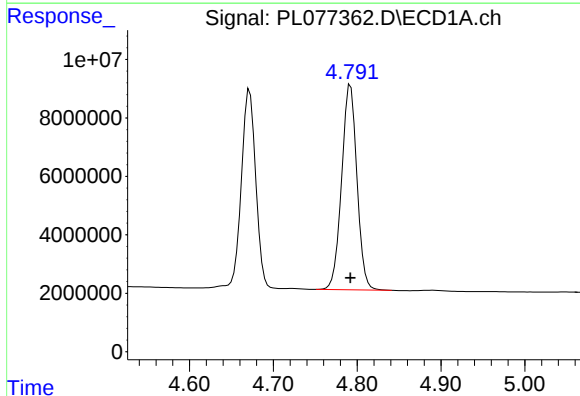
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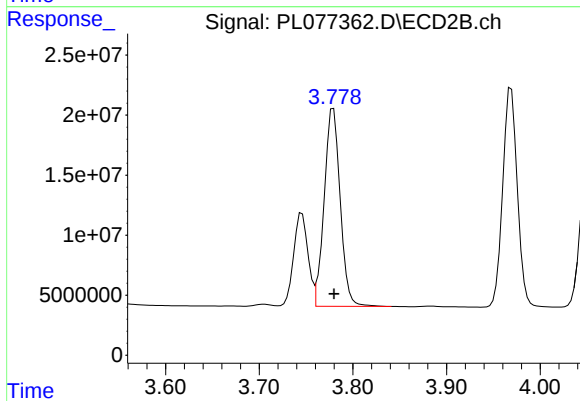
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: 0.000 min
Response: 200404411
Conc: 51.30 ng/ml



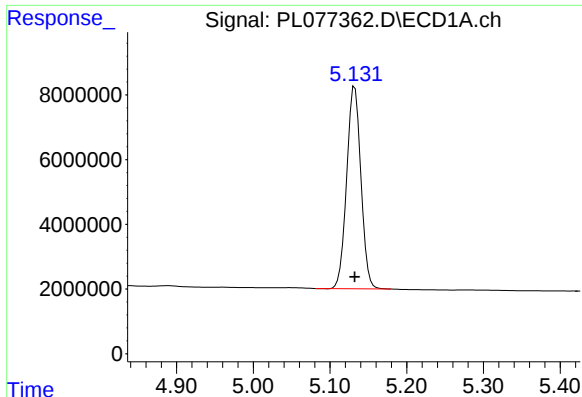
#4 Heptachlor

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 89333165
Conc: 51.62 ng/ml



#4 Heptachlor

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 196076090
Conc: 50.30 ng/ml



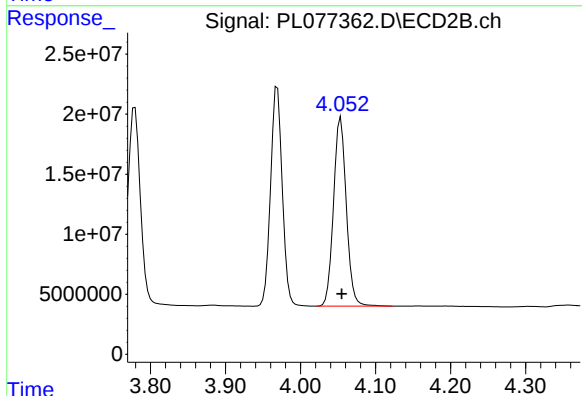
#5 Aldrin

R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 81234178
Conc: 51.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
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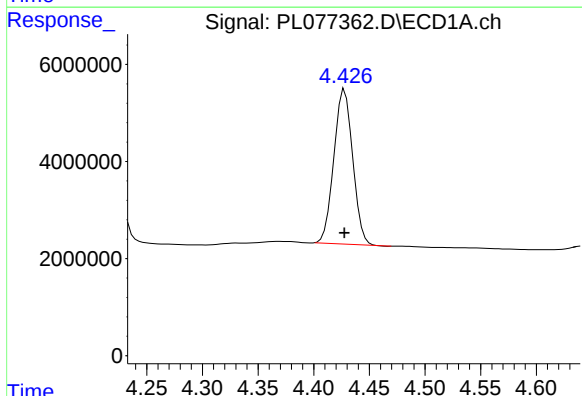
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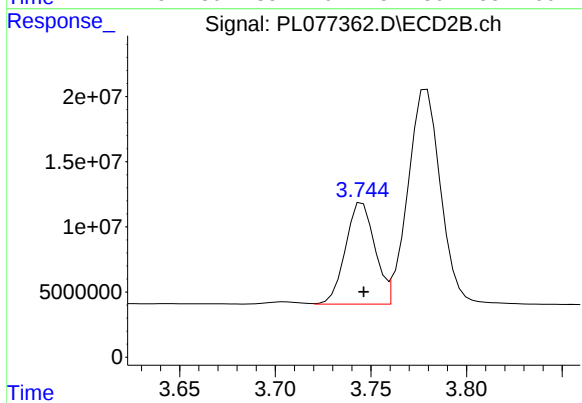
#5 Aldrin

R.T.: 4.054 min
Delta R.T.: -0.001 min
Response: 186524602
Conc: 50.40 ng/ml



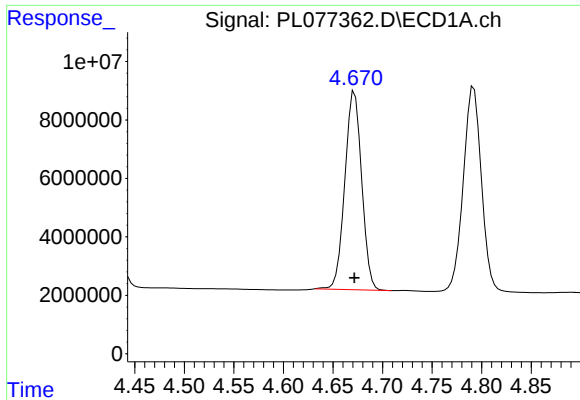
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: 0.000 min
Response: 37451491
Conc: 50.40 ng/ml



#6 beta-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 82878146
Conc: 50.25 ng/ml



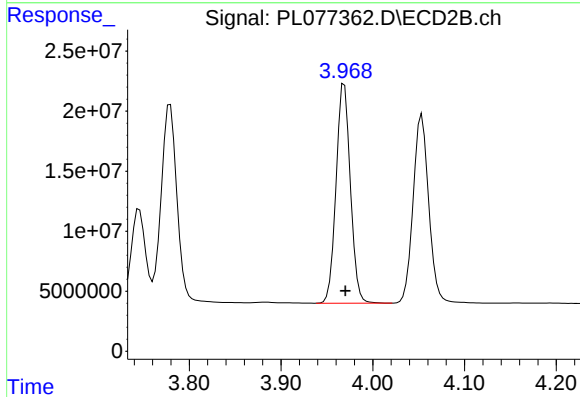
#7 delta-BHC

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 80214259
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147331BS

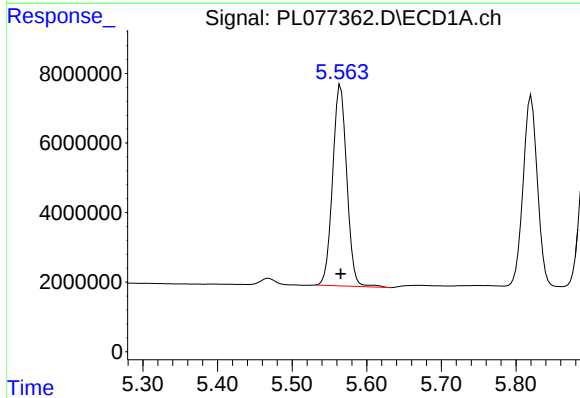
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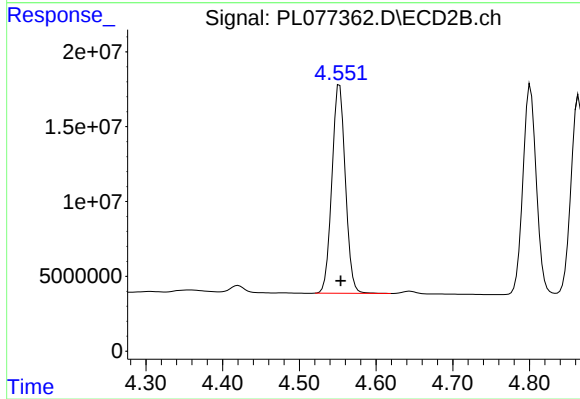
#7 delta-BHC

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 198628954
Conc: 49.88 ng/ml



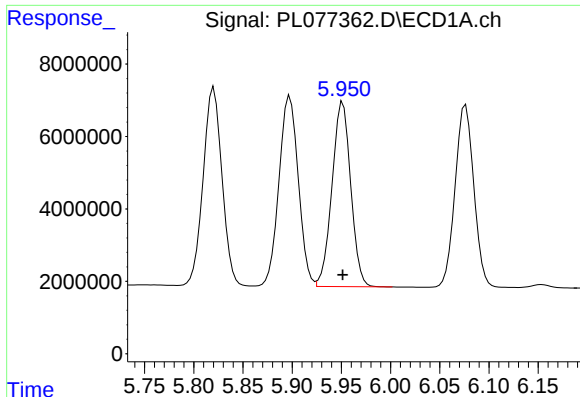
#8 Heptachlor epoxide

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 76472847
Conc: 56.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.552 min
Delta R.T.: -0.001 min
Response: 169632039
Conc: 51.11 ng/ml



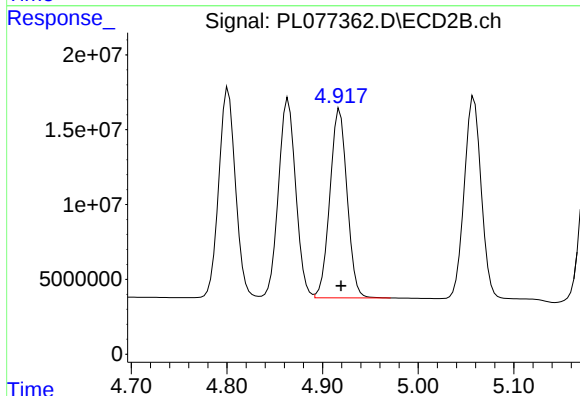
#9 Endosulfan I

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 67596678
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147331BS

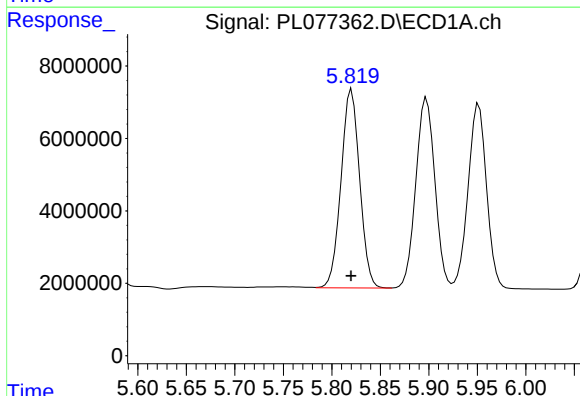
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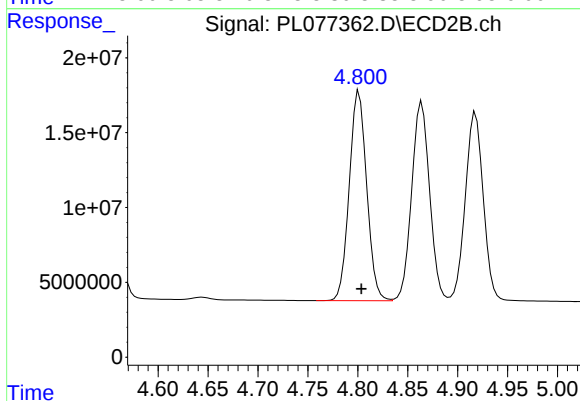
#9 Endosulfan I

R.T.: 4.918 min
Delta R.T.: -0.002 min
Response: 157384699
Conc: 50.99 ng/ml



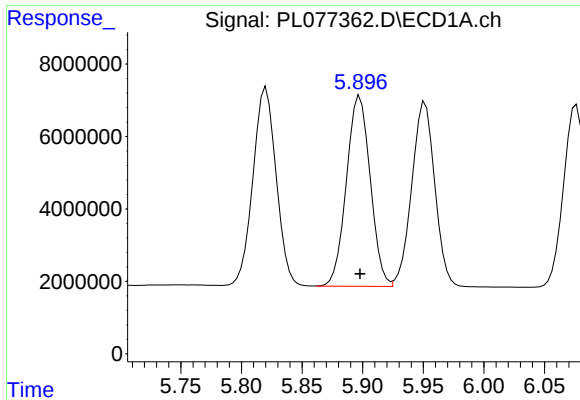
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 73170868
Conc: 52.18 ng/ml



#10 gamma-Chlordane

R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 170419621
Conc: 50.97 ng/ml



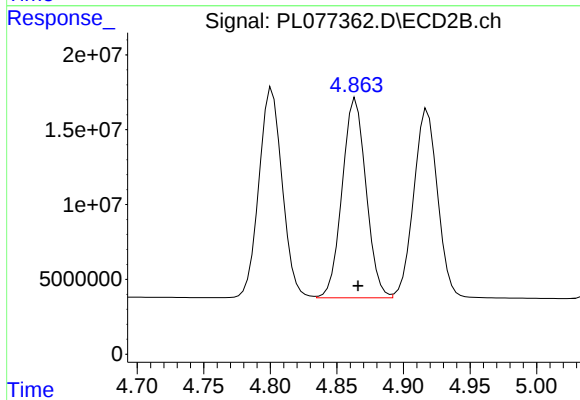
#11 alpha-Chlordane

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 72028585
Conc: 51.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147331BS

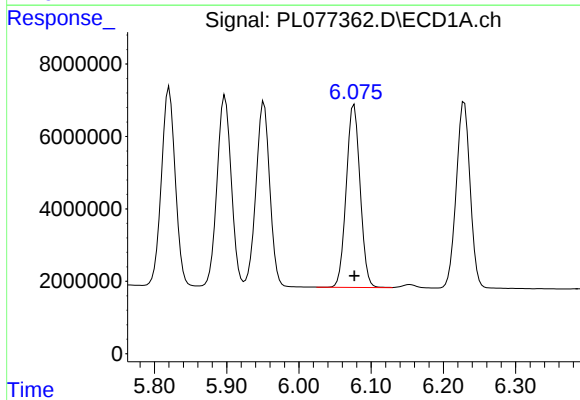
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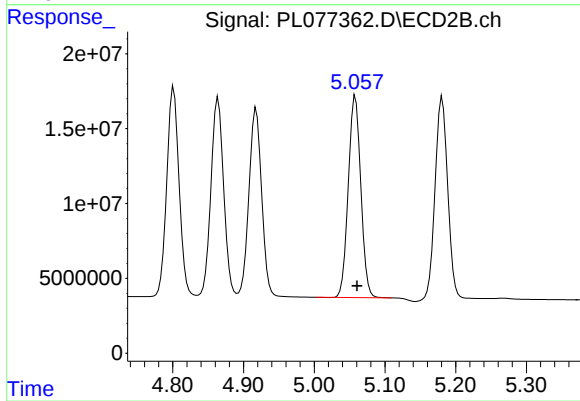
#11 alpha-Chlordane

R.T.: 4.864 min
Delta R.T.: -0.002 min
Response: 166509077
Conc: 50.86 ng/ml



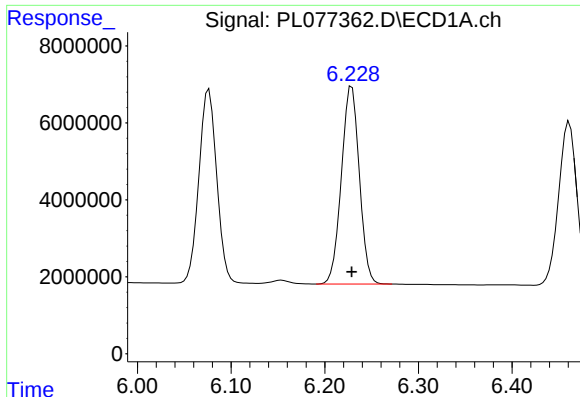
#12 4,4'-DDE

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 66955627
Conc: 51.58 ng/ml



#12 4,4'-DDE

R.T.: 5.058 min
Delta R.T.: -0.002 min
Response: 166197938
Conc: 51.45 ng/ml



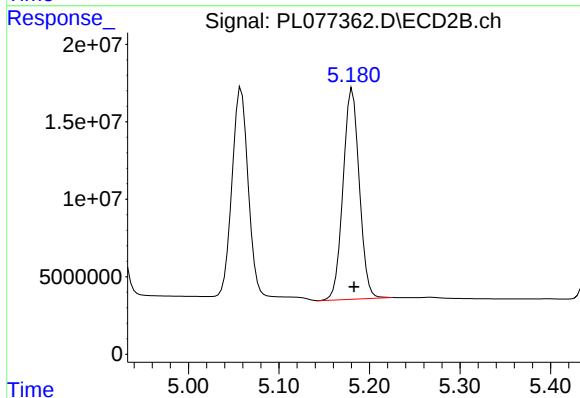
#13 Dieldrin

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 68432421
Conc: 51.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147331BS

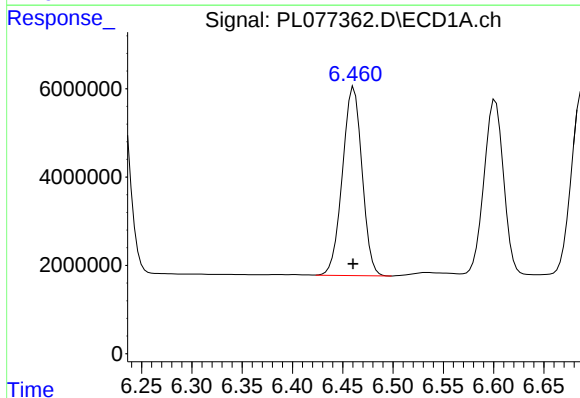
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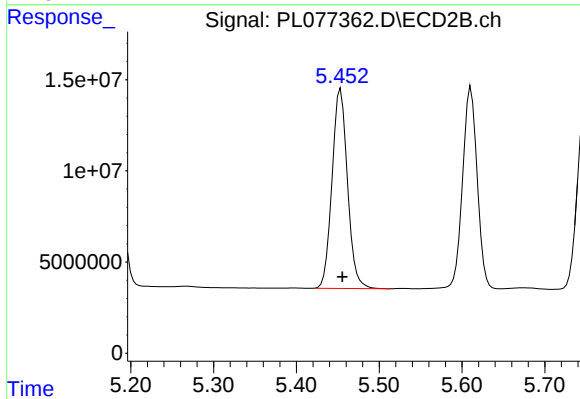
#13 Dieldrin

R.T.: 5.180 min
Delta R.T.: -0.003 min
Response: 170005580
Conc: 51.77 ng/ml m



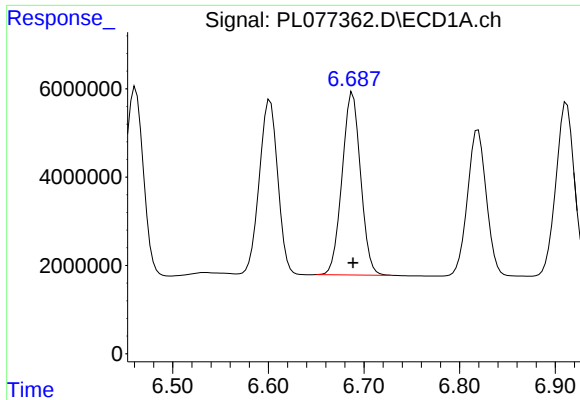
#14 Endrin

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 57875961
Conc: 49.06 ng/ml



#14 Endrin

R.T.: 5.453 min
Delta R.T.: -0.002 min
Response: 141782673
Conc: 51.86 ng/ml



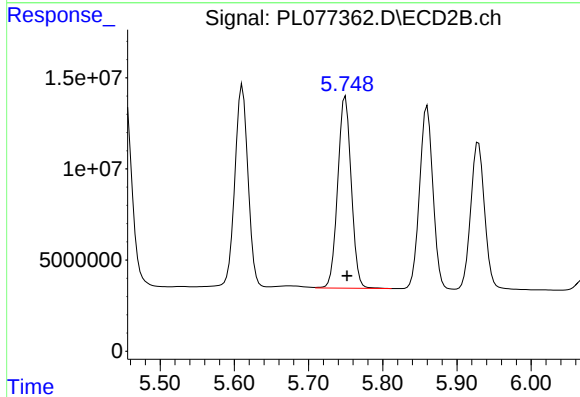
#15 Endosulfan II

R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 55725201
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147331BS

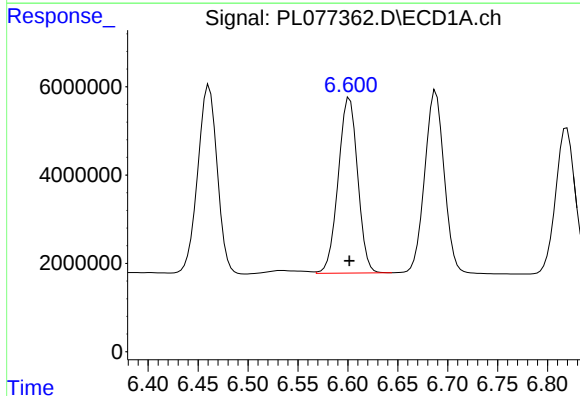
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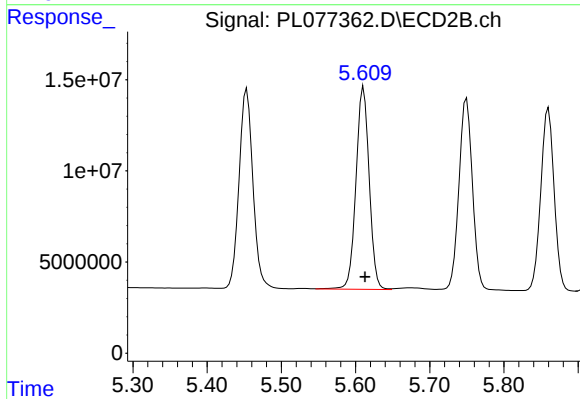
#15 Endosulfan II

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 133423680
Conc: 49.20 ng/ml



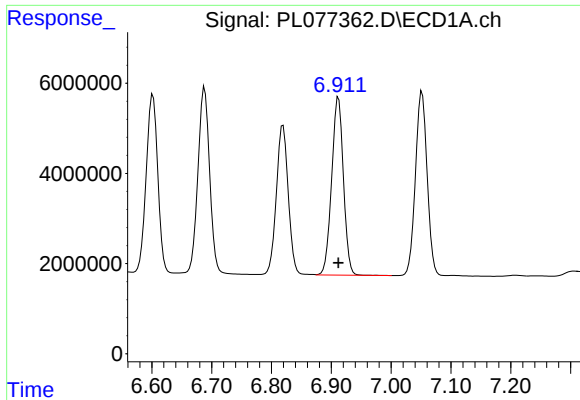
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 53810286
Conc: 52.68 ng/ml



#16 4,4'-DDD

R.T.: 5.611 min
Delta R.T.: -0.002 min
Response: 137362192
Conc: 51.37 ng/ml



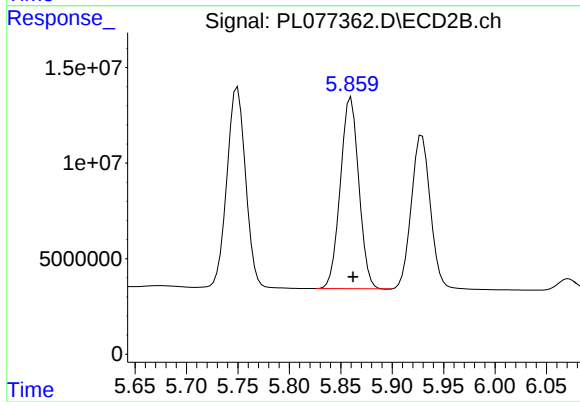
#17 4,4'-DDT

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 53896788
Conc: 48.25 ng/ml

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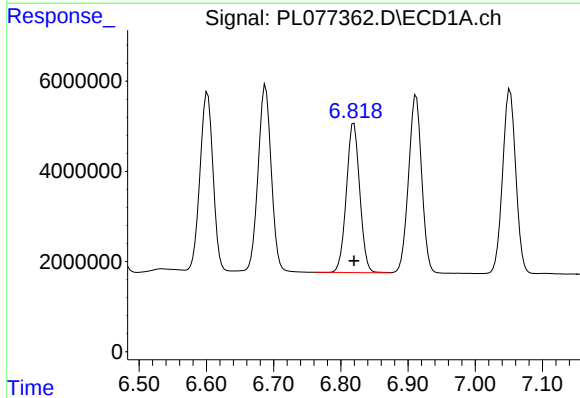
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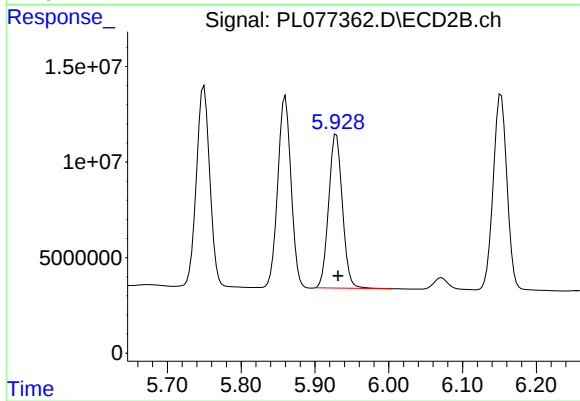
#17 4,4'-DDT

R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 125069162
Conc: 47.48 ng/ml



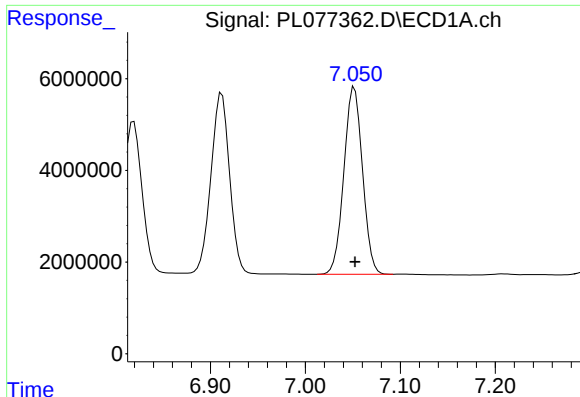
#18 Endrin aldehyde

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 45839301
Conc: 50.22 ng/ml



#18 Endrin aldehyde

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 104288205
Conc: 49.84 ng/ml



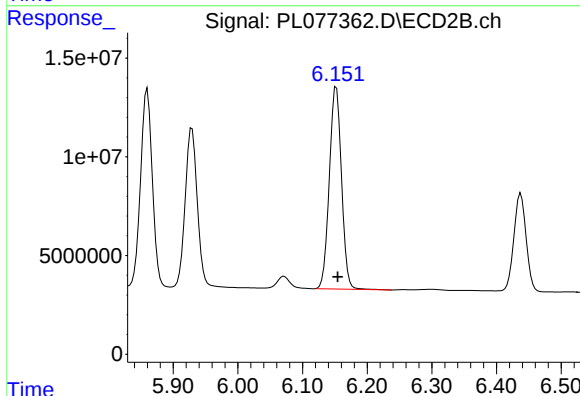
#19 Endosulfan Sulfate

R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 55633666
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147331BS

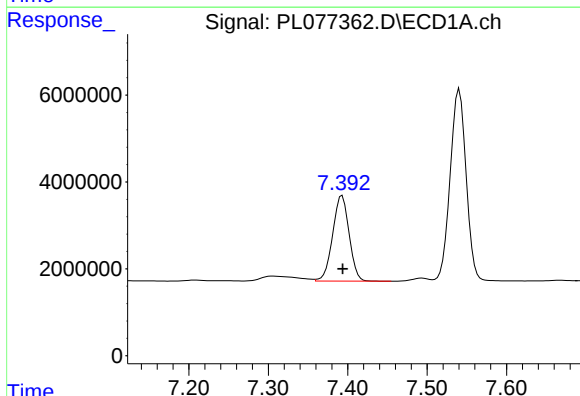
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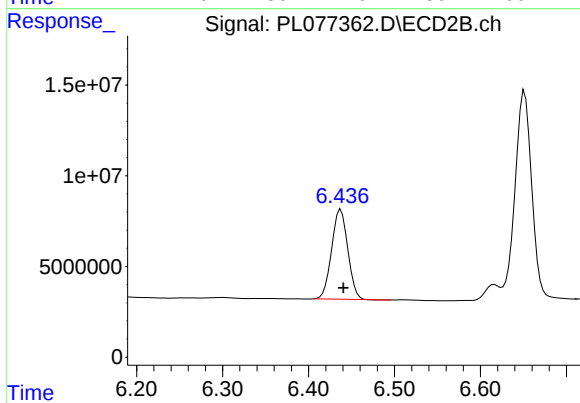
#19 Endosulfan Sulfate

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 133793144
Conc: 49.88 ng/ml



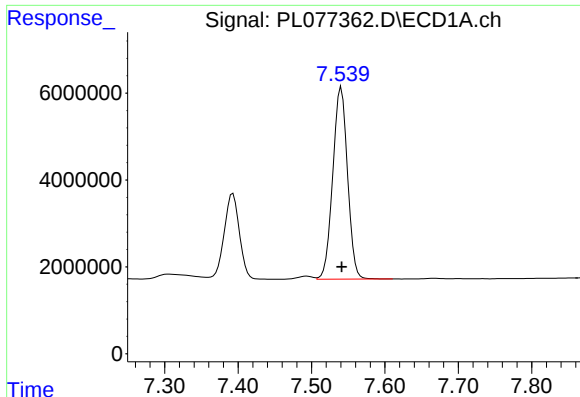
#20 Methoxychlor

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 28417049
Conc: 47.19 ng/ml



#20 Methoxychlor

R.T.: 6.438 min
Delta R.T.: -0.003 min
Response: 64468789
Conc: 45.70 ng/ml



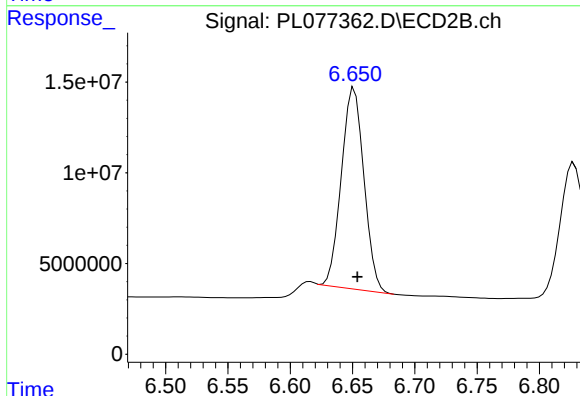
#21 Endrin ketone

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 61694472
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147331BS

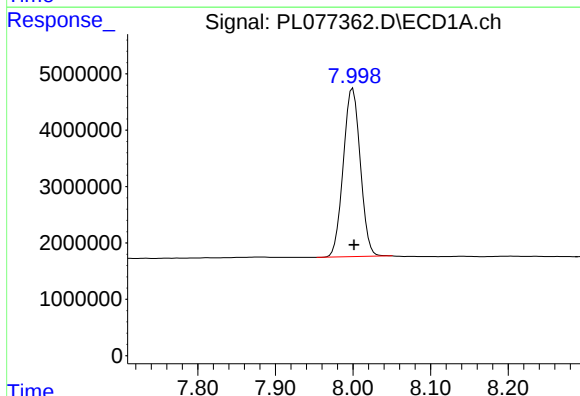
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/30/2022
Supervised By :Ankita Jodhani 08/30/2022



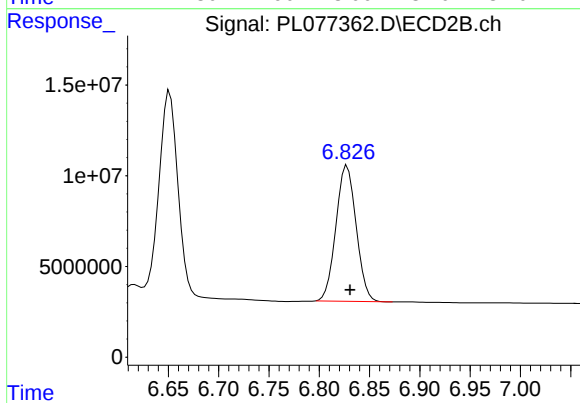
#21 Endrin ketone

R.T.: 6.650 min
Delta R.T.: -0.004 min
Response: 140606057
Conc: 48.81 ng/ml m



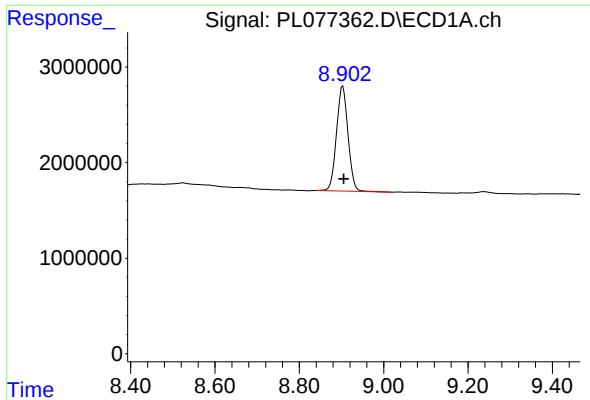
#22 Mirex

R.T.: 8.000 min
Delta R.T.: -0.002 min
Response: 45553780
Conc: 49.51 ng/ml



#22 Mirex

R.T.: 6.828 min
Delta R.T.: -0.003 min
Response: 104685875
Conc: 48.88 ng/ml



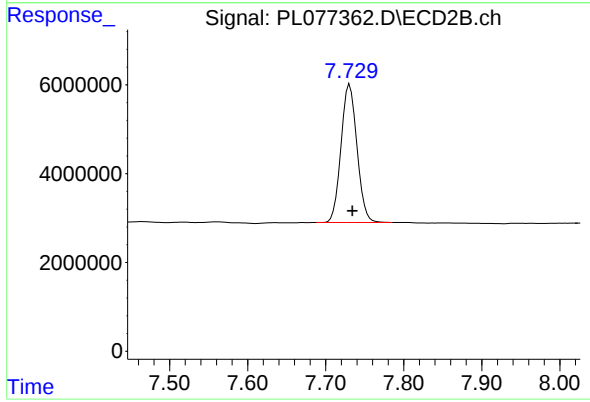
#28 Decachlorobiphenyl

R.T.: 8.903 min
Delta R.T.: -0.002 min
Response: 20815879
Conc: 17.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147331BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.731 min
Delta R.T.: -0.003 min
Response: 44146290
Conc: 15.82 ng/ml