

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092822\
 Data File : PL077954.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2022 13:29
 Operator : AR\AJ
 Sample : PB147959BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB147959BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/29/2022
 Supervised By :Ankita Jodhani 09/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 01:42:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 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...	3.415	2.624	31612569	54822831	19.721	18.467
28)	SA Decachlor...	8.906	7.722	26604312	40140760	20.585	15.991
Target Compounds							
2)	A alpha-BHC	3.880	3.116	113.7E6	198.4E6	47.908	43.740
3)	MA gamma-BHC...	4.216	3.440	105.7E6	177.7E6	47.787	44.007
4)	MA Heptachlor	4.792	3.772	107.5E6	173.1E6	48.534	43.703
5)	MB Aldrin	5.132	4.046	99949294	173.8E6	50.291	45.807
6)	B beta-BHC	4.429	3.740	45024761	69100504	46.327	41.506
7)	B delta-BHC	4.673	3.963	87372485	177.9E6	42.554	43.847
8)	B Heptachlo...	5.563	4.545	98287107	152.0E6	56.380m	44.941
9)	A Endosulfan I	5.951	4.910	80227325	134.1E6	49.778	42.499
10)	B gamma-Chl...	5.820	4.794	91708158	152.1E6	52.378	44.626
11)	B alpha-Chl...	5.898	4.856	88215107	149.4E6	51.070	45.110
12)	B 4,4'-DDE	6.077	5.051	79987941	145.8E6	50.248	44.817
13)	MA Dieldrin	6.229	5.174	82438034	159.4E6	51.076	48.084
14)	MA Endrin	6.460	5.446	73252891	140.6E6	52.967	49.315
15)	B Endosulfa...	6.689	5.743	70440081	122.8E6	50.993	46.617
16)	A 4,4'-DDD	6.602	5.604	61238078	116.2E6	52.302	44.835
17)	MA 4,4'-DDT	6.913	5.852	64823782	121.4E6	51.158	46.090
18)	B Endrin al...	6.820	5.922	55945223	96997877	52.904	47.005
19)	B Endosulfa...	7.053	6.145	65426023	120.8E6	51.090	44.914
20)	A Methoxychlor	7.394	6.430	31672676	62364994	47.956	45.541
21)	B Endrin ke...	7.542	6.643	68289239	159.3E6	49.421	52.613
22)	Mirex	8.001	6.819	53341332	95350212	50.802	44.352

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092822\
 Data File : PL077954.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2022 13:29
 Operator : AR\AJ
 Sample : PB147959BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB147959BS

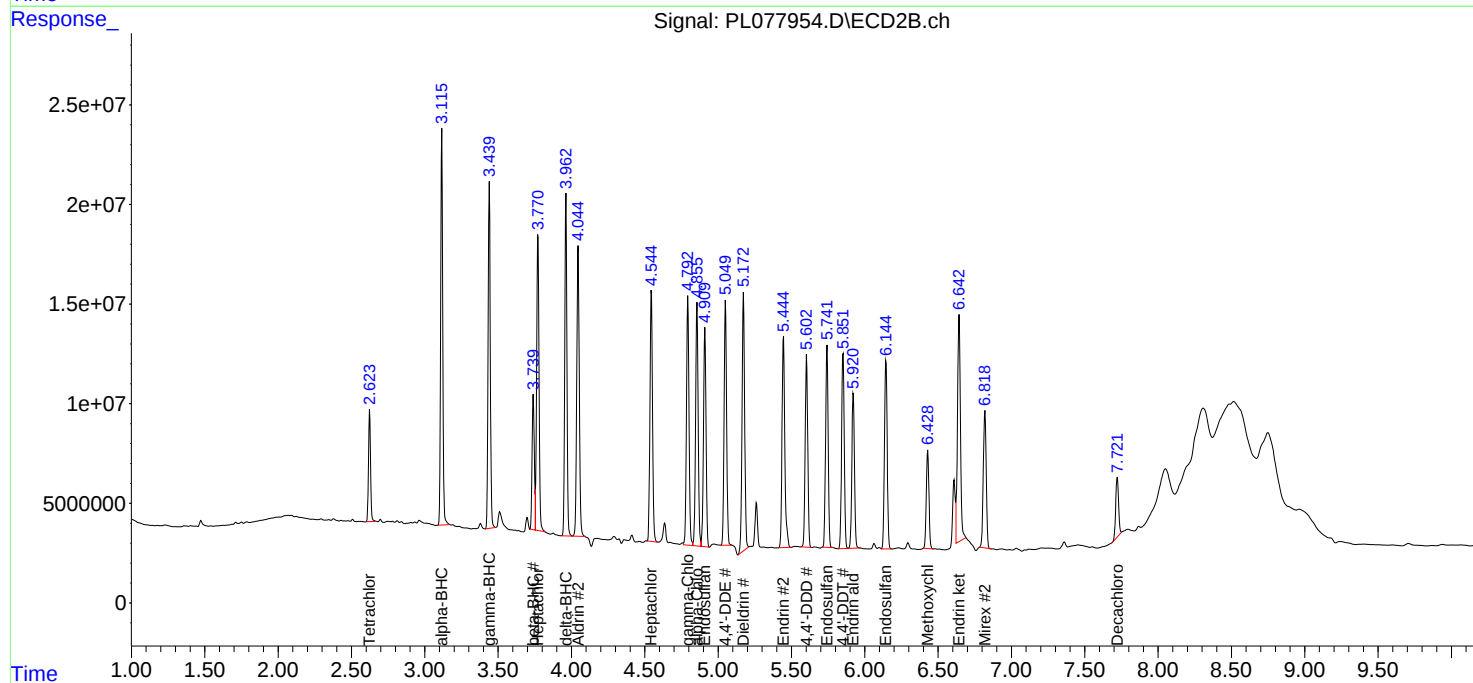
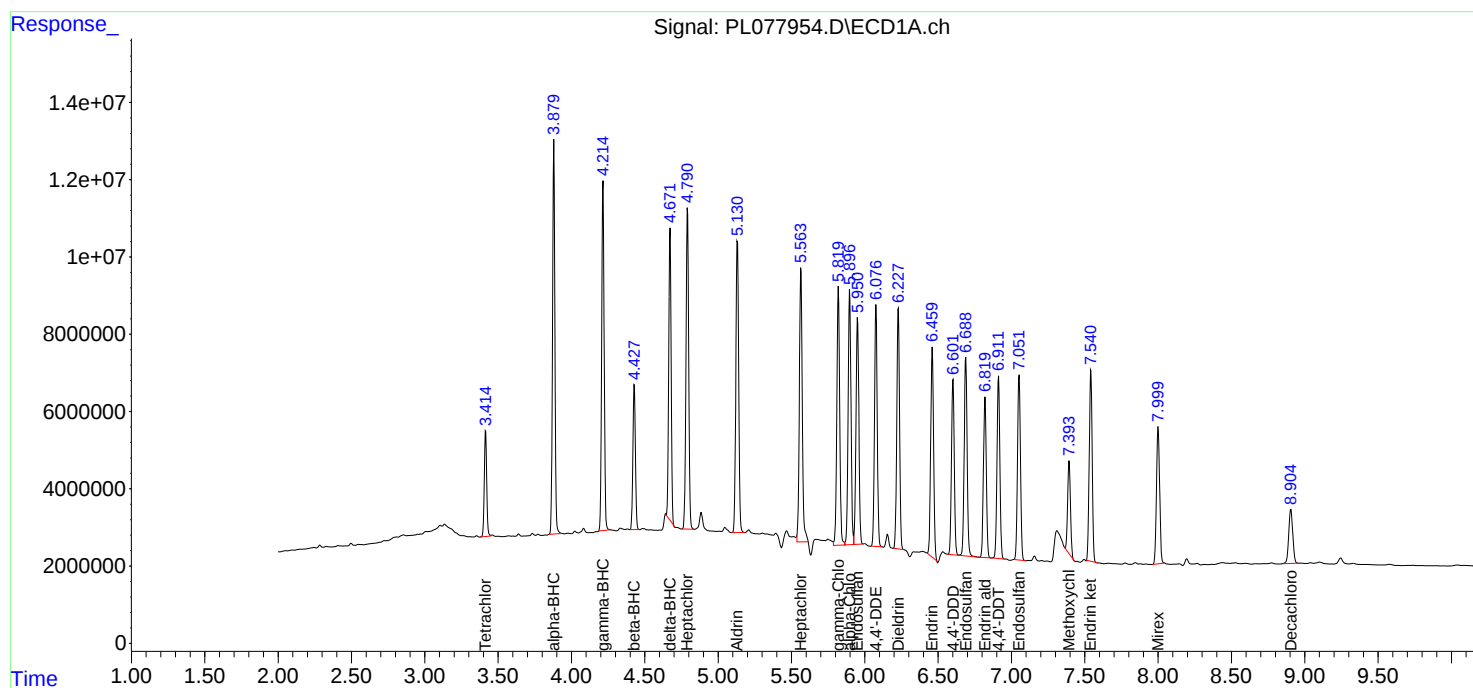
Manual Integrations

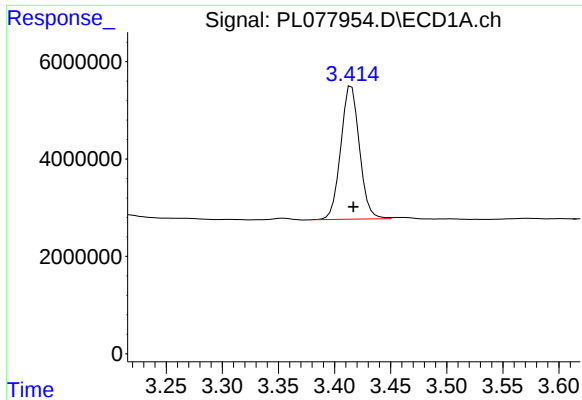
APPROVED

Reviewed By :Abdul Mirza 09/29/2022
 Supervised By :Ankita Jodhani 09/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 01:42:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 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





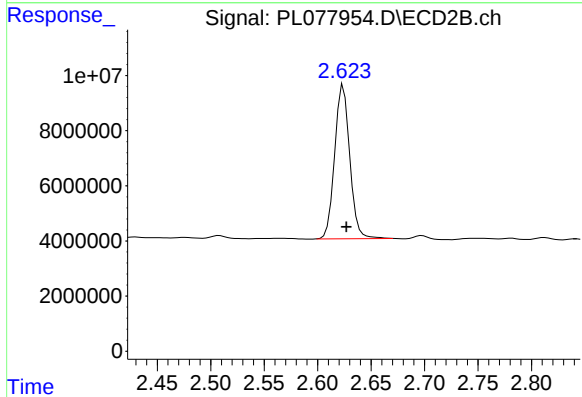
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: -0.002 min
Response: 31612569
Conc: 19.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147959BS

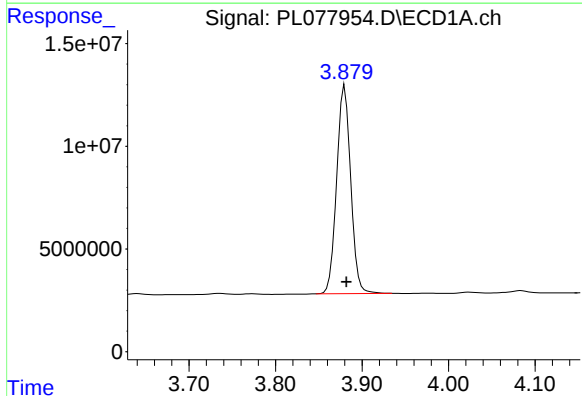
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2022
Supervised By :Ankita Jodhani 09/29/2022



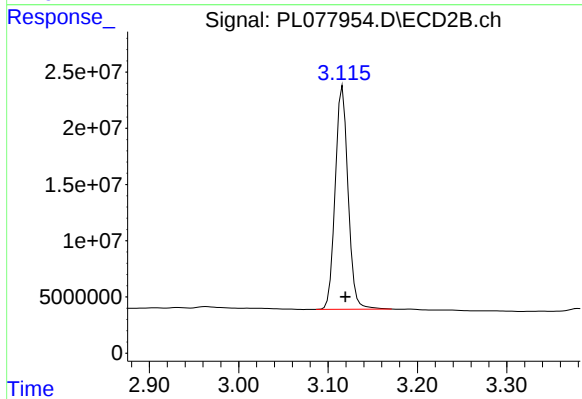
#1 Tetrachloro-m-xylene

R.T.: 2.624 min
Delta R.T.: -0.003 min
Response: 54822831
Conc: 18.47 ng/ml



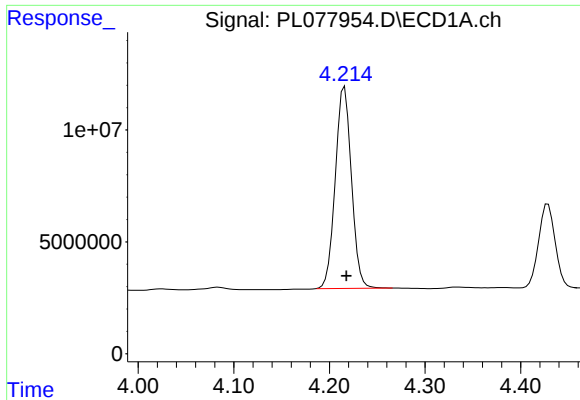
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.002 min
Response: 113691111
Conc: 47.91 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: -0.003 min
Response: 198367828
Conc: 43.74 ng/ml



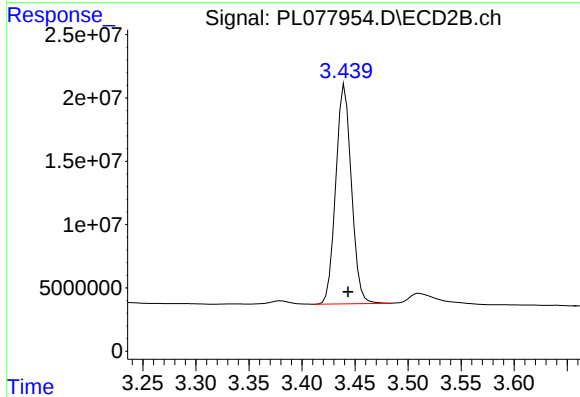
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 105724910
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147959BS

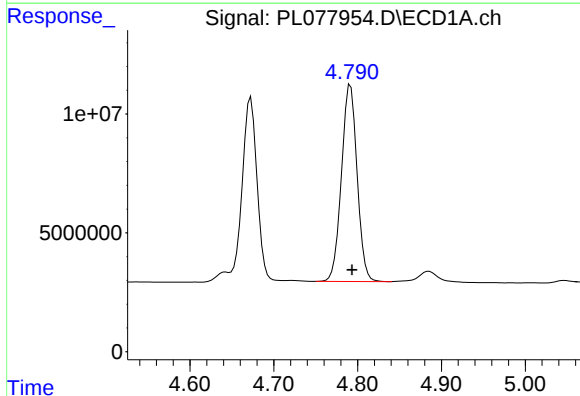
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2022
Supervised By :Ankita Jodhani 09/29/2022



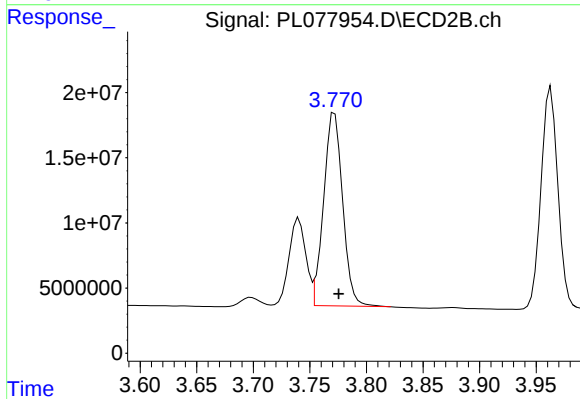
#3 gamma-BHC (Lindane)

R.T.: 3.440 min
Delta R.T.: -0.003 min
Response: 177707850
Conc: 44.01 ng/ml



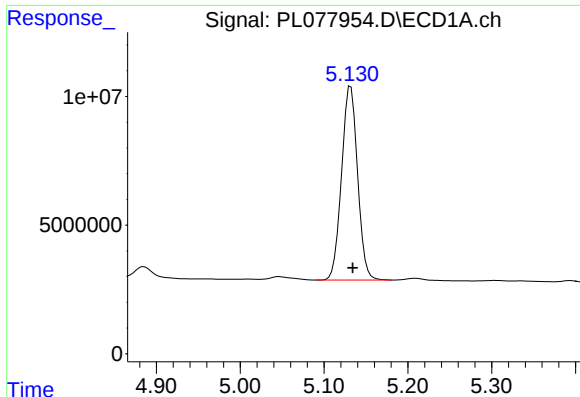
#4 Heptachlor

R.T.: 4.792 min
Delta R.T.: -0.002 min
Response: 107456691
Conc: 48.53 ng/ml



#4 Heptachlor

R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 173091352
Conc: 43.70 ng/ml



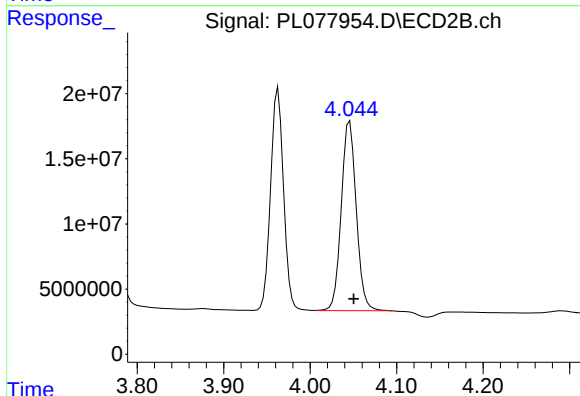
#5 Aldrin

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 99949294
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147959BS

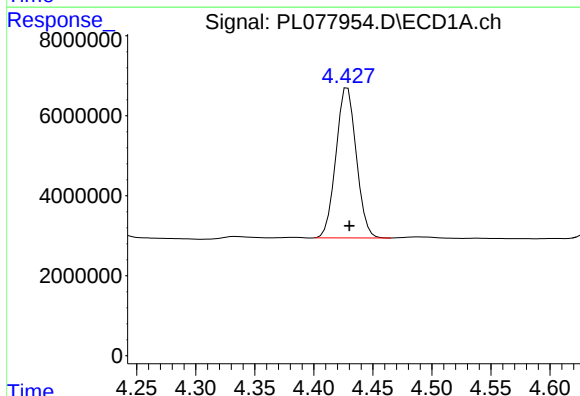
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2022
Supervised By :Ankita Jodhani 09/29/2022



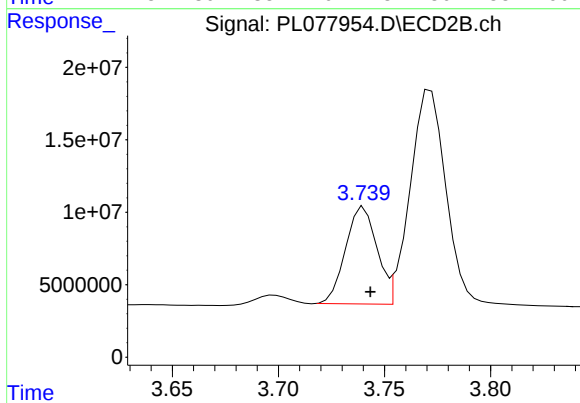
#5 Aldrin

R.T.: 4.046 min
Delta R.T.: -0.005 min
Response: 173834112
Conc: 45.81 ng/ml



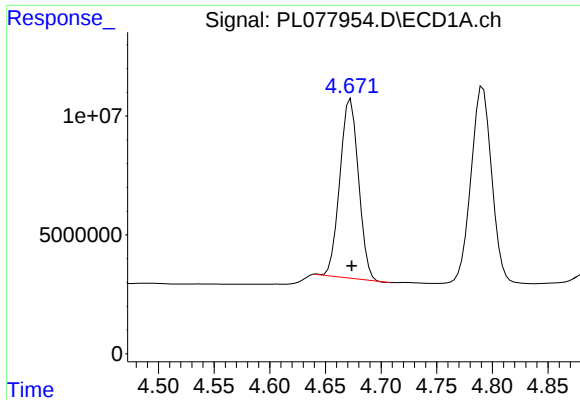
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: -0.002 min
Response: 45024761
Conc: 46.33 ng/ml



#6 beta-BHC

R.T.: 3.740 min
Delta R.T.: -0.003 min
Response: 69100504
Conc: 41.51 ng/ml



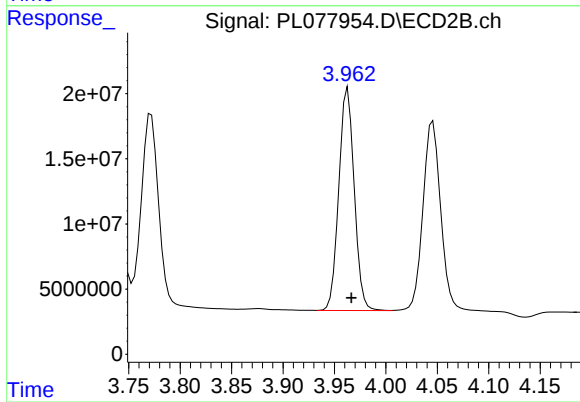
#7 delta-BHC

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 87372485
Conc: 42.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147959BS

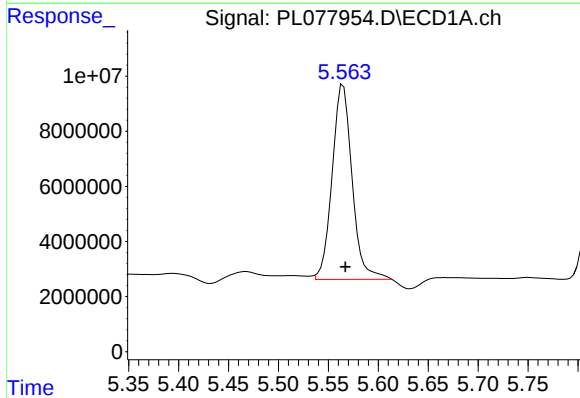
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2022
Supervised By :Ankita Jodhani 09/29/2022



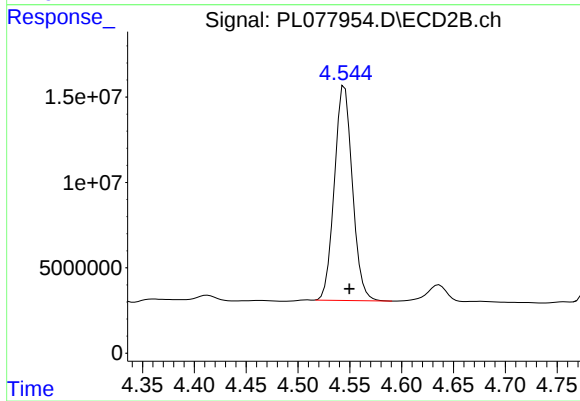
#7 delta-BHC

R.T.: 3.963 min
Delta R.T.: -0.004 min
Response: 177922745
Conc: 43.85 ng/ml



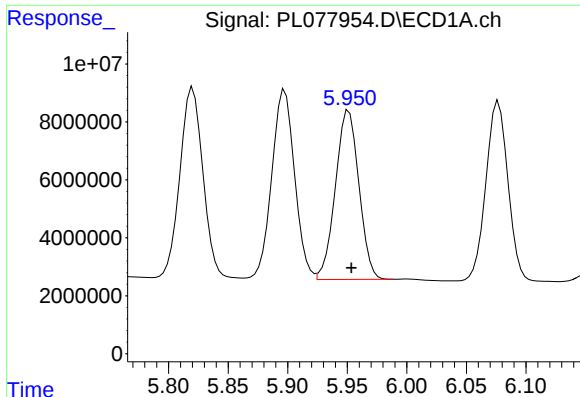
#8 Heptachlor epoxide

R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 98287107
Conc: 56.38 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.545 min
Delta R.T.: -0.004 min
Response: 151966005
Conc: 44.94 ng/ml



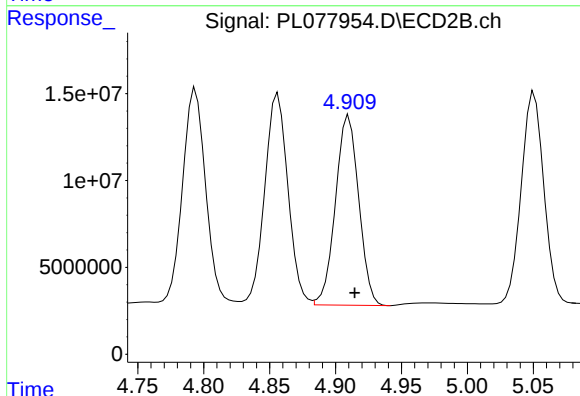
#9 Endosulfan I

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 80227325
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147959BS

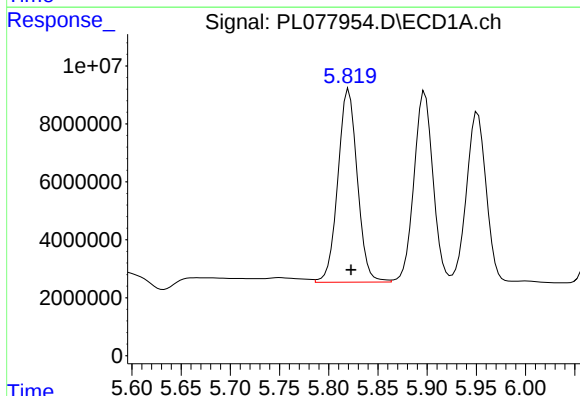
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2022
Supervised By :Ankita Jodhani 09/29/2022



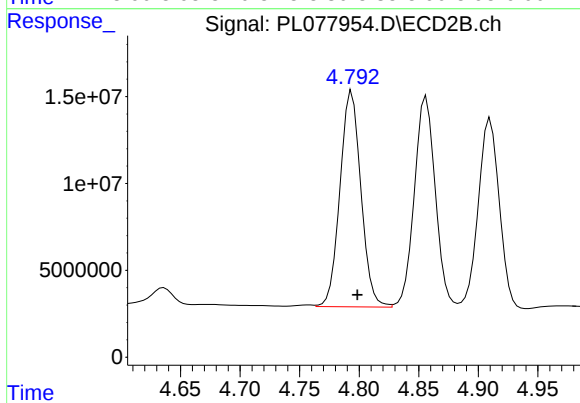
#9 Endosulfan I

R.T.: 4.910 min
Delta R.T.: -0.005 min
Response: 134093324
Conc: 42.50 ng/ml



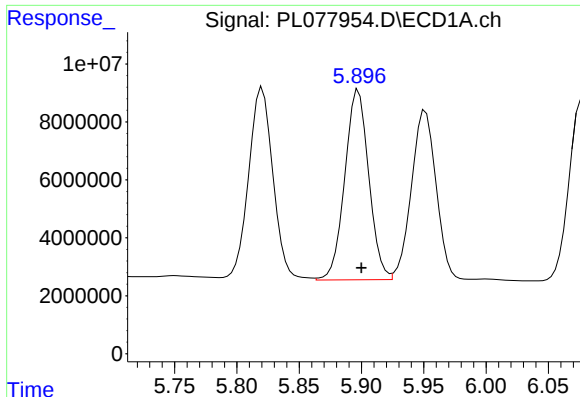
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: -0.002 min
Response: 91708158
Conc: 52.38 ng/ml



#10 gamma-Chlordane

R.T.: 4.794 min
Delta R.T.: -0.005 min
Response: 152100342
Conc: 44.63 ng/ml



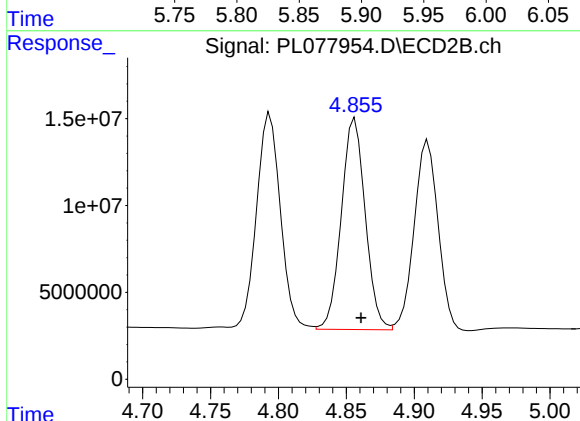
#11 alpha-Chlordane

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 88215107
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147959BS

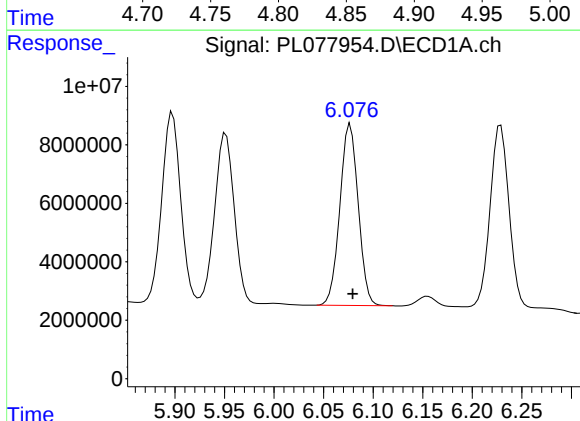
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2022
Supervised By :Ankita Jodhani 09/29/2022



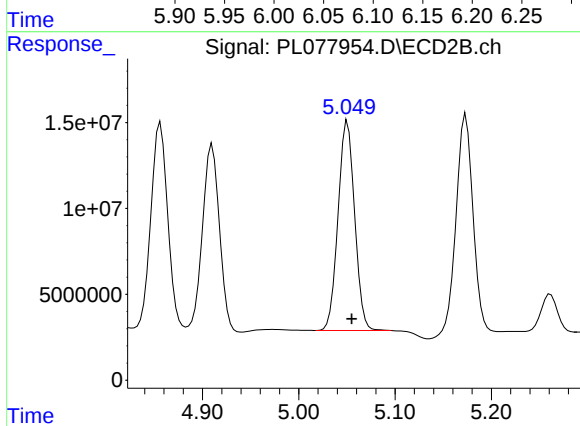
#11 alpha-Chlordane

R.T.: 4.856 min
Delta R.T.: -0.004 min
Response: 149389740
Conc: 45.11 ng/ml



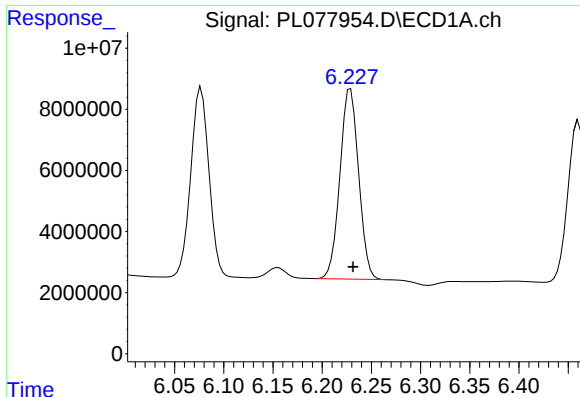
#12 4,4'-DDE

R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 79987941
Conc: 50.25 ng/ml



#12 4,4'-DDE

R.T.: 5.051 min
Delta R.T.: -0.004 min
Response: 145824794
Conc: 44.82 ng/ml



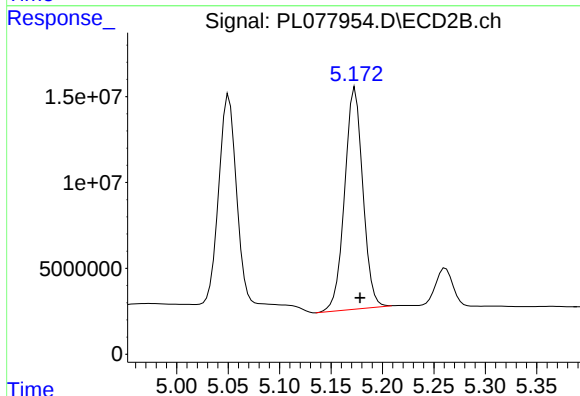
#13 Dieldrin

R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 82438034
Conc: 51.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147959BS

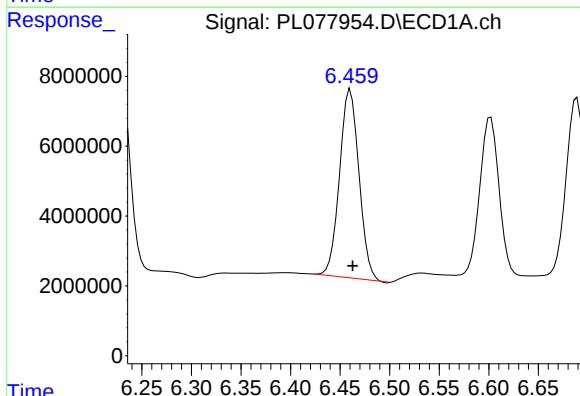
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2022
Supervised By :Ankita Jodhani 09/29/2022



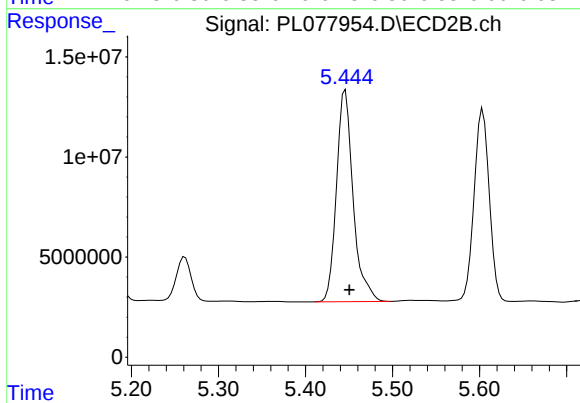
#13 Dieldrin

R.T.: 5.174 min
Delta R.T.: -0.005 min
Response: 159431207
Conc: 48.08 ng/ml



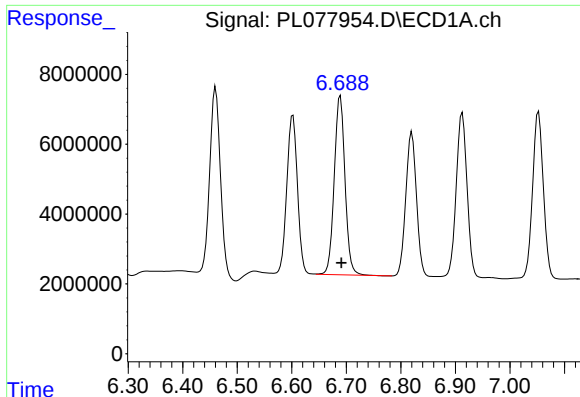
#14 Endrin

R.T.: 6.460 min
Delta R.T.: -0.002 min
Response: 73252891
Conc: 52.97 ng/ml



#14 Endrin

R.T.: 5.446 min
Delta R.T.: -0.005 min
Response: 140621142
Conc: 49.32 ng/ml



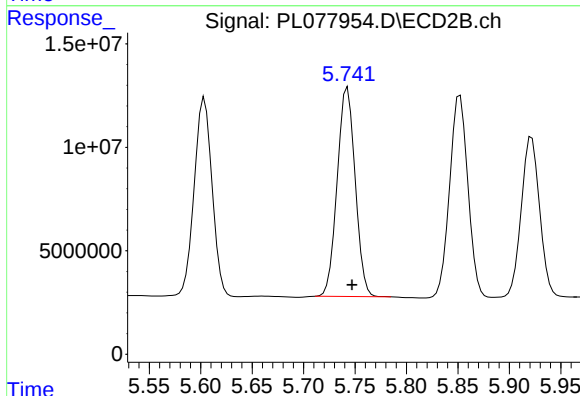
#15 Endosulfan II

R.T.: 6.689 min
Delta R.T.: -0.002 min
Response: 70440081
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147959BS

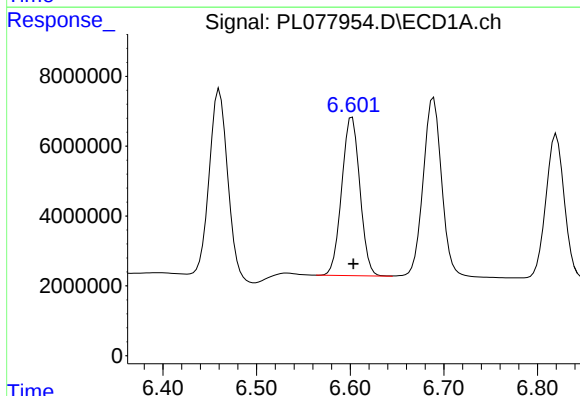
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2022
Supervised By :Ankita Jodhani 09/29/2022



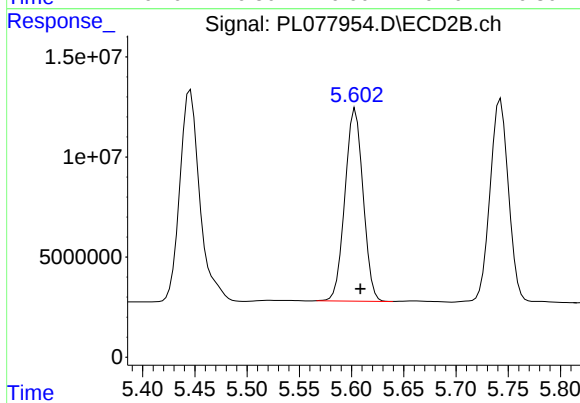
#15 Endosulfan II

R.T.: 5.743 min
Delta R.T.: -0.004 min
Response: 122843522
Conc: 46.62 ng/ml



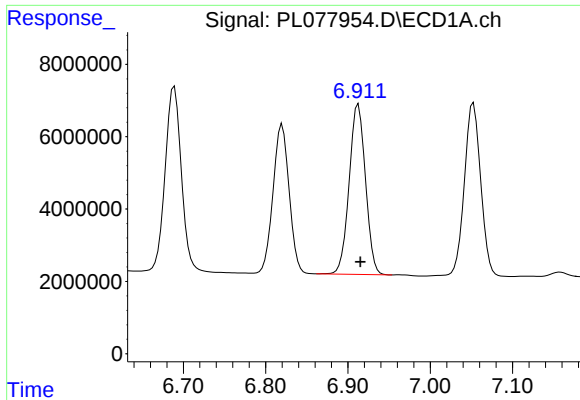
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: -0.002 min
Response: 61238078
Conc: 52.30 ng/ml



#16 4,4'-DDD

R.T.: 5.604 min
Delta R.T.: -0.005 min
Response: 116150203
Conc: 44.84 ng/ml



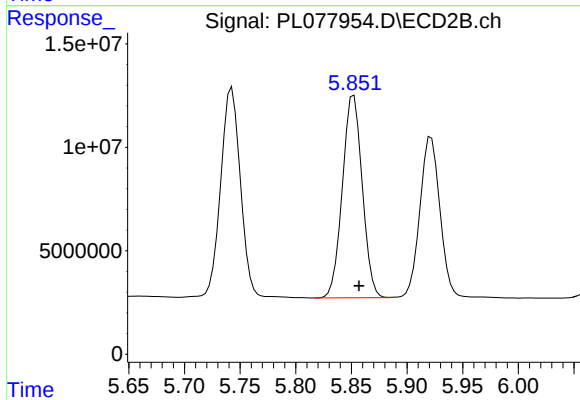
#17 4,4'-DDT

R.T.: 6.913 min
Delta R.T.: -0.002 min
Response: 64823782
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147959BS

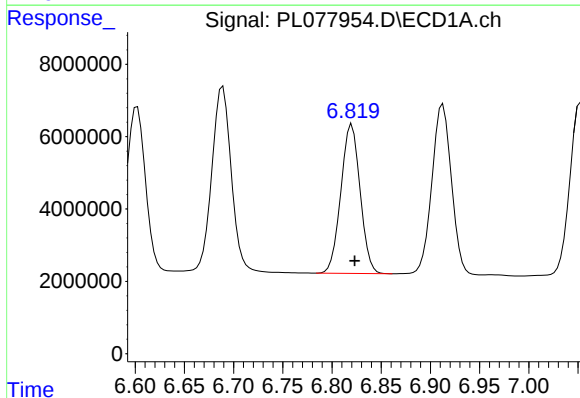
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2022
Supervised By :Ankita Jodhani 09/29/2022



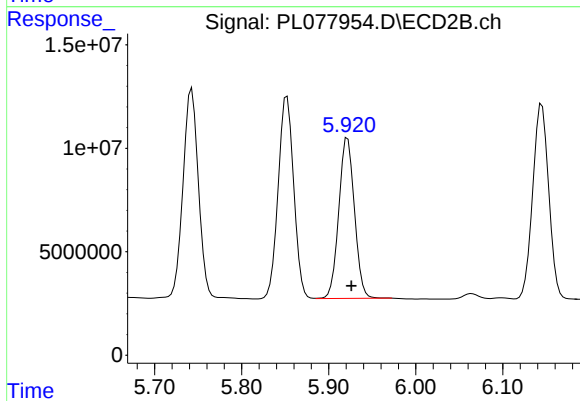
#17 4,4'-DDT

R.T.: 5.852 min
Delta R.T.: -0.005 min
Response: 121437722
Conc: 46.09 ng/ml



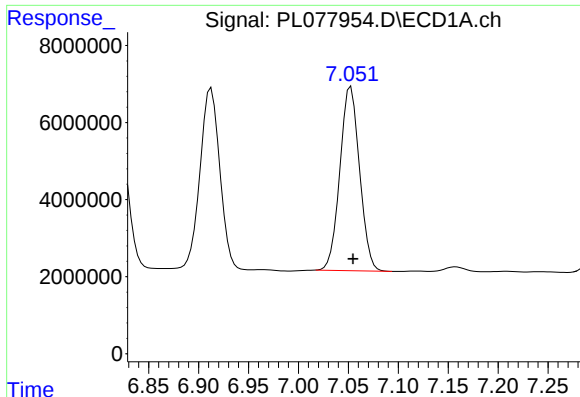
#18 Endrin aldehyde

R.T.: 6.820 min
Delta R.T.: -0.003 min
Response: 55945223
Conc: 52.90 ng/ml



#18 Endrin aldehyde

R.T.: 5.922 min
Delta R.T.: -0.004 min
Response: 96997877
Conc: 47.01 ng/ml



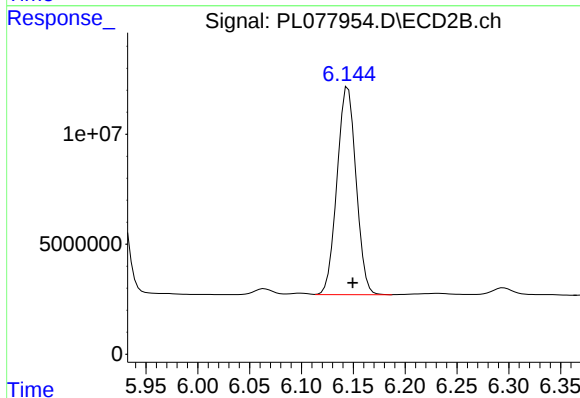
#19 Endosulfan Sulfate

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 65426023
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147959BS

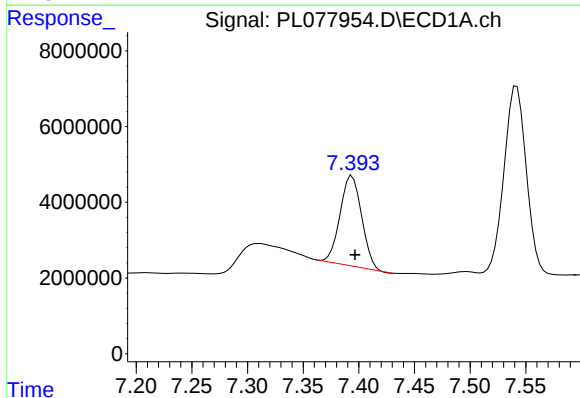
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2022
Supervised By :Ankita Jodhani 09/29/2022



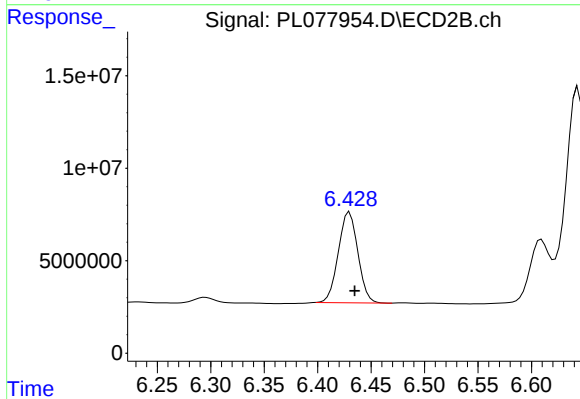
#19 Endosulfan Sulfate

R.T.: 6.145 min
Delta R.T.: -0.005 min
Response: 120782394
Conc: 44.91 ng/ml



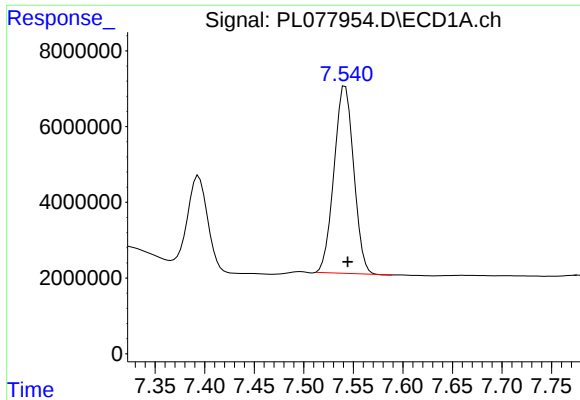
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: -0.003 min
Response: 31672676
Conc: 47.96 ng/ml



#20 Methoxychlor

R.T.: 6.430 min
Delta R.T.: -0.005 min
Response: 62364994
Conc: 45.54 ng/ml



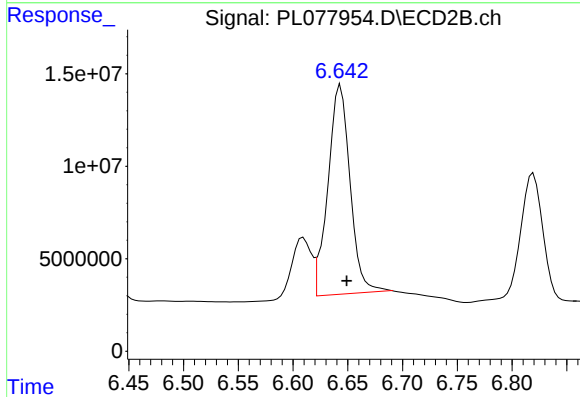
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 68289239
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147959BS

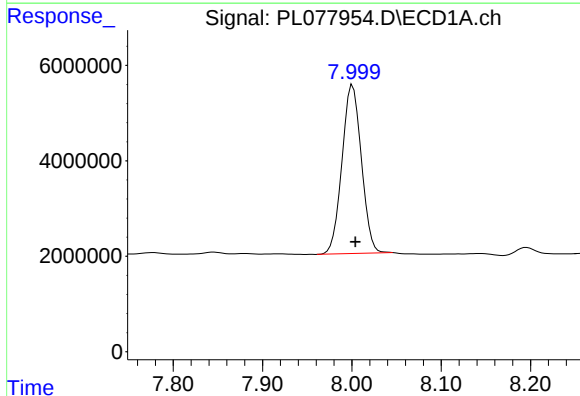
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2022
Supervised By :Ankita Jodhani 09/29/2022



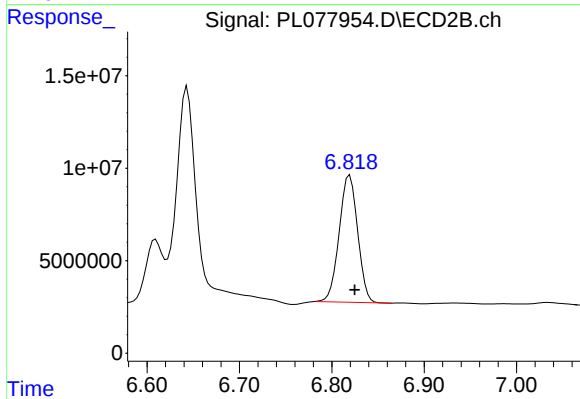
#21 Endrin ketone

R.T.: 6.643 min
Delta R.T.: -0.006 min
Response: 159330581
Conc: 52.61 ng/ml



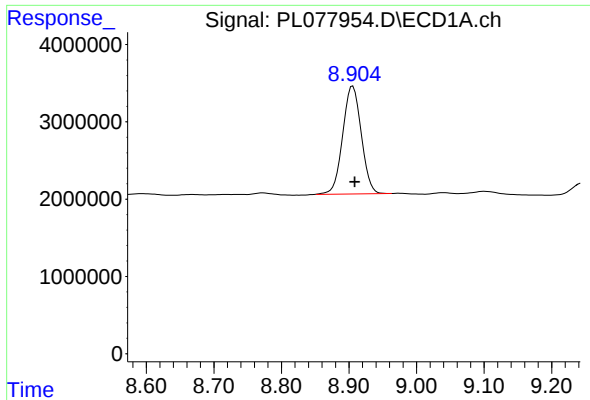
#22 Mirex

R.T.: 8.001 min
Delta R.T.: -0.003 min
Response: 53341332
Conc: 50.80 ng/ml



#22 Mirex

R.T.: 6.819 min
Delta R.T.: -0.006 min
Response: 95350212
Conc: 44.35 ng/ml



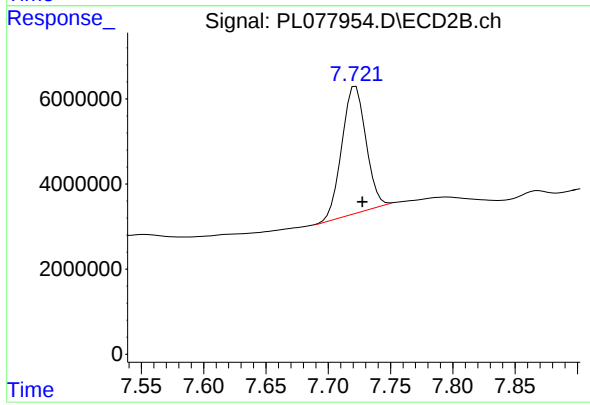
#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: -0.003 min
Response: 26604312
Conc: 20.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147959BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2022
Supervised By :Ankita Jodhani 09/29/2022



#28 Decachlorobiphenyl

R.T.: 7.722 min
Delta R.T.: -0.005 min
Response: 40140760
Conc: 15.99 ng/ml