

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100720\
 Data File : PL062095.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2020 18:48
 Operator : DD\AJ
 Sample : L4260-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PAV-B21-100220-0-10MSD

Manual Integrations
 APPROVED

Ankita
 10/8/2020 3:25:22 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 19:05:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092320.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 23 13:58:40 2020
 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...	3.458	4.008	31175422	47885450	18.274	17.552
28)	SA Decachlor...	8.211	9.098	36136252	49634802	22.214	22.547
Target Compounds							
2)	A alpha-BHC	3.894	4.398	126.9E6	211.2E6	52.075	52.867
3)	MA gamma-BHC...	4.177	4.683	115.0E6	192.6E6	52.595	52.024
4)	MA Heptachlor	4.479	5.194	104.0E6	183.9E6	50.984	53.107
5)	MB Aldrin	4.727	5.500	94972773	170.7E6	52.637	52.704
6)	B beta-BHC	4.427	4.855	47890328	77747418	52.436m	51.490
7)	B delta-BHC	4.632	5.072	110.1E6	170.7E6	53.685	66.999
8)	B Heptachlo...	5.170	5.888	92102857	157.1E6	52.755	63.397
9)	A Endosulfan I	5.508	6.246	85437068	145.4E6	52.725	52.626
10)	B gamma-Chl...	5.397	6.123	91045133	157.8E6	52.425	53.719
11)	B alpha-Chl...	5.455	6.196	91360070	157.7E6	52.595	52.516
12)	B 4,4'-DDE	5.620	6.354	84402395	146.6E6	53.703	53.720
13)	MA Dieldrin	5.751	6.504	88970438	149.5E6	52.899	52.686
14)	MA Endrin	6.008	6.722	76460200	115.3E6	48.052	47.257
15)	B Endosulfa...	6.281	6.932	83124195	130.5E6	51.412	50.507
16)	A 4,4'-DDD	6.135	6.845	75858598	124.7E6	57.294	56.089
17)	MA 4,4'-DDT	6.376	7.145	62814039	102.9E6	49.794	46.975
18)	B Endrin al...	6.449	7.057	71987245	112.2E6	51.193	52.426
19)	B Endosulfa...	6.662	7.280	81485066	123.6E6	52.671	52.771
20)	A Methoxychlor	6.922	7.606	37575124	57342559	46.474	45.511
21)	B Endrin ke...	7.152	7.753	97430376	134.6E6	57.010	57.360
22)	Mirex	7.341	8.209	69409476	94974521	49.511	53.903

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100720\
Data File : PL062095.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2020 18:48
Operator : DD\AJ
Sample : L4260-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

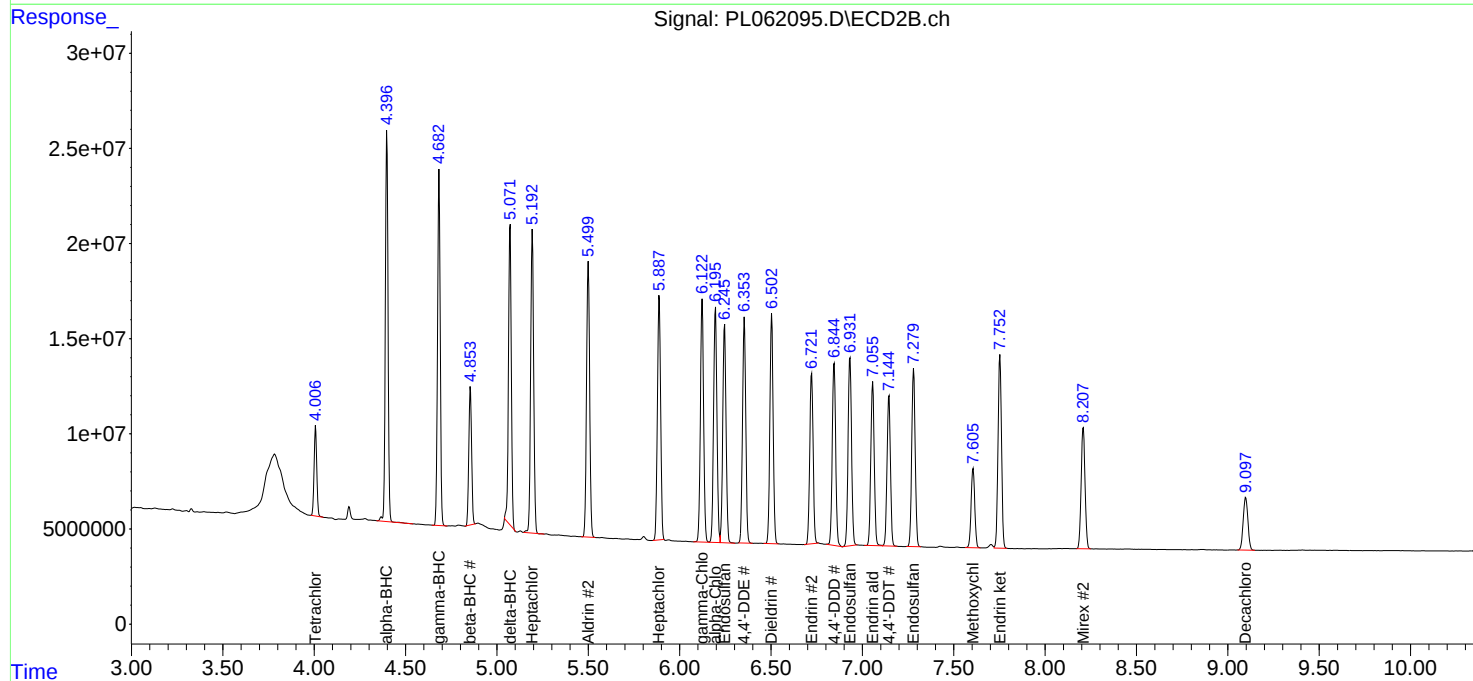
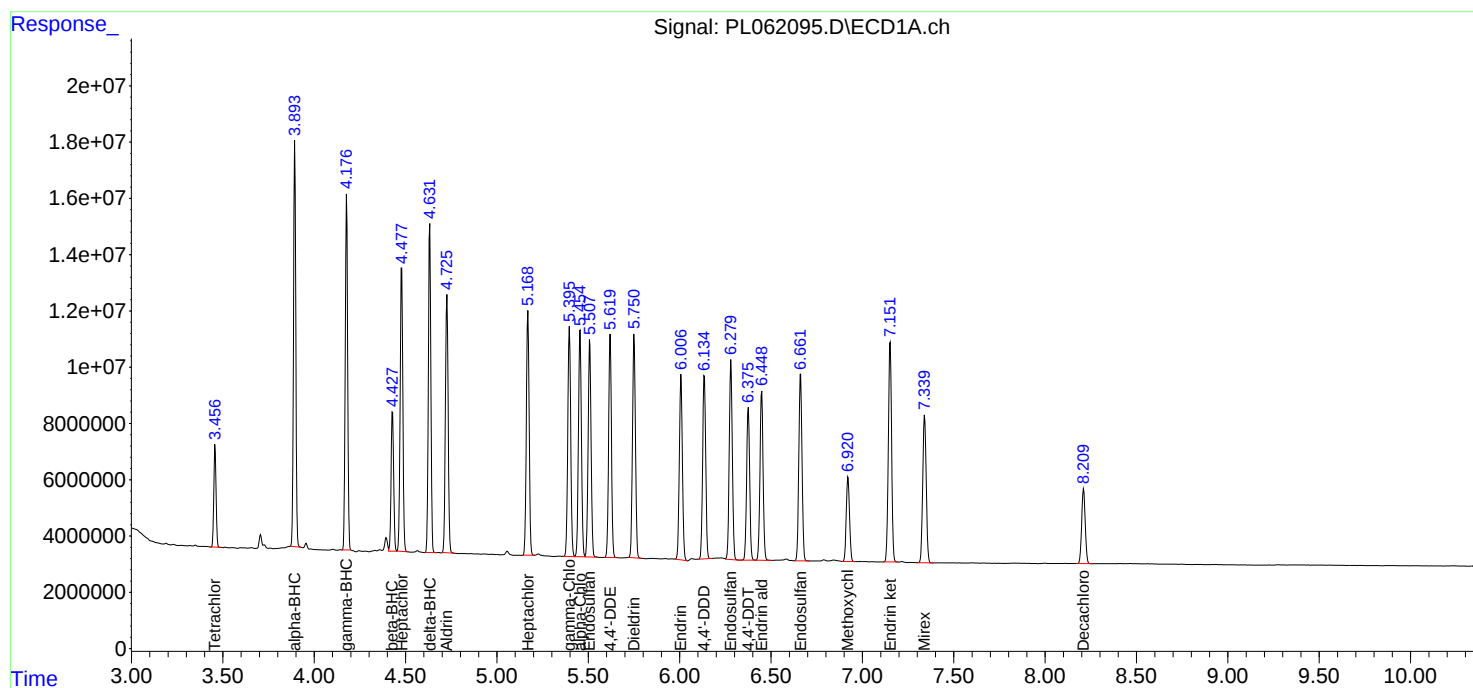
Instrument :
ECD_L
ClientSampleId :
PAV-B21-100220-0-10MSD

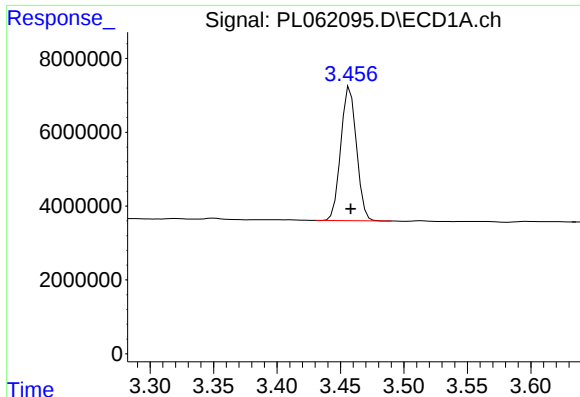
Manual Integrations
APPROVED

Ankita
10/8/2020 3:25:22 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 19:05:02 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092320.M
Quant Title : GC Extractables
QLast Update : Wed Sep 23 13:58:40 2020
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





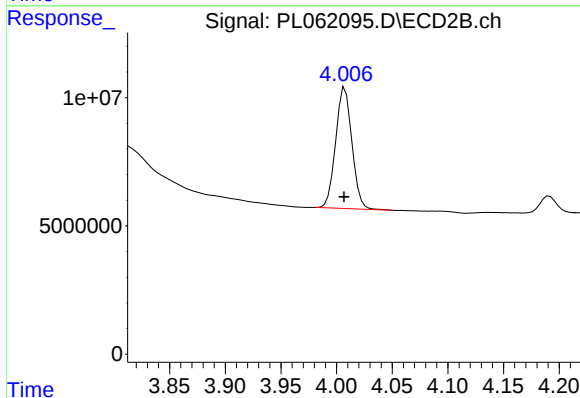
#1 Tetrachloro-m-xylene

R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 31175422
Conc: 18.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAV-B21-100220-0-10MSD

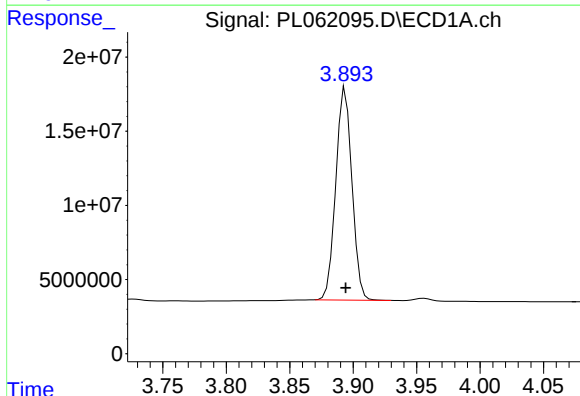
Manual Integrations
APPROVED

Ankita
10/8/2020 3:25:22 PM



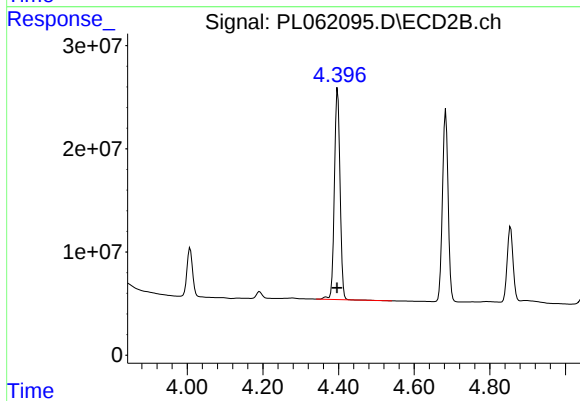
#1 Tetrachloro-m-xylene

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 47885450
Conc: 17.55 ng/ml



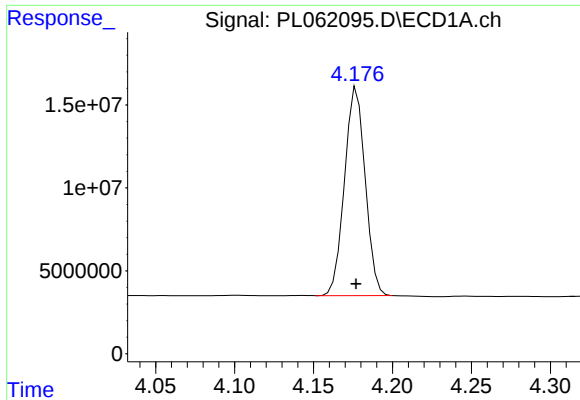
#2 alpha-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 126929644
Conc: 52.08 ng/ml



#2 alpha-BHC

R.T.: 4.398 min
Delta R.T.: 0.001 min
Response: 211168115
Conc: 52.87 ng/ml



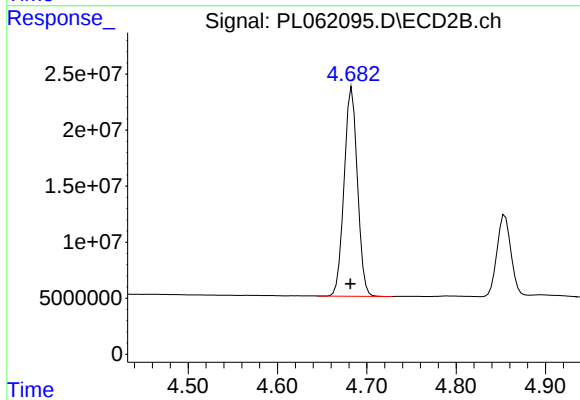
#3 gamma-BHC (Lindane)

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 115036990
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAV-B21-100220-0-10MSD

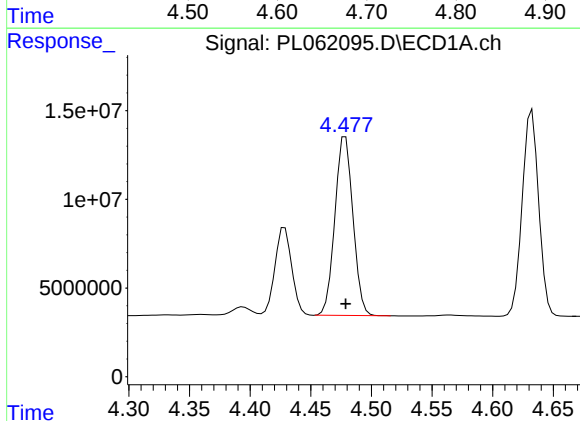
Manual Integrations
APPROVED

Ankita
10/8/2020 3:25:22 PM



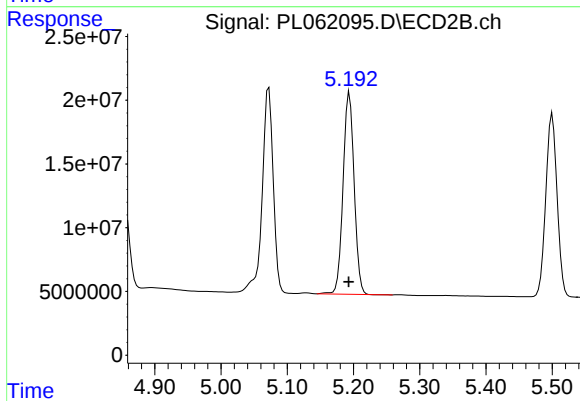
#3 gamma-BHC (Lindane)

R.T.: 4.683 min
Delta R.T.: 0.002 min
Response: 192589000
Conc: 52.02 ng/ml



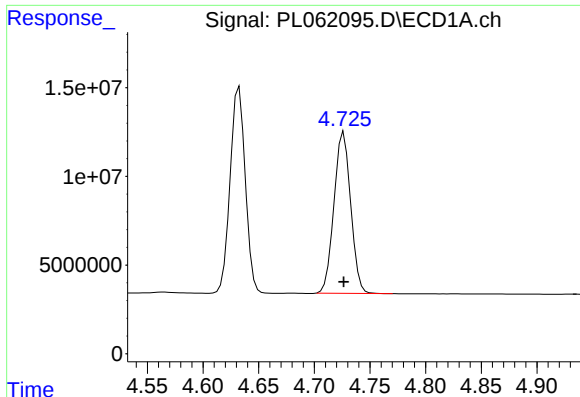
#4 Heptachlor

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 104041420
Conc: 50.98 ng/ml



#4 Heptachlor

R.T.: 5.194 min
Delta R.T.: 0.001 min
Response: 183902961
Conc: 53.11 ng/ml



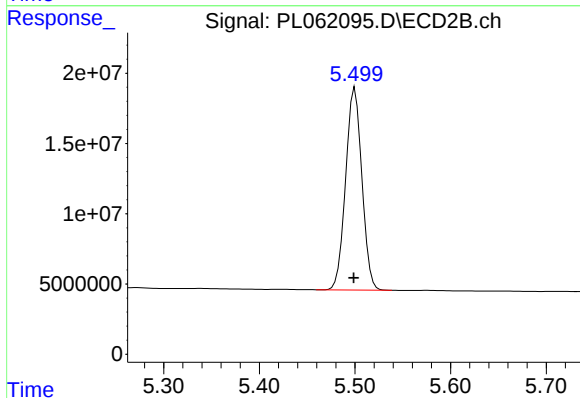
#5 Aldrin

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 94972773
Conc: 52.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAV-B21-100220-0-10MSD

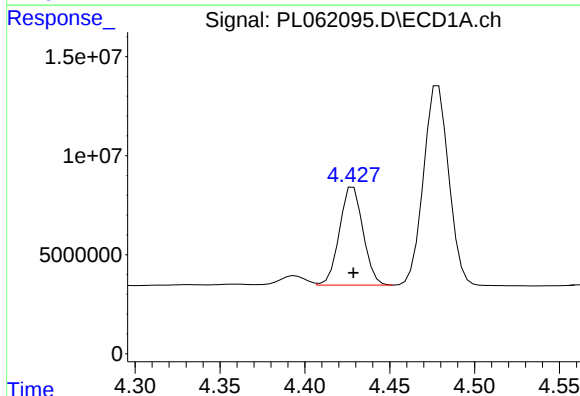
Manual Integrations
APPROVED

Ankita
10/8/2020 3:25:22 PM



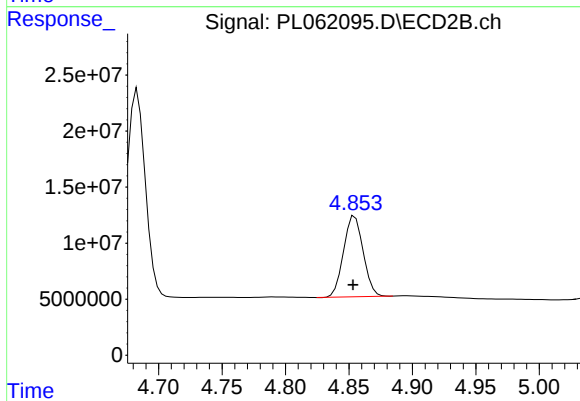
#5 Aldrin

R.T.: 5.500 min
Delta R.T.: 0.001 min
Response: 170734012
Conc: 52.70 ng/ml



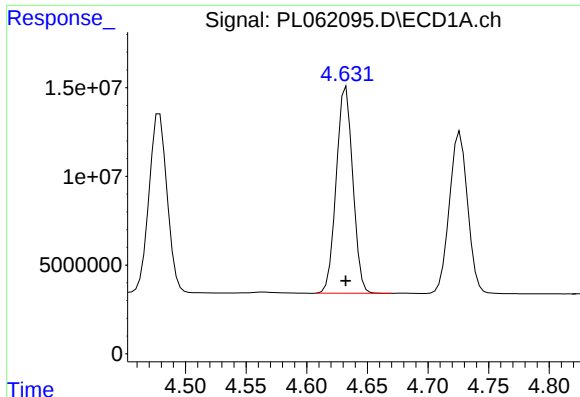
#6 beta-BHC

R.T.: 4.427 min
Delta R.T.: -0.001 min
Response: 47890328
Conc: 52.44 ng/ml m



#6 beta-BHC

R.T.: 4.855 min
Delta R.T.: 0.002 min
Response: 77747418
Conc: 51.49 ng/ml



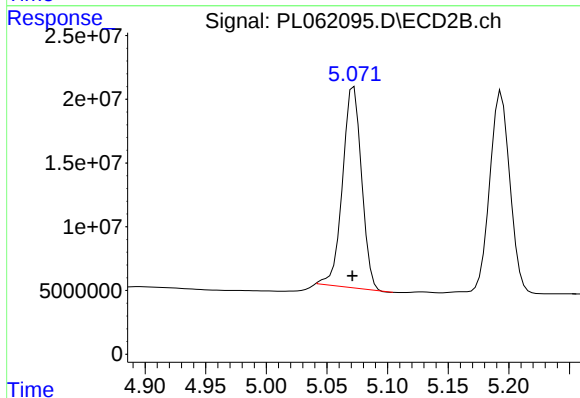
#7 delta-BHC

R.T.: 4.632 min
Delta R.T.: 0.000 min
Response: 110065936
Conc: 53.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAV-B21-100220-0-10MSD

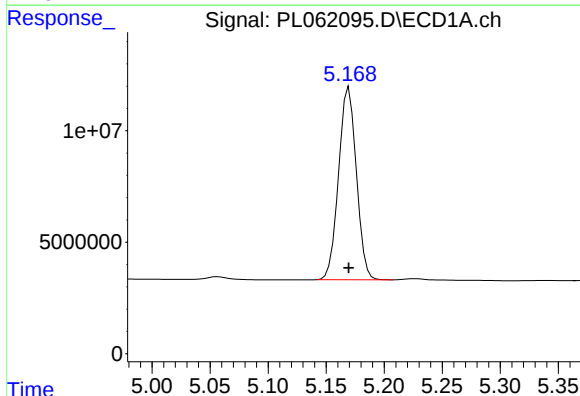
Manual Integrations
APPROVED

Ankita
10/8/2020 3:25:22 PM



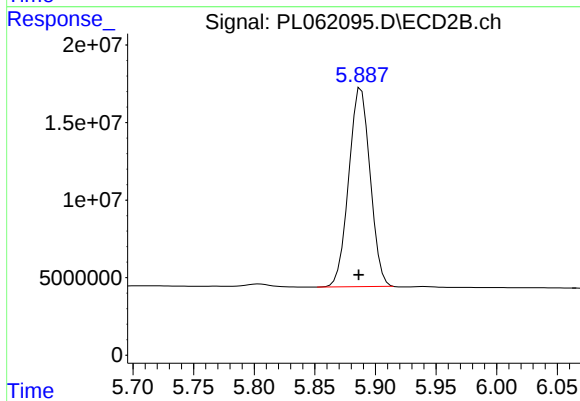
#7 delta-BHC

R.T.: 5.072 min
Delta R.T.: 0.001 min
Response: 170720249
Conc: 67.00 ng/ml



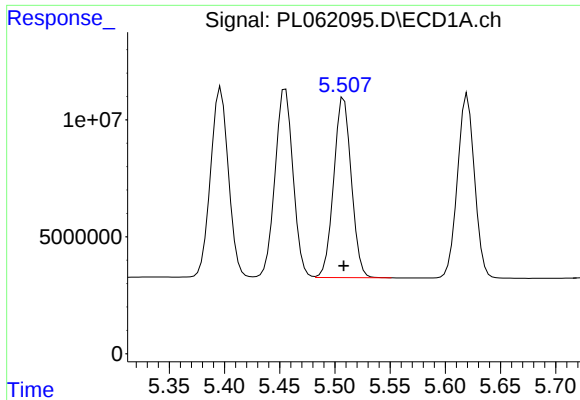
#8 Heptachlor epoxide

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 92102857
Conc: 52.75 ng/ml



#8 Heptachlor epoxide

R.T.: 5.888 min
Delta R.T.: 0.002 min
Response: 157120328
Conc: 63.40 ng/ml



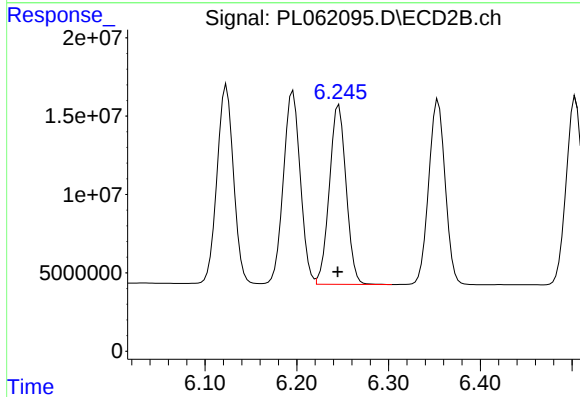
#9 Endosulfan I

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 85437068
Conc: 52.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAV-B21-100220-0-10MSD

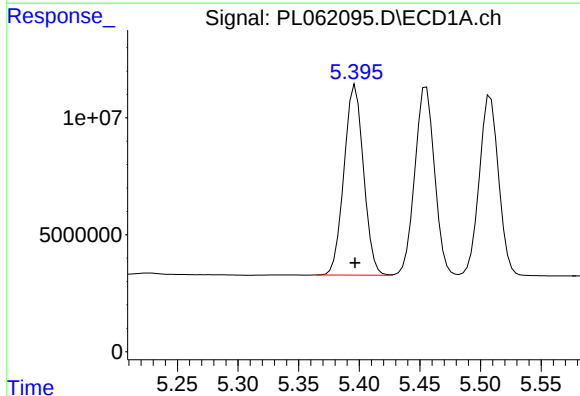
Manual Integrations
APPROVED

Ankita
10/8/2020 3:25:22 PM



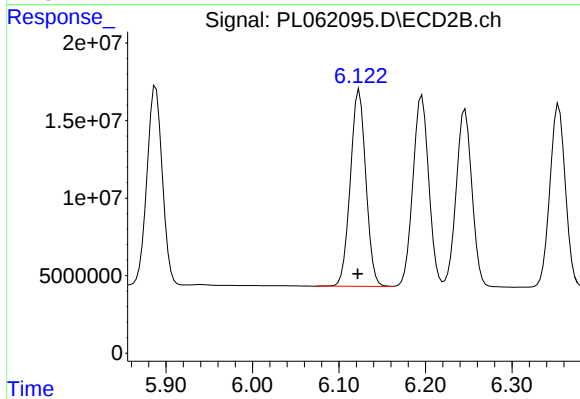
#9 Endosulfan I

R.T.: 6.246 min
Delta R.T.: 0.001 min
Response: 145381399
Conc: 52.63 ng/ml



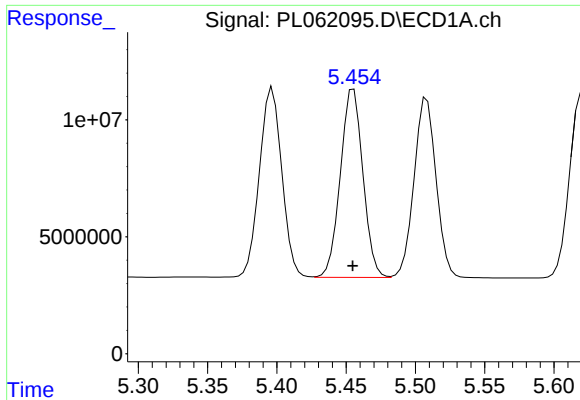
#10 gamma-Chlordane

R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 91045133
Conc: 52.43 ng/ml



#10 gamma-Chlordane

R.T.: 6.123 min
Delta R.T.: 0.002 min
Response: 157754312
Conc: 53.72 ng/ml



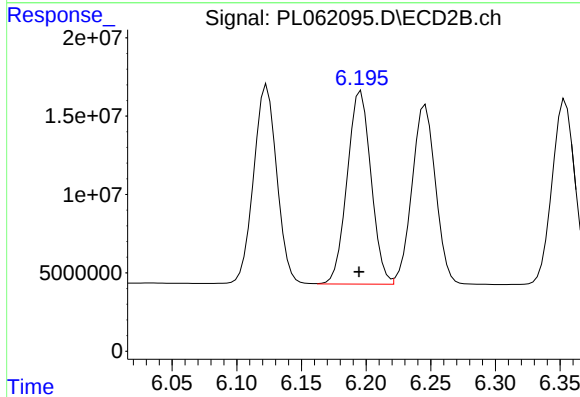
#11 alpha-Chlordane

R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 91360070
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAV-B21-100220-0-10MSD

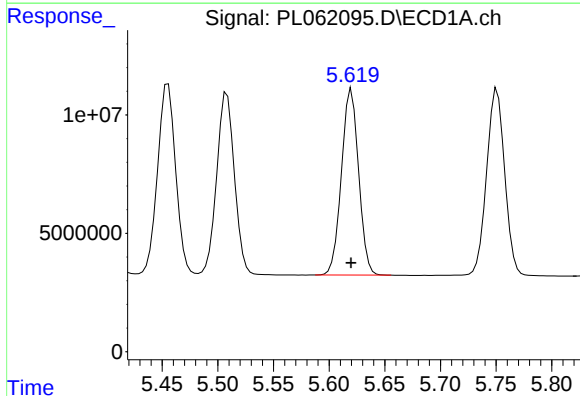
Manual Integrations
APPROVED

Ankita
10/8/2020 3:25:22 PM



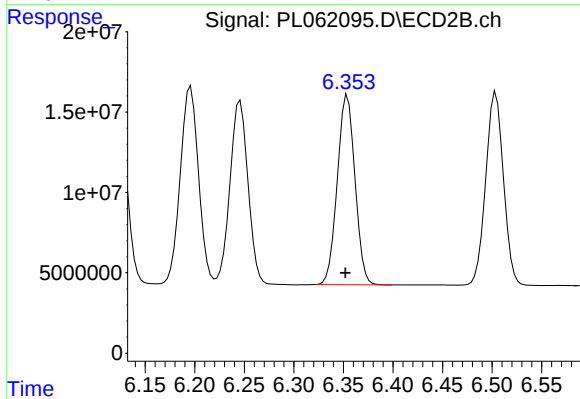
#11 alpha-Chlordane

R.T.: 6.196 min
Delta R.T.: 0.001 min
Response: 157733395
Conc: 52.52 ng/ml



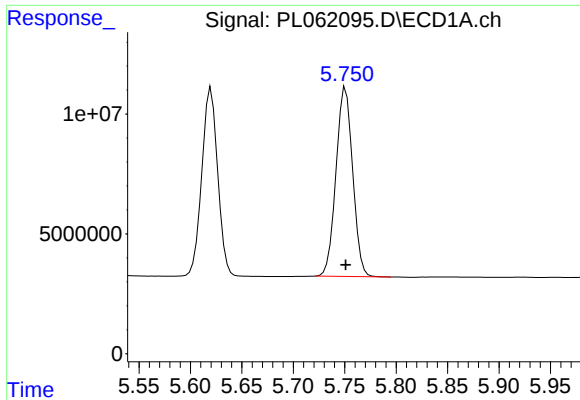
#12 4,4'-DDE

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 84402395
Conc: 53.70 ng/ml



#12 4,4'-DDE

R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 146646128
Conc: 53.72 ng/ml



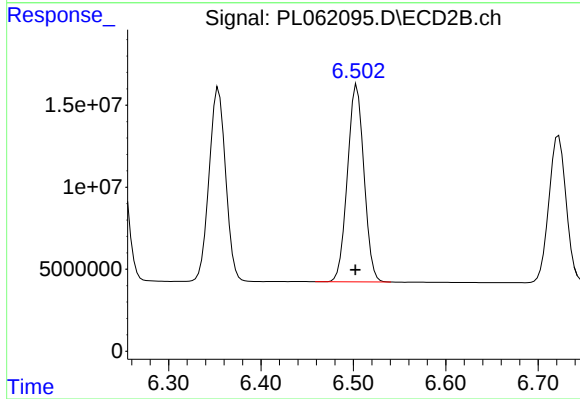
#13 Dieldrin

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 88970438
Conc: 52.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAV-B21-100220-0-10MSD

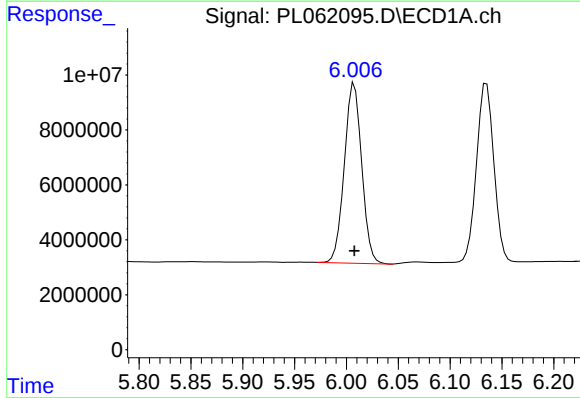
Manual Integrations
APPROVED

Ankita
10/8/2020 3:25:22 PM



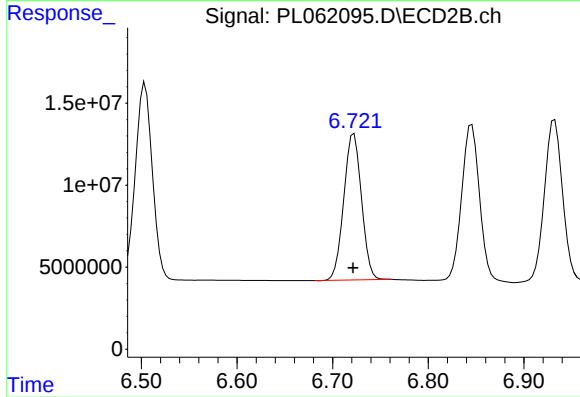
#13 Dieldrin

R.T.: 6.504 min
Delta R.T.: 0.002 min
Response: 149467633
Conc: 52.69 ng/ml



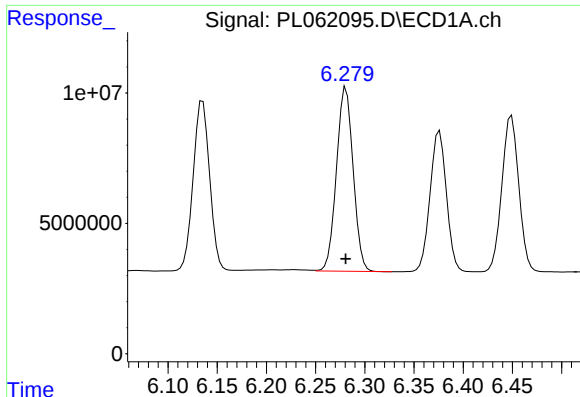
#14 Endrin

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 76460200
Conc: 48.05 ng/ml



#14 Endrin

R.T.: 6.722 min
Delta R.T.: 0.001 min
Response: 115287555
Conc: 47.26 ng/ml



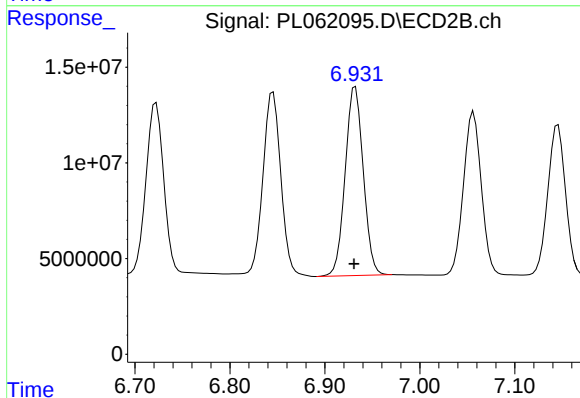
#15 Endosulfan II

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 83124195
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAV-B21-100220-0-10MSD

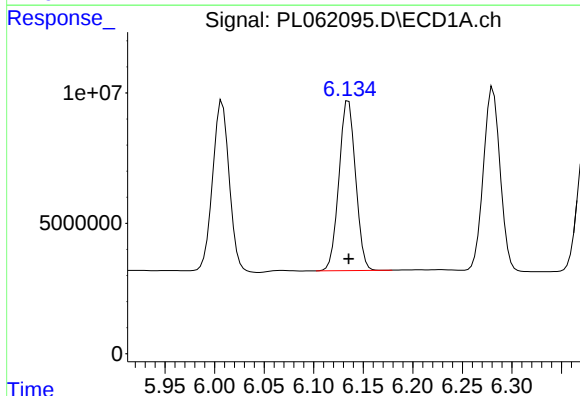
Manual Integrations
APPROVED

Ankita
10/8/2020 3:25:22 PM



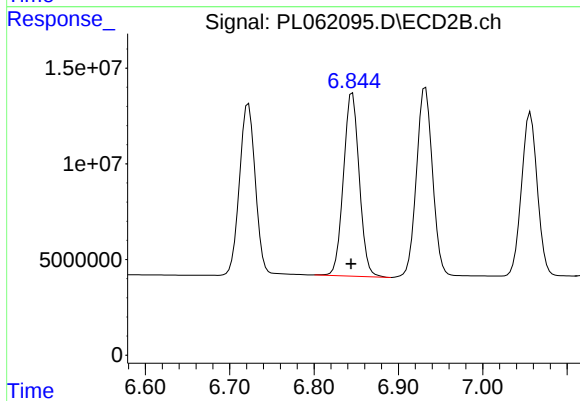
#15 Endosulfan II

R.T.: 6.932 min
Delta R.T.: 0.001 min
Response: 130546576
Conc: 50.51 ng/ml



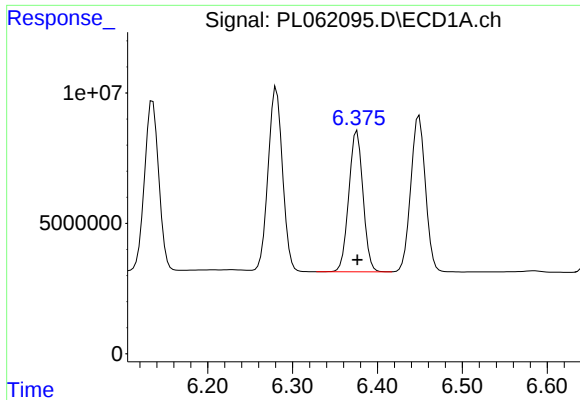
#16 4,4'-DDD

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 75858598
Conc: 57.29 ng/ml



#16 4,4'-DDD

R.T.: 6.845 min
Delta R.T.: 0.002 min
Response: 124690520
Conc: 56.09 ng/ml



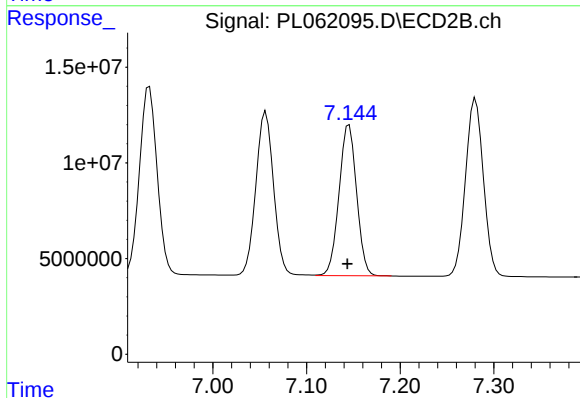
#17 4,4'-DDT

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 62814039
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAV-B21-100220-0-10MSD

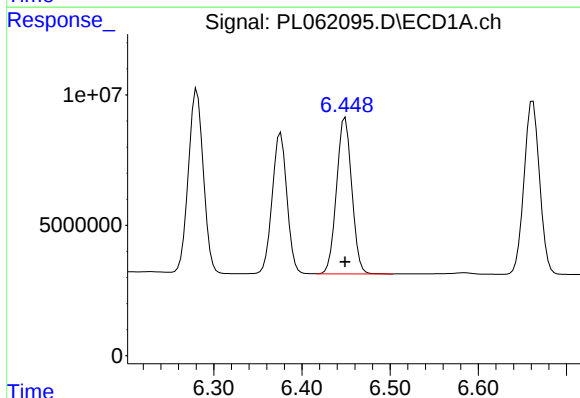
Manual Integrations
APPROVED

Ankita
10/8/2020 3:25:22 PM



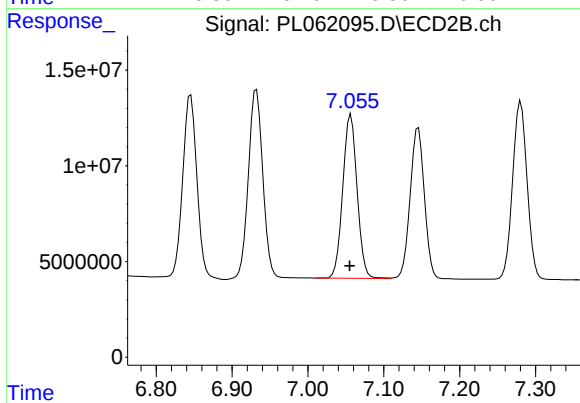
#17 4,4'-DDT

R.T.: 7.145 min
Delta R.T.: 0.002 min
Response: 102865168
Conc: 46.97 ng/ml



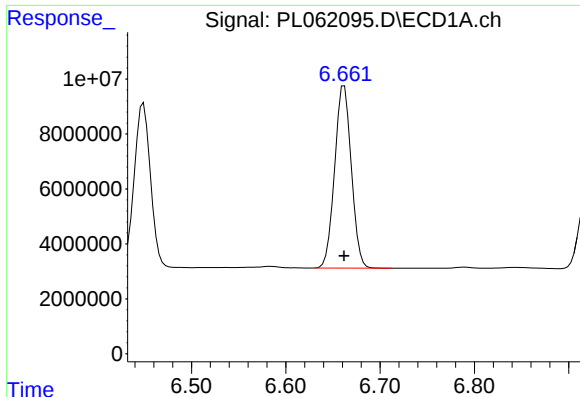
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 71987245
Conc: 51.19 ng/ml



#18 Endrin aldehyde

R.T.: 7.057 min
Delta R.T.: 0.002 min
Response: 112215825
Conc: 52.43 ng/ml



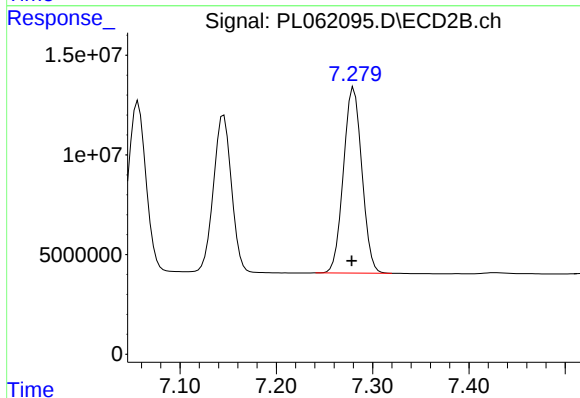
#19 Endosulfan Sulfate

R.T.: 6.662 min
Delta R.T.: 0.000 min
Response: 81485066
Conc: 52.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAV-B21-100220-0-10MSD

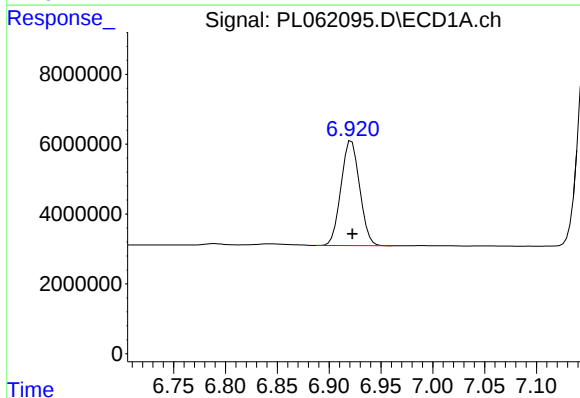
Manual Integrations
APPROVED

Ankita
10/8/2020 3:25:22 PM



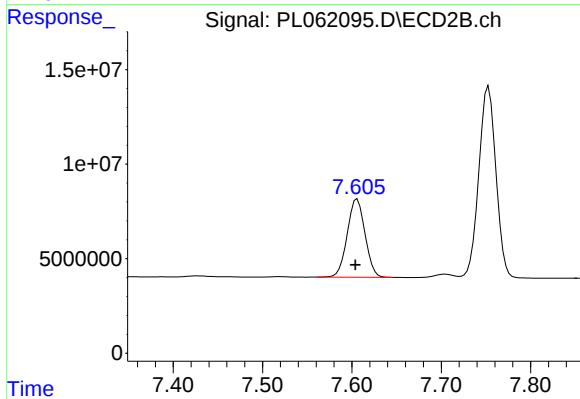
#19 Endosulfan Sulfate

R.T.: 7.280 min
Delta R.T.: 0.002 min
Response: 123569420
Conc: 52.77 ng/ml



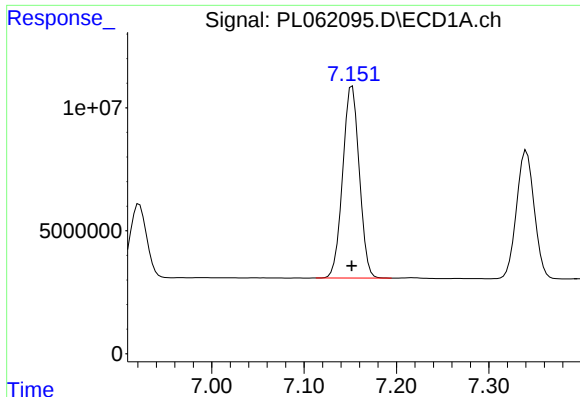
#20 Methoxychlor

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 37575124
Conc: 46.47 ng/ml



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: 0.002 min
Response: 57342559
Conc: 45.51 ng/ml



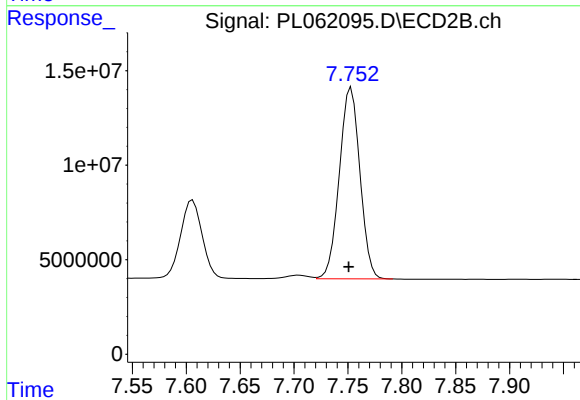
#21 Endrin ketone

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 97430376
Conc: 57.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAV-B21-100220-0-10MSD

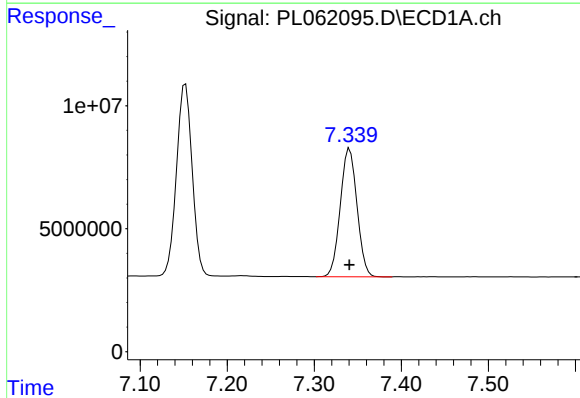
Manual Integrations
APPROVED

Ankita
10/8/2020 3:25:22 PM



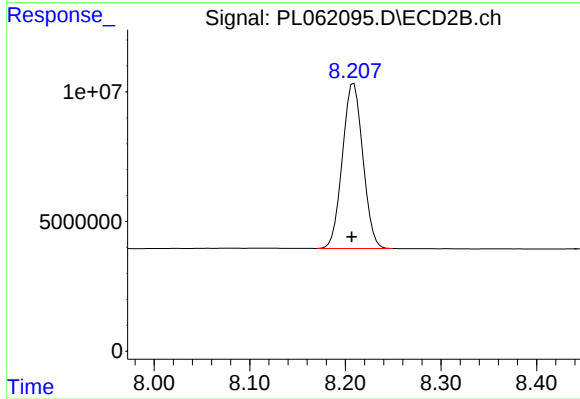
#21 Endrin ketone

R.T.: 7.753 min
Delta R.T.: 0.002 min
Response: 134624147
Conc: 57.36 ng/ml



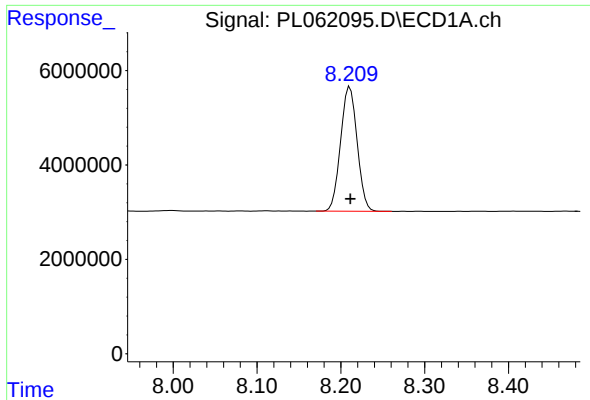
#22 Mirex

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 69409476
Conc: 49.51 ng/ml



#22 Mirex

R.T.: 8.209 min
Delta R.T.: 0.002 min
Response: 94974521
Conc: 53.90 ng/ml



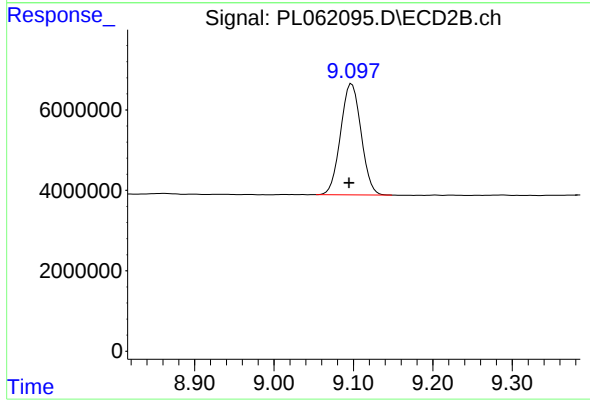
#28 Decachlorobiphenyl

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 36136252
Conc: 22.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAV-B21-100220-0-10MSD

Manual Integrations
APPROVED

Ankita
10/8/2020 3:25:22 PM



#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: 0.003 min
Response: 49634802
Conc: 22.55 ng/ml