

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091423\
 Data File : PD077942.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2023 18:51
 Operator : AR\AJ
 Sample : 04399-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 360MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/14/2023
 Supervised By : Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 22:52:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.541	2.759	51792038	33887373	20.398	21.426
28)	SA Decachlor...	9.081	7.899	55851897	34497108	18.335	19.991
Target Compounds							
2)	A alpha-BHC	3.998	3.261	215.8E6	125.6E6	52.442	54.290
3)	MA gamma-BHC...	4.330	3.591	189.5E6	115.7E6	47.914m	51.758
4)	MA Heptachlor	4.922	3.930	205.5E6	123.7E6	52.463	54.974
5)	MB Aldrin	5.263	4.209	230.2E6	116.2E6	57.233m	51.028
6)	B beta-BHC	4.529	3.888	76615103	50027837	47.475	56.131
7)	B delta-BHC	4.777	4.117	193.0E6	113.8E6	52.351	52.504
8)	B Heptachlo...	5.691	4.711	226.2E6	133.2E6	63.254m	65.692
9)	A Endosulfan I	6.079	5.082	174.8E6	102.1E6	53.131	54.528
10)	B gamma-Chl...	5.950	4.961	236.0E6	134.7E6	67.029	67.029m
11)	B alpha-Chl...	6.030	5.026	330.5E6	178.2E6	92.881	88.450
12)	B 4,4'-DDE	6.202	5.214	191.4E6	128.1E6	59.443	70.173
13)	MA Dieldrin	6.356	5.347	177.4E6	113.3E6	49.857	55.496
14)	MA Endrin	6.586	5.622	144.1E6	98782389	47.503	54.536
15)	B Endosulfa...	6.807	5.918	147.1E6	101.8E6	47.476	59.511 #
16)	A 4,4'-DDD	6.719	5.769	138.7E6	82398758	54.149m	58.965
17)	MA 4,4'-DDT	7.035	6.021	167.5E6	101.3E6	64.048	71.672
18)	B Endrin al...	6.935	6.096	105.9E6	71071550	44.576m	52.652
19)	B Endosulfa...	7.172	6.319	148.0E6	87219759	52.143	54.470
20)	A Methoxychlor	7.512	6.596	67714842	39912112	43.779	51.550
21)	B Endrin ke...	7.657	6.826	168.5E6	95278962	51.854m	50.392
22)	Mirex	8.133	7.007	115.0E6	76358490	47.806	49.866

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091423\
Data File : PD077942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2023 18:51
Operator : AR\AJ
Sample : 04399-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

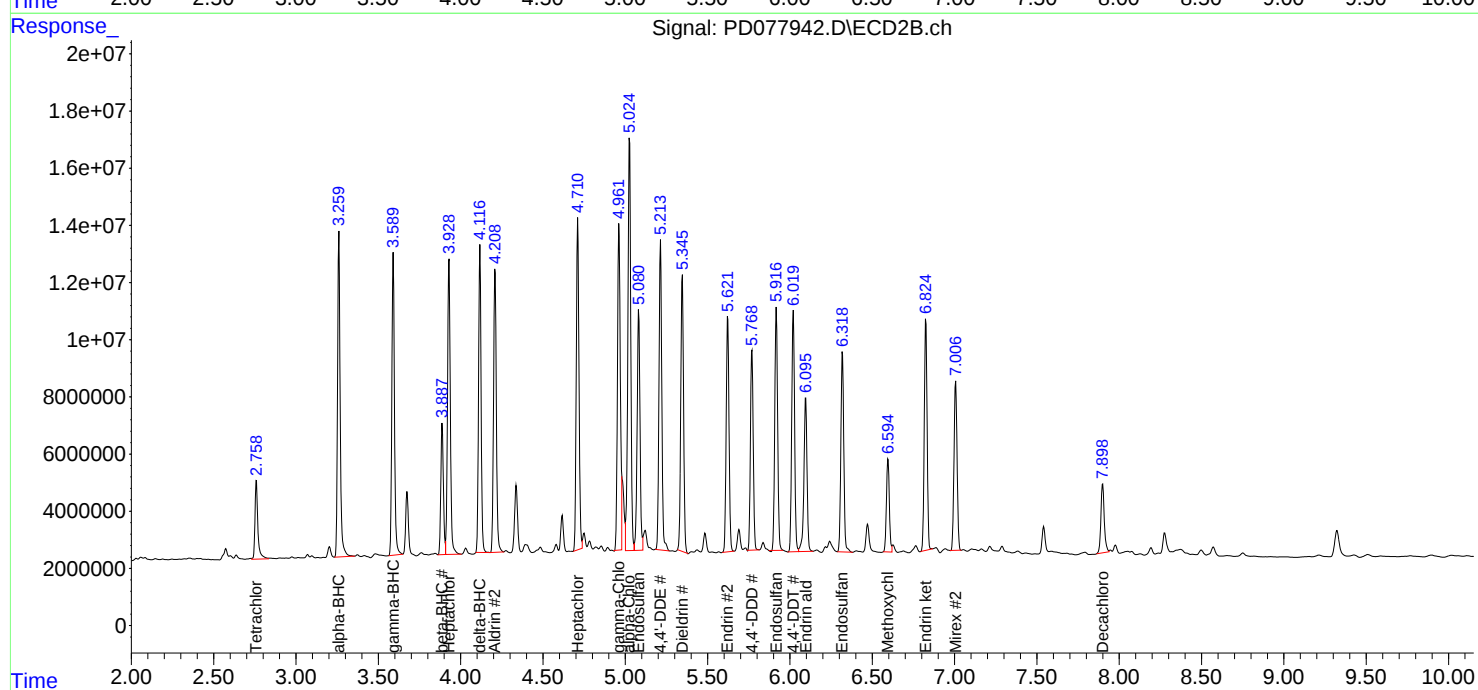
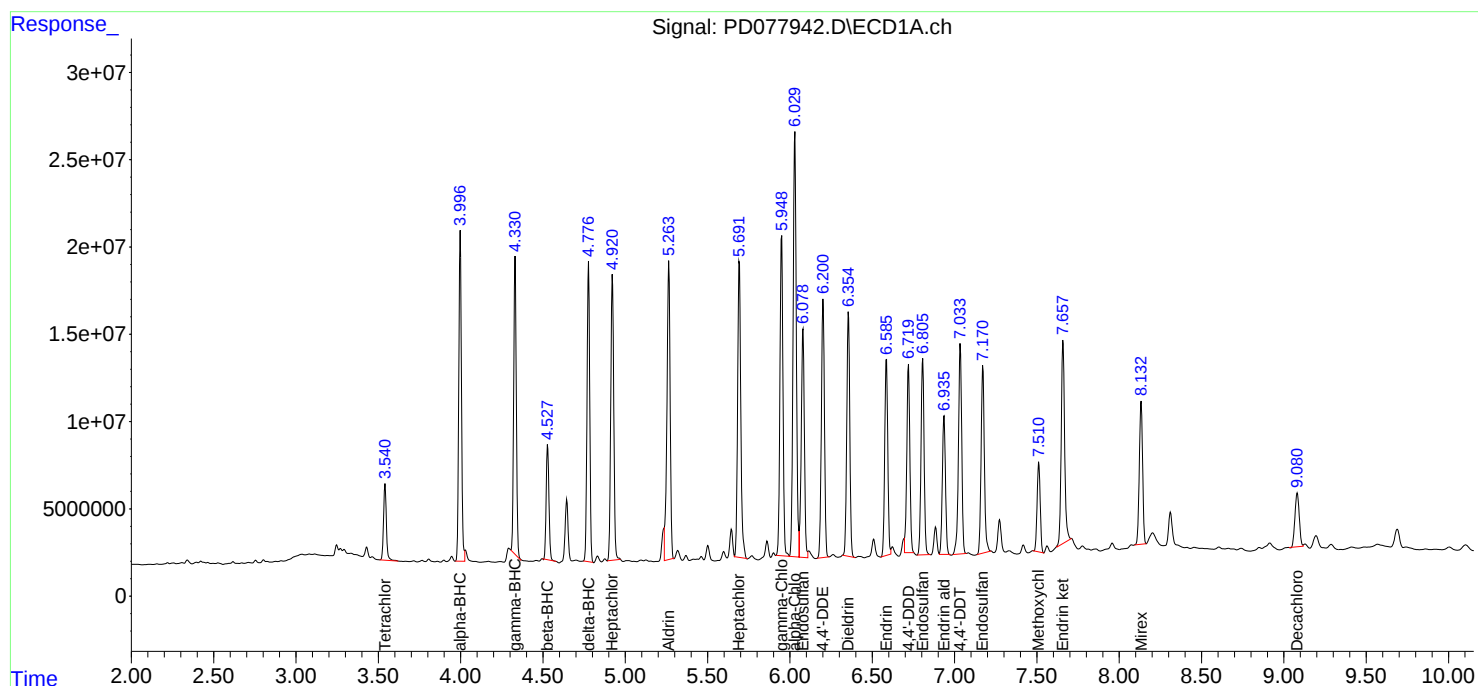
Instrument :
ECD_D
ClientSampleId :
360MSD

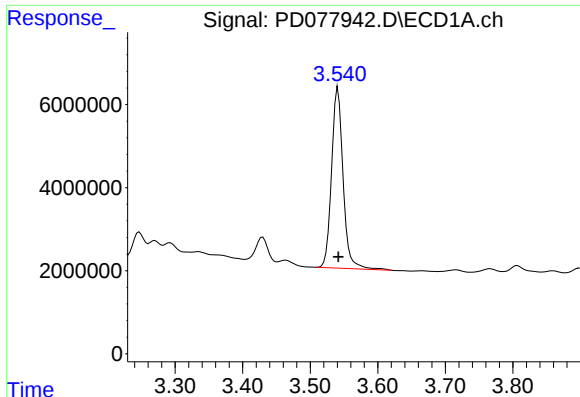
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/14/2023
Supervised By : Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 22:52:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
Quant Title : GC Extractables
QLast Update : Fri Sep 01 16:18:56 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





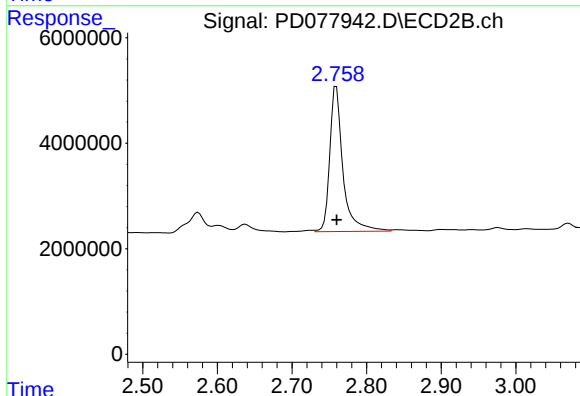
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 51792038
Conc: 20.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MSD

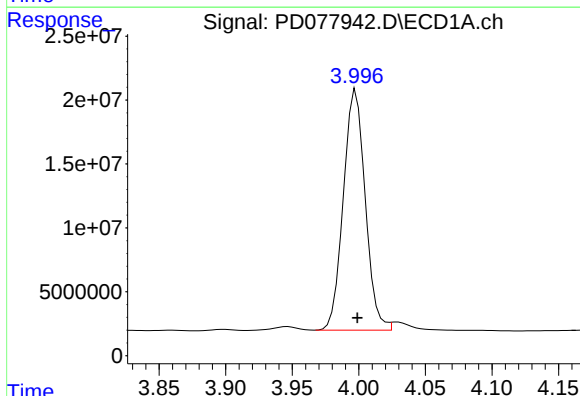
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



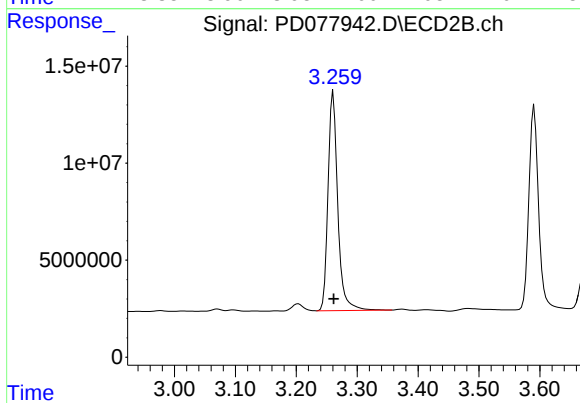
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 33887373
Conc: 21.43 ng/ml



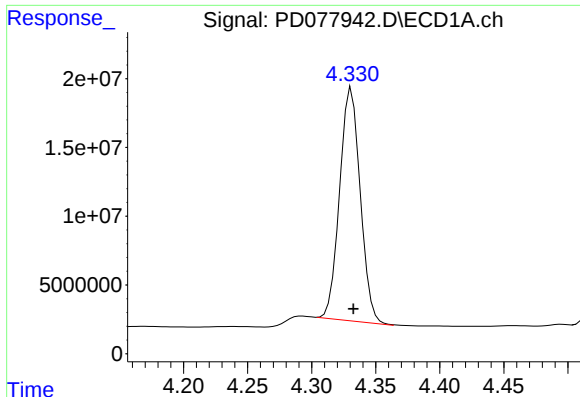
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 215752604
Conc: 52.44 ng/ml



#2 alpha-BHC

R.T.: 3.261 min
Delta R.T.: -0.001 min
Response: 125602635
Conc: 54.29 ng/ml



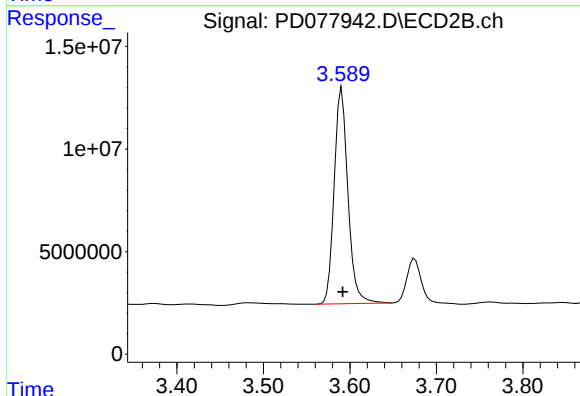
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.003 min
Response: 189545168
Conc: 47.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MSD

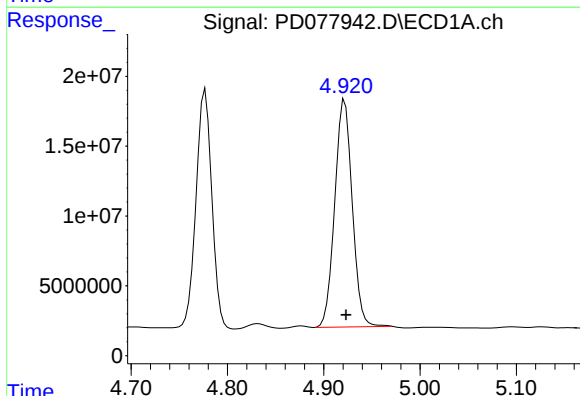
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



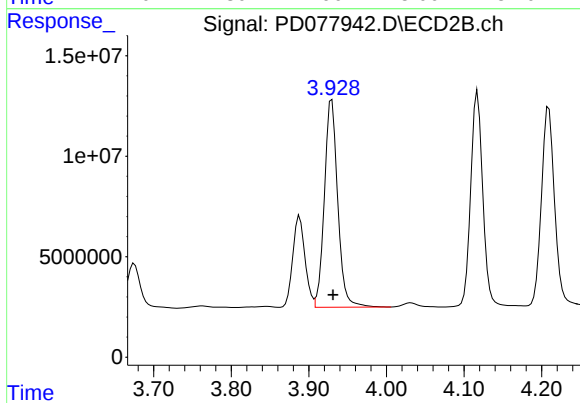
#3 gamma-BHC (Lindane)

R.T.: 3.591 min
Delta R.T.: 0.000 min
Response: 115702800
Conc: 51.76 ng/ml



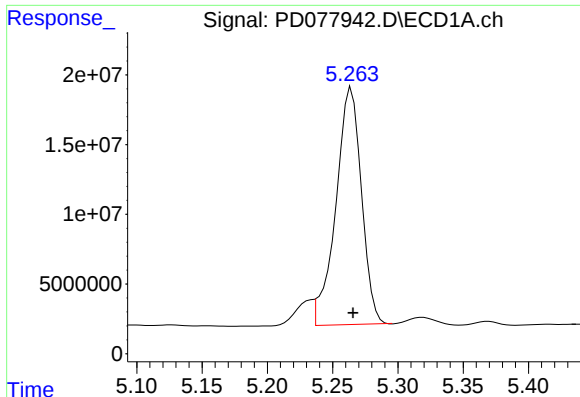
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 205547995
Conc: 52.46 ng/ml



#4 Heptachlor

R.T.: 3.930 min
Delta R.T.: -0.001 min
Response: 123658977
Conc: 54.97 ng/ml



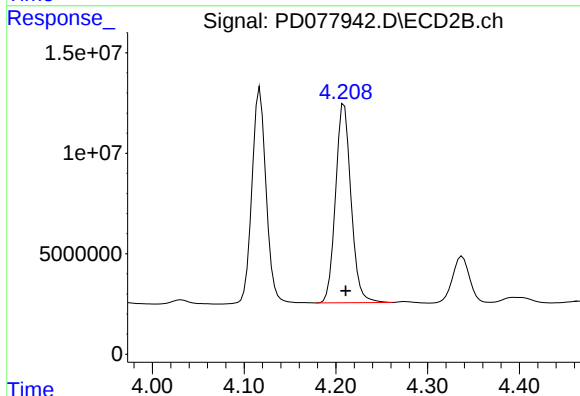
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 230181386
Conc: 57.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MSD

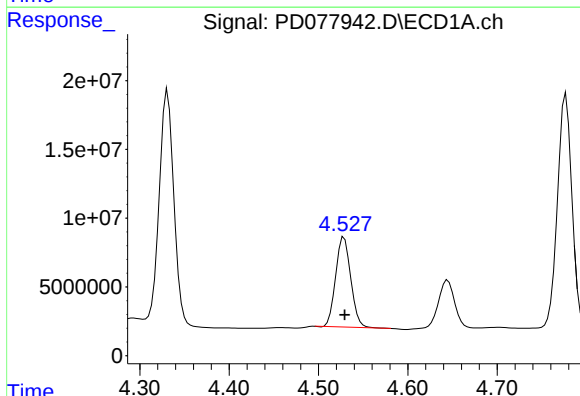
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



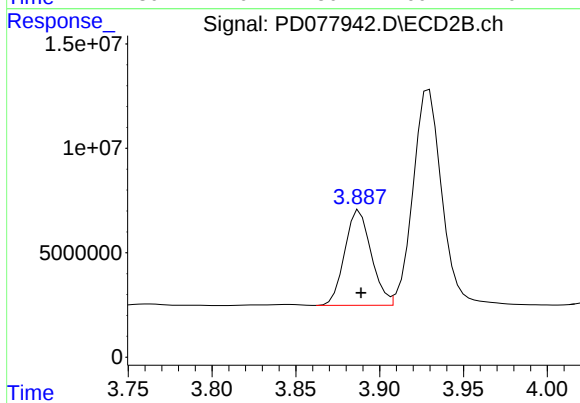
#5 Aldrin

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 116244159
Conc: 51.03 ng/ml



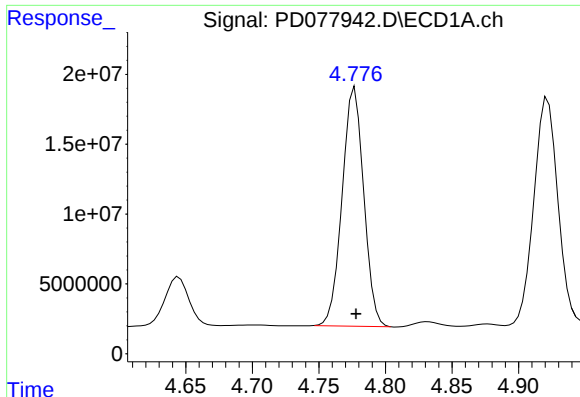
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 76615103
Conc: 47.48 ng/ml



#6 beta-BHC

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 50027837
Conc: 56.13 ng/ml



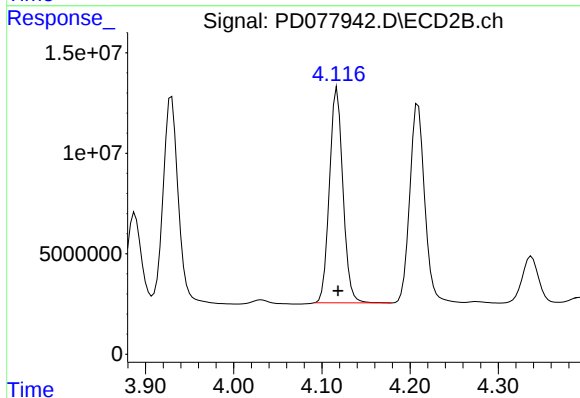
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 192984572
Conc: 52.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MSD

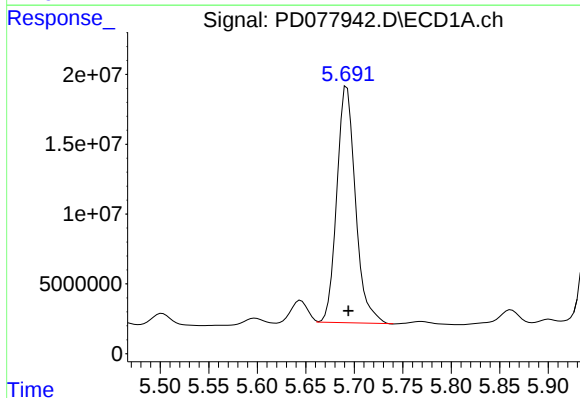
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



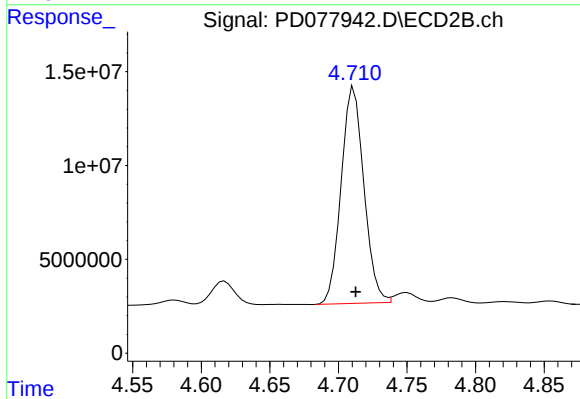
#7 delta-BHC

R.T.: 4.117 min
Delta R.T.: -0.001 min
Response: 113820686
Conc: 52.50 ng/ml



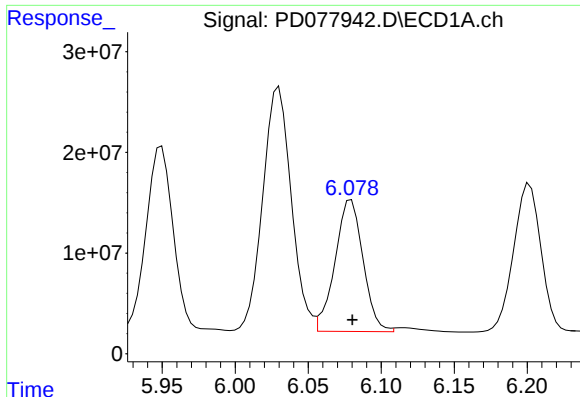
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 226167838
Conc: 63.25 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.711 min
Delta R.T.: -0.001 min
Response: 133237835
Conc: 65.69 ng/ml



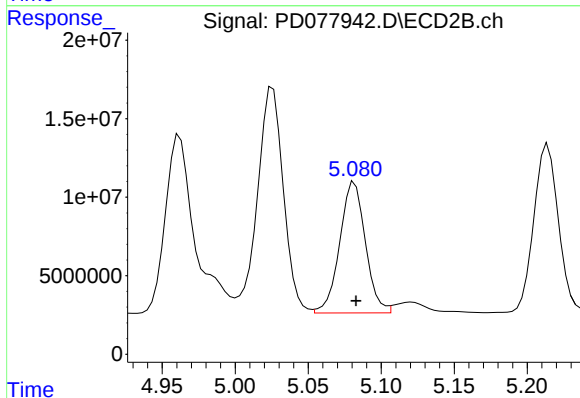
#9 Endosulfan I

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 174750227
Conc: 53.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MSD

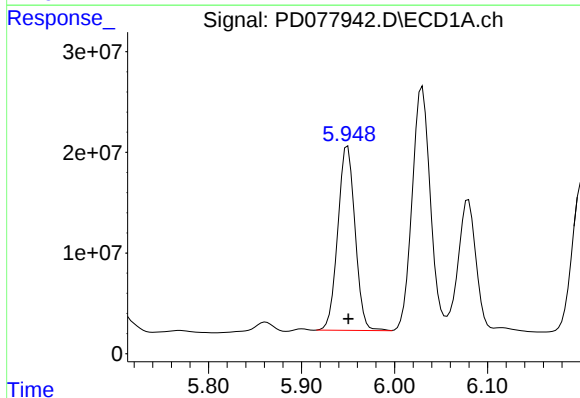
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



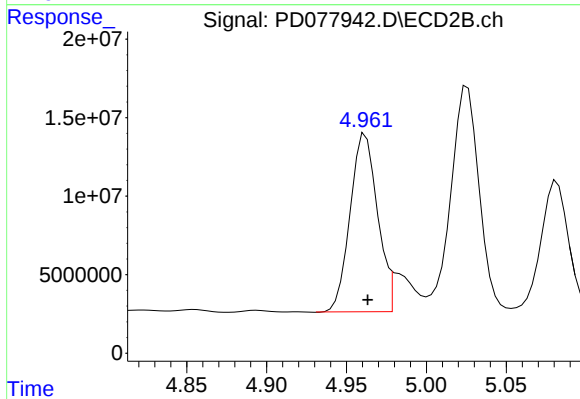
#9 Endosulfan I

R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 102139586
Conc: 54.53 ng/ml



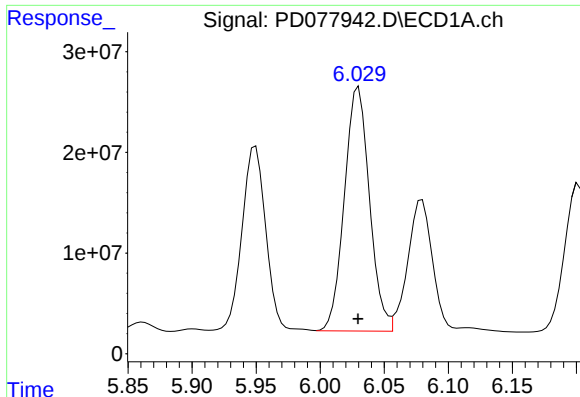
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 235963949
Conc: 67.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 134740629
Conc: 67.03 ng/ml m



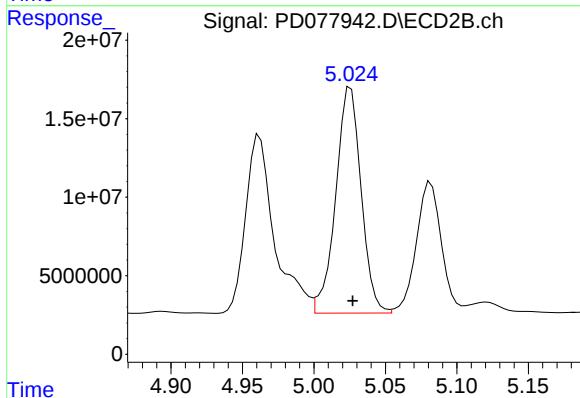
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 330500192
Conc: 92.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MSD

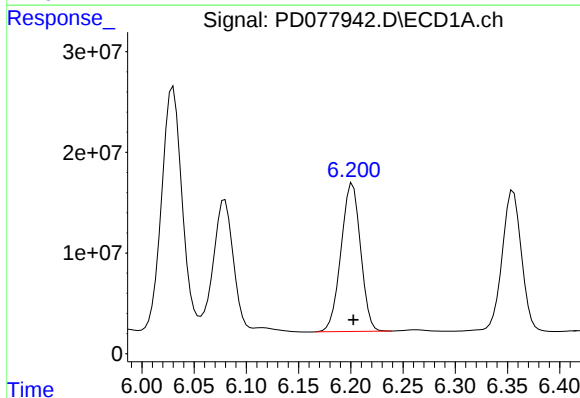
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



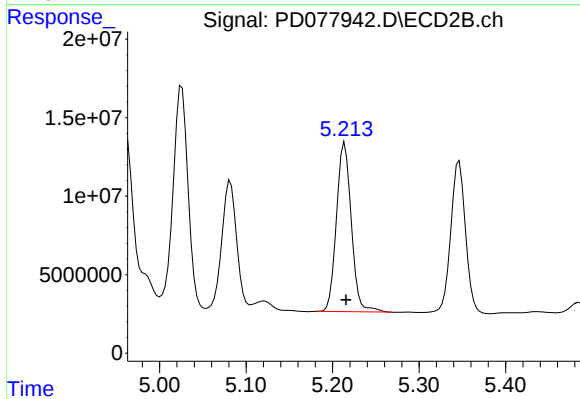
#11 alpha-Chlordane

R.T.: 5.026 min
Delta R.T.: -0.001 min
Response: 178200163
Conc: 88.45 ng/ml



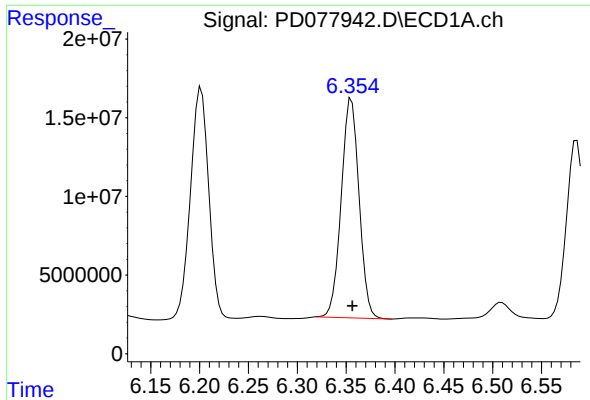
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 191382317
Conc: 59.44 ng/ml



#12 4,4'-DDE

R.T.: 5.214 min
Delta R.T.: -0.001 min
Response: 128086706
Conc: 70.17 ng/ml



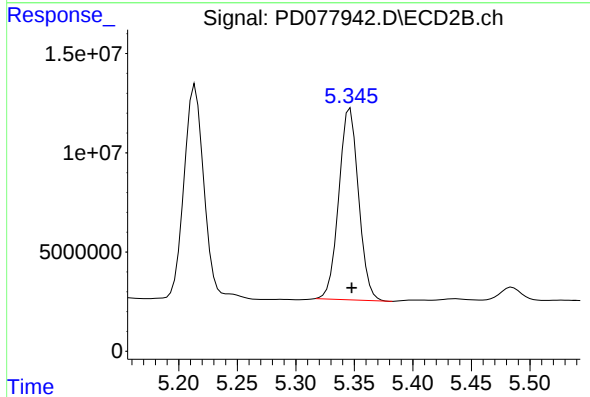
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 177383824
Conc: 49.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MSD

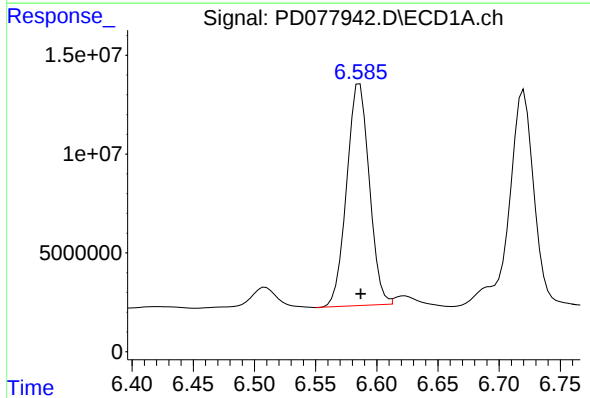
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



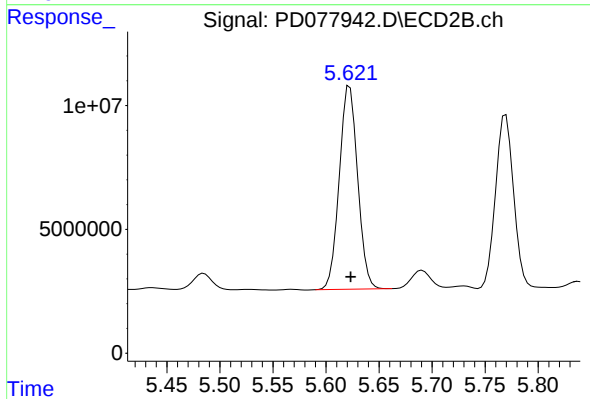
#13 Dieldrin

R.T.: 5.347 min
Delta R.T.: -0.001 min
Response: 113312095
Conc: 55.50 ng/ml



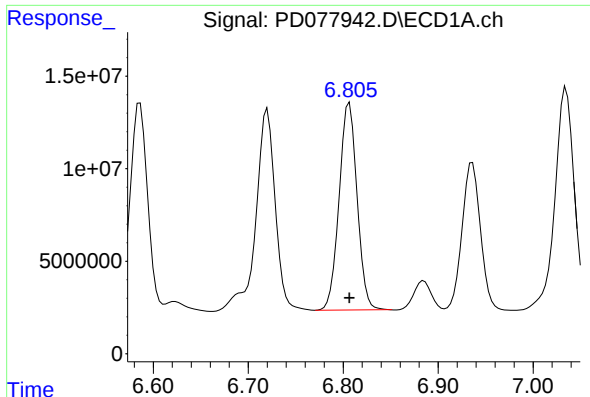
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 144086146
Conc: 47.50 ng/ml



#14 Endrin

R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 98782389
Conc: 54.54 ng/ml



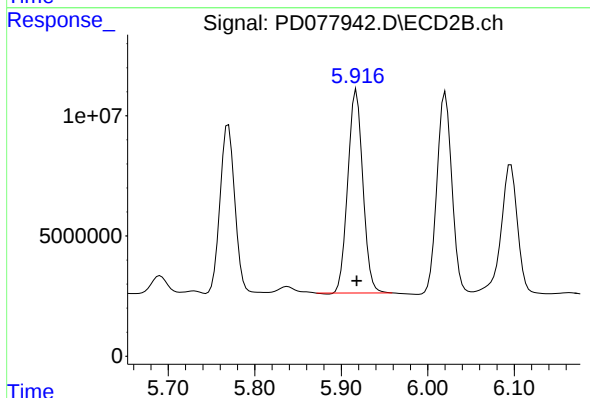
#15 Endosulfan II

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 147110282
Conc: 47.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MSD

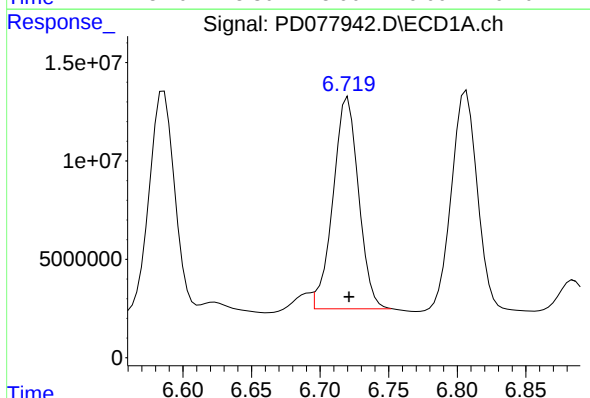
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



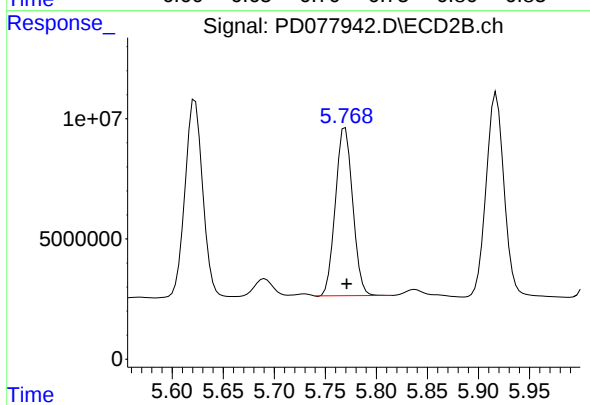
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 101825557
Conc: 59.51 ng/ml



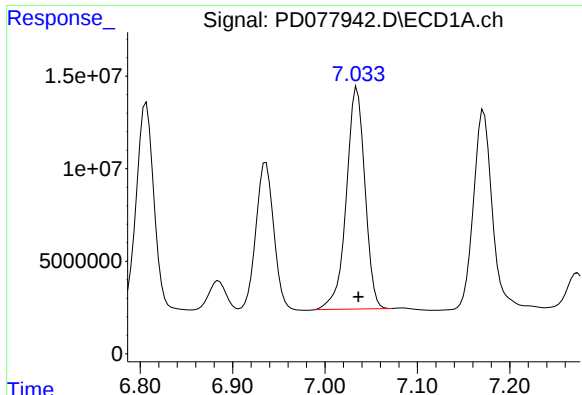
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: -0.002 min
Response: 138745044
Conc: 54.15 ng/ml m



#16 4,4'-DDD

R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 82398758
Conc: 58.97 ng/ml



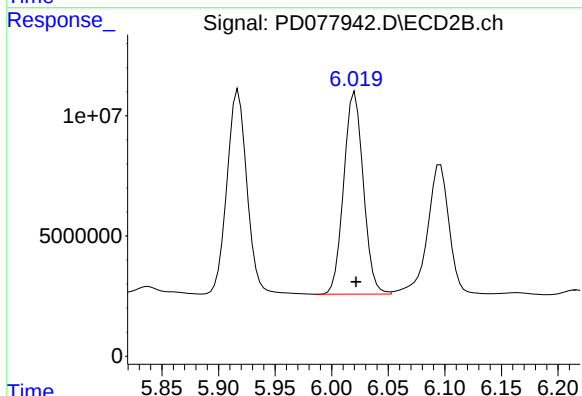
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: -0.001 min
Response: 167504079
Conc: 64.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MSD

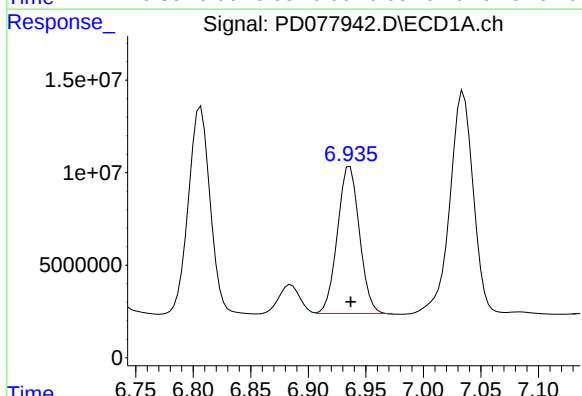
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



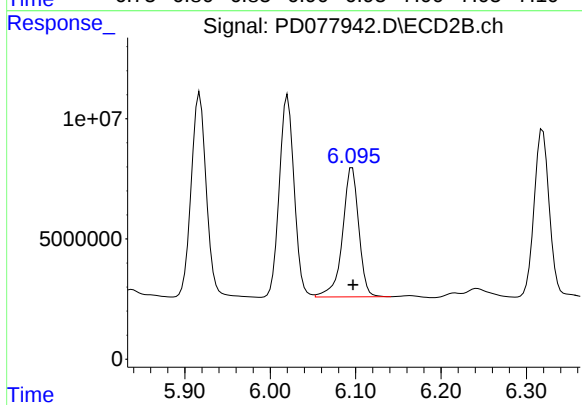
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 101260385
Conc: 71.67 ng/ml



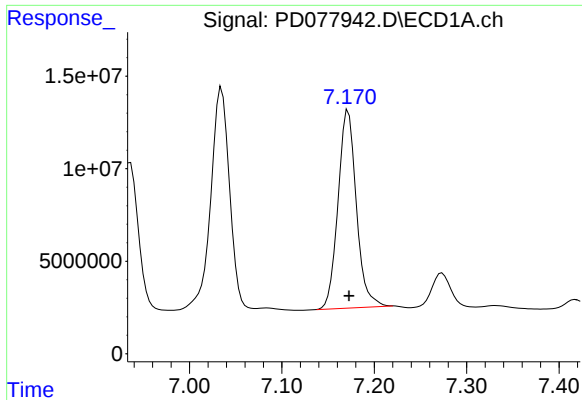
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: -0.002 min
Response: 105929832
Conc: 44.58 ng/ml m



#18 Endrin aldehyde

R.T.: 6.096 min
Delta R.T.: -0.001 min
Response: 71071550
Conc: 52.65 ng/ml



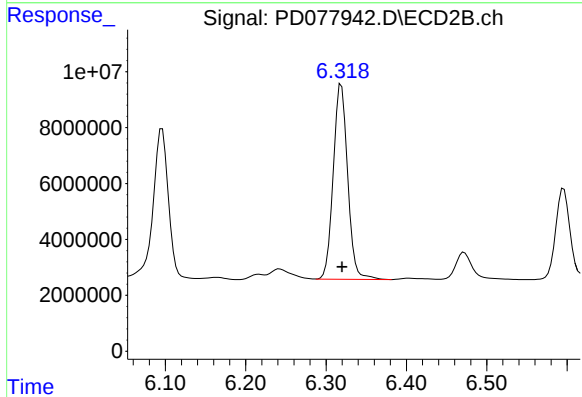
#19 Endosulfan Sulfate

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 147976142
Conc: 52.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MSD

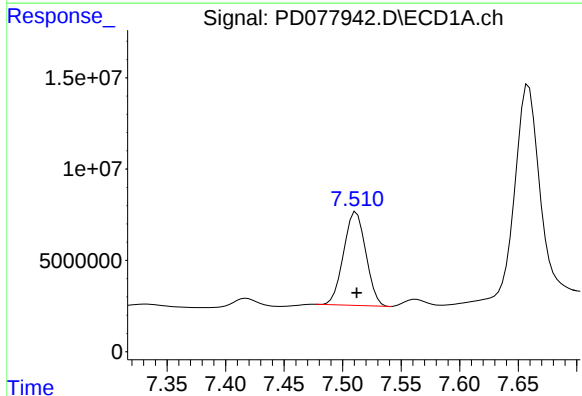
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



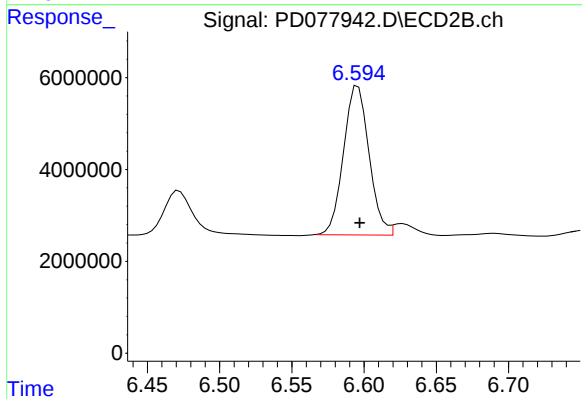
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 87219759
Conc: 54.47 ng/ml



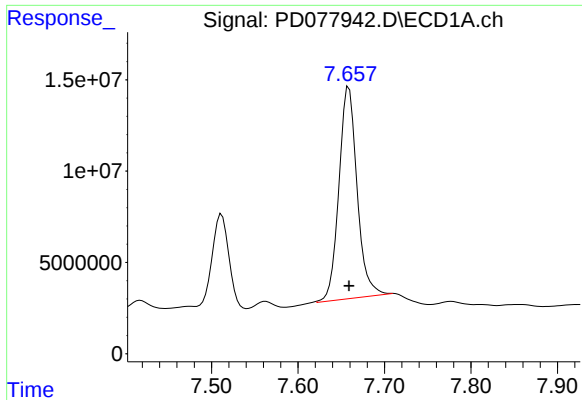
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 67714842
Conc: 43.78 ng/ml



#20 Methoxychlor

R.T.: 6.596 min
Delta R.T.: -0.001 min
Response: 39912112
Conc: 51.55 ng/ml



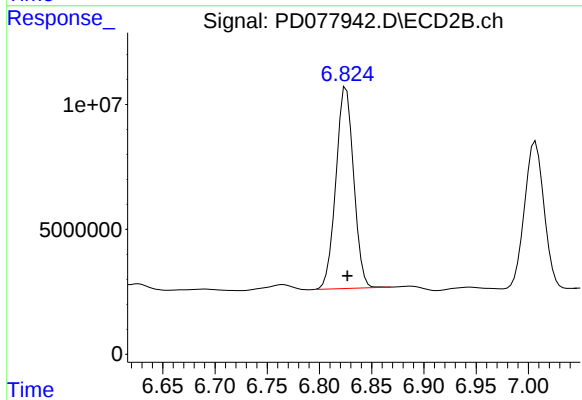
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 168528079
Conc: 51.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MSD

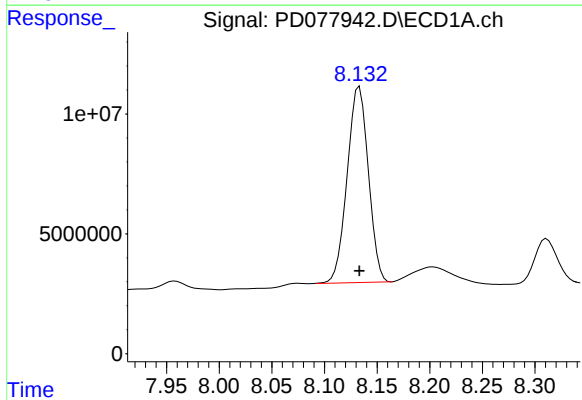
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



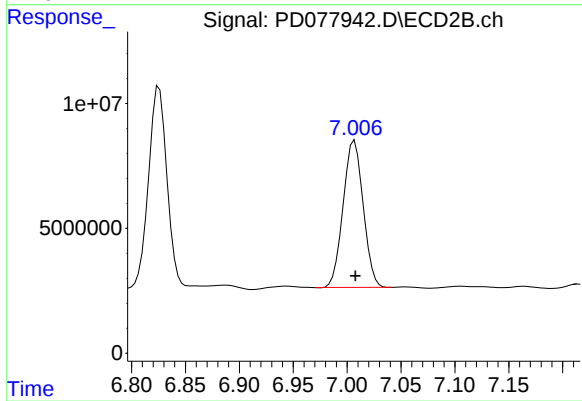
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 95278962
Conc: 50.39 ng/ml



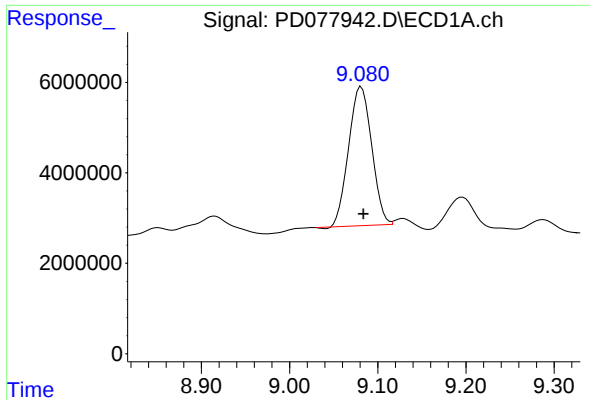
#22 Mirex

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 114975360
Conc: 47.81 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 76358490
Conc: 49.87 ng/ml



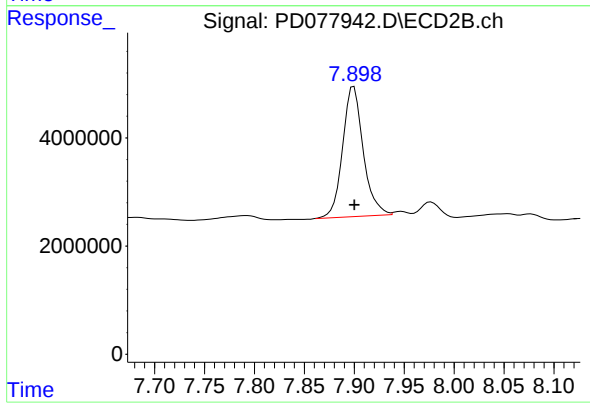
#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.002 min
Response: 55851897
Conc: 18.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 34497108
Conc: 19.99 ng/ml