

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042524\
 Data File : PL089187.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2024 16:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 23:00:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 2024
 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...	3.550	2.797	106.1E6	74647054	49.919	56.004
28)	SA Decachlor...	9.062	7.948	65385987	57266176	51.333	42.765
Target Compounds							
2)	A alpha-BHC	4.006	3.302	150.8E6	113.5E6	50.425	57.353
3)	MA gamma-BHC...	4.338	3.633	145.3E6	109.6E6	50.374	56.955
4)	MA Heptachlor	4.928	3.975	122.3E6	100.6E6	49.143	55.967
5)	MB Aldrin	5.269	4.256	126.0E6	103.2E6	48.531	56.276
6)	B beta-BHC	4.532	3.930	64057696	46527034	47.737	55.670
7)	B delta-BHC	4.780	4.161	134.7E6	106.3E6	50.386	58.220
8)	B Heptachlo...	5.695	4.759	119.7E6	88904277	50.740	53.535
9)	A Endosulfan I	6.080	5.129	107.7E6	80888815	49.258	53.821
10)	B gamma-Chl...	5.950	5.010	114.4E6	88885162	49.759	54.183
11)	B alpha-Chl...	6.029	5.074	112.6E6	89195301	49.168	53.937
12)	B 4,4'-DDE	6.201	5.262	101.3E6	81672767	50.403	55.540
13)	MA Dieldrin	6.353	5.394	109.1E6	89061477	48.382m	54.482
14)	MA Endrin	6.584	5.670	91415017	78996887	48.641	54.355
15)	B Endosulfa...	6.802	5.963	94140880	72566594	48.872	50.758
16)	A 4,4'-DDD	6.717	5.817	83550925	66932263	51.834	55.271
17)	MA 4,4'-DDT	7.031	6.068	82951054	65193613	45.522	49.737
18)	B Endrin al...	6.932	6.143	69798377	53418143	47.689	48.608
19)	B Endosulfa...	7.165	6.365	84378196	71192650	49.148	52.666
20)	A Methoxychlor	7.505	6.644	46862373	38042098	53.185	50.897
21)	B Endrin ke...	7.650	6.872	94253594	77591443	48.873	49.024
22)	Mirex	8.124	7.056	71241995	65609251	48.508m	49.625

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042524\
Data File : PL089187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2024 16:25
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

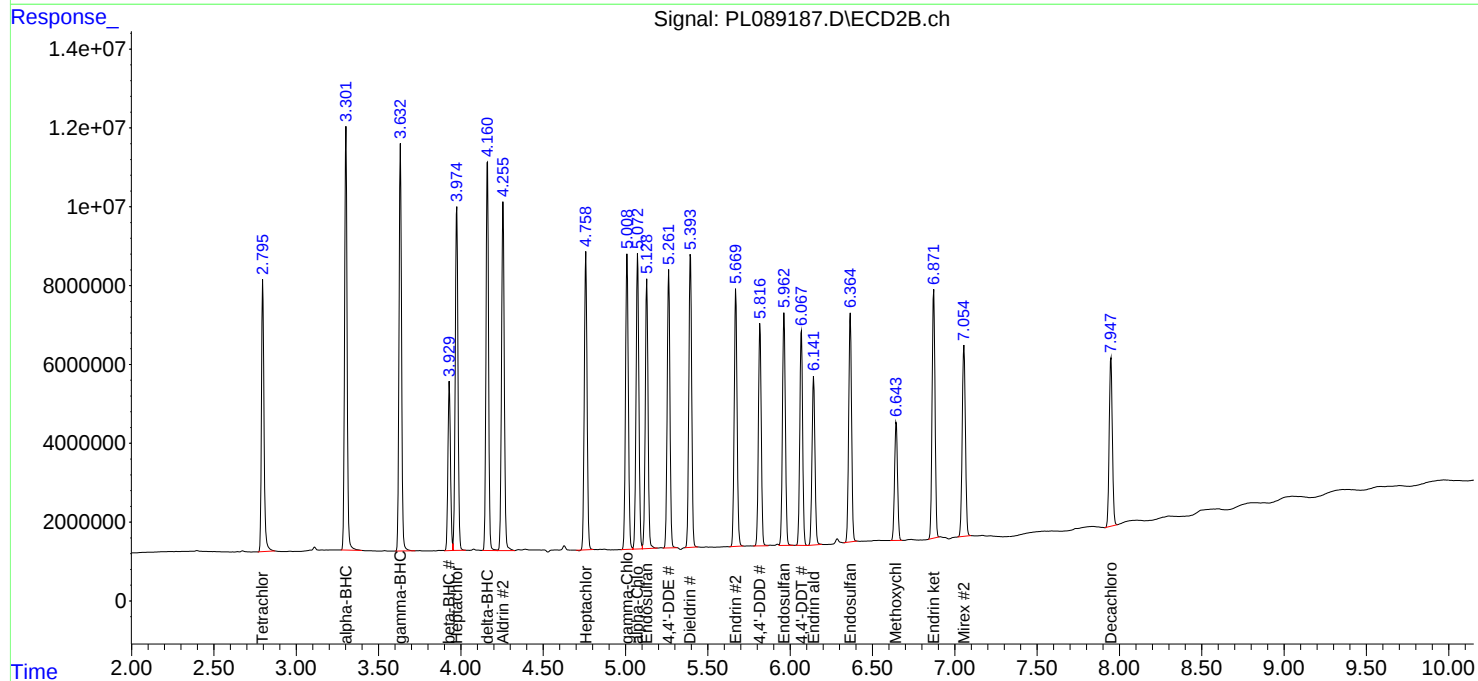
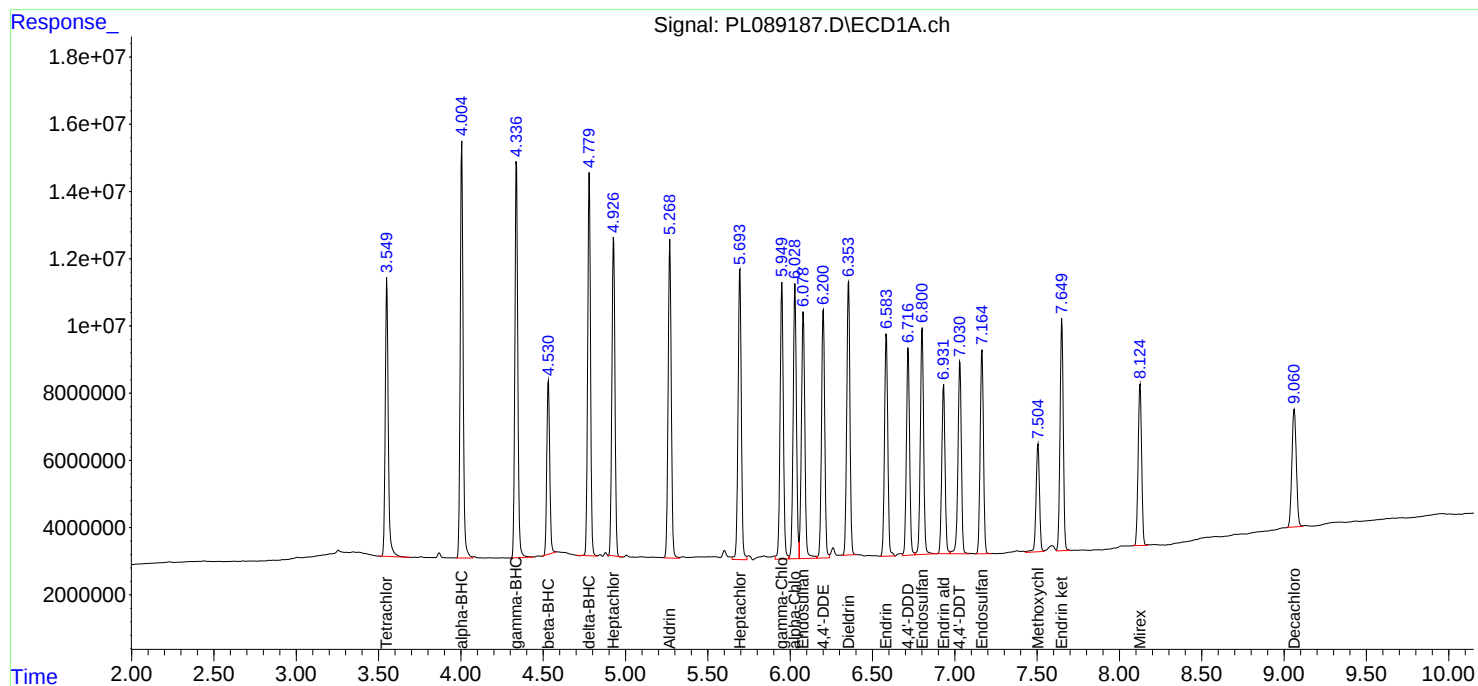
APPROVED

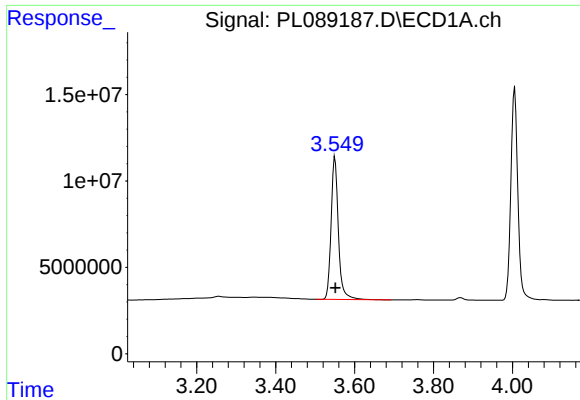
Reviewed By :Abdul Mirza 04/26/2024

Supervised By :Ankita Jodhani 04/26/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 23:00:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 2024
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





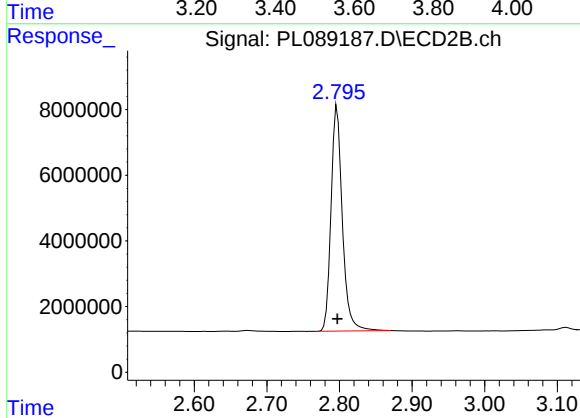
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 106096010
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

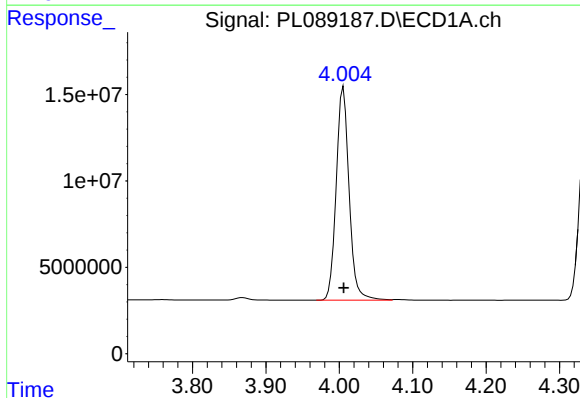
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



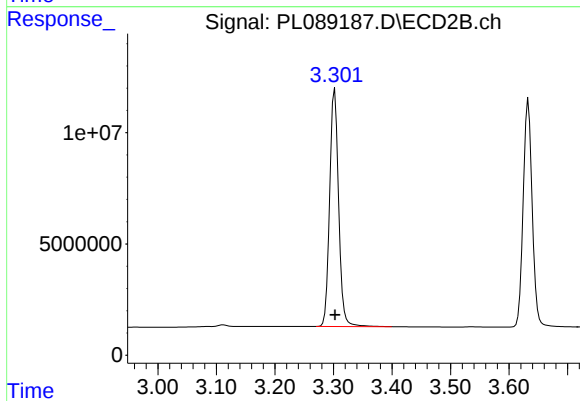
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 74647054
Conc: 56.00 ng/ml



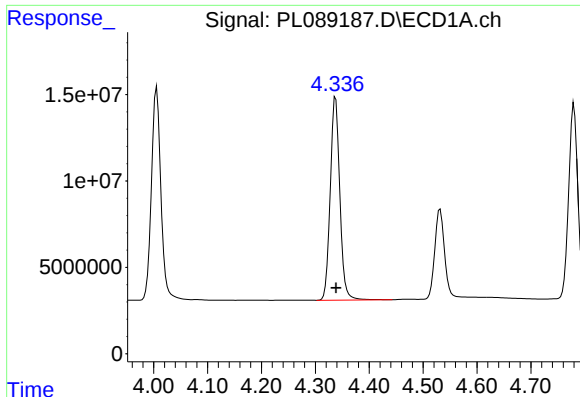
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 150771570
Conc: 50.43 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 113473739
Conc: 57.35 ng/ml



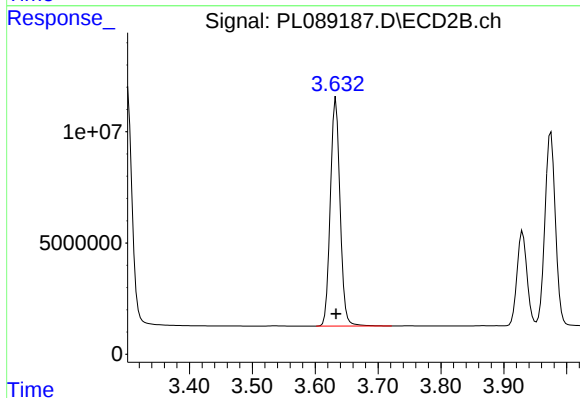
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 145338792
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

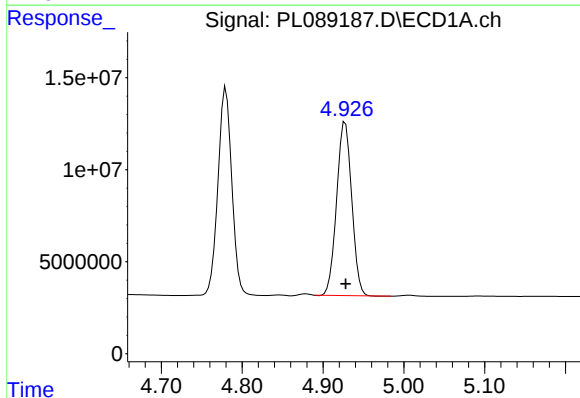
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



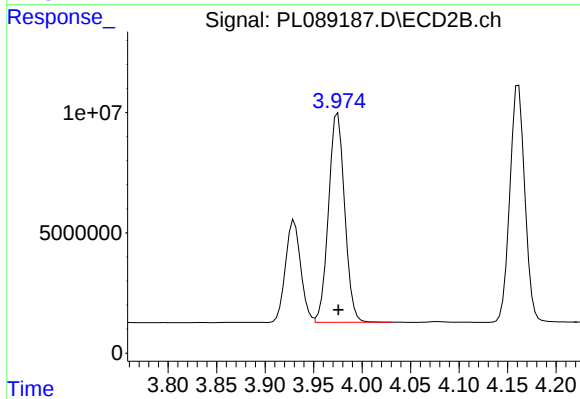
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 109561485
Conc: 56.95 ng/ml



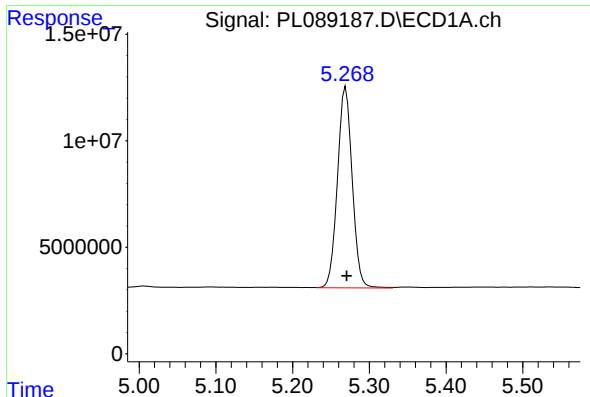
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 122277696
Conc: 49.14 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 100575786
Conc: 55.97 ng/ml



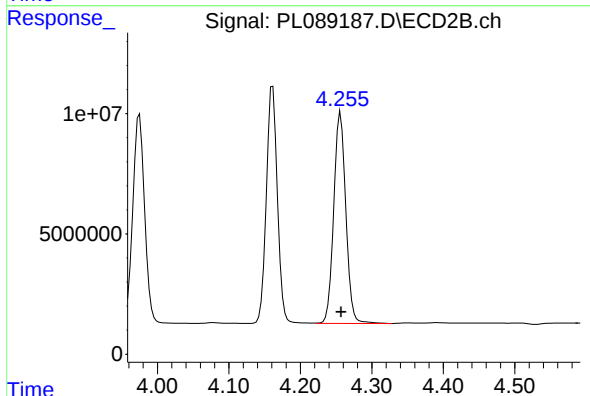
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 125966047
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

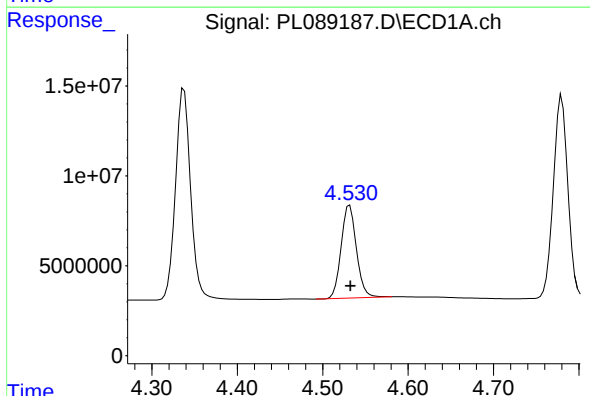
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



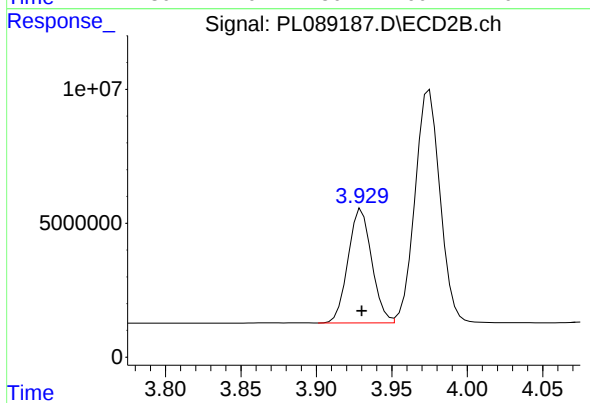
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 103233739
Conc: 56.28 ng/ml



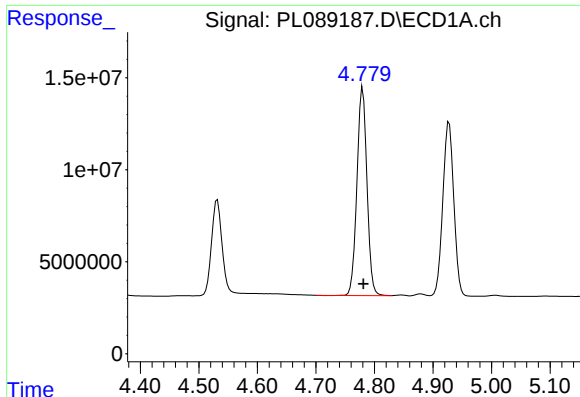
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 64057696
Conc: 47.74 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 46527034
Conc: 55.67 ng/ml



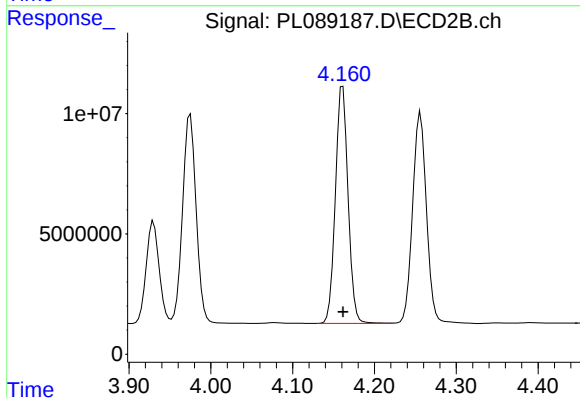
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: -0.001 min
Response: 134744593
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

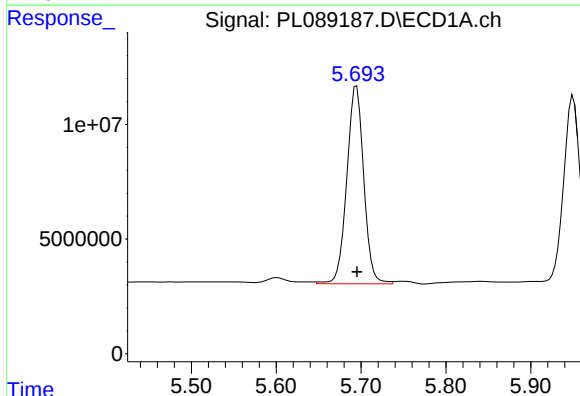
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



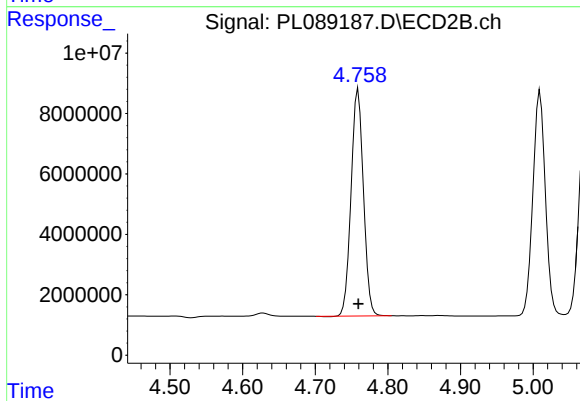
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 106295760
Conc: 58.22 ng/ml



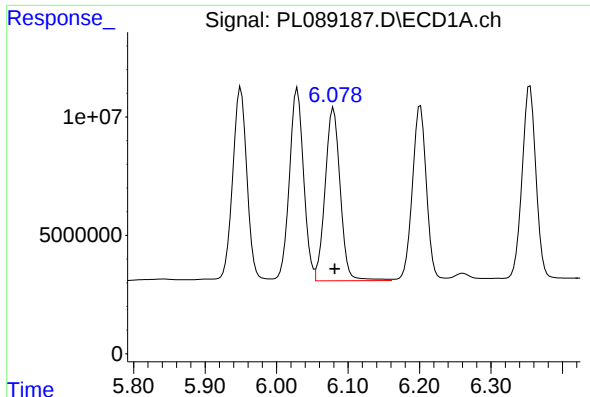
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 119725467
Conc: 50.74 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 88904277
Conc: 53.54 ng/ml



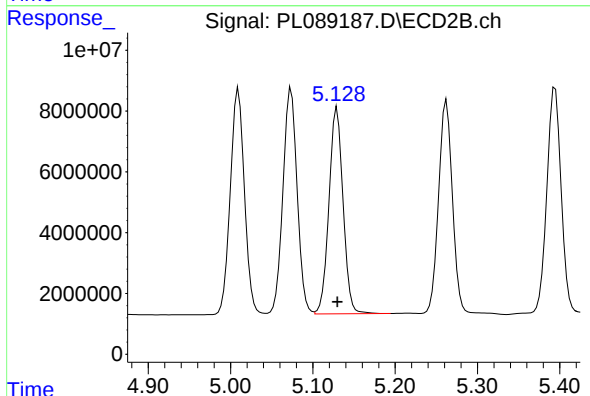
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 107713556
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

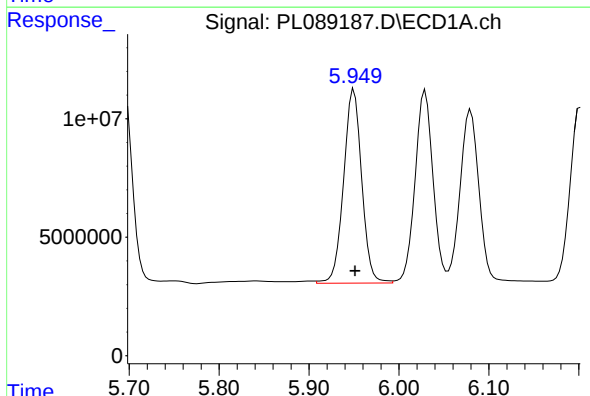
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



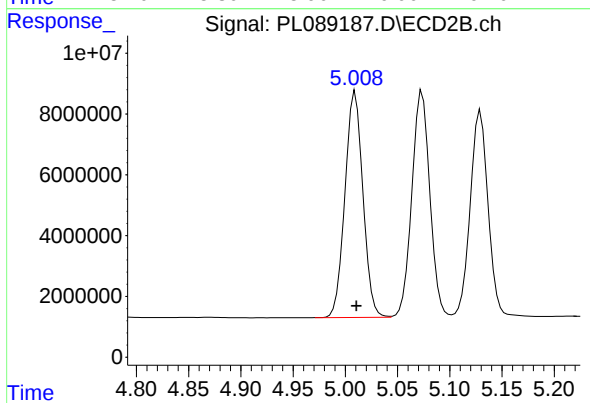
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 80888815
Conc: 53.82 ng/ml



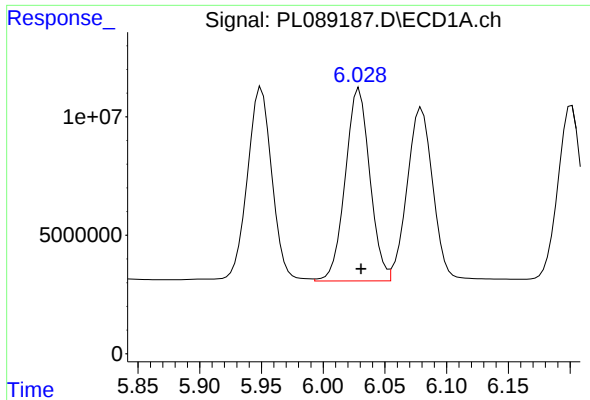
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 114386608
Conc: 49.76 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 88885162
Conc: 54.18 ng/ml



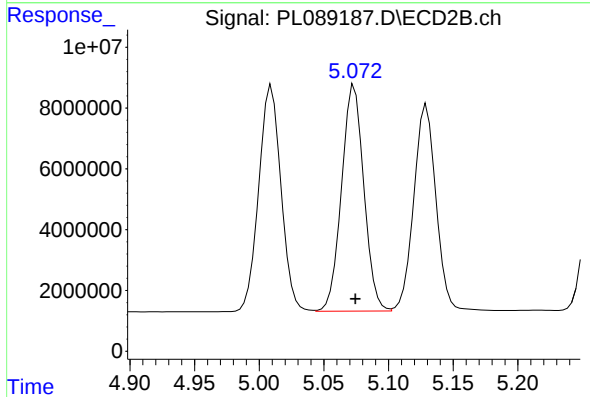
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 112563744
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

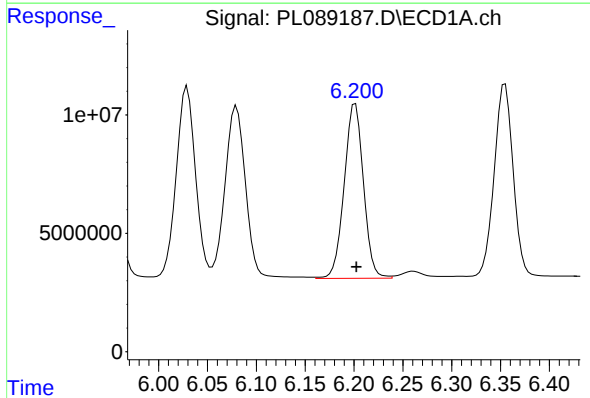
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



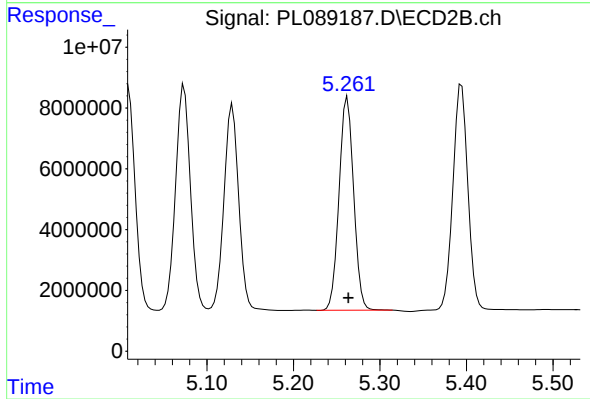
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 89195301
Conc: 53.94 ng/ml



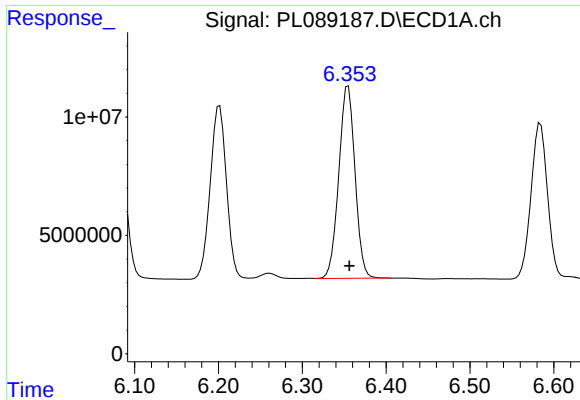
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 101295120
Conc: 50.40 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 81672767
Conc: 55.54 ng/ml



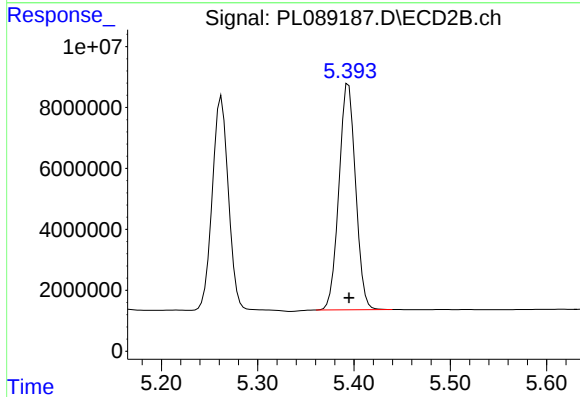
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: -0.003 min
Response: 109108334
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

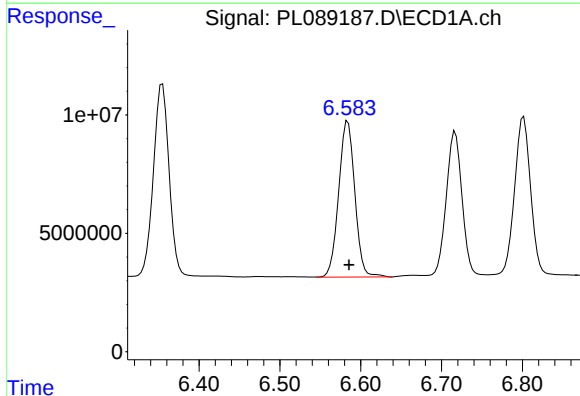
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



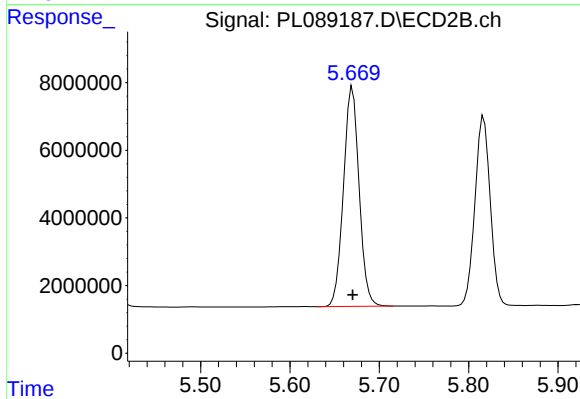
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 89061477
Conc: 54.48 ng/ml



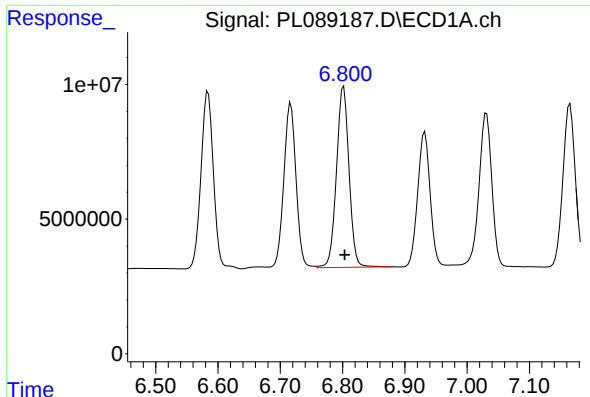
#14 Endrin

R.T.: 6.584 min
Delta R.T.: -0.001 min
Response: 91415017
Conc: 48.64 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 78996887
Conc: 54.35 ng/ml



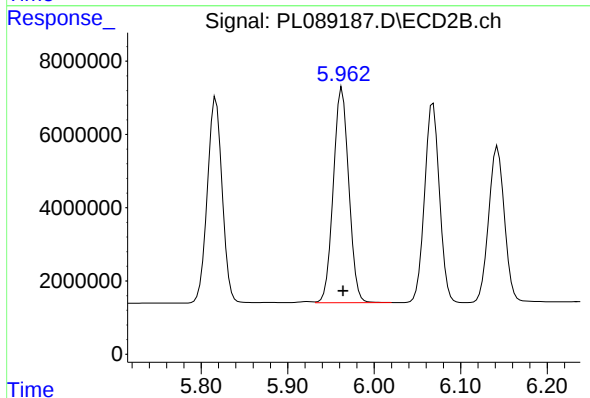
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: -0.002 min
Response: 94140880
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

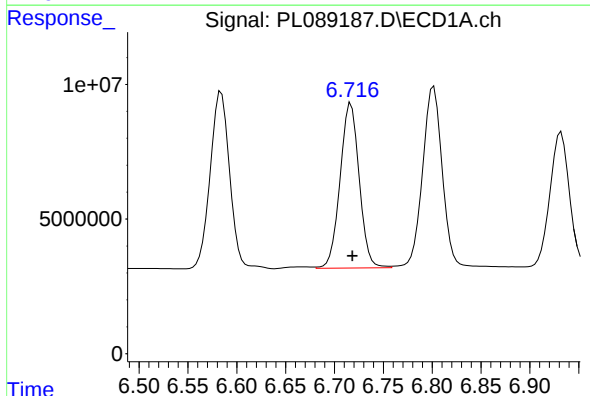
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



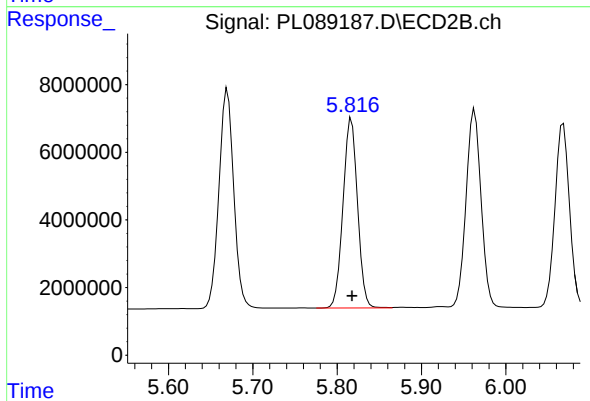
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 72566594
Conc: 50.76 ng/ml



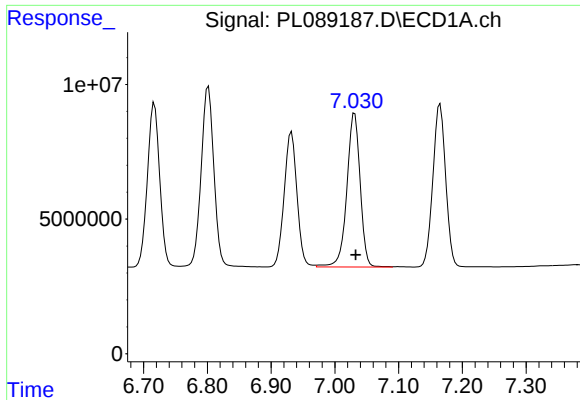
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: -0.001 min
Response: 83550925
Conc: 51.83 ng/ml



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 66932263
Conc: 55.27 ng/ml



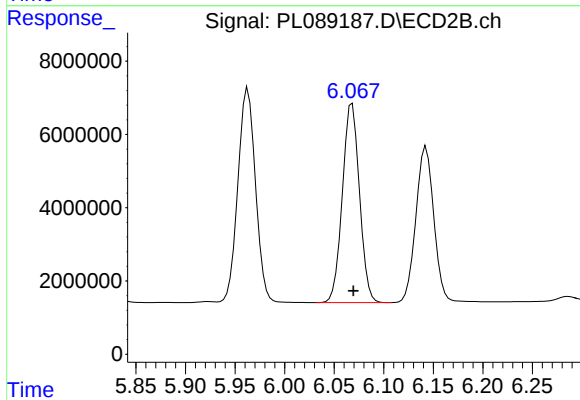
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 82951054
Conc: 45.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

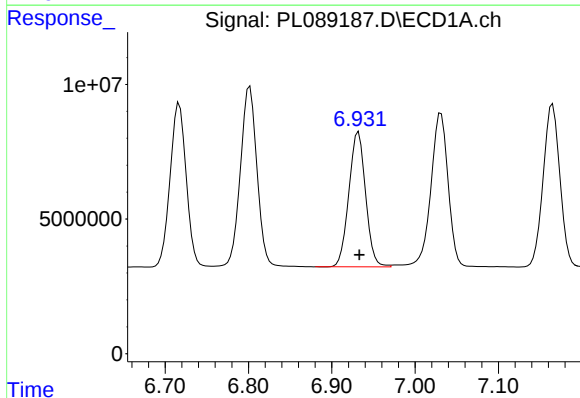
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



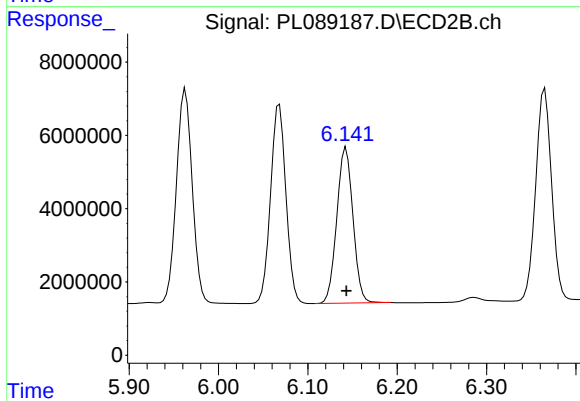
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 65193613
Conc: 49.74 ng/ml



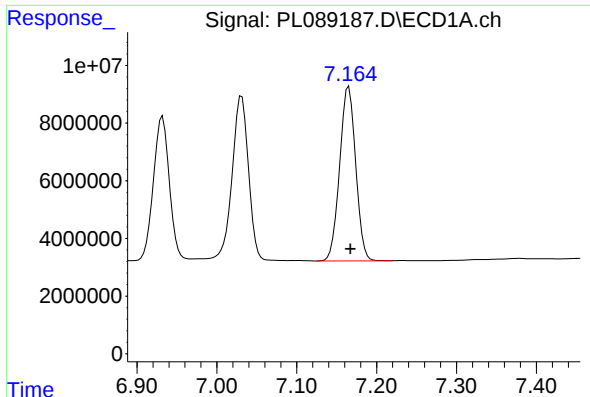
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: -0.001 min
Response: 69798377
Conc: 47.69 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 53418143
Conc: 48.61 ng/ml



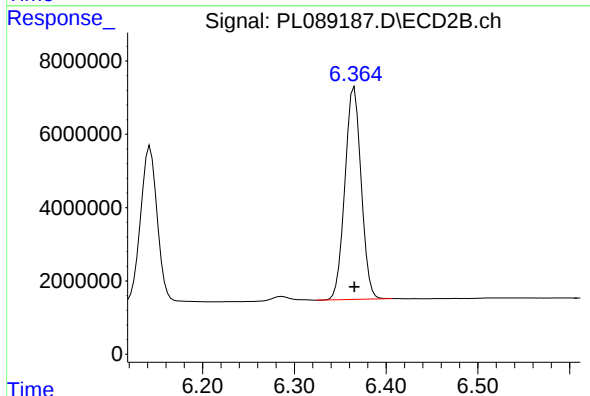
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: -0.002 min
Response: 84378196
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

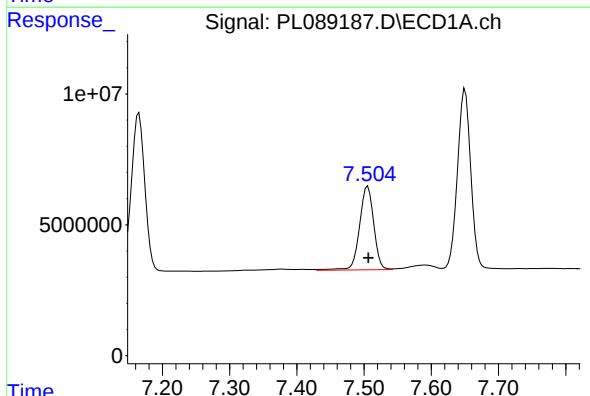
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



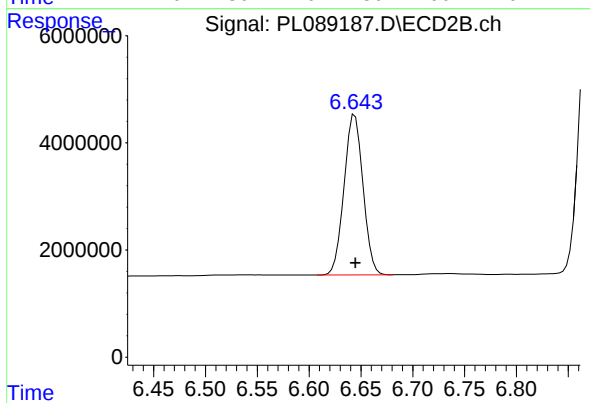
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 71192650
Conc: 52.67 ng/ml



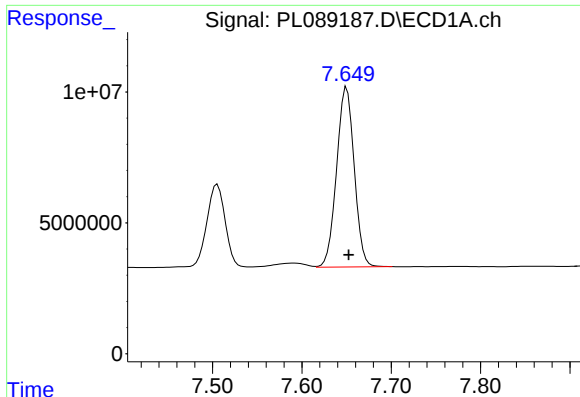
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 46862373
Conc: 53.19 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 38042098
Conc: 50.90 ng/ml



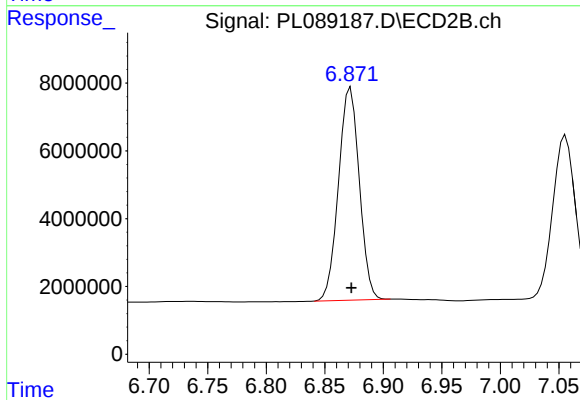
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: -0.002 min
Response: 94253594
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

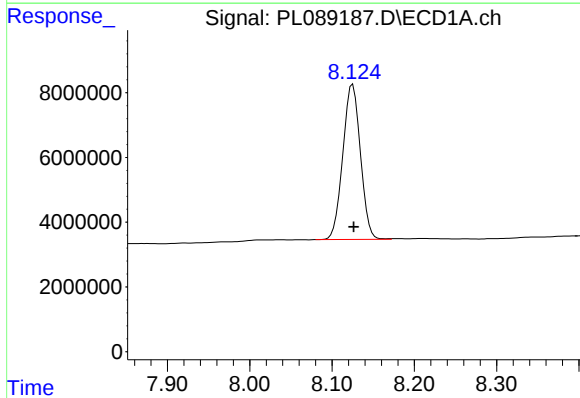
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



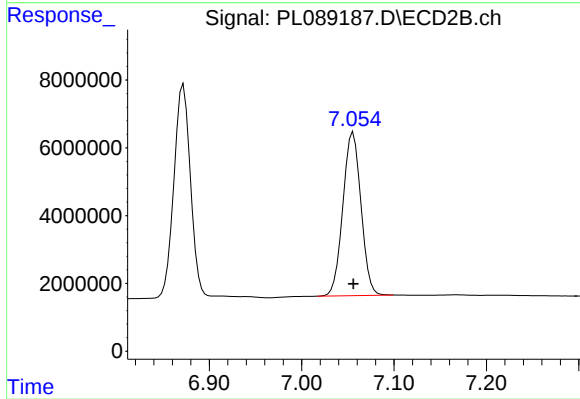
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 77591443
Conc: 49.02 ng/ml



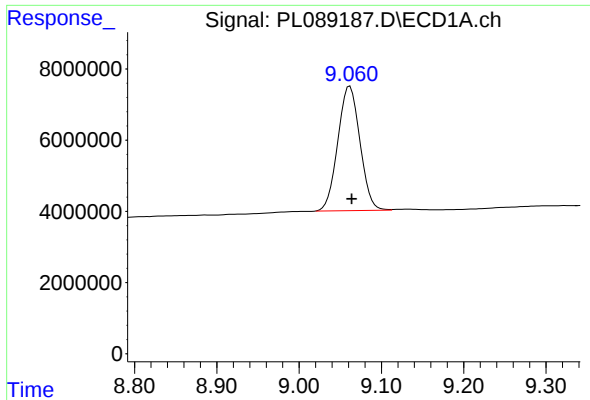
#22 Mirex

R.T.: 8.124 min
Delta R.T.: -0.003 min
Response: 71241995
Conc: 48.51 ng/ml m



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 65609251
Conc: 49.62 ng/ml



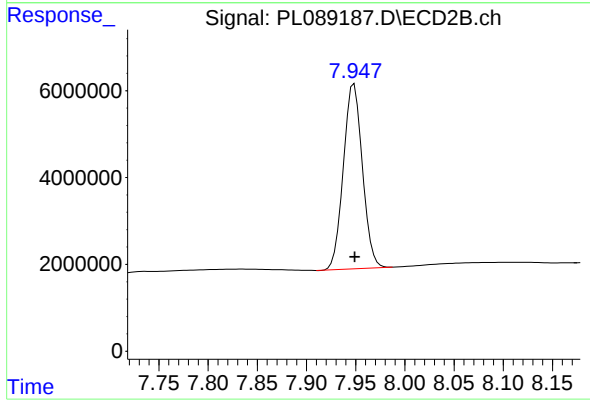
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 65385987
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.000 min
Response: 57266176
Conc: 42.76 ng/ml