

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
 Data File : PL089240.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2024 13:30
 Operator : AR\AJ
 Sample : P2261-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RO-RBR200059MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/30/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 21:44:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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	39391734	25963816	19.562	20.236
28)	SA Decachlor...	9.062	7.946	28019838	27551874	20.028	20.482
Target Compounds							
2)	A alpha-BHC	4.006	3.302	136.1E6	99287741	47.733	52.620
3)	MA gamma-BHC...	4.338	3.632	132.6E6	94586334	47.647	51.259
4)	MA Heptachlor	4.926	3.974	116.8E6	89429557	47.081m	51.035
5)	MB Aldrin	5.270	4.255	117.8E6	85248834	45.862	48.223
6)	B beta-BHC	4.532	3.930	59819165	41611081	47.417	50.965
7)	B delta-BHC	4.780	4.161	122.9E6	90895768	46.352	50.520
8)	B Heptachlo...	5.695	4.759	111.7E6	81739702	47.628	50.558
9)	A Endosulfan I	6.080	5.129	104.2E6	77261082	48.458	51.587
10)	B gamma-Chl...	5.950	5.008	111.5E6	85434946	48.782	52.065
11)	B alpha-Chl...	6.029	5.073	109.0E6	85312260	47.932	51.730
12)	B 4,4'-DDE	6.202	5.262	96945817	76230218	47.913	52.429
13)	MA Dieldrin	6.355	5.393	107.0E6	83463077	47.808	51.882
14)	MA Endrin	6.584	5.669	94328779	76165529	49.795	52.978
15)	B Endosulfa...	6.802	5.962	93975548	74036034	47.086	51.474
16)	A 4,4'-DDD	6.718	5.816	81812364	65251189	48.496	52.910
17)	MA 4,4'-DDT	7.032	6.067	90614912	70742675	49.275	52.286
18)	B Endrin al...	6.932	6.142	73063099	56998243	48.313	51.243
19)	B Endosulfa...	7.167	6.364	86522648	71322073	47.833	51.415
20)	A Methoxychlor	7.506	6.643	46857725	39777428	47.649	49.748
21)	B Endrin ke...	7.651	6.871	95903320	82509707	47.912	51.601
22)	Mirex	8.126	7.054	75317803	67761873	48.464	49.670

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
Data File : PL089240.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2024 13:30
Operator : AR\AJ
Sample : P2261-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

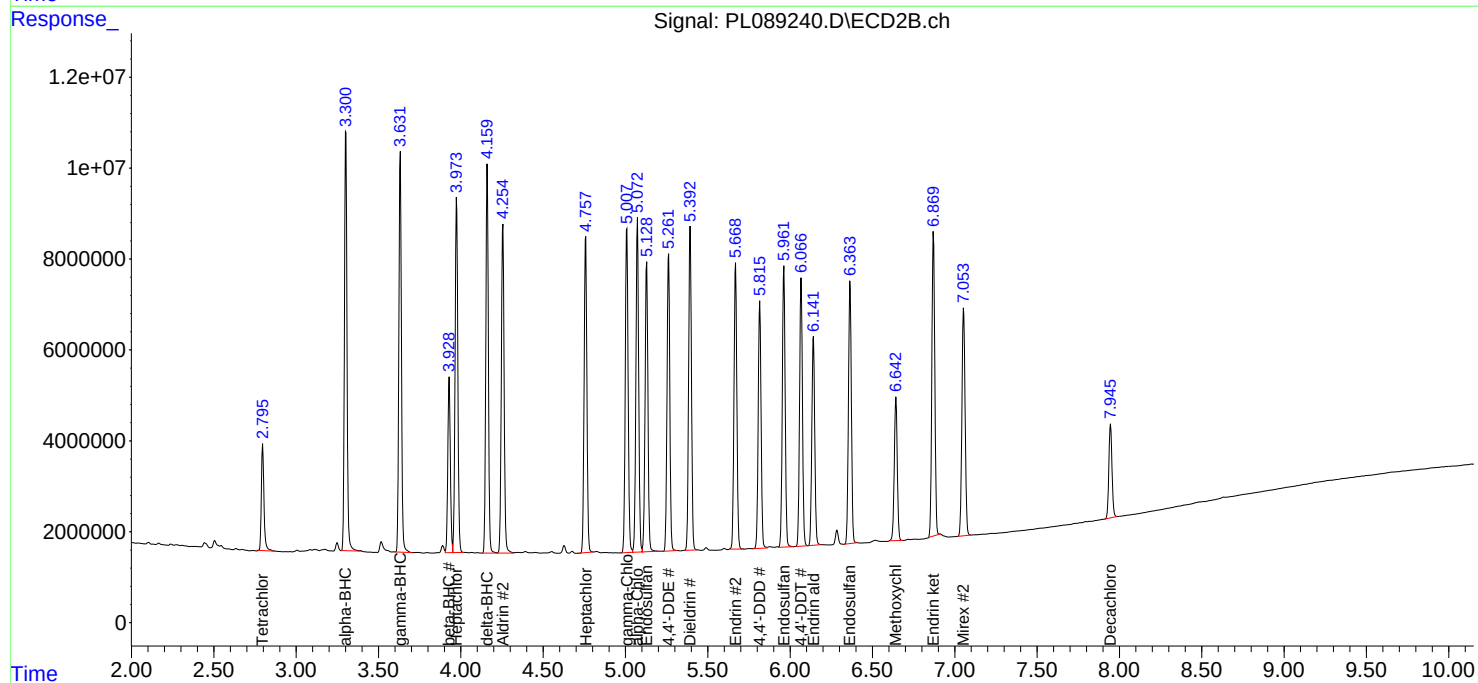
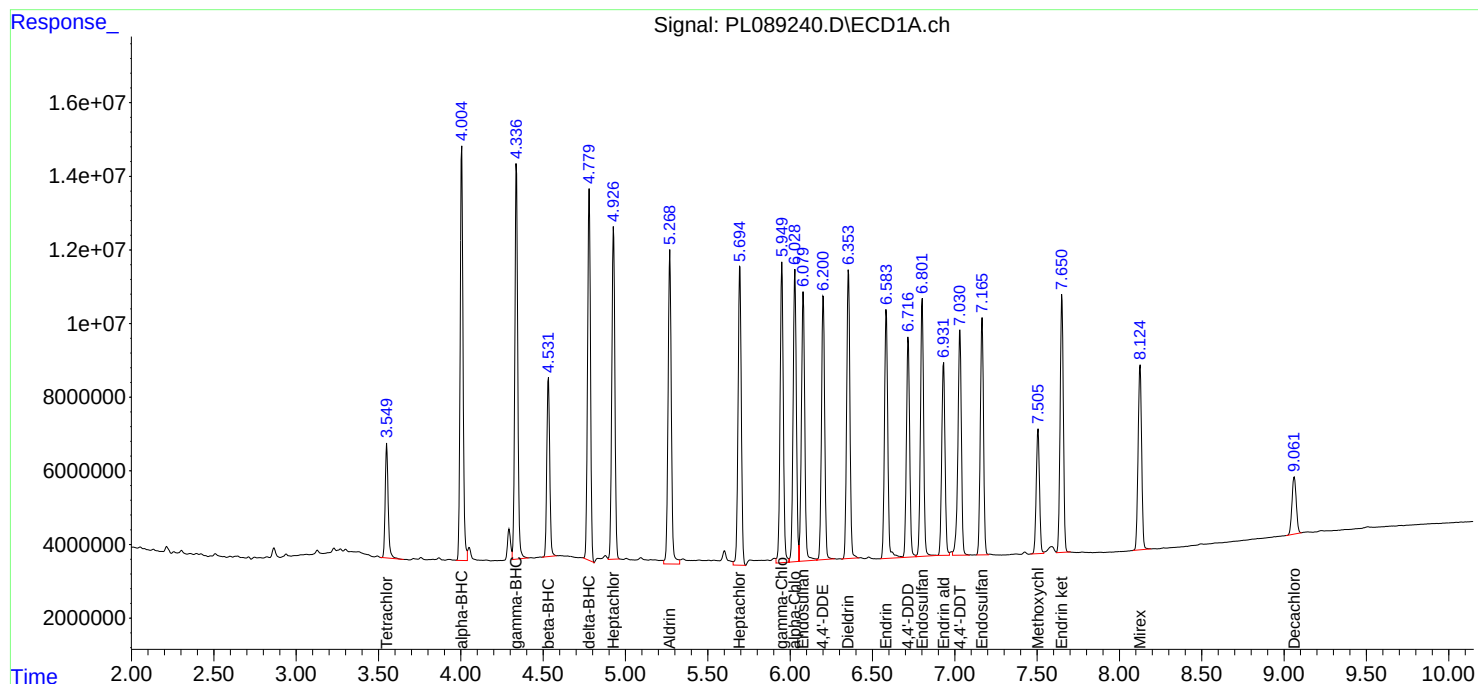
Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MS

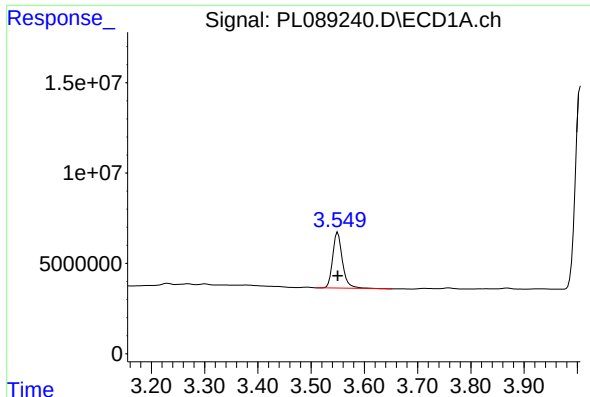
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 21:44:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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





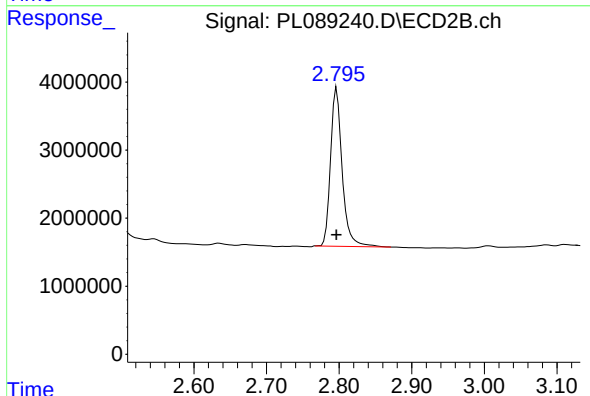
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 39391734
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MS

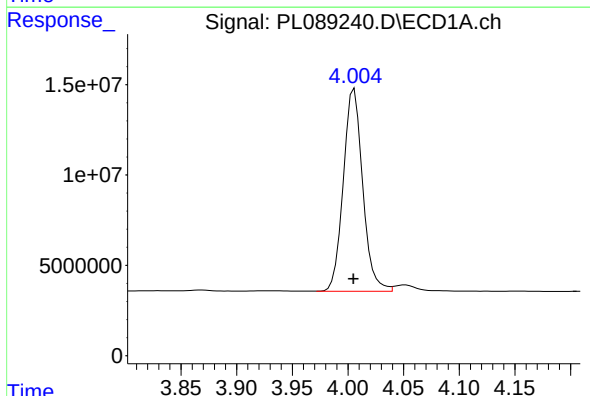
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



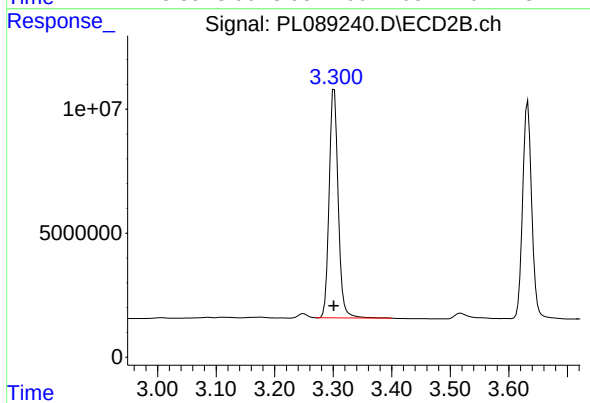
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 25963816
Conc: 20.24 ng/ml



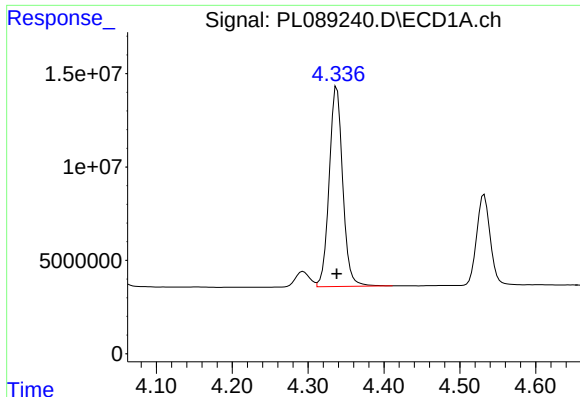
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 136125218
Conc: 47.73 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 99287741
Conc: 52.62 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 132647461
Conc: 47.65 ng/ml

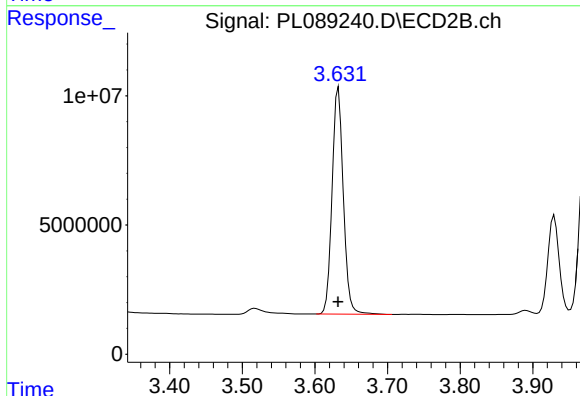
Instrument :

ECD_L

ClientSampleId :
RO-RBR200059MS

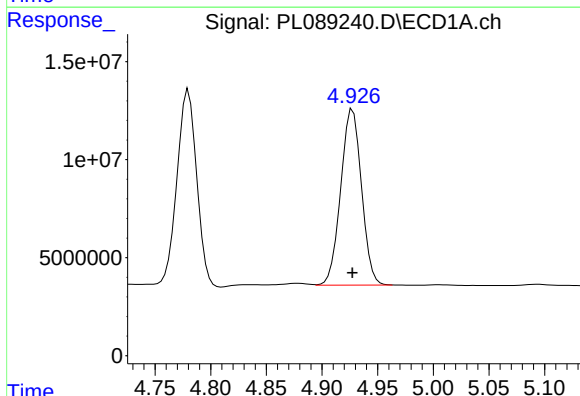
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



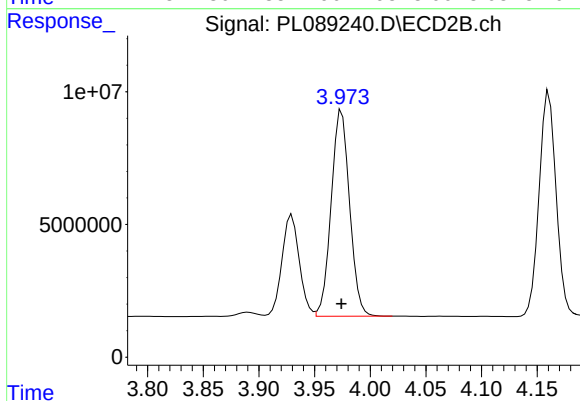
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 94586334
Conc: 51.26 ng/ml



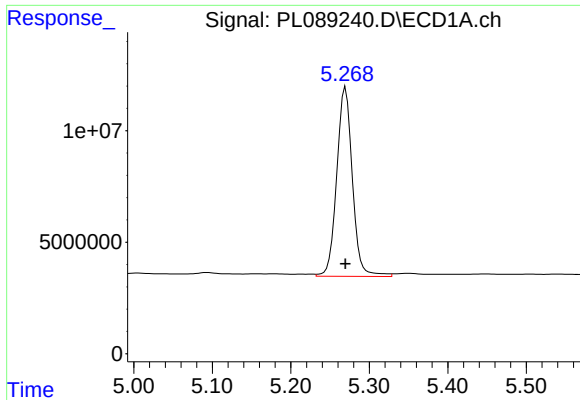
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: -0.001 min
Response: 116766460
Conc: 47.08 ng/ml m



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 89429557
Conc: 51.04 ng/ml



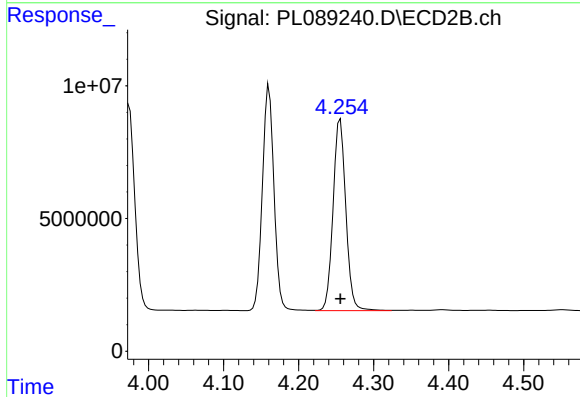
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 117786021
Conc: 45.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MS

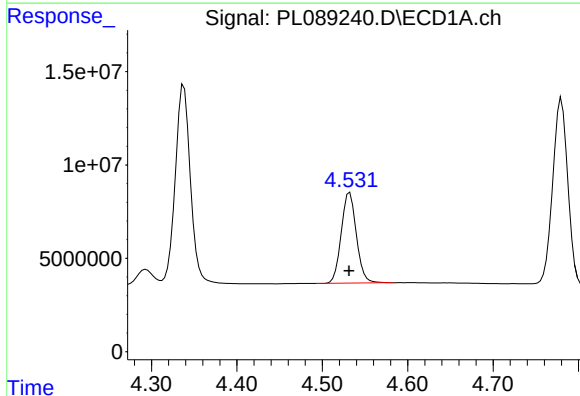
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



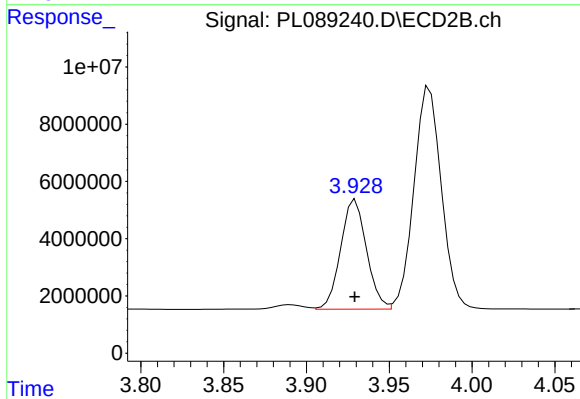
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 85248834
Conc: 48.22 ng/ml



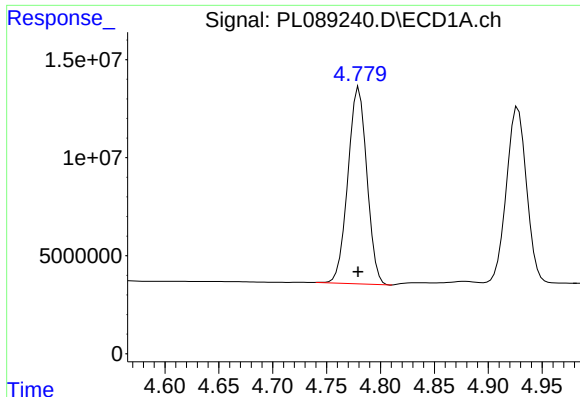
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 59819165
Conc: 47.42 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 41611081
Conc: 50.97 ng/ml



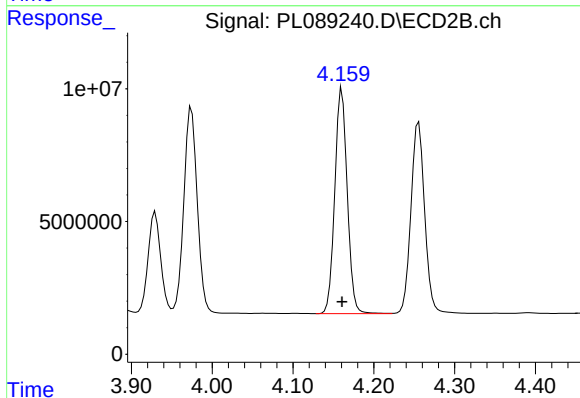
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 122928362
Conc: 46.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MS

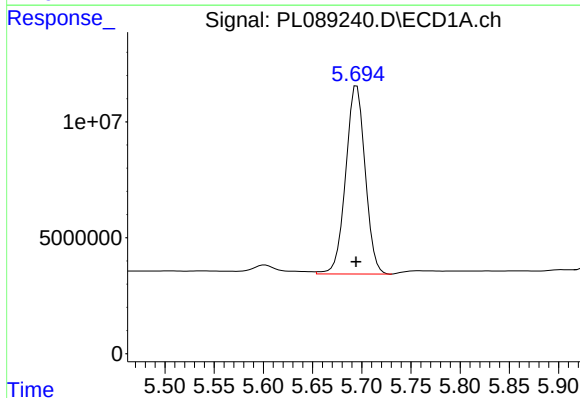
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



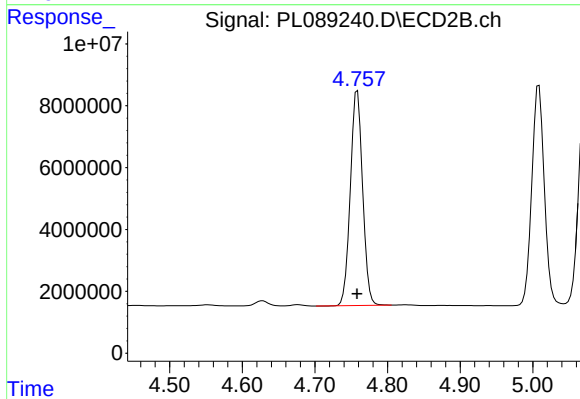
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 90895768
Conc: 50.52 ng/ml



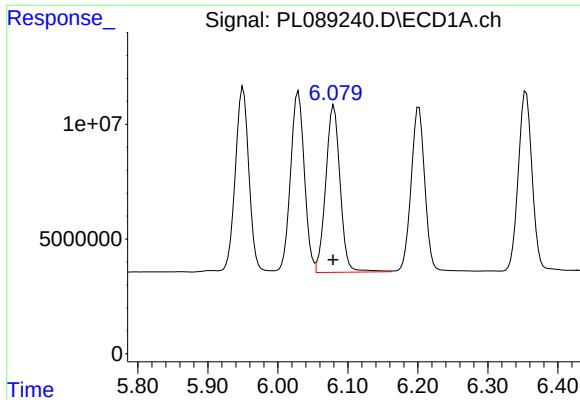
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 111710199
Conc: 47.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 81739702
Conc: 50.56 ng/ml



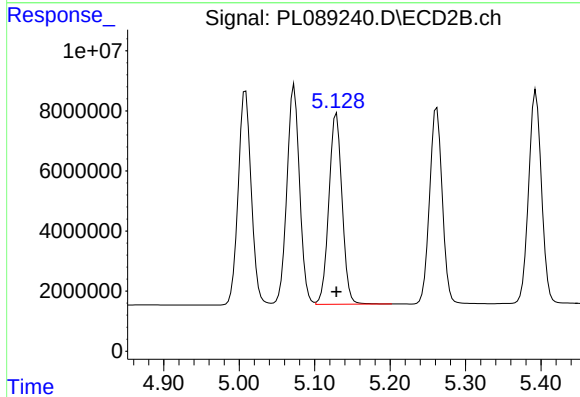
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 104175172
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MS

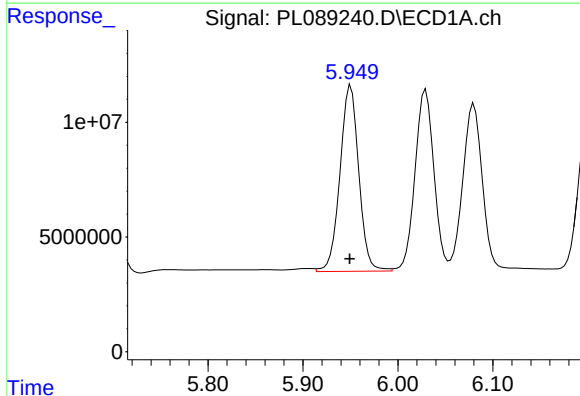
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



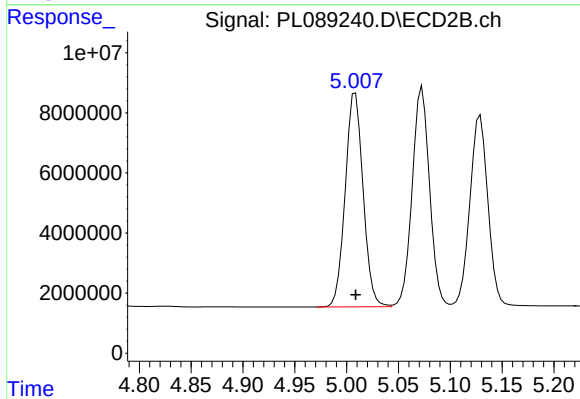
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 77261082
Conc: 51.59 ng/ml



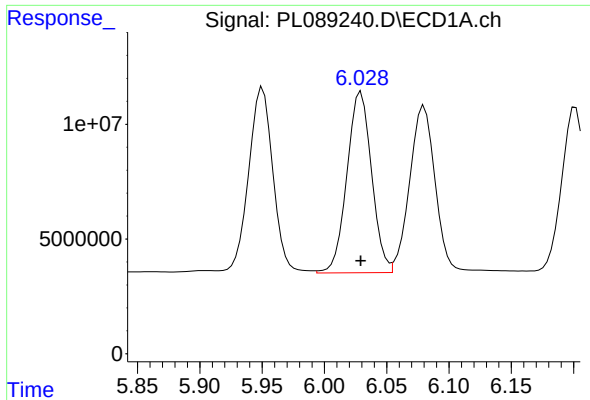
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 111510348
Conc: 48.78 ng/ml



#10 gamma-Chlordane

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 85434946
Conc: 52.06 ng/ml



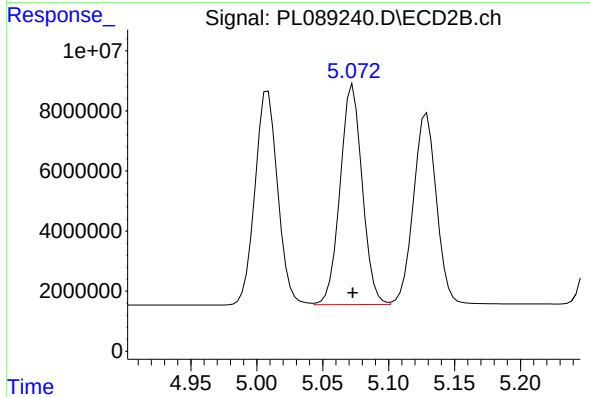
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 109031649
Conc: 47.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MS

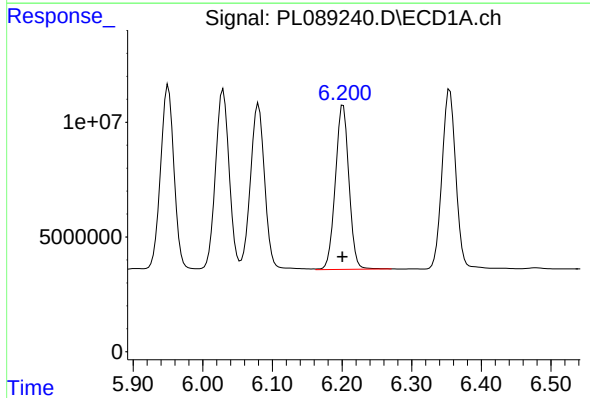
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



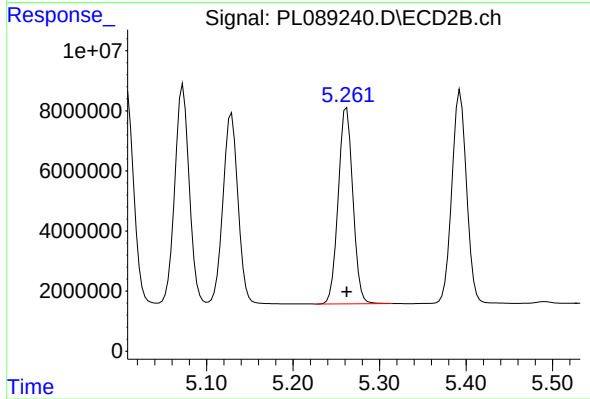
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 85312260
Conc: 51.73 ng/ml



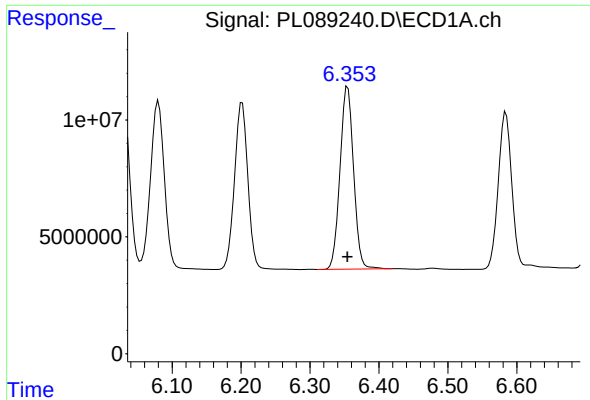
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.001 min
Response: 96945817
Conc: 47.91 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 76230218
Conc: 52.43 ng/ml



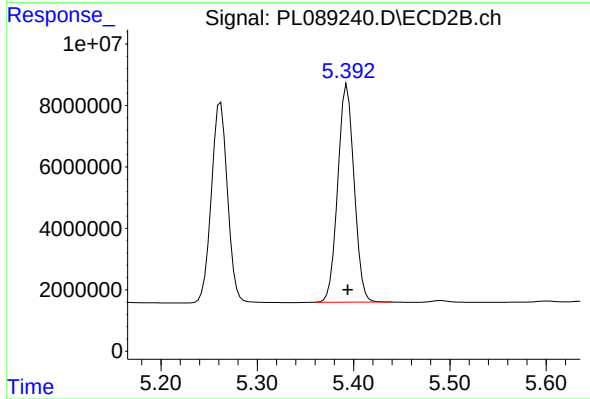
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 107015149
Conc: 47.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MS

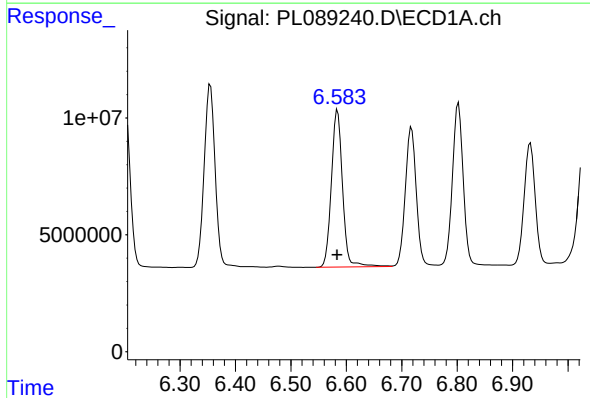
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



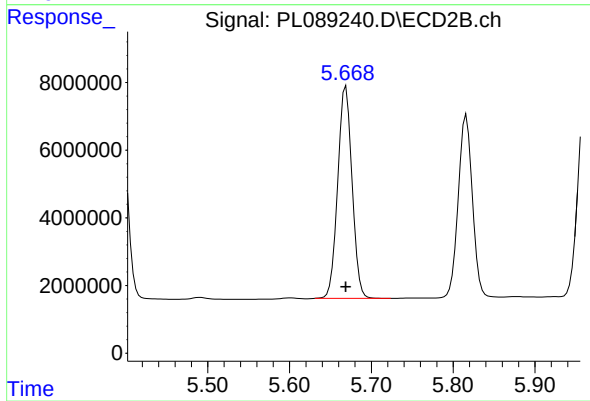
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 83463077
Conc: 51.88 ng/ml



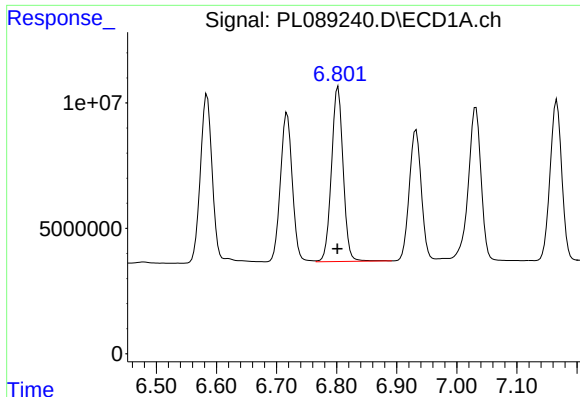
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.001 min
Response: 94328779
Conc: 49.80 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 76165529
Conc: 52.98 ng/ml



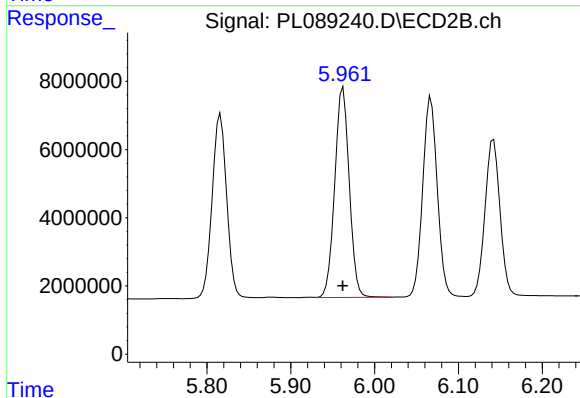
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.001 min
Response: 93975548
Conc: 47.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MS

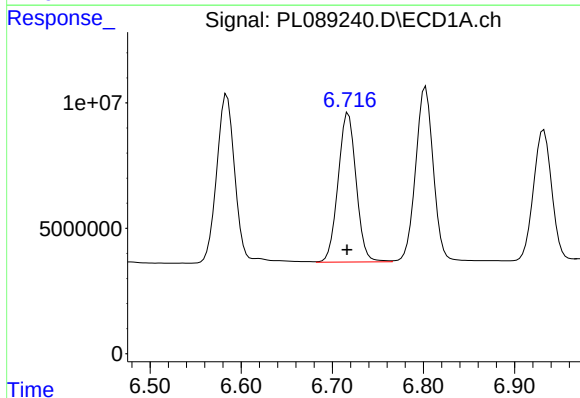
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



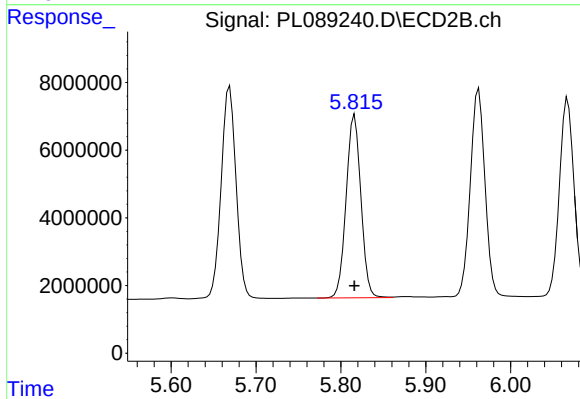
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 74036034
Conc: 51.47 ng/ml



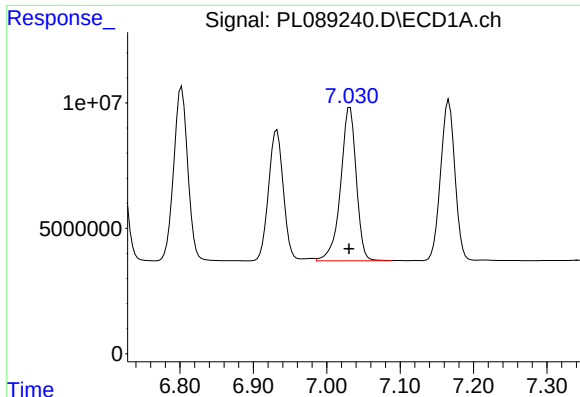
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.001 min
Response: 81812364
Conc: 48.50 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 65251189
Conc: 52.91 ng/ml



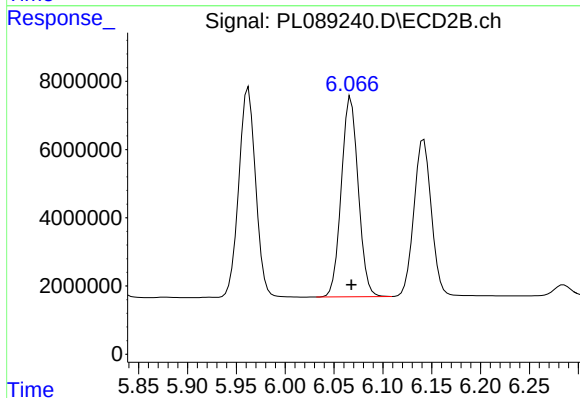
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.001 min
Response: 90614912
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MS

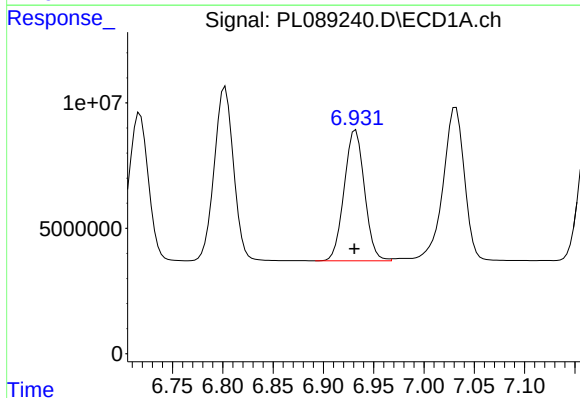
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



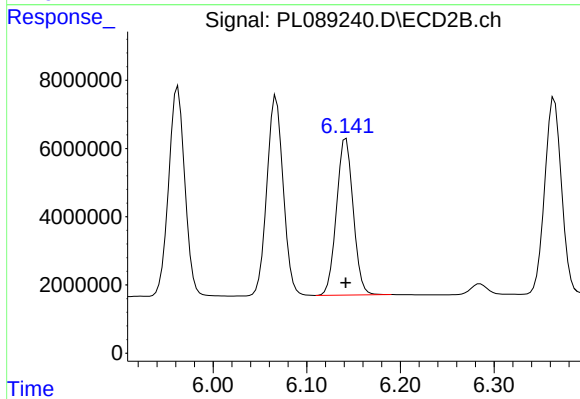
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 70742675
Conc: 52.29 ng/ml



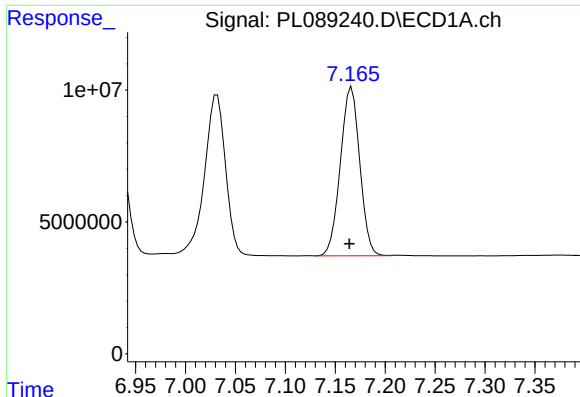
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.001 min
Response: 73063099
Conc: 48.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 56998243
Conc: 51.24 ng/ml



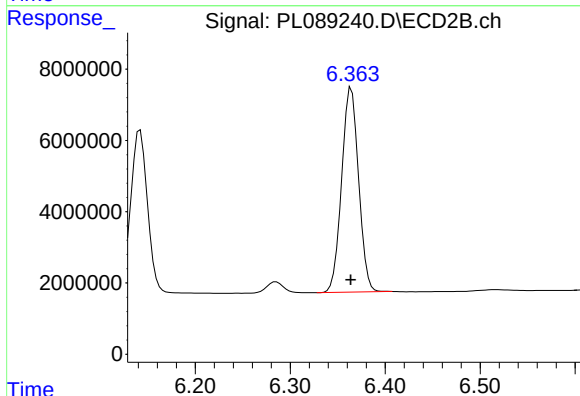
#19 Endosulfan Sulfate

R.T.: 7.167 min
Delta R.T.: 0.002 min
Response: 86522648
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MS

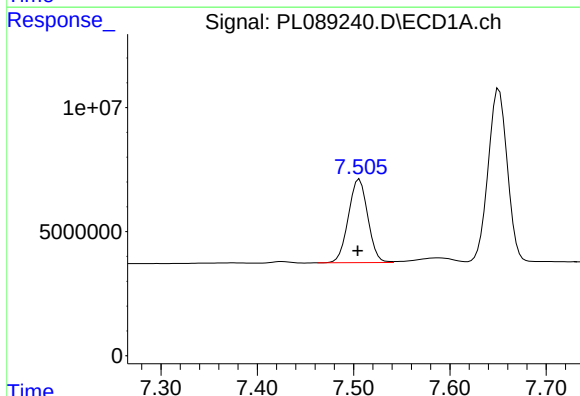
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



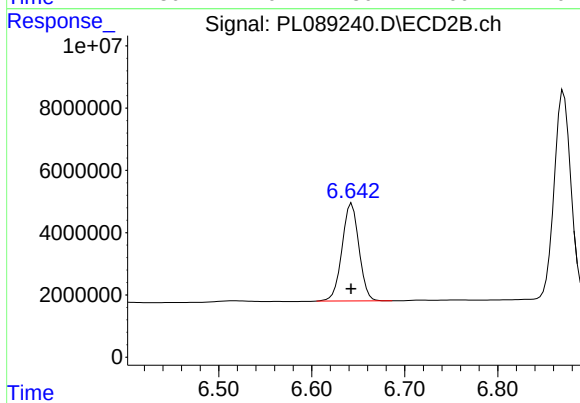
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 71322073
Conc: 51.42 ng/ml



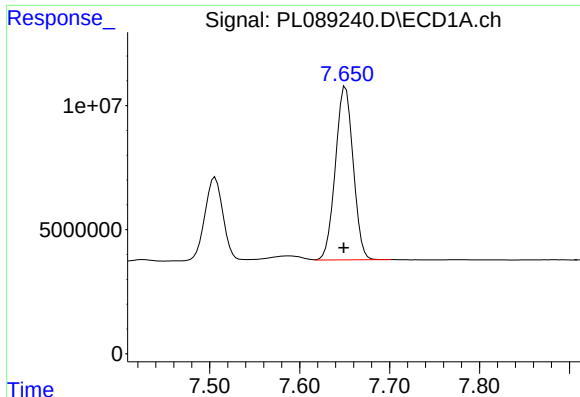
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 46857725
Conc: 47.65 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 39777428
Conc: 49.75 ng/ml



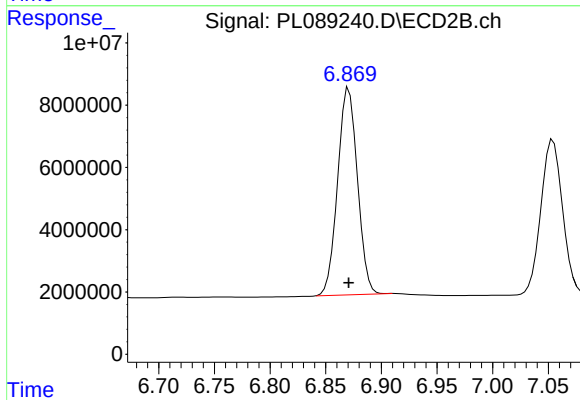
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.002 min
Response: 95903320
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MS

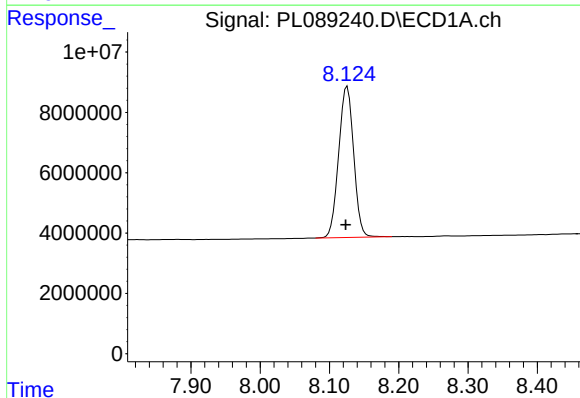
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



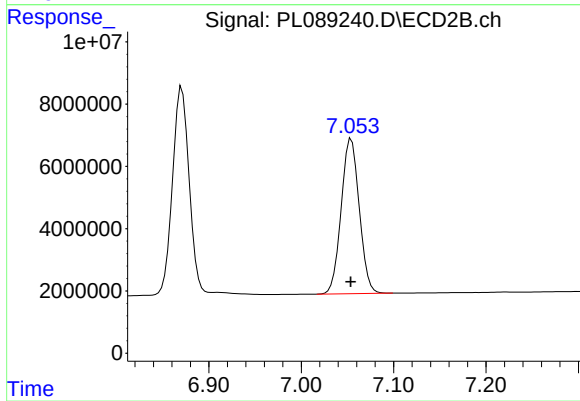
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 82509707
Conc: 51.60 ng/ml



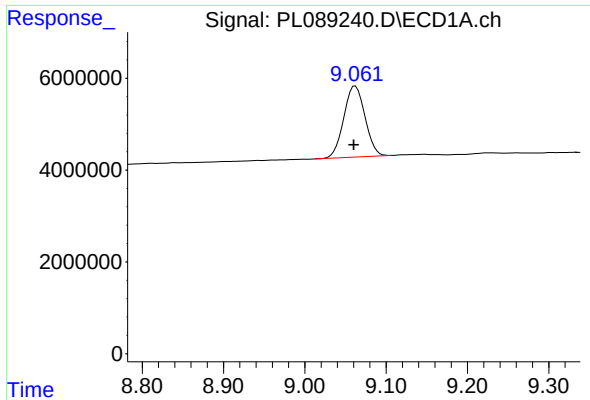
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.002 min
Response: 75317803
Conc: 48.46 ng/ml



#22 Mirex

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 67761873
Conc: 49.67 ng/ml



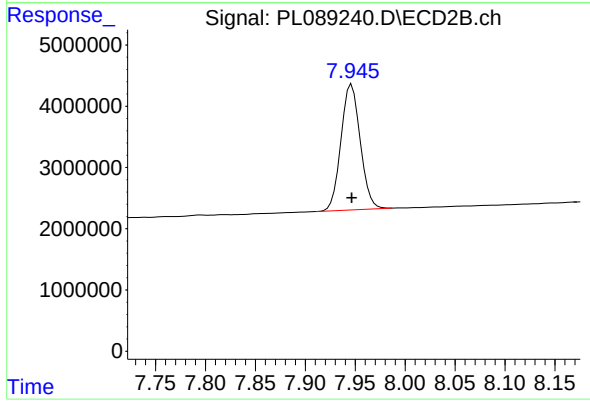
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 28019838
Conc: 20.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



#28 Decachlorobiphenyl

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 27551874
Conc: 20.48 ng/ml