

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022224\
 Data File : PL088211.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2024 12:41
 Operator : AR\AJ
 Sample : PB159194BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159194BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/23/2024
 Supervised By :Ankita Jodhani 02/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 20:52:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 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...	3.644	2.856	47873252	24850000	17.429	17.718
28) SA Decachlor...	9.315	8.090	41807738	25695064	21.708	20.180
Target Compounds						
2) A alpha-BHC	4.109	3.371	40242069	19767760	9.641	9.620
3) MA gamma-BHC...	4.447	3.708	40034887	19859521	9.886	9.917
4) MA Heptachlor	5.046	4.056	41024328	19570925	10.660m	10.743
5) MB Aldrin	5.394	4.342	38172993	19083702	9.997	9.840
6) B beta-BHC	4.644	4.010	18926081	10008644	10.867	11.245
7) B delta-BHC	4.897	4.245	40798308	19157128	10.723	9.604
8) B Heptachlo...	5.826	4.853	36030808	18138517	10.284	10.456
9) A Endosulfan I	6.218	5.230	32240165	16692067	10.301	10.374
10) B gamma-Chl...	6.086	5.108	35296536	18062057	10.386	10.126
11) B alpha-Chl...	6.166	5.173	35893361	18351091	10.517	10.301
12) B 4,4'-DDE	6.340	5.366	30495340	15436180	10.055	9.712
13) MA Dieldrin	6.496	5.499	33302478	17402477	10.128	10.086
14) MA Endrin	6.729	5.777	28899515	15458517	11.113	10.339m
15) B Endosulfa...	6.949	6.076	32063094	16012799	11.196	10.511
16) A 4,4'-DDD	6.863	5.927	24441300	14165111	9.423	10.368m
17) MA 4,4'-DDT	7.181	6.184	26043089	14509891	9.905	10.628
18) B Endrin al...	7.080	6.258	22975081	12777519	11.112	11.699
19) B Endosulfa...	7.316	6.484	29516821	15456358	11.330m	11.005
20) A Methoxychlor	7.661	6.768	15486865	9307615	11.700	11.876
21) B Endrin ke...	7.808	6.998	31267097	17720379	11.162	10.584
22) Mirex	8.289	7.182	26100382	15523876	11.264m	11.849m

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

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Data File : PL088211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2024 12:41
Operator : AR\AJ
Sample : PB159194BS
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Instrument :

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ClientSampleId :

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Manual Integrations

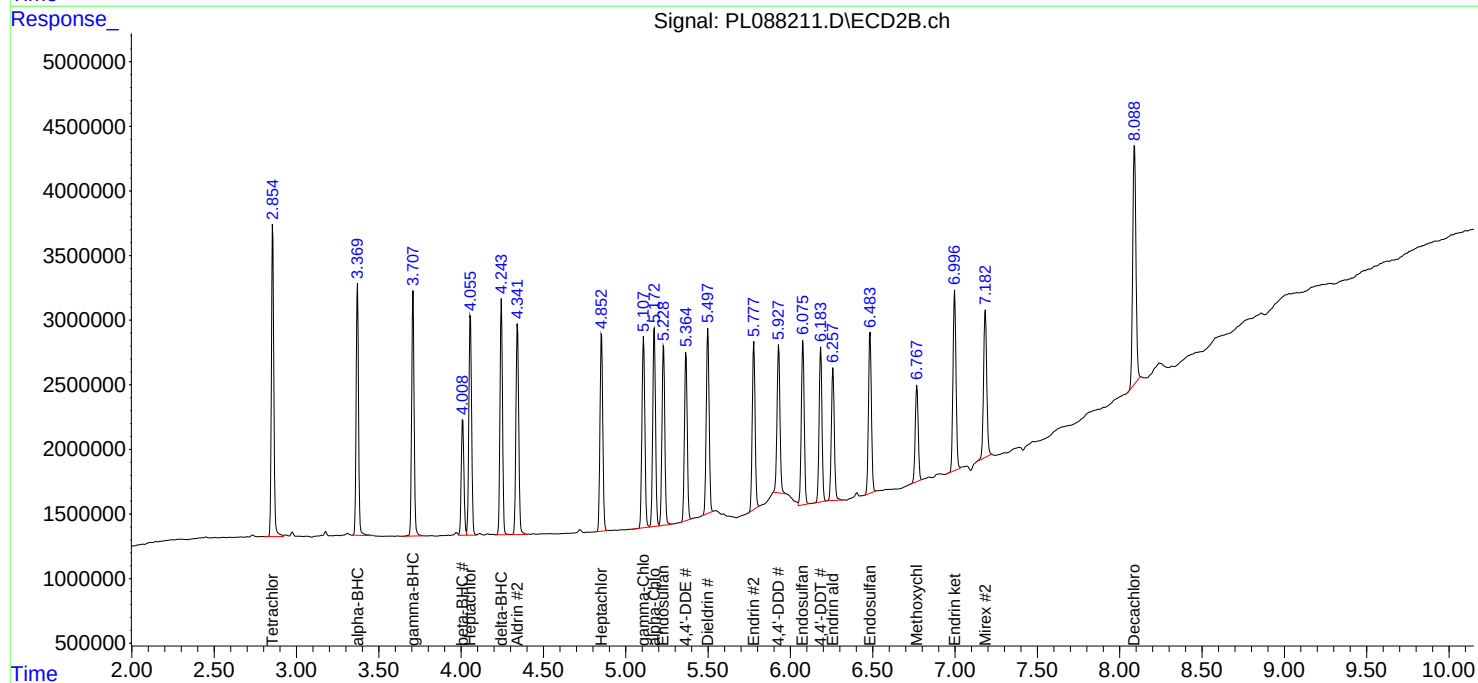
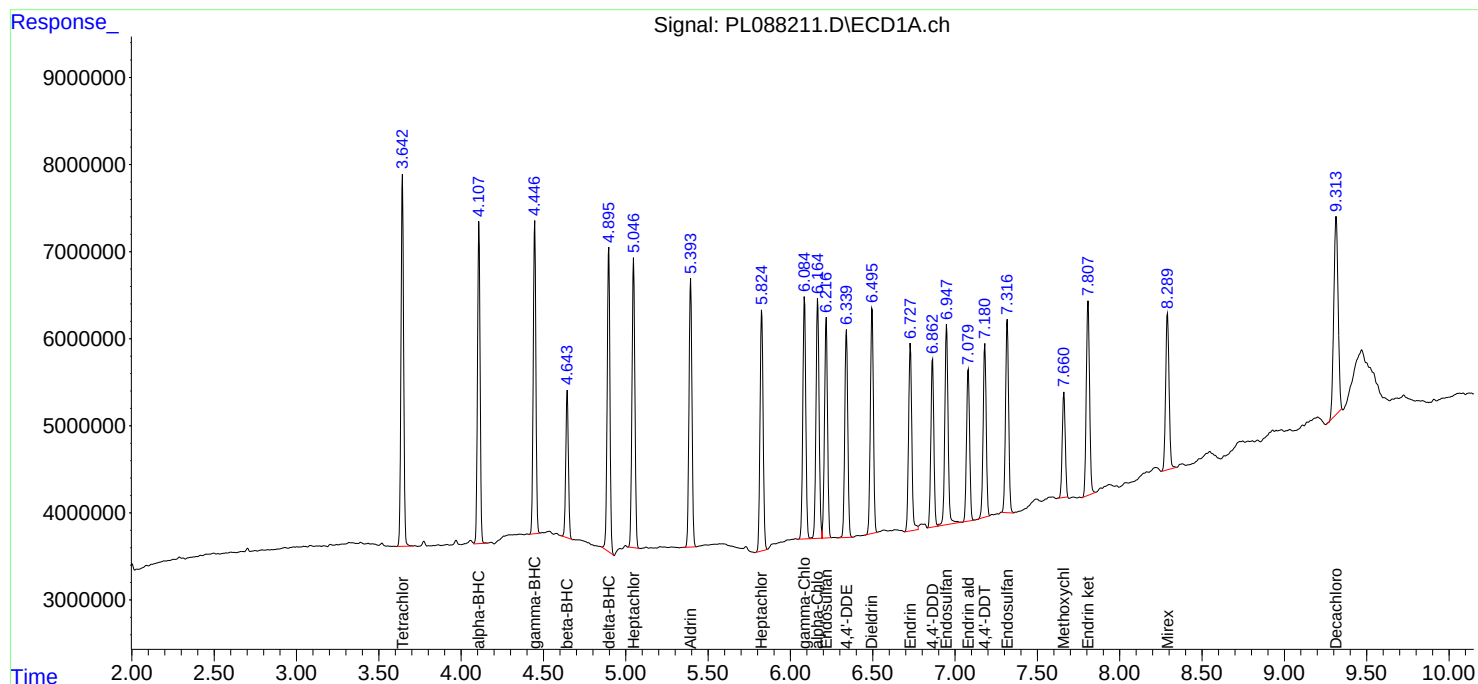
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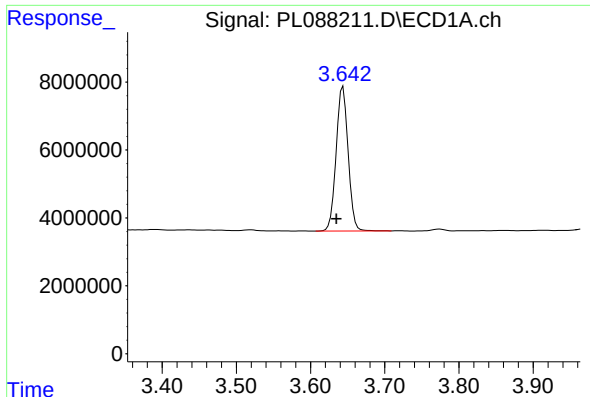
Reviewed By :Abdul Mirza 02/23/2024

Supervised By :Ankita Jodhani 02/23/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 20:52:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
Response via : Initial Calibration
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





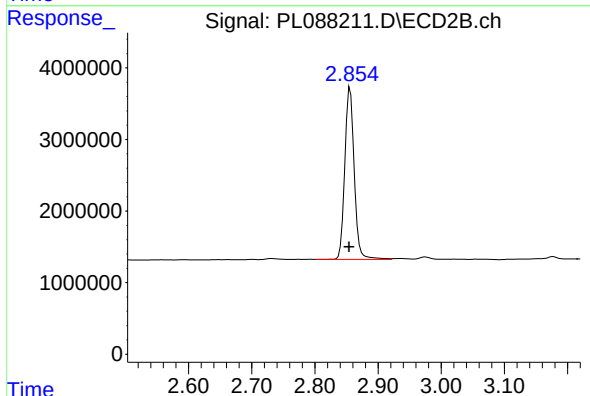
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.009 min
Response: 47873252
Conc: 17.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159194BS

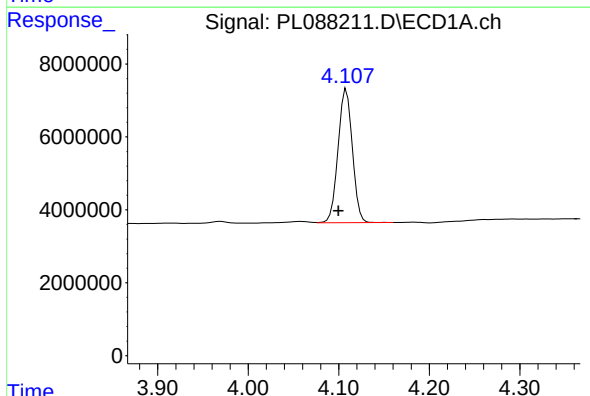
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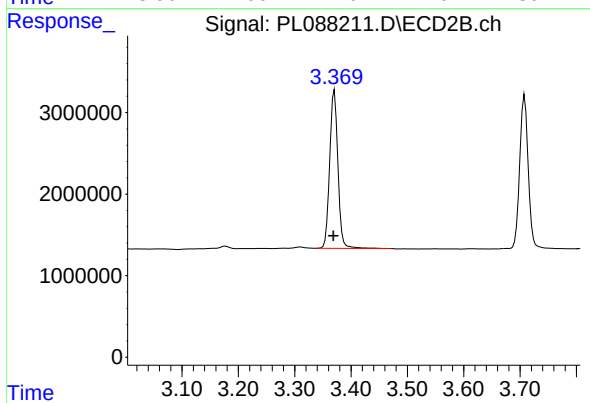
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.002 min
Response: 24850000
Conc: 17.72 ng/ml



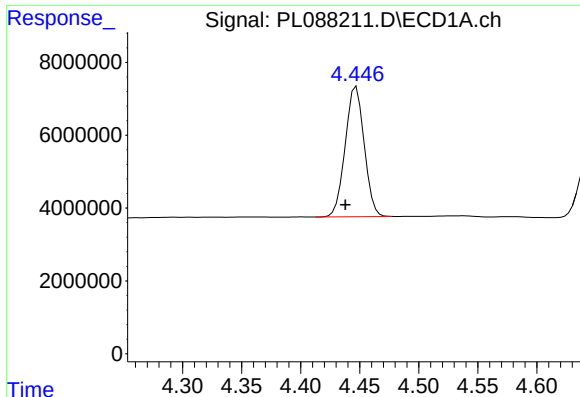
#2 alpha-BHC

R.T.: 4.109 min
Delta R.T.: 0.009 min
Response: 40242069
Conc: 9.64 ng/ml



#2 alpha-BHC

R.T.: 3.371 min
Delta R.T.: 0.002 min
Response: 19767760
Conc: 9.62 ng/ml



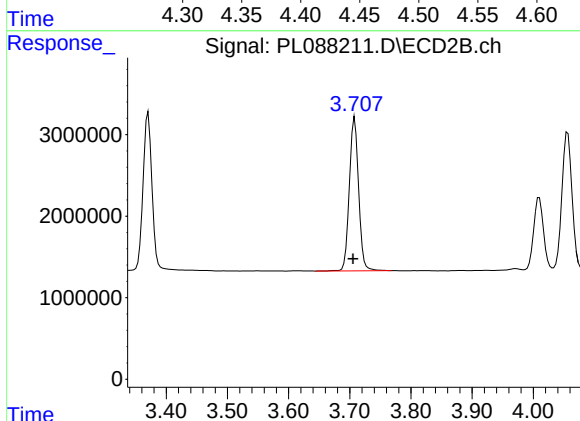
#3 gamma-BHC (Lindane)

R.T.: 4.447 min
Delta R.T.: 0.009 min
Response: 40034887
Conc: 9.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159194BS

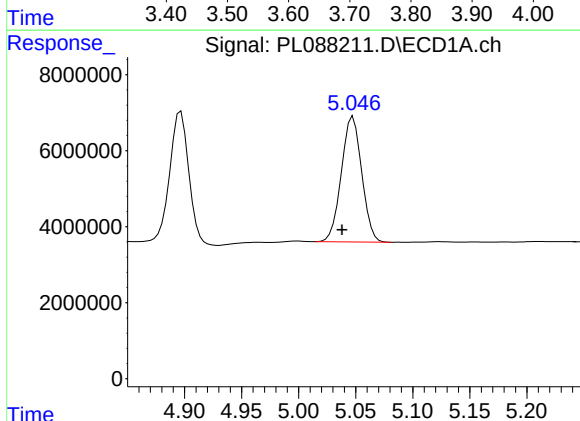
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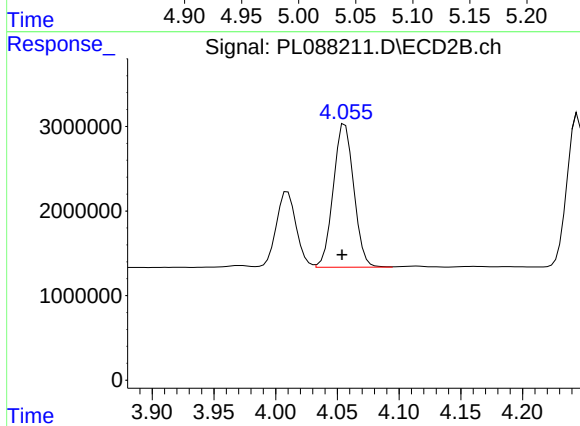
#3 gamma-BHC (Lindane)

R.T.: 3.708 min
Delta R.T.: 0.002 min
Response: 19859521
Conc: 9.92 ng/ml



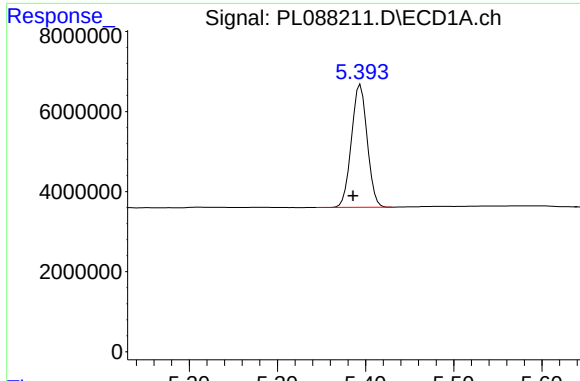
#4 Heptachlor

R.T.: 5.046 min
Delta R.T.: 0.008 min
Response: 41024328
Conc: 10.66 ng/ml m



#4 Heptachlor

R.T.: 4.056 min
Delta R.T.: 0.002 min
Response: 19570925
Conc: 10.74 ng/ml



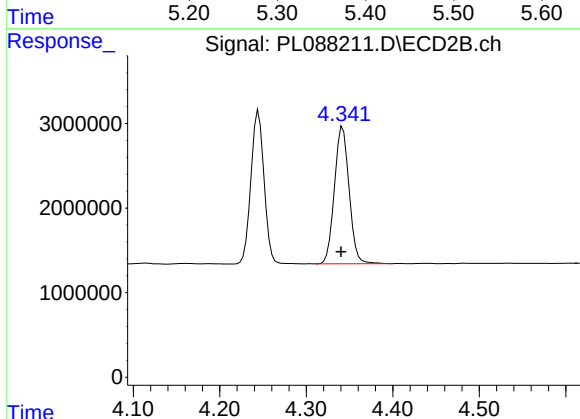
#5 Aldrin

R.T.: 5.394 min
Delta R.T.: 0.008 min
Response: 38172993
Conc: 10.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159194BS

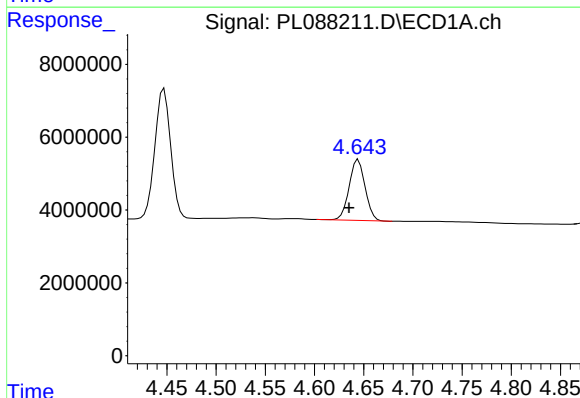
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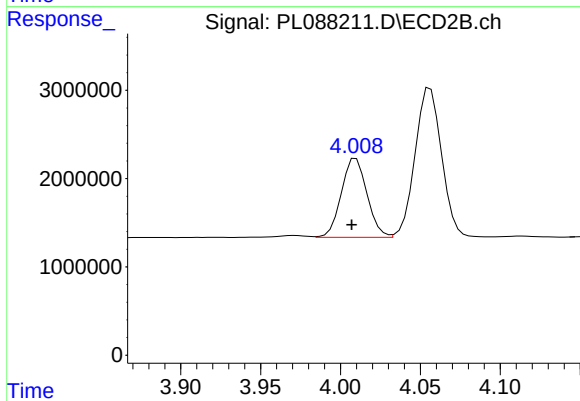
#5 Aldrin

R.T.: 4.342 min
Delta R.T.: 0.002 min
Response: 19083702
Conc: 9.84 ng/ml



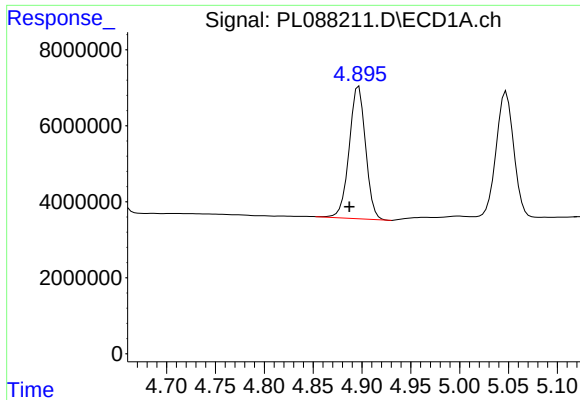
#6 beta-BHC

R.T.: 4.644 min
Delta R.T.: 0.009 min
Response: 18926081
Conc: 10.87 ng/ml



#6 beta-BHC

R.T.: 4.010 min
Delta R.T.: 0.003 min
Response: 10008644
Conc: 11.24 ng/ml



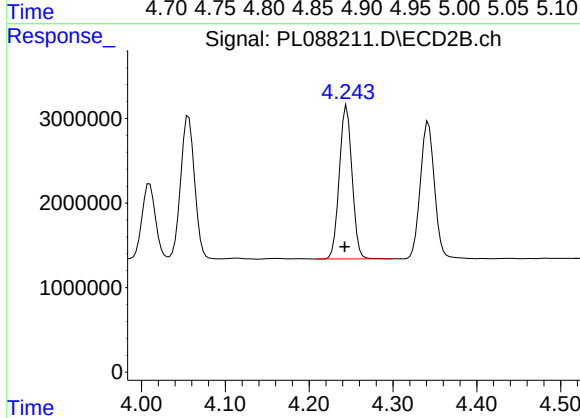
#7 delta-BHC

R.T.: 4.897 min
Delta R.T.: 0.010 min
Response: 40798308
Conc: 10.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159194BS

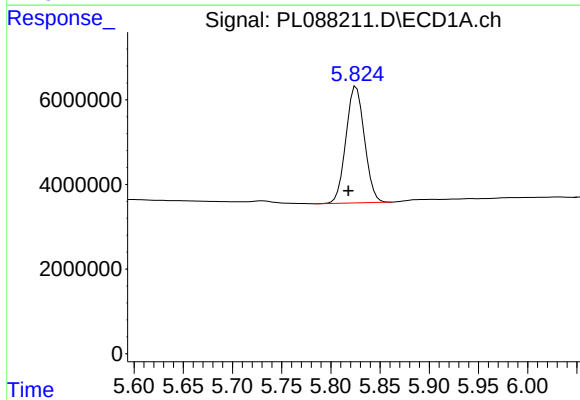
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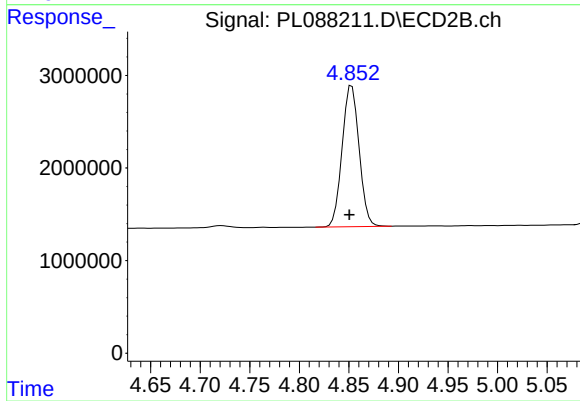
#7 delta-BHC

R.T.: 4.245 min
Delta R.T.: 0.003 min
Response: 19157128
Conc: 9.60 ng/ml



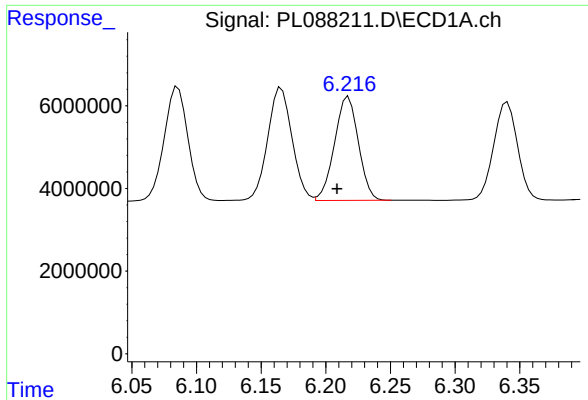
#8 Heptachlor epoxide

R.T.: 5.826 min
Delta R.T.: 0.008 min
Response: 36030808
Conc: 10.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.853 min
Delta R.T.: 0.002 min
Response: 18138517
Conc: 10.46 ng/ml



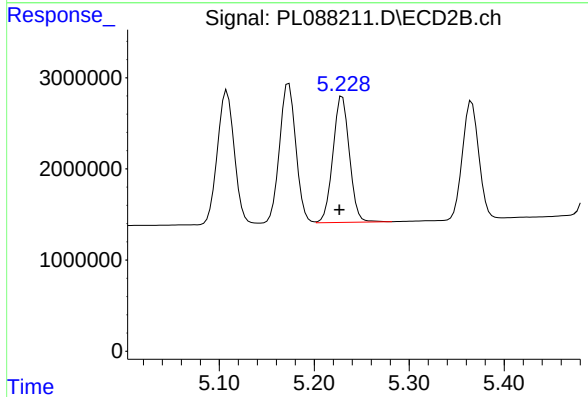
#9 Endosulfan I

R.T.: 6.218 min
Delta R.T.: 0.009 min
Response: 32240165
Conc: 10.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159194BS

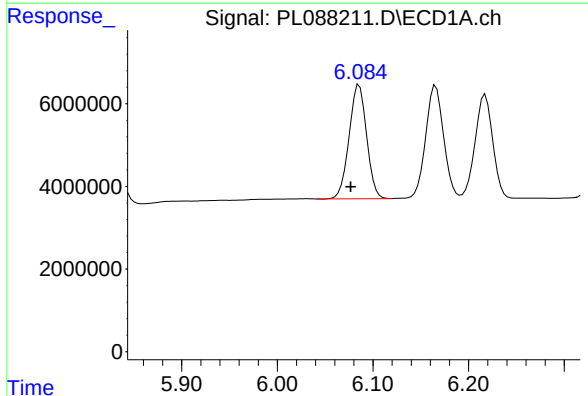
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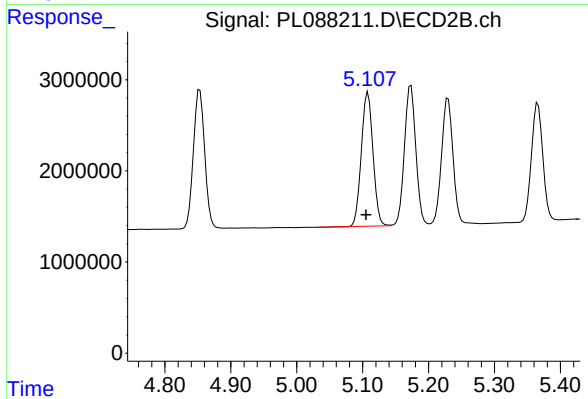
#9 Endosulfan I

R.T.: 5.230 min
Delta R.T.: 0.003 min
Response: 16692067
Conc: 10.37 ng/ml



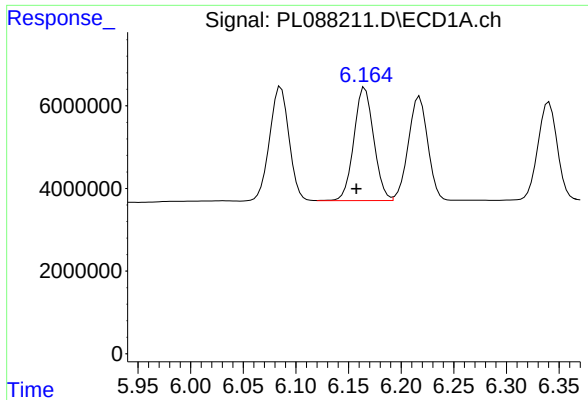
#10 gamma-Chlordane

R.T.: 6.086 min
Delta R.T.: 0.009 min
Response: 35296536
Conc: 10.39 ng/ml



#10 gamma-Chlordane

R.T.: 5.108 min
Delta R.T.: 0.003 min
Response: 18062057
Conc: 10.13 ng/ml



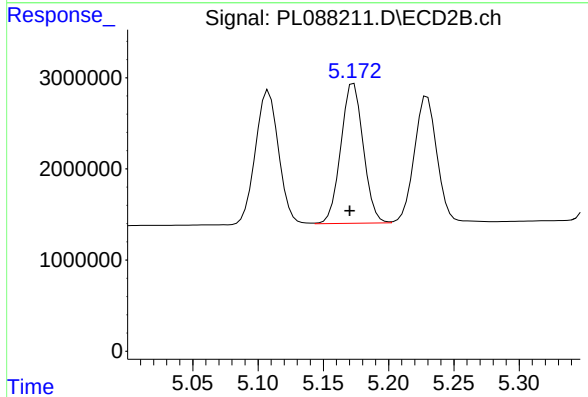
#11 alpha-Chlordane

R.T.: 6.166 min
Delta R.T.: 0.008 min
Response: 35893361
Conc: 10.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159194BS

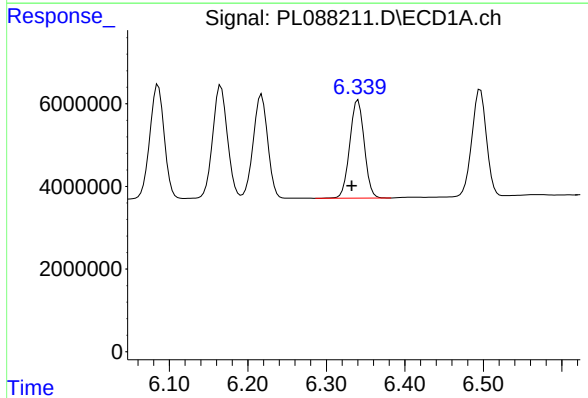
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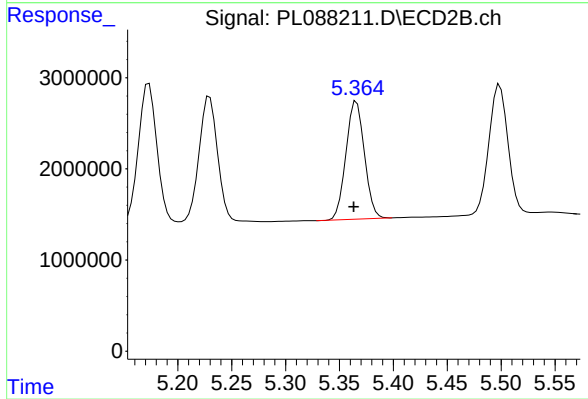
#11 alpha-Chlordane

R.T.: 5.173 min
Delta R.T.: 0.003 min
Response: 18351091
Conc: 10.30 ng/ml



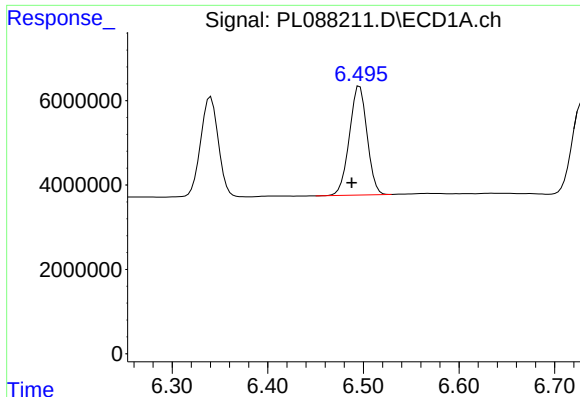
#12 4,4'-DDE

R.T.: 6.340 min
Delta R.T.: 0.008 min
Response: 30495340
Conc: 10.06 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.003 min
Response: 15436180
Conc: 9.71 ng/ml



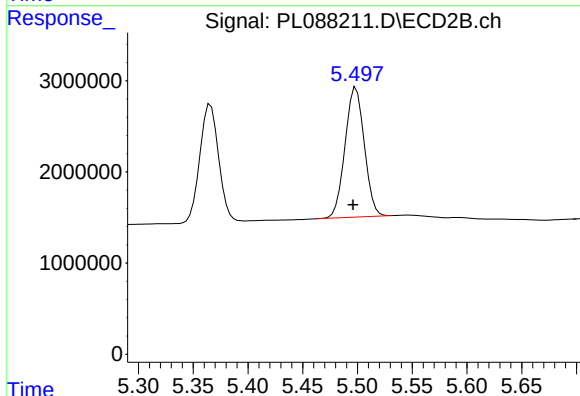
#13 Dieldrin

R.T.: 6.496 min
Delta R.T.: 0.009 min
Response: 33302478
Conc: 10.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159194BS

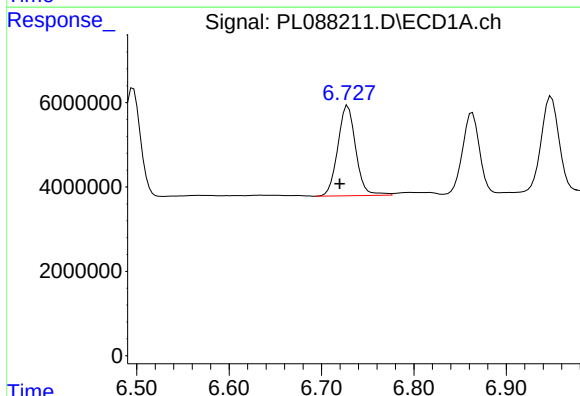
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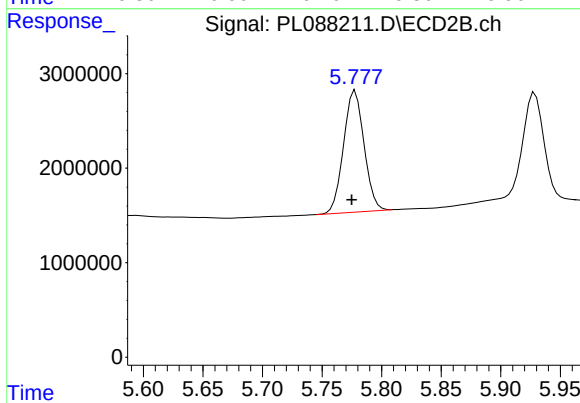
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: 0.003 min
Response: 17402477
Conc: 10.09 ng/ml



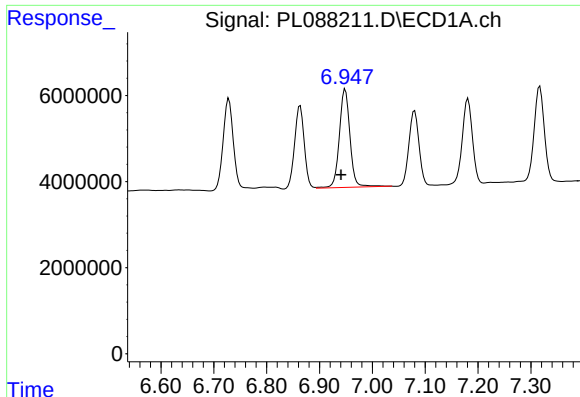
#14 Endrin

R.T.: 6.729 min
Delta R.T.: 0.009 min
Response: 28899515
Conc: 11.11 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.002 min
Response: 15458517
Conc: 10.34 ng/ml m



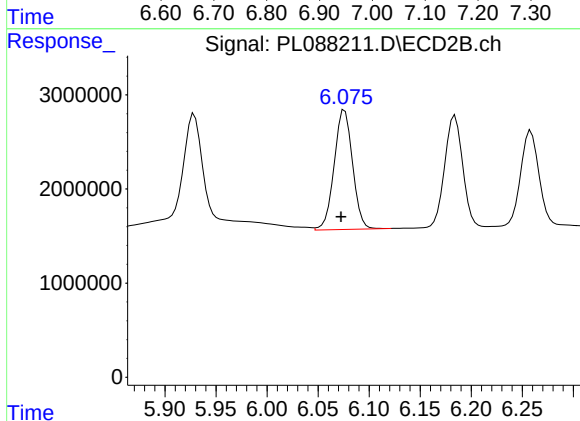
#15 Endosulfan II

R.T.: 6.949 min
Delta R.T.: 0.008 min
Response: 32063094
Conc: 11.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159194BS

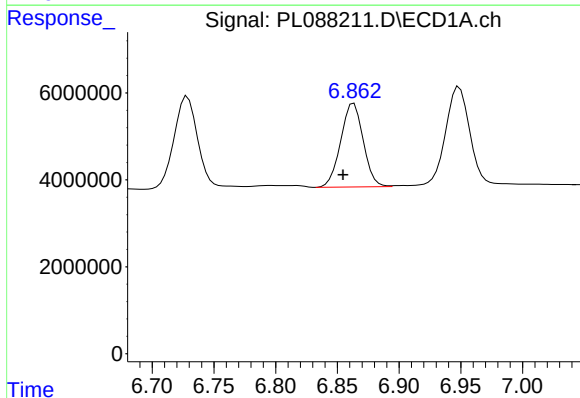
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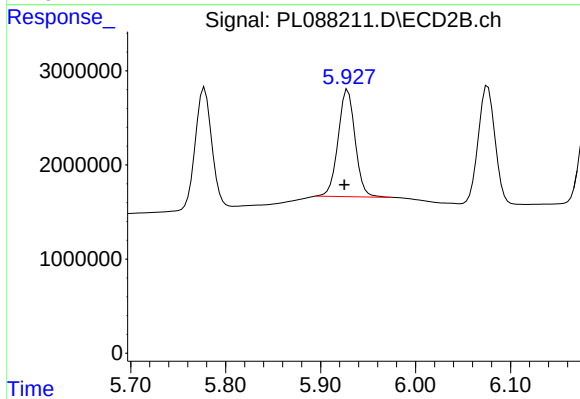
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.003 min
Response: 16012799
Conc: 10.51 ng/ml



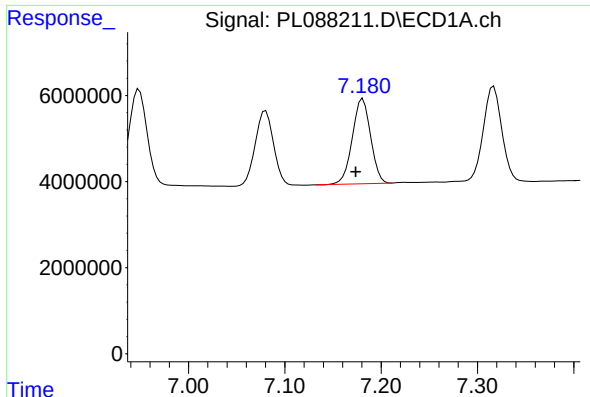
#16 4,4'-DDD

R.T.: 6.863 min
Delta R.T.: 0.009 min
Response: 24441300
Conc: 9.42 ng/ml



#16 4,4'-DDD

R.T.: 5.927 min
Delta R.T.: 0.002 min
Response: 14165111
Conc: 10.37 ng/ml m



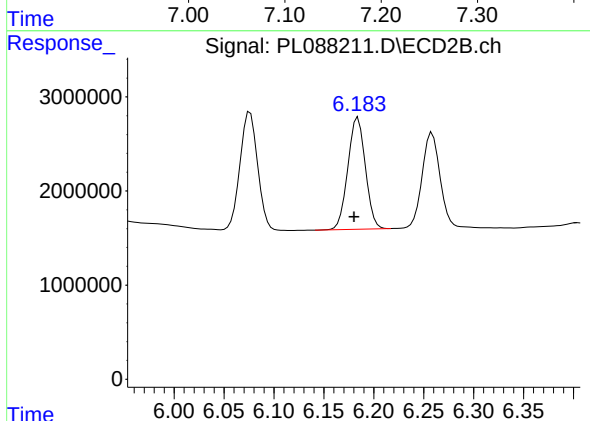
#17 4,4'-DDT

R.T.: 7.181 min
Delta R.T.: 0.008 min
Response: 26043089
Conc: 9.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159194BS

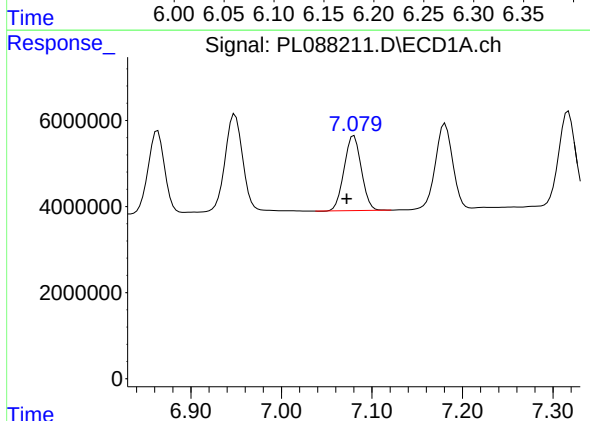
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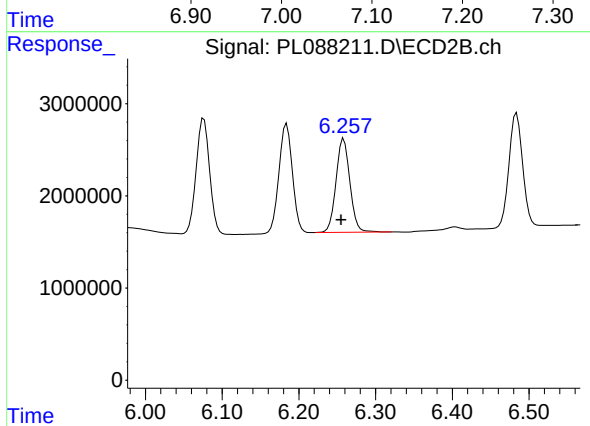
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: 0.004 min
Response: 14509891
Conc: 10.63 ng/ml



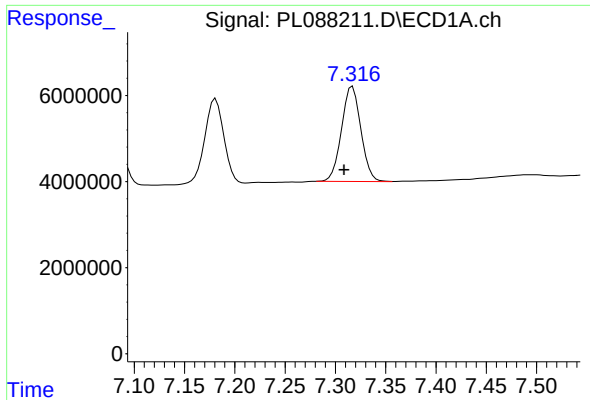
#18 Endrin aldehyde

R.T.: 7.080 min
Delta R.T.: 0.008 min
Response: 22975081
Conc: 11.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: 0.003 min
Response: 12777519
Conc: 11.70 ng/ml



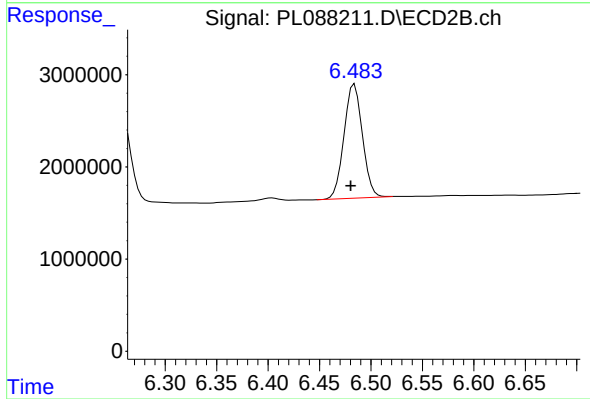
#19 Endosulfan Sulfate

R.T.: 7.316 min
Delta R.T.: 0.007 min
Response: 29516821
Conc: 11.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159194BS

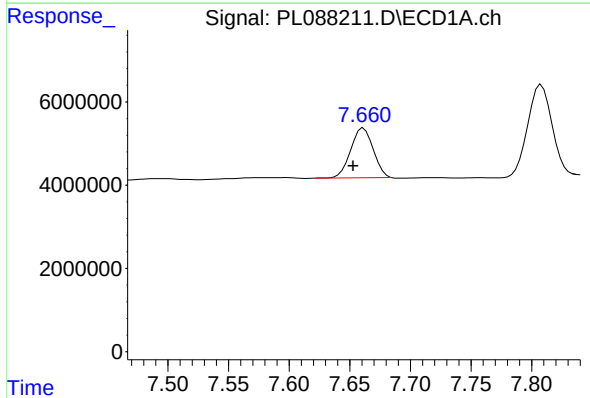
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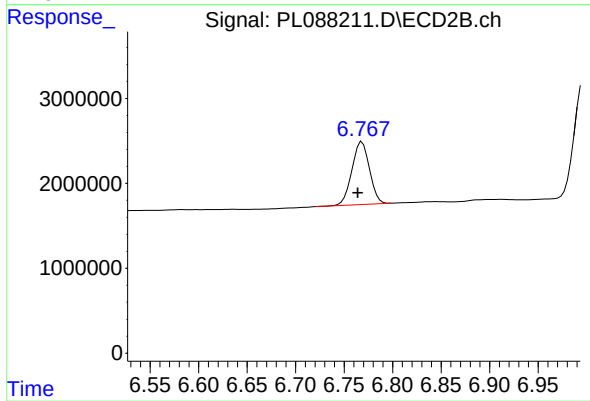
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: 0.003 min
Response: 15456358
Conc: 11.01 ng/ml



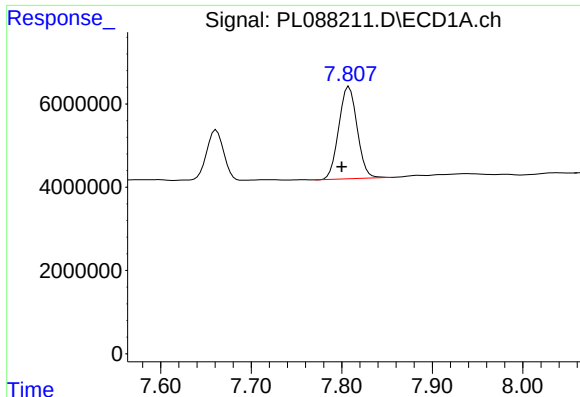
#20 Methoxychlor

R.T.: 7.661 min
Delta R.T.: 0.009 min
Response: 15486865
Conc: 11.70 ng/ml



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: 0.004 min
Response: 9307615
Conc: 11.88 ng/ml



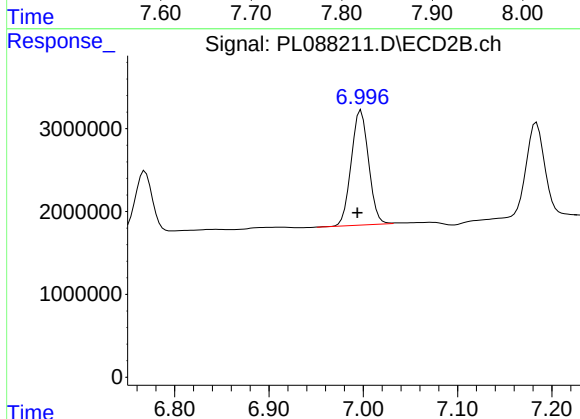
#21 Endrin ketone

R.T.: 7.808 min
Delta R.T.: 0.008 min
Response: 31267097
Conc: 11.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159194BS

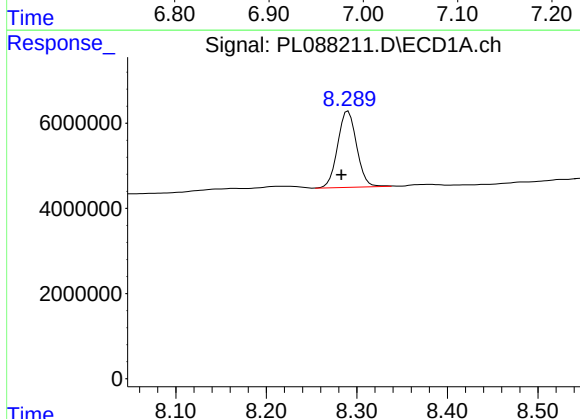
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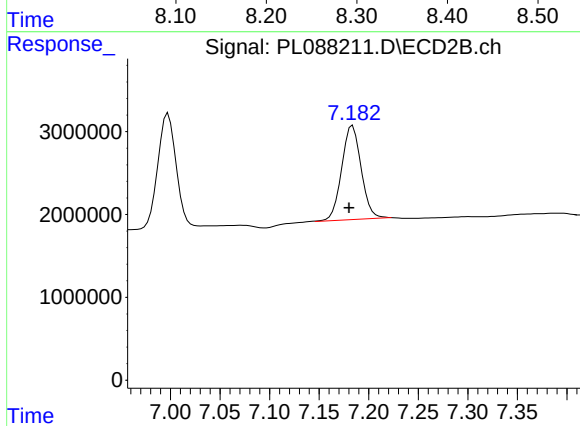
#21 Endrin ketone

R.T.: 6.998 min
Delta R.T.: 0.004 min
Response: 17720379
Conc: 10.58 ng/ml



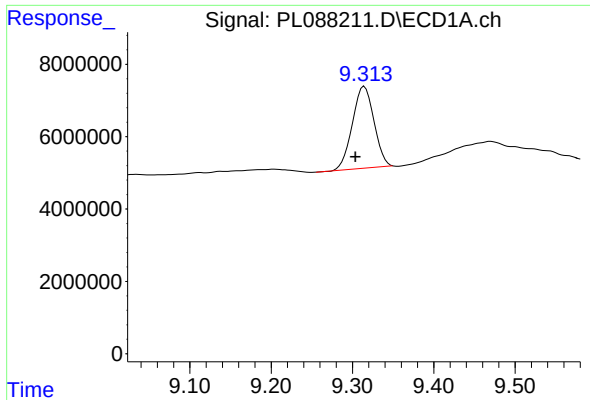
#22 Mirex

R.T.: 8.289 min
Delta R.T.: 0.006 min
Response: 26100382
Conc: 11.26 ng/ml m



#22 Mirex

R.T.: 7.182 min
Delta R.T.: 0.002 min
Response: 15523876
Conc: 11.85 ng/ml m



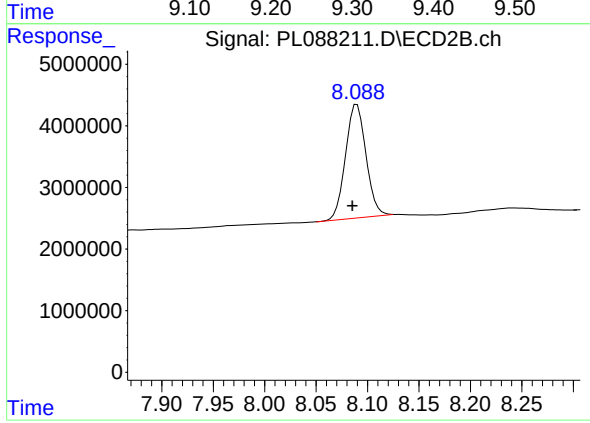
#28 Decachlorobiphenyl

R.T.: 9.315 min
Delta R.T.: 0.011 min
Response: 41807738
Conc: 21.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159194BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/23/2024
Supervised By :Ankita Jodhani 02/23/2024



#28 Decachlorobiphenyl

R.T.: 8.090 min
Delta R.T.: 0.005 min
Response: 25695064
Conc: 20.18 ng/ml