

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092023\
 Data File : PL085428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 11:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/21/2023
 Supervised By : Ankita Jodhani 09/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 00:14:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 20 10:25:09 2023
 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...	3.421	2.654	168.5E6	74274746	50.584	48.825
28)	SA Decachlor...	8.957	7.834	158.1E6	89173335	46.456	45.549
Target Compounds							
2)	A alpha-BHC	3.877	3.158	256.7E6	116.4E6	52.084	49.966
3)	MA gamma-BHC...	4.211	3.488	253.4E6	113.9E6	51.848	49.455
4)	MA Heptachlor	4.801	3.828	232.5E6	106.8E6	50.438	49.670
5)	MB Aldrin	5.143	4.107	241.1E6	113.6E6	49.817	48.565
6)	B beta-BHC	4.412	3.791	98740612	46221806	47.419	48.096
7)	B delta-BHC	4.656	4.019	248.4E6	113.9E6	52.084m	49.329
8)	B Heptachlo...	5.573	4.614	218.4E6	98844697	50.903	47.807
9)	A Endosulfan I	5.959	4.983	204.5E6	95969473	49.607	47.125
10)	B gamma-Chl...	5.831	4.866	217.9E6	103.6E6	49.673	48.845
11)	B alpha-Chl...	5.911	4.930	217.1E6	104.4E6	49.382	47.949
12)	B 4,4'-DDE	6.093	5.130	193.7E6	96574144	48.561	47.713
13)	MA Dieldrin	6.235	5.250	219.2E6	106.6E6	50.541m	48.721
14)	MA Endrin	6.464	5.525	181.0E6	88773442	50.434m	47.389
15)	B Endosulfa...	6.688	5.824	186.0E6	92827452	47.009	47.338
16)	A 4,4'-DDD	6.614	5.687	163.7E6	81510528	50.242	47.388m
17)	MA 4,4'-DDT	6.929	5.940	174.2E6	90571626	48.525	49.709
18)	B Endrin al...	6.820	6.005	140.8E6	72159139	48.332	45.543
19)	B Endosulfa...	7.054	6.231	178.9E6	88281220	48.924m	46.941
20)	A Methoxychlor	7.412	6.527	105.9E6	48988288	48.317m	46.181
21)	B Endrin ke...	7.538	6.736	200.3E6	116.3E6	49.348m	46.565
22)	Mirex	8.013	6.912	153.7E6	85421565	48.358	46.986m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092023\
 Data File : PL085428.D
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 Acq On : 20 Sep 2023 11:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

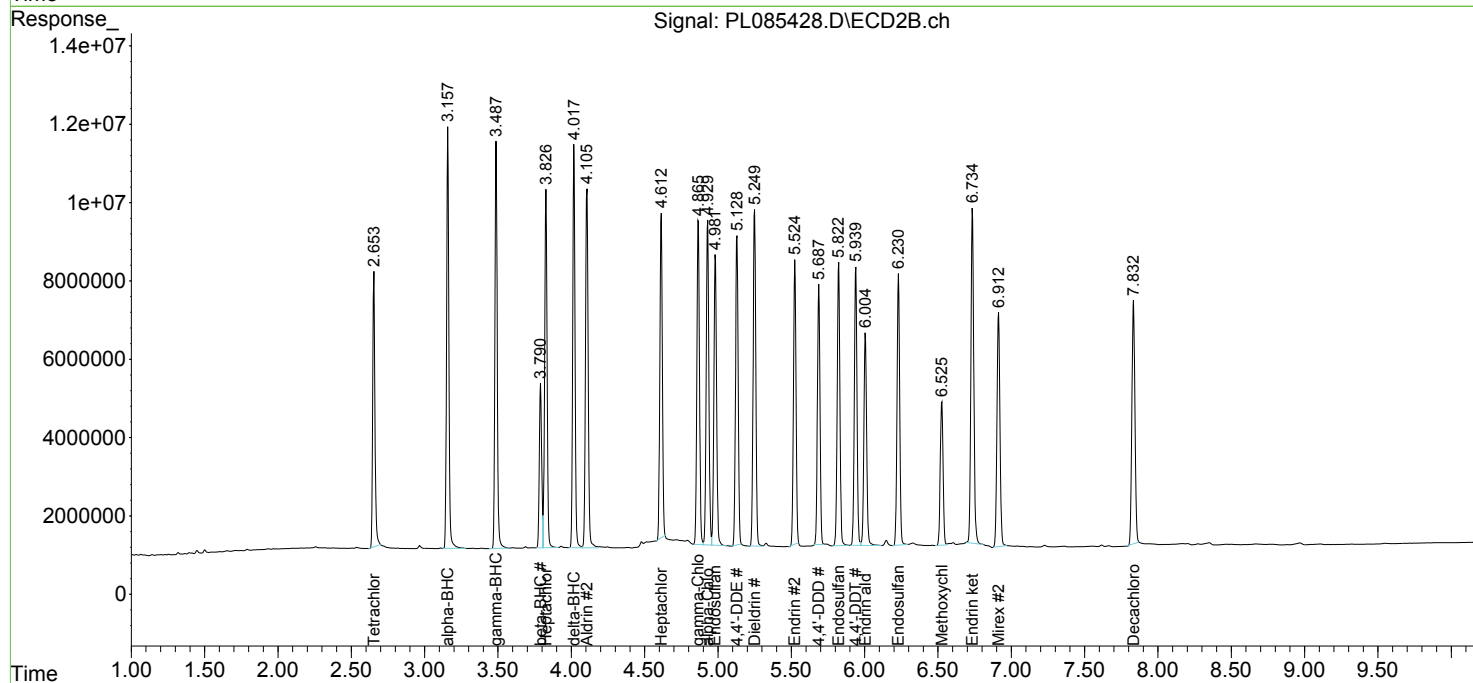
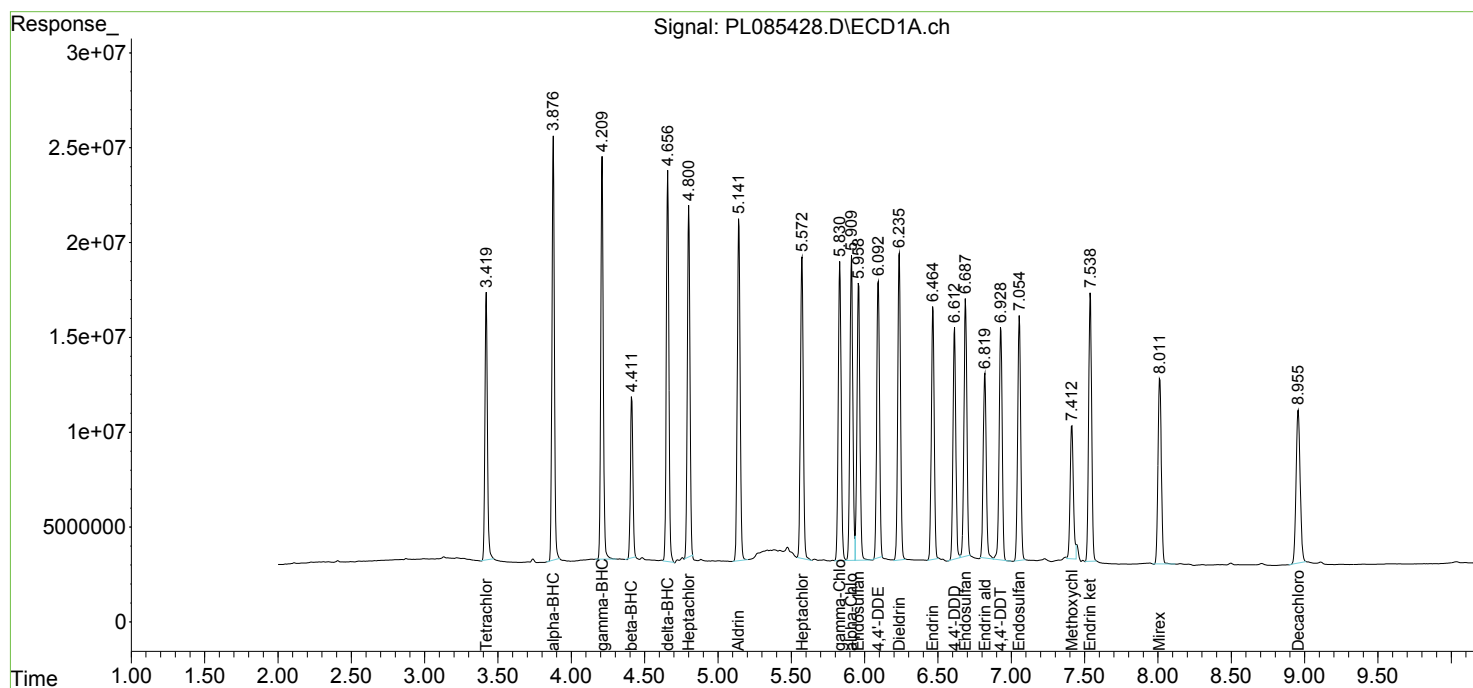
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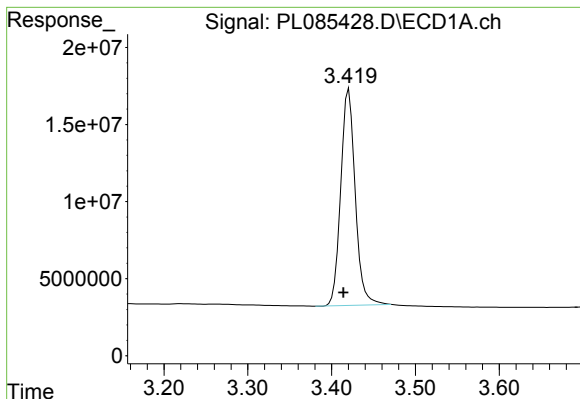
Reviewed By :Abdul Mirza 09/21/2023

Supervised By :Ankita Jodhani 09/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 00:14:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





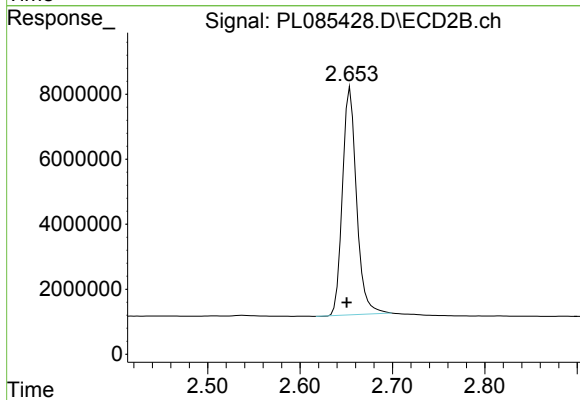
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.007 min
Response: 168472441
Conc: 50.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

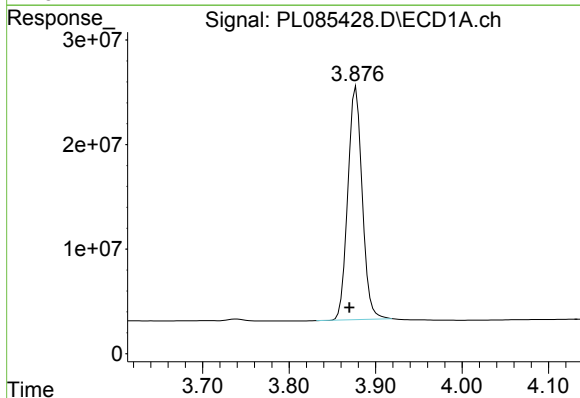
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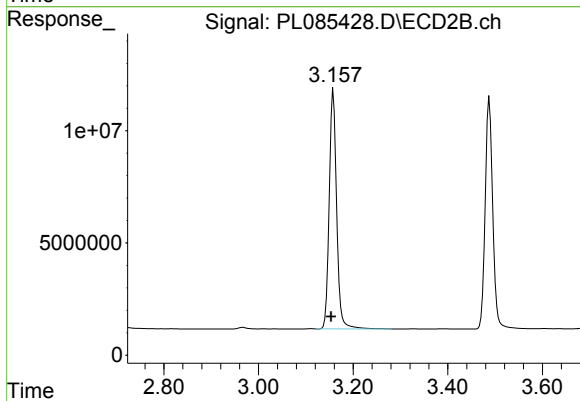
#1 Tetrachloro-m-xylene

R.T.: 2.654 min
Delta R.T.: 0.004 min
Response: 74274746
Conc: 48.83 ng/ml



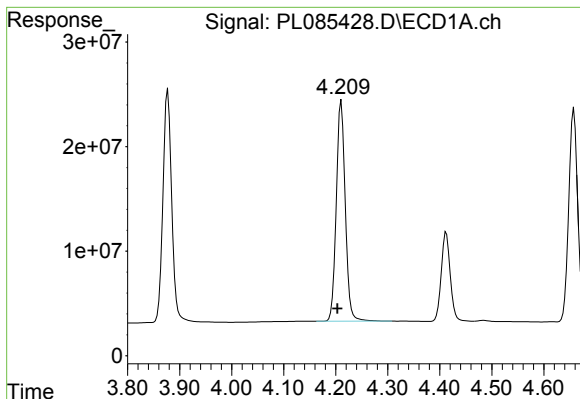
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: 0.008 min
Response: 256680686
Conc: 52.08 ng/ml



#2 alpha-BHC

R.T.: 3.158 min
Delta R.T.: 0.005 min
Response: 116425482
Conc: 49.97 ng/ml



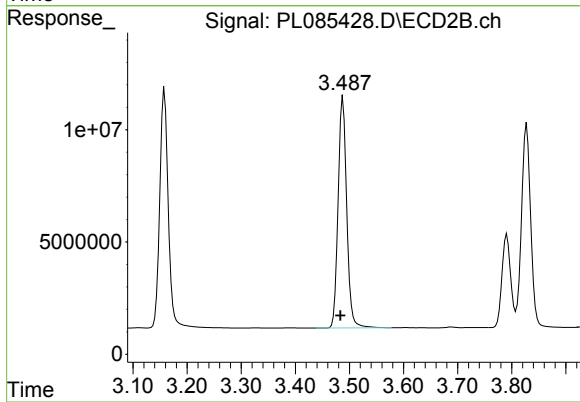
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: 0.008 min
Response: 253424674
Conc: 51.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

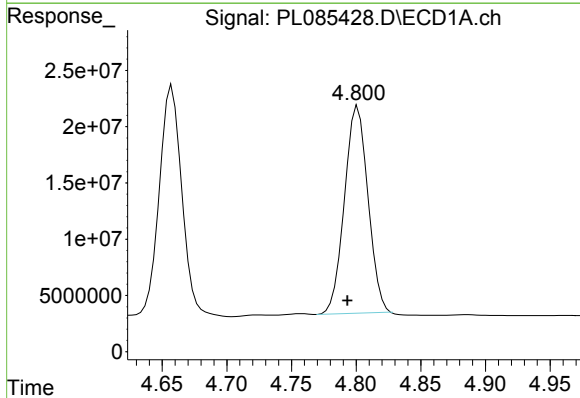
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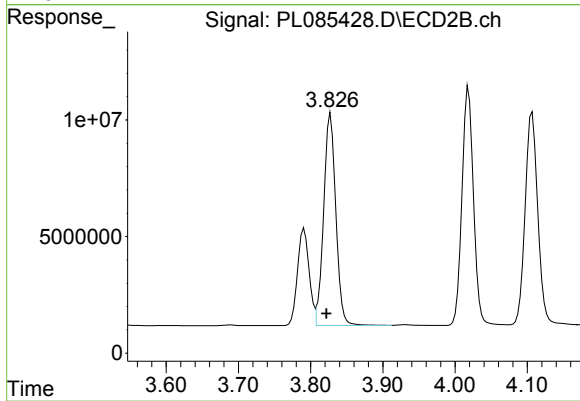
#3 gamma-BHC (Lindane)

R.T.: 3.488 min
Delta R.T.: 0.005 min
Response: 113922308
Conc: 49.46 ng/ml



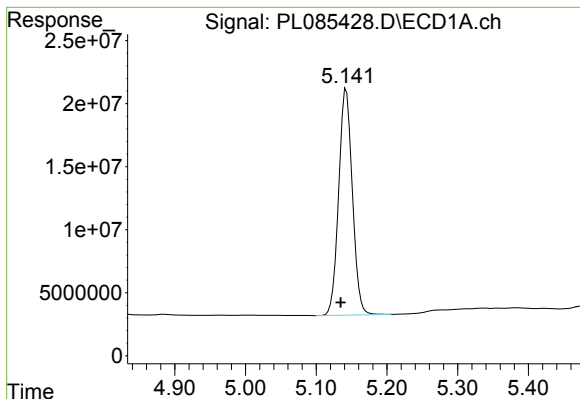
#4 Heptachlor

R.T.: 4.801 min
Delta R.T.: 0.008 min
Response: 232472367
Conc: 50.44 ng/ml



#4 Heptachlor

R.T.: 3.828 min
Delta R.T.: 0.006 min
Response: 106819150
Conc: 49.67 ng/ml



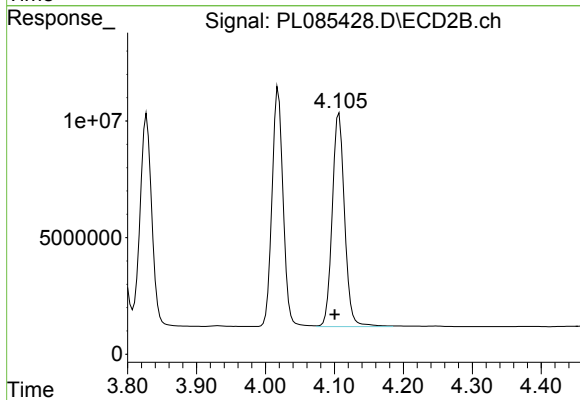
#5 Aldrin

R.T.: 5.143 min
Delta R.T.: 0.008 min
Response: 241148710
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

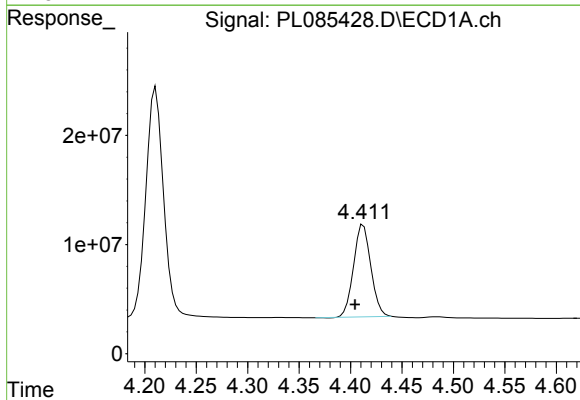
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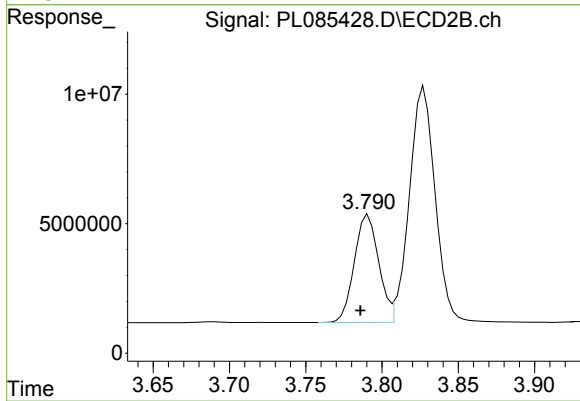
#5 Aldrin

R.T.: 4.107 min
Delta R.T.: 0.006 min
Response: 113604218
Conc: 48.56 ng/ml



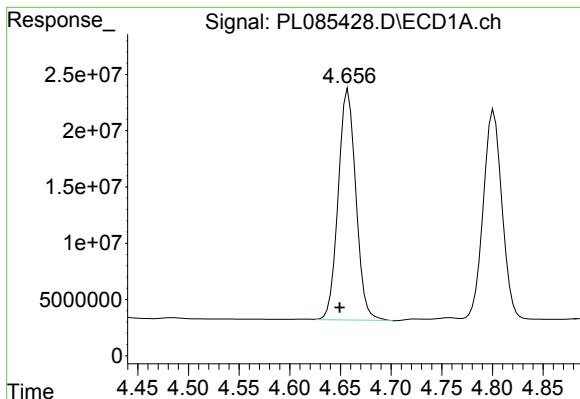
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: 0.008 min
Response: 98740612
Conc: 47.42 ng/ml



#6 beta-BHC

R.T.: 3.791 min
Delta R.T.: 0.005 min
Response: 46221806
Conc: 48.10 ng/ml



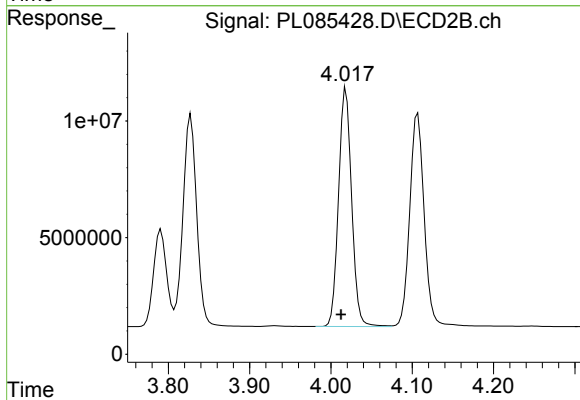
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: 0.007 min
Response: 248434071
Conc: 52.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

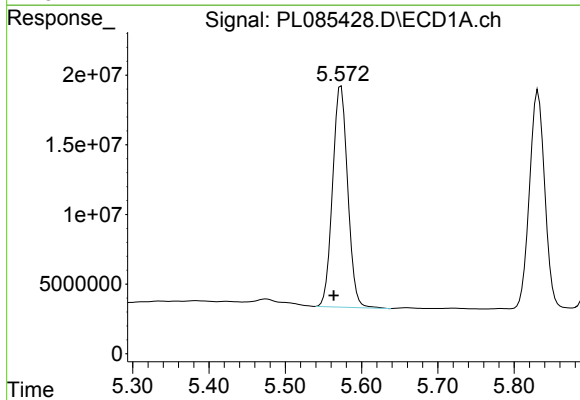
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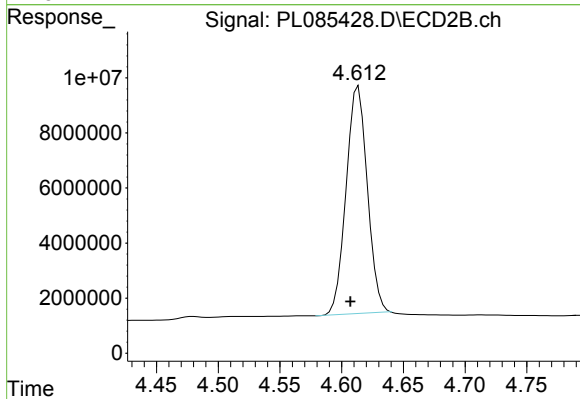
#7 delta-BHC

R.T.: 4.019 min
Delta R.T.: 0.006 min
Response: 113905729
Conc: 49.33 ng/ml



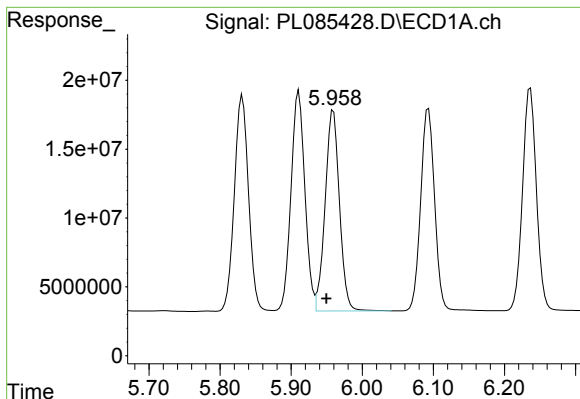
#8 Heptachlor epoxide

R.T.: 5.573 min
Delta R.T.: 0.009 min
Response: 218420117
Conc: 50.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.614 min
Delta R.T.: 0.007 min
Response: 98844697
Conc: 47.81 ng/ml



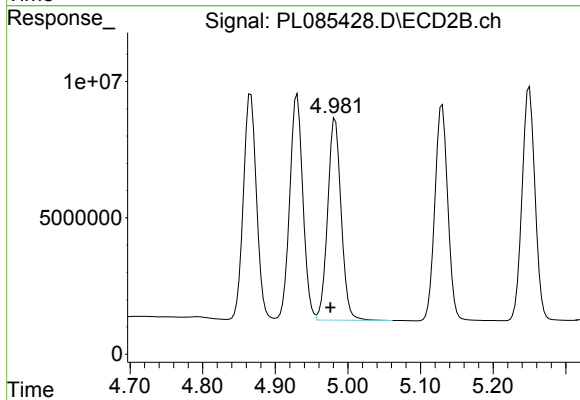
#9 Endosulfan I

R.T.: 5.959 min
Delta R.T.: 0.010 min
Response: 204480275
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

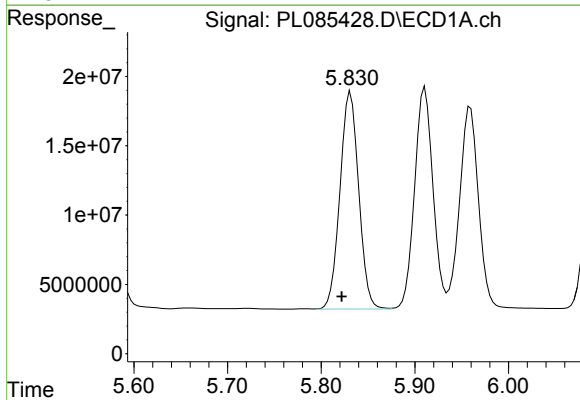
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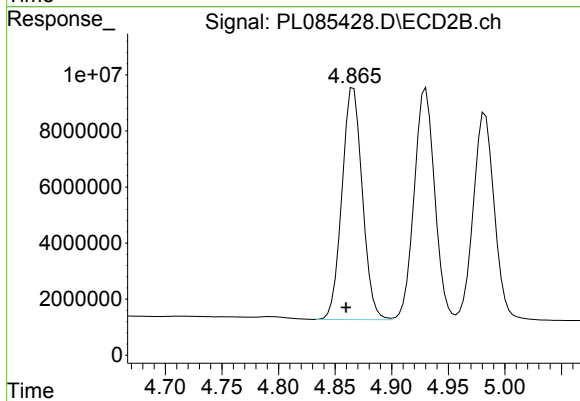
#9 Endosulfan I

R.T.: 4.983 min
Delta R.T.: 0.007 min
Response: 95969473
Conc: 47.13 ng/ml



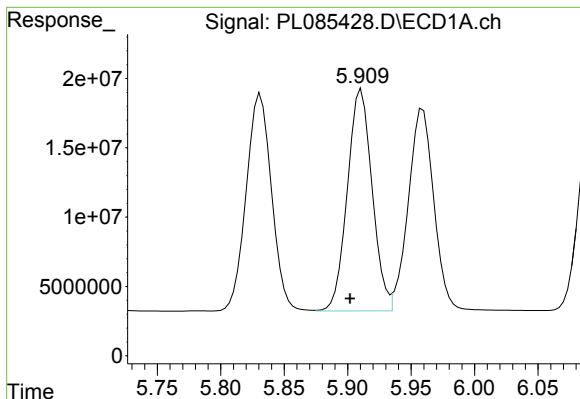
#10 gamma-Chlordane

R.T.: 5.831 min
Delta R.T.: 0.009 min
Response: 217856040
Conc: 49.67 ng/ml



#10 gamma-Chlordane

R.T.: 4.866 min
Delta R.T.: 0.007 min
Response: 103589607
Conc: 48.84 ng/ml



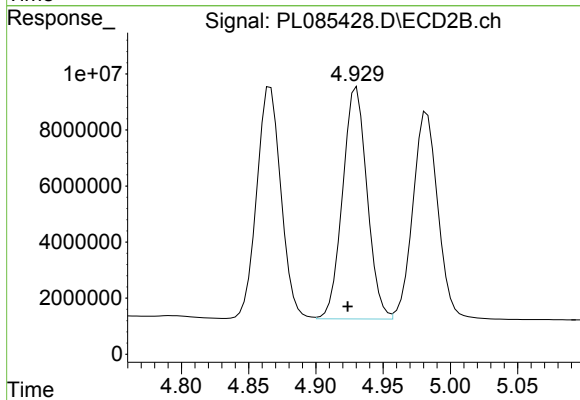
#11 alpha-Chlordane

R.T.: 5.911 min
Delta R.T.: 0.009 min
Response: 217076748
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

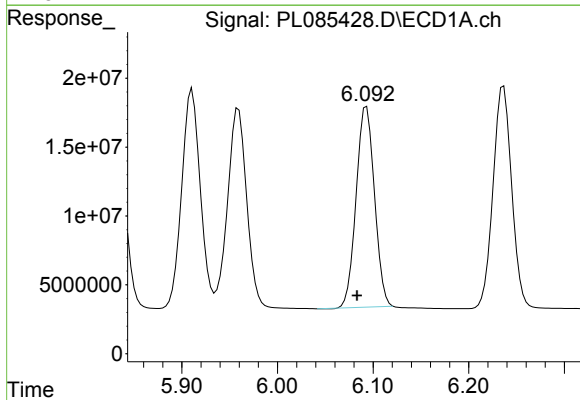
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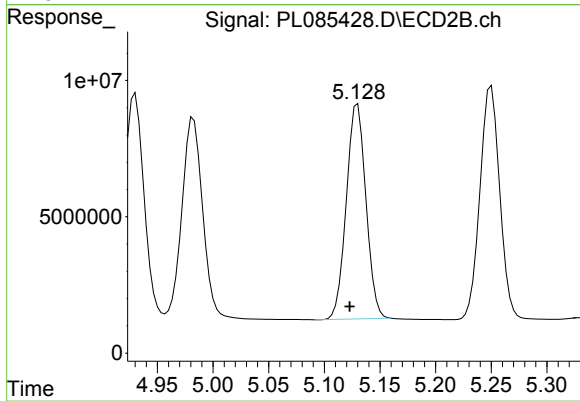
#11 alpha-Chlordane

R.T.: 4.930 min
Delta R.T.: 0.006 min
Response: 104376662
Conc: 47.95 ng/ml



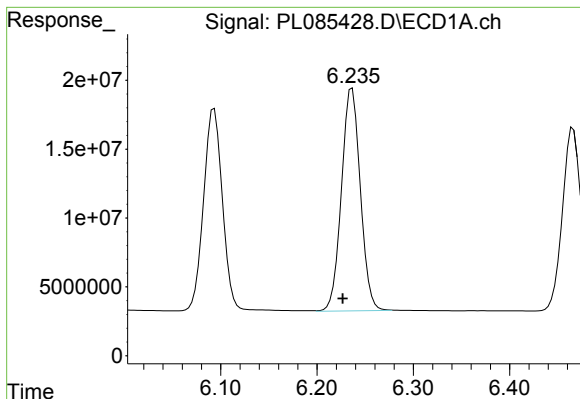
#12 4,4'-DDE

R.T.: 6.093 min
Delta R.T.: 0.010 min
Response: 193732566
Conc: 48.56 ng/ml



#12 4,4'-DDE

R.T.: 5.130 min
Delta R.T.: 0.007 min
Response: 96574144
Conc: 47.71 ng/ml



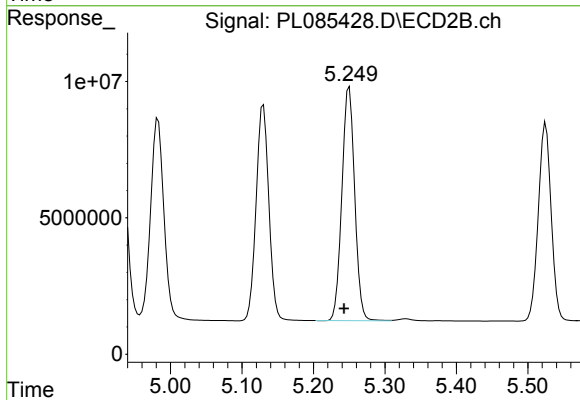
#13 Dieldrin

R.T.: 6.235 min
Delta R.T.: 0.008 min
Response: 219235076
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

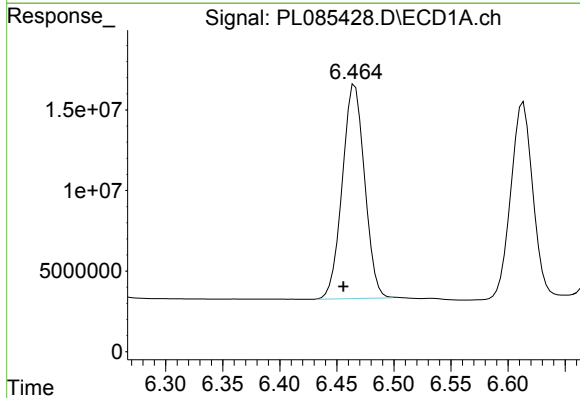
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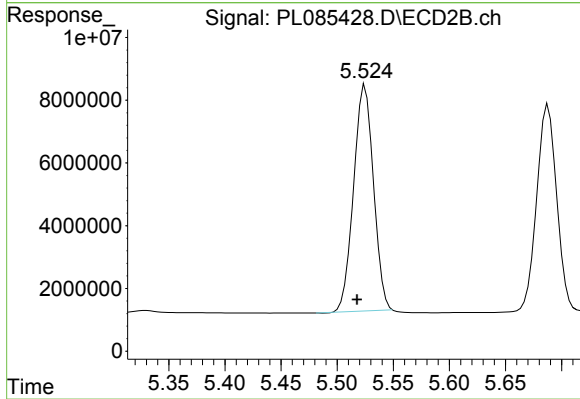
#13 Dieldrin

R.T.: 5.250 min
Delta R.T.: 0.007 min
Response: 106558825
Conc: 48.72 ng/ml



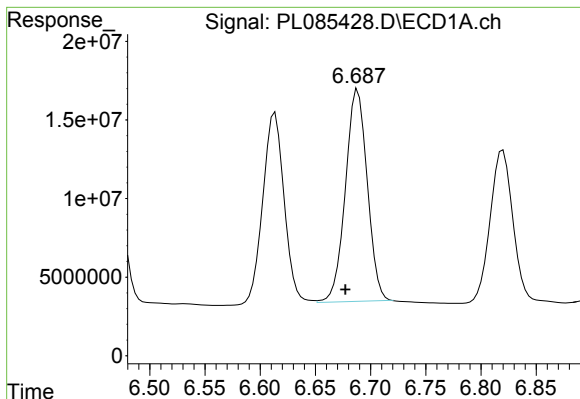
#14 Endrin

R.T.: 6.464 min
Delta R.T.: 0.009 min
Response: 180960520
Conc: 50.43 ng/ml m



#14 Endrin

R.T.: 5.525 min
Delta R.T.: 0.007 min
Response: 88773442
Conc: 47.39 ng/ml



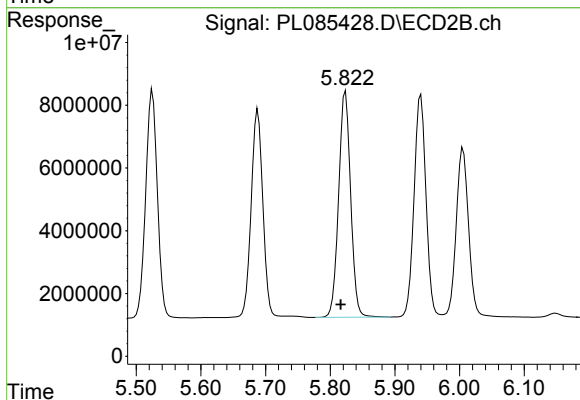
#15 Endosulfan II

R.T.: 6.688 min
Delta R.T.: 0.011 min
Response: 185995371
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

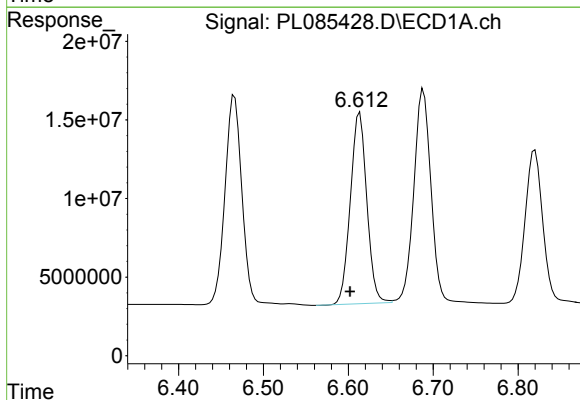
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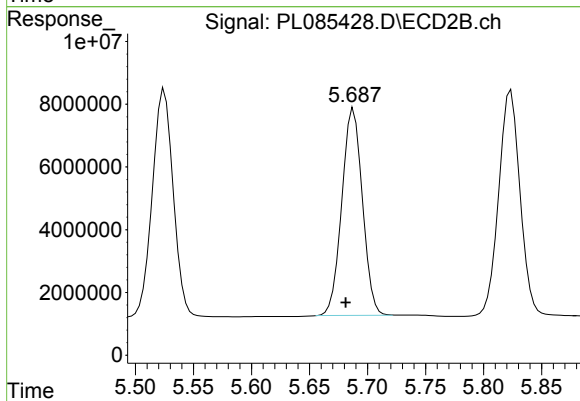
#15 Endosulfan II

R.T.: 5.824 min
Delta R.T.: 0.007 min
Response: 92827452
Conc: 47.34 ng/ml



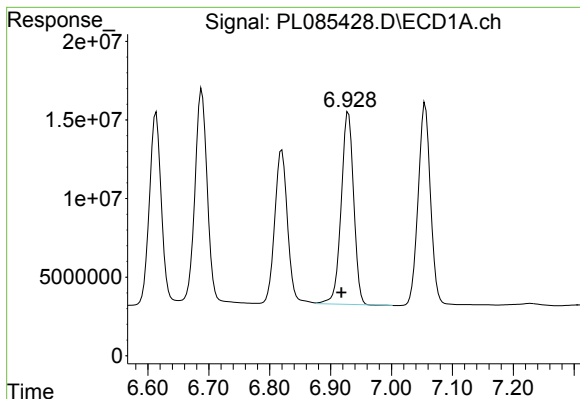
#16 4,4'-DDD

R.T.: 6.614 min
Delta R.T.: 0.011 min
Response: 163704613
Conc: 50.24 ng/ml



#16 4,4'-DDD

R.T.: 5.687 min
Delta R.T.: 0.005 min
Response: 81510528
Conc: 47.39 ng/ml m



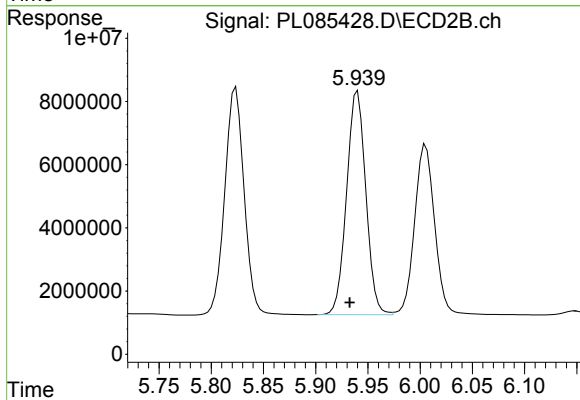
#17 4,4'-DDT

R.T.: 6.929 min
Delta R.T.: 0.012 min
Response: 174209345
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

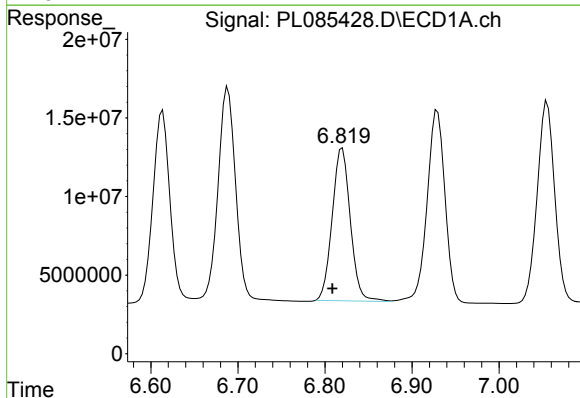
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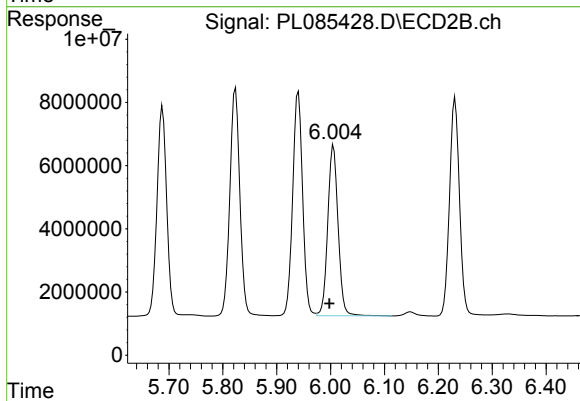
#17 4,4'-DDT

R.T.: 5.940 min
Delta R.T.: 0.008 min
Response: 90571626
Conc: 49.71 ng/ml



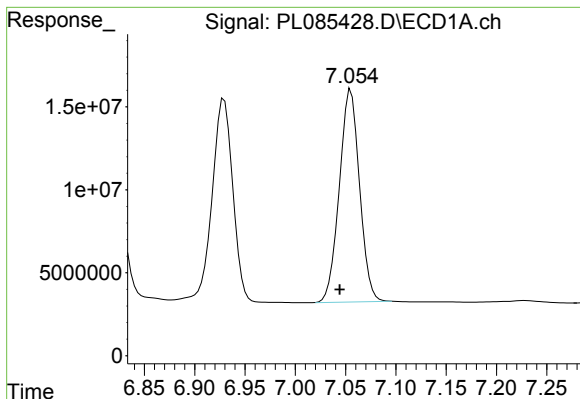
#18 Endrin aldehyde

R.T.: 6.820 min
Delta R.T.: 0.011 min
Response: 140763671
Conc: 48.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.005 min
Delta R.T.: 0.008 min
Response: 72159139
Conc: 45.54 ng/ml



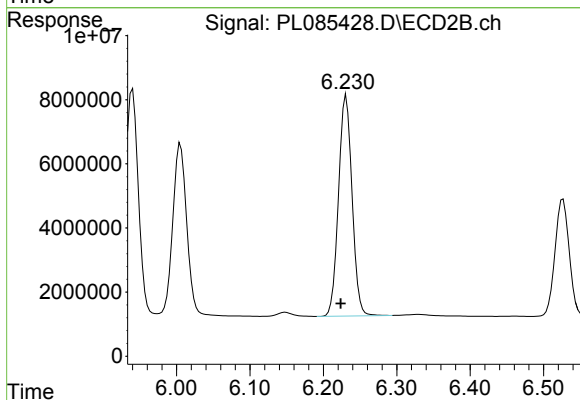
#19 Endosulfan Sulfate

R.T.: 7.054 min
Delta R.T.: 0.010 min
Response: 178882437
Conc: 48.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

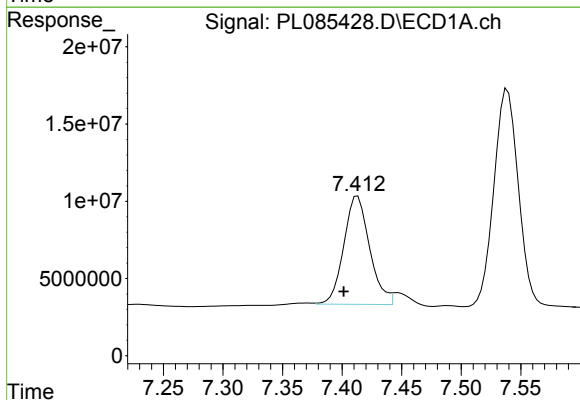
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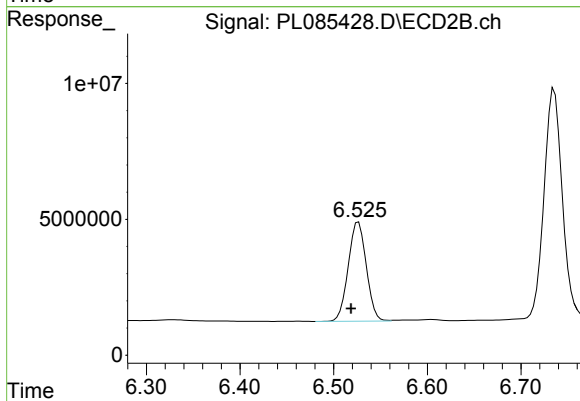
#19 Endosulfan Sulfate

R.T.: 6.231 min
Delta R.T.: 0.008 min
Response: 88281220
Conc: 46.94 ng/ml



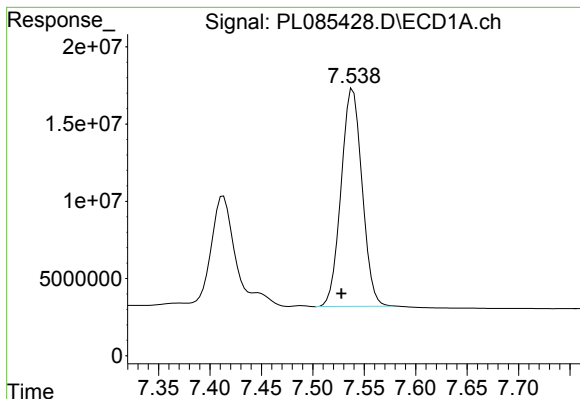
#20 Methoxychlor

R.T.: 7.412 min
Delta R.T.: 0.010 min
Response: 105890178
Conc: 48.32 ng/ml m



#20 Methoxychlor

R.T.: 6.527 min
Delta R.T.: 0.008 min
Response: 48988288
Conc: 46.18 ng/ml



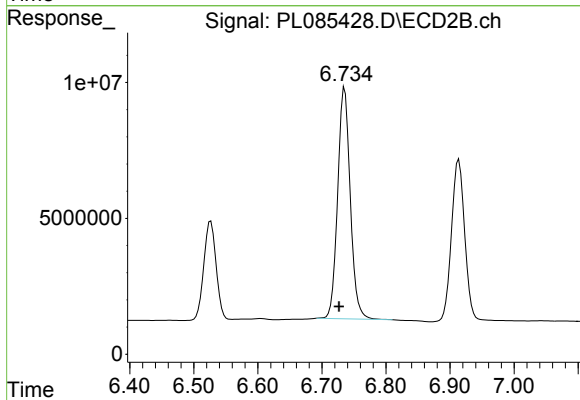
#21 Endrin ketone

R.T.: 7.538 min
Delta R.T.: 0.010 min
Response: 200322326
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

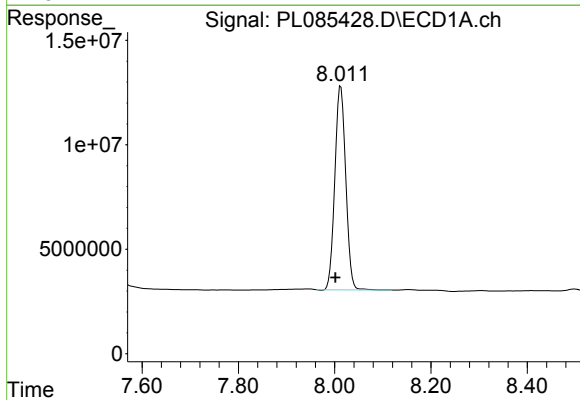
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Reviewed By :Abdul Mirza 09/21/2023
Supervised By :Ankita Jodhani 09/21/2023



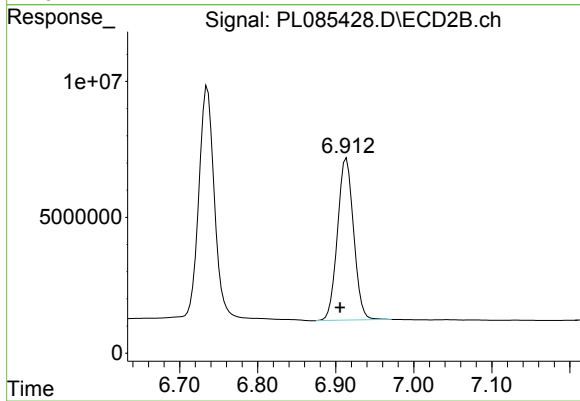
#21 Endrin ketone

R.T.: 6.736 min
Delta R.T.: 0.009 min
Response: 116273629
Conc: 46.57 ng/ml



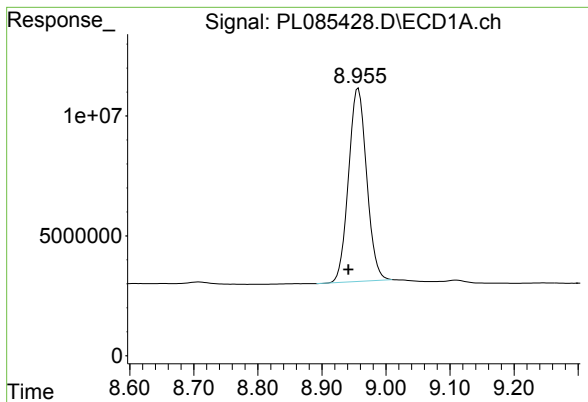
#22 Mirex

R.T.: 8.013 min
Delta R.T.: 0.011 min
Response: 153727146
Conc: 48.36 ng/ml



#22 Mirex

R.T.: 6.912 min
Delta R.T.: 0.007 min
Response: 85421565
Conc: 46.99 ng/ml m



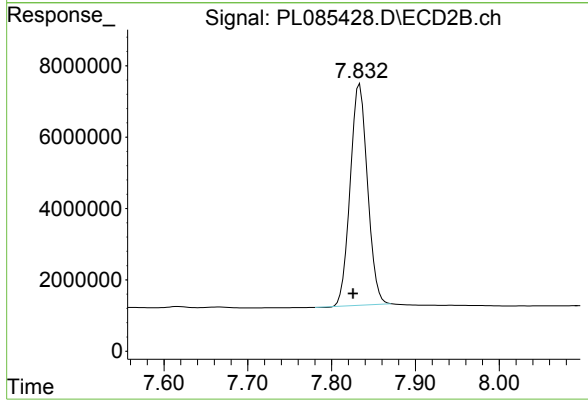
#28 Decachlorobiphenyl

R.T.: 8.957 min
Delta R.T.: 0.015 min
Response: 158126968
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/21/2023
Supervised By :Ankita Jodhani 09/21/2023



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: 0.008 min
Response: 89173335
Conc: 45.55 ng/ml