

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050323\
 Data File : PL082452.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2023 12:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/04/2023
 Supervised By :Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 12:39:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.323	2.646	137.2E6	114.8E6	51.373	49.545
28)	SA Decachlor...	8.744	7.757	96950386	105.6E6	50.784	46.280
Target Compounds							
2)	A alpha-BHC	3.772	3.144	211.6E6	169.4E6	53.160	49.776
3)	MA gamma-BHC...	4.100	3.471	191.0E6	158.5E6	51.087	49.285
4)	MA Heptachlor	4.679	3.802	184.9E6	162.5E6	50.609	47.482
5)	MB Aldrin	5.015	4.079	169.4E6	155.6E6	51.371	49.404
6)	B beta-BHC	4.303	3.771	84461509	68090432	49.523	49.905
7)	B delta-BHC	4.545	3.996	186.5E6	153.5E6	51.846	50.036
8)	B Heptachlo...	5.442	4.581	153.8E6	138.3E6	50.433	48.005
9)	A Endosulfan I	5.822	4.948	141.4E6	128.9E6	50.994	48.286
10)	B gamma-Chl...	5.697	4.830	156.9E6	140.3E6	52.193	48.339
11)	B alpha-Chl...	5.774	4.892	151.5E6	139.1E6	50.763	47.919
12)	B 4,4'-DDE	5.953	5.083	133.3E6	118.9E6	52.457	51.727
13)	MA Dieldrin	6.097	5.212	141.0E6	129.4E6	51.108	47.934
14)	MA Endrin	6.324	5.486	116.4E6	110.8E6	48.005	45.285
15)	B Endosulfa...	6.547	5.782	114.1E6	109.0E6	46.851	48.363m
16)	A 4,4'-DDD	6.469	5.638	108.4E6	99528775	53.467	53.213
17)	MA 4,4'-DDT	6.780	5.886	109.8E6	99234512	48.012	46.973
18)	B Endrin al...	6.677	5.963	93211977	87614981	49.471	46.818
19)	B Endosulfa...	6.911	6.186	118.5E6	111.4E6	49.965	47.299
20)	A Methoxychlor	7.261	6.465	56684515	55063935	46.450	45.438
21)	B Endrin ke...	7.391	6.689	124.0E6	125.2E6	51.807	49.321m
22)	Mirex	7.855	6.861	94456303	104.5E6	48.283	45.340m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050323\
Data File : PL082452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 May 2023 12:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

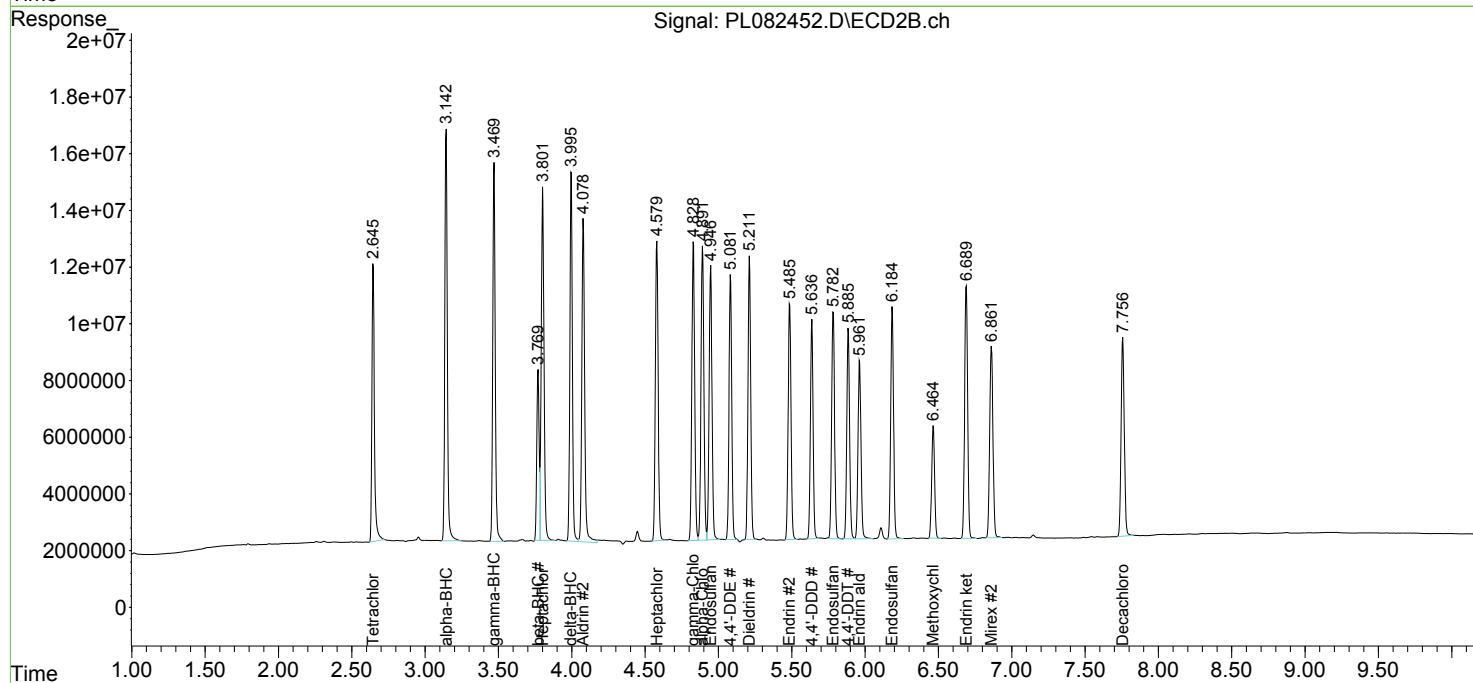
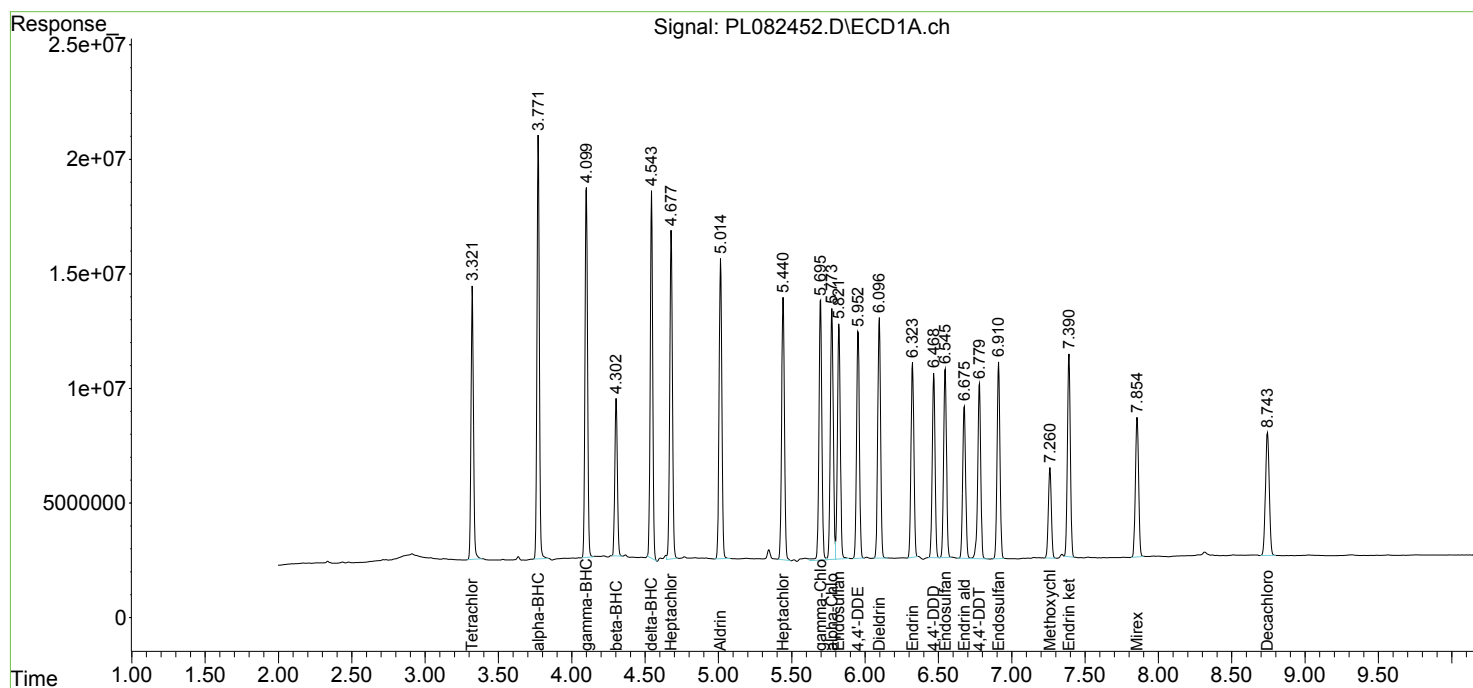
APPROVED

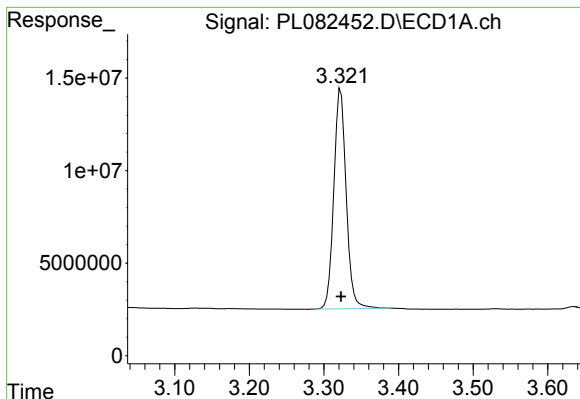
Reviewed By :Abdul Mirza 05/04/2023

Supervised By :Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 12:39:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





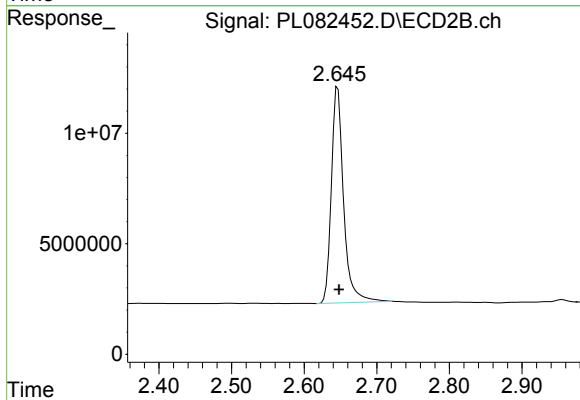
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 137227913
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

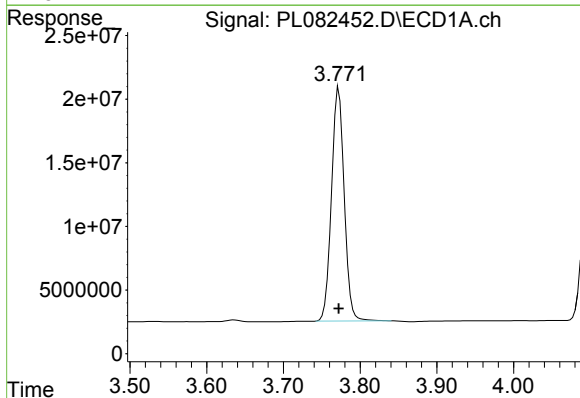
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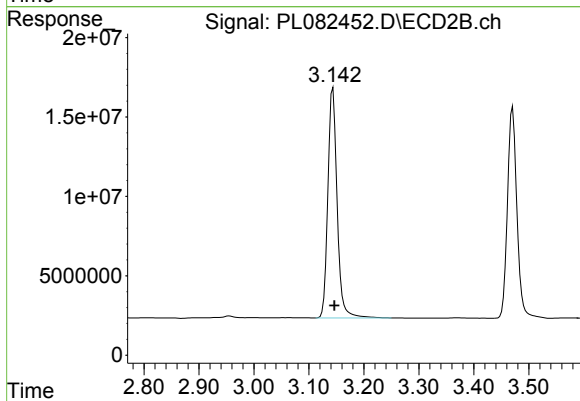
#1 Tetrachloro-m-xylene

R.T.: 2.646 min
Delta R.T.: -0.002 min
Response: 114781849
Conc: 49.54 ng/ml



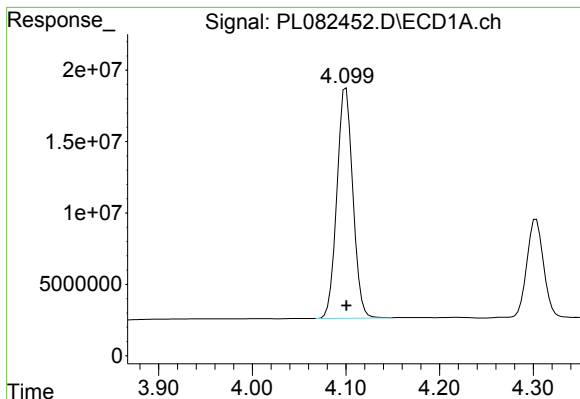
#2 alpha-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 211588730
Conc: 53.16 ng/ml



#2 alpha-BHC

R.T.: 3.144 min
Delta R.T.: -0.003 min
Response: 169410664
Conc: 49.78 ng/ml



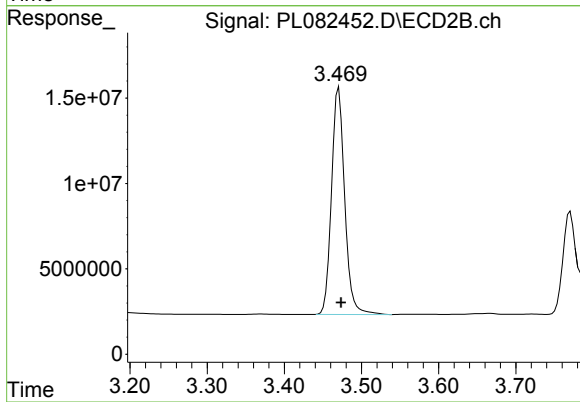
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 191011198
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

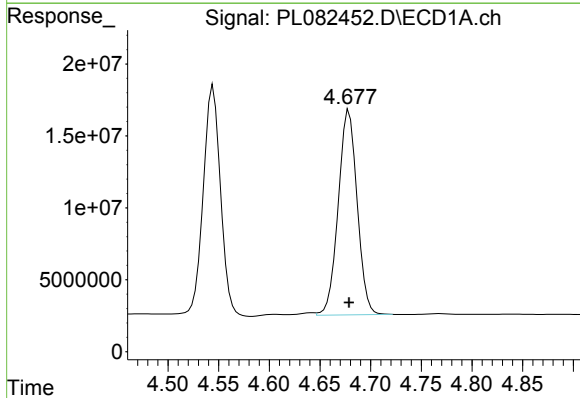
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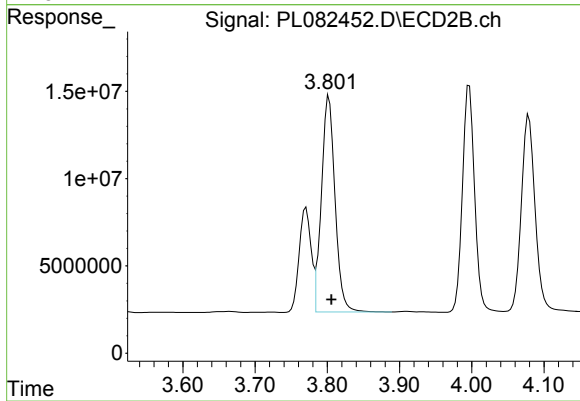
#3 gamma-BHC (Lindane)

R.T.: 3.471 min
Delta R.T.: -0.003 min
Response: 158465026
Conc: 49.28 ng/ml



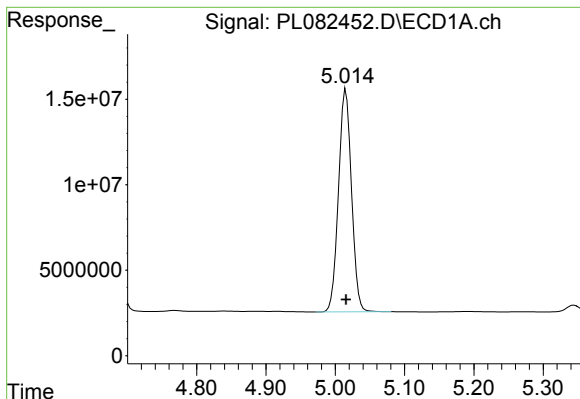
#4 Heptachlor

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 184921102
Conc: 50.61 ng/ml



#4 Heptachlor

R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 162541126
Conc: 47.48 ng/ml



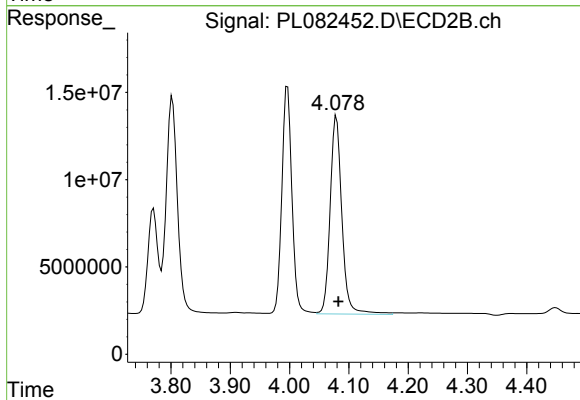
#5 Aldrin

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 169399968
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

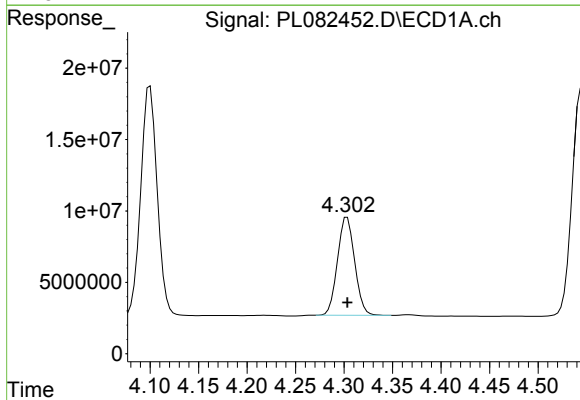
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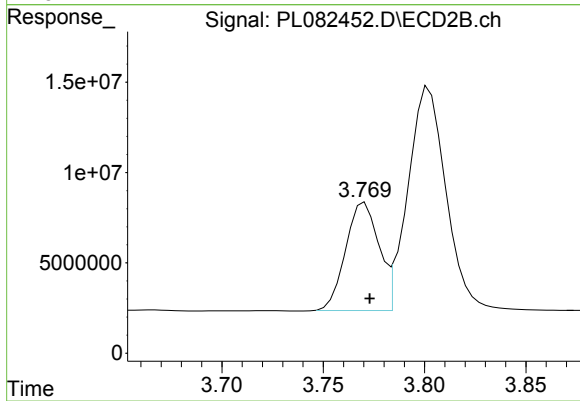
#5 Aldrin

R.T.: 4.079 min
Delta R.T.: -0.003 min
Response: 155617073
Conc: 49.40 ng/ml



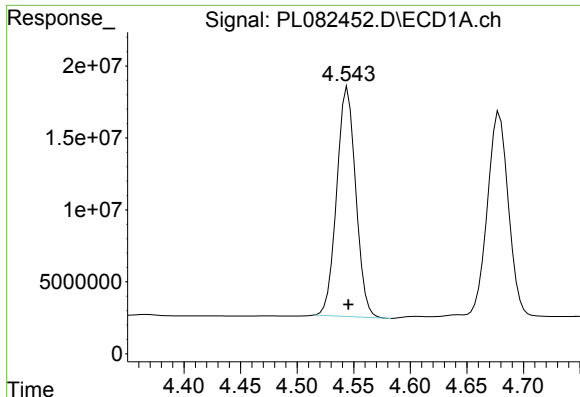
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 84461509
Conc: 49.52 ng/ml



#6 beta-BHC

R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 68090432
Conc: 49.90 ng/ml



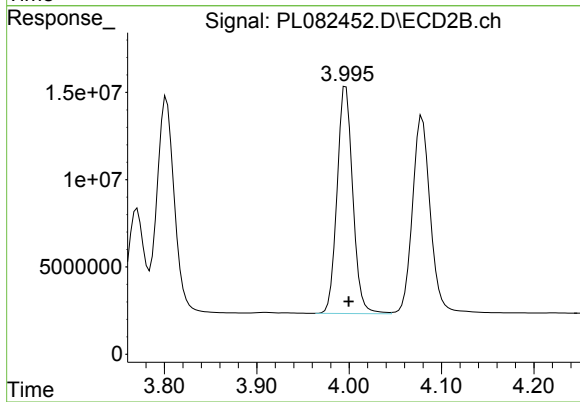
#7 delta-BHC

R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 186528633
Conc: 51.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

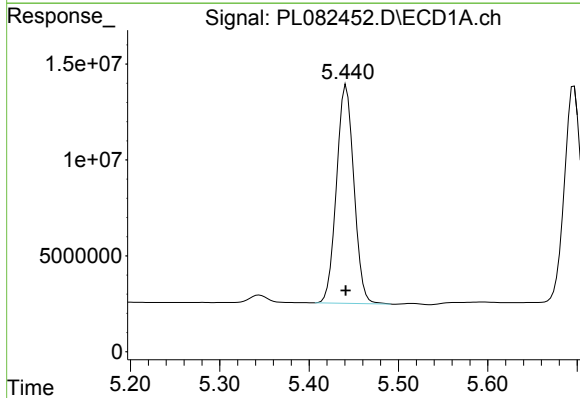
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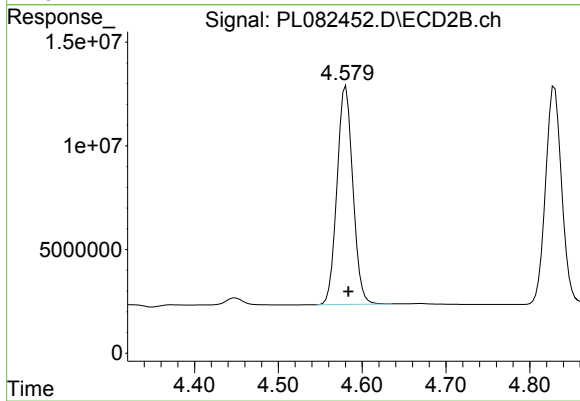
#7 delta-BHC

R.T.: 3.996 min
Delta R.T.: -0.003 min
Response: 153480453
Conc: 50.04 ng/ml



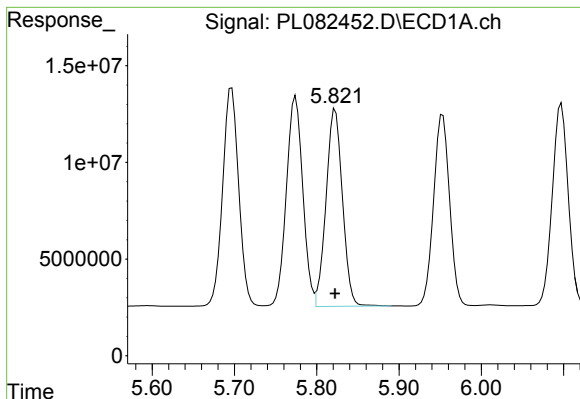
#8 Heptachlor epoxide

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 153837943
Conc: 50.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.581 min
Delta R.T.: -0.003 min
Response: 138297259
Conc: 48.01 ng/ml



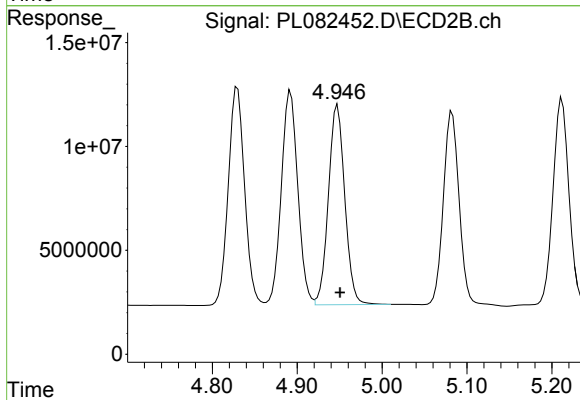
#9 Endosulfan I

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 141391833
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

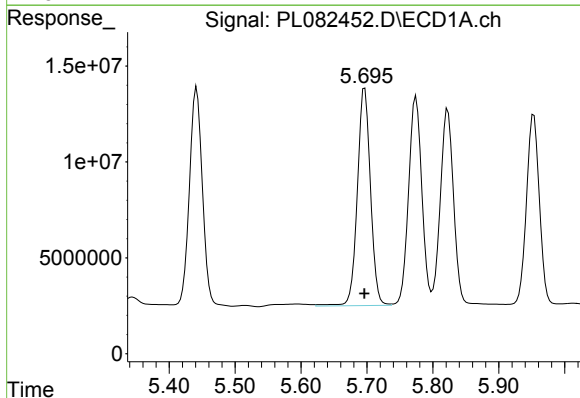
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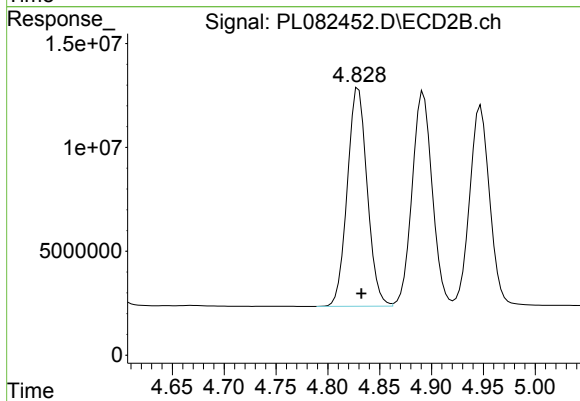
#9 Endosulfan I

R.T.: 4.948 min
Delta R.T.: -0.003 min
Response: 128895843
Conc: 48.29 ng/ml



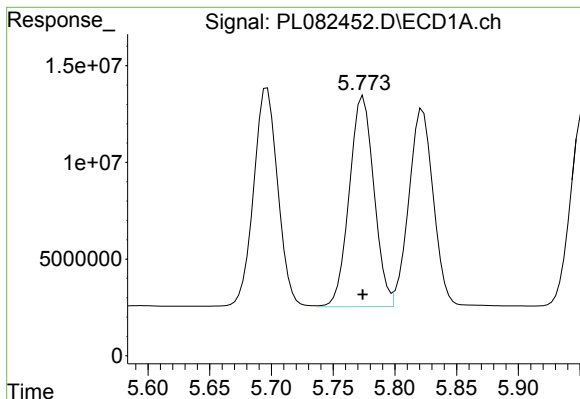
#10 gamma-Chlordane

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 156937804
Conc: 52.19 ng/ml



#10 gamma-Chlordane

R.T.: 4.830 min
Delta R.T.: -0.003 min
Response: 140274008
Conc: 48.34 ng/ml



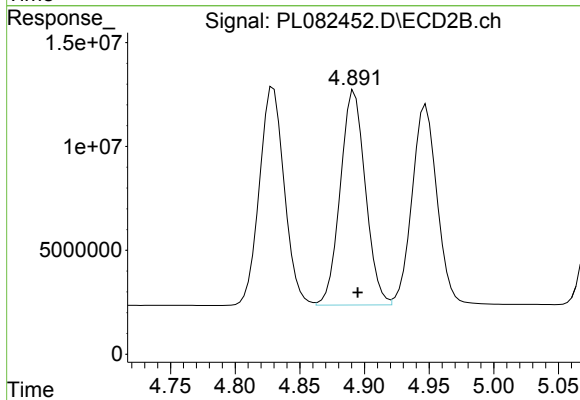
#11 alpha-Chlordane

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 151509004
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

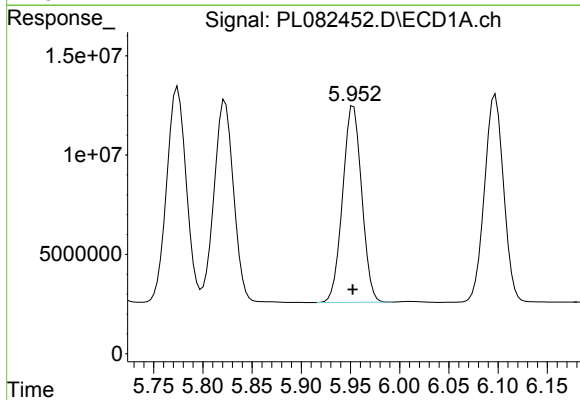
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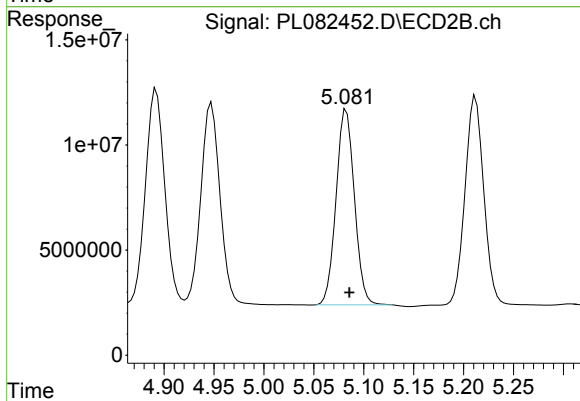
#11 alpha-Chlordane

R.T.: 4.892 min
Delta R.T.: -0.003 min
Response: 139101187
Conc: 47.92 ng/ml



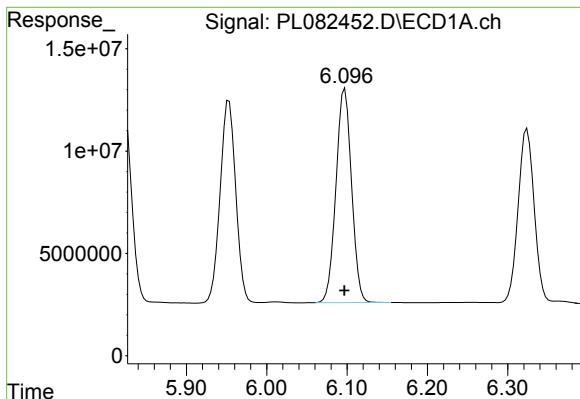
#12 4,4'-DDE

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 133348528
Conc: 52.46 ng/ml



#12 4,4'-DDE

R.T.: 5.083 min
Delta R.T.: -0.003 min
Response: 118918902
Conc: 51.73 ng/ml



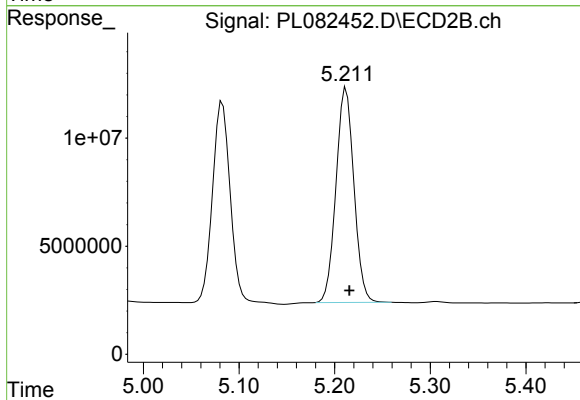
#13 Dieldrin

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 141013234
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

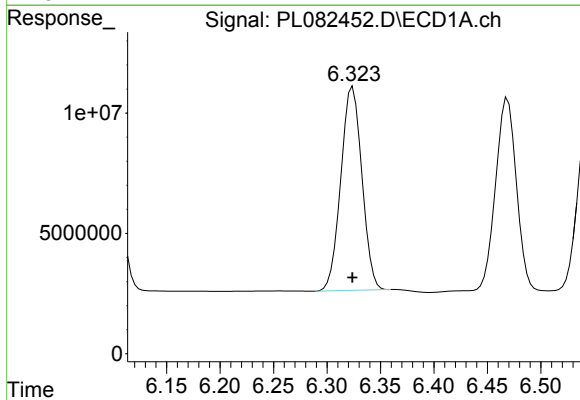
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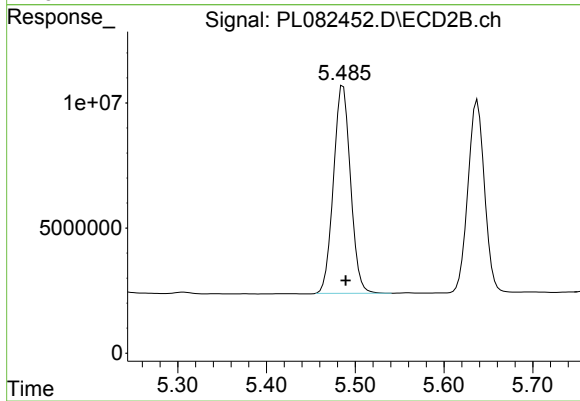
#13 Dieldrin

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 129441021
Conc: 47.93 ng/ml



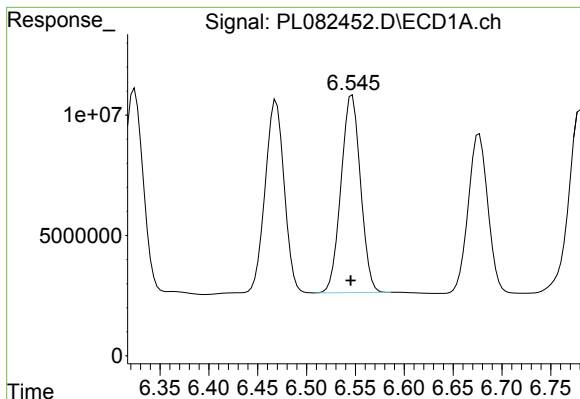
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 116390506
Conc: 48.00 ng/ml



#14 Endrin

R.T.: 5.486 min
Delta R.T.: -0.003 min
Response: 110764411
Conc: 45.28 ng/ml



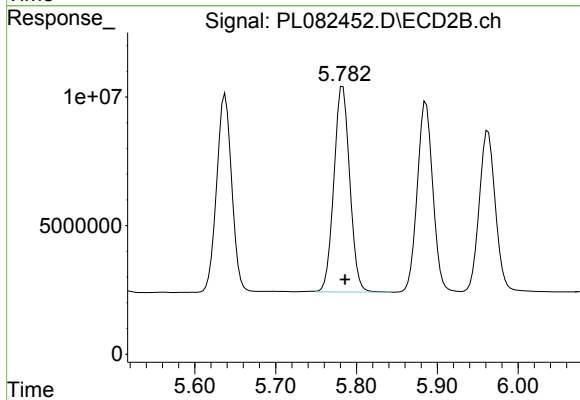
#15 Endosulfan II

R.T.: 6.547 min
Delta R.T.: 0.001 min
Response: 114061770
Conc: 46.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

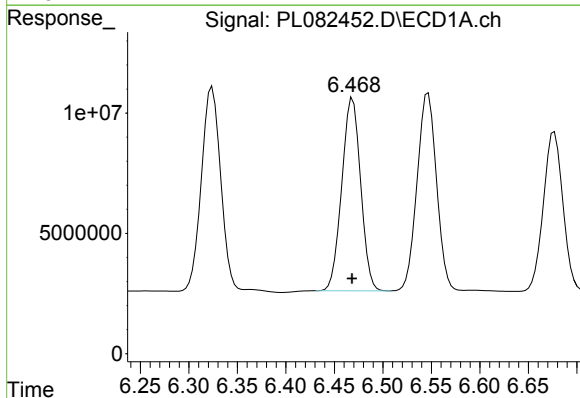
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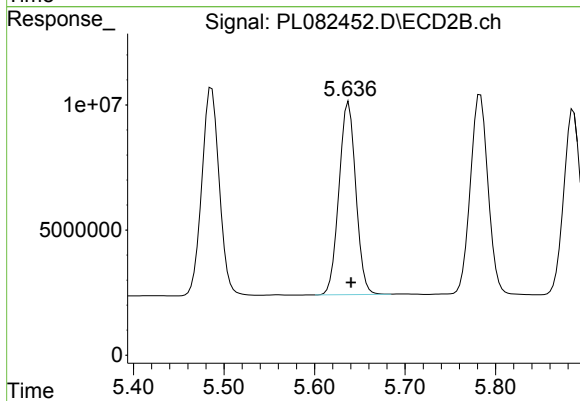
#15 Endosulfan II

R.T.: 5.782 min
Delta R.T.: -0.004 min
Response: 109015377
Conc: 48.36 ng/ml m



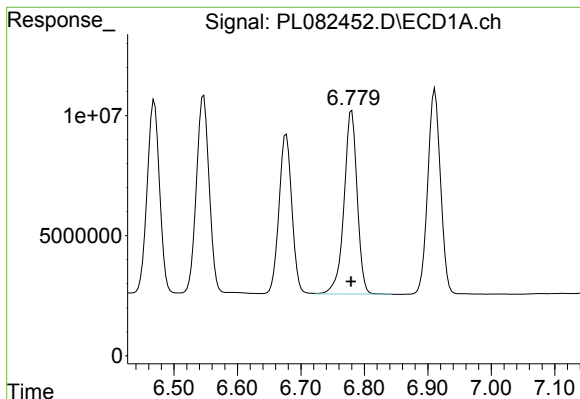
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 108387724
Conc: 53.47 ng/ml



#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 99528775
Conc: 53.21 ng/ml



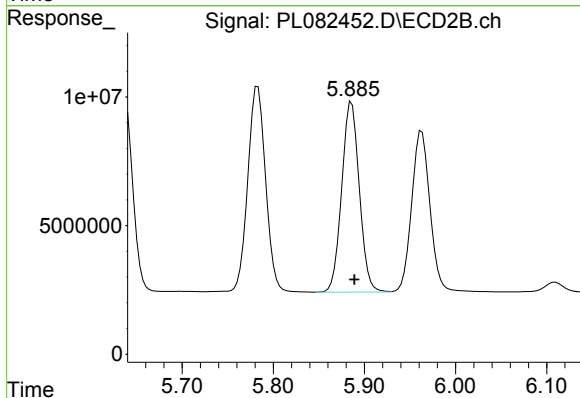
#17 4,4'-DDT

R.T.: 6.780 min
Delta R.T.: 0.001 min
Response: 109837674
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

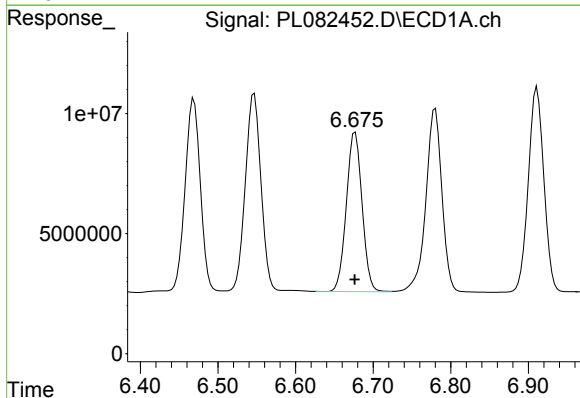
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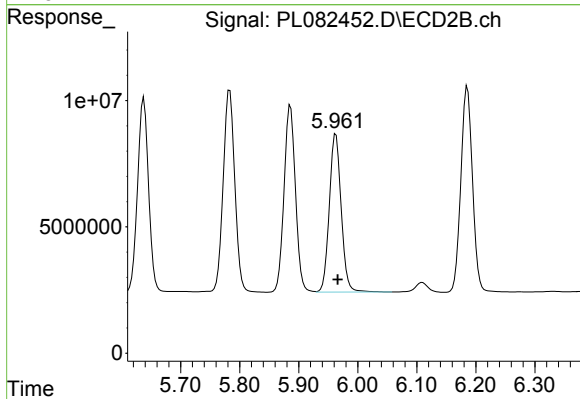
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 99234512
Conc: 46.97 ng/ml



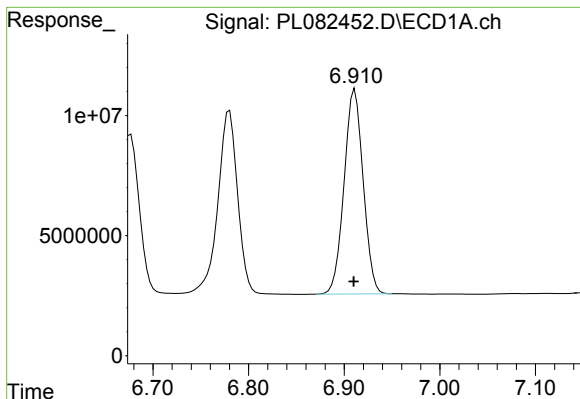
#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 93211977
Conc: 49.47 ng/ml



#18 Endrin aldehyde

R.T.: 5.963 min
Delta R.T.: -0.003 min
Response: 87614981
Conc: 46.82 ng/ml



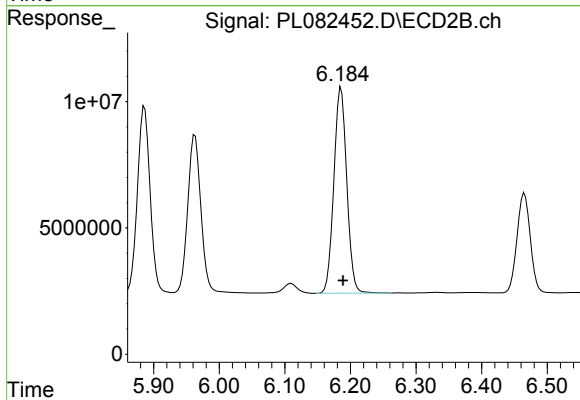
#19 Endosulfan Sulfate

R.T.: 6.911 min
Delta R.T.: 0.001 min
Response: 118494630
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

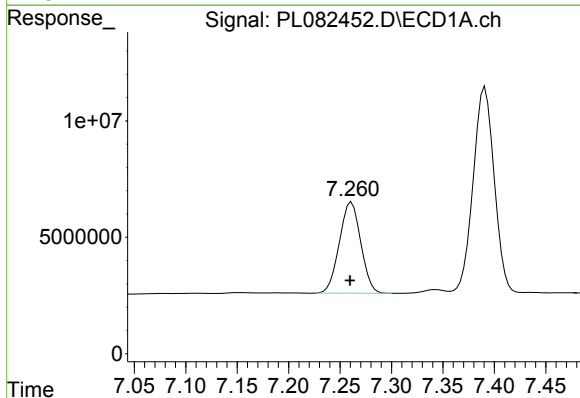
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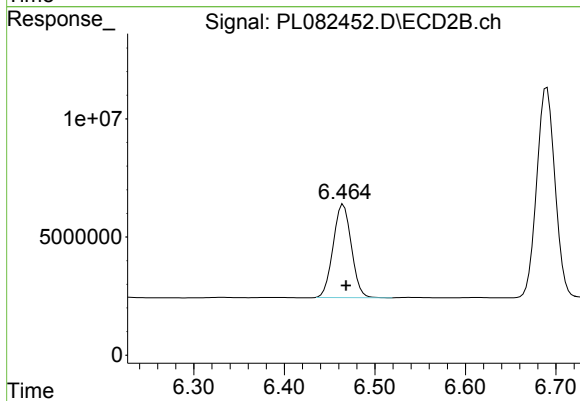
#19 Endosulfan Sulfate

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 111356041
Conc: 47.30 ng/ml



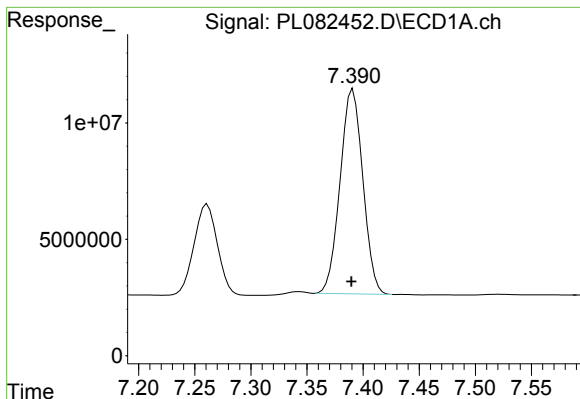
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.002 min
Response: 56684515
Conc: 46.45 ng/ml



#20 Methoxychlor

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 55063935
Conc: 45.44 ng/ml



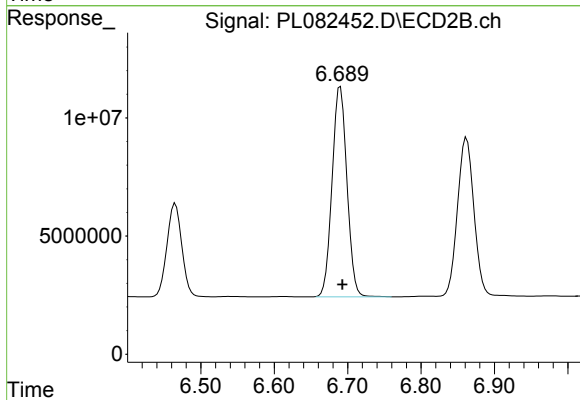
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: 0.001 min
Response: 124046381
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

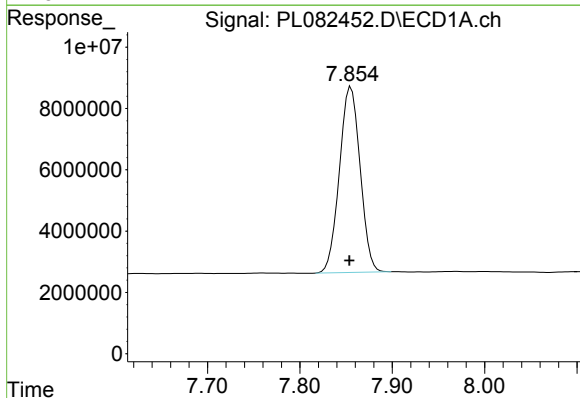
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



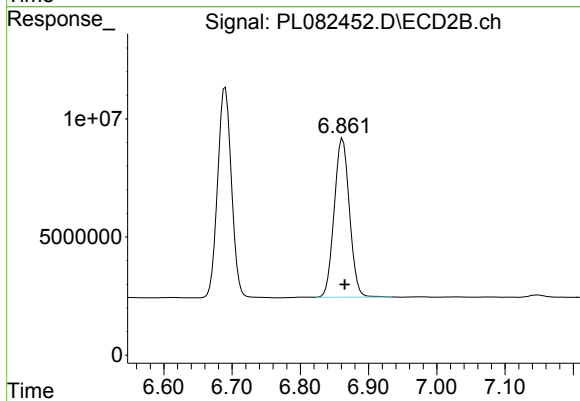
#21 Endrin ketone

R.T.: 6.689 min
Delta R.T.: -0.004 min
Response: 125186630
Conc: 49.32 ng/ml m



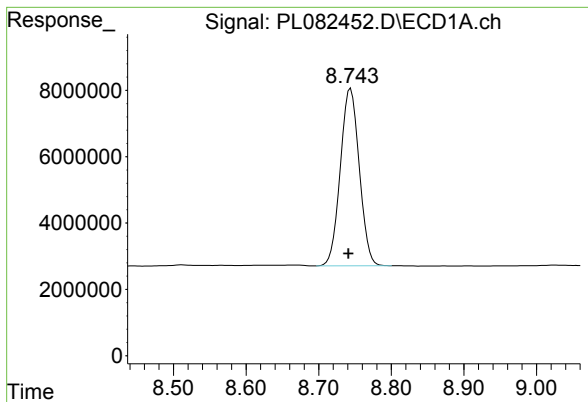
#22 Mirex

R.T.: 7.855 min
Delta R.T.: 0.002 min
Response: 94456303
Conc: 48.28 ng/ml



#22 Mirex

R.T.: 6.861 min
Delta R.T.: -0.004 min
Response: 104475996
Conc: 45.34 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.744 min
Delta R.T.: 0.003 min
Response: 96950386
Conc: 50.78 ng/ml

Instrument :

ECD_L

ClientSampleId :

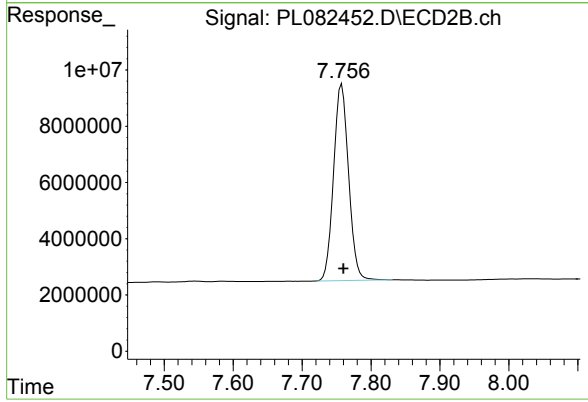
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.757 min
Delta R.T.: -0.002 min
Response: 105634491
Conc: 46.28 ng/ml