

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060123\
 Data File : PL083166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jun 2023 19:52
 Operator : AR\AJ
 Sample : PB153156BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB153156BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/02/2023
 Supervised By : Ankita Jodhani 06/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 21:22:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.315	2.635	52409022	48399849	17.832	18.643
28)	SA Decachlor...	8.730	7.736	44049163	51253673	21.003	20.612
Target Compounds							
2)	A alpha-BHC	3.764	3.131	215.6E6	183.3E6	48.570	49.123
3)	MA gamma-BHC...	4.092	3.457	198.4E6	169.2E6	47.899	50.747
4)	MA Heptachlor	4.669	3.787	185.1E6	171.8E6	48.430	46.931
5)	MB Aldrin	5.005	4.063	179.7E6	162.0E6	51.072	49.776
6)	B beta-BHC	4.296	3.757	89515785	70778881	47.546	49.493
7)	B delta-BHC	4.537	3.982	196.4E6	165.1E6	57.110	50.386
8)	B Heptachlo...	5.432	4.564	162.8E6	149.1E6	50.882	50.254
9)	A Endosulfan I	5.812	4.930	150.8E6	140.3E6	50.267	50.207
10)	B gamma-Chl...	5.686	4.812	166.9E6	151.3E6	52.524	50.361
11)	B alpha-Chl...	5.764	4.875	162.1E6	151.0E6	50.496	50.300
12)	B 4,4'-DDE	5.943	5.064	144.5E6	130.5E6	52.417	53.739m
13)	MA Dieldrin	6.086	5.193	151.3E6	142.8E6	50.318	50.575m
14)	MA Endrin	6.313	5.468	119.4E6	116.3E6	44.432	45.838
15)	B Endosulfa...	6.536	5.765	120.9E6	120.3E6	45.329	48.638
16)	A 4,4'-DDD	6.459	5.619	122.3E6	114.2E6	56.286	59.354
17)	MA 4,4'-DDT	6.769	5.868	109.0E6	98019900	43.528	43.935
18)	B Endrin al...	6.667	5.944	98399325	98361114	48.939	49.741
19)	B Endosulfa...	6.900	6.167	129.4E6	122.9E6	50.455	50.191
20)	A Methoxychlor	7.250	6.447	57750425	55258898	43.672	43.451
21)	B Endrin ke...	7.379	6.671	137.8E6	141.2E6	54.008	52.214
22)	Mirex	7.843	6.842	108.5E6	120.0E6	51.782	51.298

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060123\
Data File : PL083166.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jun 2023 19:52
Operator : AR\AJ
Sample : PB153156BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

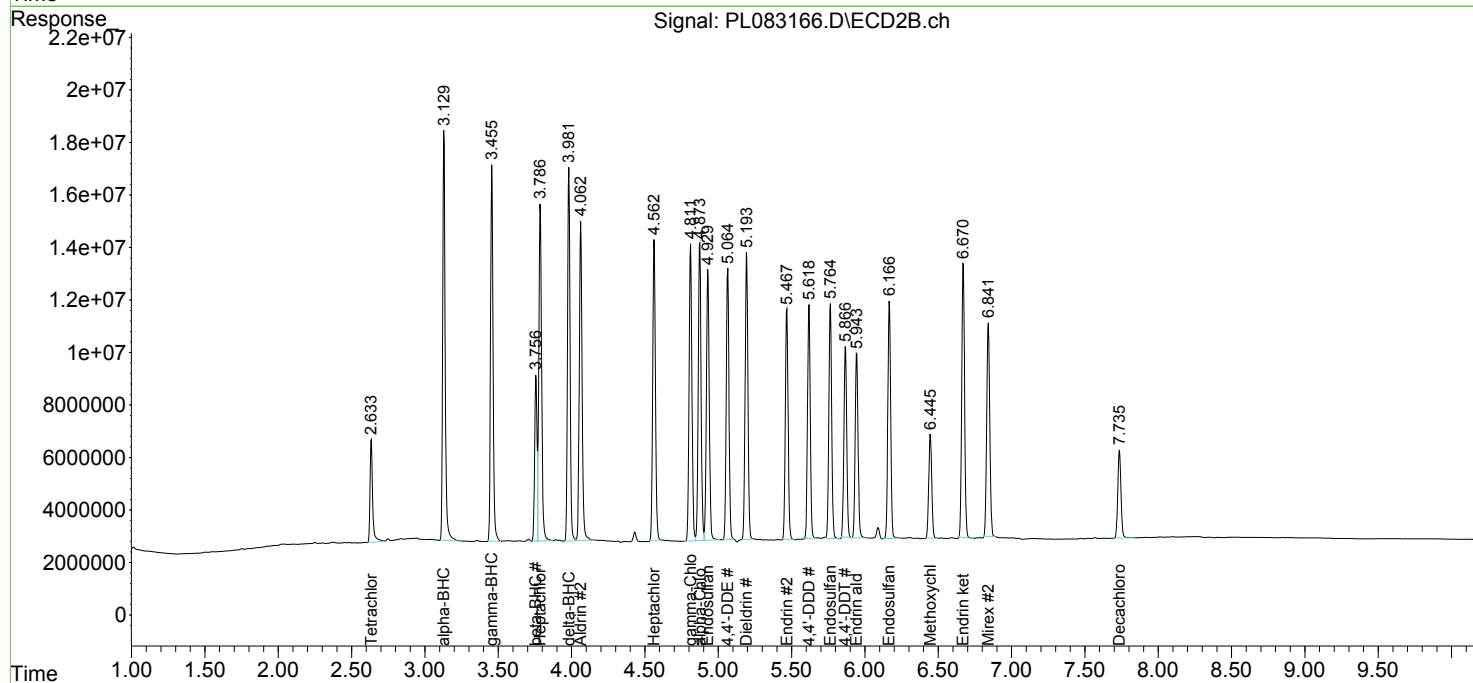
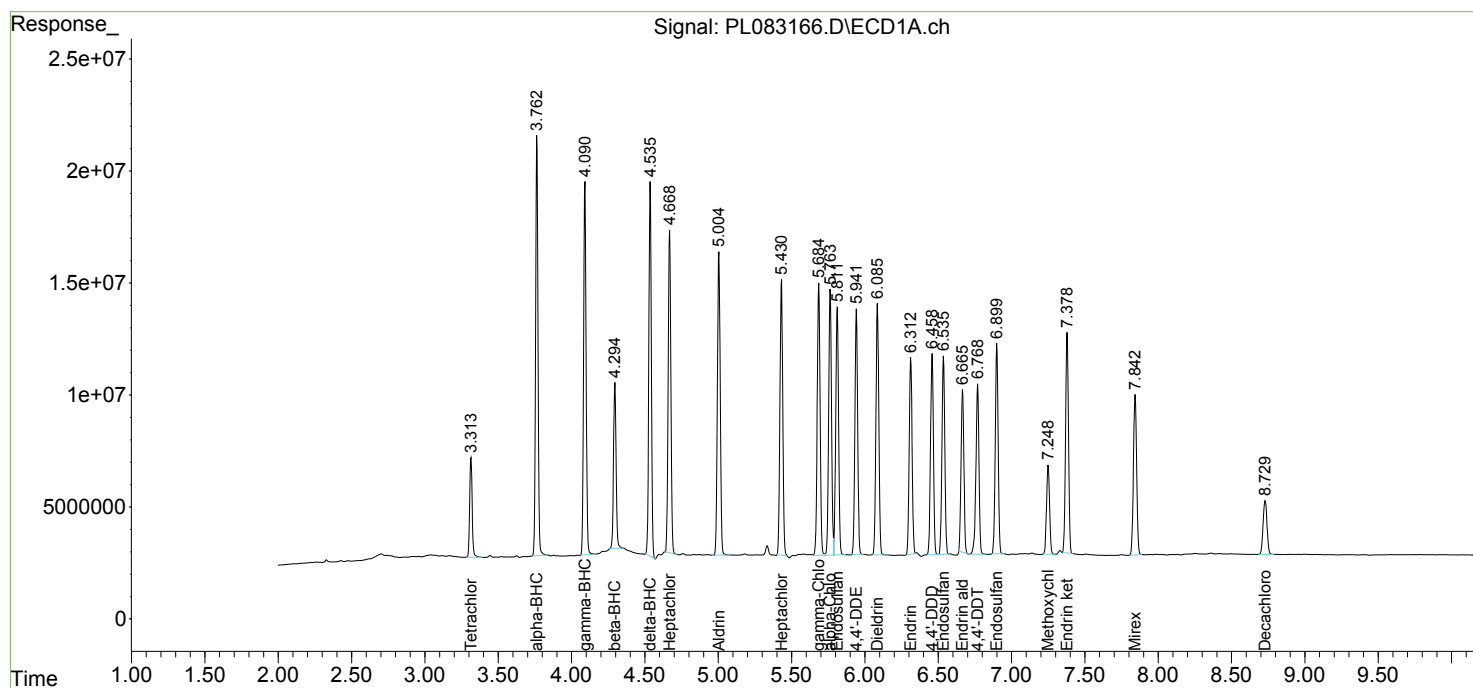
Instrument :
ECD_L
ClientSampleId :
PB153156BSD

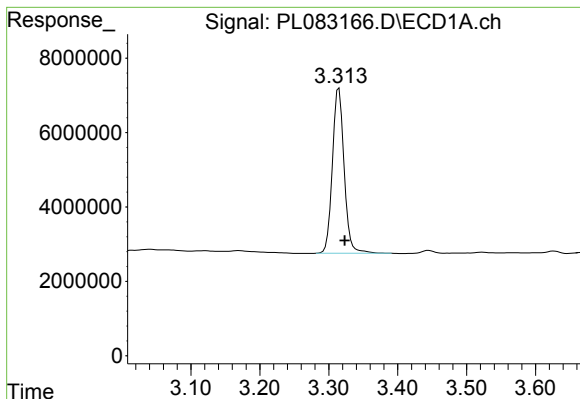
Manual Integrations
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Reviewed By :Abdul Mirza 06/02/2023
Supervised By :Ankita Jodhani 06/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 21:22:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





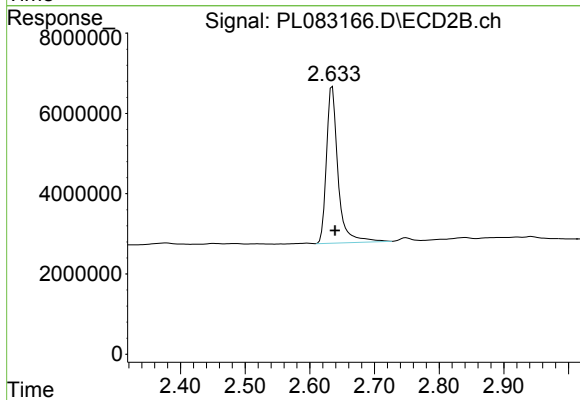
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 52409022
Conc: 17.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153156BSD

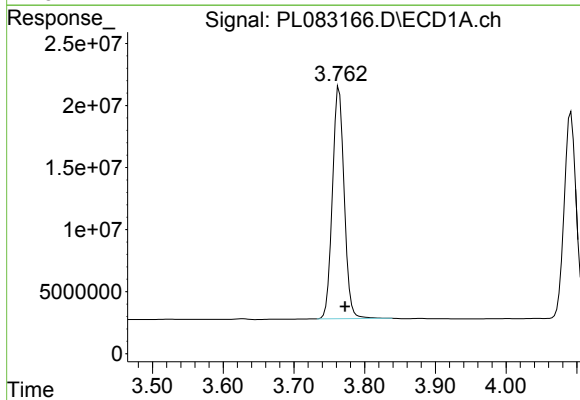
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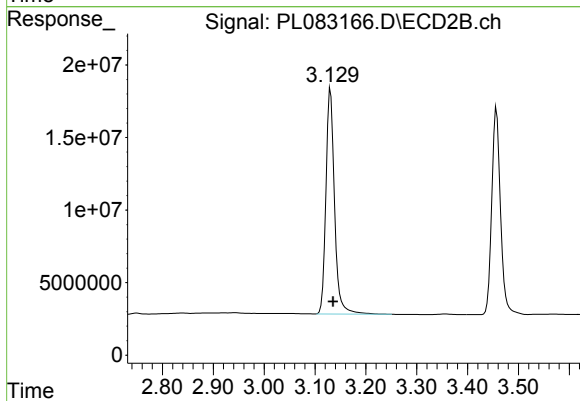
#1 Tetrachloro-m-xylene

R.T.: 2.635 min
Delta R.T.: -0.004 min
Response: 48399849
Conc: 18.64 ng/ml



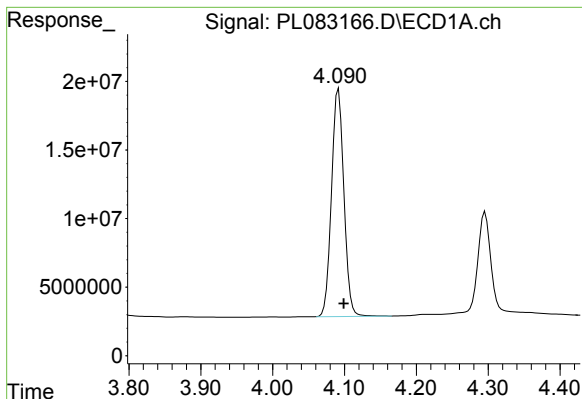
#2 alpha-BHC

R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 215613393
Conc: 48.57 ng/ml



#2 alpha-BHC

R.T.: 3.131 min
Delta R.T.: -0.005 min
Response: 183299100
Conc: 49.12 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.092 min
Delta R.T.: -0.007 min
Response: 198440648
Conc: 47.90 ng/ml

Instrument :

ECD_L

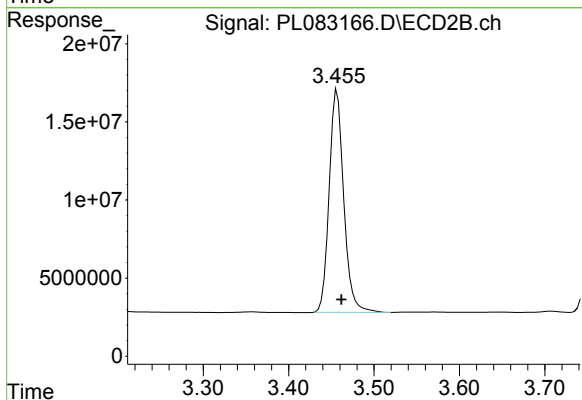
ClientSampleId :

PB153156BSD

Manual Integrations

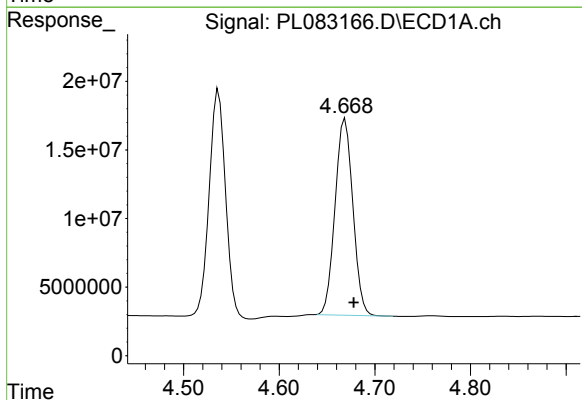
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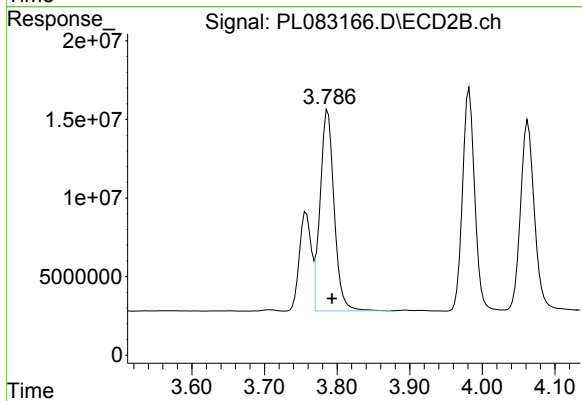
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: -0.005 min
Response: 169155897
Conc: 50.75 ng/ml



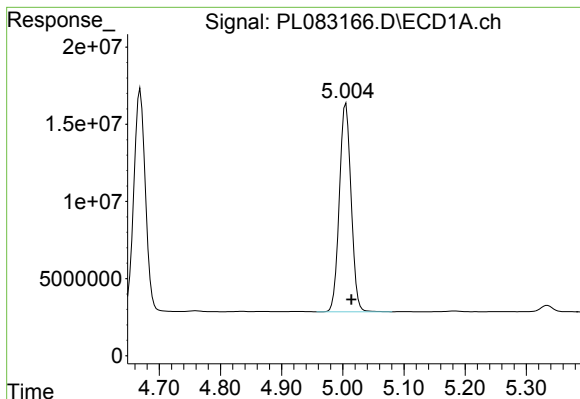
#4 Heptachlor

R.T.: 4.669 min
Delta R.T.: -0.009 min
Response: 185122726
Conc: 48.43 ng/ml



#4 Heptachlor

R.T.: 3.787 min
Delta R.T.: -0.006 min
Response: 171819992
Conc: 46.93 ng/ml



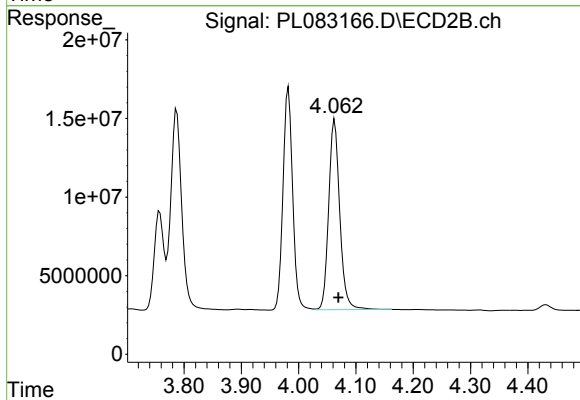
#5 Aldrin

R.T.: 5.005 min
Delta R.T.: -0.009 min
Response: 179678123
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153156BSD

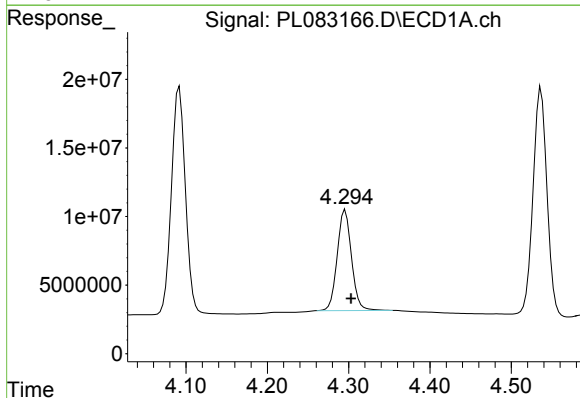
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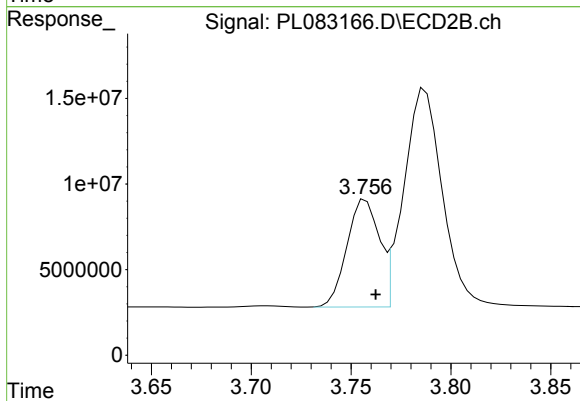
#5 Aldrin

R.T.: 4.063 min
Delta R.T.: -0.007 min
Response: 161950766
Conc: 49.78 ng/ml



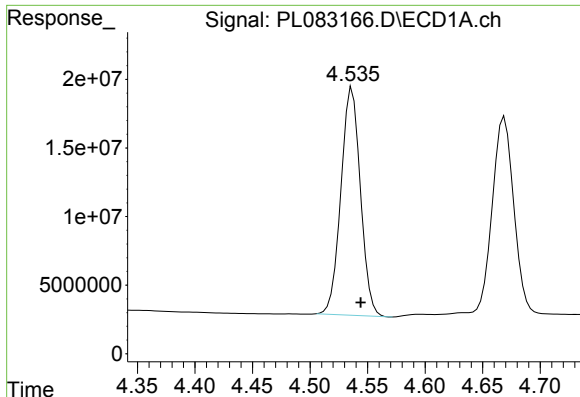
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 89515785
Conc: 47.55 ng/ml



#6 beta-BHC

R.T.: 3.757 min
Delta R.T.: -0.005 min
Response: 70778881
Conc: 49.49 ng/ml



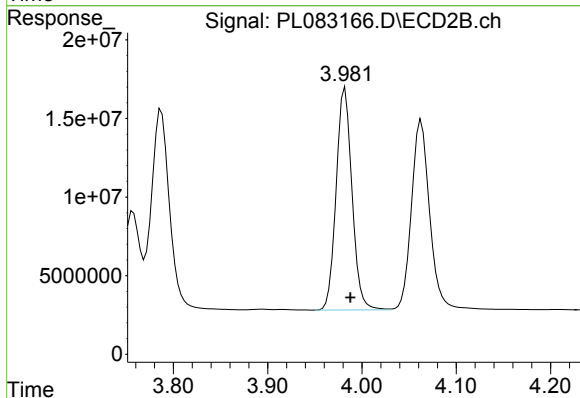
#7 delta-BHC

R.T.: 4.537 min
Delta R.T.: -0.007 min
Response: 196396090
Conc: 57.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153156BSD

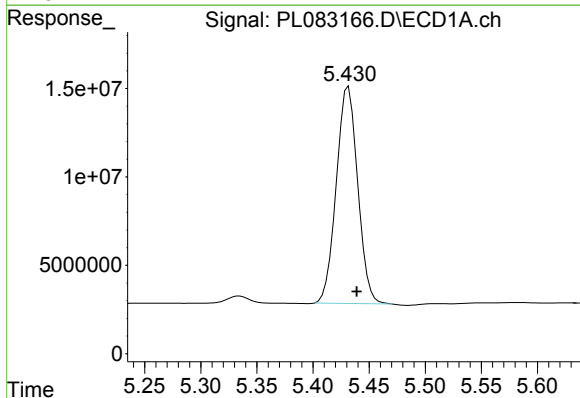
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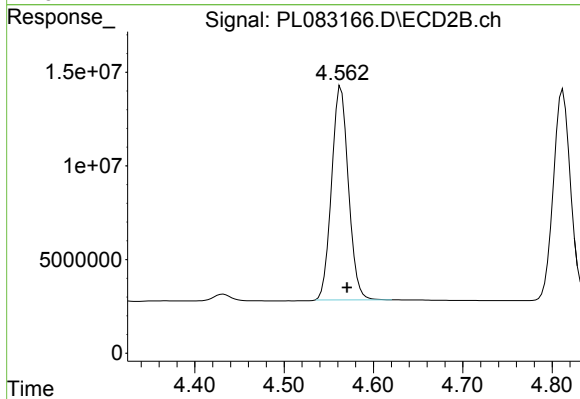
#7 delta-BHC

R.T.: 3.982 min
Delta R.T.: -0.006 min
Response: 165088517
Conc: 50.39 ng/ml



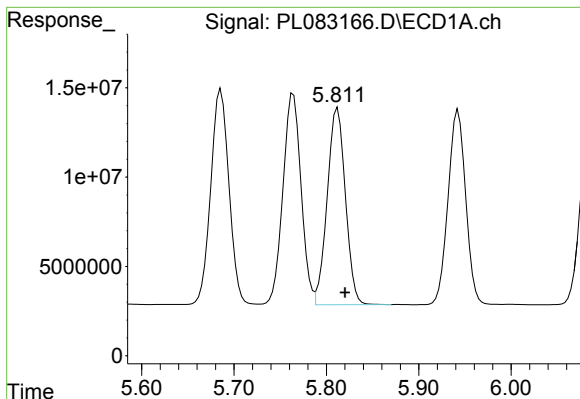
#8 Heptachlor epoxide

R.T.: 5.432 min
Delta R.T.: -0.007 min
Response: 162757236
Conc: 50.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.564 min
Delta R.T.: -0.007 min
Response: 149148738
Conc: 50.25 ng/ml



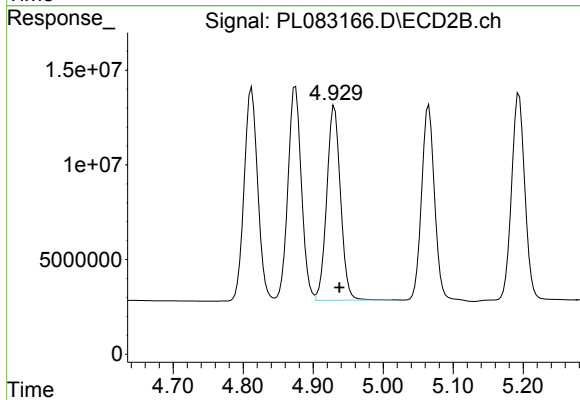
#9 Endosulfan I

R.T.: 5.812 min
Delta R.T.: -0.008 min
Response: 150831802
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153156BSD

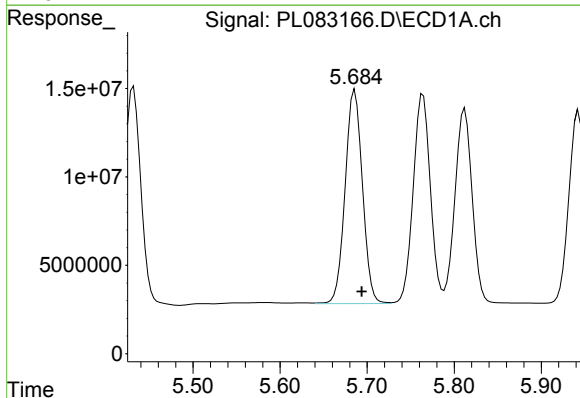
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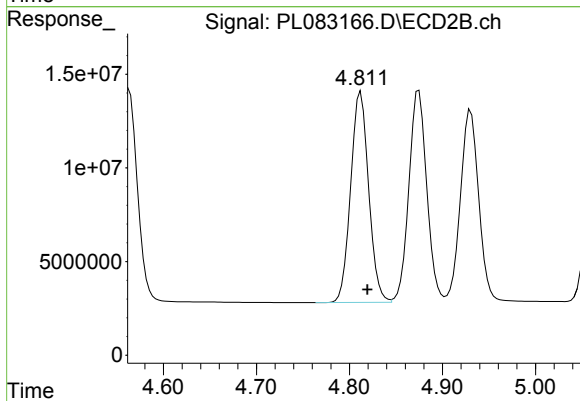
#9 Endosulfan I

R.T.: 4.930 min
Delta R.T.: -0.007 min
Response: 140296048
Conc: 50.21 ng/ml



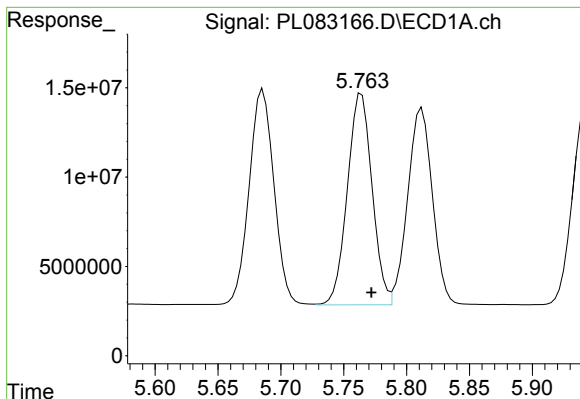
#10 gamma-Chlordane

R.T.: 5.686 min
Delta R.T.: -0.008 min
Response: 166867719
Conc: 52.52 ng/ml



#10 gamma-Chlordane

R.T.: 4.812 min
Delta R.T.: -0.007 min
Response: 151254745
Conc: 50.36 ng/ml



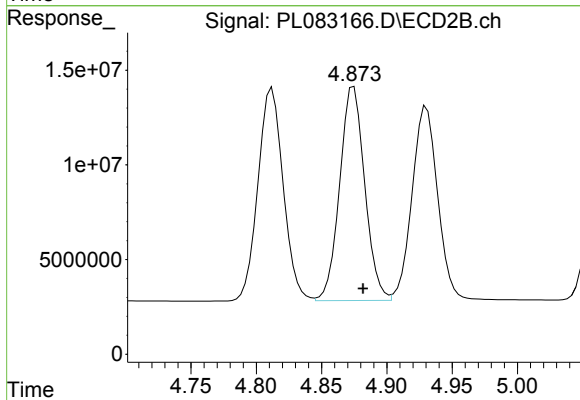
#11 alpha-Chlordane

R.T.: 5.764 min
Delta R.T.: -0.008 min
Response: 162055760
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153156BSD

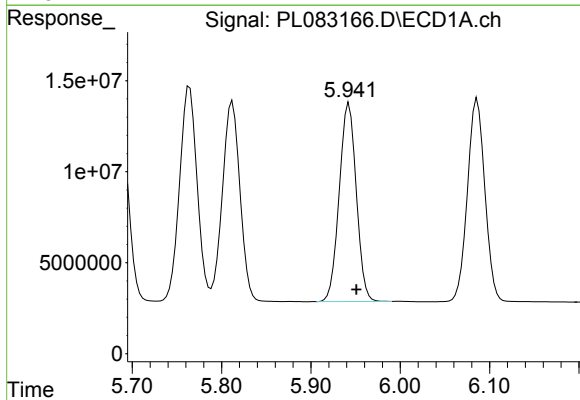
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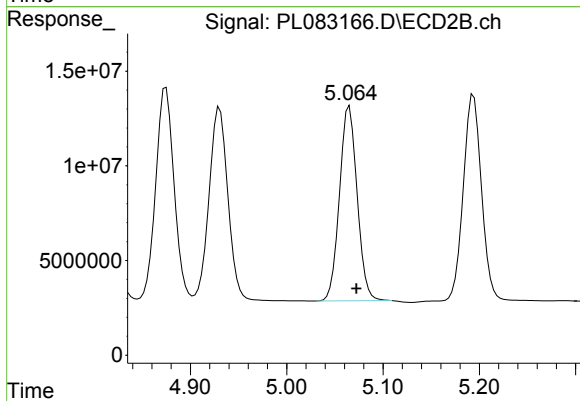
#11 alpha-Chlordane

R.T.: 4.875 min
Delta R.T.: -0.007 min
Response: 150998278
Conc: 50.30 ng/ml



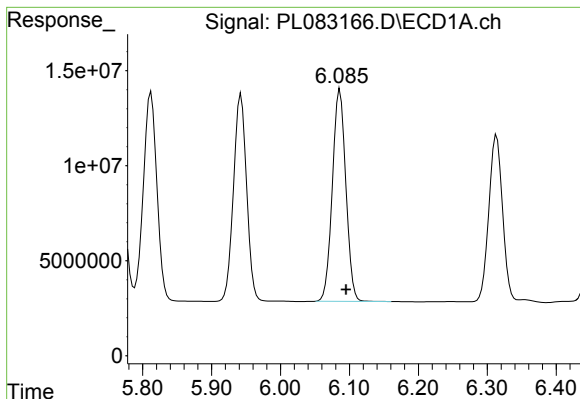
#12 4,4'-DDE

R.T.: 5.943 min
Delta R.T.: -0.008 min
Response: 144488916
Conc: 52.42 ng/ml



#12 4,4'-DDE

R.T.: 5.064 min
Delta R.T.: -0.009 min
Response: 130518932
Conc: 53.74 ng/ml m



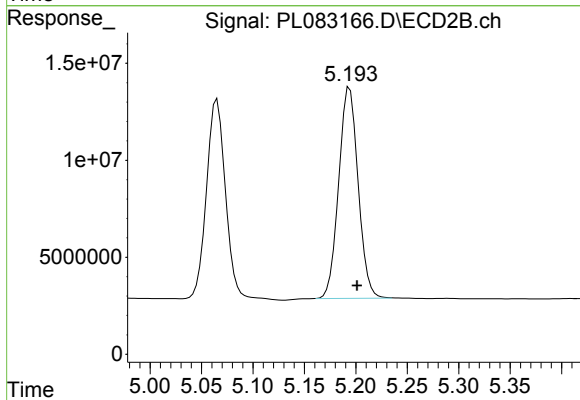
#13 Dieldrin

R.T.: 6.086 min
Delta R.T.: -0.009 min
Response: 151348030
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153156BSD

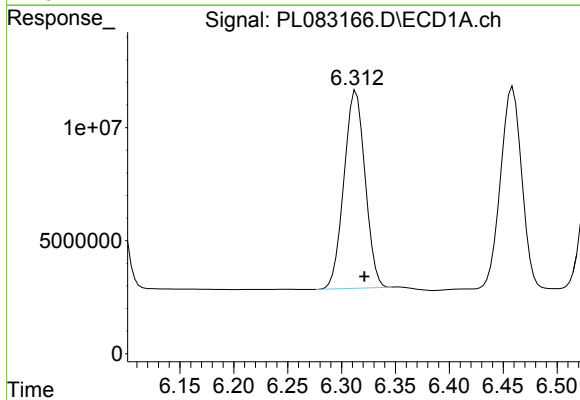
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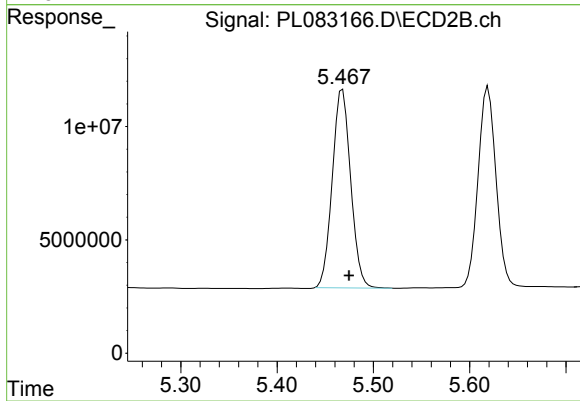
#13 Dieldrin

R.T.: 5.193 min
Delta R.T.: -0.009 min
Response: 142769576
Conc: 50.58 ng/ml m



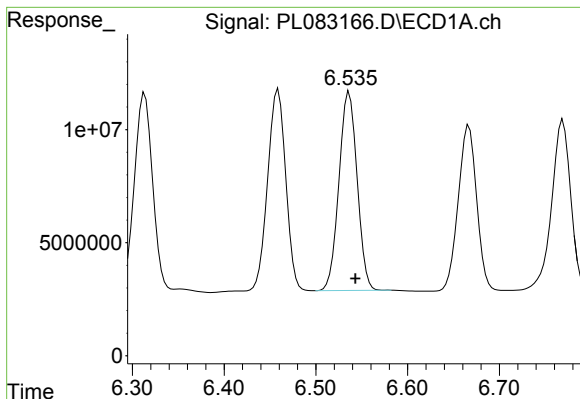
#14 Endrin

R.T.: 6.313 min
Delta R.T.: -0.008 min
Response: 119398970
Conc: 44.43 ng/ml



#14 Endrin

R.T.: 5.468 min
Delta R.T.: -0.007 min
Response: 116288510
Conc: 45.84 ng/ml



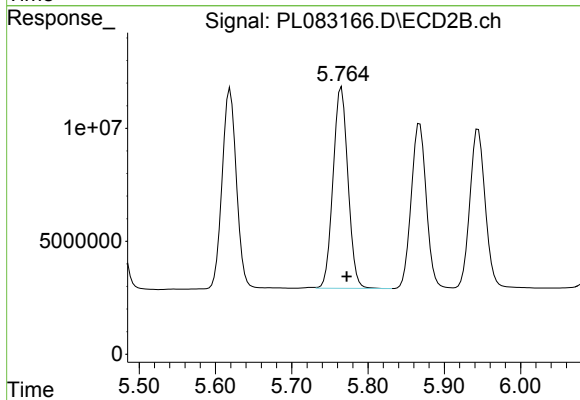
#15 Endosulfan II

R.T.: 6.536 min
Delta R.T.: -0.007 min
Response: 120919873
Conc: 45.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153156BSD

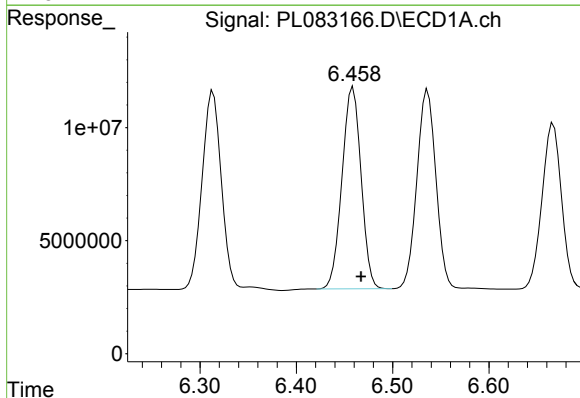
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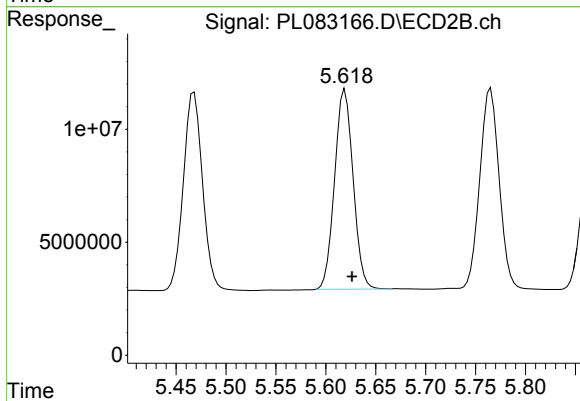
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 120340231
Conc: 48.64 ng/ml



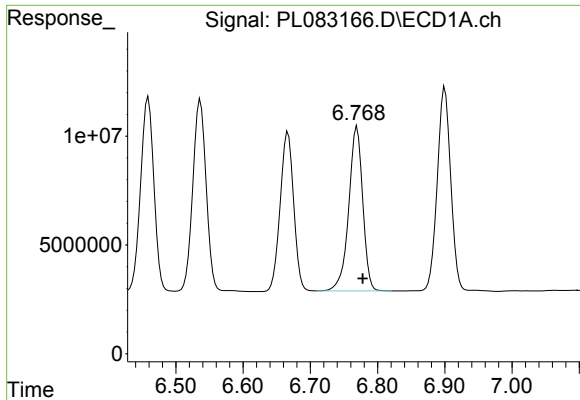
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 122313693
Conc: 56.29 ng/ml



#16 4,4'-DDD

R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 114150993
Conc: 59.35 ng/ml



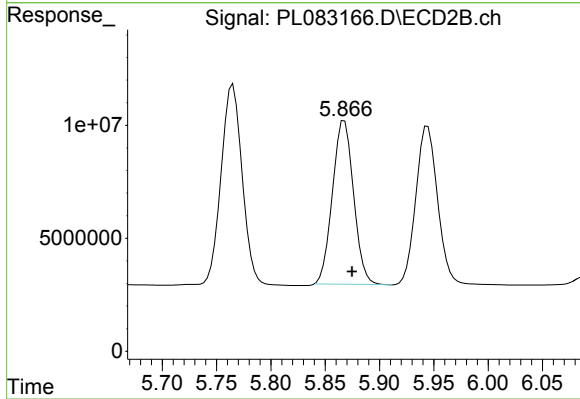
#17 4,4'-DDT

R.T.: 6.769 min
Delta R.T.: -0.009 min
Response: 108959454
Conc: 43.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153156BSD

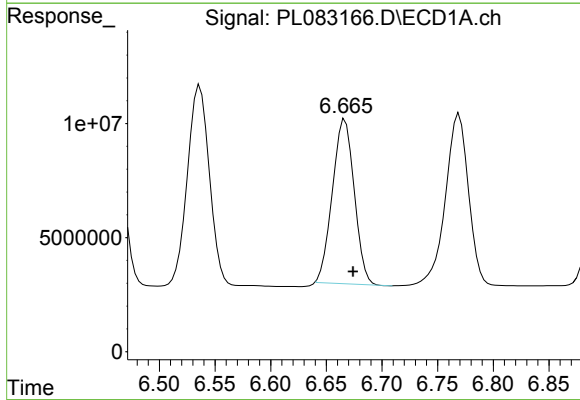
Manual Integrations
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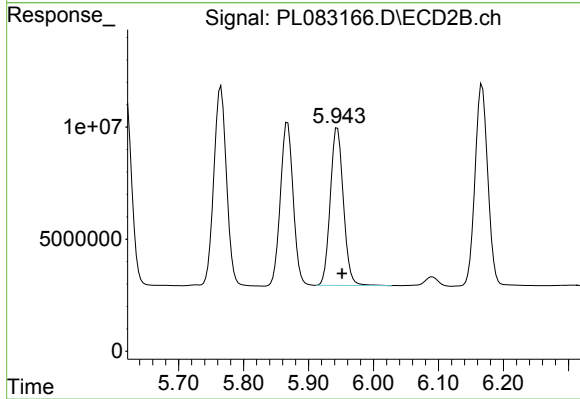
#17 4,4'-DDT

R.T.: 5.868 min
Delta R.T.: -0.007 min
Response: 98019900
Conc: 43.93 ng/ml



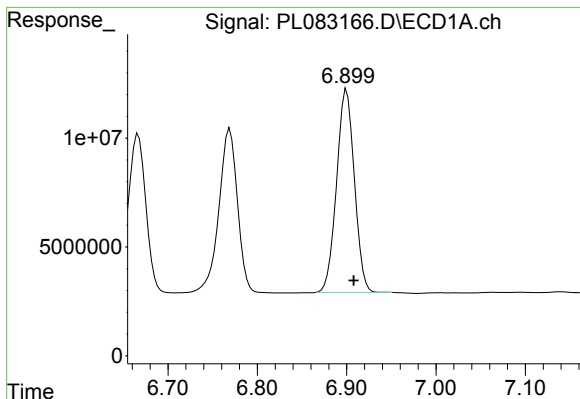
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 98399325
Conc: 48.94 ng/ml



#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 98361114
Conc: 49.74 ng/ml



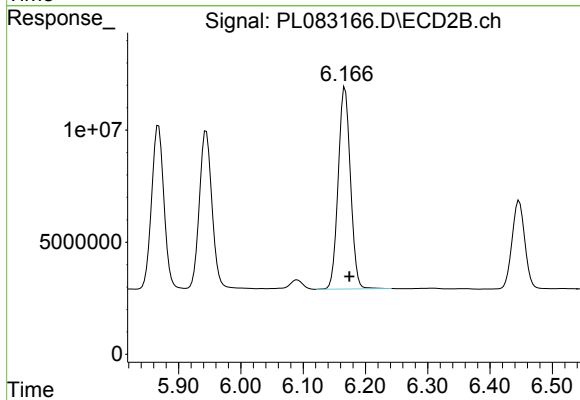
#19 Endosulfan Sulfate

R.T.: 6.900 min
Delta R.T.: -0.008 min
Response: 129351871
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153156BSD

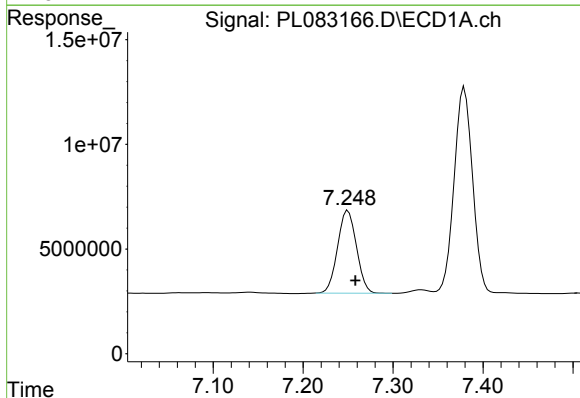
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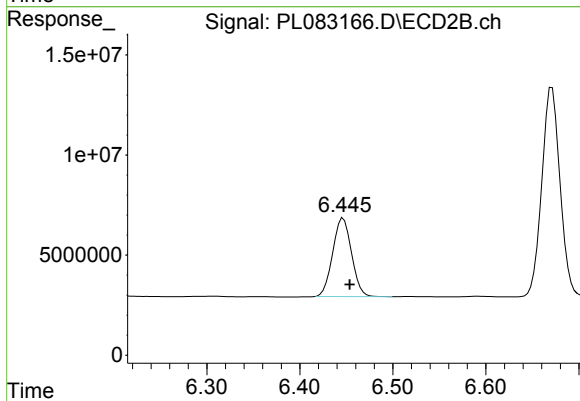
#19 Endosulfan Sulfate

R.T.: 6.167 min
Delta R.T.: -0.007 min
Response: 122916074
Conc: 50.19 ng/ml



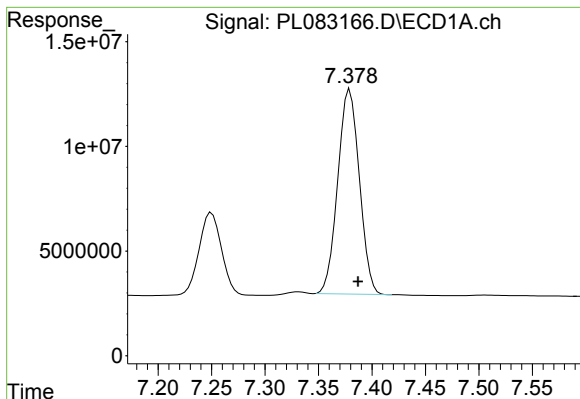
#20 Methoxychlor

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 57750425
Conc: 43.67 ng/ml



#20 Methoxychlor

R.T.: 6.447 min
Delta R.T.: -0.007 min
Response: 55258898
Conc: 43.45 ng/ml



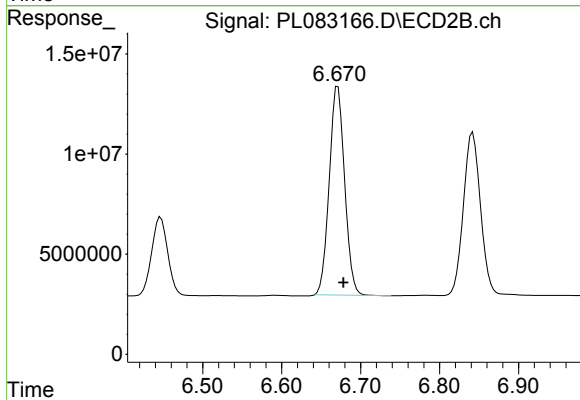
#21 Endrin ketone

R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 137762233
Conc: 54.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153156BSD

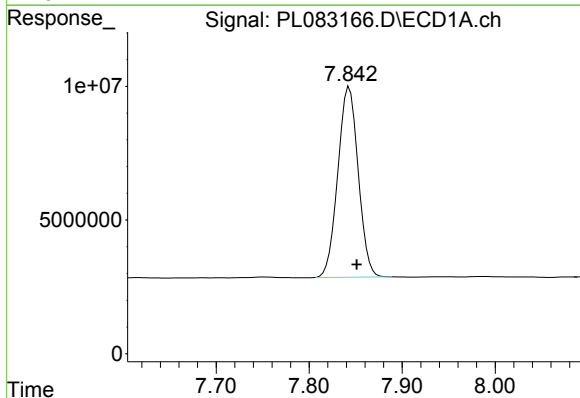
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2023
Supervised By :Ankita Jodhani 06/02/2023



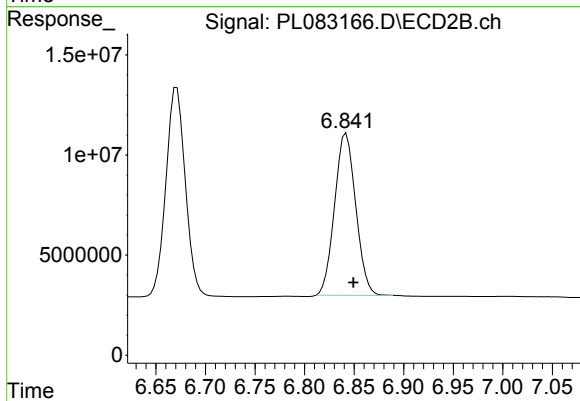
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 141178773
Conc: 52.21 ng/ml



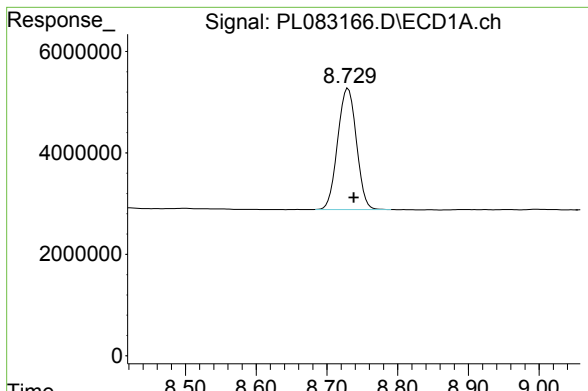
#22 Mirex

R.T.: 7.843 min
Delta R.T.: -0.008 min
Response: 108537133
Conc: 51.78 ng/ml



#22 Mirex

R.T.: 6.842 min
Delta R.T.: -0.007 min
Response: 120028895
Conc: 51.30 ng/ml



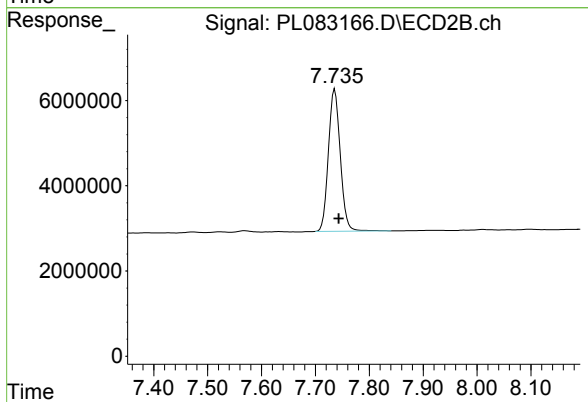
#28 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: -0.008 min
Response: 44049163
Conc: 21.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153156BSD

Manual Integrations
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Supervised By :Ankita Jodhani 06/02/2023



#28 Decachlorobiphenyl

R.T.: 7.736 min
Delta R.T.: -0.008 min
Response: 51253673
Conc: 20.61 ng/ml