

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051223\
 Data File : PL082696.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2023 15:57
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/15/2023
 Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 23:24:13 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...	3.319	2.641	132.9E6	116.3E6	49.751	50.189
28)	SA Decachlor...	8.735	7.748	93016683	95970075	48.723	42.046
Target Compounds							
2)	A alpha-BHC	3.768	3.138	203.3E6	173.5E6	51.067	50.978
3)	MA gamma-BHC...	4.096	3.465	191.5E6	157.7E6	51.223	49.036
4)	MA Heptachlor	4.674	3.796	183.6E6	163.7E6	50.258	47.806
5)	MB Aldrin	5.010	4.073	166.3E6	156.1E6	50.423	49.566
6)	B beta-BHC	4.299	3.763	81567602	69930575	47.826	51.254m
7)	B delta-BHC	4.540	3.991	175.7E6	157.2E6	48.844	51.246
8)	B Heptachlo...	5.436	4.574	150.0E6	135.5E6	49.182	47.049
9)	A Endosulfan I	5.817	4.941	136.2E6	127.7E6	49.120	47.836
10)	B gamma-Chl...	5.691	4.822	150.7E6	138.0E6	50.106	47.555
11)	B alpha-Chl...	5.769	4.885	146.1E6	137.5E6	48.953	47.358
12)	B 4,4'-DDE	5.947	5.075	126.2E6	114.9E6	49.659	49.985m
13)	MA Dieldrin	6.092	5.203	133.7E6	128.2E6	48.466	47.461m
14)	MA Endrin	6.319	5.477	118.4E6	113.9E6	48.818	46.558m
15)	B Endosulfa...	6.541	5.776	110.7E6	102.0E6	45.490	45.249
16)	A 4,4'-DDD	6.463	5.630	99964614	89232110	49.312	47.708
17)	MA 4,4'-DDT	6.774	5.878	113.8E6	100.1E6	49.724	47.360
18)	B Endrin al...	6.671	5.955	91552523	83415651	48.590	44.574
19)	B Endosulfa...	6.905	6.178	112.9E6	106.9E6	47.591	45.393
20)	A Methoxychlor	7.255	6.455	59448690	57254630	48.715	47.246m
21)	B Endrin ke...	7.384	6.681	113.4E6	114.6E6	47.341	45.149m
22)	Mirex	7.848	6.852	90578090	96704311	46.300	41.968m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051223\
Data File : PL082696.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2023 15:57
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

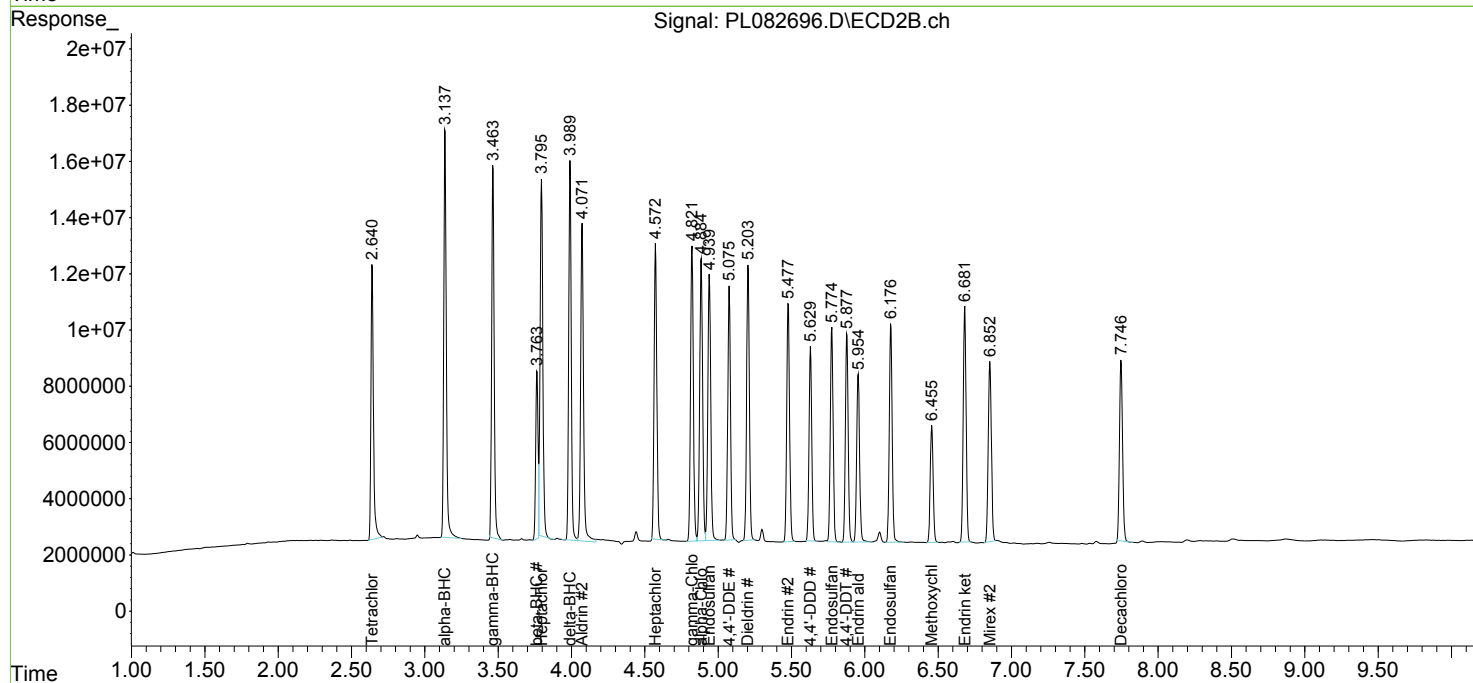
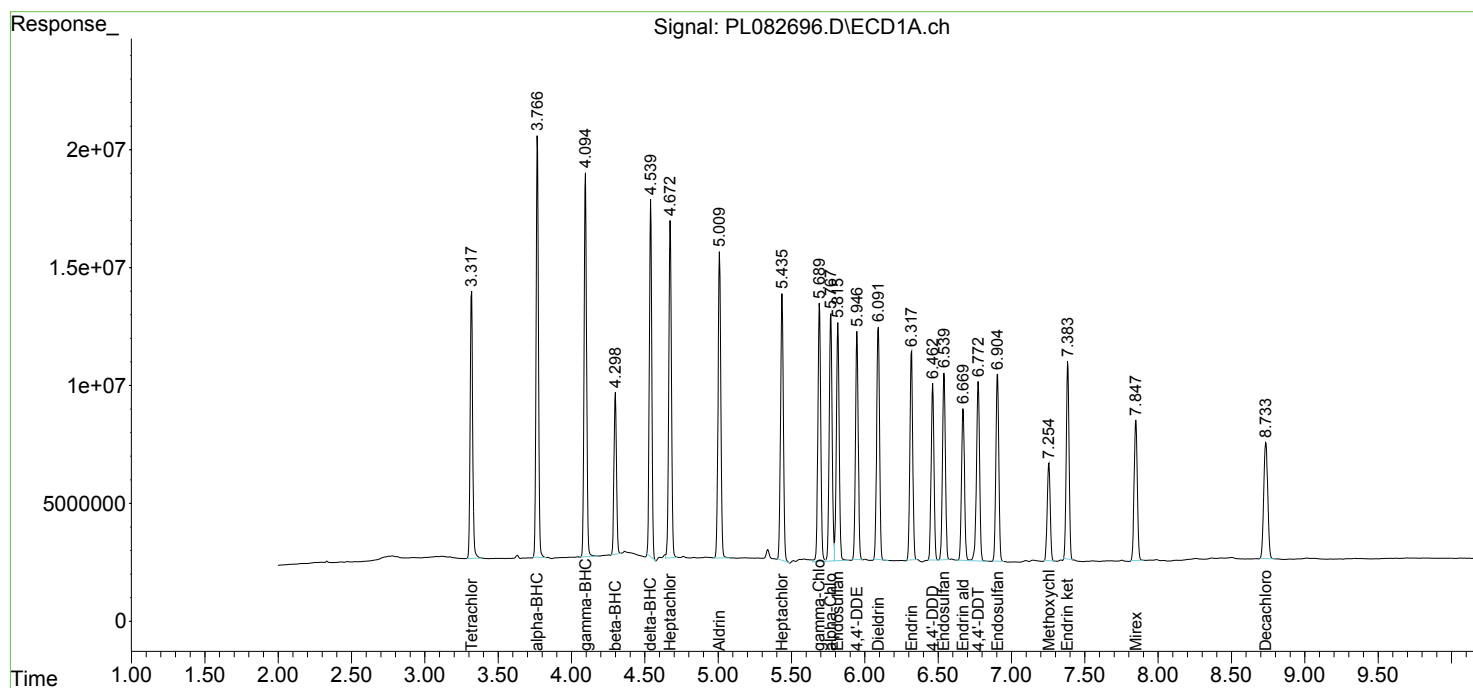
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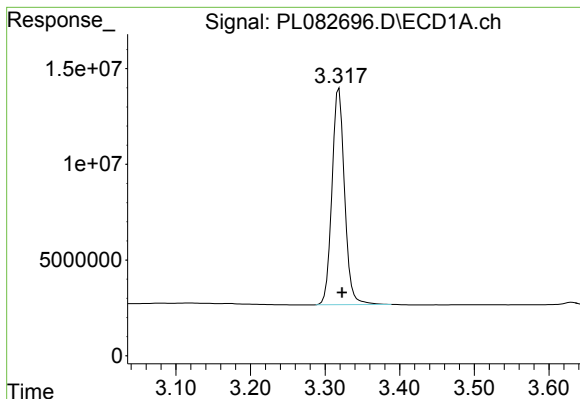
Reviewed By :Abdul Mirza 05/15/2023

Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 23:24:13 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





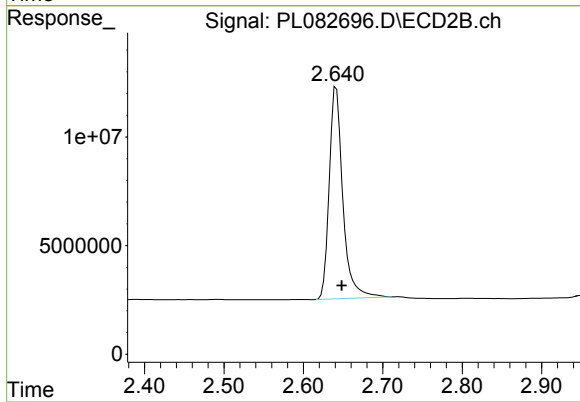
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 132894127
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

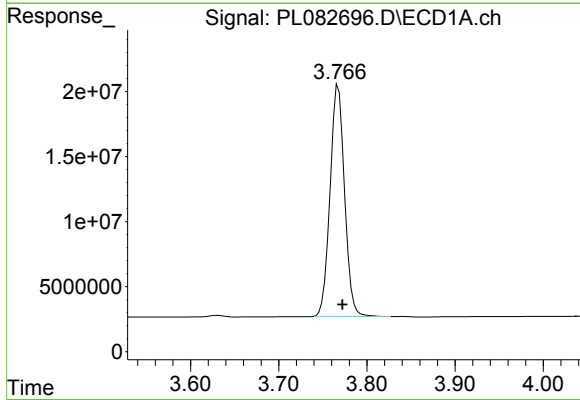
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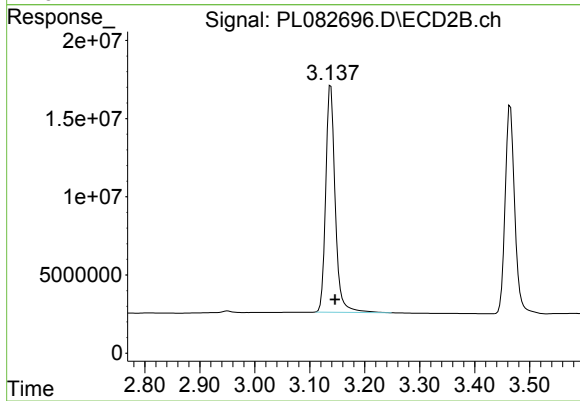
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 116275562
Conc: 50.19 ng/ml



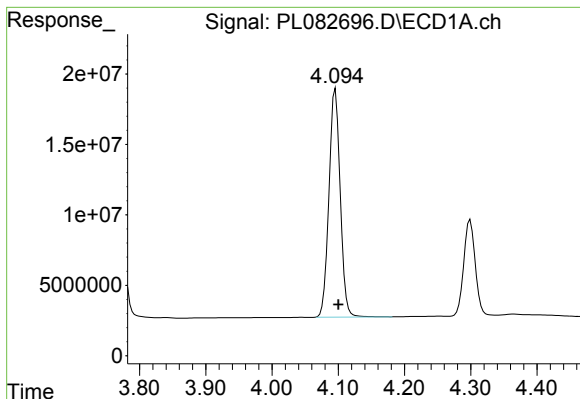
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 203261007
Conc: 51.07 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 173501601
Conc: 50.98 ng/ml



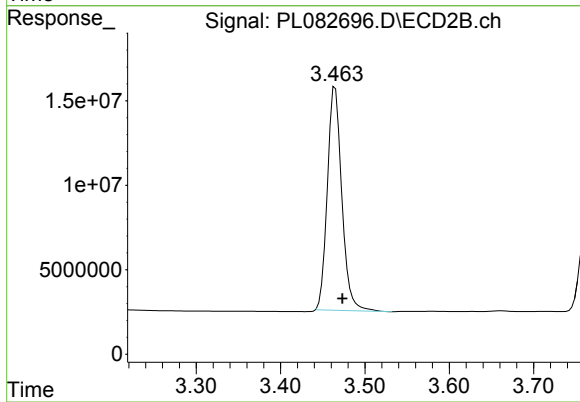
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.005 min
Response: 191518553
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

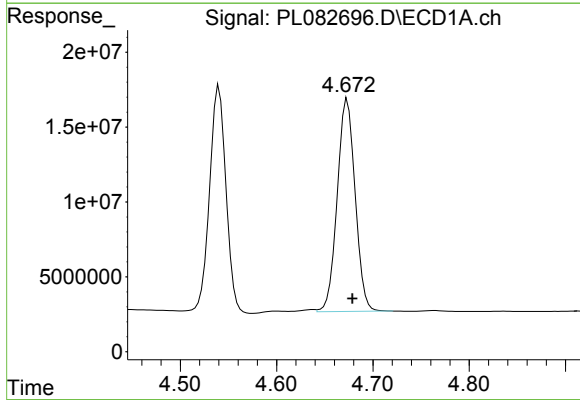
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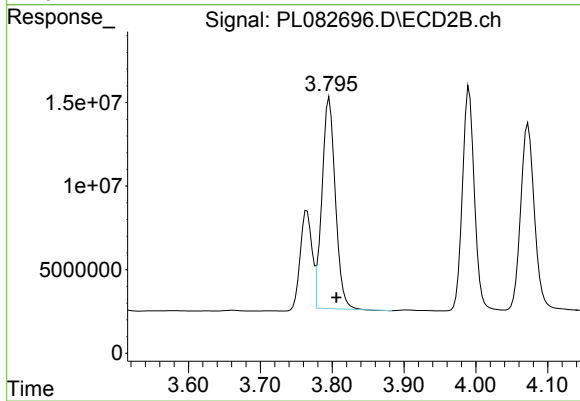
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.009 min
Response: 157663716
Conc: 49.04 ng/ml



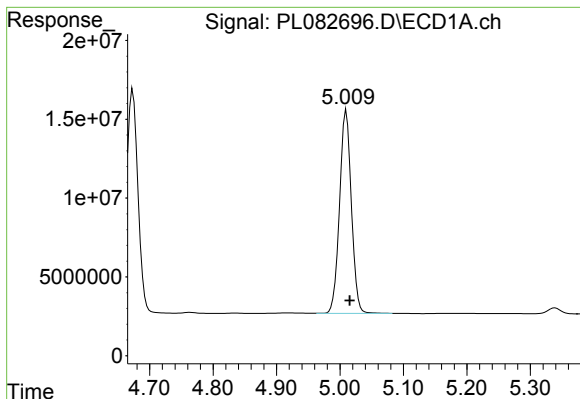
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 183640573
Conc: 50.26 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.010 min
Response: 163650143
Conc: 47.81 ng/ml



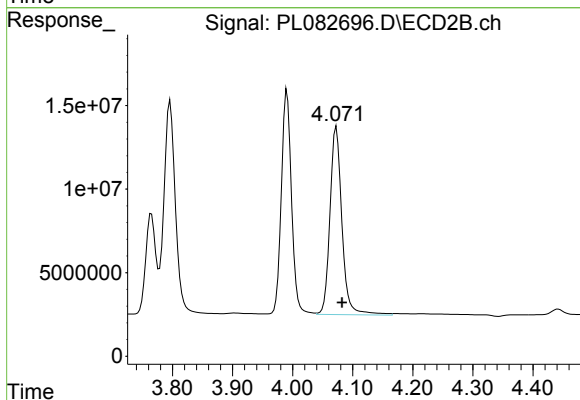
#5 Aldrin

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 166274179
Conc: 50.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

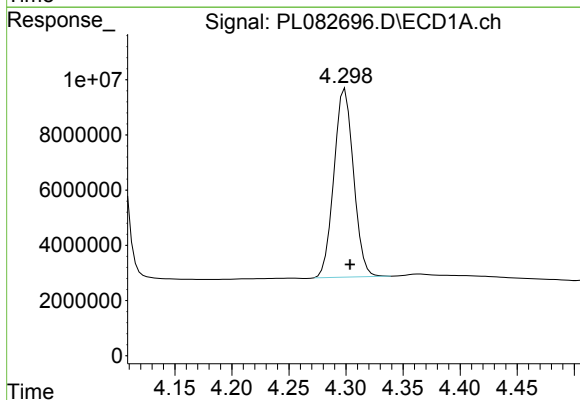
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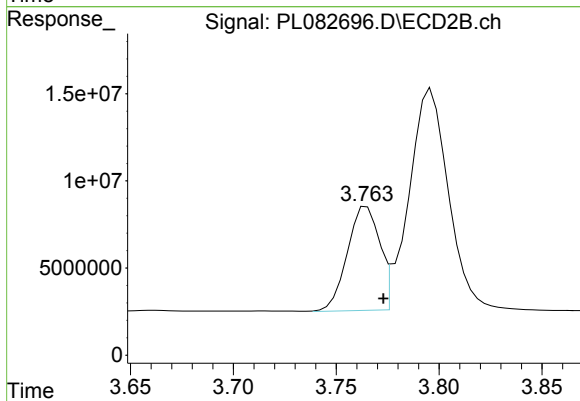
#5 Aldrin

R.T.: 4.073 min
Delta R.T.: -0.009 min
Response: 156126584
Conc: 49.57 ng/ml



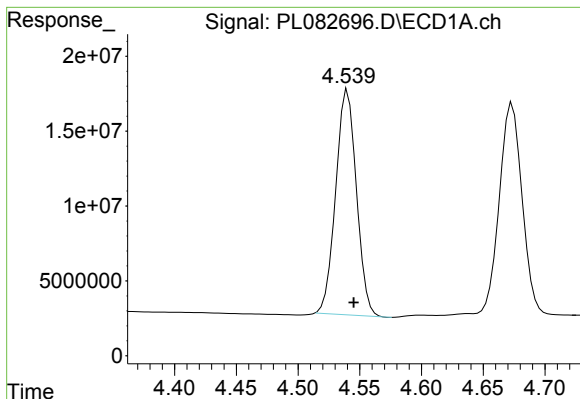
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 81567602
Conc: 47.83 ng/ml



#6 beta-BHC

R.T.: 3.763 min
Delta R.T.: -0.010 min
Response: 69930575
Conc: 51.25 ng/ml m



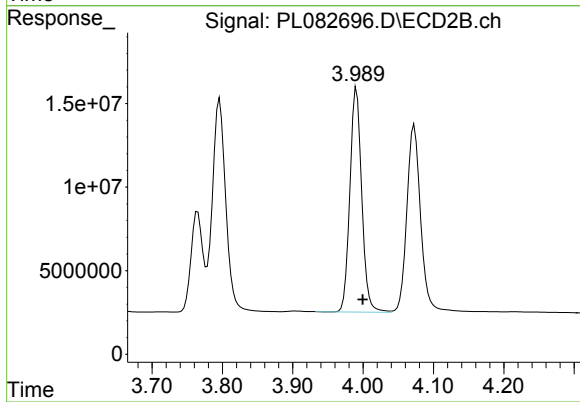
#7 delta-BHC

R.T.: 4.540 min
Delta R.T.: -0.005 min
Response: 175728643
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

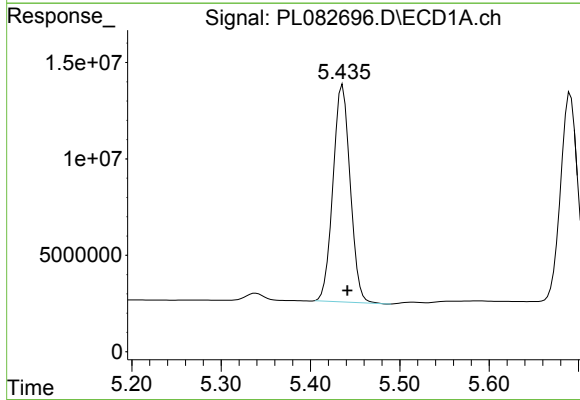
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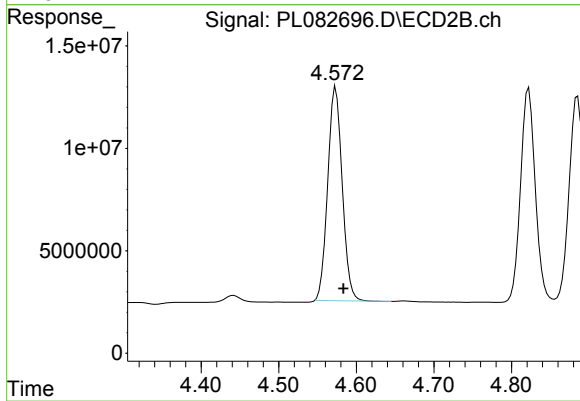
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.009 min
Response: 157190785
Conc: 51.25 ng/ml



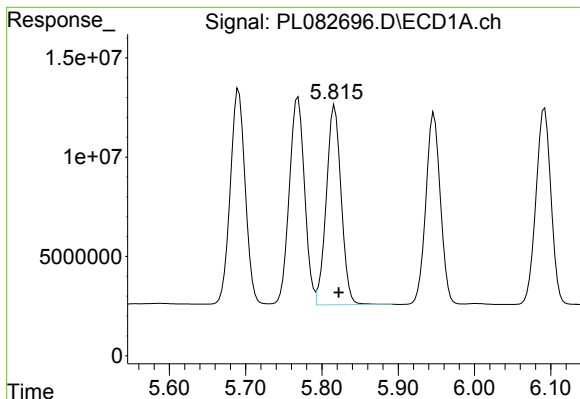
#8 Heptachlor epoxide

R.T.: 5.436 min
Delta R.T.: -0.005 min
Response: 150021387
Conc: 49.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.574 min
Delta R.T.: -0.010 min
Response: 135541676
Conc: 47.05 ng/ml



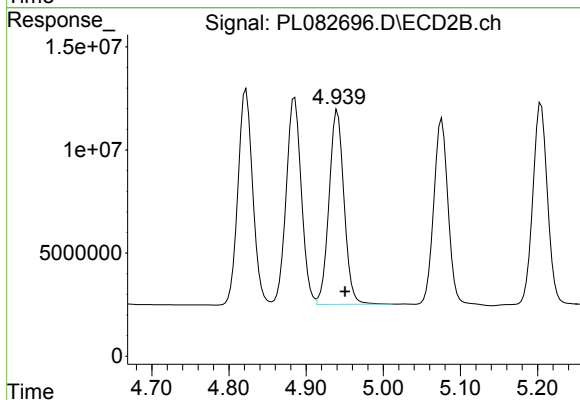
#9 Endosulfan I

R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 136196807
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

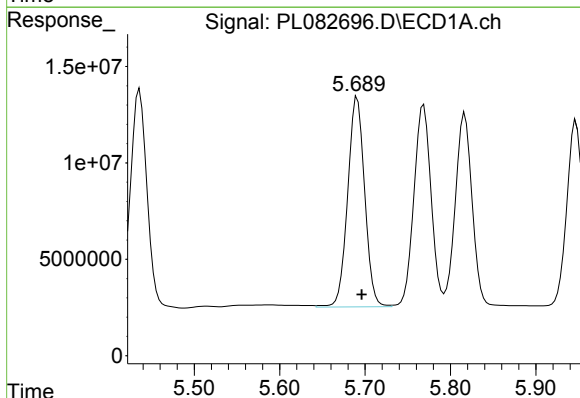
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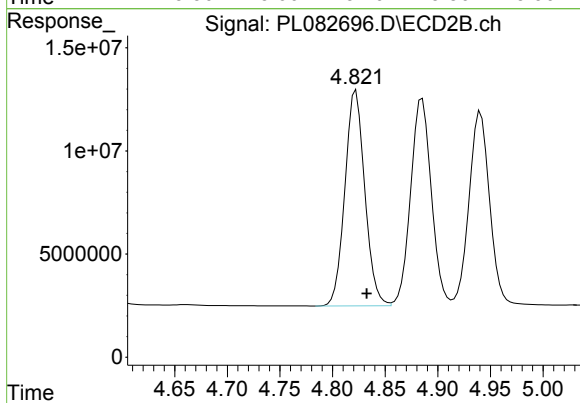
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 127694130
Conc: 47.84 ng/ml



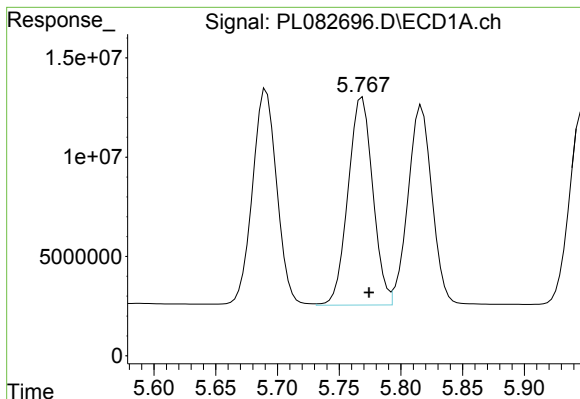
#10 gamma-Chlordane

R.T.: 5.691 min
Delta R.T.: -0.005 min
Response: 150662554
Conc: 50.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.010 min
Response: 137996177
Conc: 47.55 ng/ml



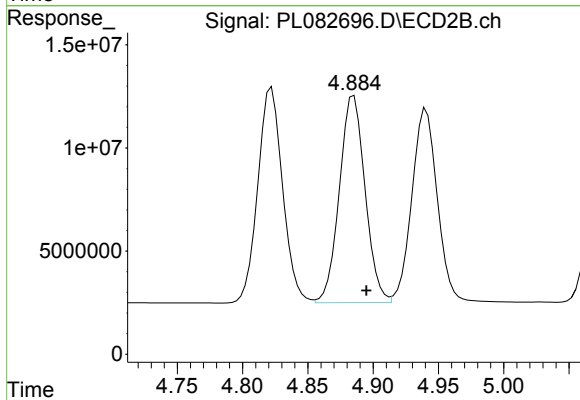
#11 alpha-Chlordane

R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 146106065
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

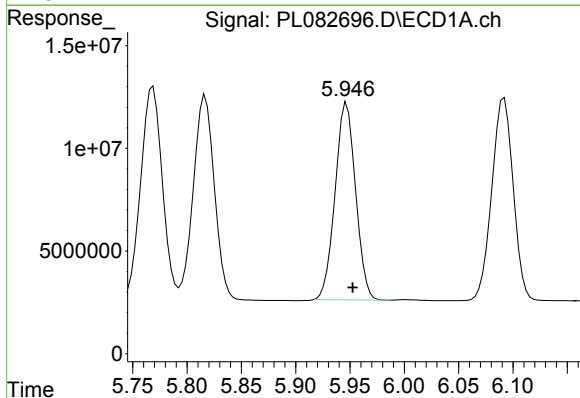
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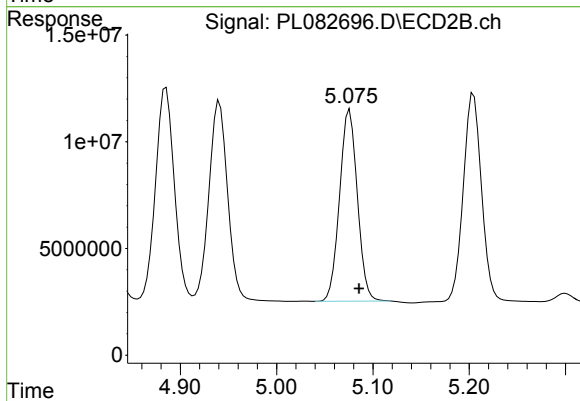
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 137472954
Conc: 47.36 ng/ml



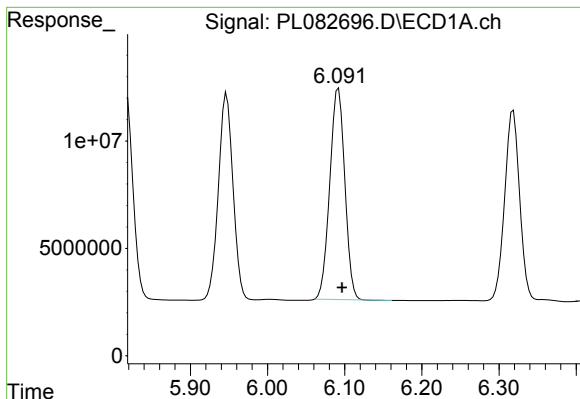
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 126234132
Conc: 49.66 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.011 min
Response: 114913325
Conc: 49.98 ng/ml m



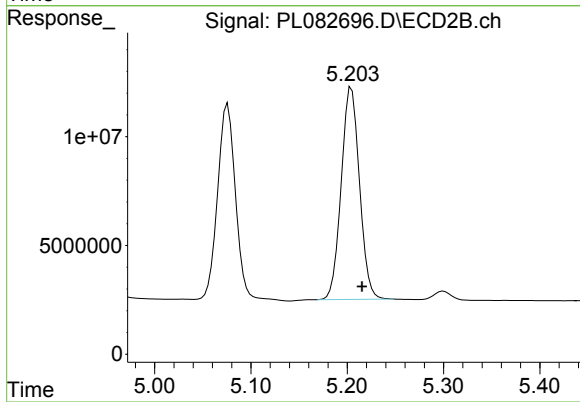
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 133724104
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

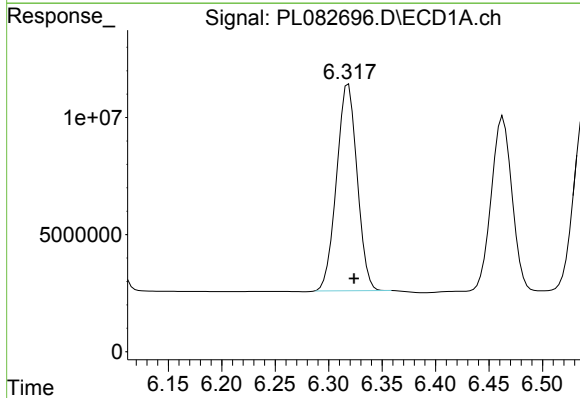
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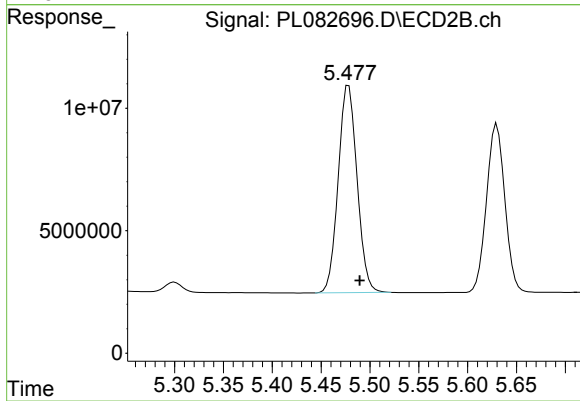
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 128162737
Conc: 47.46 ng/ml m



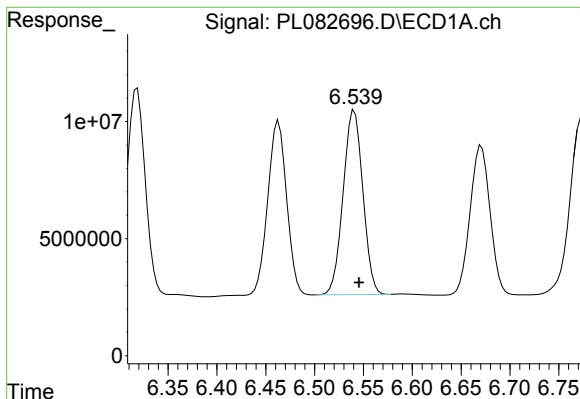
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 118360884
Conc: 48.82 ng/ml



#14 Endrin

R.T.: 5.477 min
Delta R.T.: -0.013 min
Response: 113877948
Conc: 46.56 ng/ml m



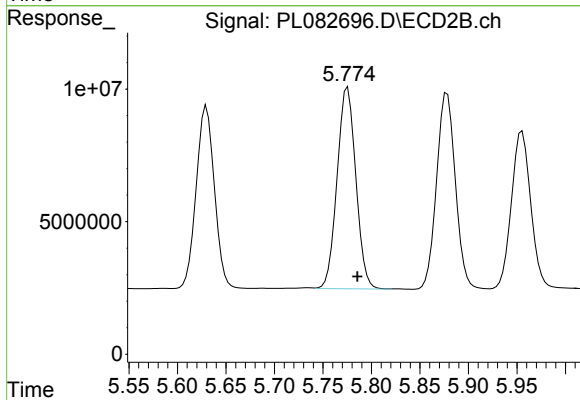
#15 Endosulfan II

R.T.: 6.541 min
Delta R.T.: -0.005 min
Response: 110749350
Conc: 45.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

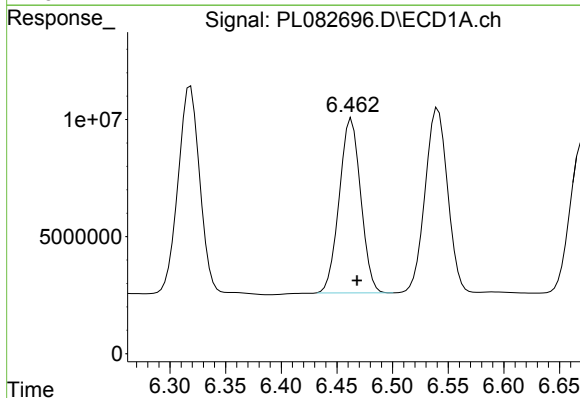
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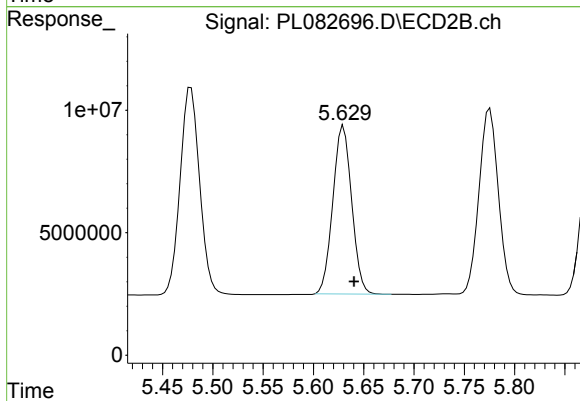
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.010 min
Response: 101995229
Conc: 45.25 ng/ml



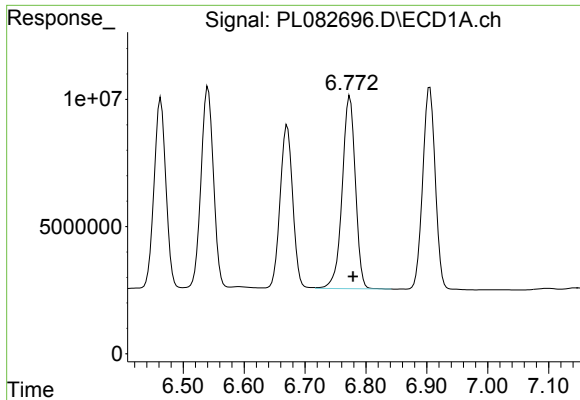
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 99964614
Conc: 49.31 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 89232110
Conc: 47.71 ng/ml



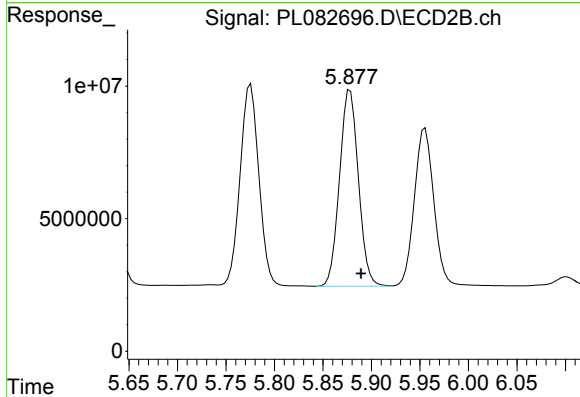
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 113753832
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

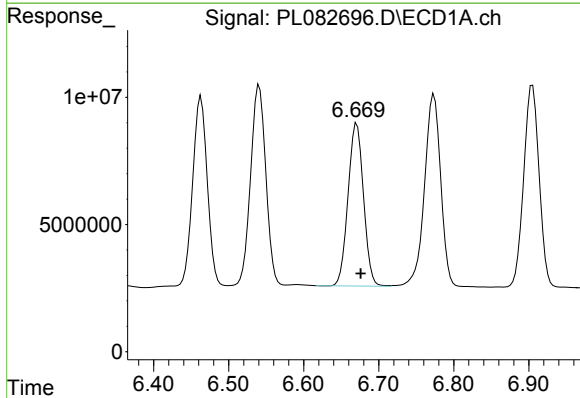
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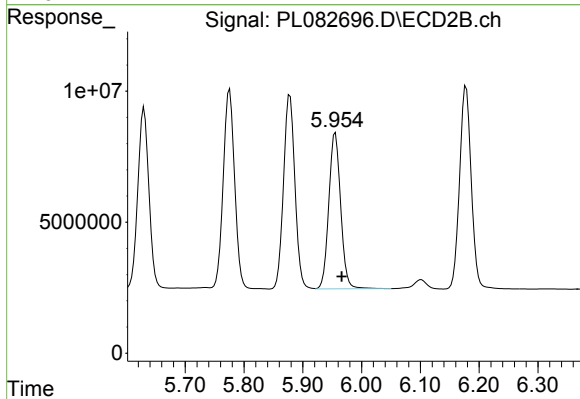
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.011 min
Response: 100053007
Conc: 47.36 ng/ml



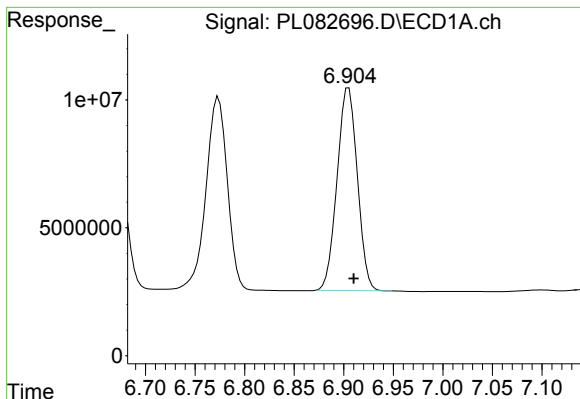
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.005 min
Response: 91552523
Conc: 48.59 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 83415651
Conc: 44.57 ng/ml



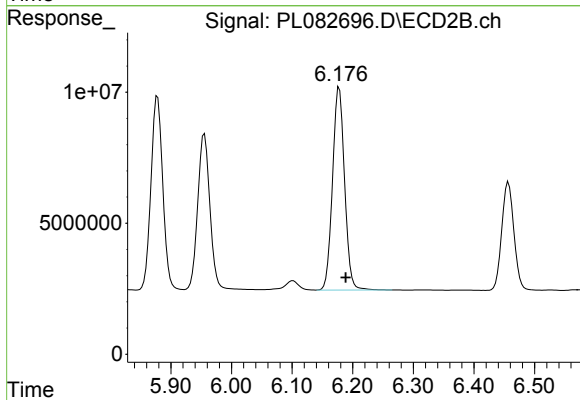
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.005 min
Response: 112863844
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

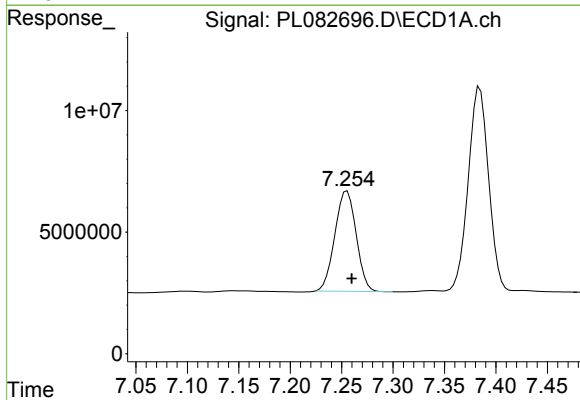
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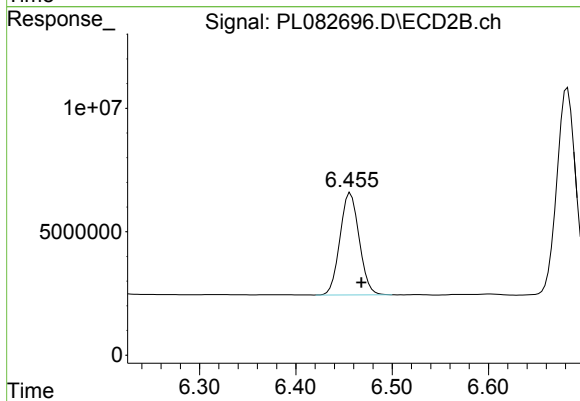
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.011 min
Response: 106868779
Conc: 45.39 ng/ml



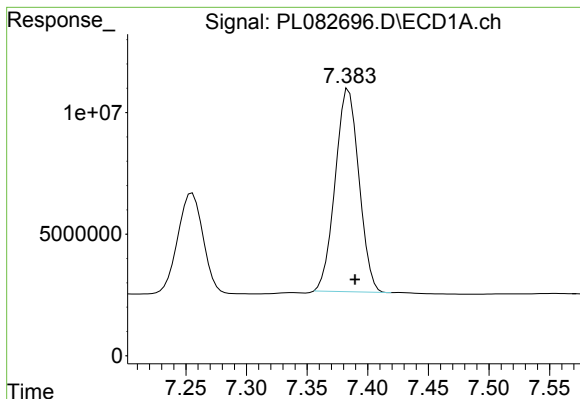
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.004 min
Response: 59448690
Conc: 48.72 ng/ml



#20 Methoxychlor

R.T.: 6.455 min
Delta R.T.: -0.013 min
Response: 57254630
Conc: 47.25 ng/ml m



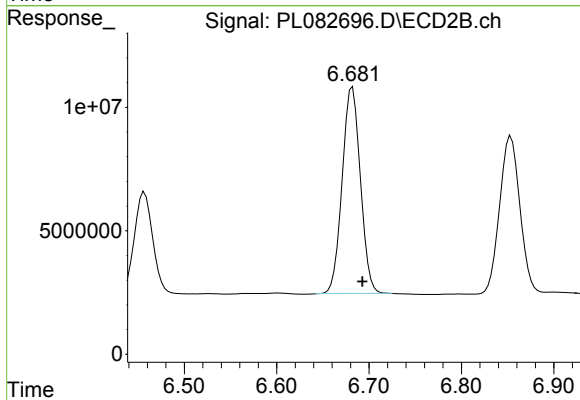
#21 Endrin ketone

R.T.: 7.384 min
Delta R.T.: -0.005 min
Response: 113352622
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

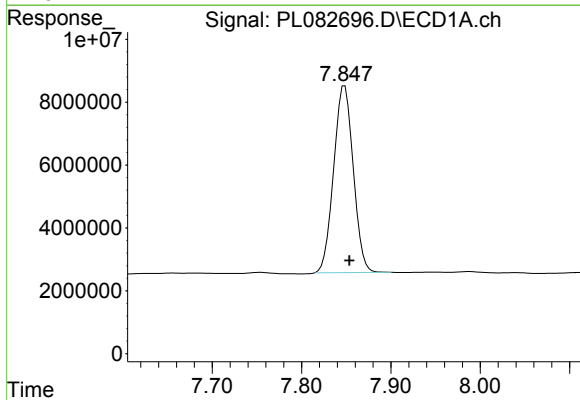
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



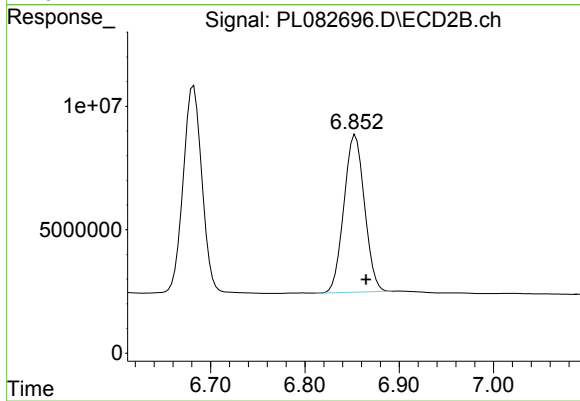
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: -0.012 min
Response: 114596238
Conc: 45.15 ng/ml m



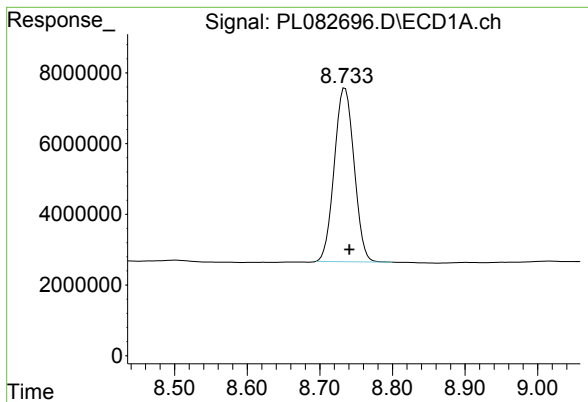
#22 Mirex

R.T.: 7.848 min
Delta R.T.: -0.005 min
Response: 90578090
Conc: 46.30 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.013 min
Response: 96704311
Conc: 41.97 ng/ml m



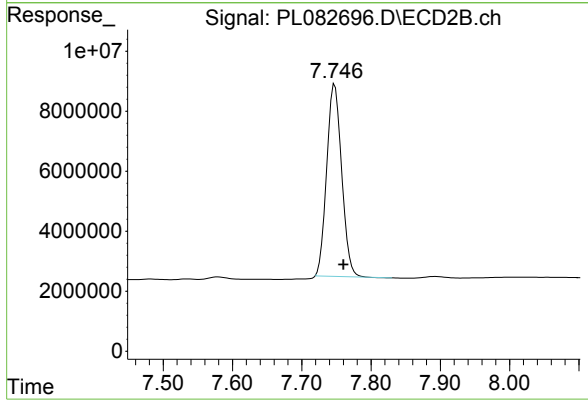
#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.006 min
Response: 93016683
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.748 min
Delta R.T.: -0.012 min
Response: 95970075
Conc: 42.05 ng/ml