

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103122\
 Data File : PL078651.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2022 14:44
 Operator : AR\AJ
 Sample : PB148707BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB148707BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 22:10:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.331	2.570	32791496	47813581	17.195	18.727
28)	SA Decachlor...	8.785	7.645	30393875	40098001	20.204	21.170
Target Compounds							
2)	A alpha-BHC	3.792	3.058	123.6E6	175.0E6	43.051	44.314
3)	MA gamma-BHC...	4.125	3.379	114.0E6	159.9E6	42.686	44.484
4)	MA Heptachlor	4.696	3.706	117.0E6	155.1E6	45.078	44.740
5)	MB Aldrin	5.034	3.978	113.9E6	162.4E6	45.980	46.364
6)	B beta-BHC	4.338	3.679	47330007	61075843	41.086m	42.566
7)	B delta-BHC	4.581	3.899	105.7E6	159.7E6	46.412	43.867
8)	B Heptachlo...	5.468	4.476	102.6E6	137.5E6	48.322	45.616
9)	A Endosulfan I	5.852	4.839	94018805	129.4E6	44.066	45.215
10)	B gamma-Chl...	5.723	4.724	103.4E6	138.6E6	45.794	45.238
11)	B alpha-Chl...	5.800	4.786	101.9E6	135.2E6	44.054	45.362
12)	B 4,4'-DDE	5.983	4.981	88335213	125.4E6	44.138	46.042
13)	MA Dieldrin	6.130	5.101	98549529	140.2E6	45.699	47.312
14)	MA Endrin	6.361	5.372	79749405	117.0E6	42.022	44.899
15)	B Endosulfa...	6.588	5.669	85396187	119.9E6	45.516m	52.665
16)	A 4,4'-DDD	6.508	5.532	73443272	106.3E6	44.056	48.390
17)	MA 4,4'-DDT	6.817	5.780	75136982	101.2E6	41.922	46.659
18)	B Endrin al...	6.722	5.847	69845833	96962561	48.002	51.664
19)	B Endosulfa...	6.955	6.070	80663709	115.4E6	43.841	48.476
20)	A Methoxychlor	7.301	6.357	38801389	52065260	42.135	45.881
21)	B Endrin ke...	7.440	6.567	86207033	131.4E6	45.821	50.830
22)	Mirex	7.896	6.740	66732207	93999102	45.713m	47.765

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103122\
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 Acq On : 31 Oct 2022 14:44
 Operator : AR\AJ
 Sample : PB148707BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

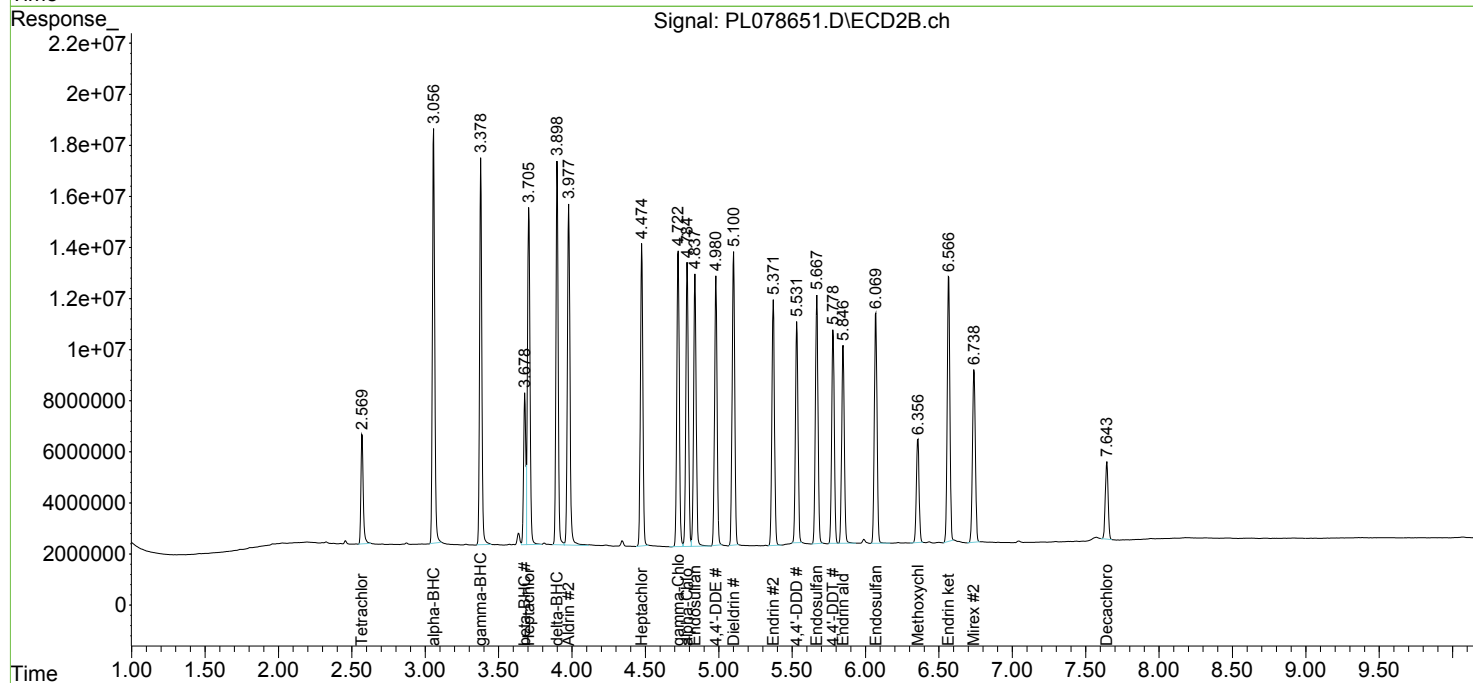
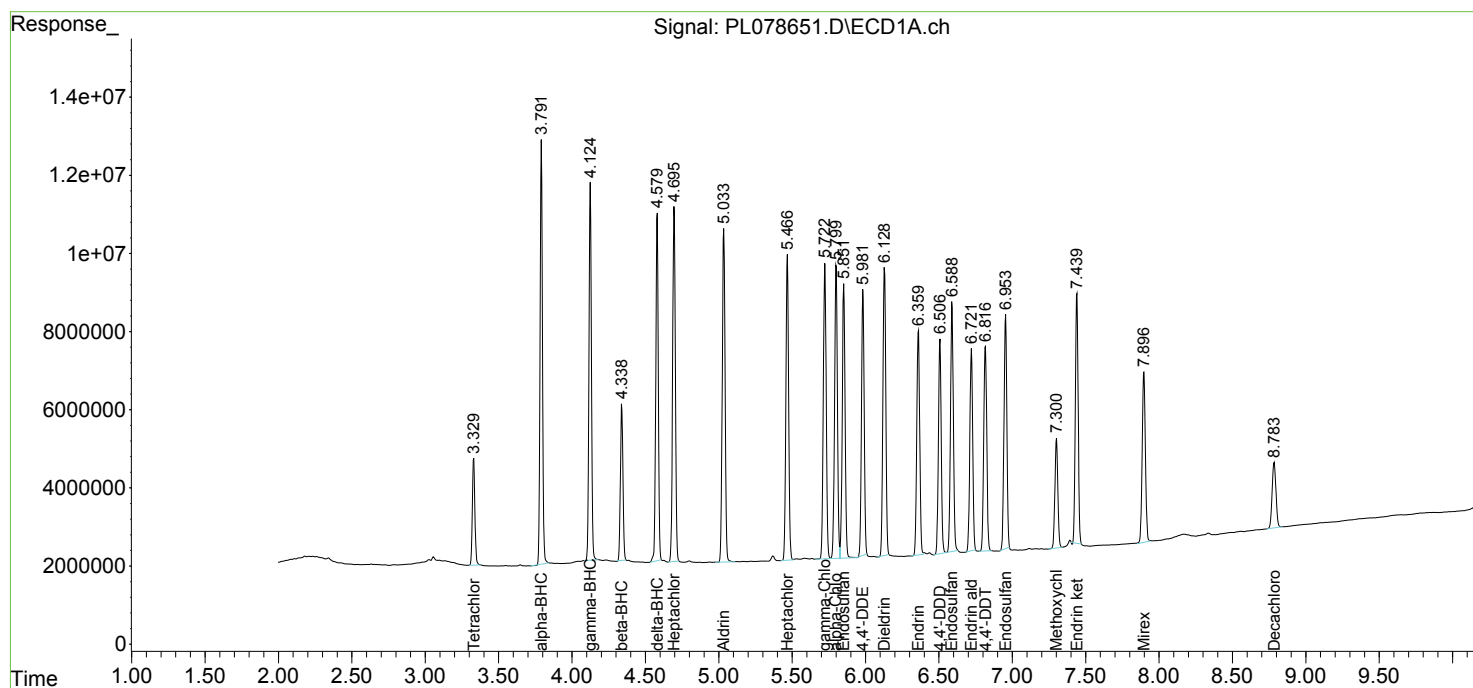
Instrument :
 ECD_L
 ClientSampleId :
 PB148707BS

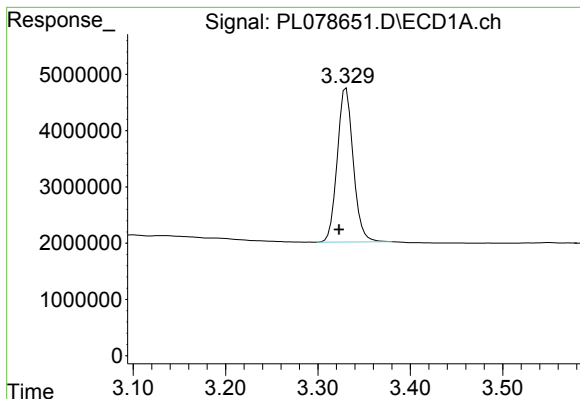
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 11/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 22:10:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
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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





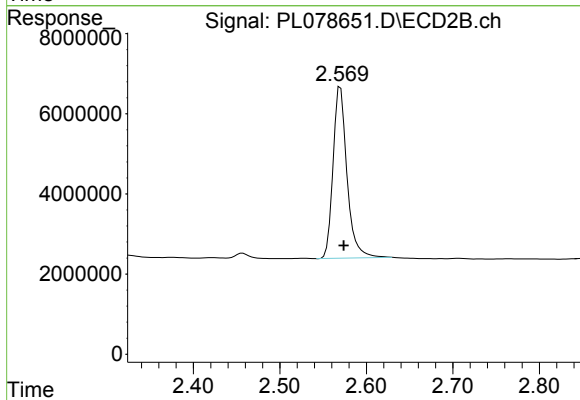
#1 Tetrachloro-m-xylene

R.T.: 3.331 min
Delta R.T.: 0.008 min
Response: 32791496
Conc: 17.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148707BS

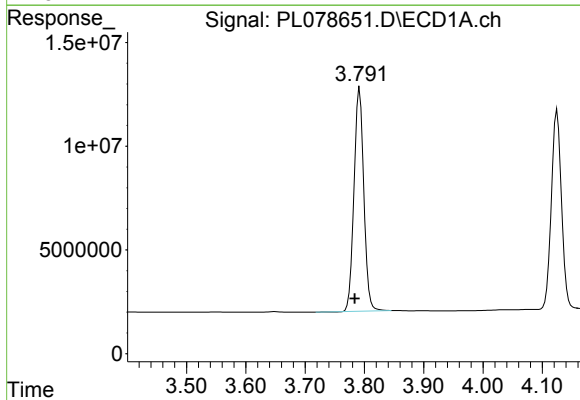
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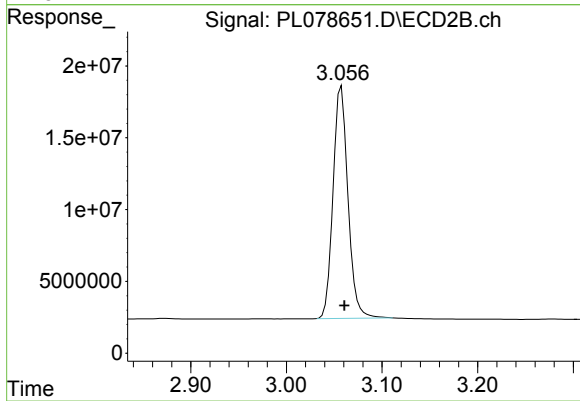
#1 Tetrachloro-m-xylene

R.T.: 2.570 min
Delta R.T.: -0.004 min
Response: 47813581
Conc: 18.73 ng/ml



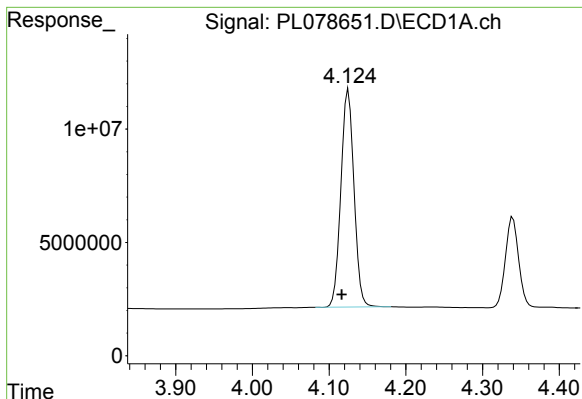
#2 alpha-BHC

R.T.: 3.792 min
Delta R.T.: 0.008 min
Response: 123615032
Conc: 43.05 ng/ml



#2 alpha-BHC

R.T.: 3.058 min
Delta R.T.: -0.003 min
Response: 174998870
Conc: 44.31 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.125 min
Delta R.T.: 0.009 min
Response: 114045703
Conc: 42.69 ng/ml

Instrument :

ECD_L

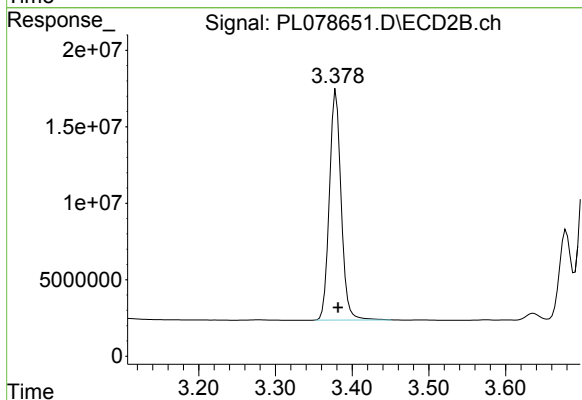
ClientSampleId :

PB148707BS

Manual Integrations

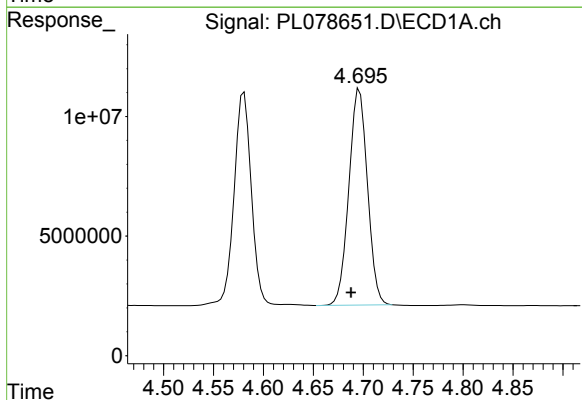
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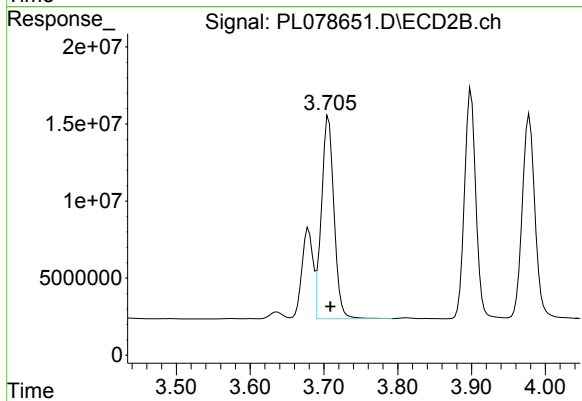
#3 gamma-BHC (Lindane)

R.T.: 3.379 min
Delta R.T.: -0.003 min
Response: 159885189
Conc: 44.48 ng/ml



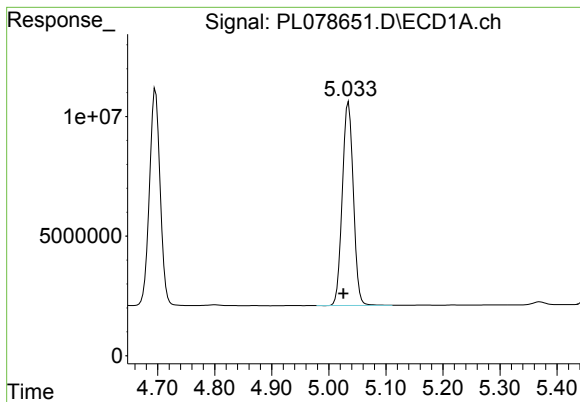
#4 Heptachlor

R.T.: 4.696 min
Delta R.T.: 0.008 min
Response: 117022575
Conc: 45.08 ng/ml



#4 Heptachlor

R.T.: 3.706 min
Delta R.T.: -0.002 min
Response: 155149662
Conc: 44.74 ng/ml



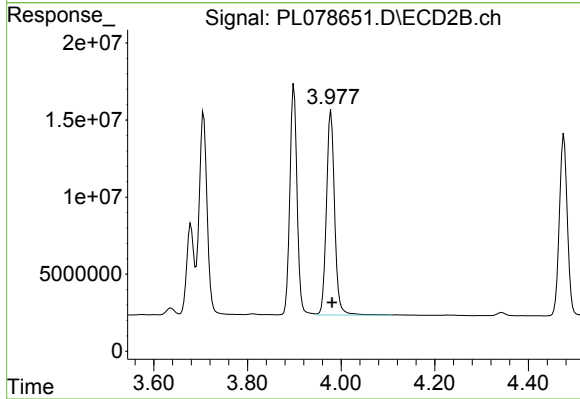
#5 Aldrin

R.T.: 5.034 min
Delta R.T.: 0.009 min
Response: 113878380
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148707BS

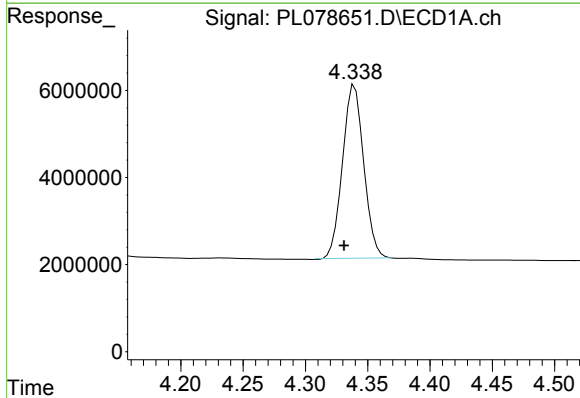
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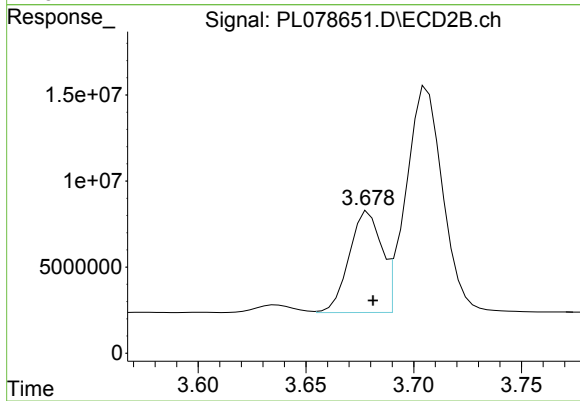
#5 Aldrin

R.T.: 3.978 min
Delta R.T.: -0.002 min
Response: 162354415
Conc: 46.36 ng/ml



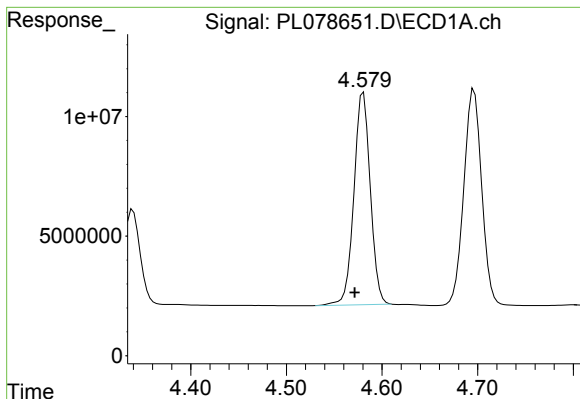
#6 beta-BHC

R.T.: 4.338 min
Delta R.T.: 0.007 min
Response: 47330007
Conc: 41.09 ng/ml m



#6 beta-BHC

R.T.: 3.679 min
Delta R.T.: -0.002 min
Response: 61075843
Conc: 42.57 ng/ml



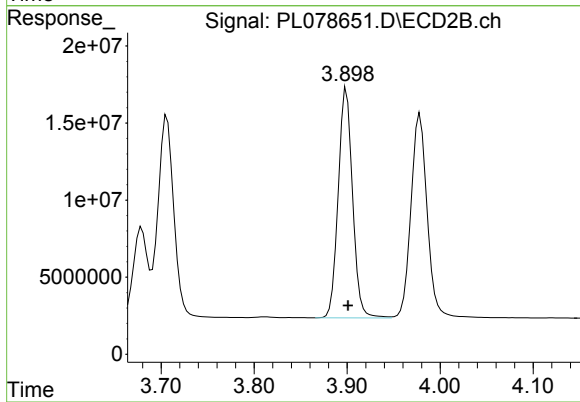
#7 delta-BHC

R.T.: 4.581 min
Delta R.T.: 0.009 min
Response: 105674645
Conc: 46.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148707BS

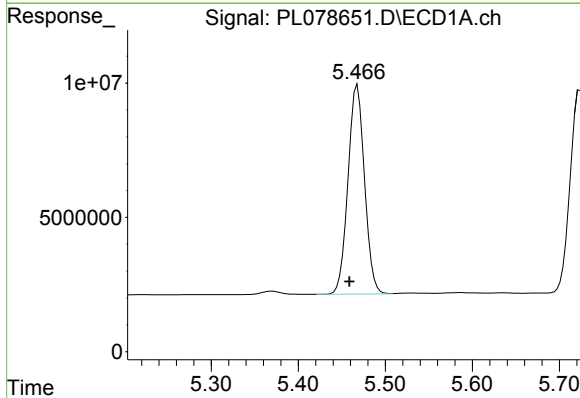
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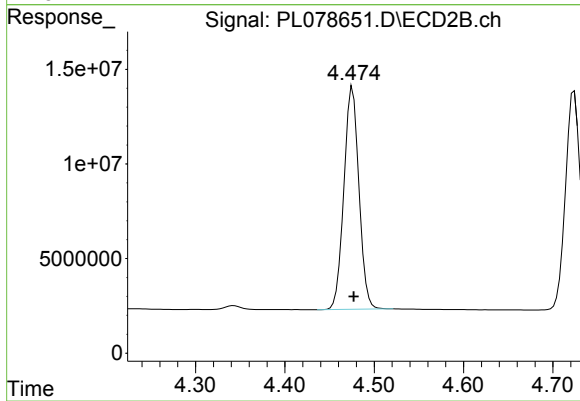
#7 delta-BHC

R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 159735337
Conc: 43.87 ng/ml



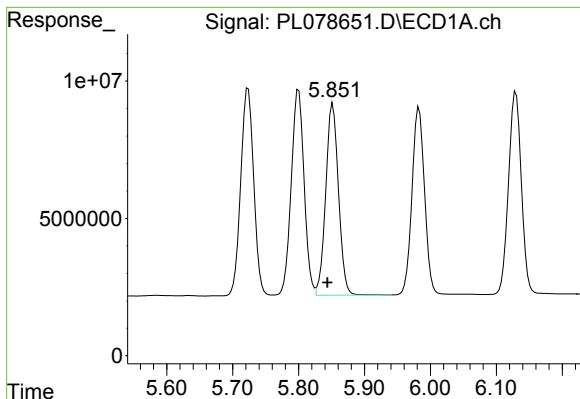
#8 Heptachlor epoxide

R.T.: 5.468 min
Delta R.T.: 0.009 min
Response: 102588635
Conc: 48.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.476 min
Delta R.T.: -0.001 min
Response: 137451407
Conc: 45.62 ng/ml



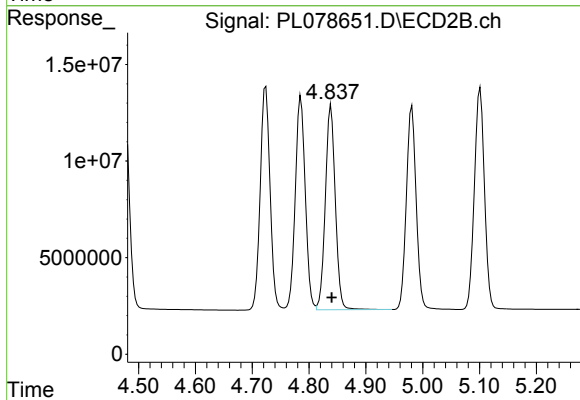
#9 Endosulfan I

R.T.: 5.852 min
Delta R.T.: 0.008 min
Response: 94018805
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148707BS

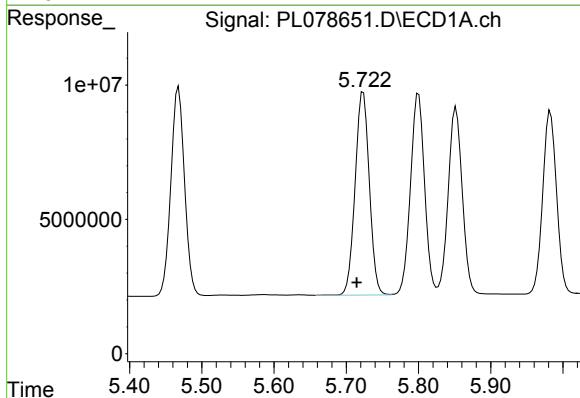
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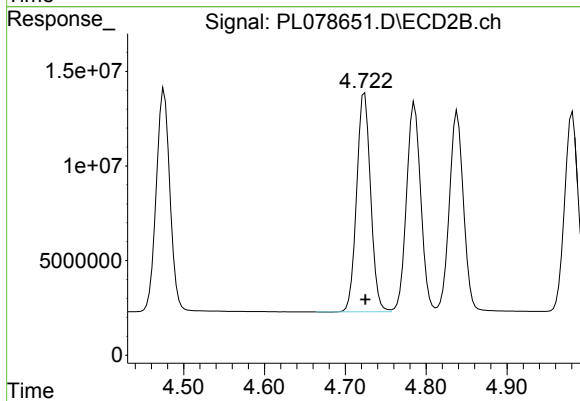
#9 Endosulfan I

R.T.: 4.839 min
Delta R.T.: -0.001 min
Response: 129433459
Conc: 45.21 ng/ml



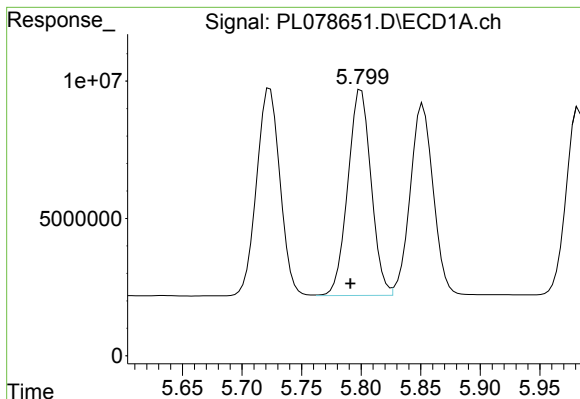
#10 gamma-Chlordane

R.T.: 5.723 min
Delta R.T.: 0.009 min
Response: 103363523
Conc: 45.79 ng/ml



#10 gamma-Chlordane

R.T.: 4.724 min
Delta R.T.: -0.001 min
Response: 138628961
Conc: 45.24 ng/ml



#11 alpha-Chlordane

R.T.: 5.800 min
Delta R.T.: 0.009 min
Response: 101931833
Conc: 44.05 ng/ml

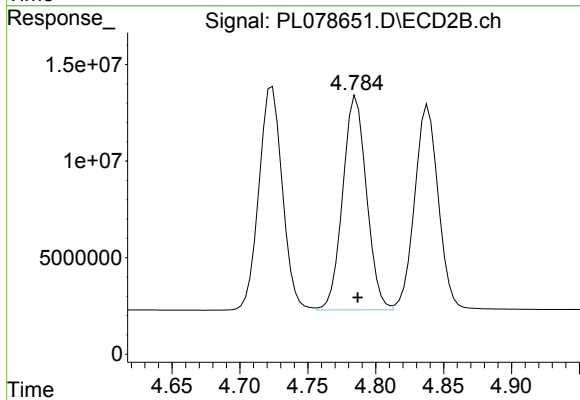
Instrument :

ECD_L

ClientSampleId :
PB148707BS

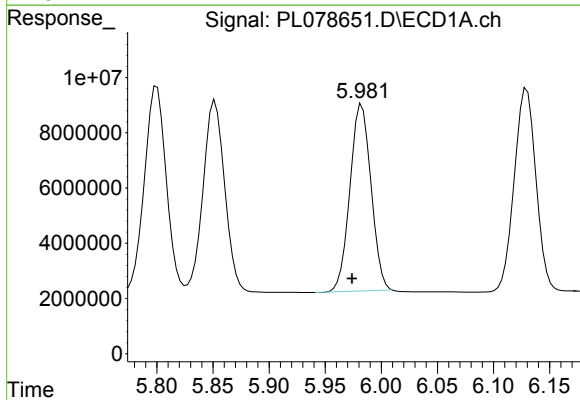
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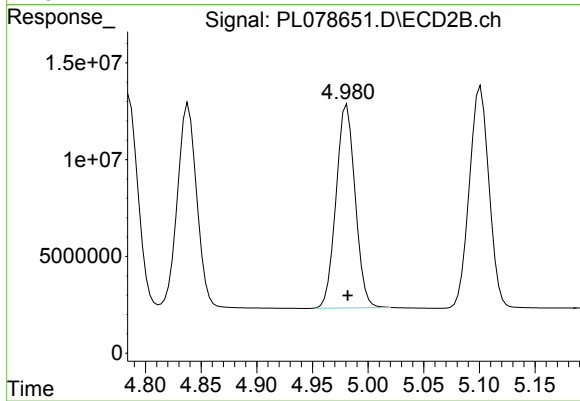
#11 alpha-Chlordane

R.T.: 4.786 min
Delta R.T.: -0.001 min
Response: 135197677
Conc: 45.36 ng/ml



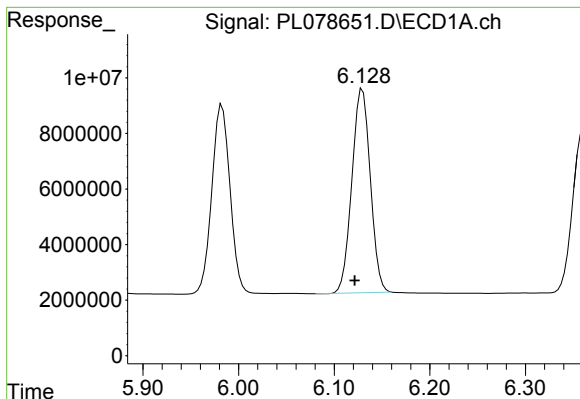
#12 4,4'-DDE

R.T.: 5.983 min
Delta R.T.: 0.009 min
Response: 88335213
Conc: 44.14 ng/ml



#12 4,4'-DDE

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 125351637
Conc: 46.04 ng/ml



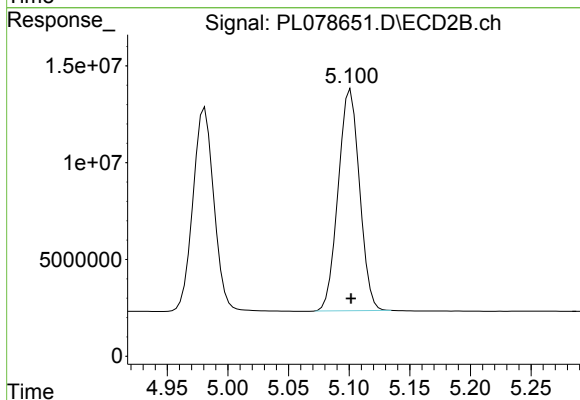
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: 0.008 min
Response: 98549529
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148707BS

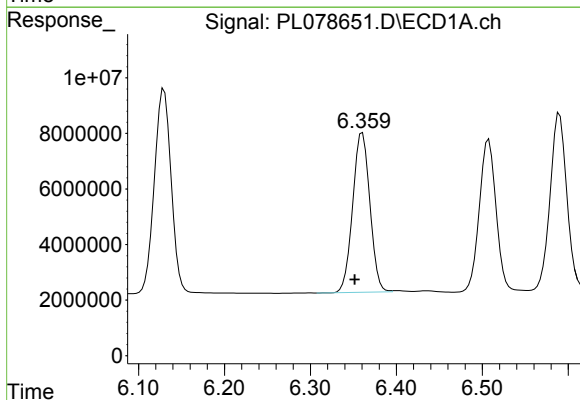
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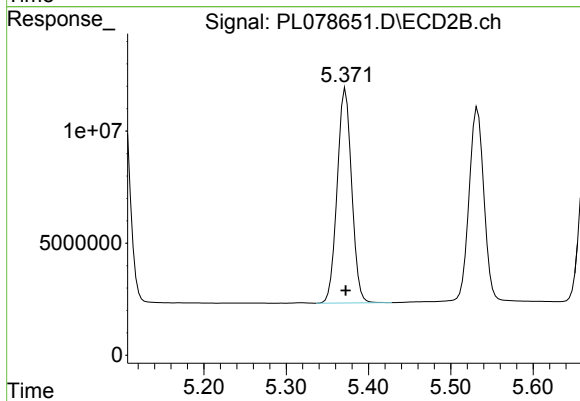
#13 Dieldrin

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 140191331
Conc: 47.31 ng/ml



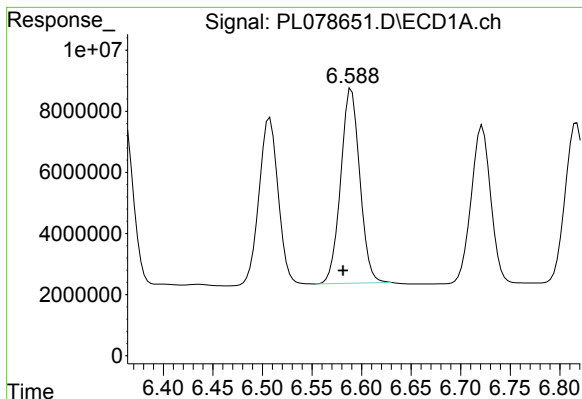
#14 Endrin

R.T.: 6.361 min
Delta R.T.: 0.009 min
Response: 79749405
Conc: 42.02 ng/ml



#14 Endrin

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 116972789
Conc: 44.90 ng/ml



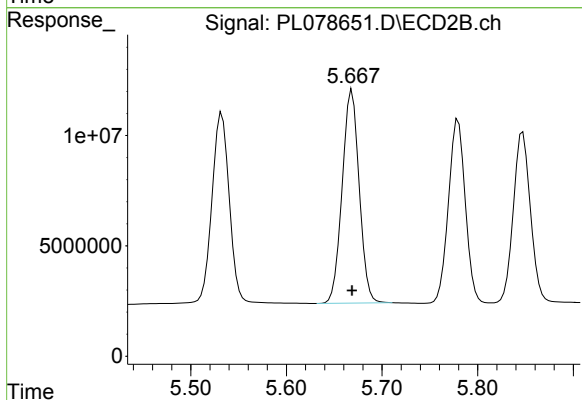
#15 Endosulfan II

R.T.: 6.588 min
Delta R.T.: 0.007 min
Response: 85396187
Conc: 45.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148707BS

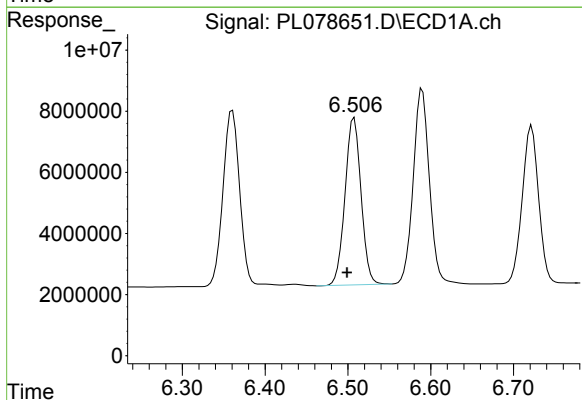
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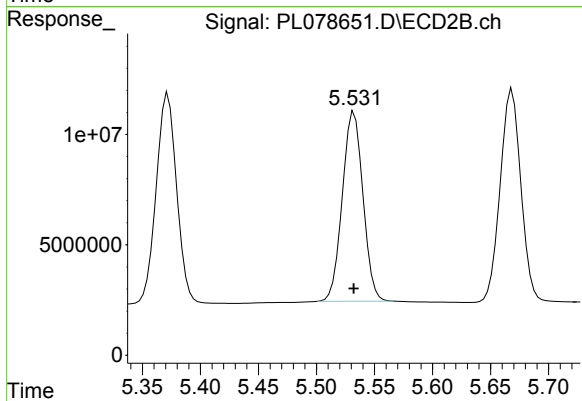
#15 Endosulfan II

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 119880768
Conc: 52.67 ng/ml



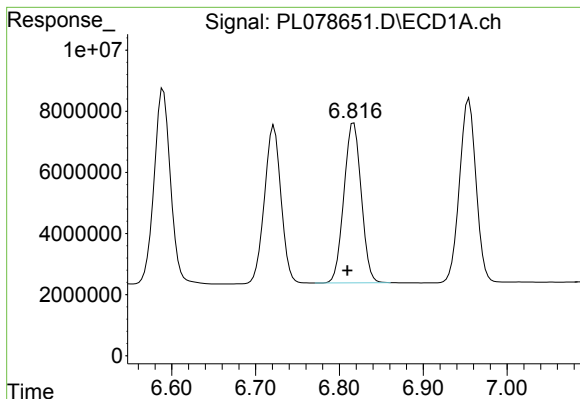
#16 4,4'-DDD

R.T.: 6.508 min
Delta R.T.: 0.009 min
Response: 73443272
Conc: 44.06 ng/ml



#16 4,4'-DDD

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 106283821
Conc: 48.39 ng/ml



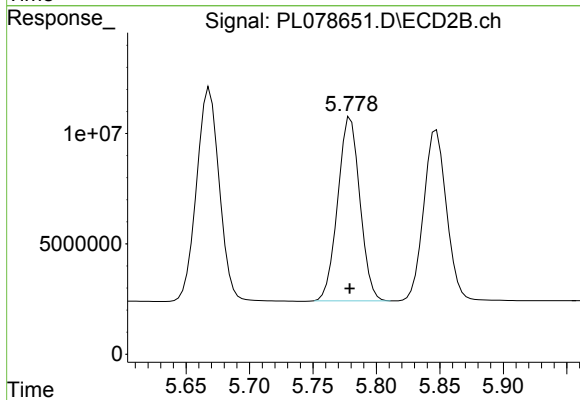
#17 4,4'-DDT

R.T.: 6.817 min
Delta R.T.: 0.008 min
Response: 75136982
Conc: 41.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148707BS

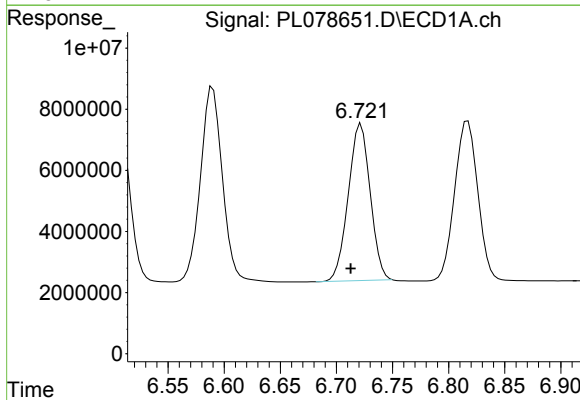
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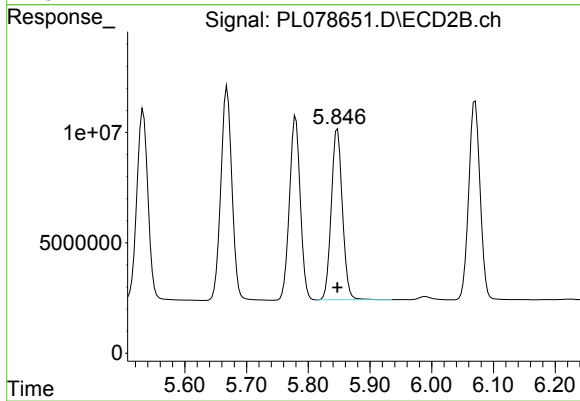
#17 4,4'-DDT

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 101209643
Conc: 46.66 ng/ml



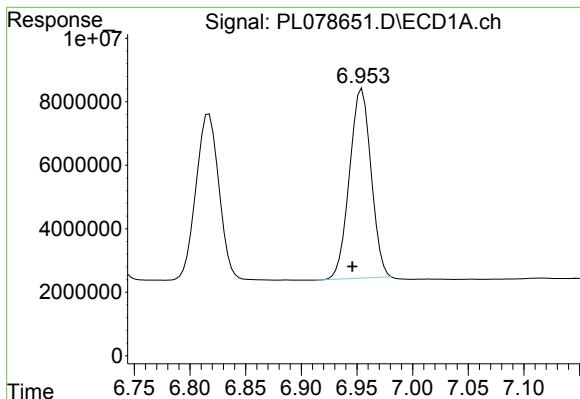
#18 Endrin aldehyde

R.T.: 6.722 min
Delta R.T.: 0.009 min
Response: 69845833
Conc: 48.00 ng/ml



#18 Endrin aldehyde

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 96962561
Conc: 51.66 ng/ml



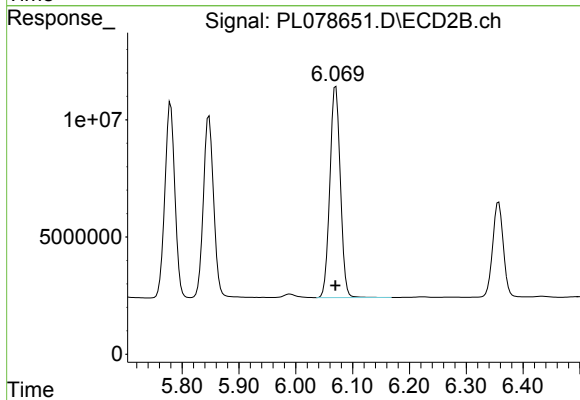
#19 Endosulfan Sulfate

R.T.: 6.955 min
Delta R.T.: 0.009 min
Response: 80663709
Conc: 43.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148707BS

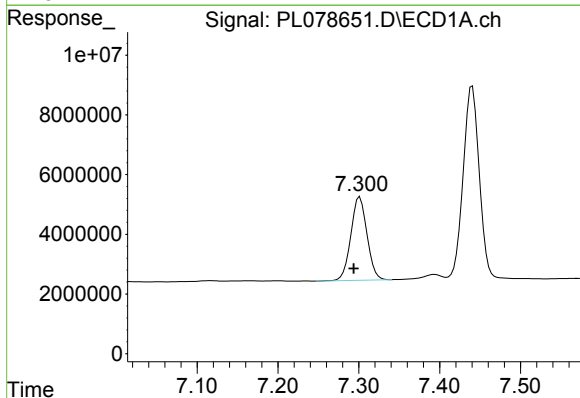
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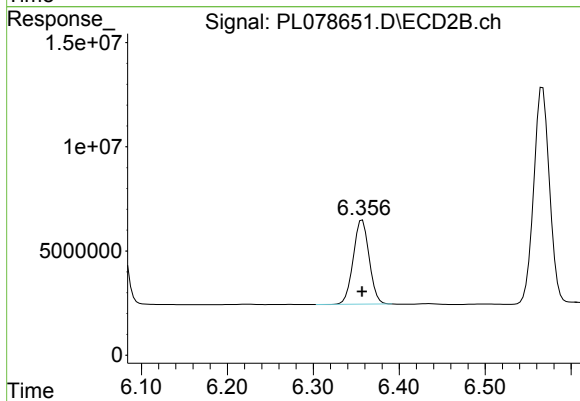
#19 Endosulfan Sulfate

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 115397481
Conc: 48.48 ng/ml



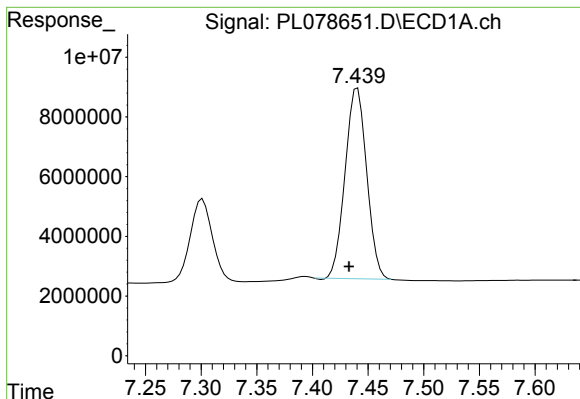
#20 Methoxychlor

R.T.: 7.301 min
Delta R.T.: 0.007 min
Response: 38801389
Conc: 42.13 ng/ml



#20 Methoxychlor

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 52065260
Conc: 45.88 ng/ml



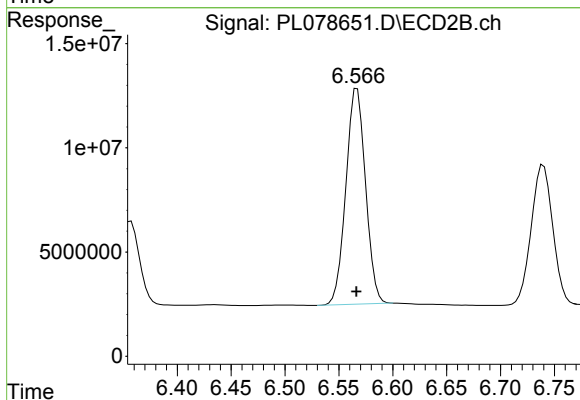
#21 Endrin ketone

R.T.: 7.440 min
Delta R.T.: 0.008 min
Response: 86207033
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148707BS

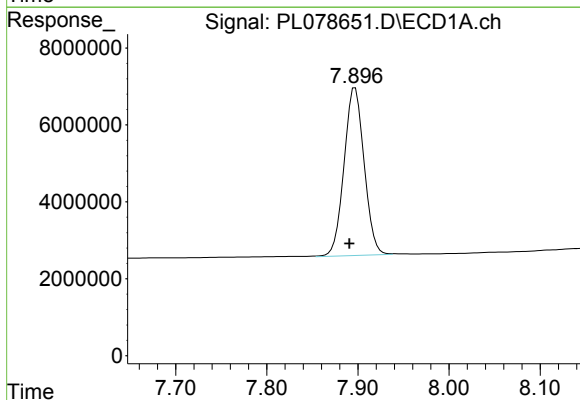
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2022
Supervised By :Ankita Jodhani 11/01/2022



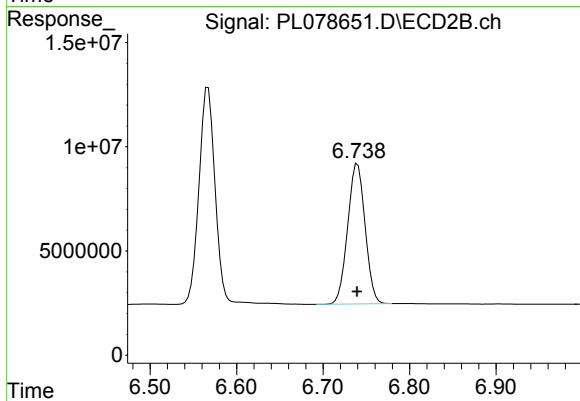
#21 Endrin ketone

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 131382896
Conc: 50.83 ng/ml



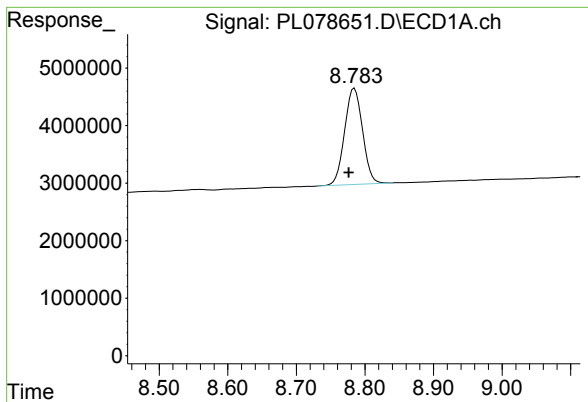
#22 Mirex

R.T.: 7.896 min
Delta R.T.: 0.005 min
Response: 66732207
Conc: 45.71 ng/ml m



#22 Mirex

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 93999102
Conc: 47.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.008 min
Response: 30393875
Conc: 20.20 ng/ml

Instrument :

ECD_L

ClientSampleId :

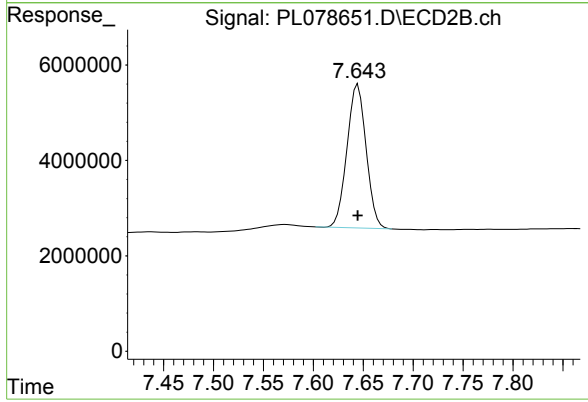
PB148707BS

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#28 Decachlorobiphenyl

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 40098001
Conc: 21.17 ng/ml