

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
 Data File : PL091316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2024 16:40
 Operator : AR\AJ
 Sample : P3717-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 02:08:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 2024
 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...	3.544	2.785	47634547	45843717	22.185	23.486
28)	SA Decachlor...	9.055	7.923	33766927	37982262	22.149	20.053
Target Compounds							
2)	A alpha-BHC	4.000	3.288	162.1E6	177.6E6	54.066	64.030
3)	MA gamma-BHC...	4.332	3.618	154.8E6	165.5E6	53.956	62.820
4)	MA Heptachlor	4.921	3.957	145.8E6	160.3E6	54.743	62.061
5)	MB Aldrin	5.262	4.237	137.5E6	148.6E6	53.263	60.446
6)	B beta-BHC	4.528	3.916	75608330	70795912	55.908	60.146
7)	B delta-BHC	4.775	4.145	147.4E6	155.4E6	54.126	61.325
8)	B Heptachlo...	5.688	4.739	128.1E6	136.8E6	52.360	60.660
9)	A Endosulfan I	6.073	5.109	118.5E6	127.3E6	52.789	60.327
10)	B gamma-Chl...	5.944	4.989	125.7E6	143.2E6	52.005	60.596
11)	B alpha-Chl...	6.022	5.053	126.4E6	141.6E6	52.497	60.208
12)	B 4,4'-DDE	6.195	5.242	112.5E6	127.6E6	53.757	61.087
13)	MA Dieldrin	6.348	5.373	123.1E6	136.5E6	52.287	59.949
14)	MA Endrin	6.576	5.649	107.7E6	126.7E6	55.547m	62.186
15)	B Endosulfa...	6.797	5.943	105.5E6	116.2E6	52.156	60.054
16)	A 4,4'-DDD	6.712	5.797	93991603	102.9E6	62.189	62.330
17)	MA 4,4'-DDT	7.026	6.047	98487203	108.9E6	55.483	61.326
18)	B Endrin al...	6.925	6.122	80231048	85968171	50.257	55.190
19)	B Endosulfa...	7.160	6.345	103.3E6	109.0E6	53.827	56.526
20)	A Methoxychlor	7.501	6.622	54560871	56397279	58.027	56.796
21)	B Endrin ke...	7.645	6.850	109.0E6	122.9E6	51.914	56.409
22)	Mirex	8.119	7.030	86364283	101.4E6	50.768	54.308m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
Data File : PL091316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2024 16:40
Operator : AR\AJ
Sample : P3717-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

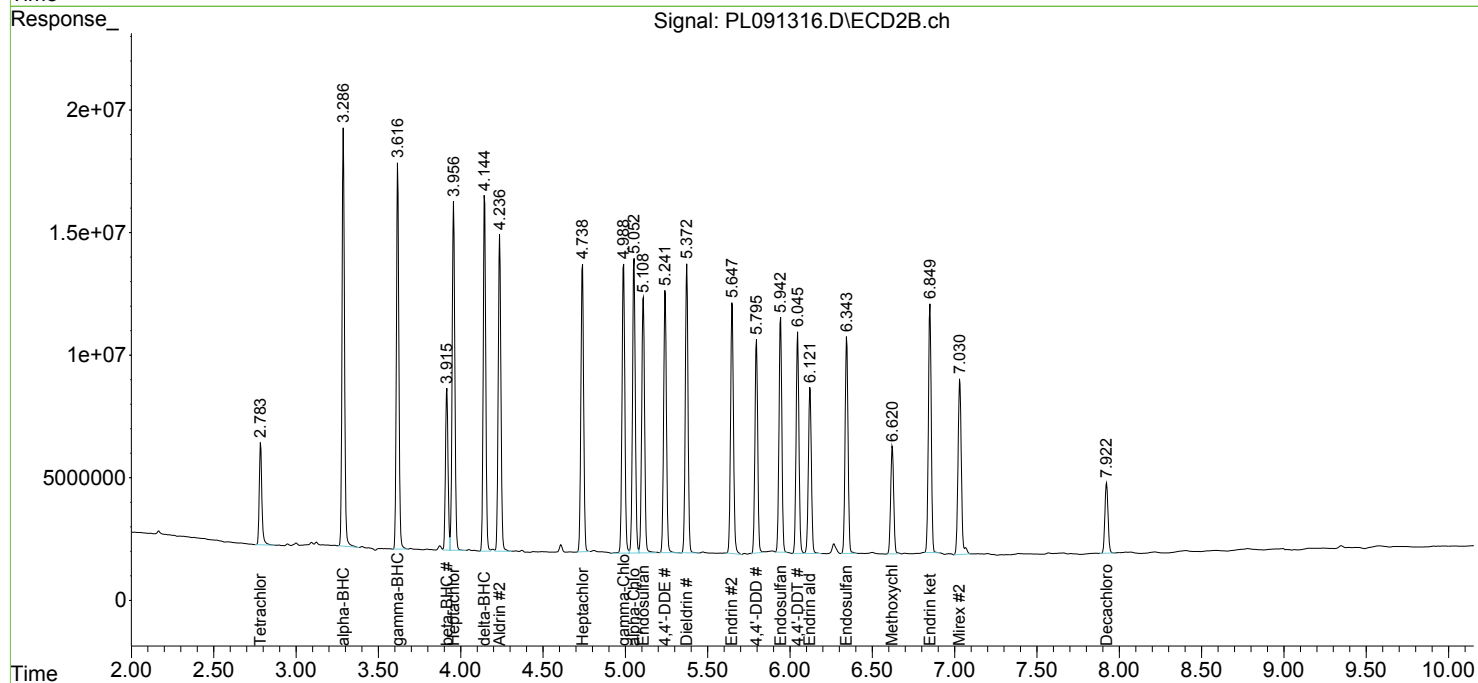
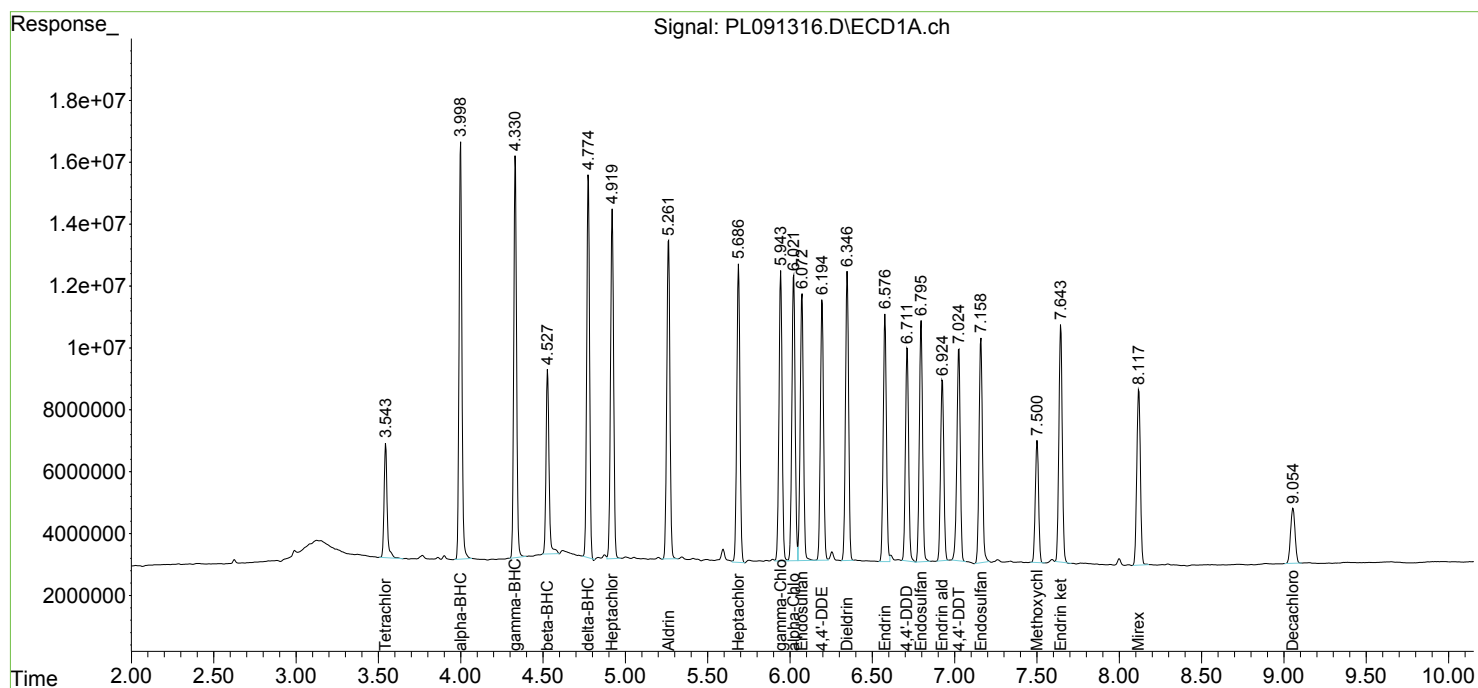
Instrument :
ECD_L
ClientSampleId :
TP-1MSD

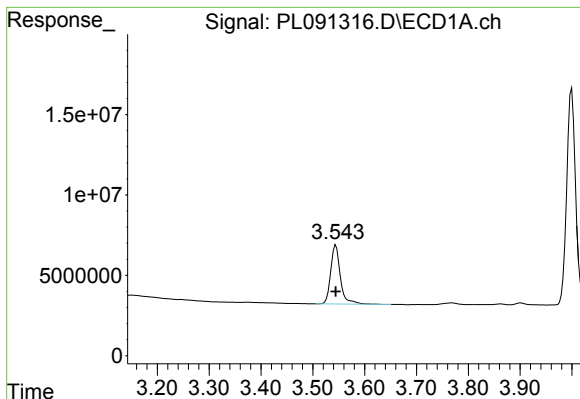
Manual Integrations
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Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 02:08:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 2024
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





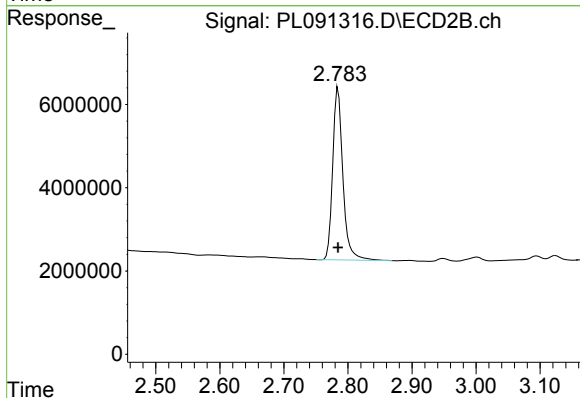
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 47634547
Conc: 22.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

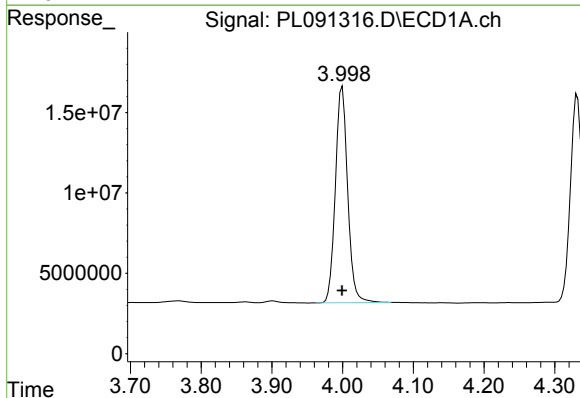
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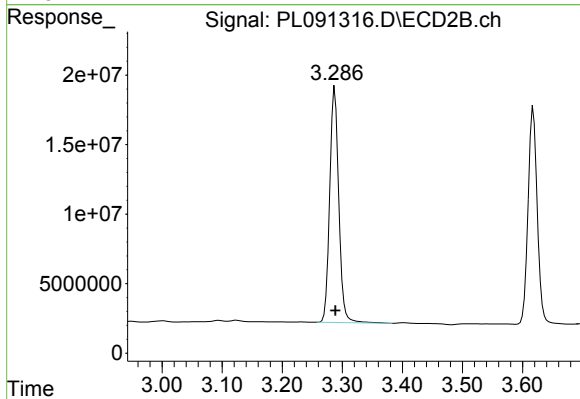
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 45843717
Conc: 23.49 ng/ml



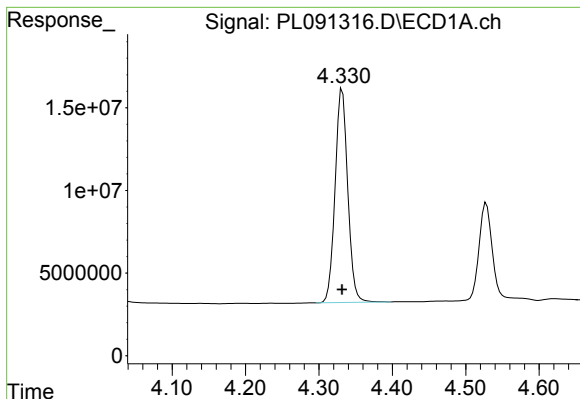
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 162078472
Conc: 54.07 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 177583296
Conc: 64.03 ng/ml



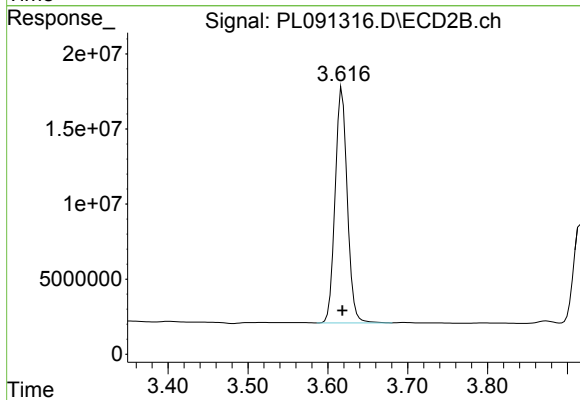
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 154781638
Conc: 53.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

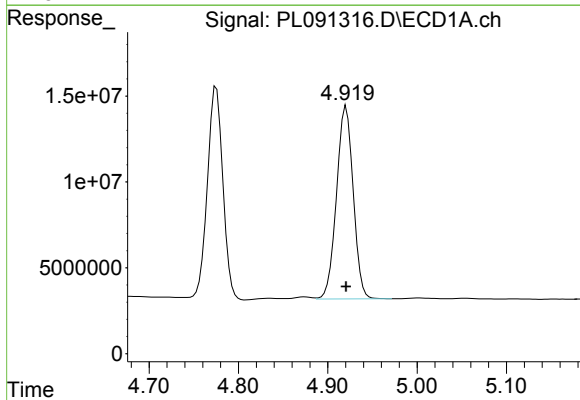
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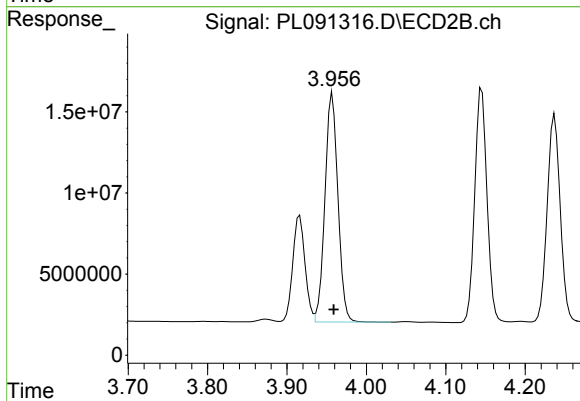
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: 0.000 min
Response: 165463179
Conc: 62.82 ng/ml



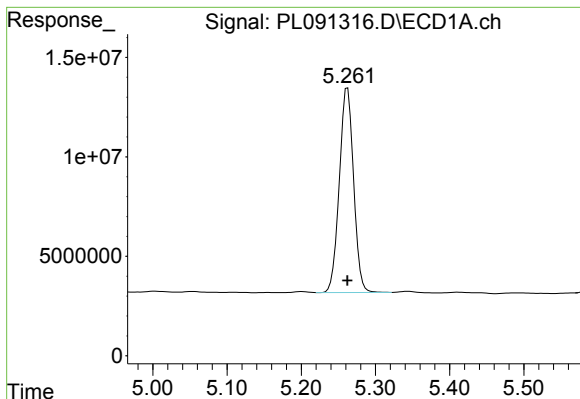
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 145781603
Conc: 54.74 ng/ml



#4 Heptachlor

R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 160285628
Conc: 62.06 ng/ml



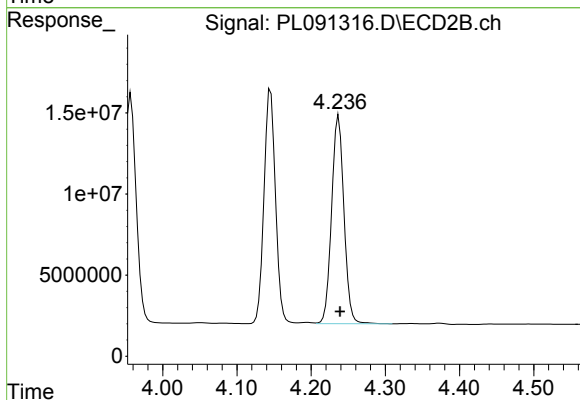
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 137463751
Conc: 53.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

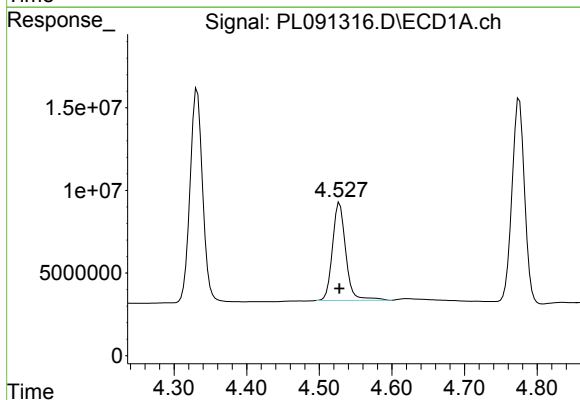
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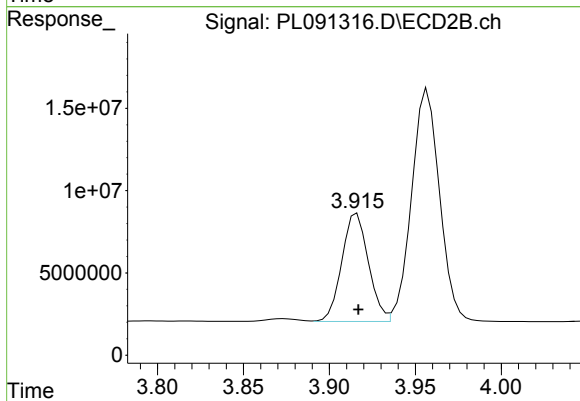
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: -0.002 min
Response: 148646750
Conc: 60.45 ng/ml



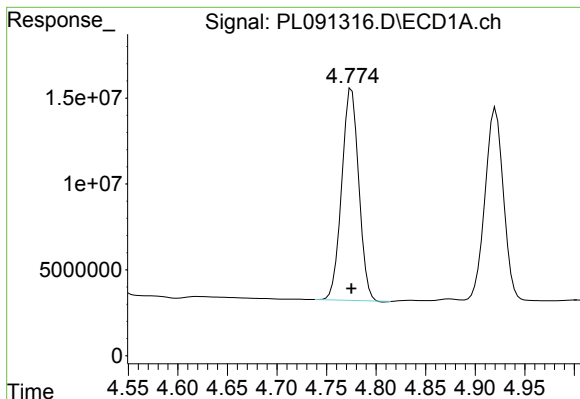
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 75608330
Conc: 55.91 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 70795912
Conc: 60.15 ng/ml



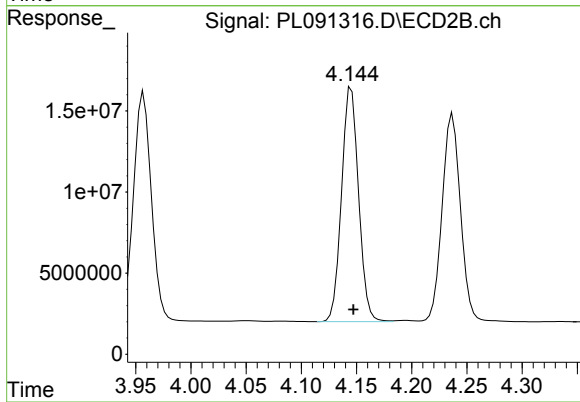
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 147358141
Conc: 54.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

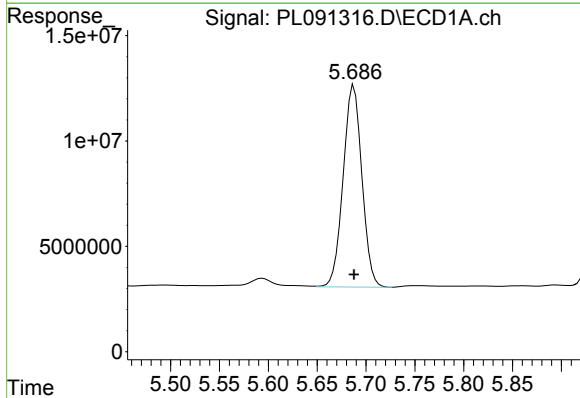
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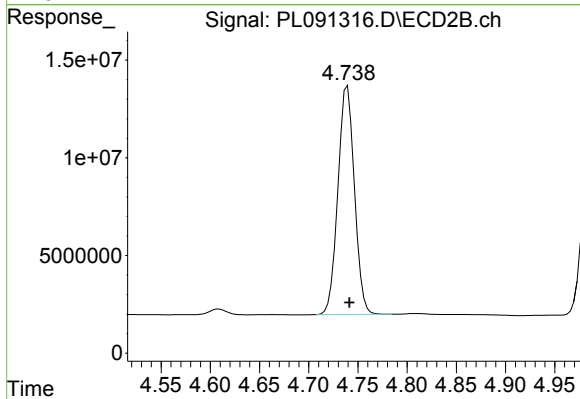
#7 delta-BHC

R.T.: 4.145 min
Delta R.T.: -0.002 min
Response: 155411562
Conc: 61.33 ng/ml



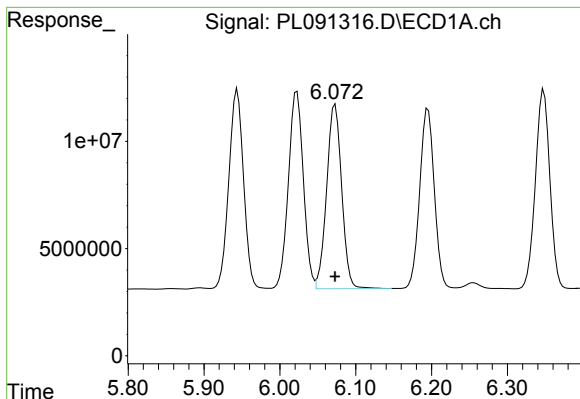
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 128101462
Conc: 52.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.739 min
Delta R.T.: -0.002 min
Response: 136778165
Conc: 60.66 ng/ml



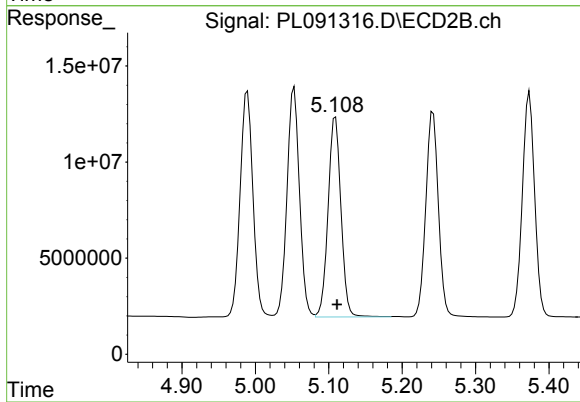
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 118528472
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

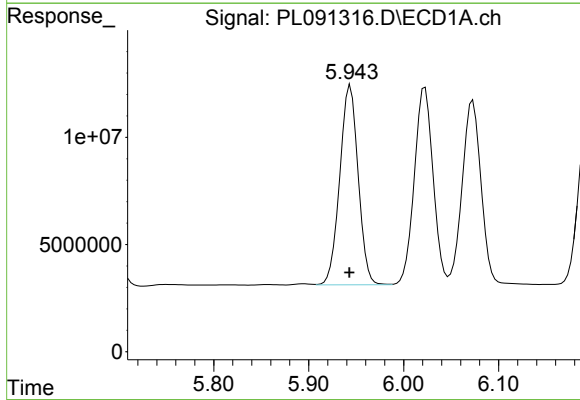
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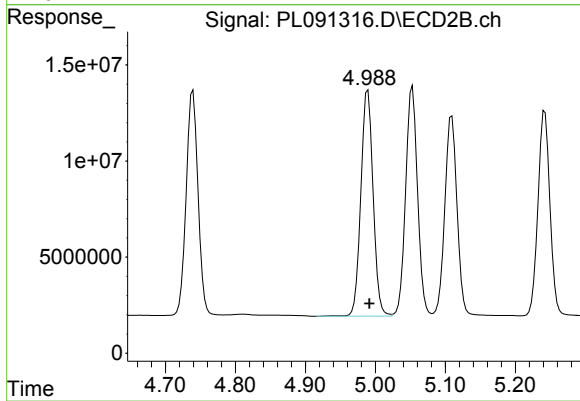
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 127300429
Conc: 60.33 ng/ml



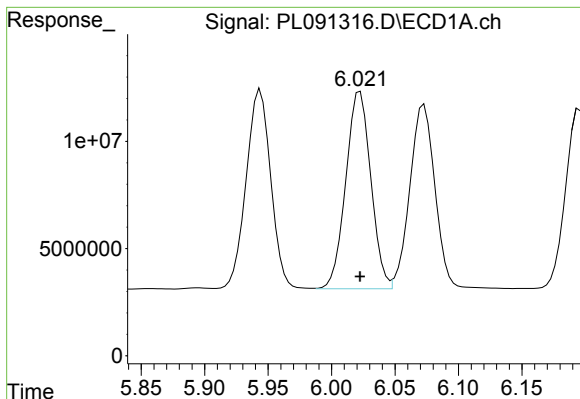
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 125665432
Conc: 52.00 ng/ml



#10 gamma-Chlordane

R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 143245876
Conc: 60.60 ng/ml



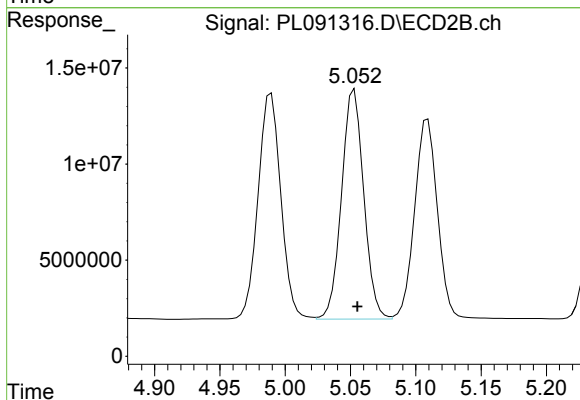
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 126397609
Conc: 52.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

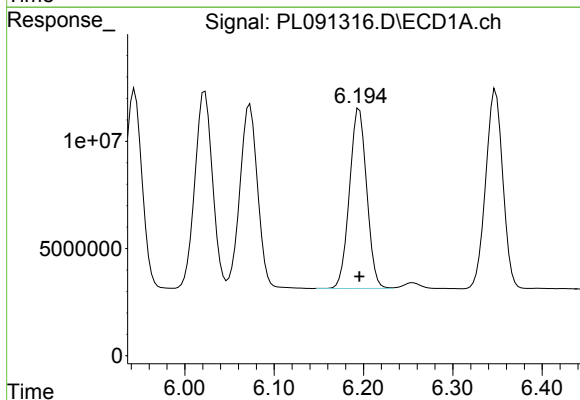
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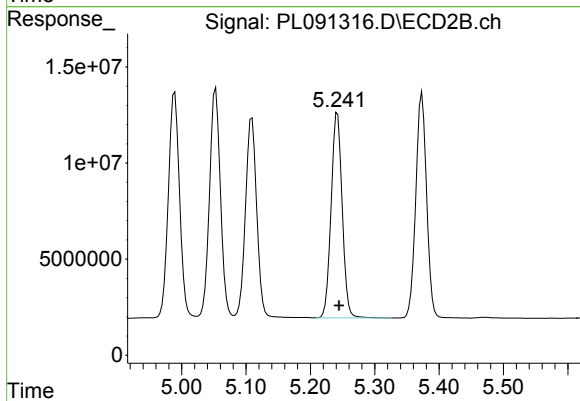
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 141642183
Conc: 60.21 ng/ml



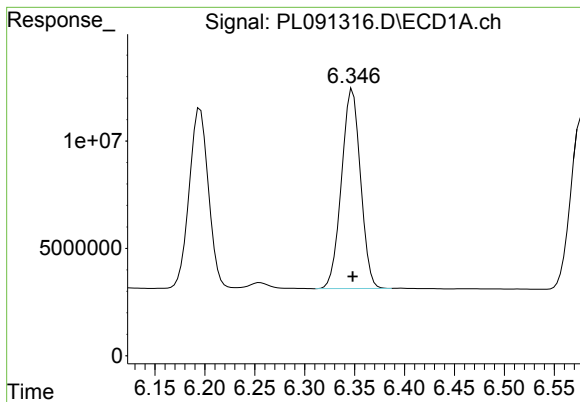
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 112465620
Conc: 53.76 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: -0.002 min
Response: 127636489
Conc: 61.09 ng/ml



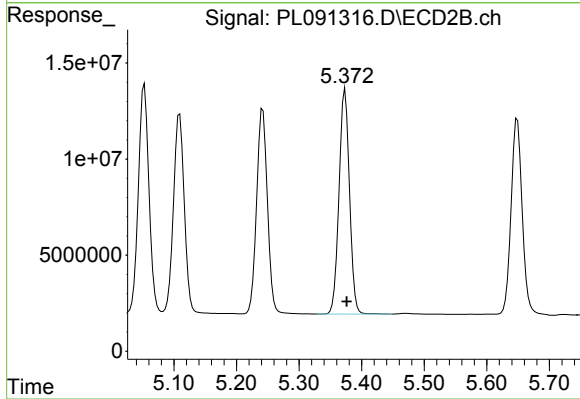
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 123148935
Conc: 52.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

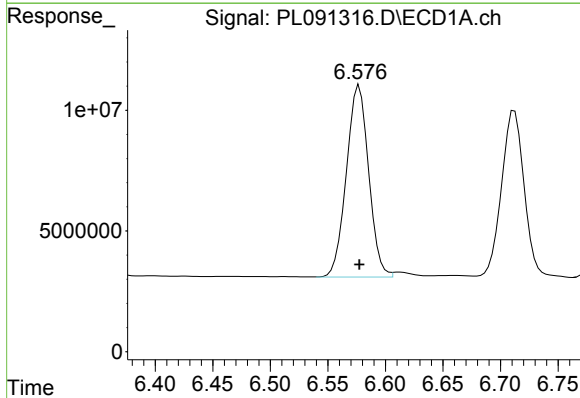
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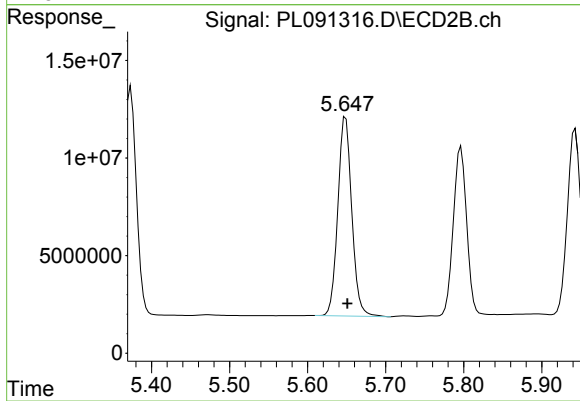
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 136535008
Conc: 59.95 ng/ml



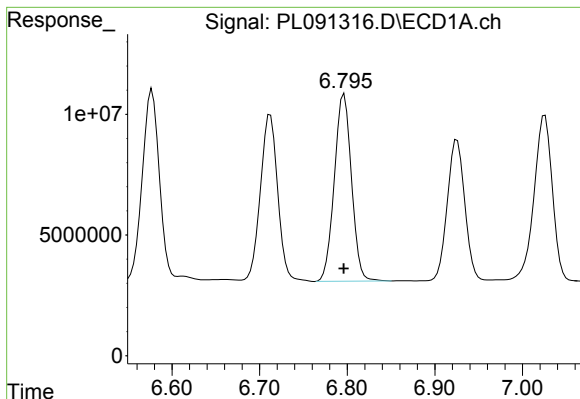
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 107718608
Conc: 55.55 ng/ml m



#14 Endrin

R.T.: 5.649 min
Delta R.T.: -0.002 min
Response: 126681526
Conc: 62.19 ng/ml



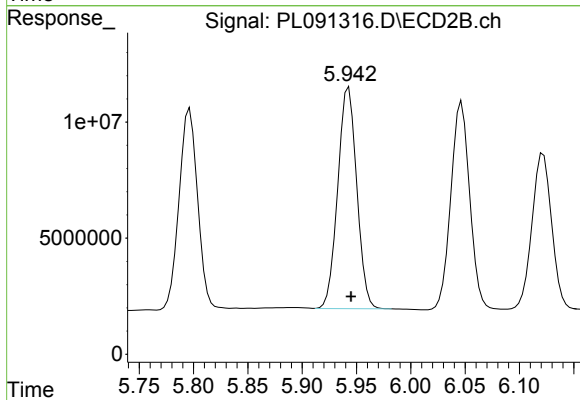
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 105545662
Conc: 52.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

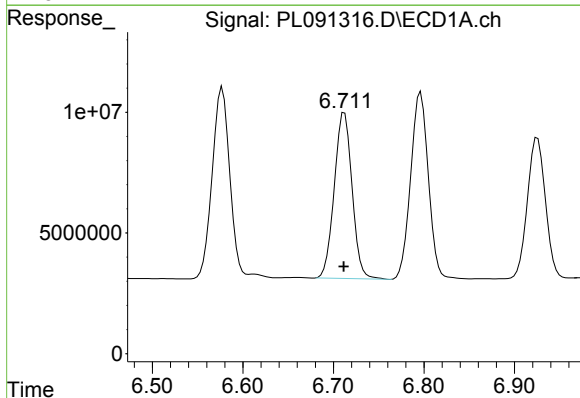
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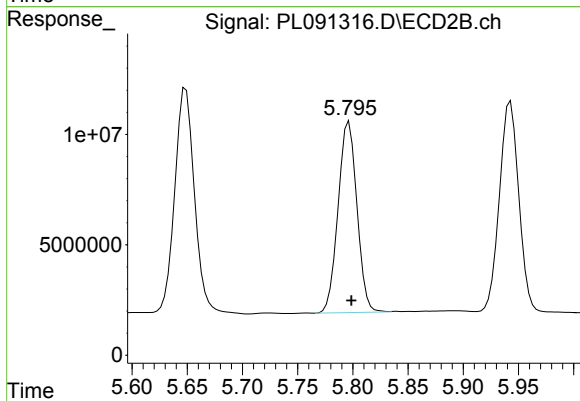
#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 116184628
Conc: 60.05 ng/ml



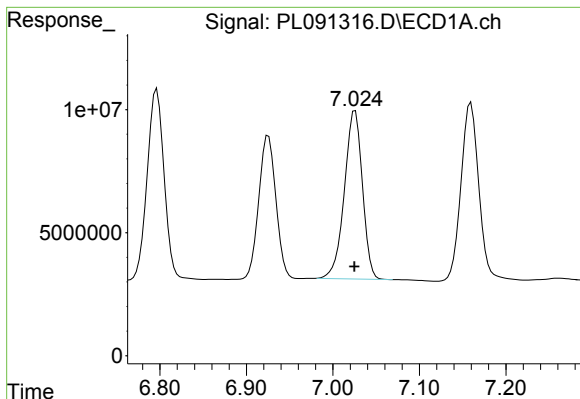
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 93991603
Conc: 62.19 ng/ml



#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 102892815
Conc: 62.33 ng/ml



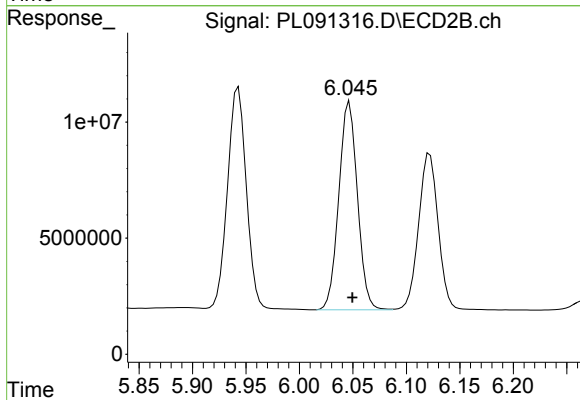
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 98487203
Conc: 55.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

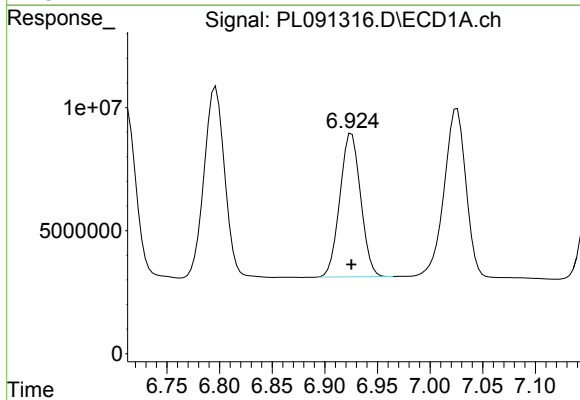
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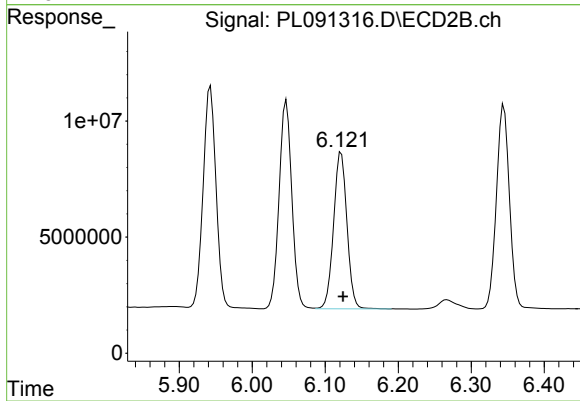
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: -0.003 min
Response: 108940585
Conc: 61.33 ng/ml



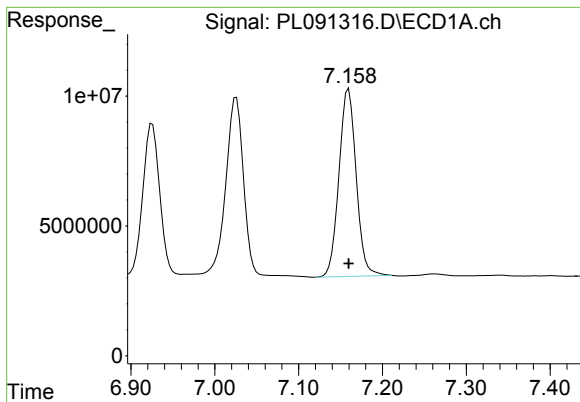
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 80231048
Conc: 50.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: -0.003 min
Response: 85968171
Conc: 55.19 ng/ml



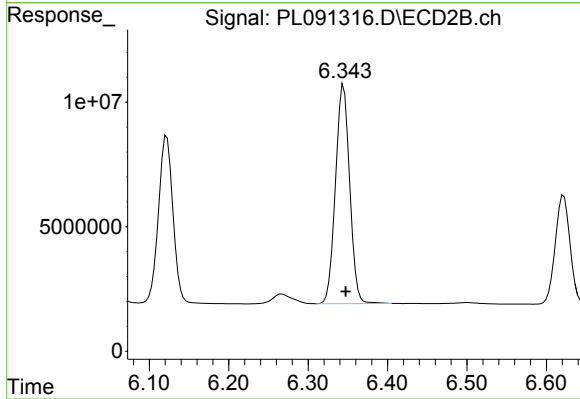
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 103275666
Conc: 53.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

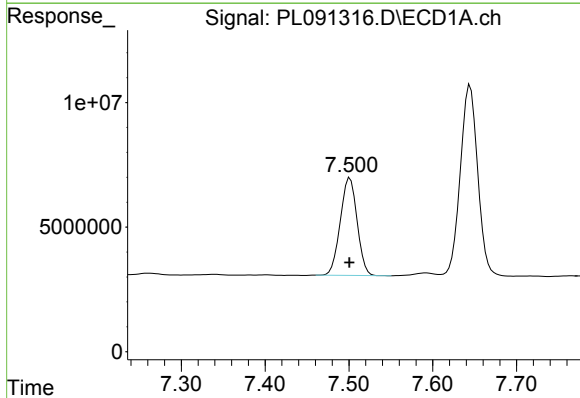
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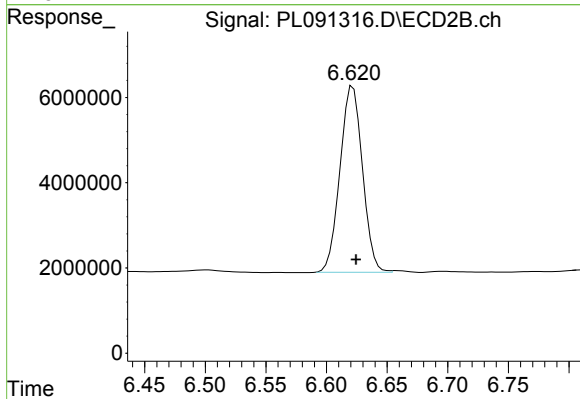
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: -0.003 min
Response: 108982957
Conc: 56.53 ng/ml



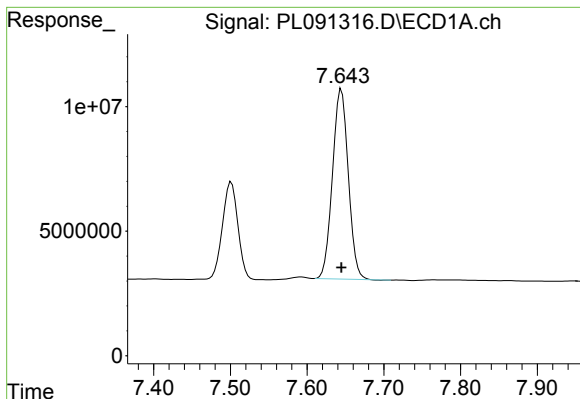
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 54560871
Conc: 58.03 ng/ml



#20 Methoxychlor

R.T.: 6.622 min
Delta R.T.: -0.003 min
Response: 56397279
Conc: 56.80 ng/ml



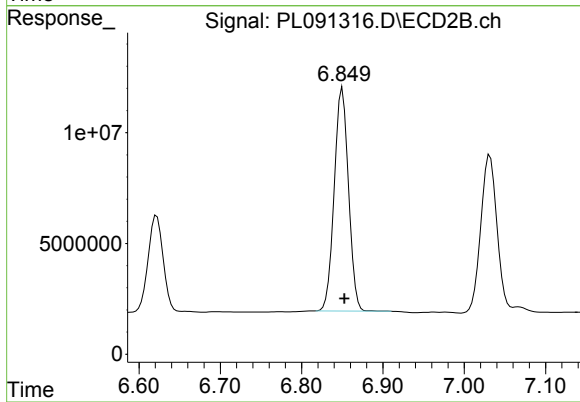
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 109004176
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

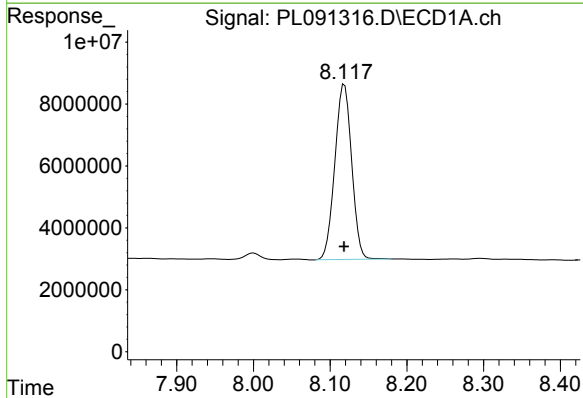
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



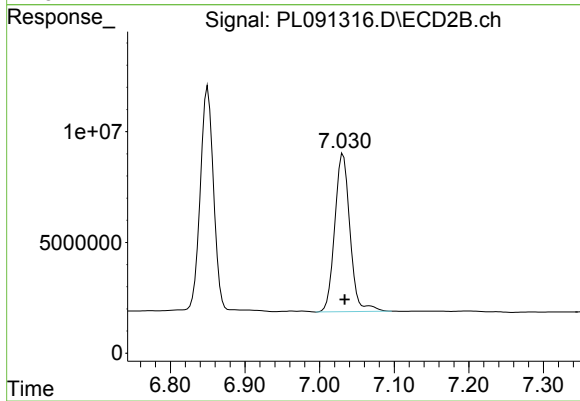
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.002 min
Response: 122855853
Conc: 56.41 ng/ml



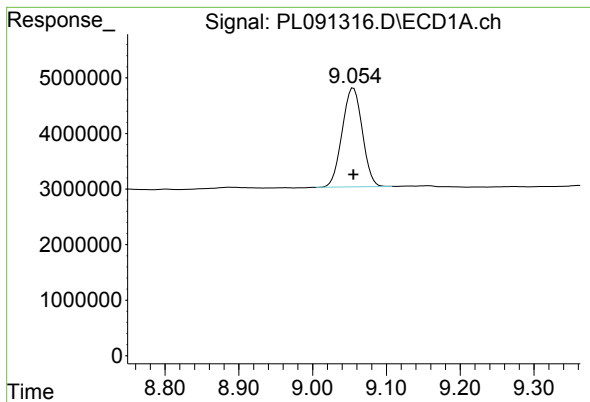
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 86364283
Conc: 50.77 ng/ml



#22 Mirex

R.T.: 7.030 min
Delta R.T.: -0.004 min
Response: 101362299
Conc: 54.31 ng/ml m



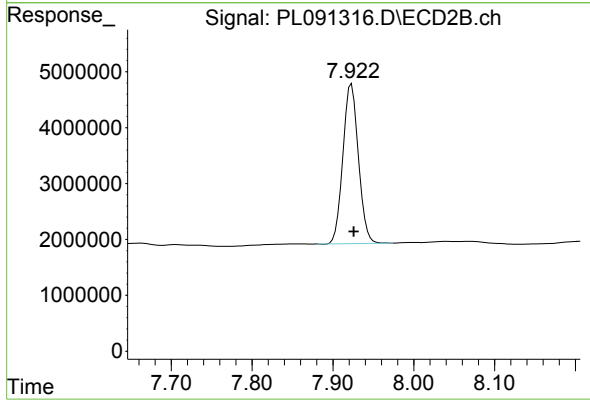
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 33766927
Conc: 22.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.003 min
Response: 37982262
Conc: 20.05 ng/ml