

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082824\
 Data File : PL091392.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2024 15:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/29/2024
 Supervised By :Ankita Jodhani 08/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 01:53:53 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...	3.545	2.785	102.5E6	108.9E6	47.721	55.793
28)	SA Decachlor...	9.059	7.926	76897800	98955679	50.440	52.244
Target Compounds							
2)	A alpha-BHC	4.001	3.288	145.5E6	157.2E6	48.520	56.693
3)	MA gamma-BHC...	4.334	3.618	139.1E6	147.3E6	48.479	55.910
4)	MA Heptachlor	4.923	3.958	127.4E6	141.6E6	47.828	54.812
5)	MB Aldrin	5.264	4.239	123.0E6	133.3E6	47.653	54.196
6)	B beta-BHC	4.530	3.917	66278702	64748401	49.010	55.008
7)	B delta-BHC	4.778	4.147	139.8E6	150.8E6	51.338	59.490
8)	B Heptachlo...	5.690	4.741	114.2E6	120.7E6	46.667	53.527
9)	A Endosulfan I	6.076	5.111	106.1E6	112.5E6	47.257	53.308
10)	B gamma-Chl...	5.946	4.991	114.6E6	125.7E6	47.414	53.171
11)	B alpha-Chl...	6.025	5.055	113.6E6	124.5E6	47.172	52.917
12)	B 4,4'-DDE	6.198	5.244	101.1E6	114.0E6	48.317	54.539
13)	MA Dieldrin	6.350	5.375	112.4E6	121.6E6	47.731	53.405
14)	MA Endrin	6.579	5.651	96917830	109.2E6	49.977m	53.582
15)	B Endosulfa...	6.799	5.945	101.9E6	107.0E6	50.376	55.311
16)	A 4,4'-DDD	6.715	5.799	84274716	90970402	55.760	55.107
17)	MA 4,4'-DDT	7.029	6.049	89186816	97323026	50.244	54.787
18)	B Endrin al...	6.929	6.124	74114853	78747400	46.426	50.554
19)	B Endosulfa...	7.163	6.347	93547900	103.6E6	48.757	53.712
20)	A Methoxychlor	7.504	6.624	48810490	53243148	51.912	53.619
21)	B Endrin ke...	7.648	6.853	101.8E6	116.8E6	48.480	53.642
22)	Mirex	8.122	7.034	79887751	93794889	46.961	50.254

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082824\
Data File : PL091392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Aug 2024 15:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

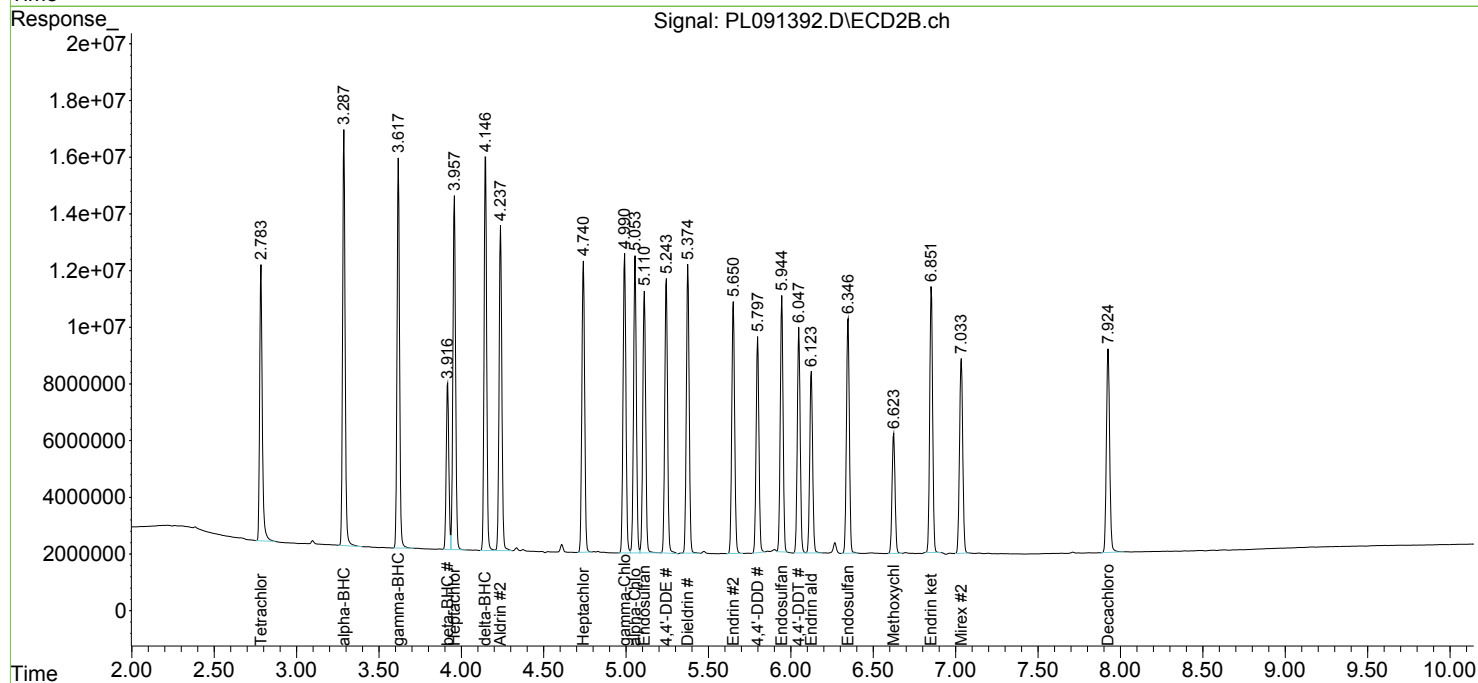
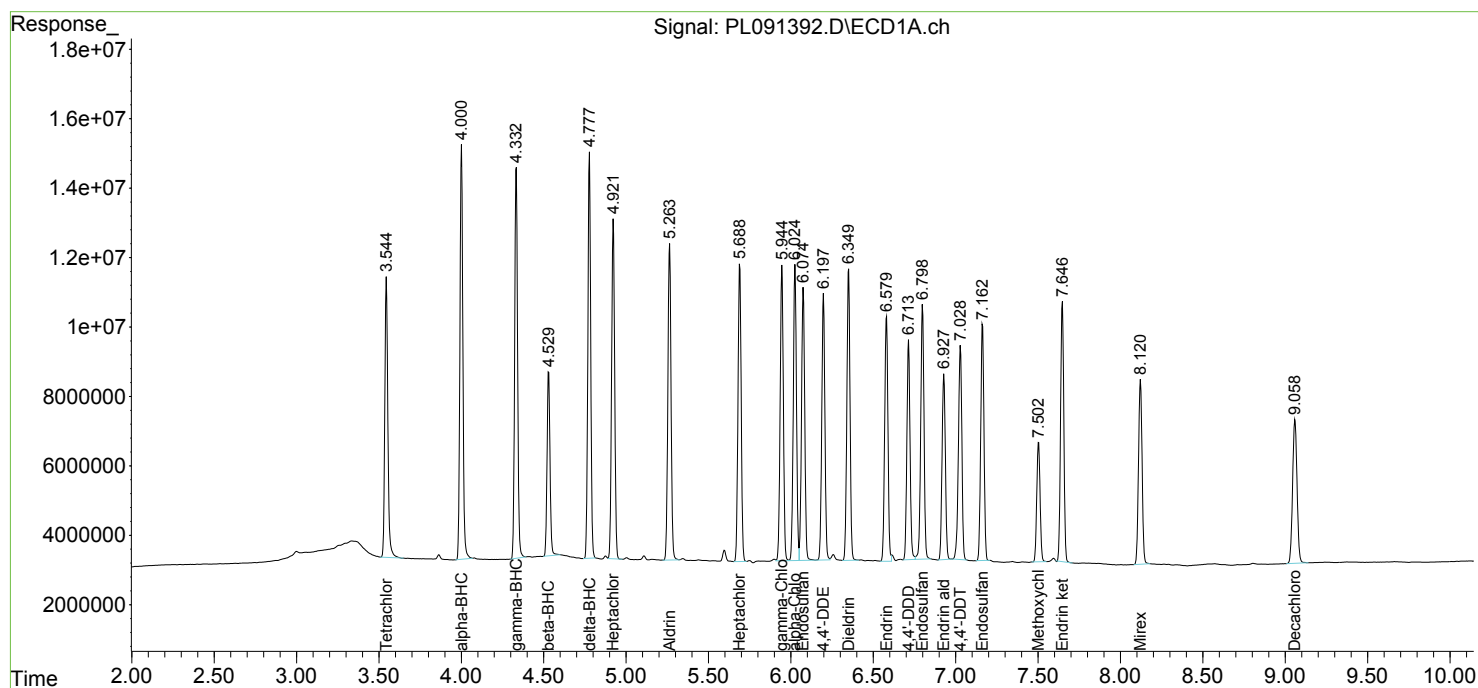
APPROVED

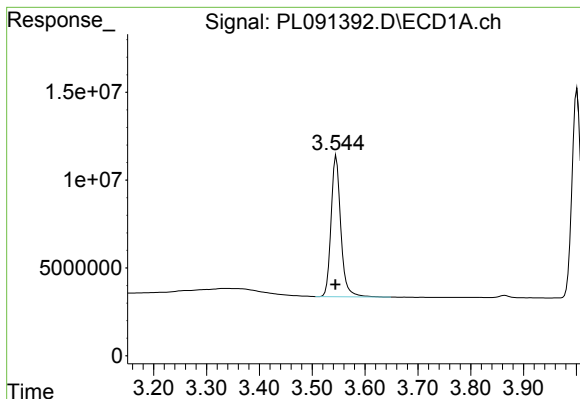
Reviewed By :Abdul Mirza 08/29/2024

Supervised By :Ankita Jodhani 08/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 29 01:53:53 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.: 3.545 min
Delta R.T.: 0.001 min
Response: 102465660
Conc: 47.72 ng/ml

Instrument :

ECD_L

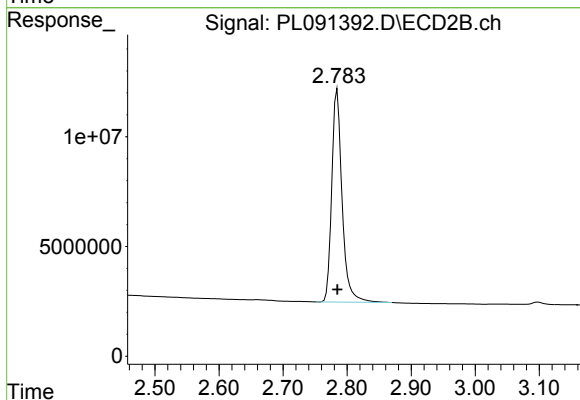
ClientSampleId :

PSTDCCC050

Manual Integrations

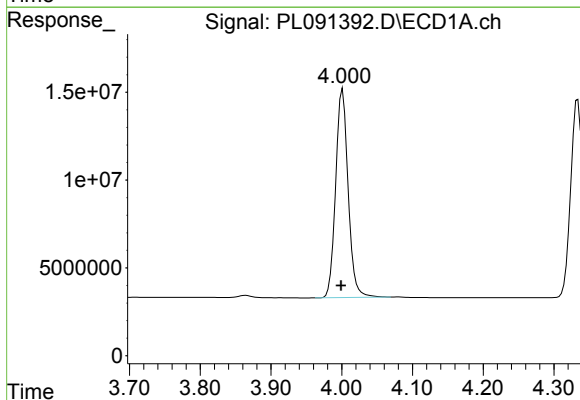
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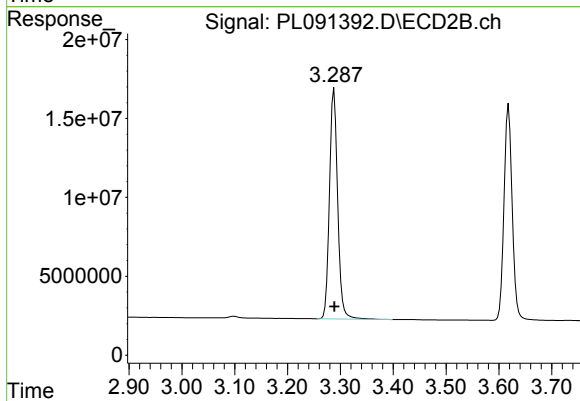
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 108907216
Conc: 55.79 ng/ml



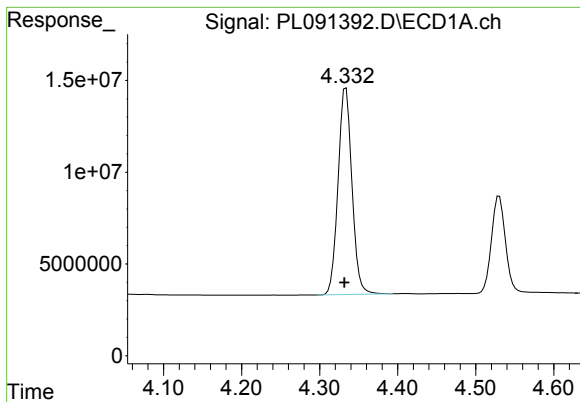
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 145453584
Conc: 48.52 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 157235040
Conc: 56.69 ng/ml



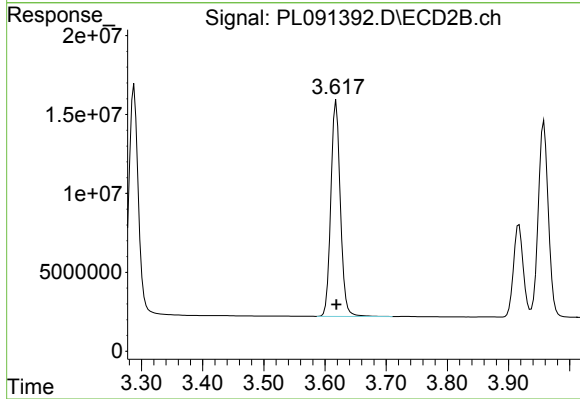
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.002 min
Response: 139068686
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

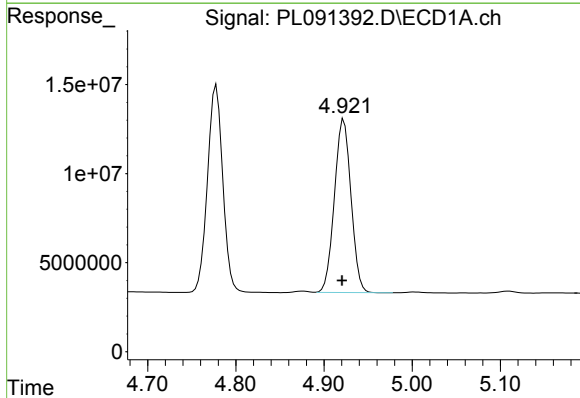
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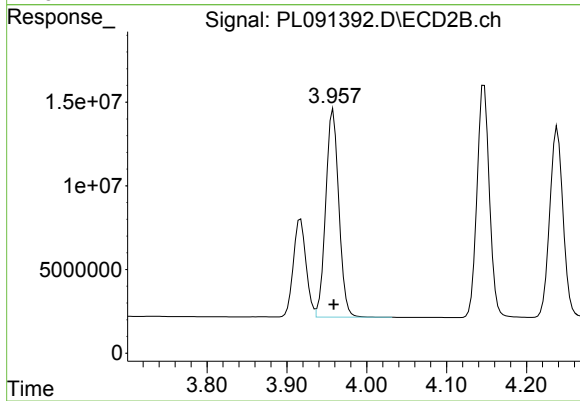
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: 0.000 min
Response: 147263065
Conc: 55.91 ng/ml



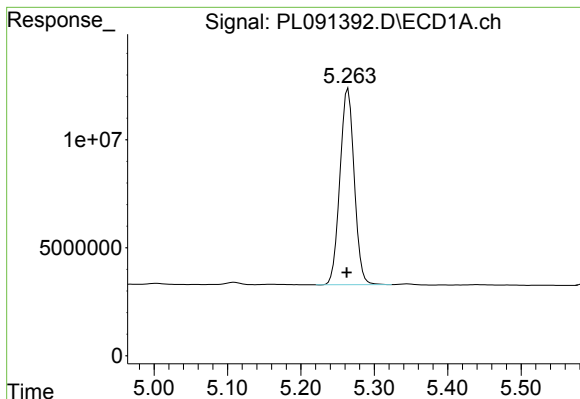
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.002 min
Response: 127365518
Conc: 47.83 ng/ml



#4 Heptachlor

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 141563089
Conc: 54.81 ng/ml



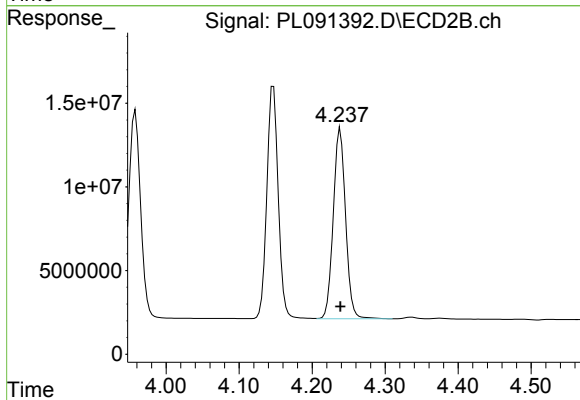
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 122986274
Conc: 47.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

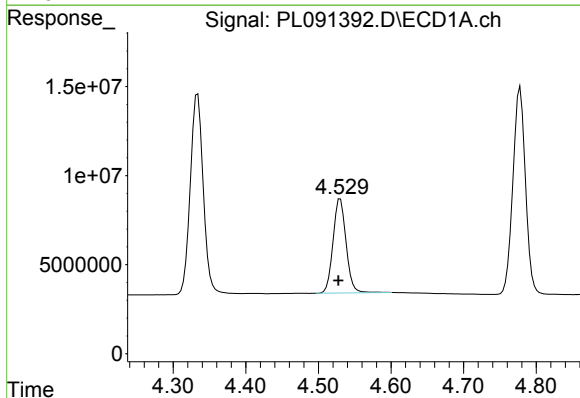
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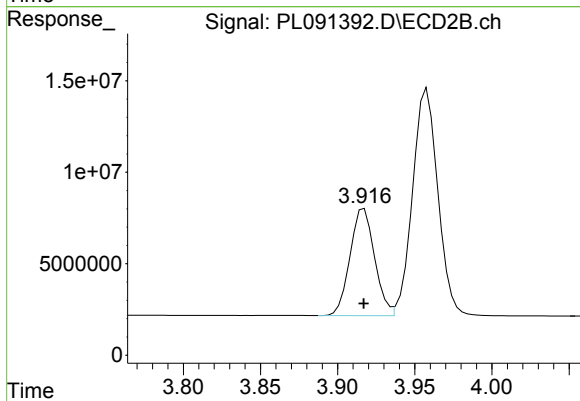
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 133277346
Conc: 54.20 ng/ml



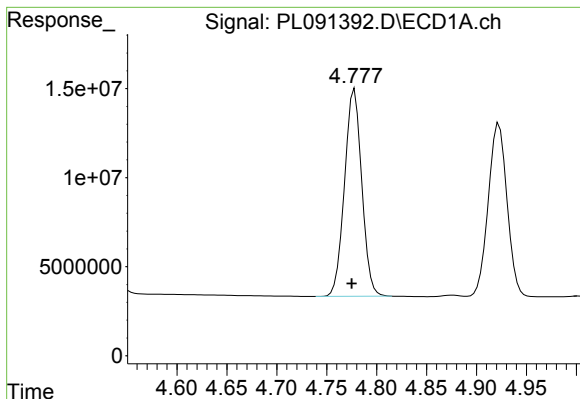
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.002 min
Response: 66278702
Conc: 49.01 ng/ml



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: 0.000 min
Response: 64748401
Conc: 55.01 ng/ml



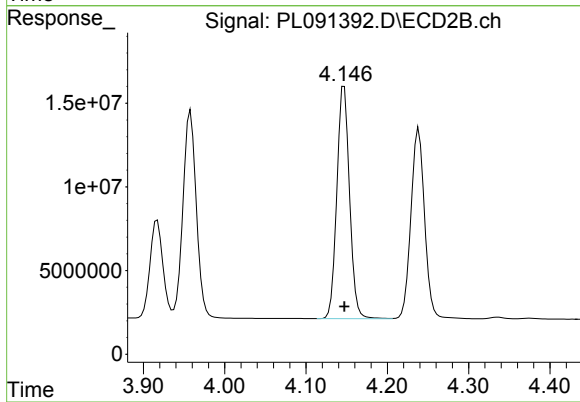
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.003 min
Response: 139768214
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

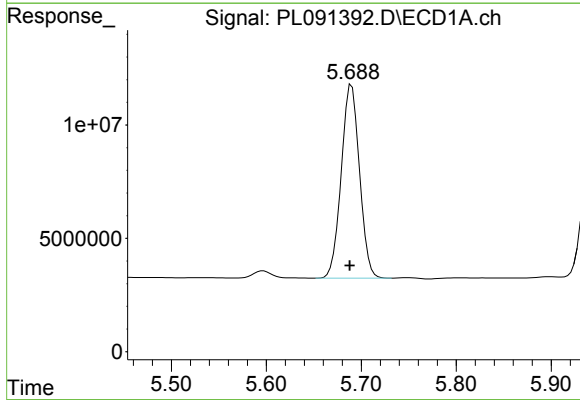
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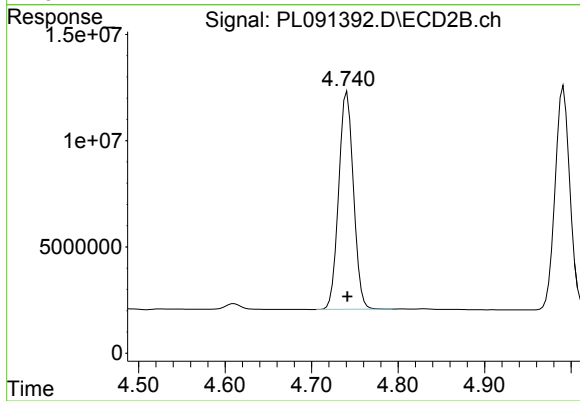
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: 0.000 min
Response: 150760067
Conc: 59.49 ng/ml



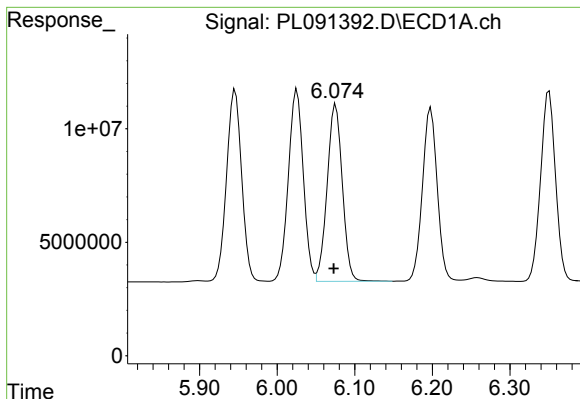
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.002 min
Response: 114172793
Conc: 46.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 120695931
Conc: 53.53 ng/ml



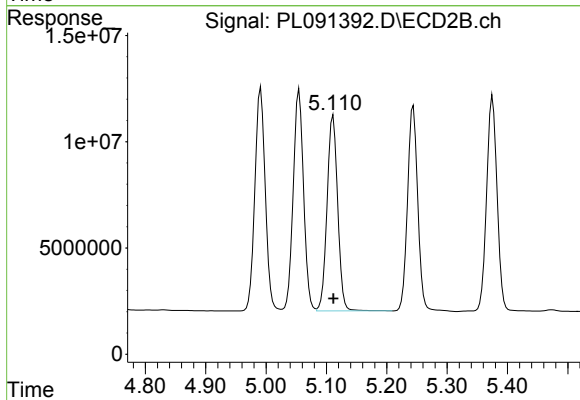
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.003 min
Response: 106107014
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

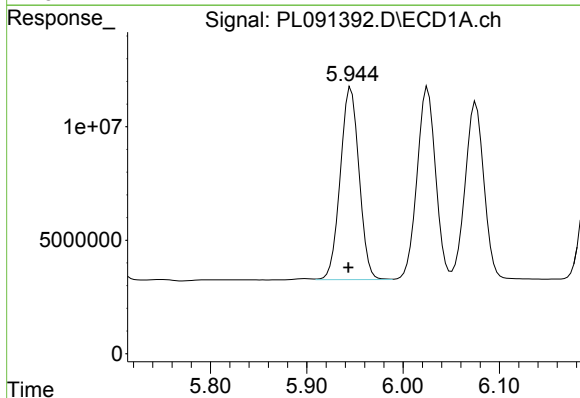
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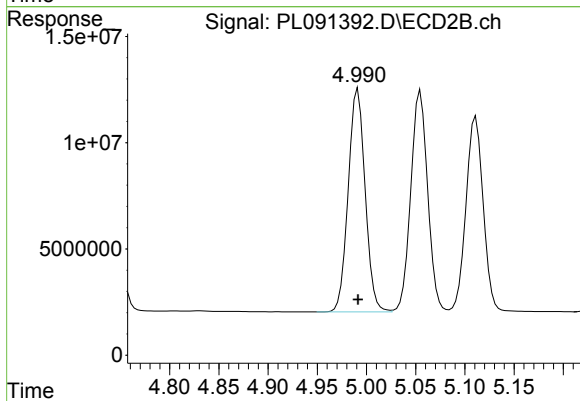
#9 Endosulfan I

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 112488080
Conc: 53.31 ng/ml



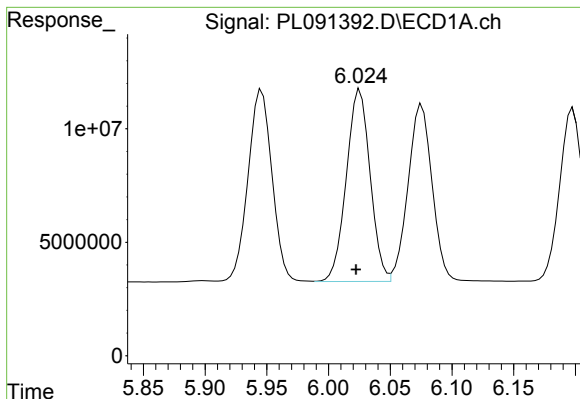
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.003 min
Response: 114571955
Conc: 47.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 125692616
Conc: 53.17 ng/ml



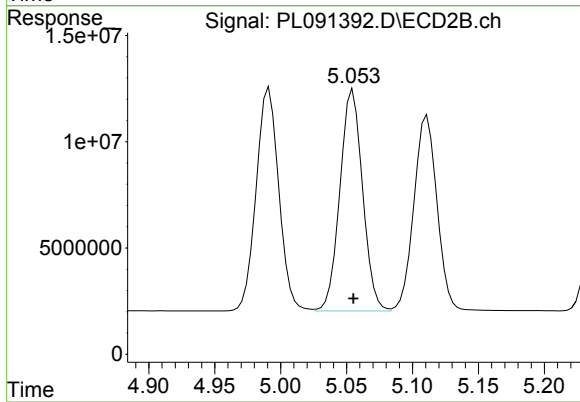
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.003 min
Response: 113576368
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

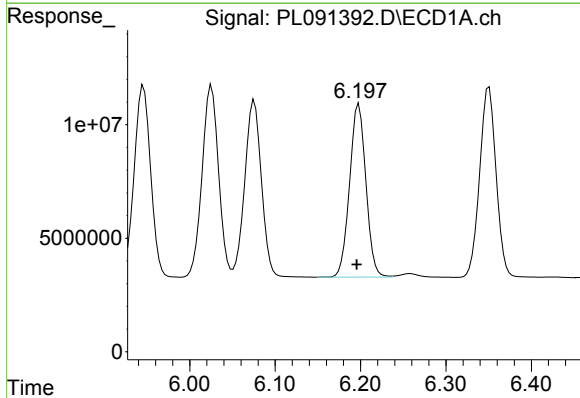
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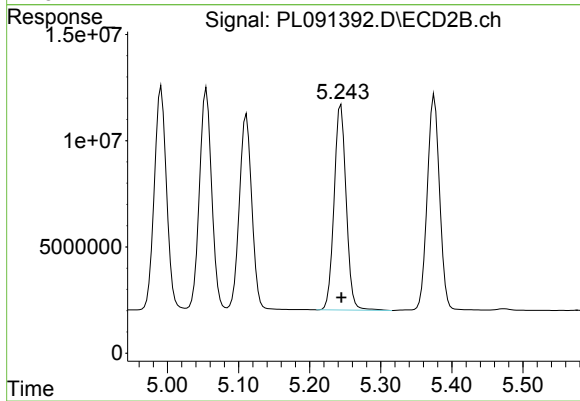
#11 alpha-Chlordane

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 124491882
Conc: 52.92 ng/ml



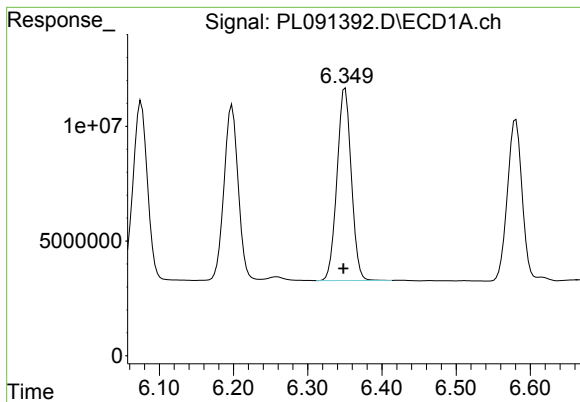
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 101084185
Conc: 48.32 ng/ml



#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 113954545
Conc: 54.54 ng/ml



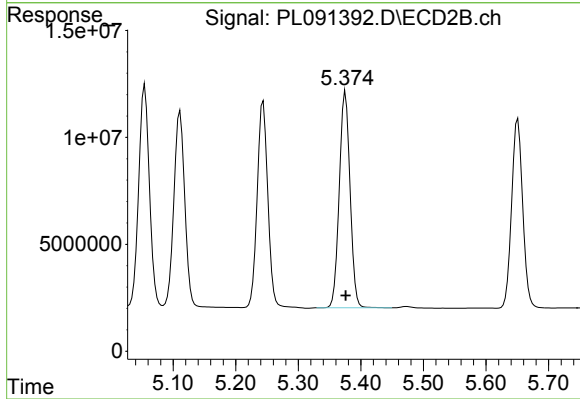
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.002 min
Response: 112418740
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

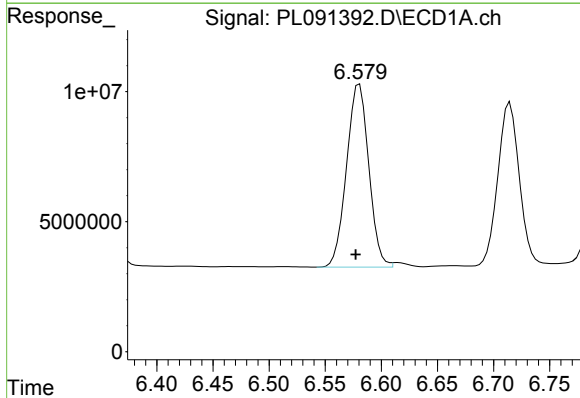
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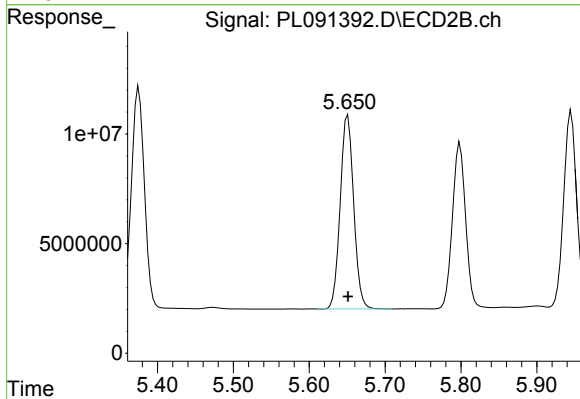
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 121632127
Conc: 53.41 ng/ml



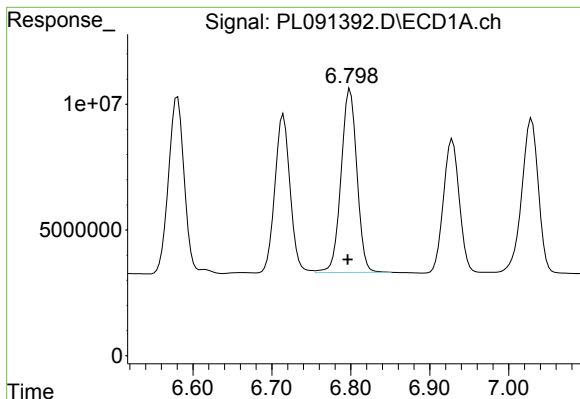
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 96917830
Conc: 49.98 ng/ml m



#14 Endrin

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 109154515
Conc: 53.58 ng/ml



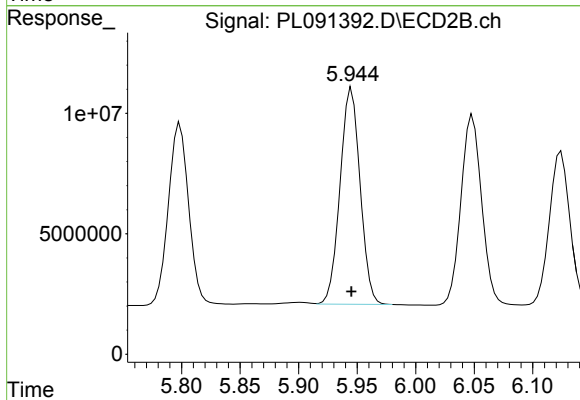
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.003 min
Response: 101943912
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

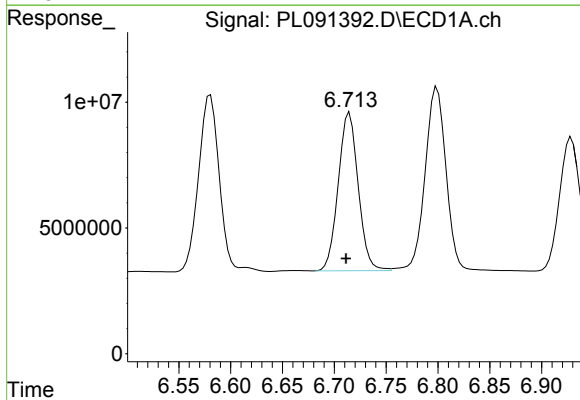
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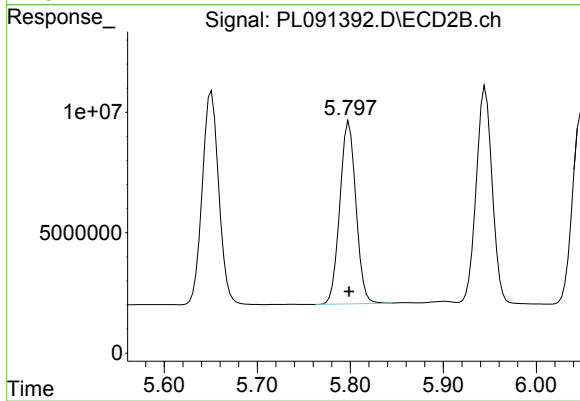
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 107009761
Conc: 55.31 ng/ml



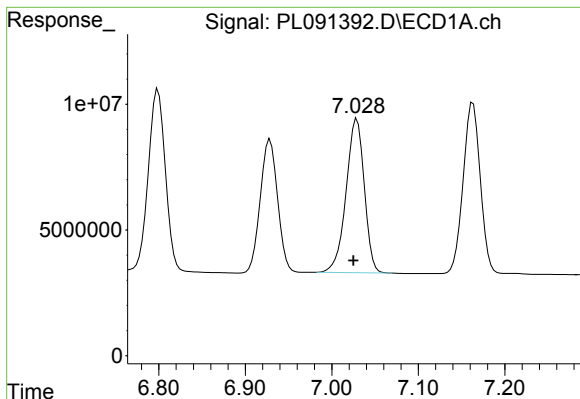
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.003 min
Response: 84274716
Conc: 55.76 ng/ml



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 90970402
Conc: 55.11 ng/ml



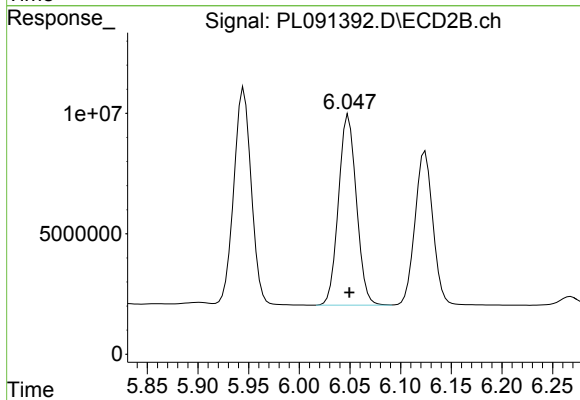
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.004 min
Response: 89186816
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

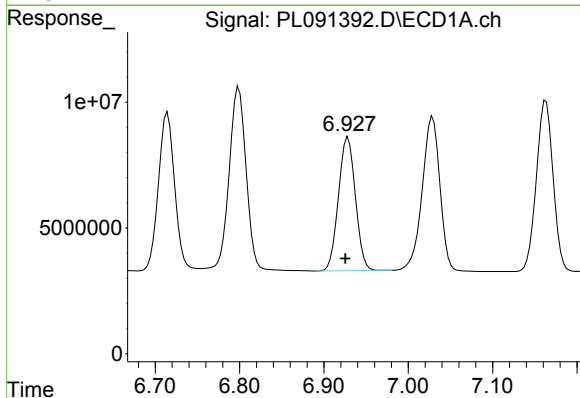
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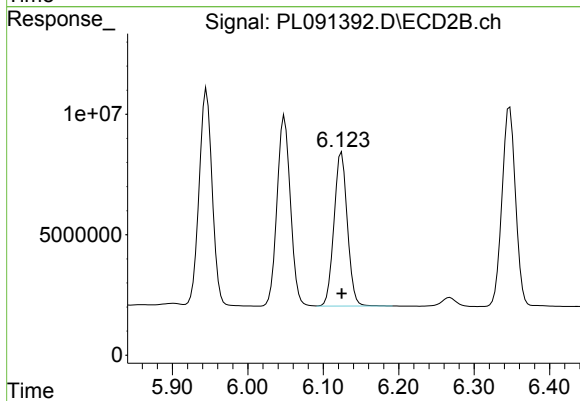
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 97323026
Conc: 54.79 ng/ml



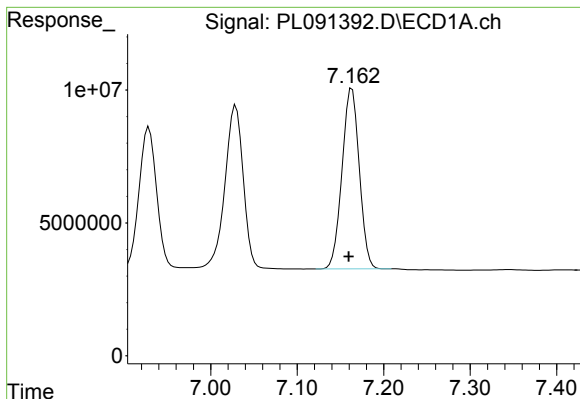
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.003 min
Response: 74114853
Conc: 46.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 78747400
Conc: 50.55 ng/ml



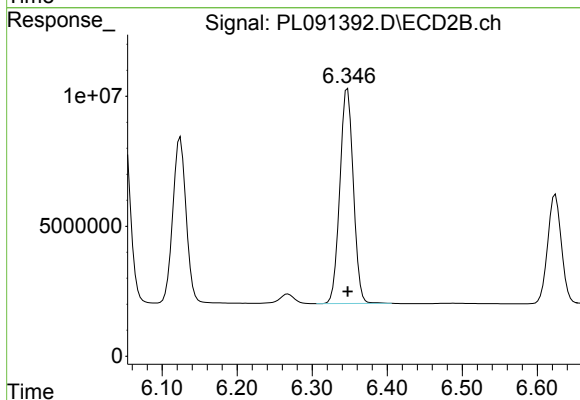
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.004 min
Response: 93547900
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

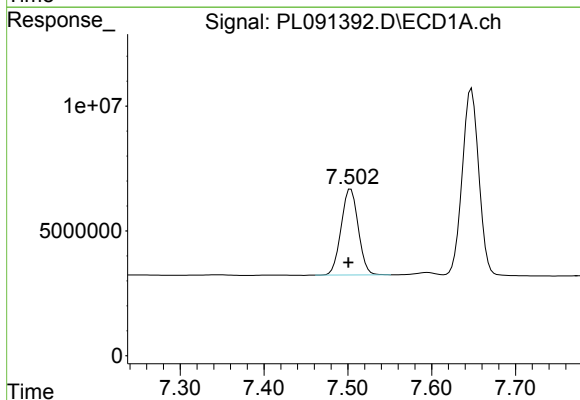
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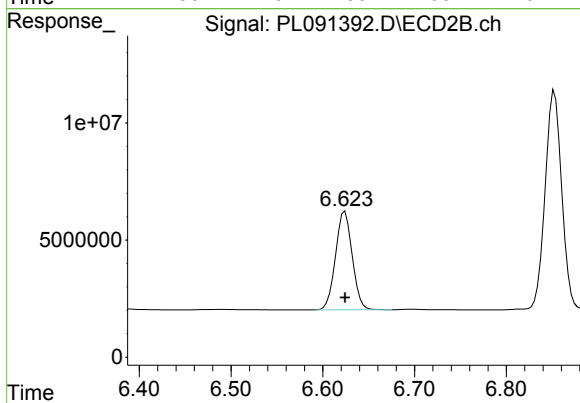
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 103557423
Conc: 53.71 ng/ml



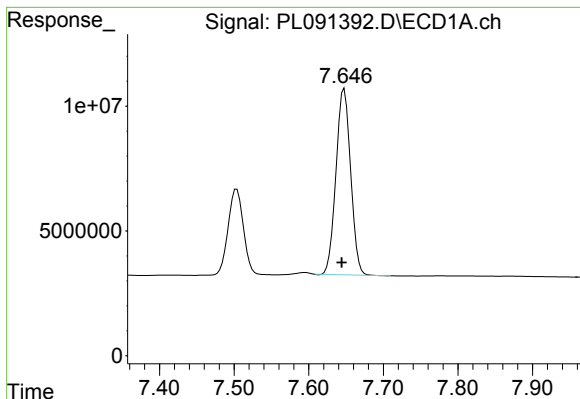
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.003 min
Response: 48810490
Conc: 51.91 ng/ml



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 53243148
Conc: 53.62 ng/ml



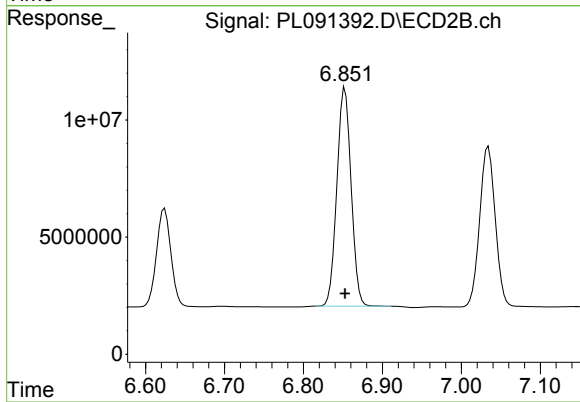
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.003 min
Response: 101794540
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

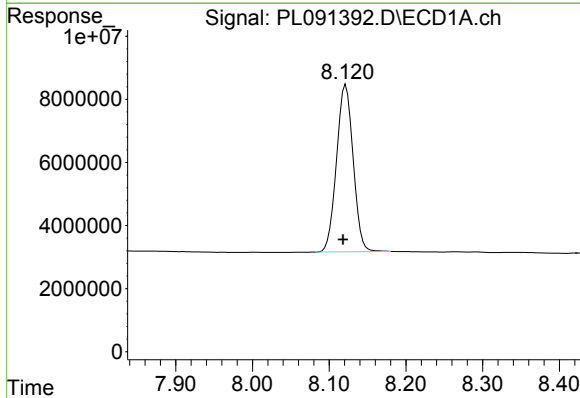
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2024
Supervised By :Ankita Jodhani 08/29/2024



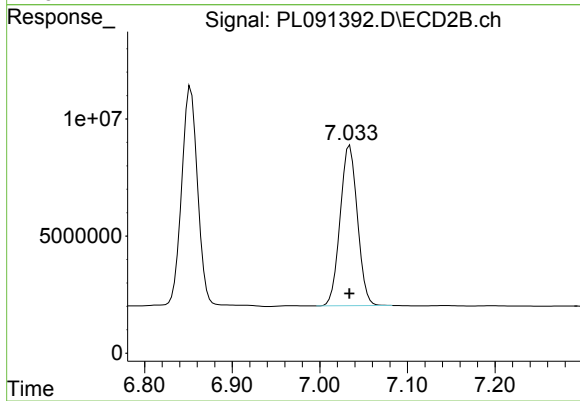
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 116829542
Conc: 53.64 ng/ml



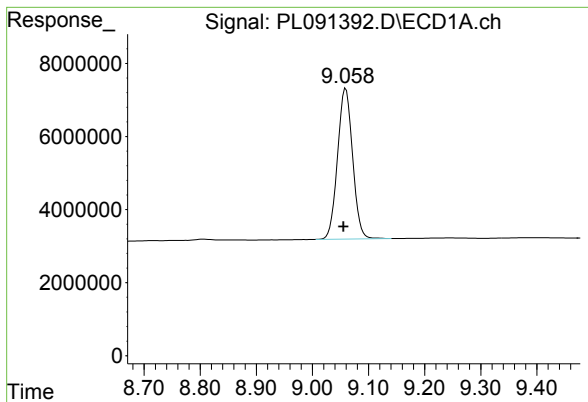
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.004 min
Response: 79887751
Conc: 46.96 ng/ml



#22 Mirex

R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 93794889
Conc: 50.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.004 min
Response: 76897800
Conc: 50.44 ng/ml

Instrument :

ECD_L

ClientSampleId :

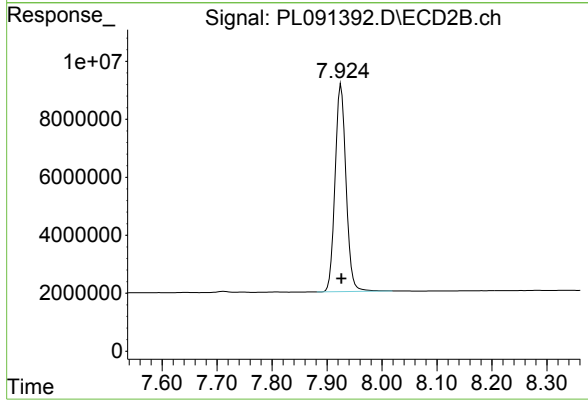
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 98955679
Conc: 52.24 ng/ml