

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
 Data File : PL087420.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2023 05:40
 Operator : AR\AJ
 Sample : 05967-13MSD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COLTOMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/26/2023
 Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 06:24:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.422	2.679	40391648	17744907	10.733	10.542
28)	SA Decachlor...	8.977	7.865	32072551	14529688	9.406	8.603
Target Compounds							
2)	A alpha-BHC	3.878	3.182	157.7E6	65305582	29.133	26.573
3)	MA gamma-BHC...	4.212	3.513	151.5E6	63836669	28.831	26.353
4)	MA Heptachlor	4.803	3.854	145.6E6	58246902	27.332m	24.368
5)	MB Aldrin	5.147	4.135	136.4E6	56173449	26.196	23.428
6)	B beta-BHC	4.410	3.813	66835379	27846117	29.099m	26.750
7)	B delta-BHC	4.656	4.043	150.6E6	62133536	28.803m	25.400
8)	B Heptachlo...	5.577	4.642	135.9E6	57666060	28.837	25.914
9)	A Endosulfan I	5.963	5.013	128.7E6	56678317	28.819	26.226
10)	B gamma-Chl...	5.835	4.896	135.2E6	56718108	27.887	24.797
11)	B alpha-Chl...	5.915	4.960	134.9E6	57617791	28.079	24.964
12)	B 4,4'-DDE	6.096	5.158	112.6E6	48418329	27.167	24.386
13)	MA Dieldrin	6.241	5.281	126.6E6	55551406	27.275	24.936
14)	MA Endrin	6.471	5.556	101.1E6	48978821	26.282	24.543
15)	B Endosulfa...	6.693	5.854	103.9E6	47596032	25.912	24.446
16)	A 4,4'-DDD	6.616	5.716	98308972	46135404	29.745	27.864
17)	MA 4,4'-DDT	6.932	5.969	87117858	39699224	23.168m	21.525
18)	B Endrin al...	6.824	6.036	83437169	36859067	28.788	25.115
19)	B Endosulfa...	7.060	6.261	114.6E6	49328641	29.195	26.185
20)	A Methoxychlor	7.418	6.555	50456664	23507960	25.876	23.016
21)	B Endrin ke...	7.545	6.765	118.3E6	58793285	29.088m	27.619m
22)	Mirex	8.024	6.948	86119093	43468501	25.570	24.433

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
Data File : PL087420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2023 05:40
Operator : AR\AJ
Sample : 05967-13MSD
Misc :
ALS Vial : 50 Sample Multiplier: 1

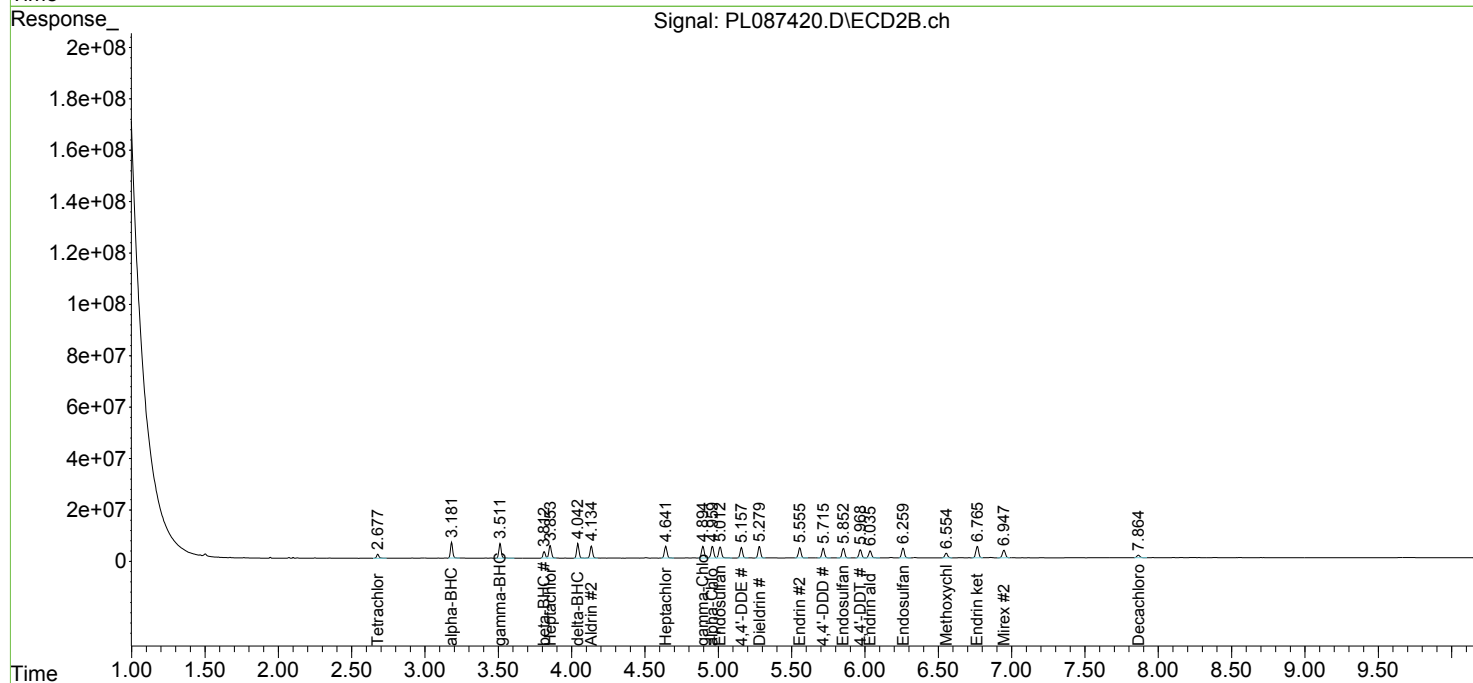
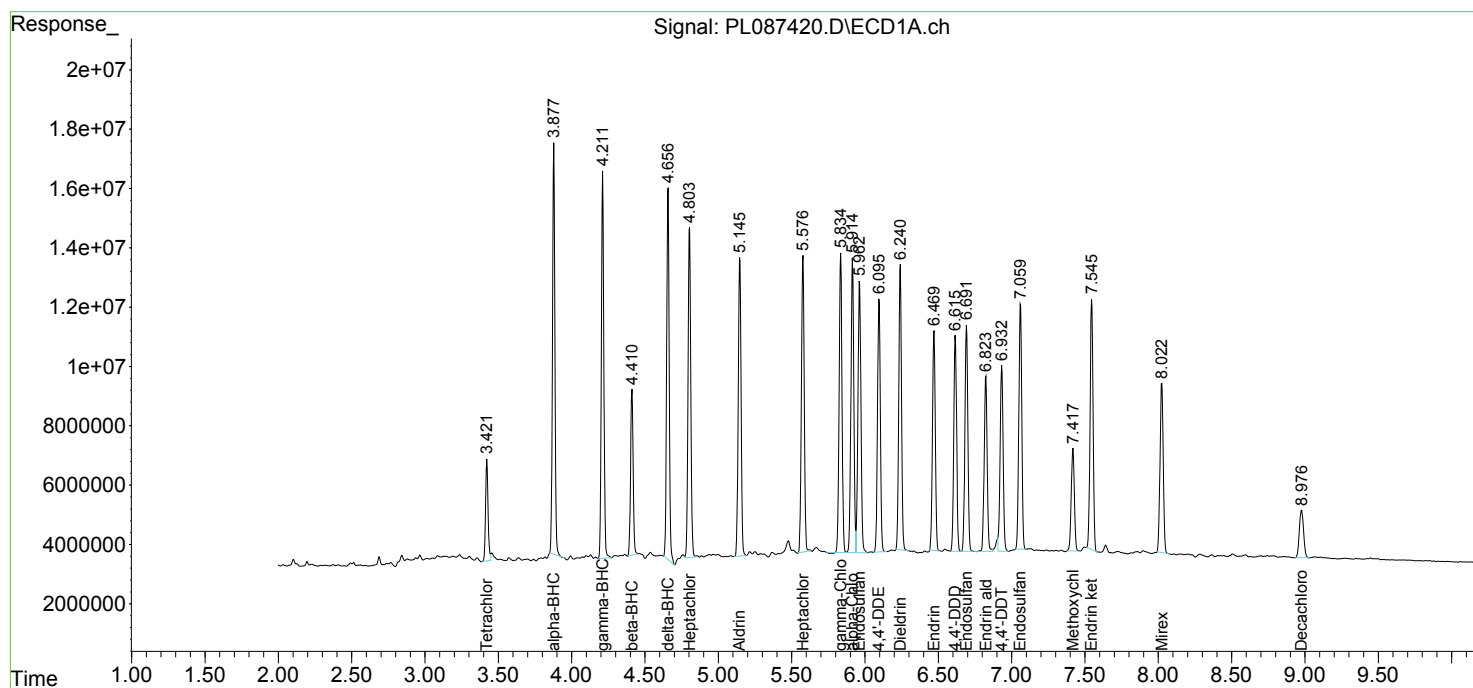
Instrument :
ECD_L
ClientSampleId :
COLTOMSD

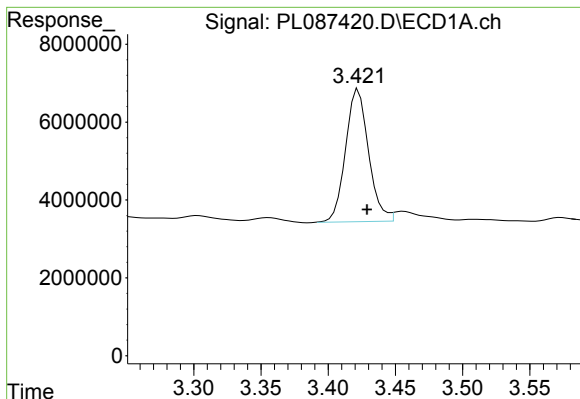
Manual Integrations
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Reviewed By : Abdul Mirza 12/26/2023
Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 23 06:24:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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





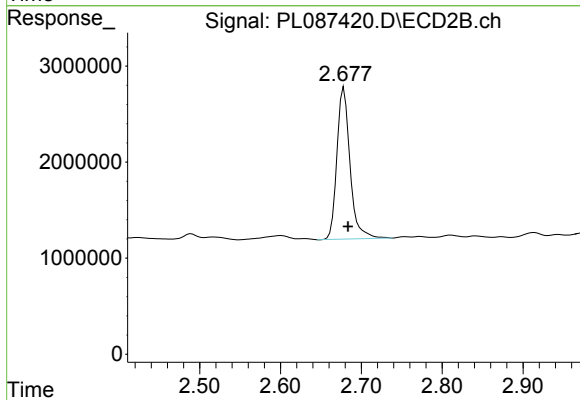
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 40391648
Conc: 10.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
COLTOMSD

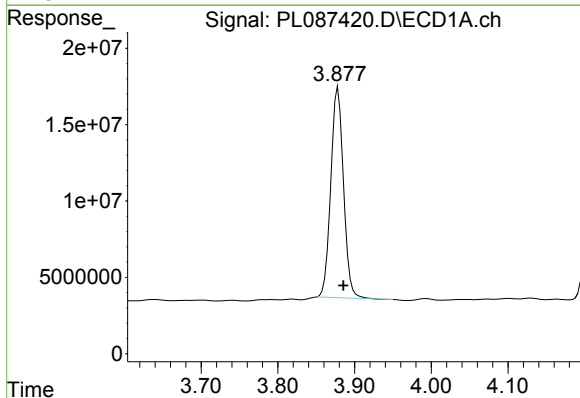
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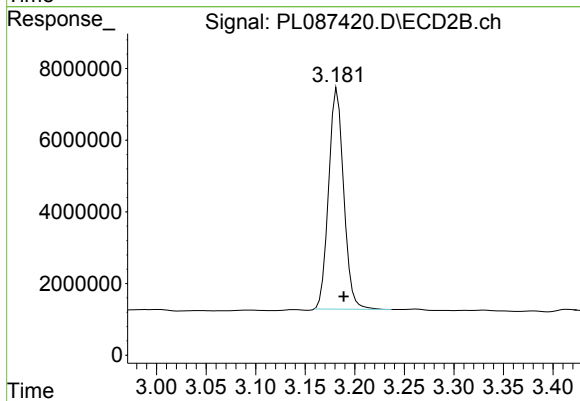
#1 Tetrachloro-m-xylene

R.T.: 2.679 min
Delta R.T.: -0.005 min
Response: 17744907
Conc: 10.54 ng/ml



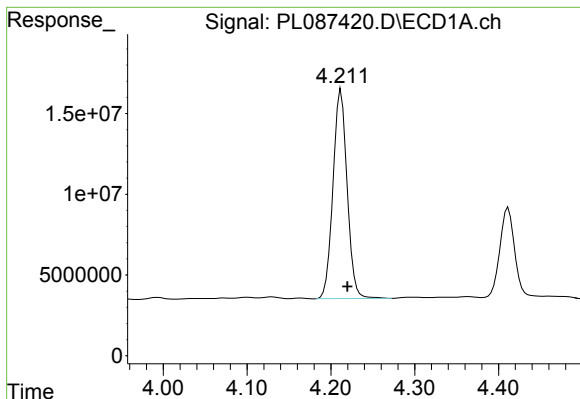
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 157728364
Conc: 29.13 ng/ml



#2 alpha-BHC

R.T.: 3.182 min
Delta R.T.: -0.007 min
Response: 65305582
Conc: 26.57 ng/ml



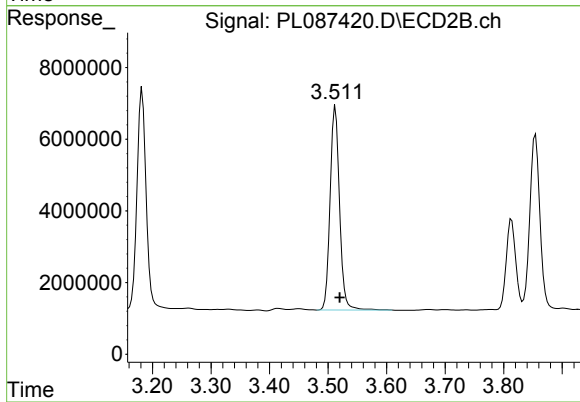
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 151528058
Conc: 28.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
COLTOMSD

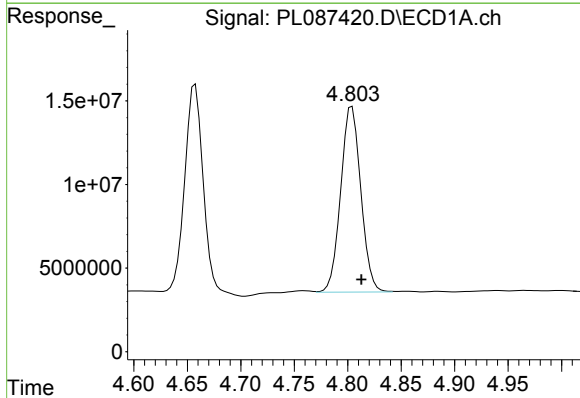
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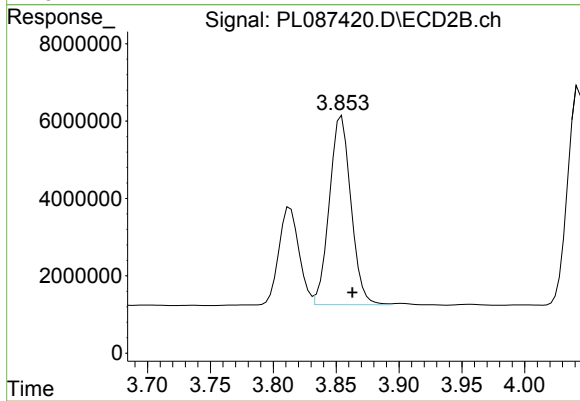
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 63836669
Conc: 26.35 ng/ml



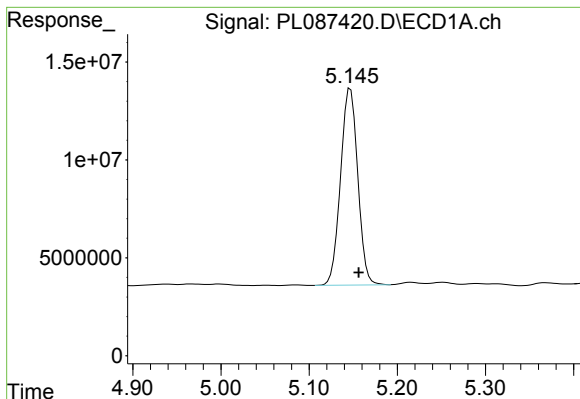
#4 Heptachlor

R.T.: 4.803 min
Delta R.T.: -0.010 min
Response: 145586003
Conc: 27.33 ng/ml m



#4 Heptachlor

R.T.: 3.854 min
Delta R.T.: -0.009 min
Response: 58246902
Conc: 24.37 ng/ml



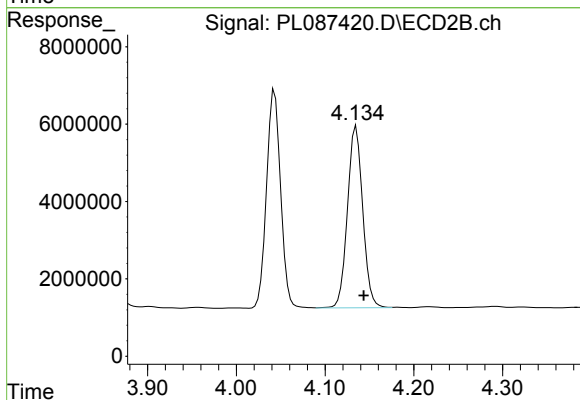
#5 Aldrin

R.T.: 5.147 min
Delta R.T.: -0.009 min
Response: 136385488
Conc: 26.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
COLT0MSD

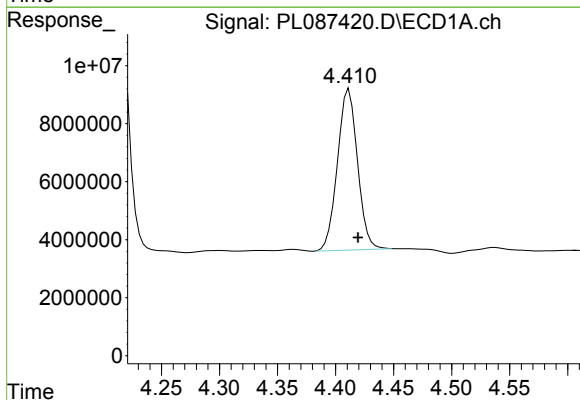
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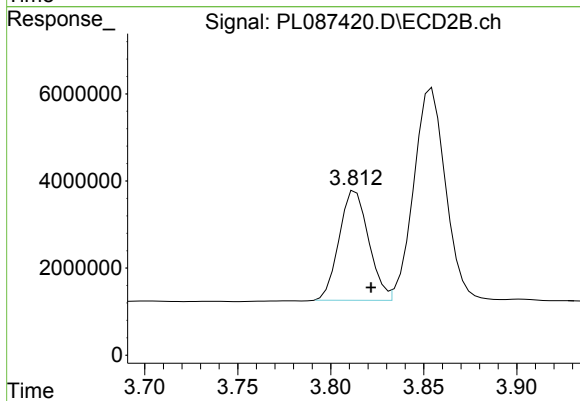
#5 Aldrin

R.T.: 4.135 min
Delta R.T.: -0.009 min
Response: 56173449
Conc: 23.43 ng/ml



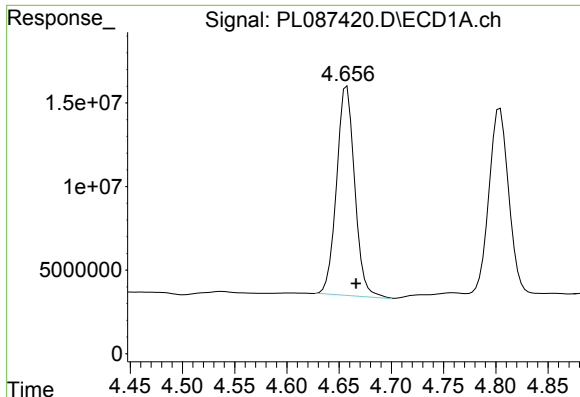
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: -0.009 min
Response: 66835379
Conc: 29.10 ng/ml m



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.008 min
Response: 27846117
Conc: 26.75 ng/ml



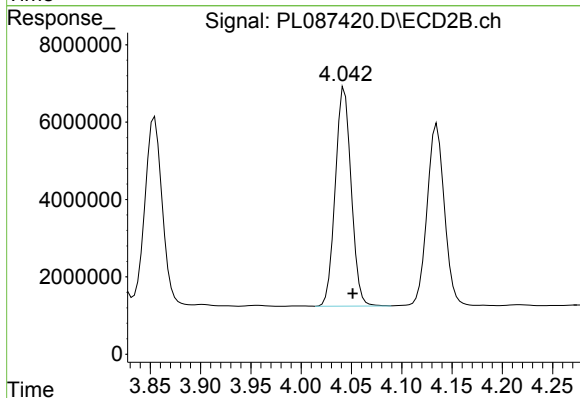
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.010 min
Response: 150623702
Conc: 28.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
COLTOMSD

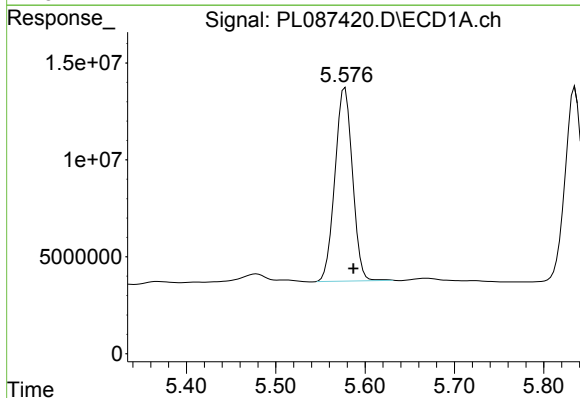
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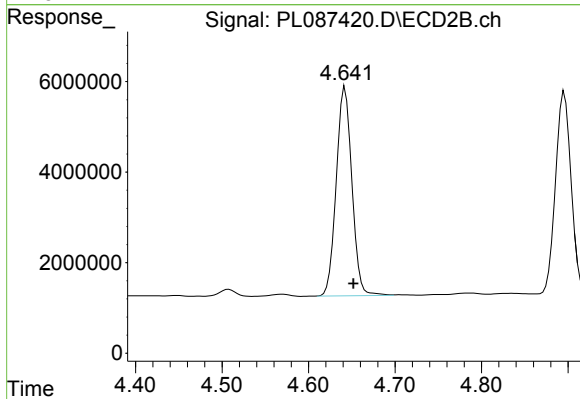
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.008 min
Response: 62133536
Conc: 25.40 ng/ml



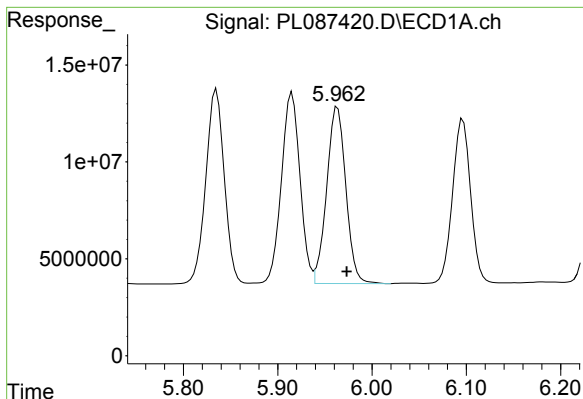
#8 Heptachlor epoxide

R.T.: 5.577 min
Delta R.T.: -0.009 min
Response: 135904046
Conc: 28.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.010 min
Response: 57666060
Conc: 25.91 ng/ml



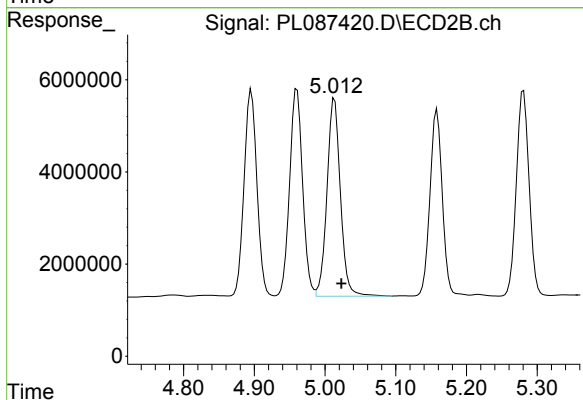
#9 Endosulfan I

R.T.: 5.963 min
Delta R.T.: -0.010 min
Response: 128715668
Conc: 28.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
COLT0MSD

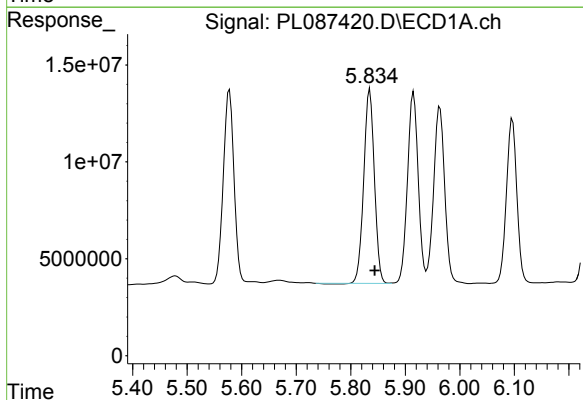
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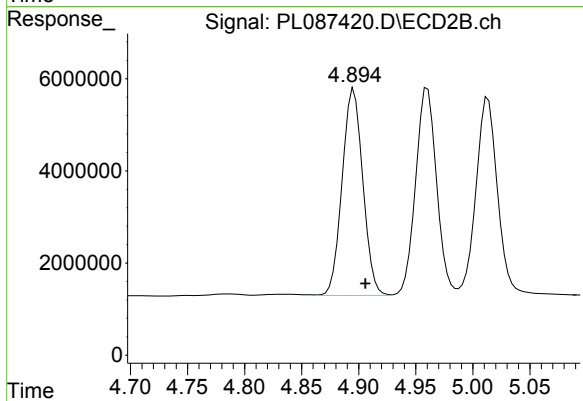
#9 Endosulfan I

R.T.: 5.013 min
Delta R.T.: -0.010 min
Response: 56678317
Conc: 26.23 ng/ml



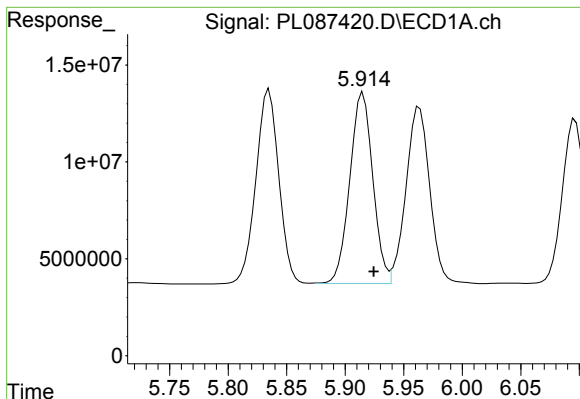
#10 gamma-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.009 min
Response: 135195531
Conc: 27.89 ng/ml



#10 gamma-Chlordane

R.T.: 4.896 min
Delta R.T.: -0.010 min
Response: 56718108
Conc: 24.80 ng/ml



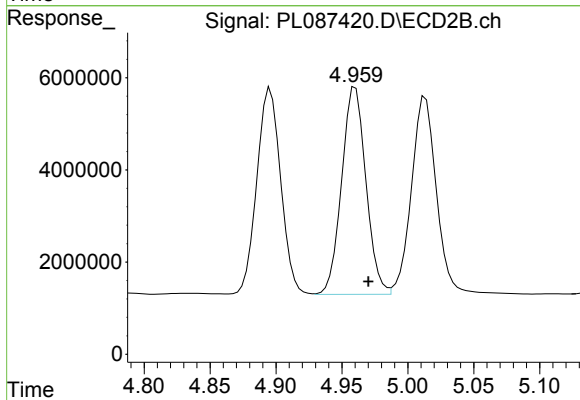
#11 alpha-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.009 min
Response: 134949734
Conc: 28.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
COLTOMSD

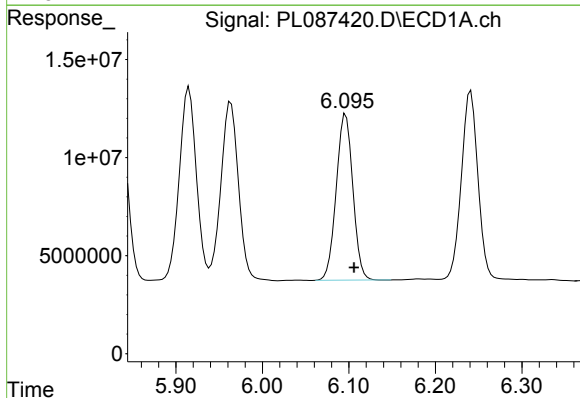
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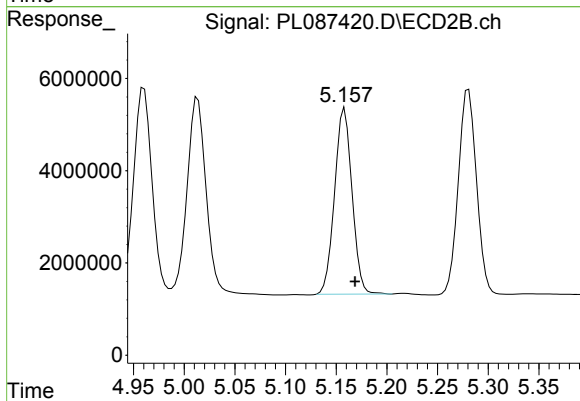
#11 alpha-Chlordane

R.T.: 4.960 min
Delta R.T.: -0.010 min
Response: 57617791
Conc: 24.96 ng/ml



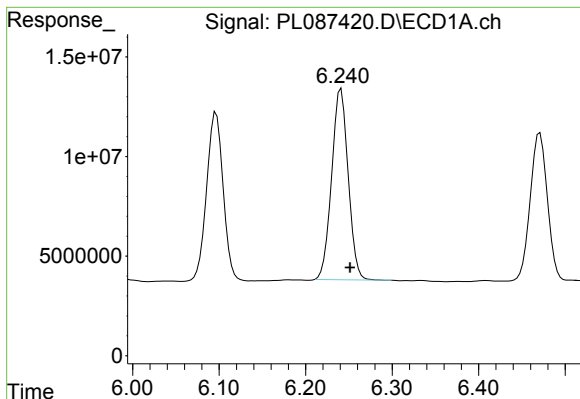
#12 4,4'-DDE

R.T.: 6.096 min
Delta R.T.: -0.010 min
Response: 112579111
Conc: 27.17 ng/ml



#12 4,4'-DDE

R.T.: 5.158 min
Delta R.T.: -0.010 min
Response: 48418329
Conc: 24.39 ng/ml



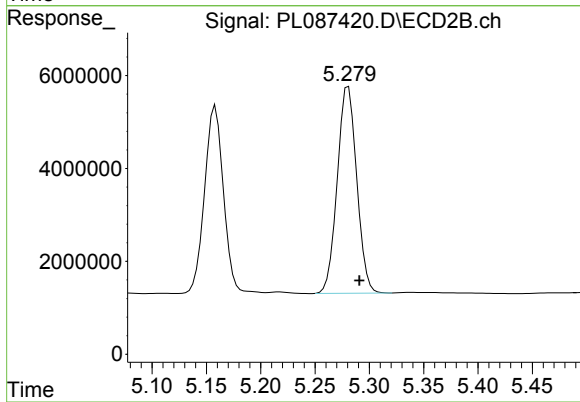
#13 Dieldrin

R.T.: 6.241 min
Delta R.T.: -0.010 min
Response: 126579902
Conc: 27.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
COLTOMSD

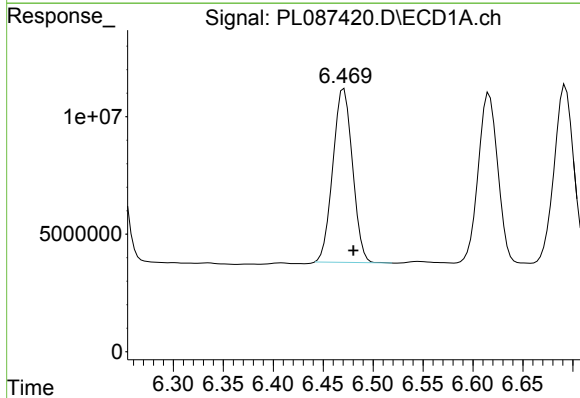
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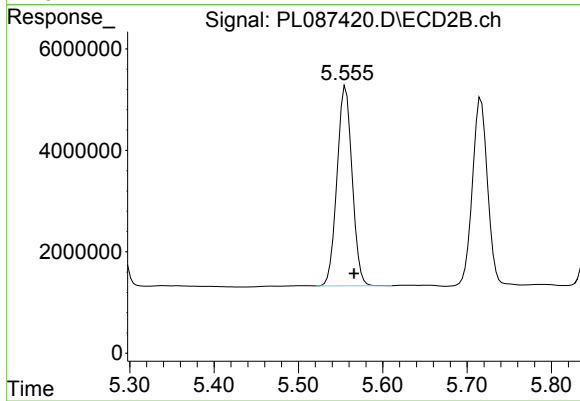
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.010 min
Response: 55551406
Conc: 24.94 ng/ml



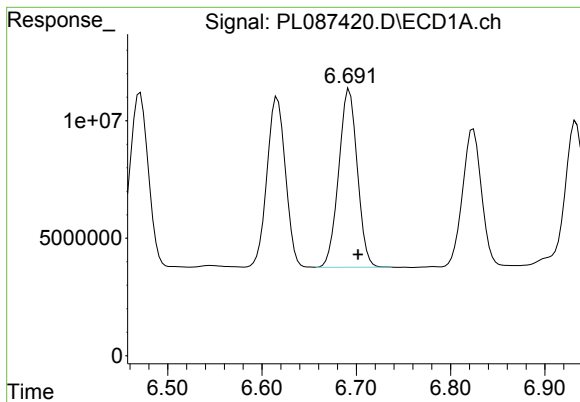
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.010 min
Response: 101118081
Conc: 26.28 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.010 min
Response: 48978821
Conc: 24.54 ng/ml



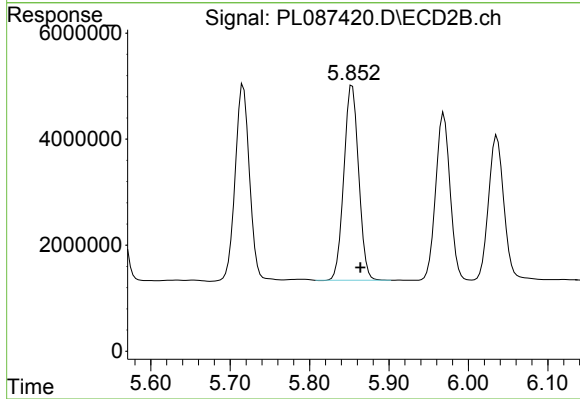
#15 Endosulfan II

R.T.: 6.693 min
Delta R.T.: -0.009 min
Response: 103918036
Conc: 25.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
COLT0MSD

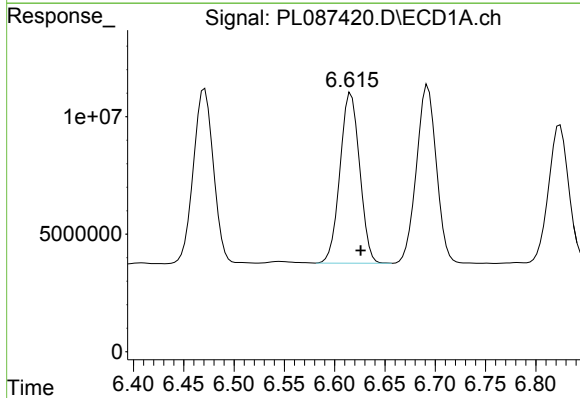
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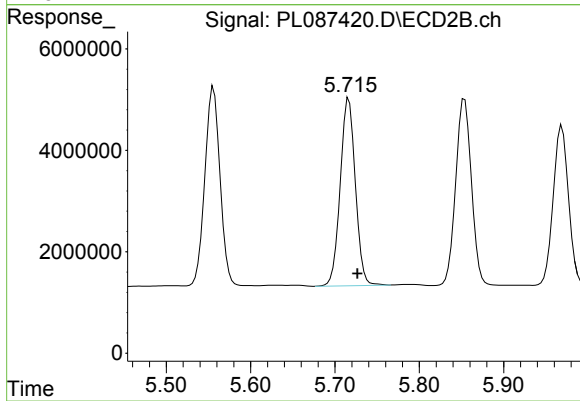
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 47596032
Conc: 24.45 ng/ml



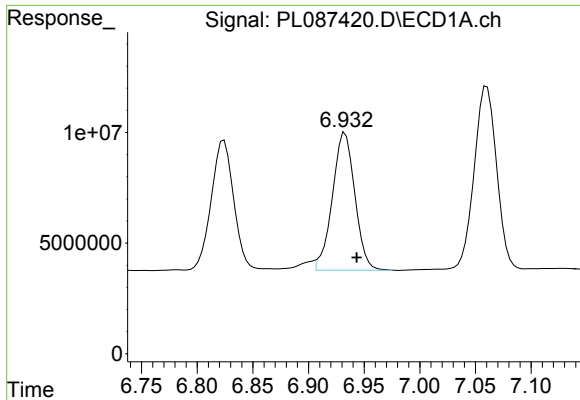
#16 4,4'-DDD

R.T.: 6.616 min
Delta R.T.: -0.009 min
Response: 98308972
Conc: 29.74 ng/ml



#16 4,4'-DDD

R.T.: 5.716 min
Delta R.T.: -0.010 min
Response: 46135404
Conc: 27.86 ng/ml



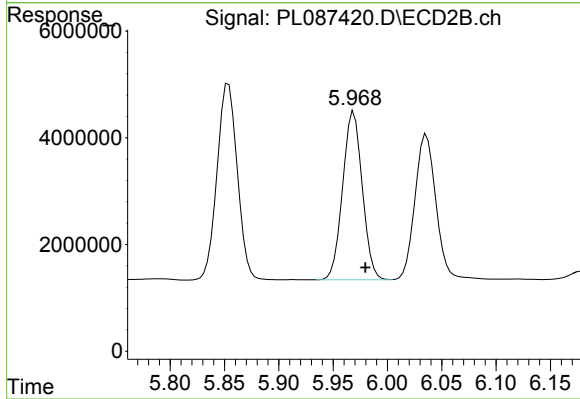
#17 4,4'-DDT

R.T.: 6.932 min
Delta R.T.: -0.012 min
Response: 87117858
Conc: 23.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
COLTOMSD

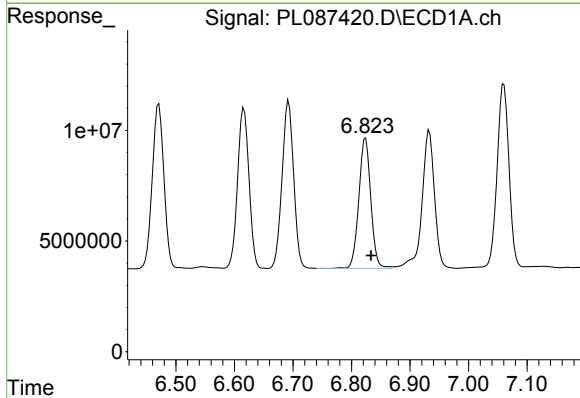
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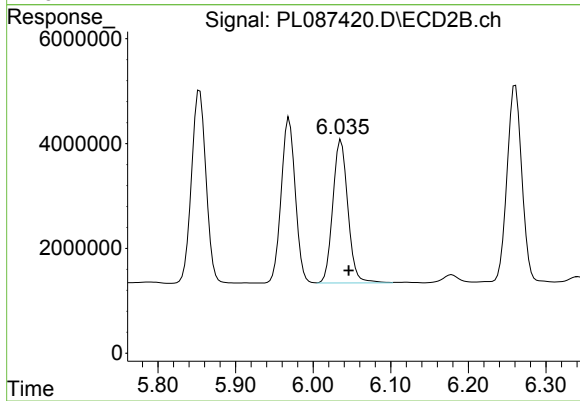
#17 4,4'-DDT

R.T.: 5.969 min
Delta R.T.: -0.010 min
Response: 39699224
Conc: 21.53 ng/ml



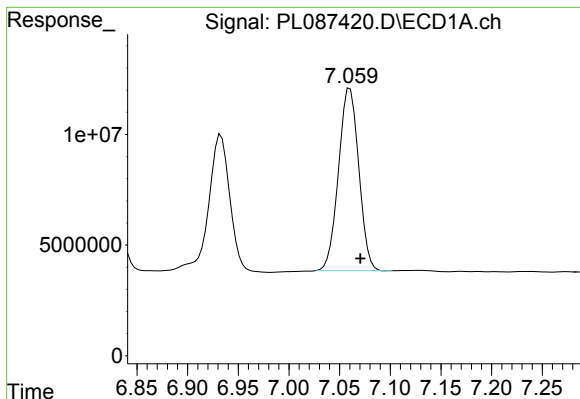
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: -0.009 min
Response: 83437169
Conc: 28.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.010 min
Response: 36859067
Conc: 25.11 ng/ml



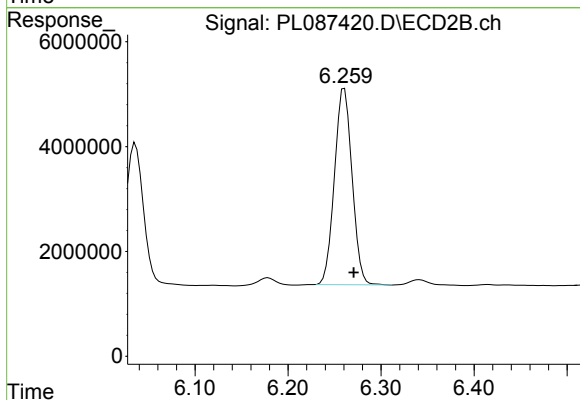
#19 Endosulfan Sulfate

R.T.: 7.060 min
Delta R.T.: -0.010 min
Response: 114646175
Conc: 29.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
COLTOMSD

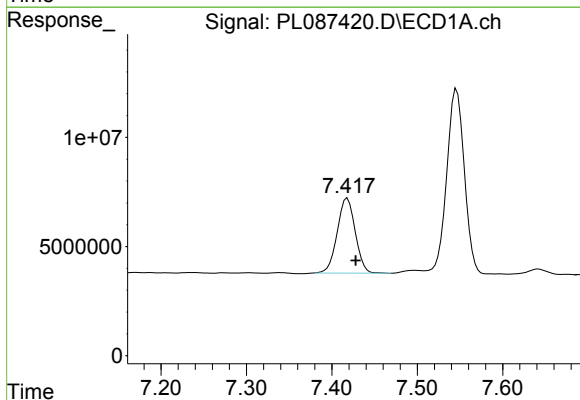
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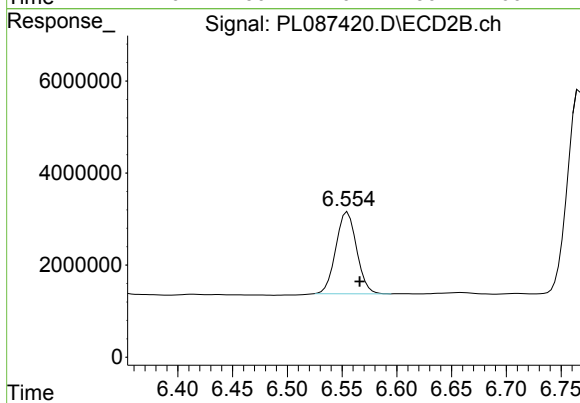
#19 Endosulfan Sulfate

R.T.: 6.261 min
Delta R.T.: -0.010 min
Response: 49328641
Conc: 26.19 ng/ml



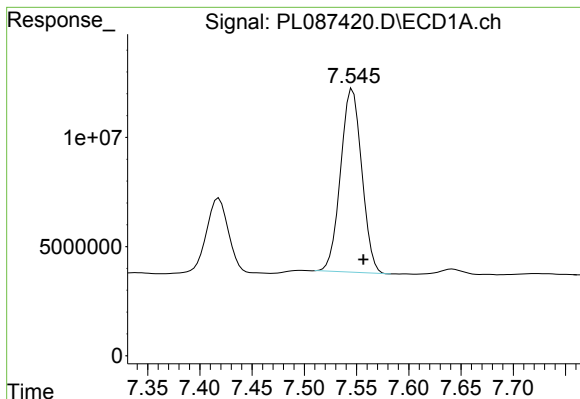
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.010 min
Response: 50456664
Conc: 25.88 ng/ml



#20 Methoxychlor

R.T.: 6.555 min
Delta R.T.: -0.011 min
Response: 23507960
Conc: 23.02 ng/ml



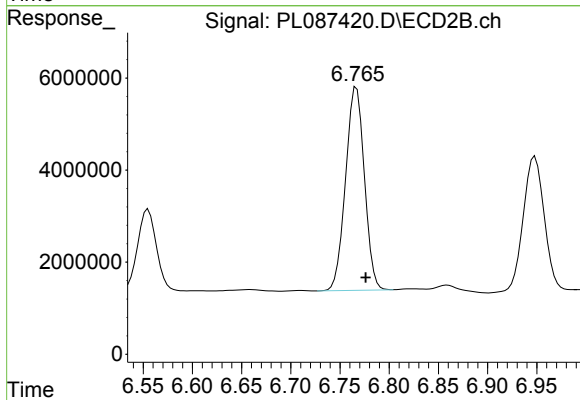
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: -0.012 min
Response: 118335876
Conc: 29.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
COLTOMSD

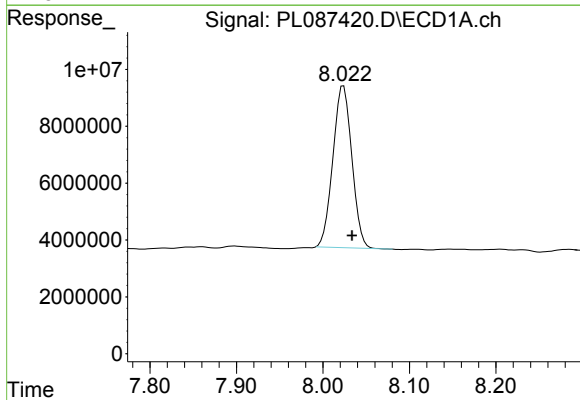
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Supervised By :Ankita Jodhani 12/26/2023



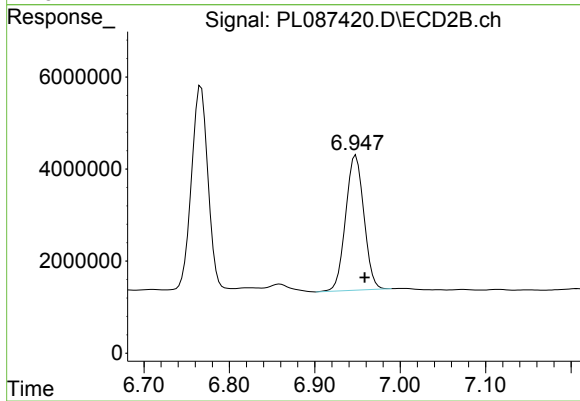
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.011 min
Response: 58793285
Conc: 27.62 ng/ml m



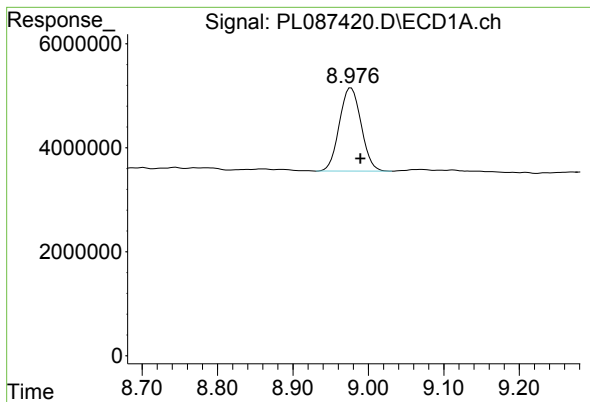
#22 Mirex

R.T.: 8.024 min
Delta R.T.: -0.010 min
Response: 86119093
Conc: 25.57 ng/ml



#22 Mirex

R.T.: 6.948 min
Delta R.T.: -0.010 min
Response: 43468501
Conc: 24.43 ng/ml



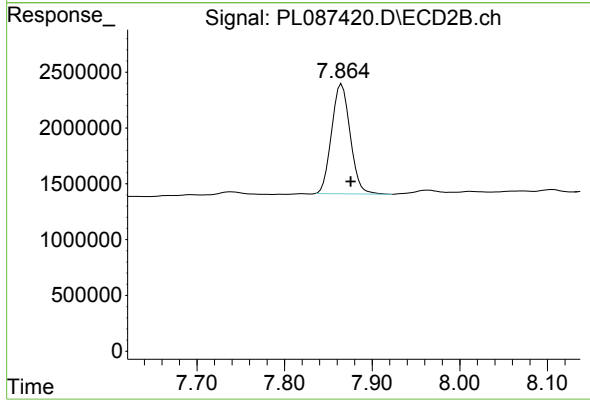
#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: -0.012 min
Response: 32072551
Conc: 9.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
COLTOMSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/26/2023



#28 Decachlorobiphenyl

R.T.: 7.865 min
Delta R.T.: -0.010 min
Response: 14529688
Conc: 8.60 ng/ml