

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
 Data File : PL088278.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2024 10:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/27/2024
 Supervised By :Ankita Jodhani 02/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 23:51:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 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...	3.644	2.854	135.3E6	65147028	49.248	46.450
28)	SA Decachlor...	9.314	8.089	110.2E6	62095290	57.206m	48.768
Target Compounds							
2)	A alpha-BHC	4.109	3.369	207.5E6	97894018	49.714	47.641
3)	MA gamma-BHC...	4.449	3.706	200.1E6	94358628	49.416	47.120
4)	MA Heptachlor	5.048	4.055	190.3E6	88011657	49.443	48.311
5)	MB Aldrin	5.396	4.341	186.7E6	91045575	48.900	46.944
6)	B beta-BHC	4.645	4.008	85546527	40824572	49.119	45.866
7)	B delta-BHC	4.897	4.244	200.7E6	95121793	52.745	47.685
8)	B Heptachlo...	5.828	4.852	171.0E6	81797060	48.793	47.152
9)	A Endosulfan I	6.219	5.229	151.5E6	75299779	48.396	46.797
10)	B gamma-Chl...	6.088	5.108	167.0E6	82847952	49.142	46.445
11)	B alpha-Chl...	6.168	5.173	166.2E6	83010713	48.692	46.597
12)	B 4,4'-DDE	6.342	5.367	148.9E6	75046352	49.092	47.216
13)	MA Dieldrin	6.498	5.498	160.7E6	81528066	48.887	47.253
14)	MA Endrin	6.730	5.778	129.1E6	68957085	49.629	46.121
15)	B Endosulfa...	6.950	6.076	138.6E6	70822103	48.405	46.489
16)	A 4,4'-DDD	6.865	5.929	122.5E6	63849558	47.248	46.734
17)	MA 4,4'-DDT	7.183	6.183	123.0E6	65897945	46.772	48.269
18)	B Endrin al...	7.082	6.258	105.9E6	54624144	51.229	50.014
19)	B Endosulfa...	7.318	6.484	131.8E6	68219811	50.595m	48.575
20)	A Methoxychlor	7.662	6.768	68345442	36789403	51.632m	46.940
21)	B Endrin ke...	7.810	6.997	141.8E6	81508827	50.605	48.685
22)	Mirex	8.292	7.182	110.2E6	63897967	47.553	48.773m

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

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Data File : PL088278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2024 10:04
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

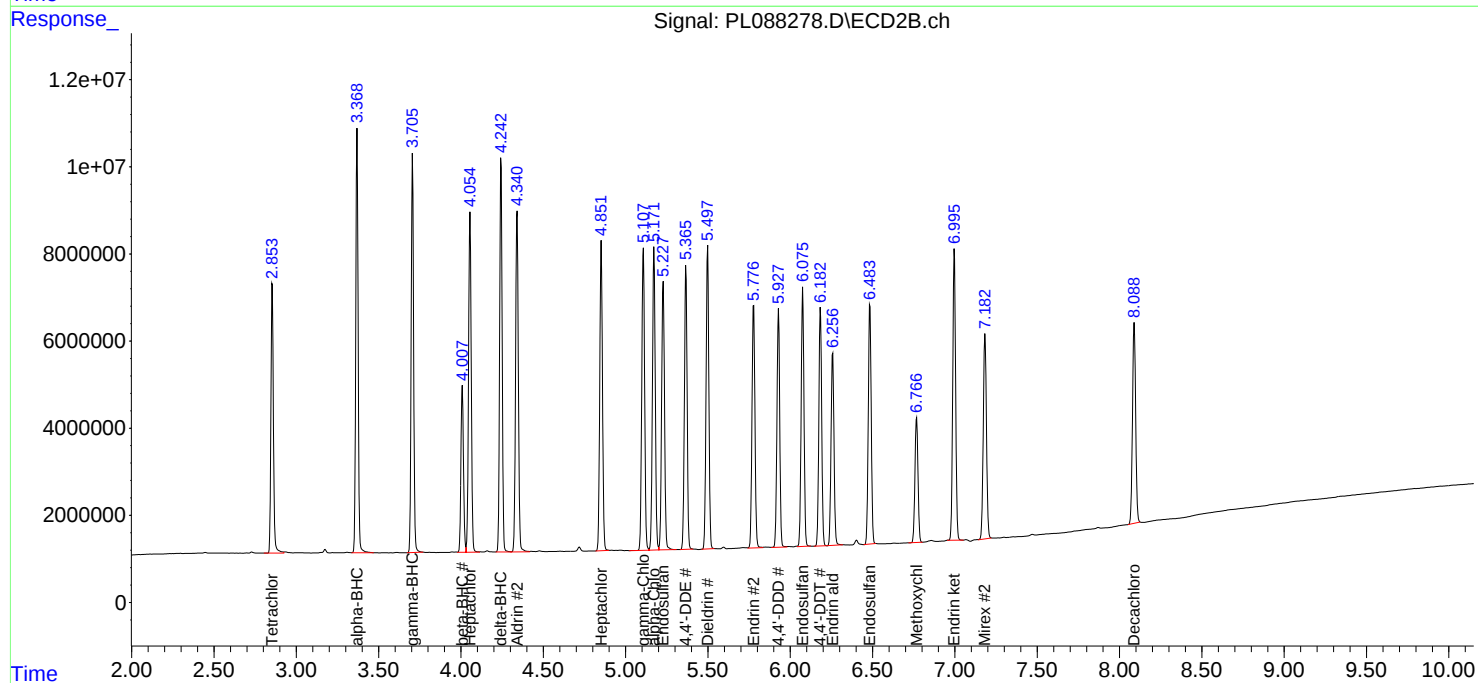
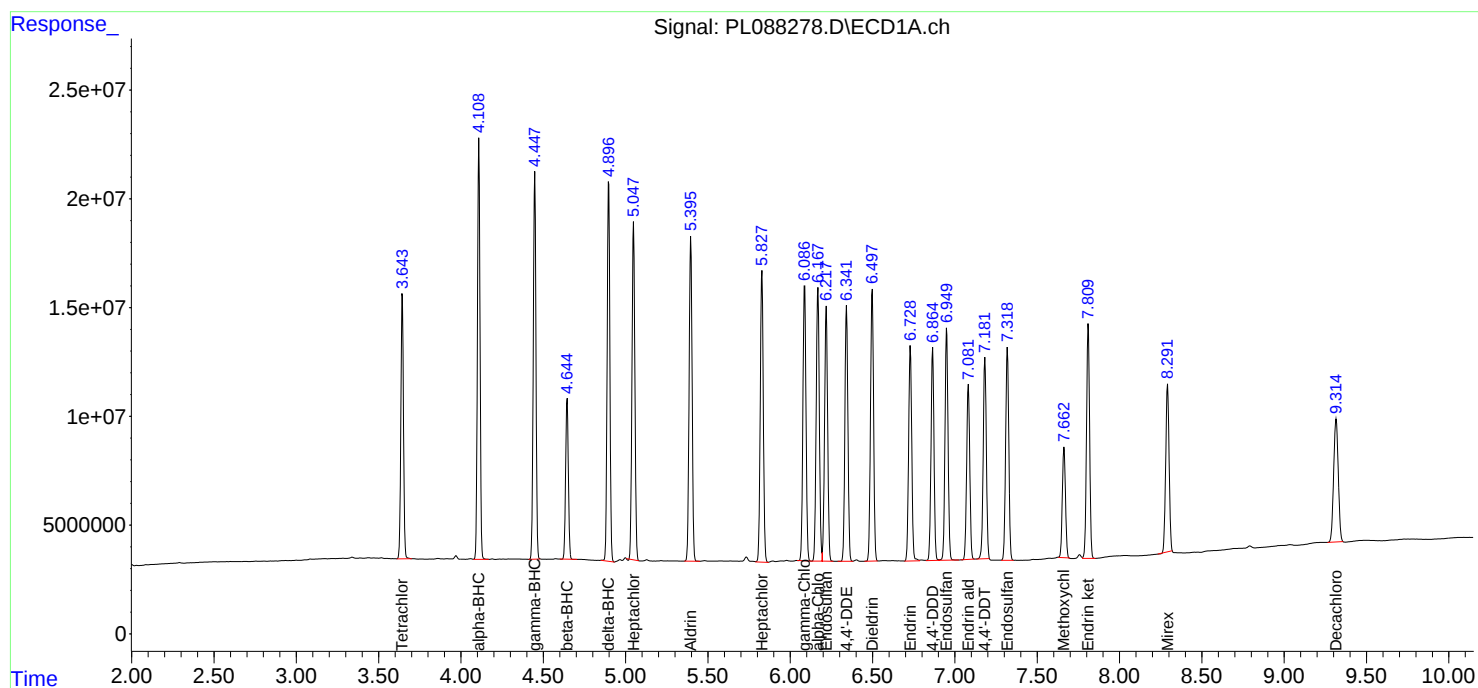
APPROVED

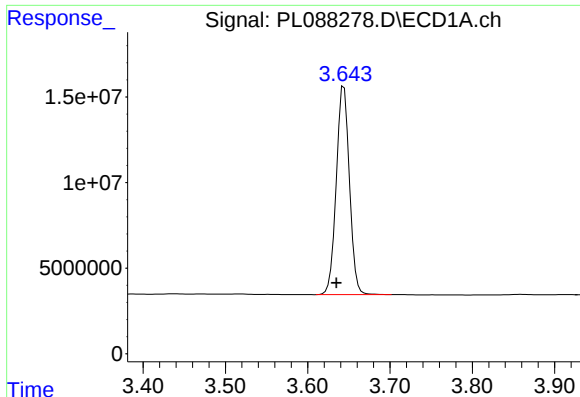
Reviewed By :Abdul Mirza 02/27/2024

Supervised By :Ankita Jodhani 02/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 23:51:51 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
Response via : Initial Calibration
Integrator: ChemStation

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





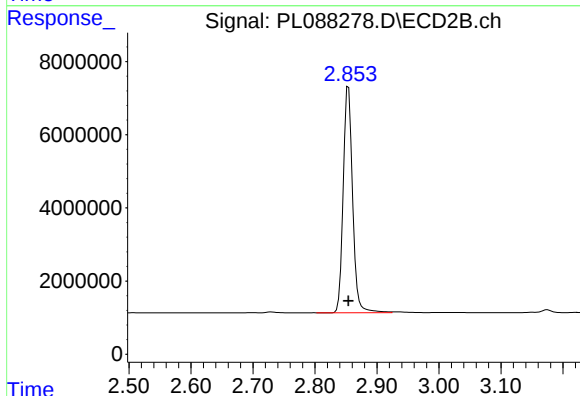
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.009 min
Response: 135269210
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

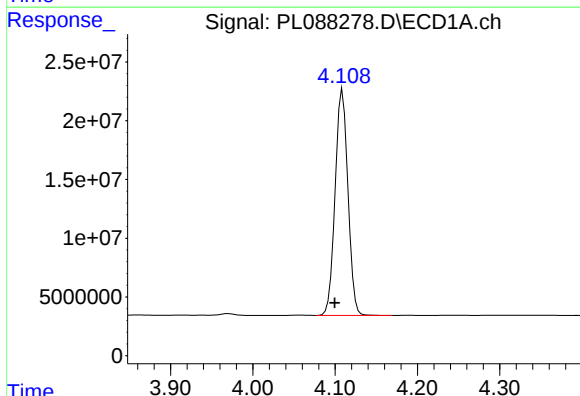
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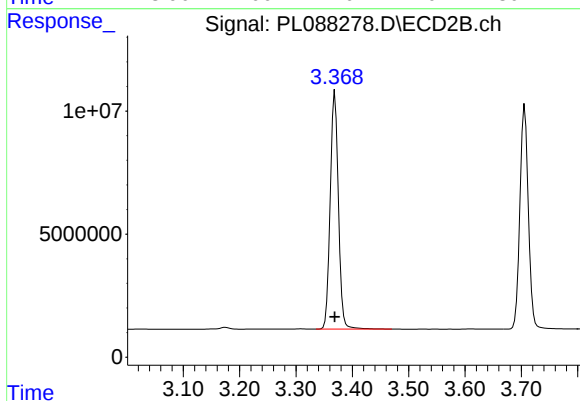
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 65147028
Conc: 46.45 ng/ml



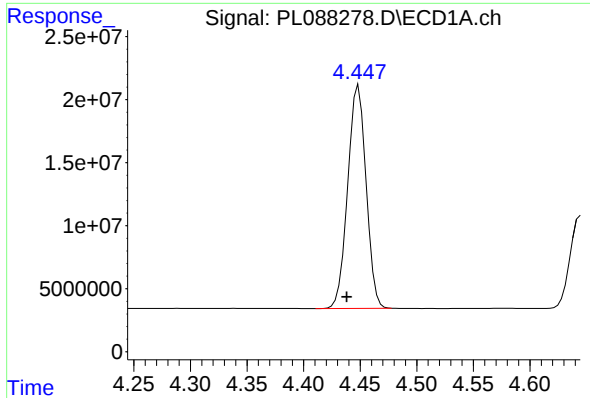
#2 alpha-BHC

R.T.: 4.109 min
Delta R.T.: 0.009 min
Response: 207518702
Conc: 49.71 ng/ml



#2 alpha-BHC

R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 97894018
Conc: 47.64 ng/ml



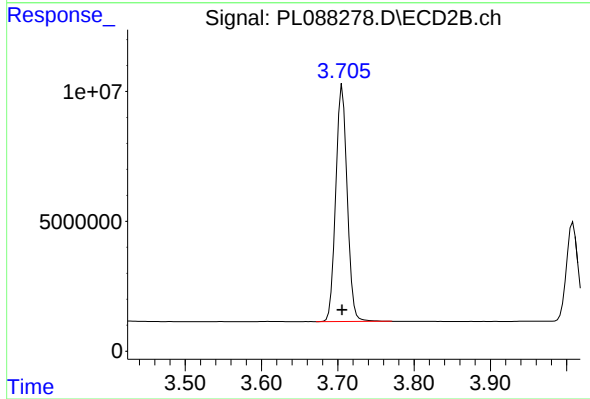
#3 gamma-BHC (Lindane)

R.T.: 4.449 min
Delta R.T.: 0.011 min
Response: 200110853
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

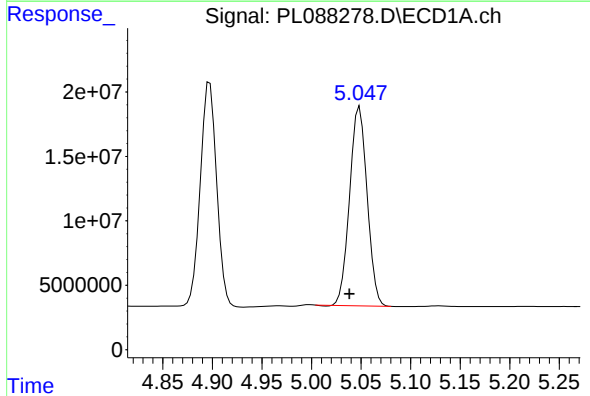
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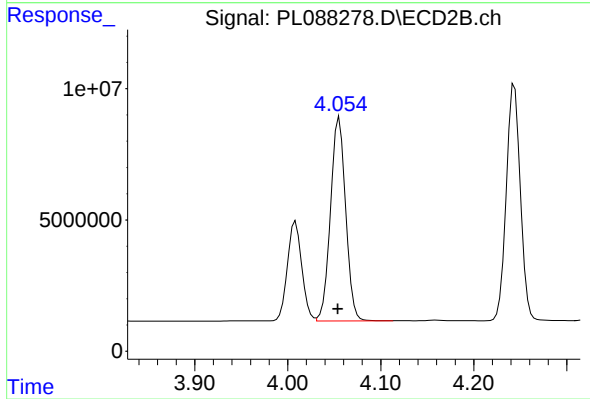
#3 gamma-BHC (Lindane)

R.T.: 3.706 min
Delta R.T.: 0.000 min
Response: 94358628
Conc: 47.12 ng/ml



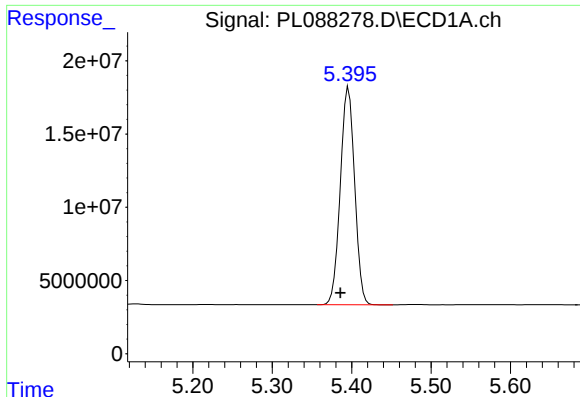
#4 Heptachlor

R.T.: 5.048 min
Delta R.T.: 0.010 min
Response: 190271883
Conc: 49.44 ng/ml



#4 Heptachlor

R.T.: 4.055 min
Delta R.T.: 0.002 min
Response: 88011657
Conc: 48.31 ng/ml



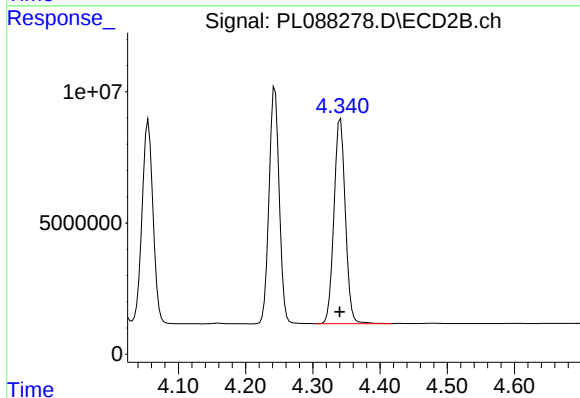
#5 Aldrin

R.T.: 5.396 min
Delta R.T.: 0.010 min
Response: 186718367
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

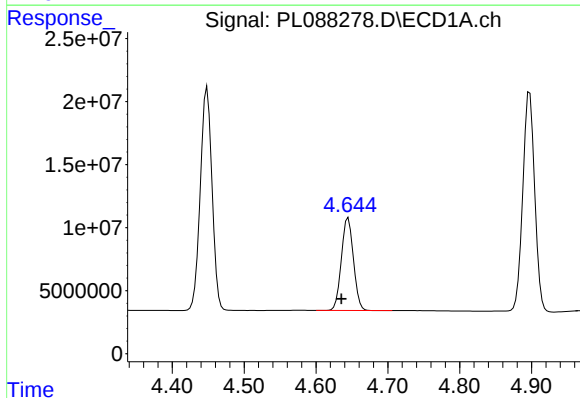
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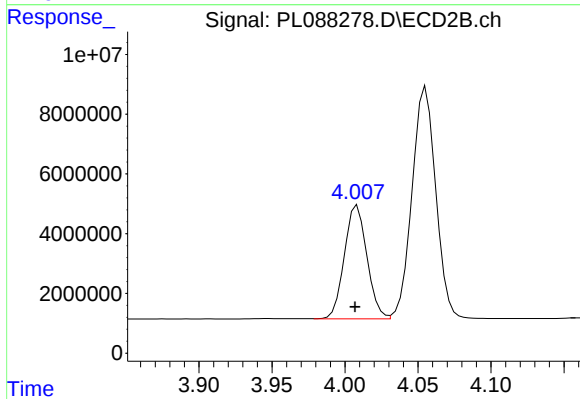
#5 Aldrin

R.T.: 4.341 min
Delta R.T.: 0.001 min
Response: 91045575
Conc: 46.94 ng/ml



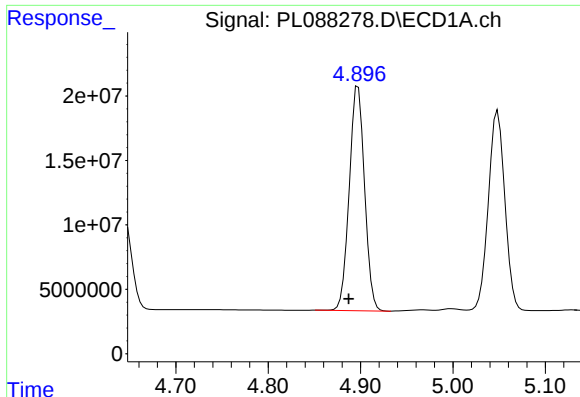
#6 beta-BHC

R.T.: 4.645 min
Delta R.T.: 0.010 min
Response: 85546527
Conc: 49.12 ng/ml



#6 beta-BHC

R.T.: 4.008 min
Delta R.T.: 0.002 min
Response: 40824572
Conc: 45.87 ng/ml



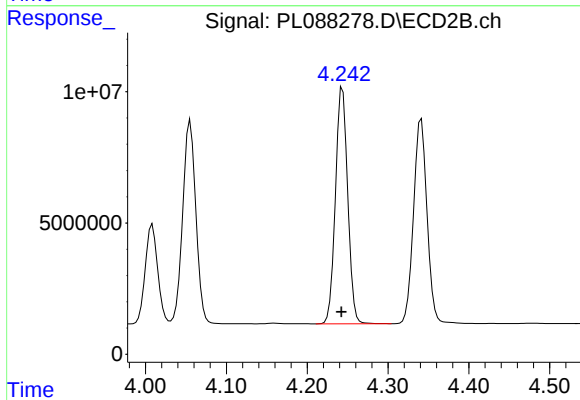
#7 delta-BHC

R.T.: 4.897 min
Delta R.T.: 0.010 min
Response: 200680772
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

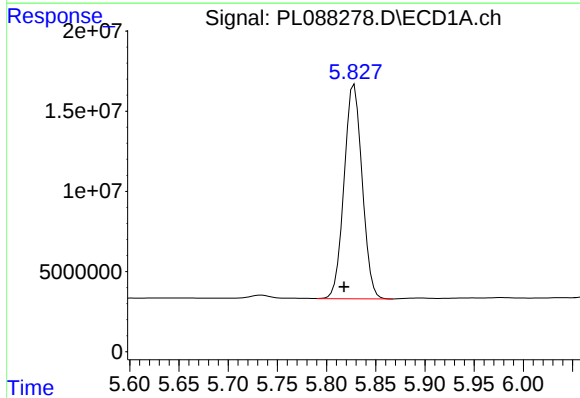
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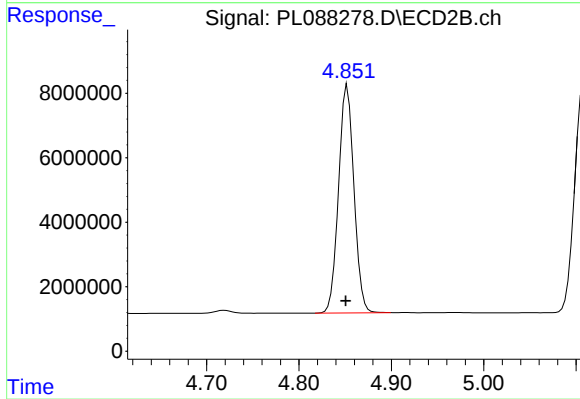
#7 delta-BHC

R.T.: 4.244 min
Delta R.T.: 0.002 min
Response: 95121793
Conc: 47.69 ng/ml



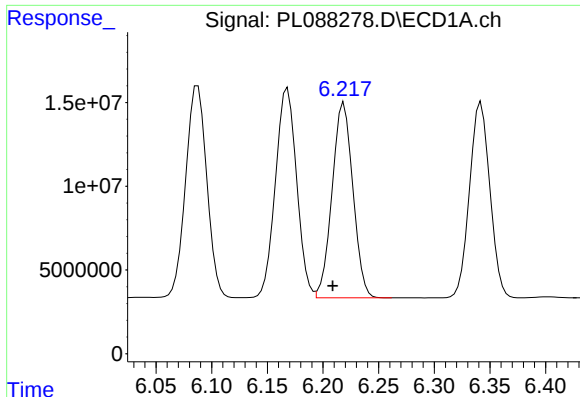
#8 Heptachlor epoxide

R.T.: 5.828 min
Delta R.T.: 0.010 min
Response: 170954627
Conc: 48.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.852 min
Delta R.T.: 0.002 min
Response: 81797060
Conc: 47.15 ng/ml



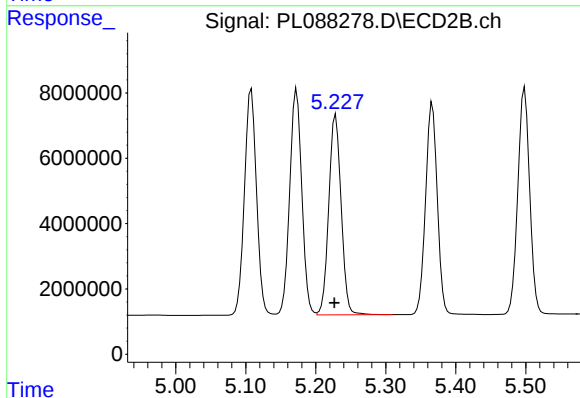
#9 Endosulfan I

R.T.: 6.219 min
Delta R.T.: 0.010 min
Response: 151474315
Conc: 48.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

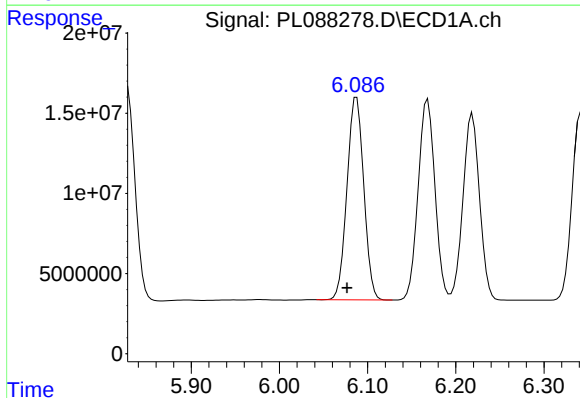
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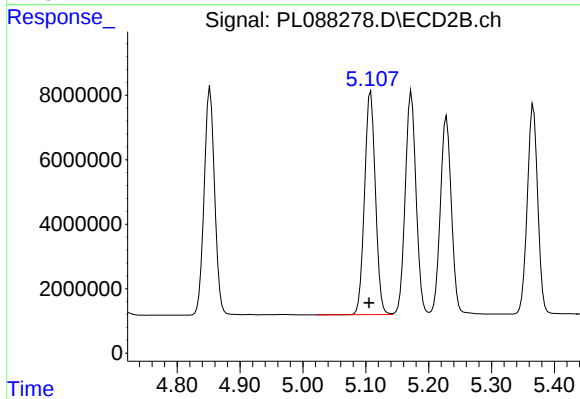
#9 Endosulfan I

R.T.: 5.229 min
Delta R.T.: 0.002 min
Response: 75299779
Conc: 46.80 ng/ml



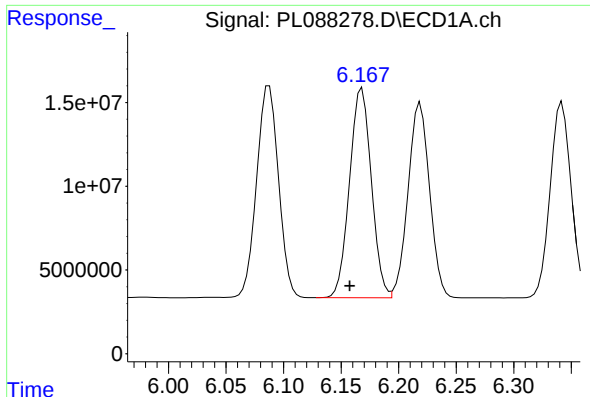
#10 gamma-Chlordane

R.T.: 6.088 min
Delta R.T.: 0.011 min
Response: 167001322
Conc: 49.14 ng/ml



#10 gamma-Chlordane

R.T.: 5.108 min
Delta R.T.: 0.003 min
Response: 82847952
Conc: 46.44 ng/ml



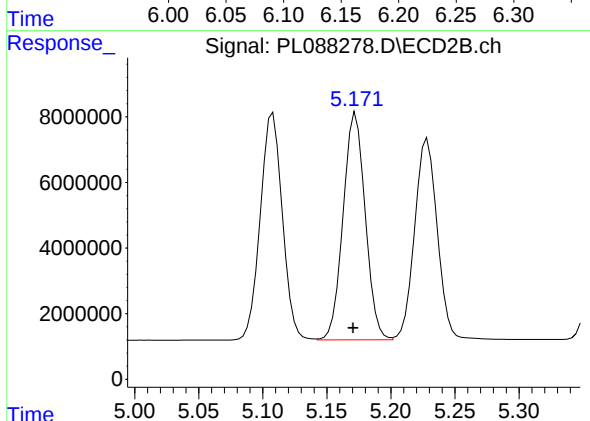
#11 alpha-Chlordane

R.T.: 6.168 min
Delta R.T.: 0.011 min
Response: 166173907
Conc: 48.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

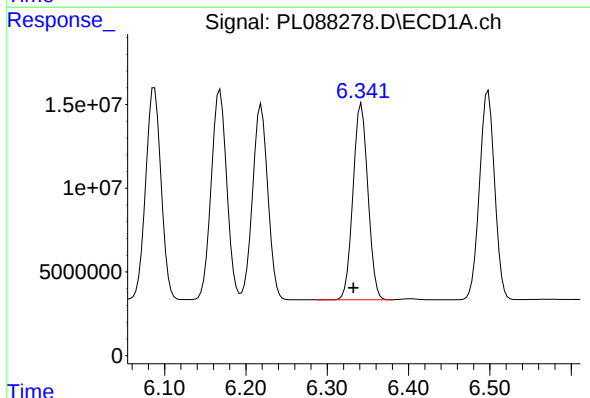
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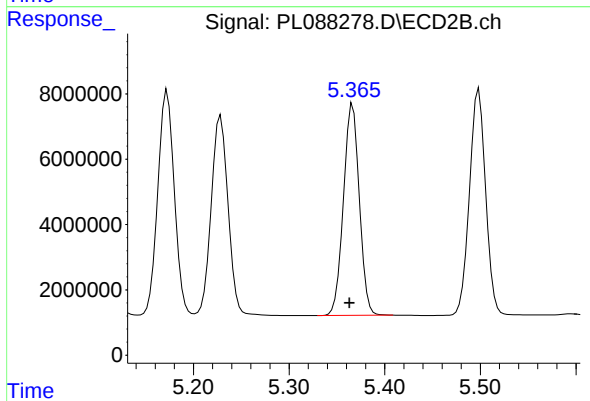
#11 alpha-Chlordane

R.T.: 5.173 min
Delta R.T.: 0.002 min
Response: 83010713
Conc: 46.60 ng/ml



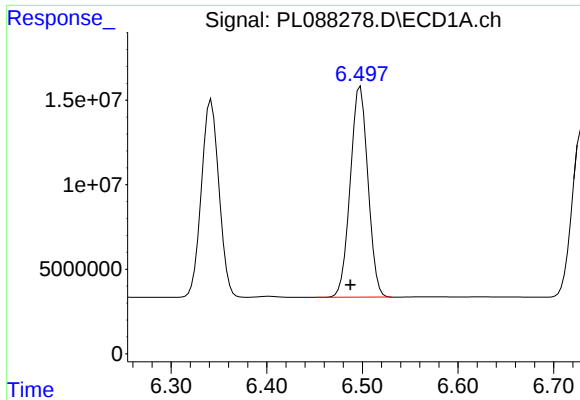
#12 4,4'-DDE

R.T.: 6.342 min
Delta R.T.: 0.010 min
Response: 148887506
Conc: 49.09 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: 0.003 min
Response: 75046352
Conc: 47.22 ng/ml



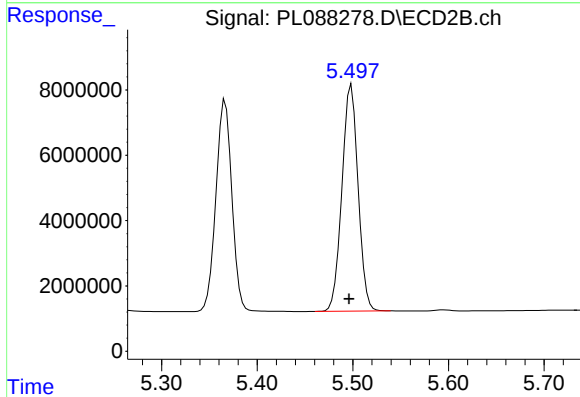
#13 Dieldrin

R.T.: 6.498 min
Delta R.T.: 0.010 min
Response: 160747469
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

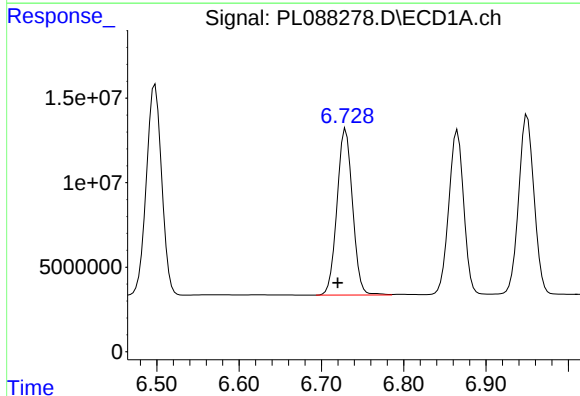
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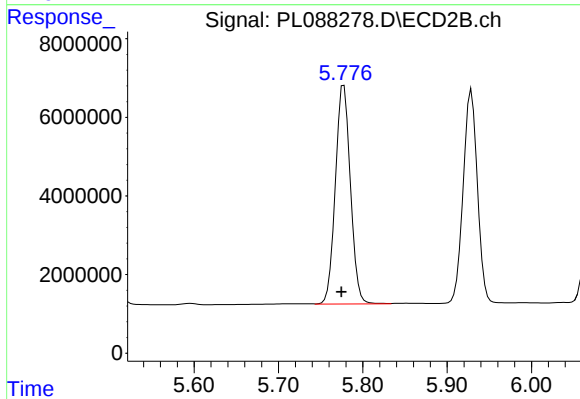
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 81528066
Conc: 47.25 ng/ml



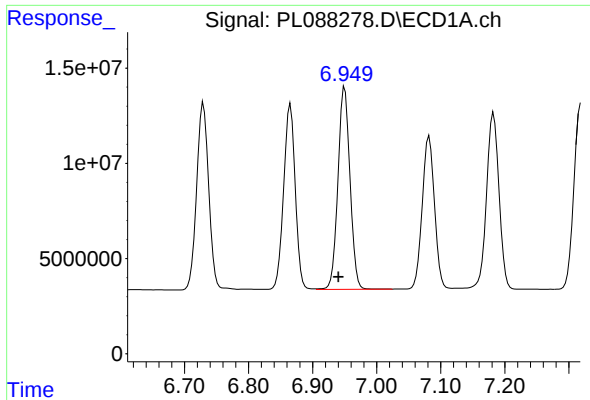
#14 Endrin

R.T.: 6.730 min
Delta R.T.: 0.010 min
Response: 129066482
Conc: 49.63 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: 0.003 min
Response: 68957085
Conc: 46.12 ng/ml



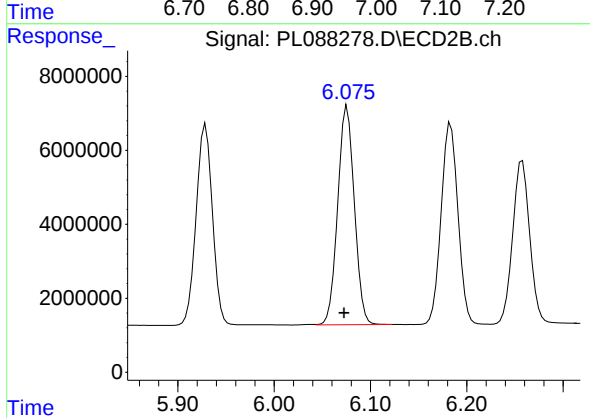
#15 Endosulfan II

R.T.: 6.950 min
Delta R.T.: 0.010 min
Response: 138627815
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

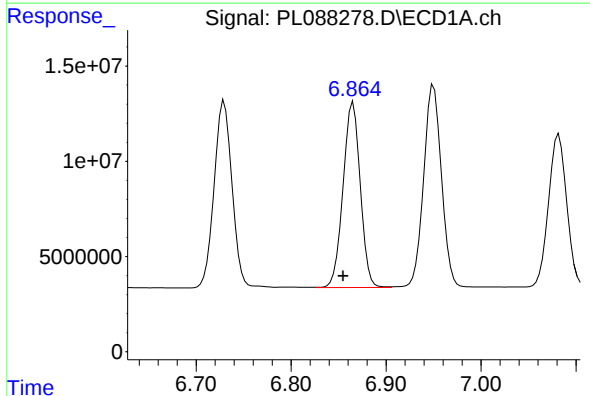
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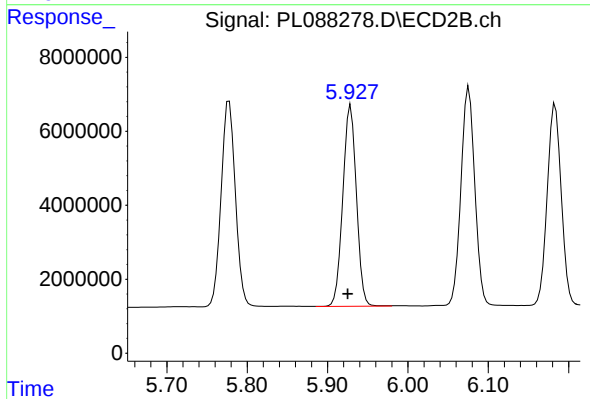
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.003 min
Response: 70822103
Conc: 46.49 ng/ml



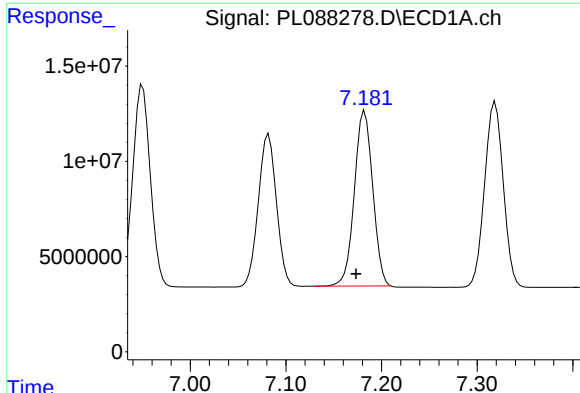
#16 4,4'-DDD

R.T.: 6.865 min
Delta R.T.: 0.011 min
Response: 122547493
Conc: 47.25 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: 0.004 min
Response: 63849558
Conc: 46.73 ng/ml



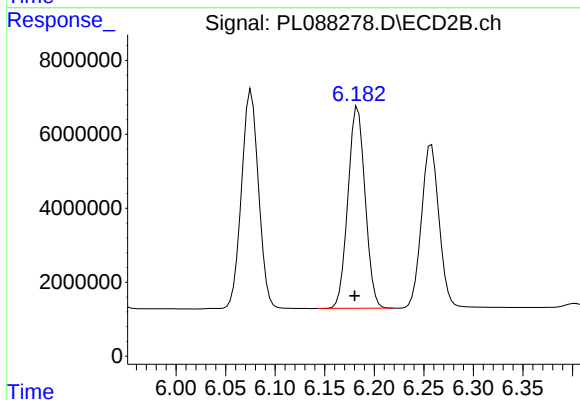
#17 4,4'-DDT

R.T.: 7.183 min
Delta R.T.: 0.009 min
Response: 122973906
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

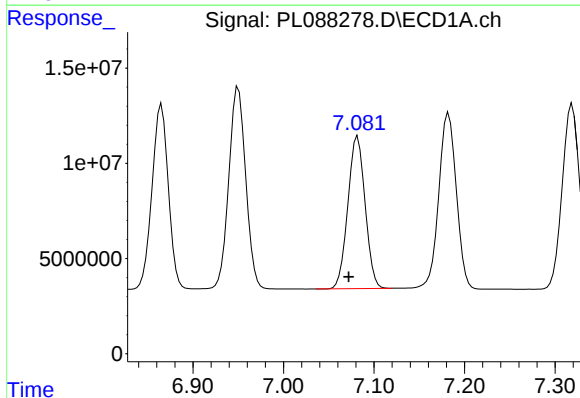
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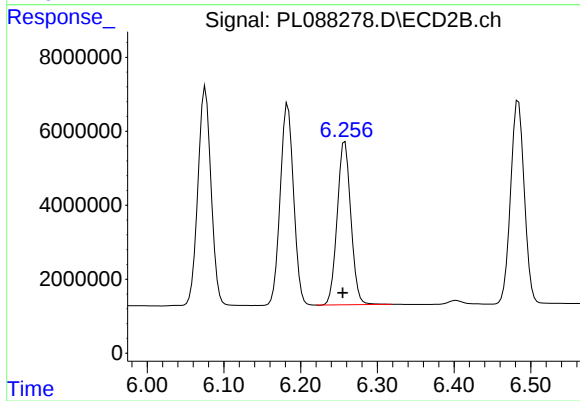
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.003 min
Response: 65897945
Conc: 48.27 ng/ml



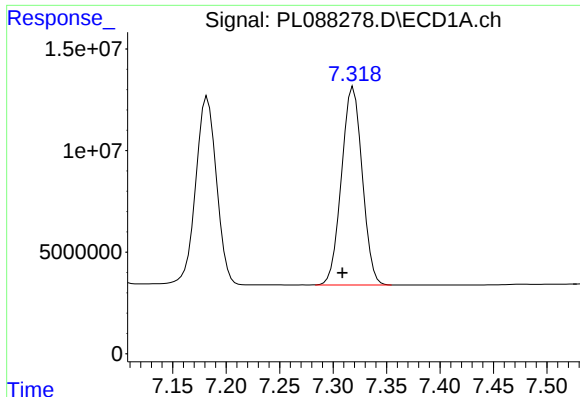
#18 Endrin aldehyde

R.T.: 7.082 min
Delta R.T.: 0.010 min
Response: 105925120
Conc: 51.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: 0.003 min
Response: 54624144
Conc: 50.01 ng/ml



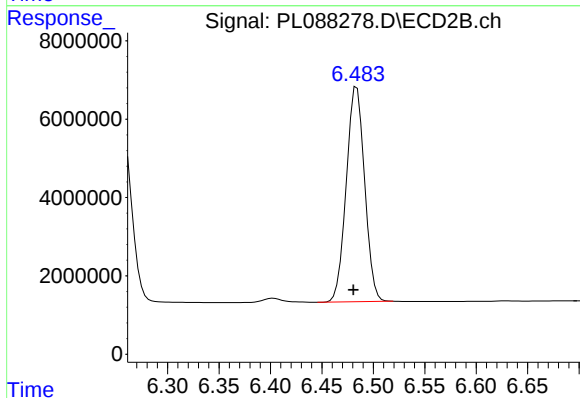
#19 Endosulfan Sulfate

R.T.: 7.318 min
Delta R.T.: 0.009 min
Response: 131808801
Conc: 50.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

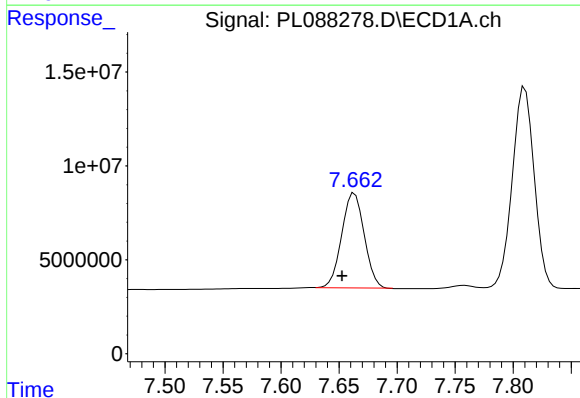
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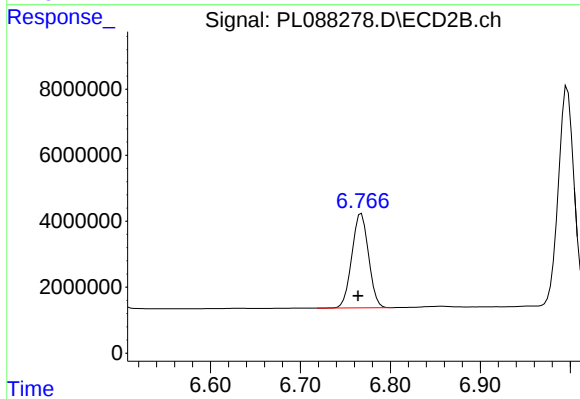
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: 0.003 min
Response: 68219811
Conc: 48.57 ng/ml



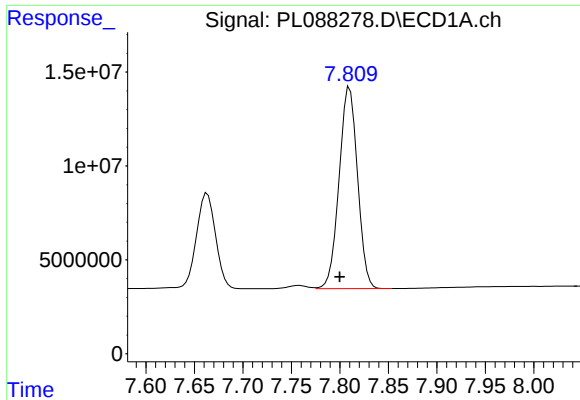
#20 Methoxychlor

R.T.: 7.662 min
Delta R.T.: 0.009 min
Response: 68345442
Conc: 51.63 ng/ml m



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: 0.004 min
Response: 36789403
Conc: 46.94 ng/ml



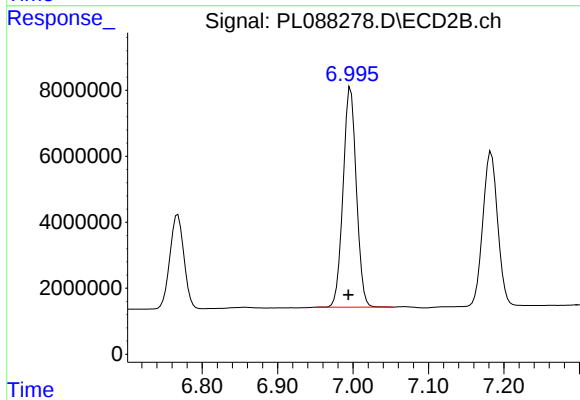
#21 Endrin ketone

R.T.: 7.810 min
Delta R.T.: 0.010 min
Response: 141752512
Conc: 50.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

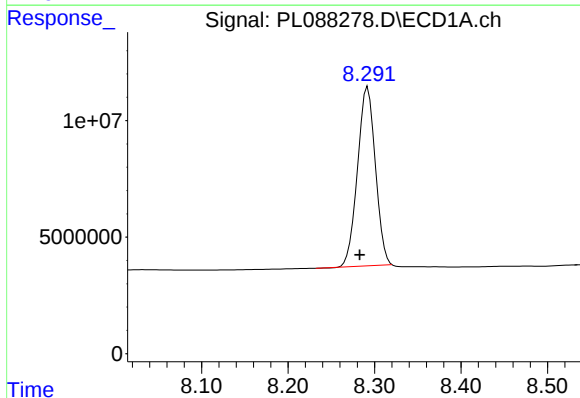
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/27/2024
Supervised By :Ankita Jodhani 02/27/2024



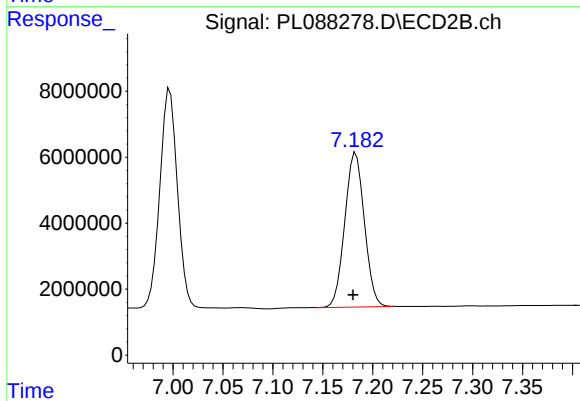
#21 Endrin ketone

R.T.: 6.997 min
Delta R.T.: 0.003 min
Response: 81508827
Conc: 48.68 ng/ml



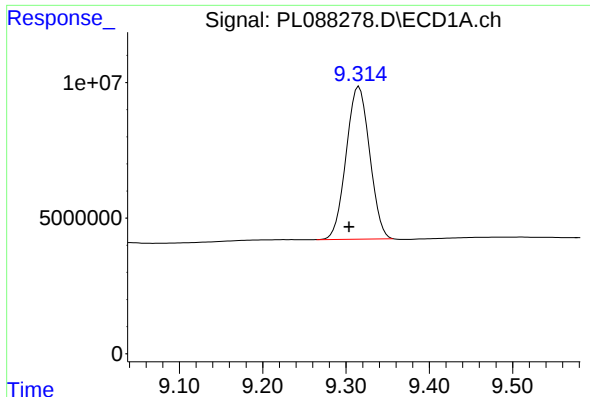
#22 Mirex

R.T.: 8.292 min
Delta R.T.: 0.009 min
Response: 110189665
Conc: 47.55 ng/ml



#22 Mirex

R.T.: 7.182 min
Delta R.T.: 0.001 min
Response: 63897967
Conc: 48.77 ng/ml m



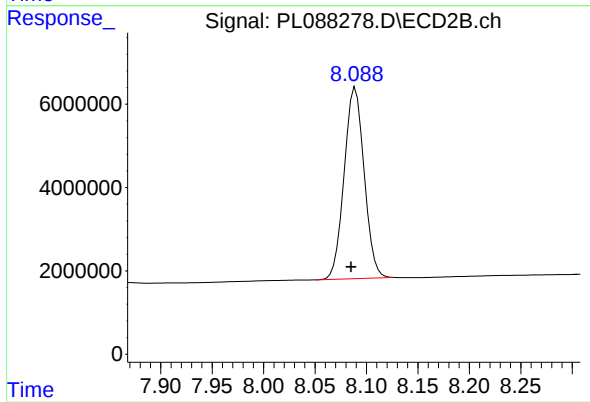
#28 Decachlorobiphenyl

R.T.: 9.314 min
Delta R.T.: 0.010 min
Response: 110175326
Conc: 57.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/27/2024



#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: 0.004 min
Response: 62095290
Conc: 48.77 ng/ml