

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122822\
 Data File : PL079936.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2022 15:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/29/2022
 Supervised By :Ankita Jodhani 12/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 21:08:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122322.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 19:58:15 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...	3.322	2.562	101.4E6	146.9E6	43.257	51.858
28)	SA Decachlor...	8.768	7.629	84456325	110.0E6	42.973	48.215
Target Compounds							
2)	A alpha-BHC	3.782	3.049	159.2E6	232.9E6	44.115	51.849
3)	MA gamma-BHC...	4.115	3.370	145.5E6	209.8E6	42.917	52.556
4)	MA Heptachlor	4.685	3.696	145.9E6	204.6E6	42.989	49.439
5)	MB Aldrin	5.023	3.967	138.5E6	197.3E6	44.011	51.036
6)	B beta-BHC	4.332	3.671	60277621	77019890	41.259	49.839
7)	B delta-BHC	4.572	3.890	132.6E6	207.3E6	46.005	51.644
8)	B Heptachlo...	5.456	4.464	130.0E6	178.7E6	48.179	51.486
9)	A Endosulfan I	5.840	4.827	118.2E6	168.5E6	43.473	50.910
10)	B gamma-Chl...	5.712	4.712	127.1E6	181.3E6	44.007	51.624
11)	B alpha-Chl...	5.788	4.774	126.4E6	176.9E6	43.566	51.414
12)	B 4,4'-DDE	5.972	4.969	111.8E6	167.9E6	43.400	52.473
13)	MA Dieldrin	6.117	5.088	121.4E6	181.2E6	43.680	52.278
14)	MA Endrin	6.348	5.359	103.3E6	151.3E6	40.615	51.129 #
15)	B Endosulfa...	6.578	5.657	102.9E6	142.0E6	41.086	48.703
16)	A 4,4'-DDD	6.495	5.520	104.4E6	150.9E6	49.596m	58.284
17)	MA 4,4'-DDT	6.806	5.767	81517826	115.3E6	34.604	43.057
18)	B Endrin al...	6.709	5.835	78884960	106.7E6	41.960	48.808
19)	B Endosulfa...	6.943	6.058	98654873	142.9E6	41.348	49.948
20)	A Methoxychlor	7.290	6.344	42951908	60529835	35.465	43.450
21)	B Endrin ke...	7.428	6.553	111.1E6	160.2E6	44.010	51.293
22)	Mirex	7.884	6.725	83448883	113.0E6	43.032	47.626

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

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 Acq On : 28 Dec 2022 15:03
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Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

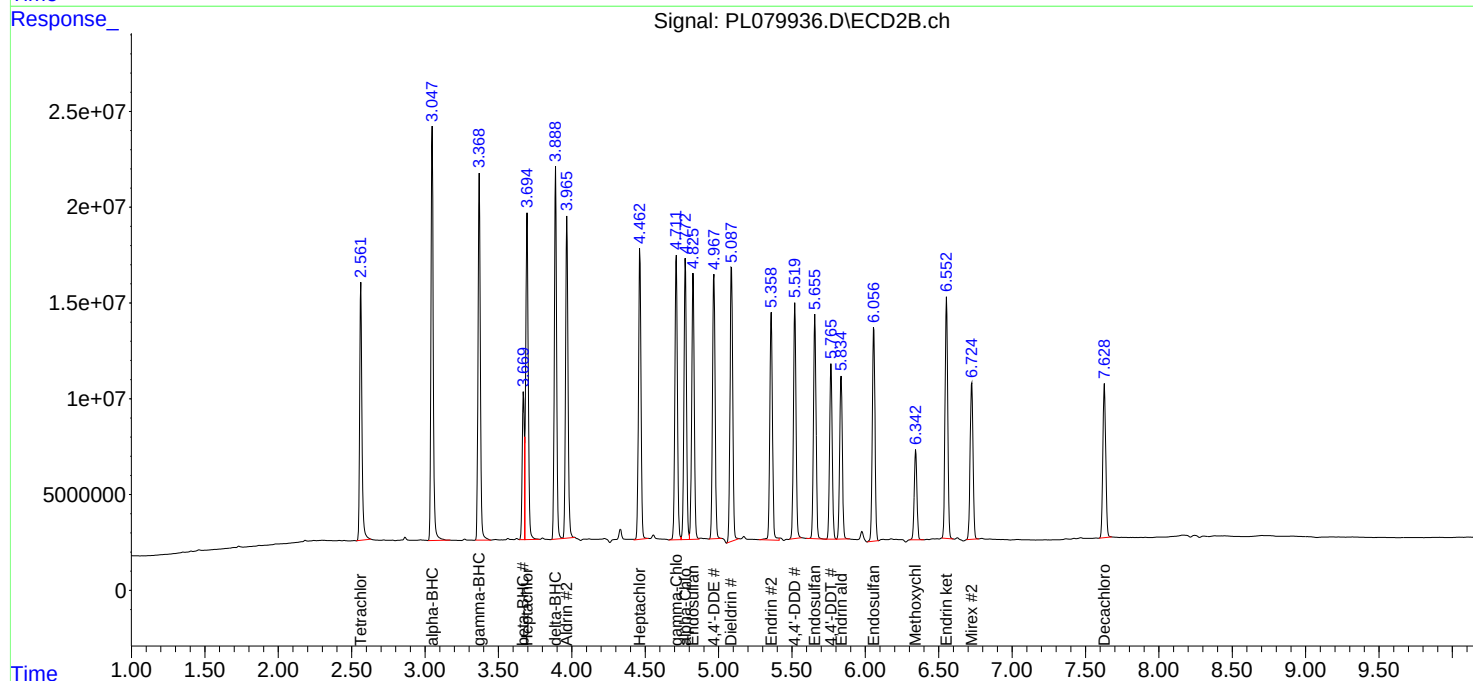
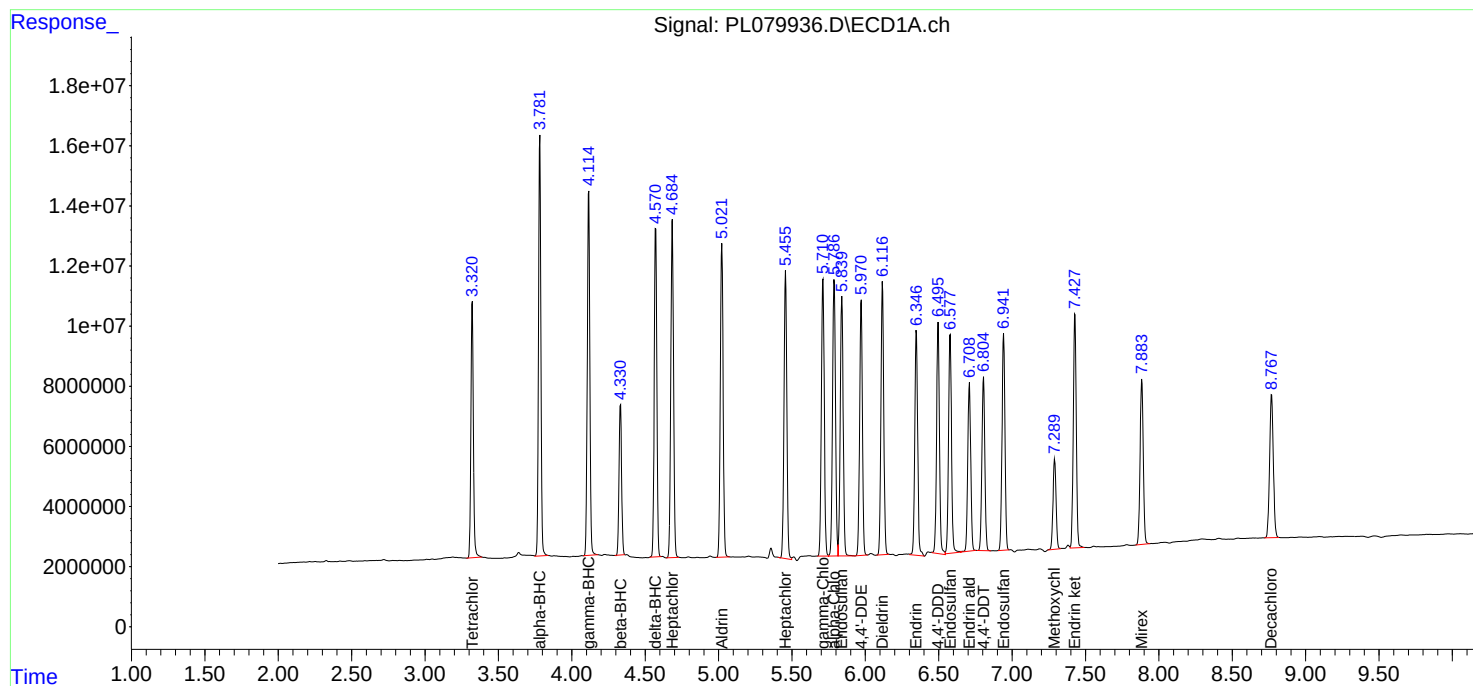
Manual Integrations

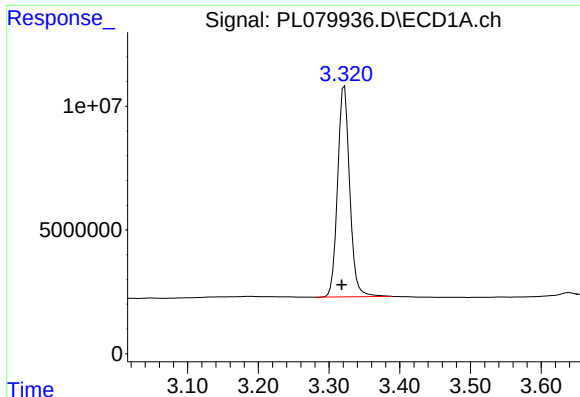
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Reviewed By : Abdul Mirza 12/29/2022
 Supervised By : Ankita Jodhani 12/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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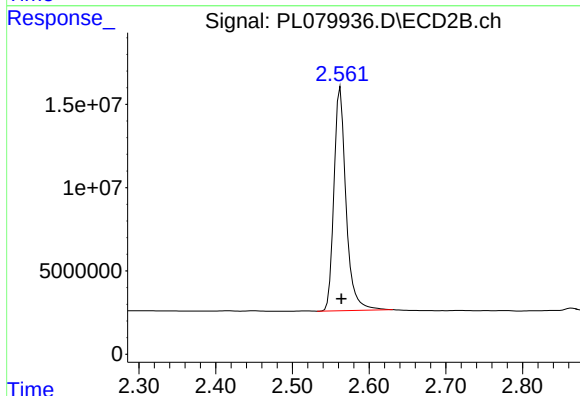
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: 0.004 min
Response: 101431150
Conc: 43.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

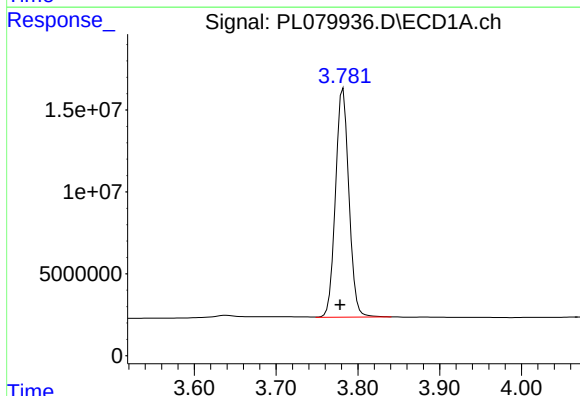
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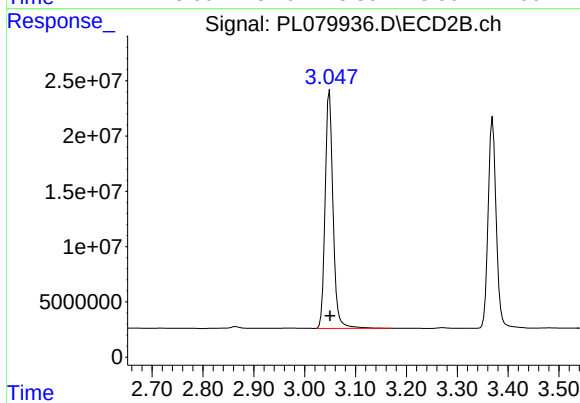
#1 Tetrachloro-m-xylene

R.T.: 2.562 min
Delta R.T.: -0.001 min
Response: 146926700
Conc: 51.86 ng/ml



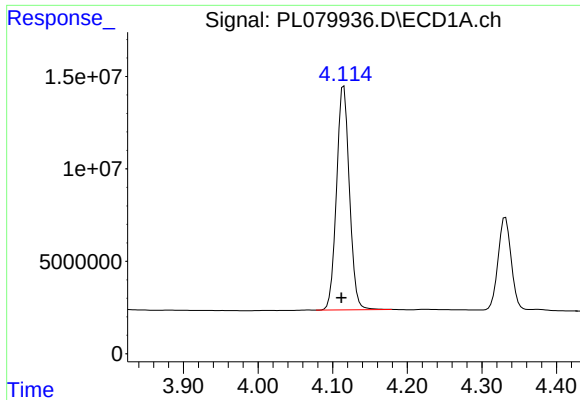
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: 0.004 min
Response: 159196328
Conc: 44.12 ng/ml



#2 alpha-BHC

R.T.: 3.049 min
Delta R.T.: -0.001 min
Response: 232852820
Conc: 51.85 ng/ml



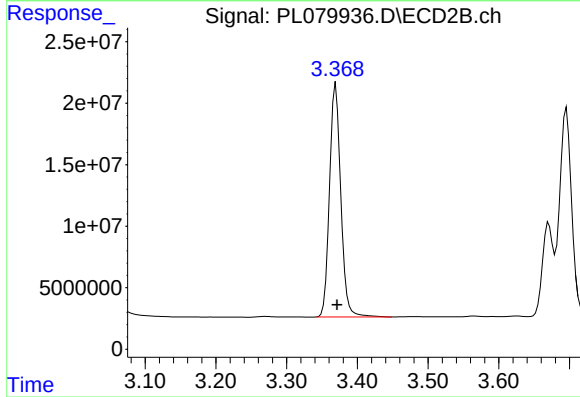
#3 gamma-BHC (Lindane)

R.T.: 4.115 min
Delta R.T.: 0.003 min
Response: 145506411
Conc: 42.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

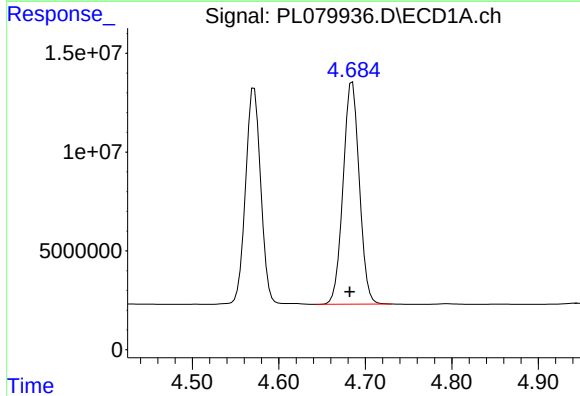
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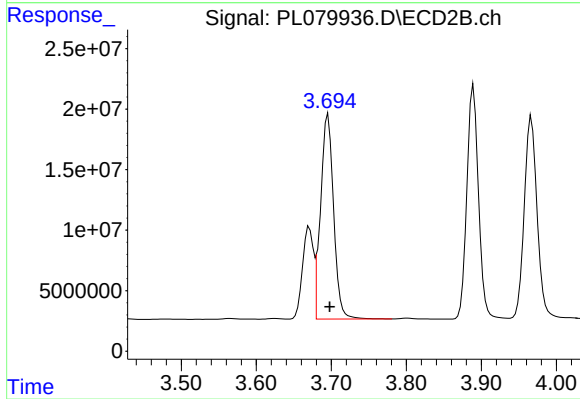
#3 gamma-BHC (Lindane)

R.T.: 3.370 min
Delta R.T.: -0.002 min
Response: 209816721
Conc: 52.56 ng/ml



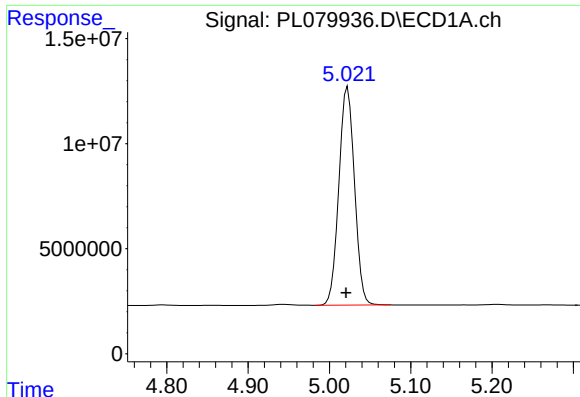
#4 Heptachlor

R.T.: 4.685 min
Delta R.T.: 0.003 min
Response: 145940251
Conc: 42.99 ng/ml



#4 Heptachlor

R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 204550963
Conc: 49.44 ng/ml



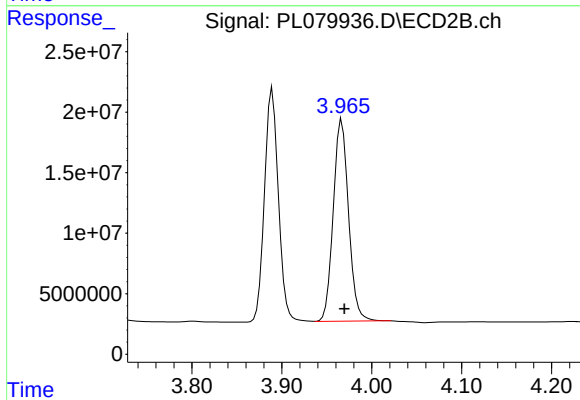
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: 0.002 min
Response: 138522446
Conc: 44.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

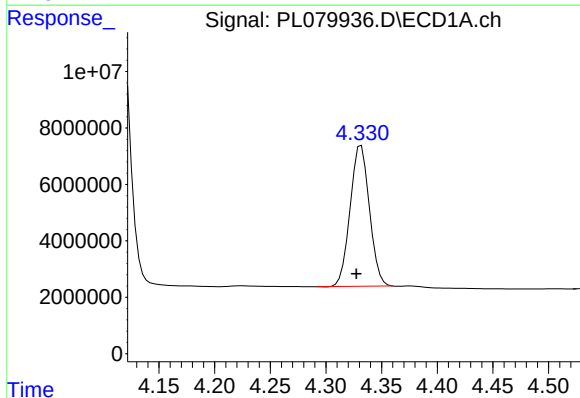
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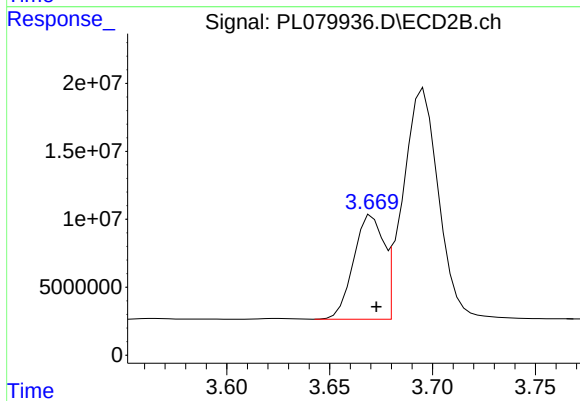
#5 Aldrin

R.T.: 3.967 min
Delta R.T.: -0.003 min
Response: 197289504
Conc: 51.04 ng/ml



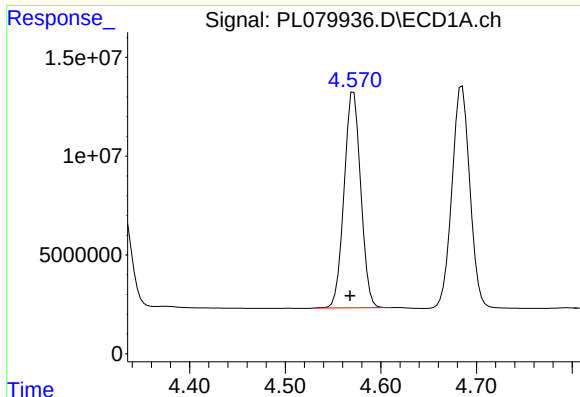
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: 0.004 min
Response: 60277621
Conc: 41.26 ng/ml



#6 beta-BHC

R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 77019890
Conc: 49.84 ng/ml



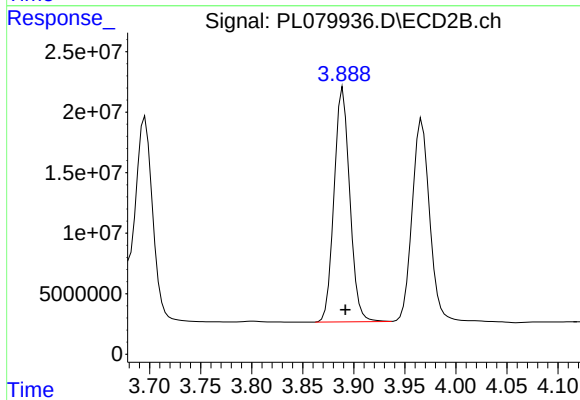
#7 delta-BHC

R.T.: 4.572 min
Delta R.T.: 0.004 min
Response: 132585801
Conc: 46.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

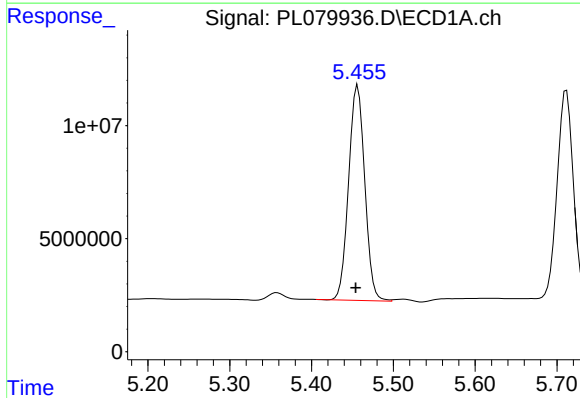
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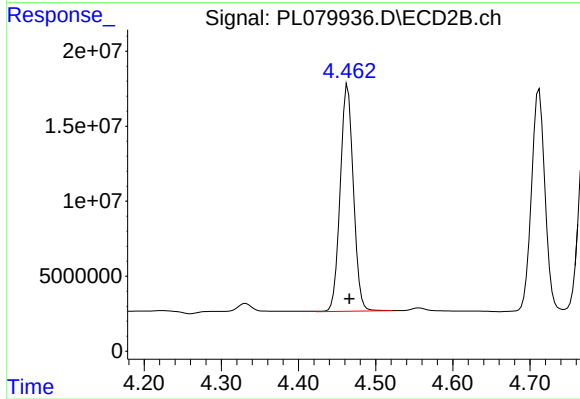
#7 delta-BHC

R.T.: 3.890 min
Delta R.T.: -0.002 min
Response: 207252943
Conc: 51.64 ng/ml



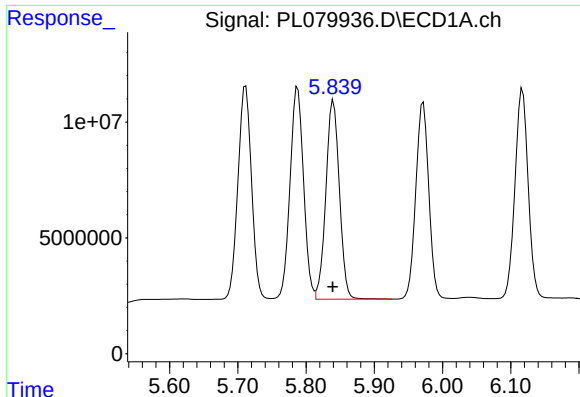
#8 Heptachlor epoxide

R.T.: 5.456 min
Delta R.T.: 0.002 min
Response: 130016468
Conc: 48.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.464 min
Delta R.T.: -0.002 min
Response: 178694532
Conc: 51.49 ng/ml



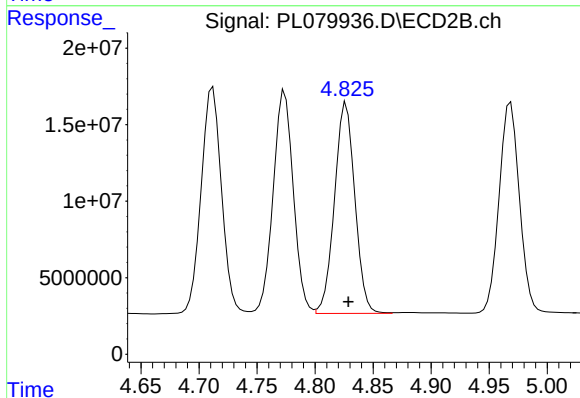
#9 Endosulfan I

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 118203342
Conc: 43.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

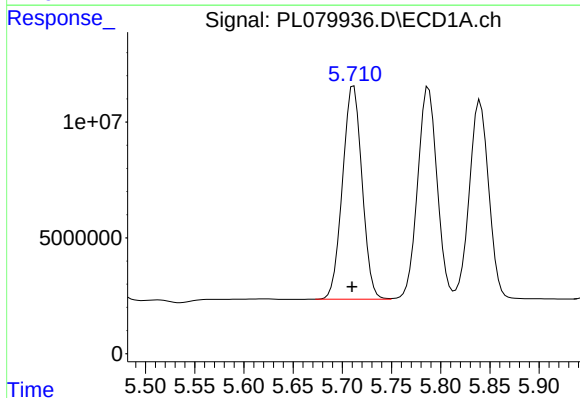
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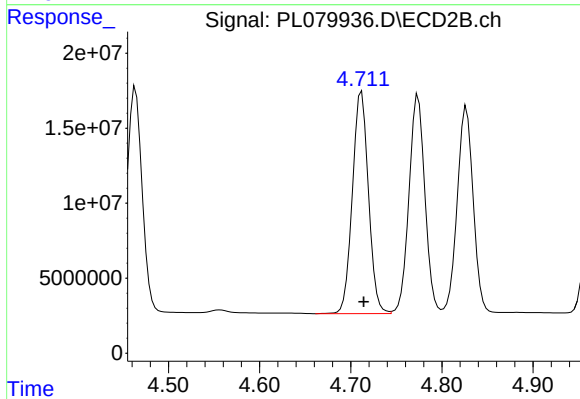
#9 Endosulfan I

R.T.: 4.827 min
Delta R.T.: -0.002 min
Response: 168489316
Conc: 50.91 ng/ml



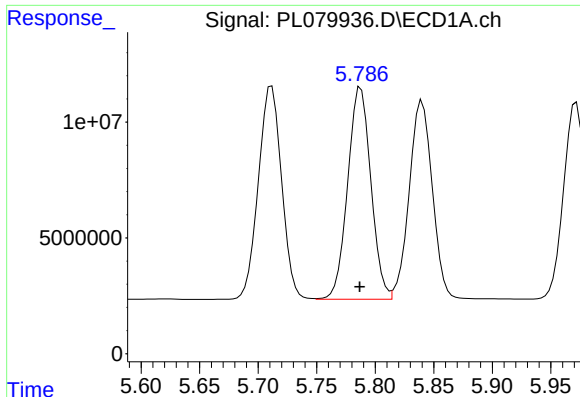
#10 gamma-Chlordane

R.T.: 5.712 min
Delta R.T.: 0.002 min
Response: 127134619
Conc: 44.01 ng/ml



#10 gamma-Chlordane

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 181263884
Conc: 51.62 ng/ml



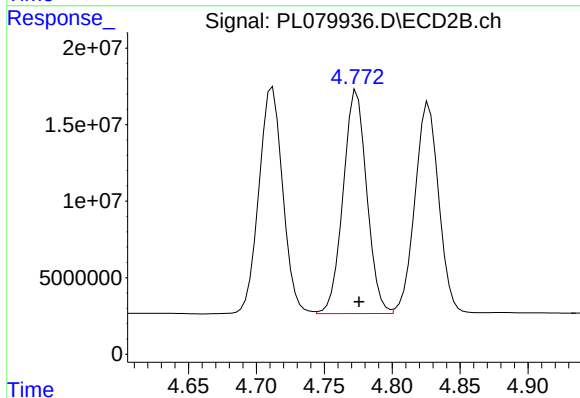
#11 alpha-Chlordane

R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 126398488
Conc: 43.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

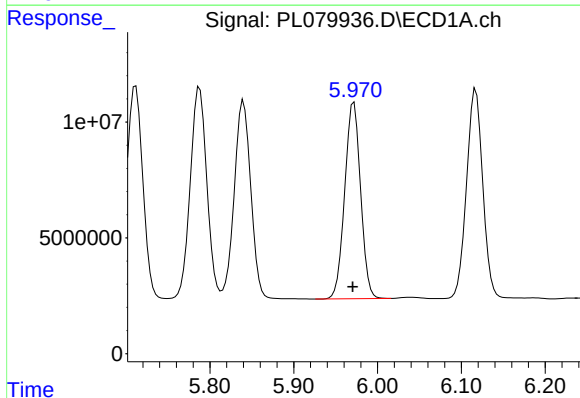
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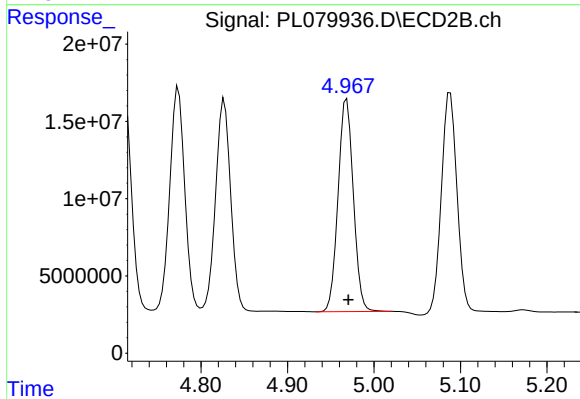
#11 alpha-Chlordane

R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 176920206
Conc: 51.41 ng/ml



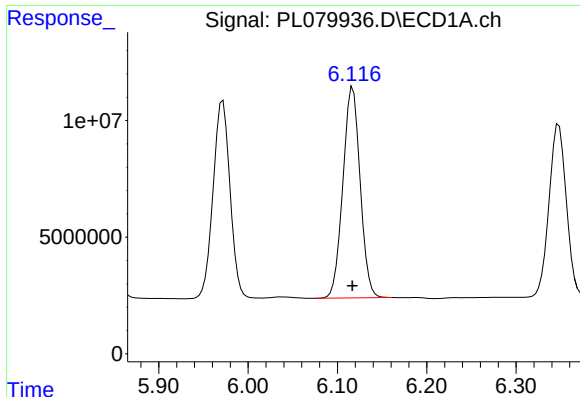
#12 4,4'-DDE

R.T.: 5.972 min
Delta R.T.: 0.001 min
Response: 111768411
Conc: 43.40 ng/ml



#12 4,4'-DDE

R.T.: 4.969 min
Delta R.T.: -0.002 min
Response: 167889318
Conc: 52.47 ng/ml



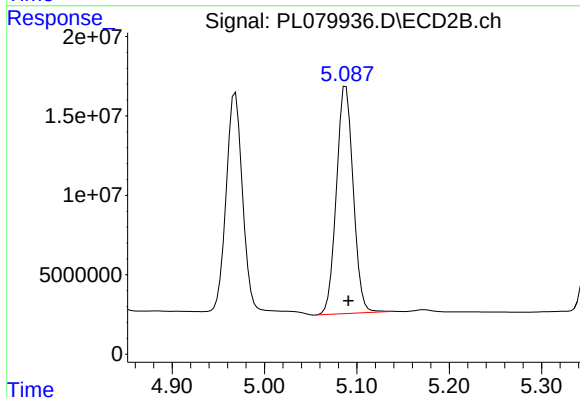
#13 Dieldrin

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 121391038
Conc: 43.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

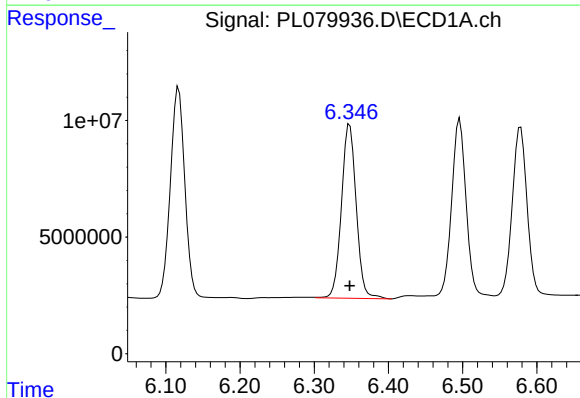
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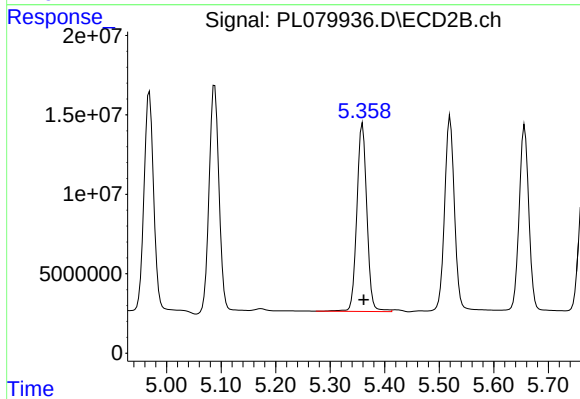
#13 Dieldrin

R.T.: 5.088 min
Delta R.T.: -0.003 min
Response: 181237849
Conc: 52.28 ng/ml



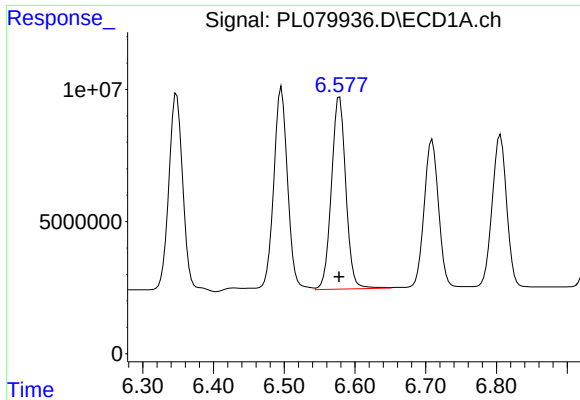
#14 Endrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 103309875
Conc: 40.61 ng/ml



#14 Endrin

R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 151340649
Conc: 51.13 ng/ml



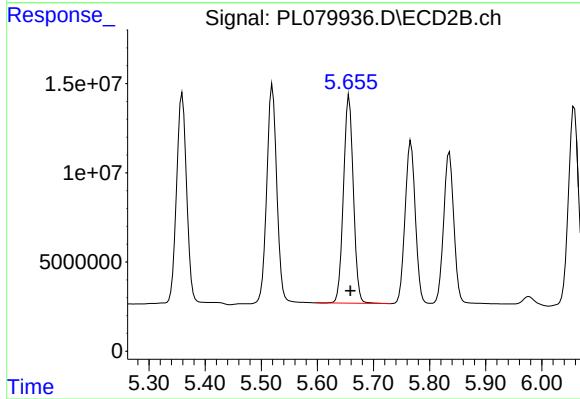
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 102920351
Conc: 41.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

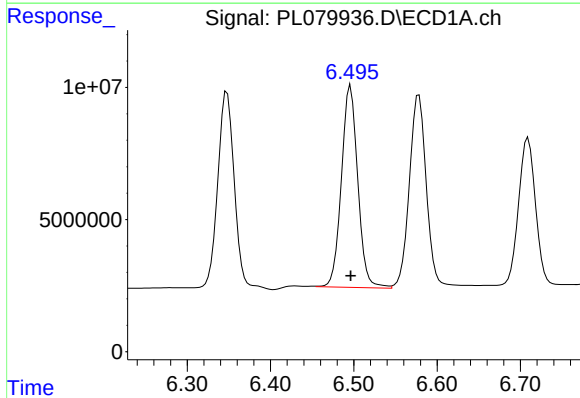
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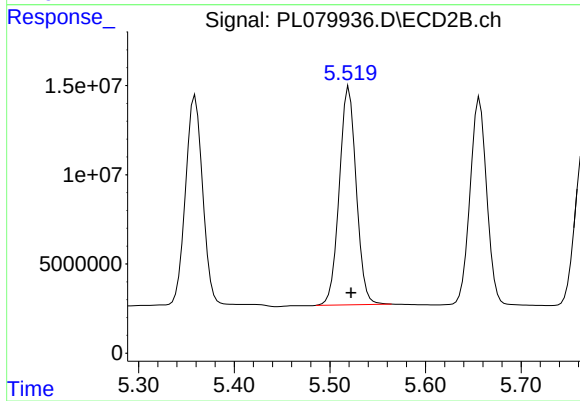
#15 Endosulfan II

R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 141967490
Conc: 48.70 ng/ml



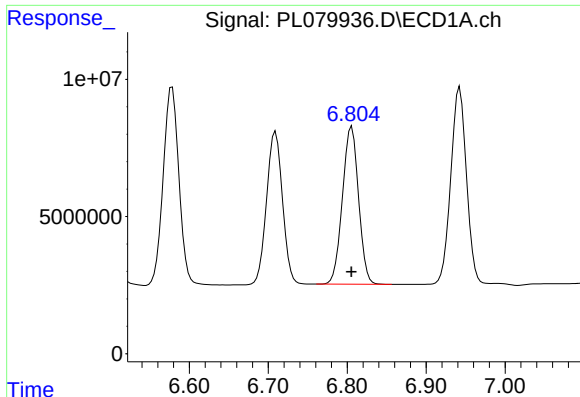
#16 4,4'-DDD

R.T.: 6.495 min
Delta R.T.: -0.002 min
Response: 104392628
Conc: 49.60 ng/ml m



#16 4,4'-DDD

R.T.: 5.520 min
Delta R.T.: -0.002 min
Response: 150909444
Conc: 58.28 ng/ml



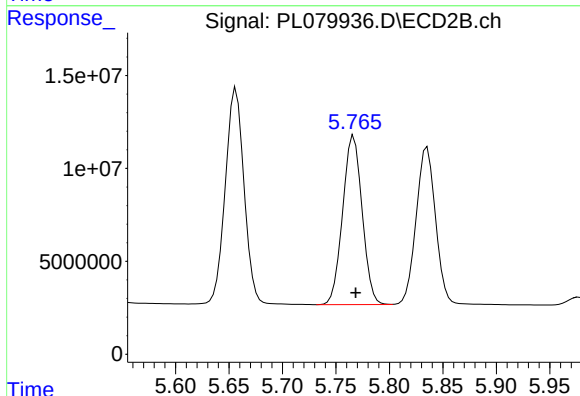
#17 4,4'-DDT

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 81517826
Conc: 34.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

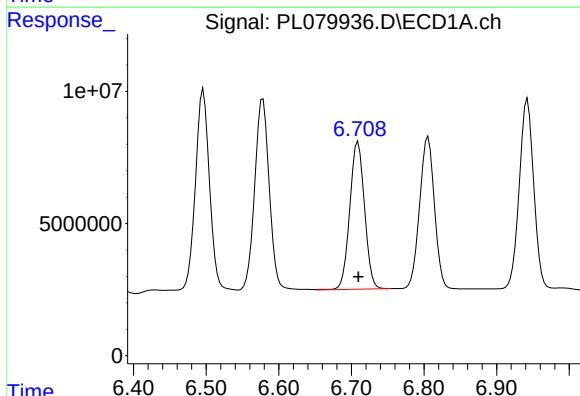
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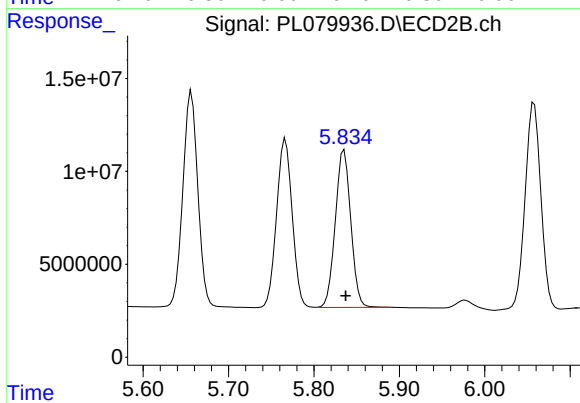
#17 4,4'-DDT

R.T.: 5.767 min
Delta R.T.: -0.002 min
Response: 115294026
Conc: 43.06 ng/ml



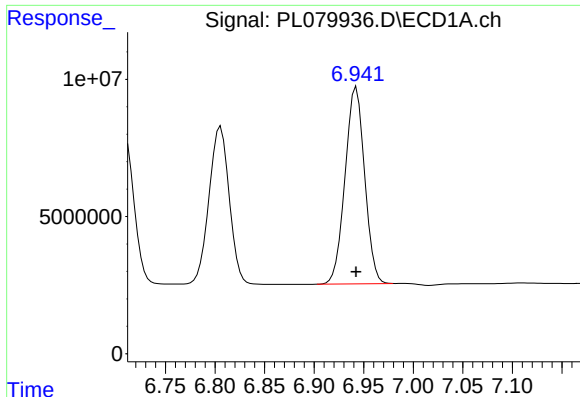
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 78884960
Conc: 41.96 ng/ml



#18 Endrin aldehyde

R.T.: 5.835 min
Delta R.T.: -0.002 min
Response: 106699217
Conc: 48.81 ng/ml



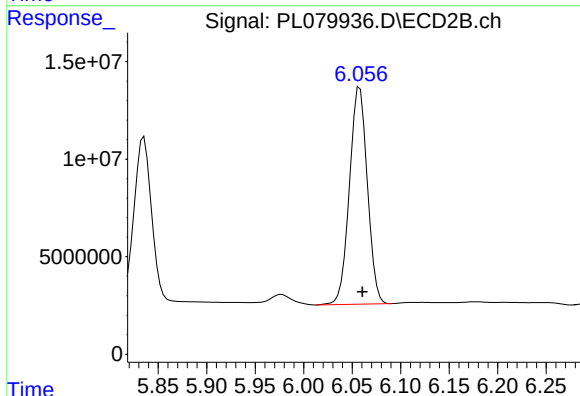
#19 Endosulfan Sulfate

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 98654873
Conc: 41.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

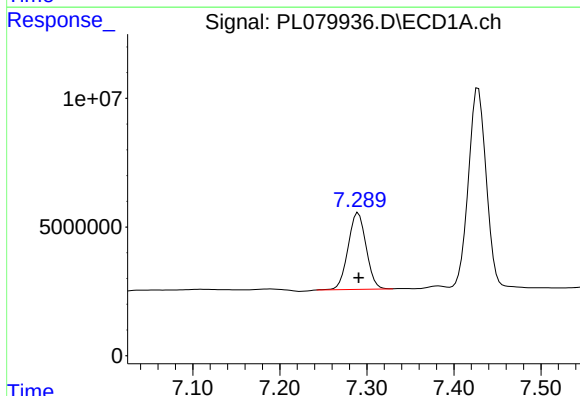
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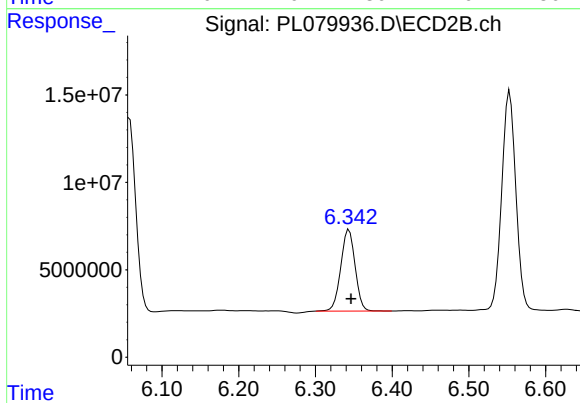
#19 Endosulfan Sulfate

R.T.: 6.058 min
Delta R.T.: -0.003 min
Response: 142923719
Conc: 49.95 ng/ml



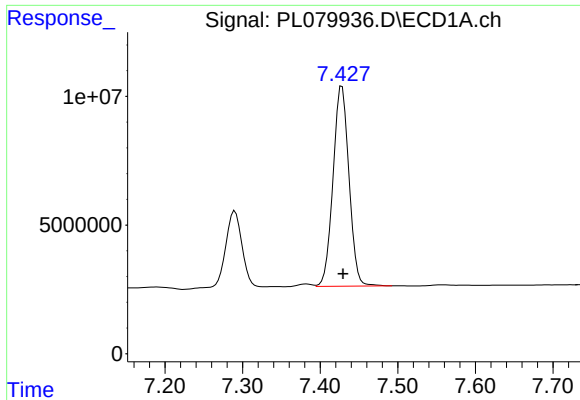
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 42951908
Conc: 35.46 ng/ml



#20 Methoxychlor

R.T.: 6.344 min
Delta R.T.: -0.003 min
Response: 60529835
Conc: 43.45 ng/ml



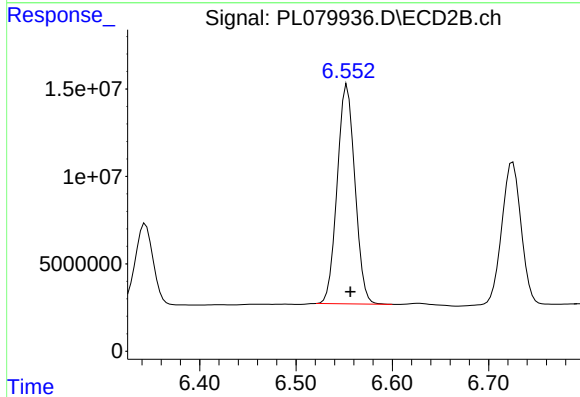
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: -0.002 min
Response: 111095002
Conc: 44.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

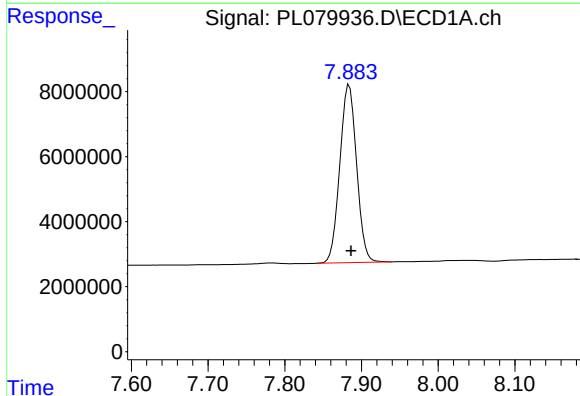
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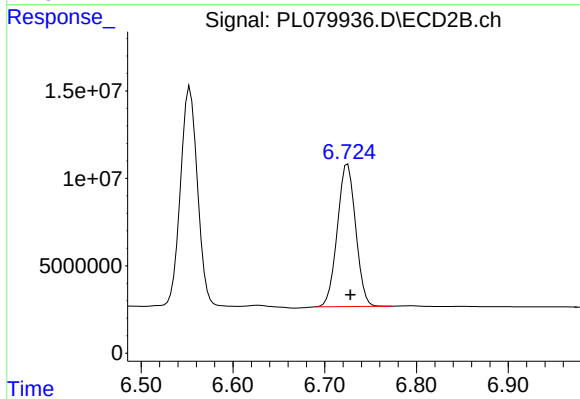
#21 Endrin ketone

R.T.: 6.553 min
Delta R.T.: -0.003 min
Response: 160228604
Conc: 51.29 ng/ml



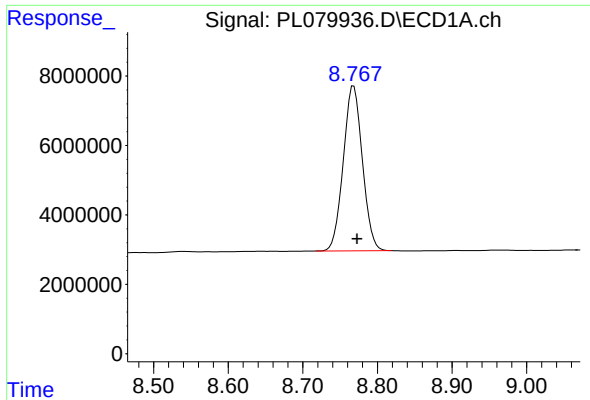
#22 Mirex

R.T.: 7.884 min
Delta R.T.: -0.002 min
Response: 83448883
Conc: 43.03 ng/ml



#22 Mirex

R.T.: 6.725 min
Delta R.T.: -0.003 min
Response: 112979974
Conc: 47.63 ng/ml



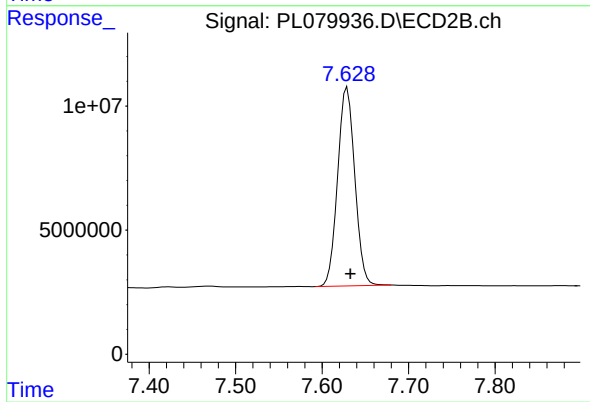
#28 Decachlorobiphenyl

R.T.: 8.768 min
Delta R.T.: -0.005 min
Response: 84456325
Conc: 42.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/29/2022
Supervised By :Ankita Jodhani 12/29/2022



#28 Decachlorobiphenyl

R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 110010139
Conc: 48.22 ng/ml