

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111022\
 Data File : PL079003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2022 16:47
 Operator : AR\AJ
 Sample : PB148955BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB148955BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/11/2022
 Supervised By : Ankita Jodhani 11/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 20:46:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 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...	3.323	2.569	35274330	45157901	18.497	17.687
2)	SA Decachlor...	8.776	7.637	23823606	32978038	15.836	17.411
Target Compounds							
2)	A alpha-BHC	3.784	3.055	148.4E6	183.8E6	51.689	46.553
3)	MA gamma-BHC...	4.117	3.376	136.6E6	170.5E6	51.141	47.447
4)	MA Heptachlor	4.688	3.703	140.2E6	167.3E6	53.992	48.250
5)	MB Aldrin	5.026	3.975	132.5E6	173.8E6	53.495	49.628
6)	B beta-BHC	4.332	3.677	57159340	63542312	49.619	44.285
7)	B delta-BHC	4.572	3.896	100.2E6	168.7E6	43.988	46.325
8)	B Heptachlo...	5.460	4.472	115.6E6	149.5E6	54.433	49.601
9)	A Endosulfan I	5.844	4.835	109.1E6	132.4E6	51.131	46.239
10)	B gamma-Chl...	5.715	4.720	119.5E6	144.8E6	52.933	47.251
11)	B alpha-Chl...	5.791	4.781	118.9E6	140.9E6	51.391	47.283
12)	B 4,4'-DDE	5.975	4.975	102.7E6	136.4E6	51.312	50.111m
13)	MA Dieldrin	6.122	5.095	114.7E6	148.4E6	53.169	50.090m
14)	MA Endrin	6.352	5.367	102.9E6	133.3E6	54.208	51.174
15)	B Endosulfa...	6.582	5.663	95640576	116.6E6	50.977	51.229
16)	A 4,4'-DDD	6.500	5.526	83027716	110.0E6	49.806	50.083m
17)	MA 4,4'-DDT	6.809	5.772	93434439	118.9E6	52.130	54.828m
18)	B Endrin al...	6.714	5.842	77621781	95878111	53.346	51.087
19)	B Endosulfa...	6.947	6.065	94044785	119.4E6	51.113	50.145
20)	A Methoxychlor	7.294	6.351	48376534	63331070	52.532	55.808
21)	B Endrin ke...	7.432	6.560	91236358	131.8E6	48.494	50.984
22)	Mirex	7.889	6.733	69819123	98944900	47.827	50.278

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111022\
Data File : PL079003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Nov 2022 16:47
Operator : AR\AJ
Sample : PB148955BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

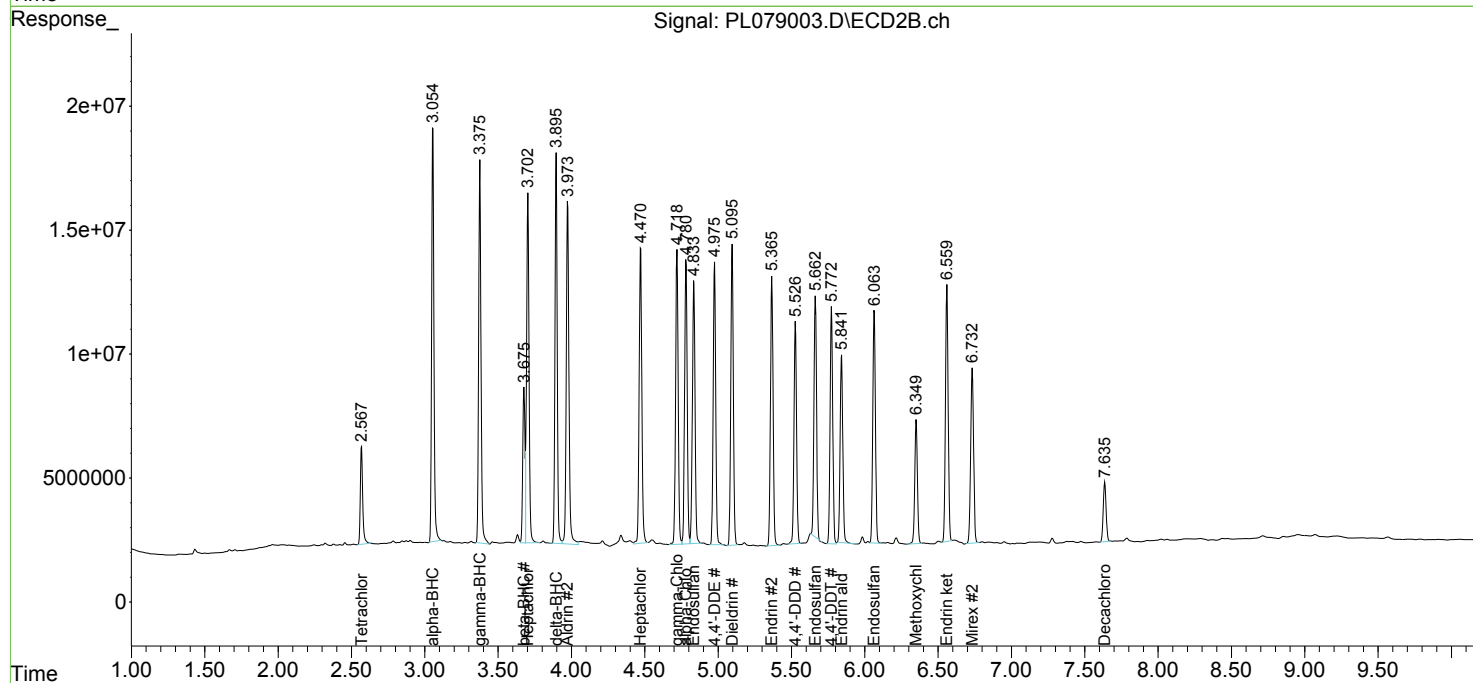
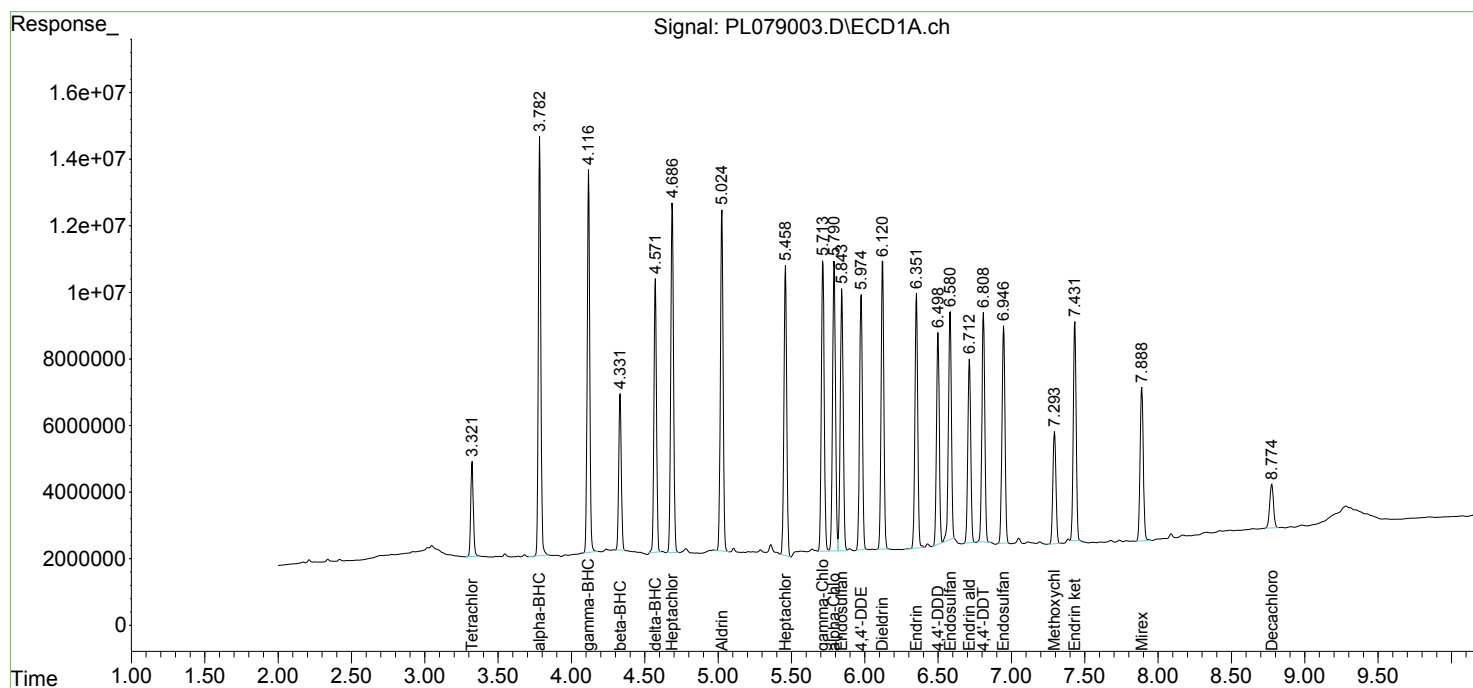
Instrument :
ECD_L
ClientSampleId :
PB148955BS

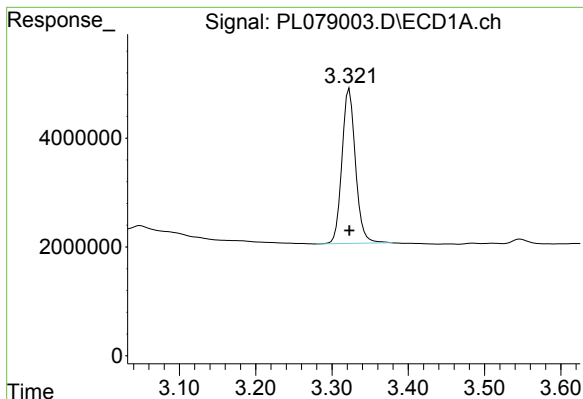
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 10 20:46:34 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 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





#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 35274330
Conc: 18.50 ng/ml

Instrument :

ECD_L

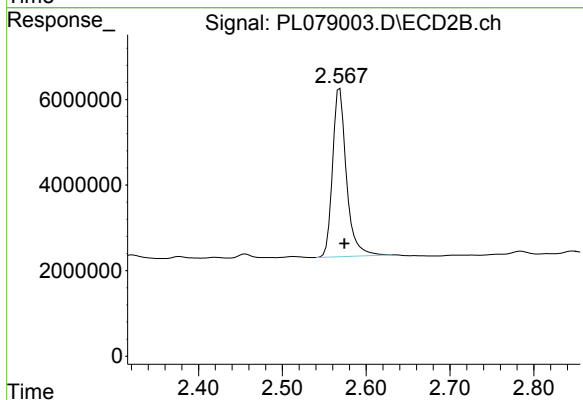
ClientSampleId :

PB148955BS

Manual Integrations

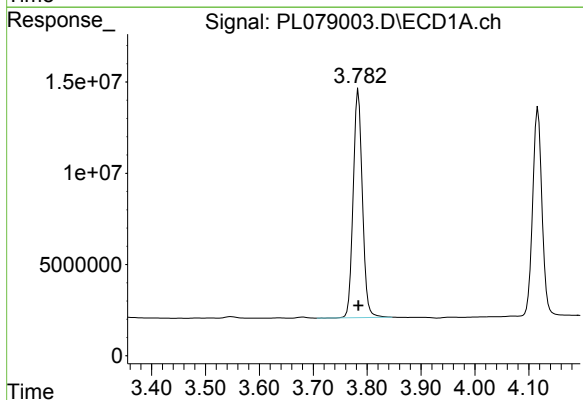
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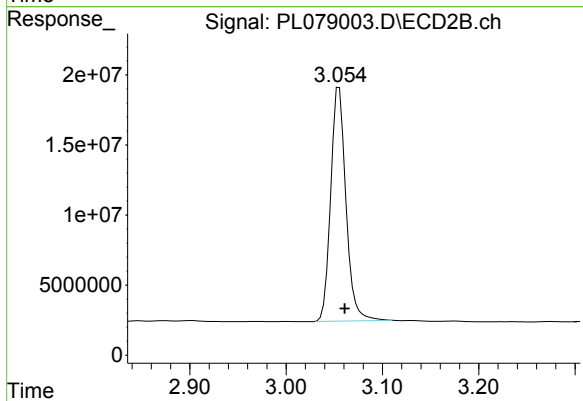
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.005 min
Response: 45157901
Conc: 17.69 ng/ml



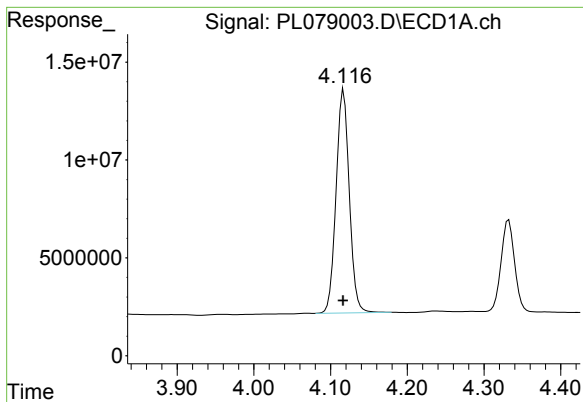
#2 alpha-BHC

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 148417937
Conc: 51.69 ng/ml



#2 alpha-BHC

R.T.: 3.055 min
Delta R.T.: -0.006 min
Response: 183839853
Conc: 46.55 ng/ml



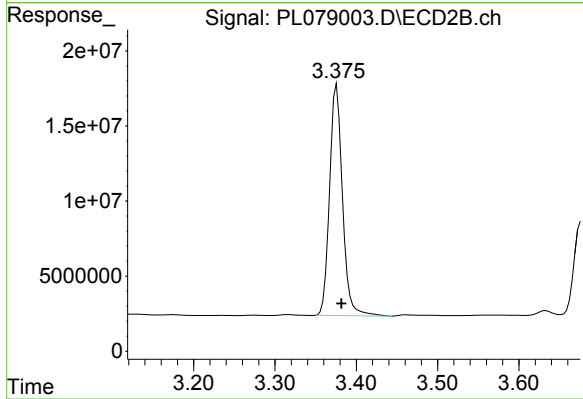
#3 gamma-BHC (Lindane)

R.T.: 4.117 min
Delta R.T.: 0.000 min
Response: 136635604
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BS

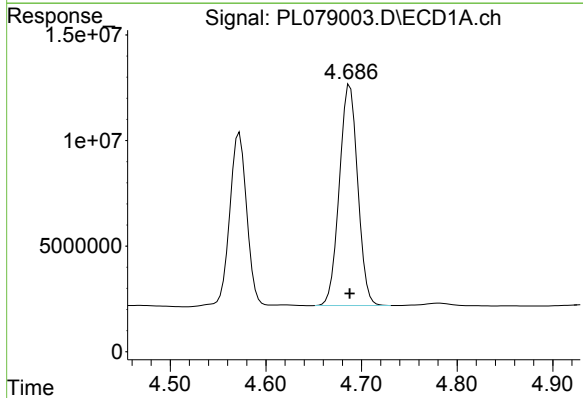
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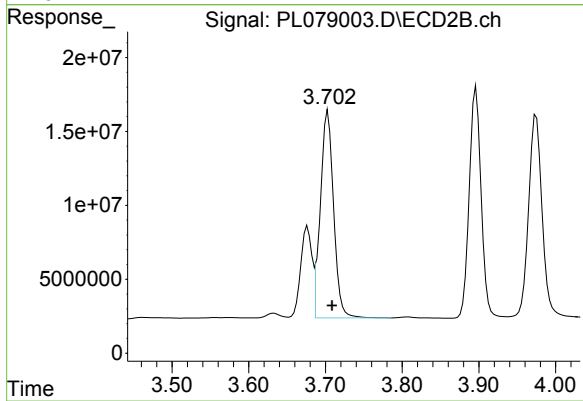
#3 gamma-BHC (Lindane)

R.T.: 3.376 min
Delta R.T.: -0.006 min
Response: 170532811
Conc: 47.45 ng/ml



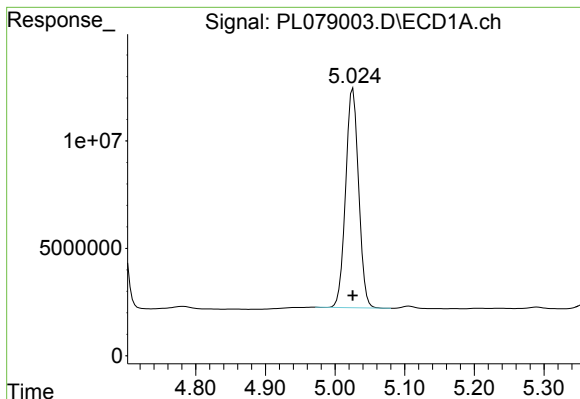
#4 Heptachlor

R.T.: 4.688 min
Delta R.T.: 0.000 min
Response: 140163082
Conc: 53.99 ng/ml



#4 Heptachlor

R.T.: 3.703 min
Delta R.T.: -0.006 min
Response: 167320534
Conc: 48.25 ng/ml



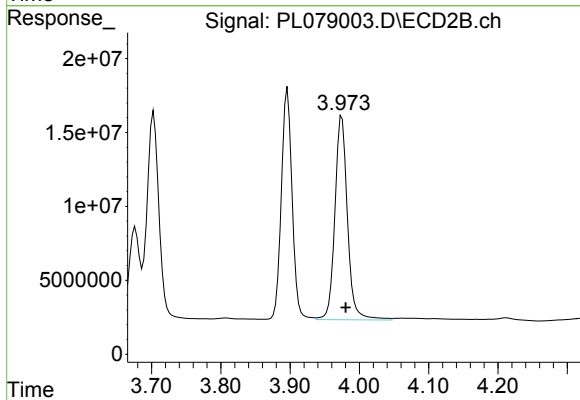
#5 Aldrin

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 132492014
Conc: 53.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BS

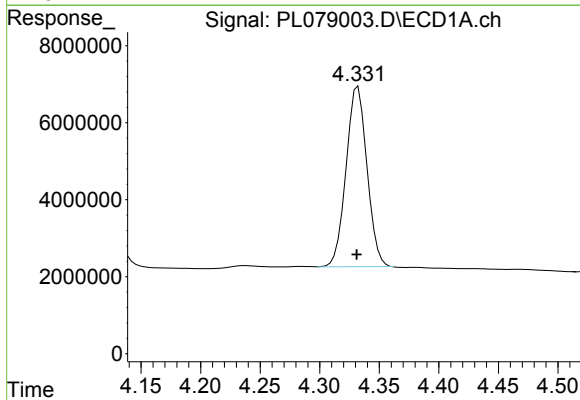
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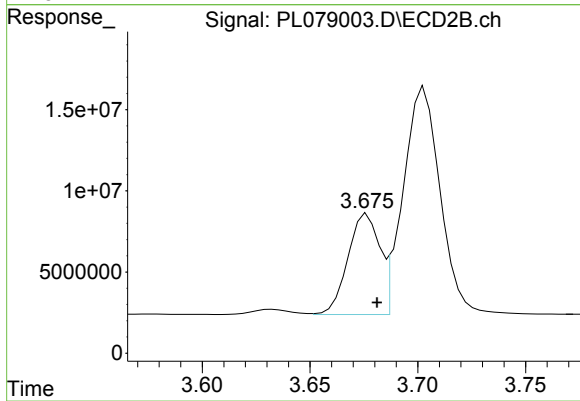
#5 Aldrin

R.T.: 3.975 min
Delta R.T.: -0.006 min
Response: 173782951
Conc: 49.63 ng/ml



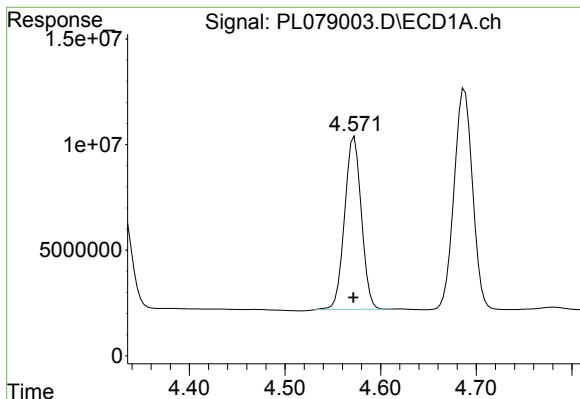
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: 0.001 min
Response: 57159340
Conc: 49.62 ng/ml



#6 beta-BHC

R.T.: 3.677 min
Delta R.T.: -0.005 min
Response: 63542312
Conc: 44.29 ng/ml



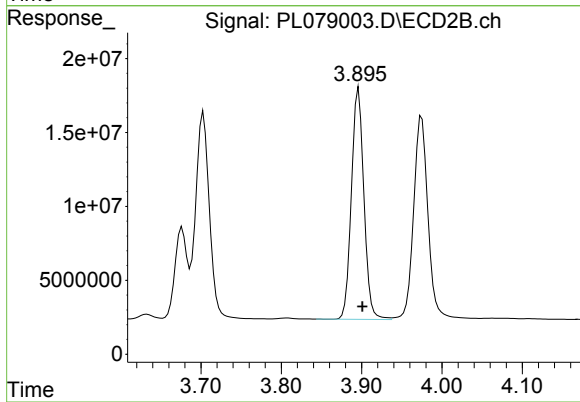
#7 delta-BHC

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 100155116
Conc: 43.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BS

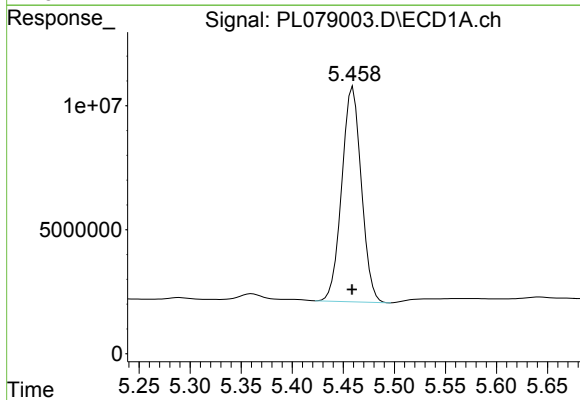
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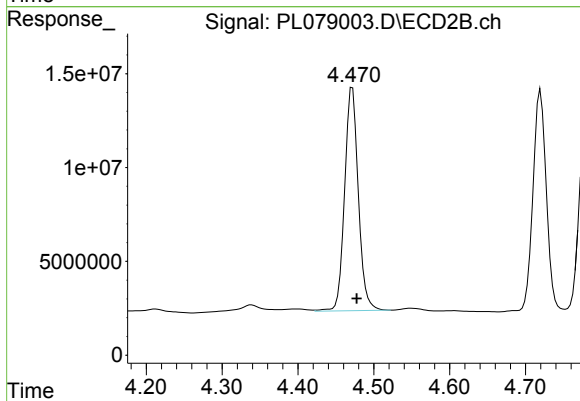
#7 delta-BHC

R.T.: 3.896 min
Delta R.T.: -0.005 min
Response: 168684769
Conc: 46.33 ng/ml



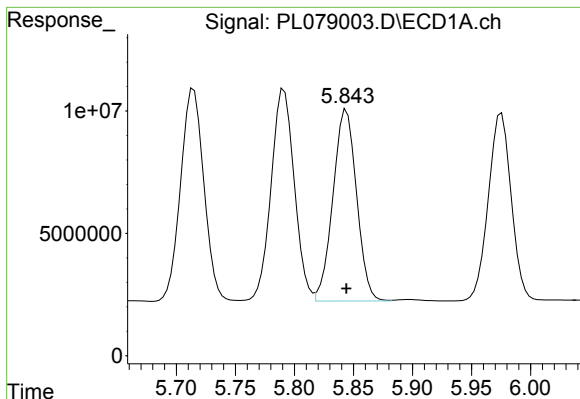
#8 Heptachlor epoxide

R.T.: 5.460 min
Delta R.T.: 0.000 min
Response: 115562838
Conc: 54.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.472 min
Delta R.T.: -0.006 min
Response: 149459782
Conc: 49.60 ng/ml



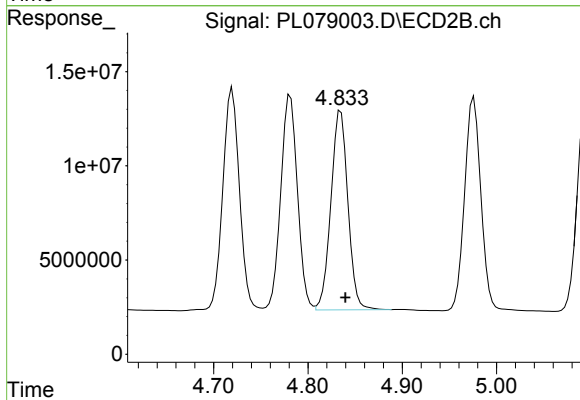
#9 Endosulfan I

R.T.: 5.844 min
Delta R.T.: 0.000 min
Response: 109091825
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BS

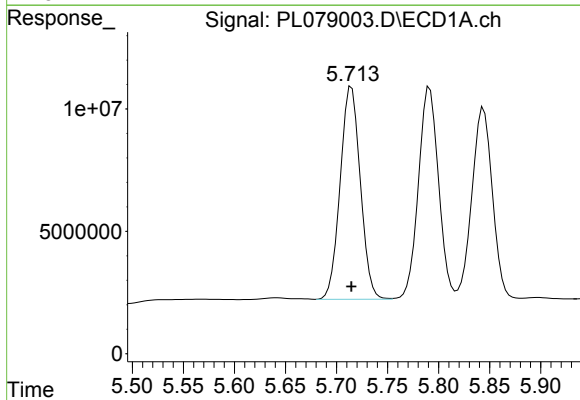
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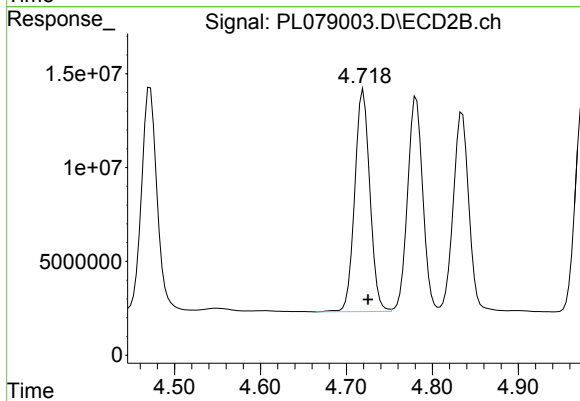
#9 Endosulfan I

R.T.: 4.835 min
Delta R.T.: -0.005 min
Response: 132366226
Conc: 46.24 ng/ml



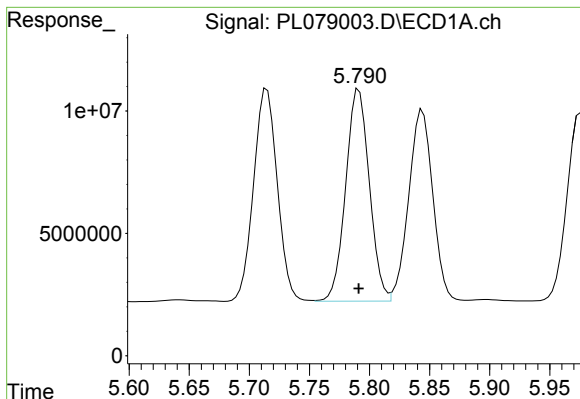
#10 gamma-Chlordane

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 119478665
Conc: 52.93 ng/ml



#10 gamma-Chlordane

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 144799667
Conc: 47.25 ng/ml



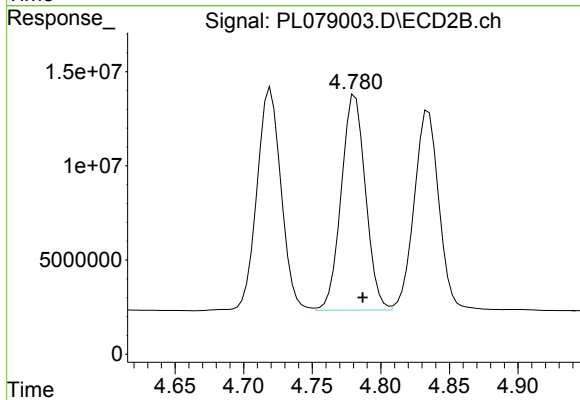
#11 alpha-Chlordane

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 118907363
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BS

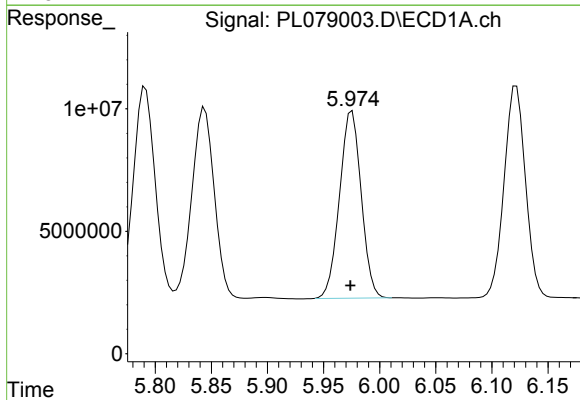
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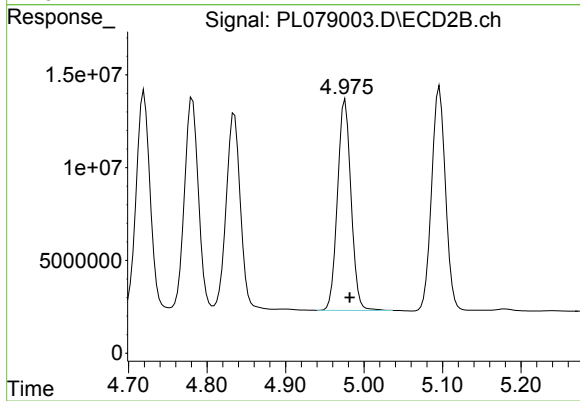
#11 alpha-Chlordane

R.T.: 4.781 min
Delta R.T.: -0.005 min
Response: 140921970
Conc: 47.28 ng/ml



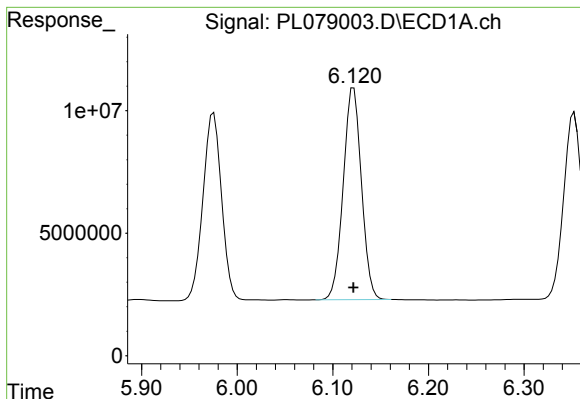
#12 4,4'-DDE

R.T.: 5.975 min
Delta R.T.: 0.001 min
Response: 102692670
Conc: 51.31 ng/ml



#12 4,4'-DDE

R.T.: 4.975 min
Delta R.T.: -0.007 min
Response: 136428547
Conc: 50.11 ng/ml m



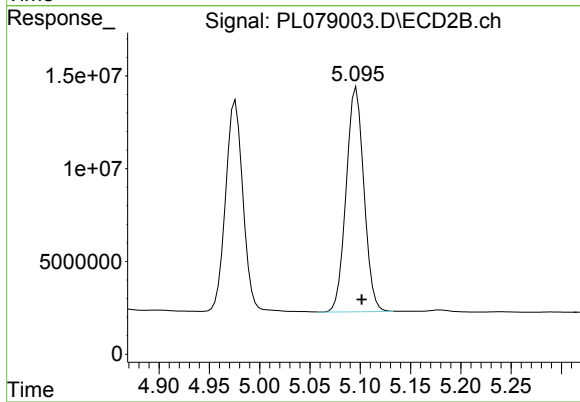
#13 Dieldrin

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 114658499
Conc: 53.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BS

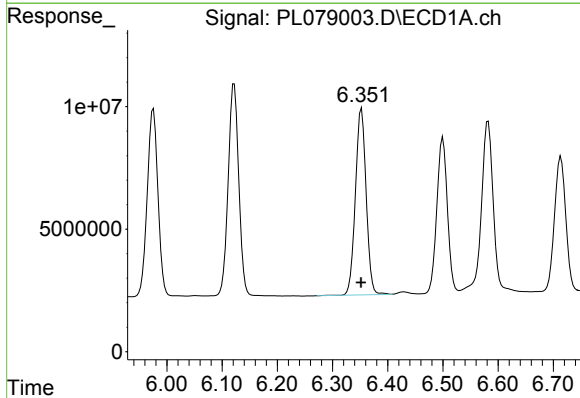
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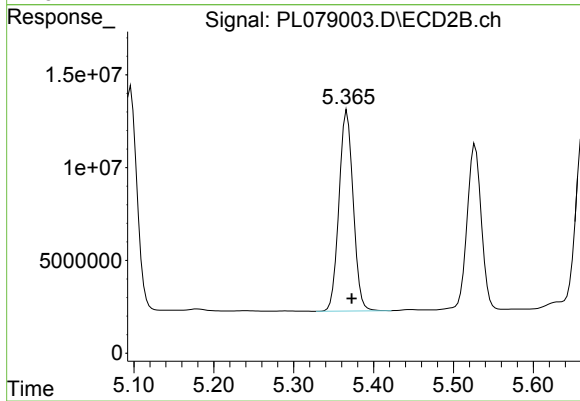
#13 Dieldrin

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 148422601
Conc: 50.09 ng/ml m



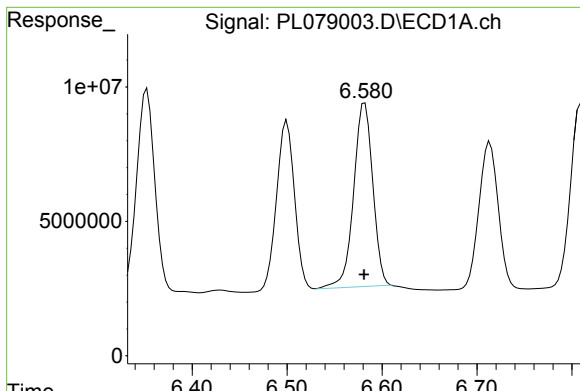
#14 Endrin

R.T.: 6.352 min
Delta R.T.: 0.001 min
Response: 102877734
Conc: 54.21 ng/ml



#14 Endrin

R.T.: 5.367 min
Delta R.T.: -0.006 min
Response: 133322134
Conc: 51.17 ng/ml



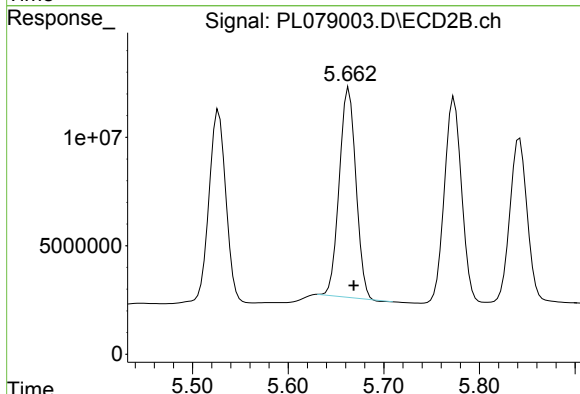
#15 Endosulfan II

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 95640576
Conc: 50.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BS

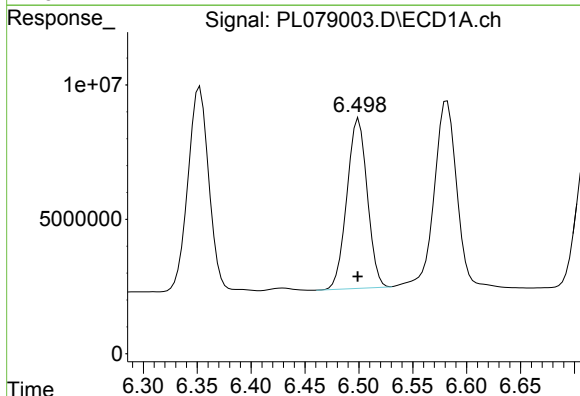
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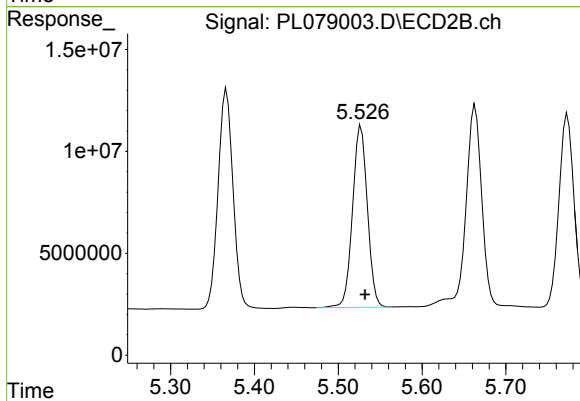
#15 Endosulfan II

R.T.: 5.663 min
Delta R.T.: -0.005 min
Response: 116610504
Conc: 51.23 ng/ml



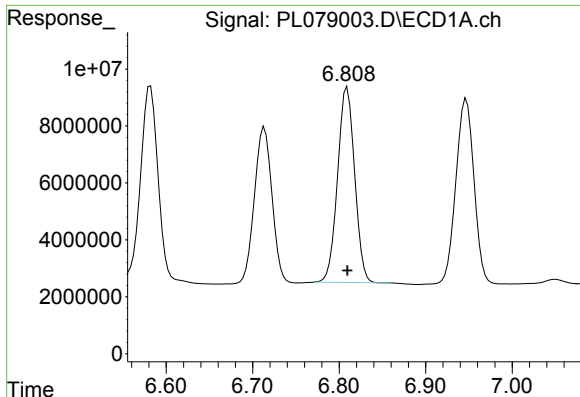
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 83027716
Conc: 49.81 ng/ml



#16 4,4'-DDD

R.T.: 5.526 min
Delta R.T.: -0.006 min
Response: 110002547
Conc: 50.08 ng/ml m



#17 4,4'-DDT

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 93434439
Conc: 52.13 ng/ml

Instrument :

ECD_L

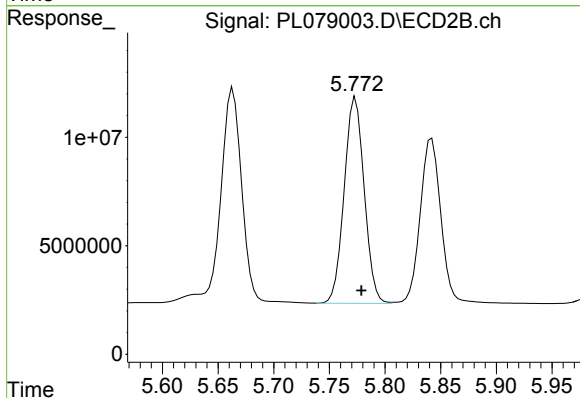
ClientSampleId :

PB148955BS

Manual Integrations

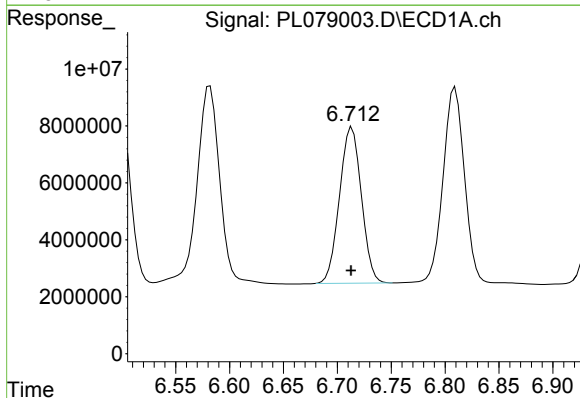
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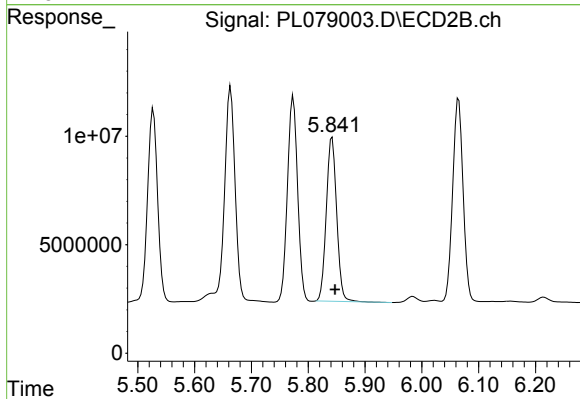
#17 4,4'-DDT

R.T.: 5.772 min
Delta R.T.: -0.007 min
Response: 118929002
Conc: 54.83 ng/ml m



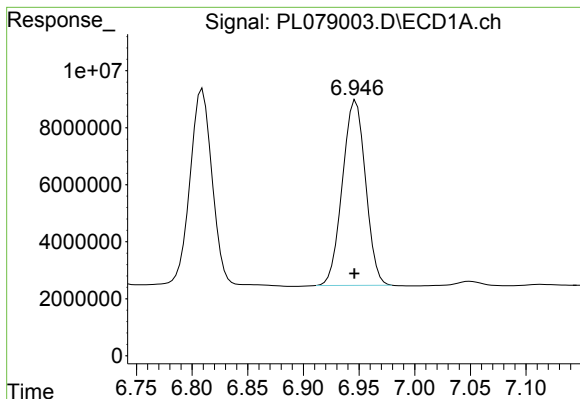
#18 Endrin aldehyde

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 77621781
Conc: 53.35 ng/ml



#18 Endrin aldehyde

R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 95878111
Conc: 51.09 ng/ml



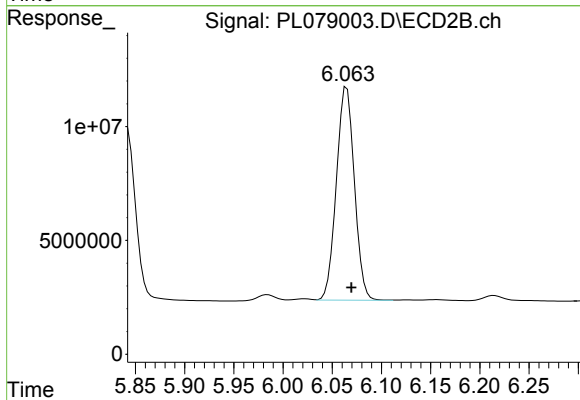
#19 Endosulfan Sulfate

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 94044785
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BS

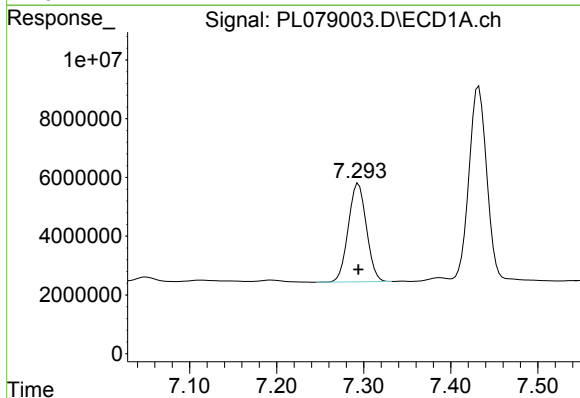
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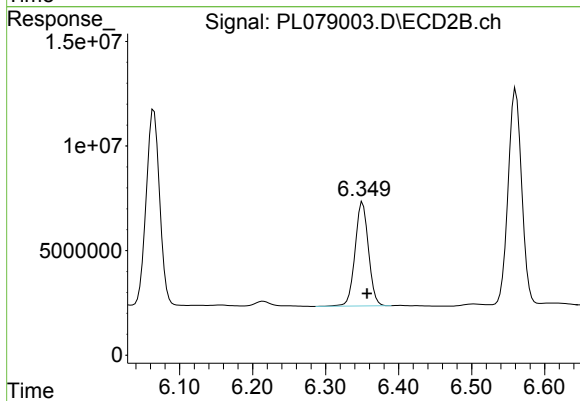
#19 Endosulfan Sulfate

R.T.: 6.065 min
Delta R.T.: -0.005 min
Response: 119369338
Conc: 50.14 ng/ml



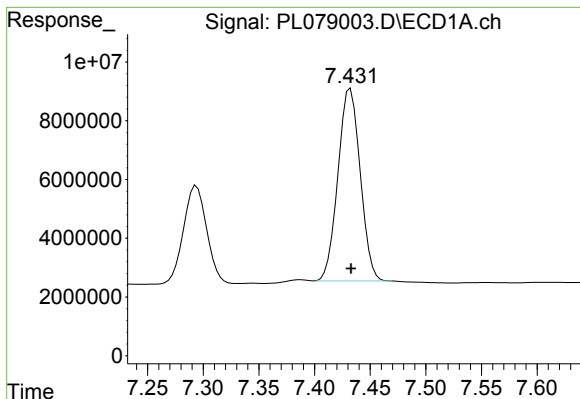
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 48376534
Conc: 52.53 ng/ml



#20 Methoxychlor

R.T.: 6.351 min
Delta R.T.: -0.006 min
Response: 63331070
Conc: 55.81 ng/ml



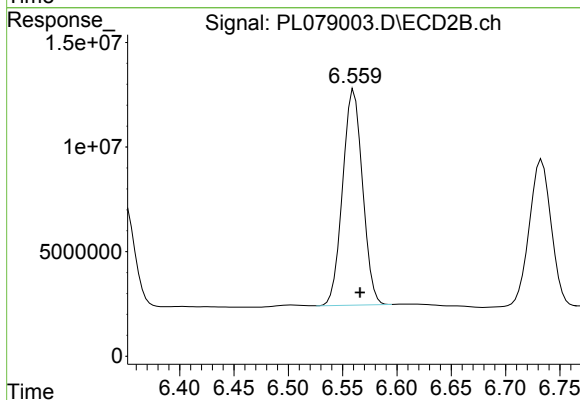
#21 Endrin ketone

R.T.: 7.432 min
Delta R.T.: 0.000 min
Response: 91236358
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BS

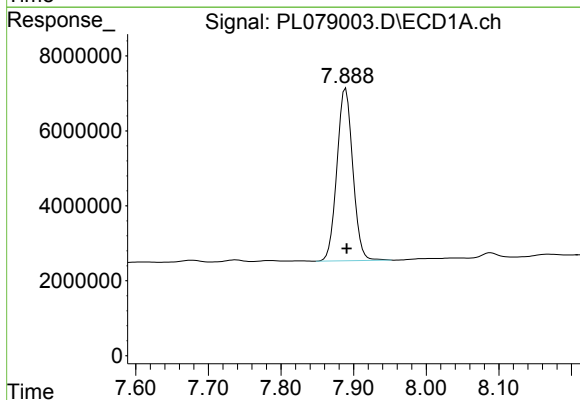
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2022
Supervised By :Ankita Jodhani 11/11/2022



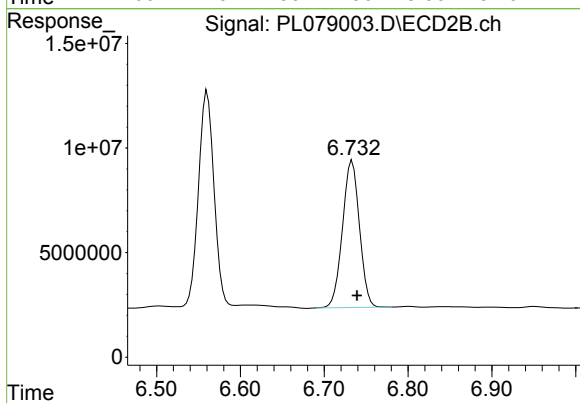
#21 Endrin ketone

R.T.: 6.560 min
Delta R.T.: -0.006 min
Response: 131781301
Conc: 50.98 ng/ml



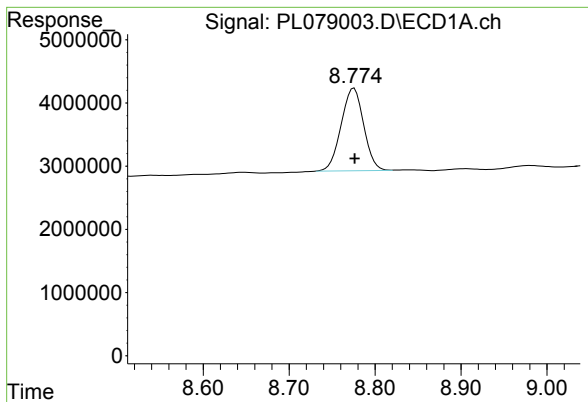
#22 Mirex

R.T.: 7.889 min
Delta R.T.: -0.001 min
Response: 69819123
Conc: 47.83 ng/ml



#22 Mirex

R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 98944900
Conc: 50.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.776 min
Delta R.T.: 0.000 min
Response: 23823606
Conc: 15.84 ng/ml

Instrument :

ECD_L

ClientSampleId :

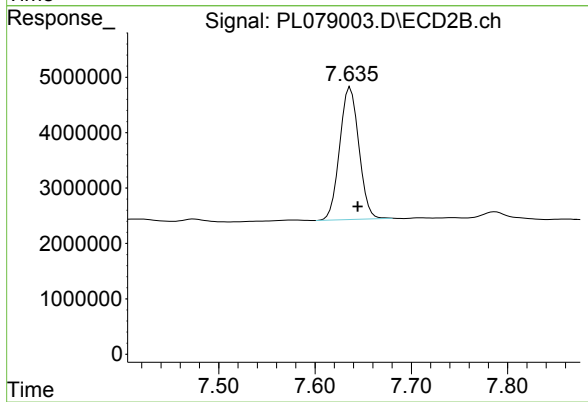
PB148955BS

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#28 Decachlorobiphenyl

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 32978038
Conc: 17.41 ng/ml