

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030424\
 Data File : PL088392.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2024 13:29
 Operator : AR\AJ
 Sample : PB159411BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159411BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/05/2024
 Supervised By : Ankita Jodhani 03/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 00:30:58 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...	3.635	2.854	52811665	25780142	19.227	18.381
28)	SA Decachlor...	9.298	8.081	45480306	27581791	23.615	21.662
Target Compounds							
2)	A alpha-BHC	4.100	3.368	189.5E6	92397971	45.388	44.966
3)	MA gamma-BHC...	4.438	3.704	179.9E6	88047831	44.415	43.968
4)	MA Heptachlor	5.037	4.053	184.0E6	89058149	47.816	48.886
5)	MB Aldrin	5.385	4.338	169.7E6	85937564	44.445	44.310
6)	B beta-BHC	4.635	4.006	81673721	39323081	46.895	44.179
7)	B delta-BHC	4.887	4.241	175.4E6	84679977	46.093	42.450
8)	B Heptachlo...	5.816	4.848	161.4E6	79131064	46.055	45.615
9)	A Endosulfan I	6.207	5.224	145.2E6	73727101	46.399	45.820
10)	B gamma-Chl...	6.075	5.103	161.8E6	82721618	47.608	46.374
11)	B alpha-Chl...	6.156	5.168	160.2E6	82415750	46.937	46.263
12)	B 4,4'-DDE	6.330	5.361	141.8E6	74419869	46.753	46.822
13)	MA Dieldrin	6.485	5.493	154.2E6	80360946	46.890	46.576
14)	MA Endrin	6.718	5.772	131.0E6	73471299	50.374	49.140
15)	B Endosulfa...	6.938	6.070	134.9E6	71682475	47.121	47.054
16)	A 4,4'-DDD	6.853	5.922	122.0E6	62564843	47.033	45.794
17)	MA 4,4'-DDT	7.171	6.176	129.1E6	69108179	49.117	50.620
18)	B Endrin al...	7.069	6.251	102.4E6	54359336	49.524	49.772
19)	B Endosulfa...	7.306	6.476	127.7E6	68668392	49.020	48.894
20)	A Methoxychlor	7.651	6.760	69536921	39351590	52.532	50.209
21)	B Endrin ke...	7.798	6.989	136.6E6	80189800	48.754	47.897
22)	Mirex	8.279	7.174	108.6E6	65908986	46.863	50.308m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030424\
Data File : PL088392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Mar 2024 13:29
Operator : AR\AJ
Sample : PB159411BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB159411BS

Manual Integrations

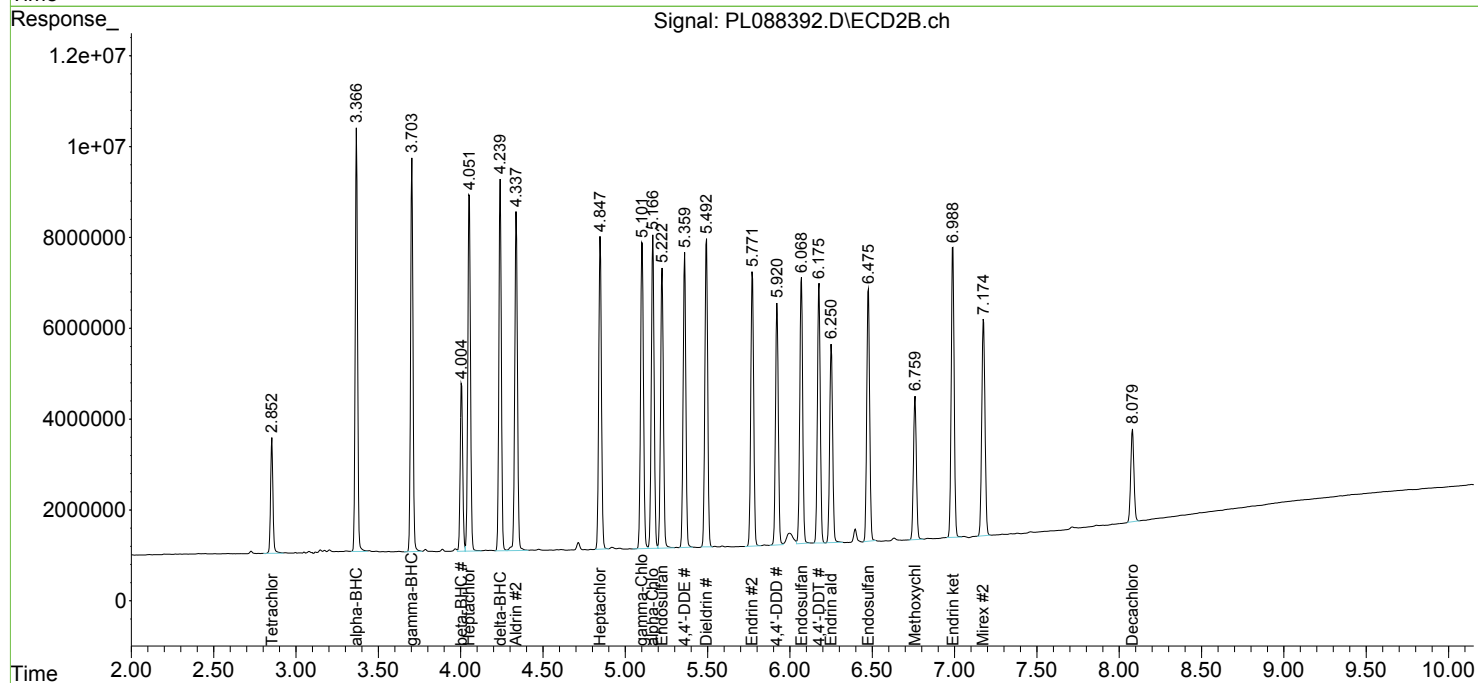
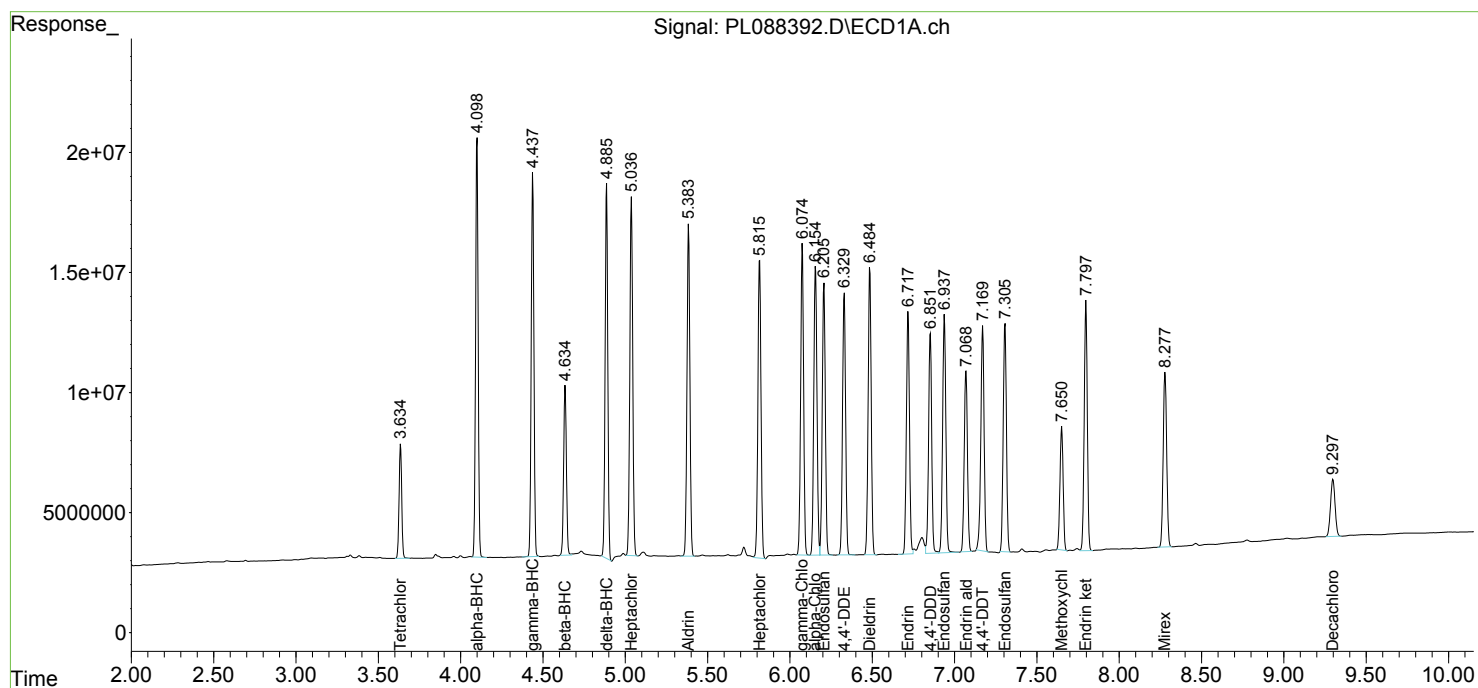
APPROVED

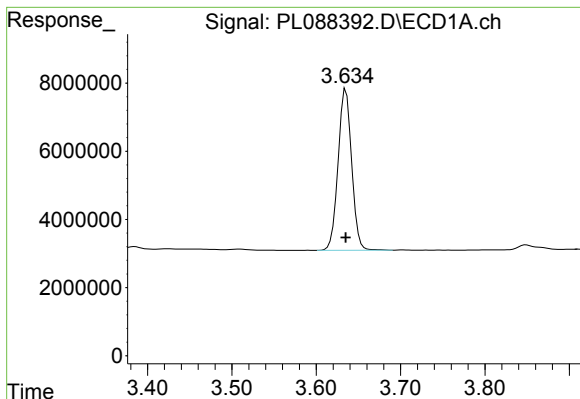
Reviewed By :Abdul Mirza 03/05/2024

Supervised By :Ankita Jodhani 03/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 00:30:58 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





#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 52811665
Conc: 19.23 ng/ml

Instrument :

ECD_L

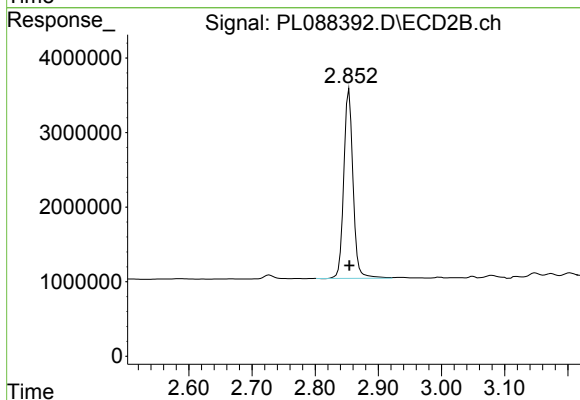
ClientSampleId :

PB159411BS

Manual Integrations

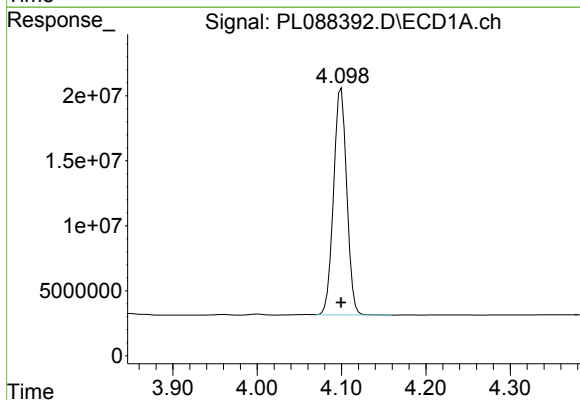
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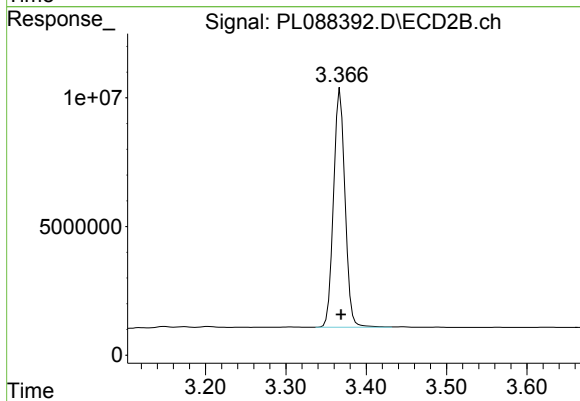
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 25780142
Conc: 18.38 ng/ml



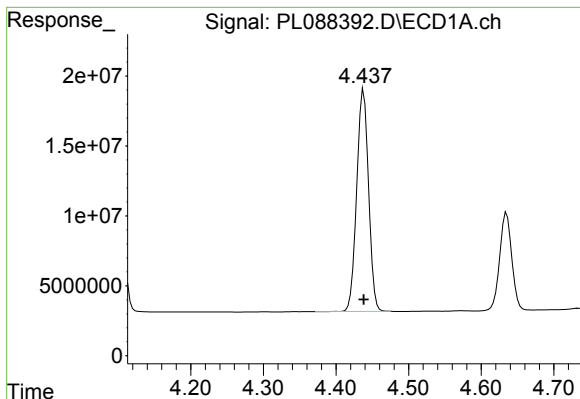
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 189461295
Conc: 45.39 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: -0.001 min
Response: 92397971
Conc: 44.97 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 179860968
Conc: 44.42 ng/ml

Instrument :

ECD_L

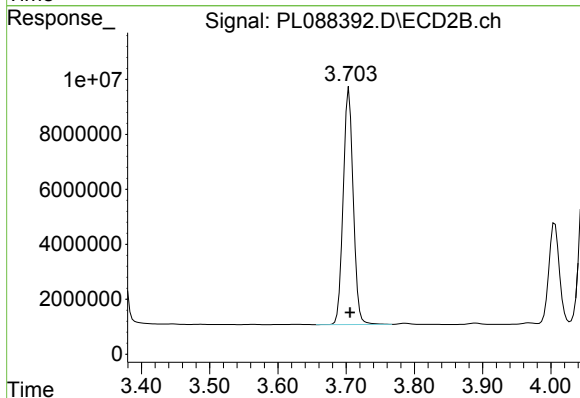
ClientSampleId :

PB159411BS

Manual Integrations

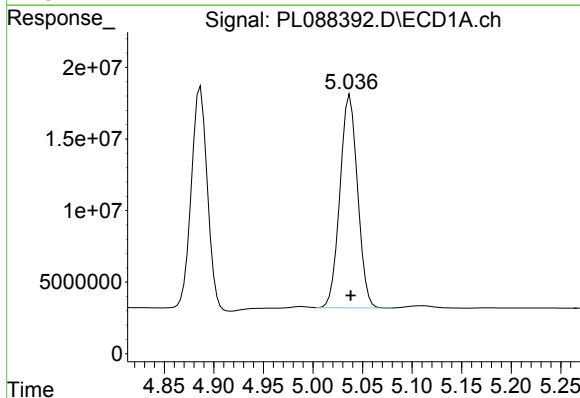
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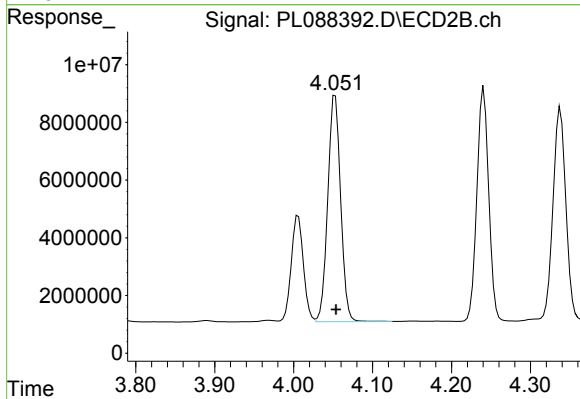
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 88047831
Conc: 43.97 ng/ml



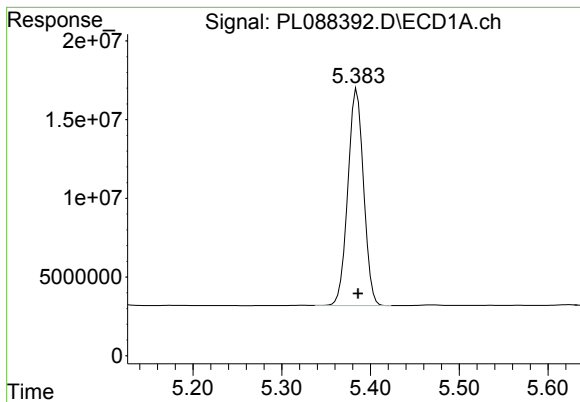
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 184010298
Conc: 47.82 ng/ml



#4 Heptachlor

R.T.: 4.053 min
Delta R.T.: -0.001 min
Response: 89058149
Conc: 48.89 ng/ml



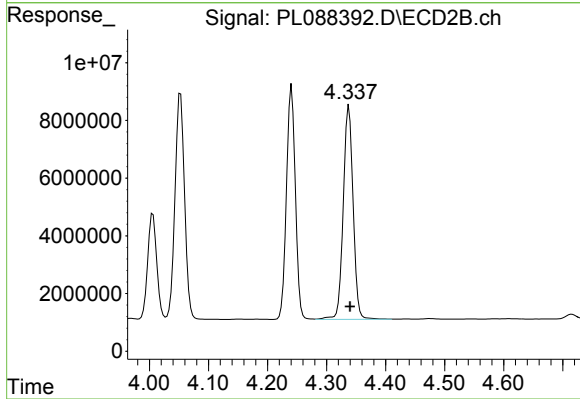
#5 Aldrin

R.T.: 5.385 min
Delta R.T.: -0.001 min
Response: 169706462
Conc: 44.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159411BS

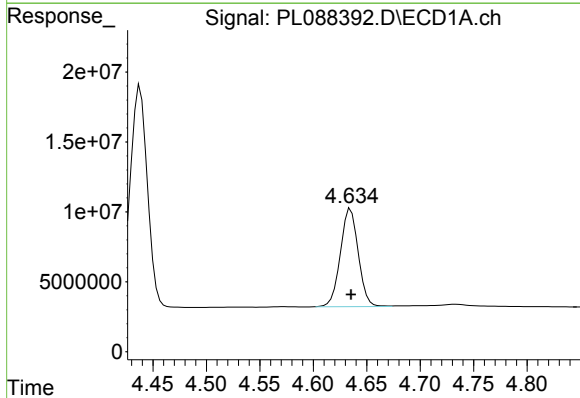
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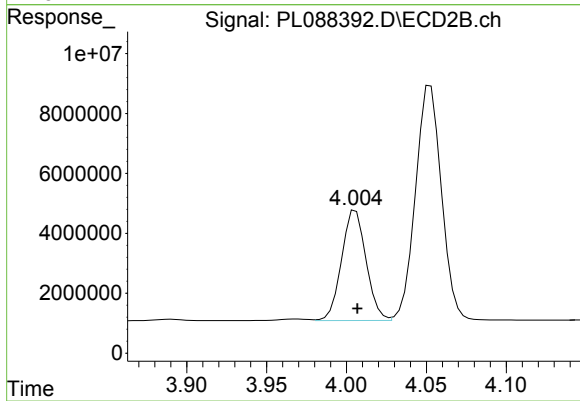
#5 Aldrin

R.T.: 4.338 min
Delta R.T.: -0.002 min
Response: 85937564
Conc: 44.31 ng/ml



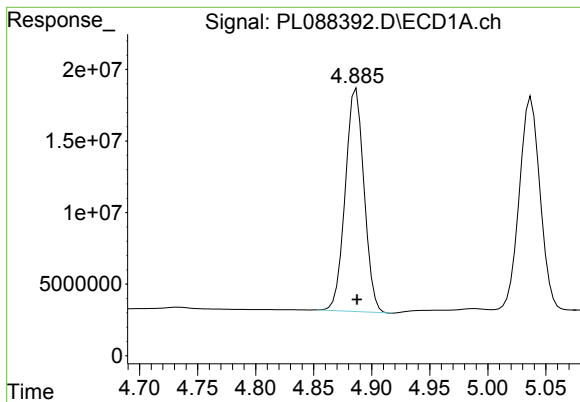
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 81673721
Conc: 46.89 ng/ml



#6 beta-BHC

R.T.: 4.006 min
Delta R.T.: -0.001 min
Response: 39323081
Conc: 44.18 ng/ml



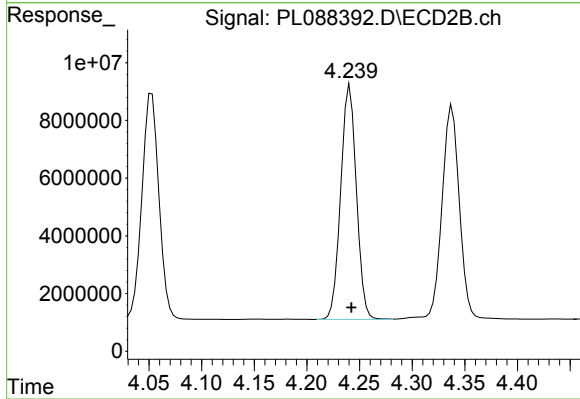
#7 delta-BHC

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 175371053
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159411BS

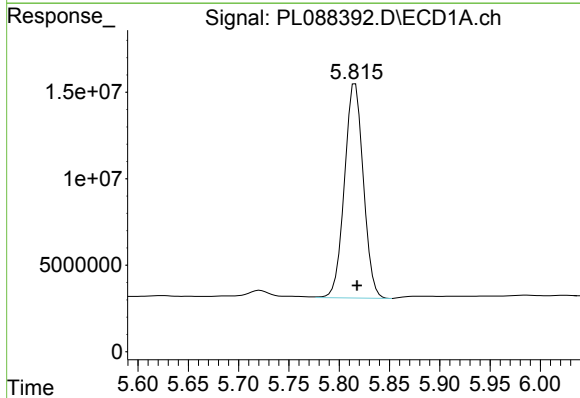
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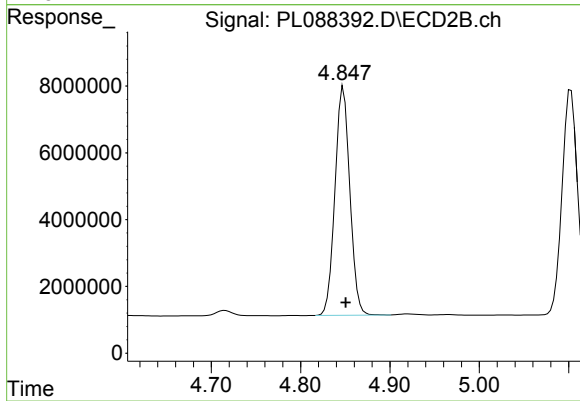
#7 delta-BHC

R.T.: 4.241 min
Delta R.T.: -0.001 min
Response: 84679977
Conc: 42.45 ng/ml



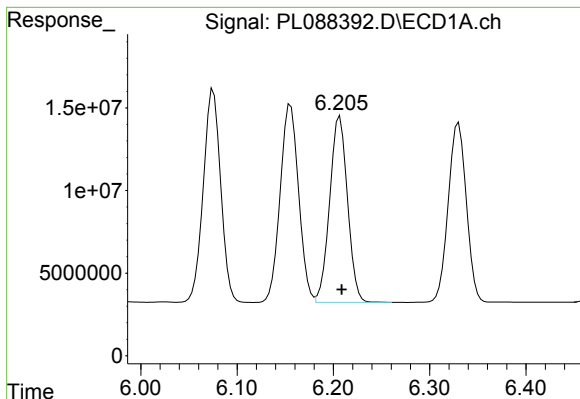
#8 Heptachlor epoxide

R.T.: 5.816 min
Delta R.T.: -0.002 min
Response: 161360227
Conc: 46.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.848 min
Delta R.T.: -0.003 min
Response: 79131064
Conc: 45.61 ng/ml



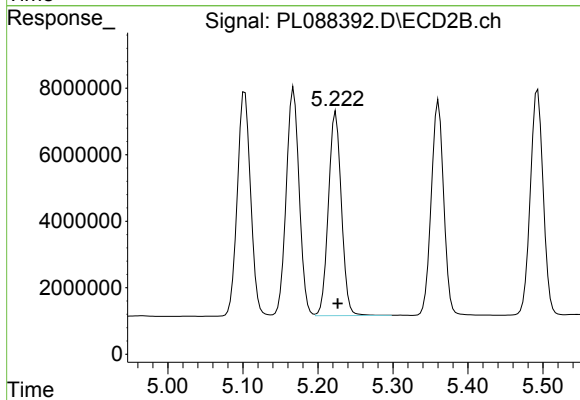
#9 Endosulfan I

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 145223912
Conc: 46.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159411BS

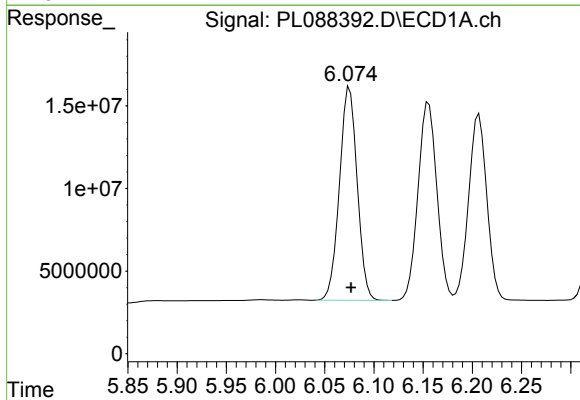
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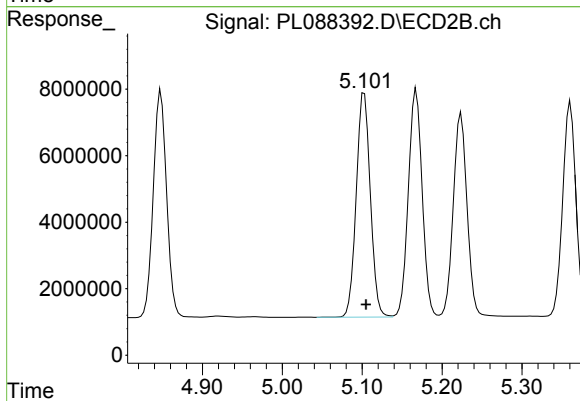
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 73727101
Conc: 45.82 ng/ml



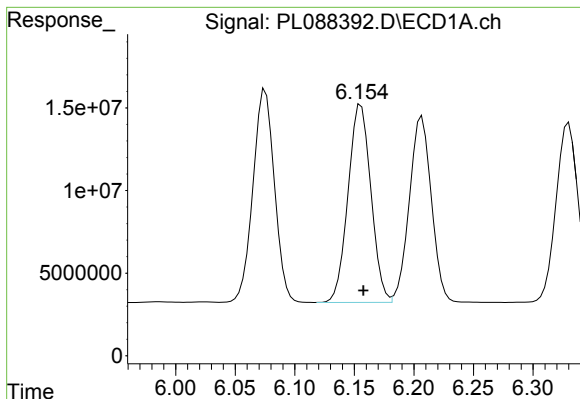
#10 gamma-Chlordane

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 161785967
Conc: 47.61 ng/ml



#10 gamma-Chlordane

R.T.: 5.103 min
Delta R.T.: -0.002 min
Response: 82721618
Conc: 46.37 ng/ml



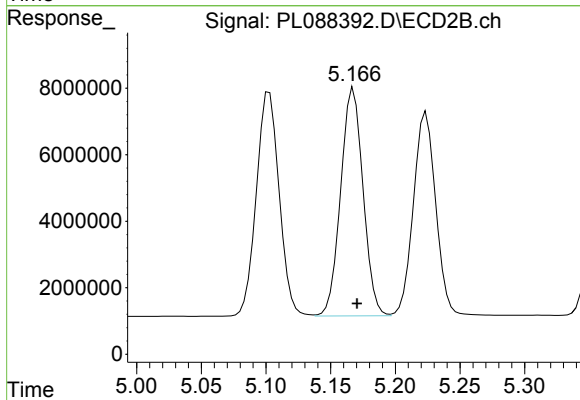
#11 alpha-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.002 min
Response: 160183724
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159411BS

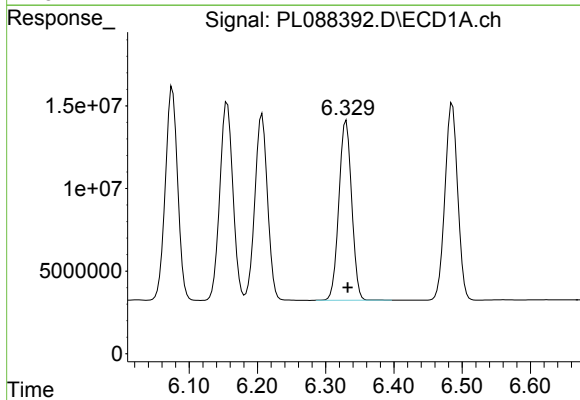
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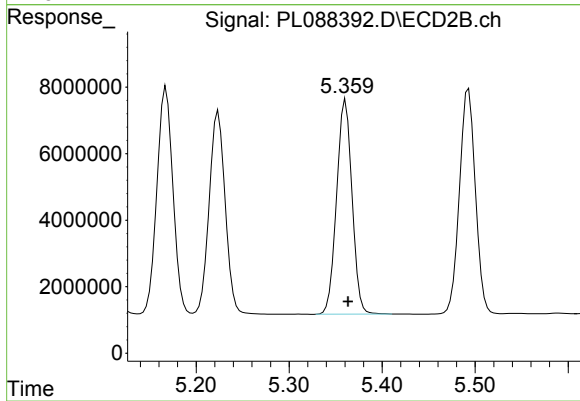
#11 alpha-Chlordane

R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 82415750
Conc: 46.26 ng/ml



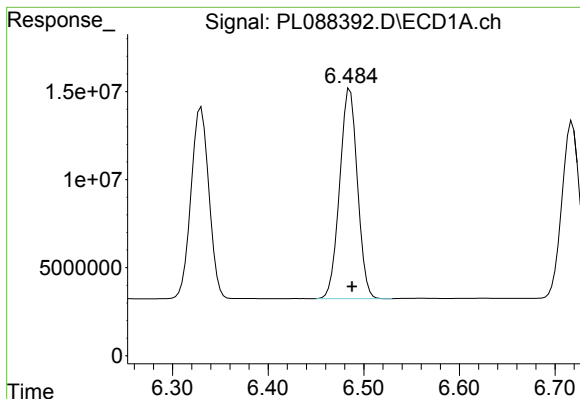
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 141794072
Conc: 46.75 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 74419869
Conc: 46.82 ng/ml



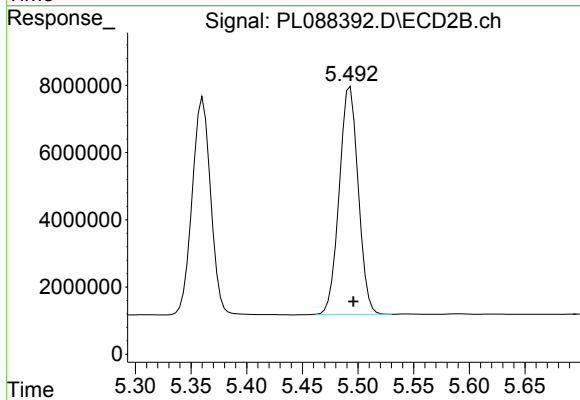
#13 Dieldrin

R.T.: 6.485 min
Delta R.T.: -0.002 min
Response: 154181476
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159411BS

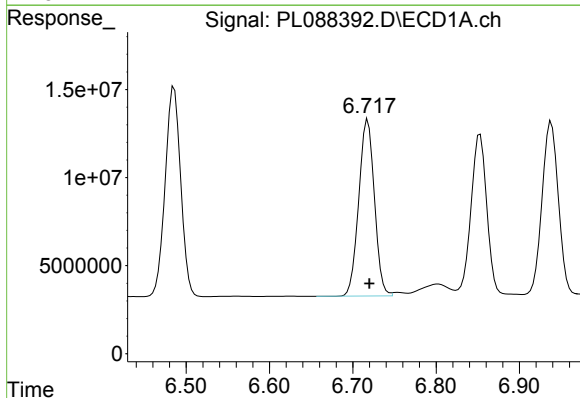
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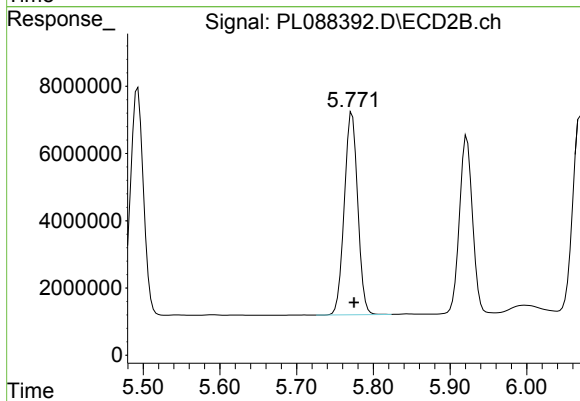
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: -0.003 min
Response: 80360946
Conc: 46.58 ng/ml



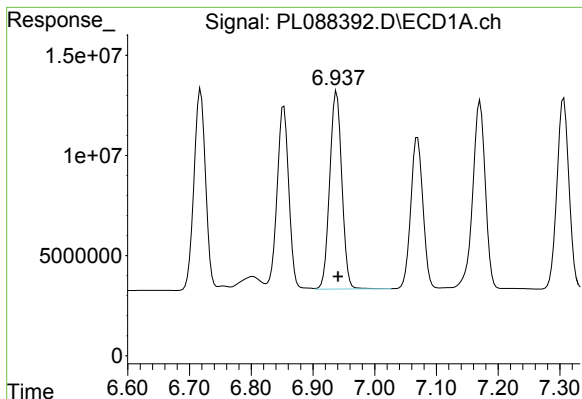
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 131004116
Conc: 50.37 ng/ml



#14 Endrin

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 73471299
Conc: 49.14 ng/ml



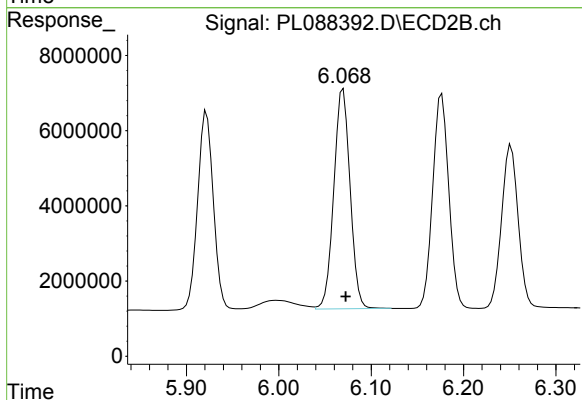
#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 134949927
Conc: 47.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159411BS

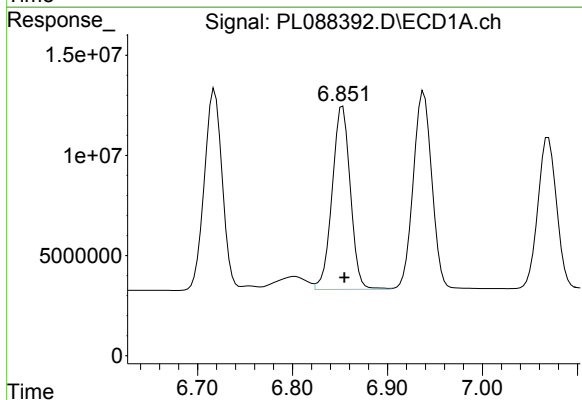
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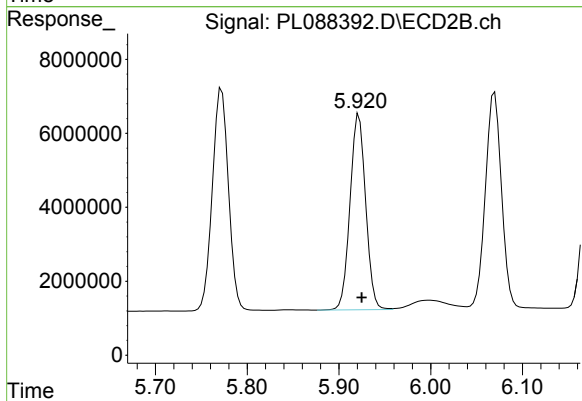
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 71682475
Conc: 47.05 ng/ml



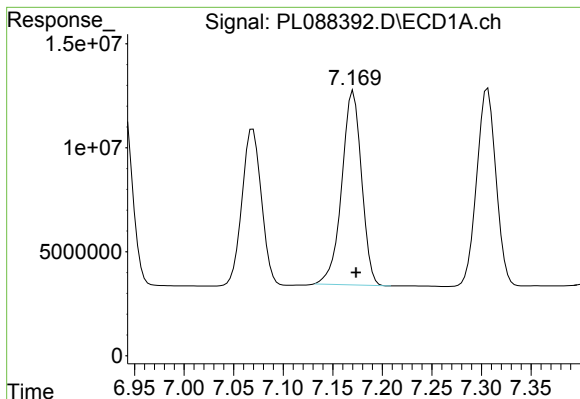
#16 4,4'-DDD

R.T.: 6.853 min
Delta R.T.: -0.002 min
Response: 121988820
Conc: 47.03 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 62564843
Conc: 45.79 ng/ml



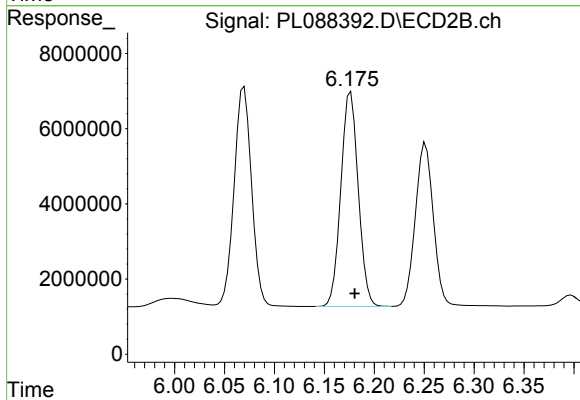
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.003 min
Response: 129138848
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159411BS

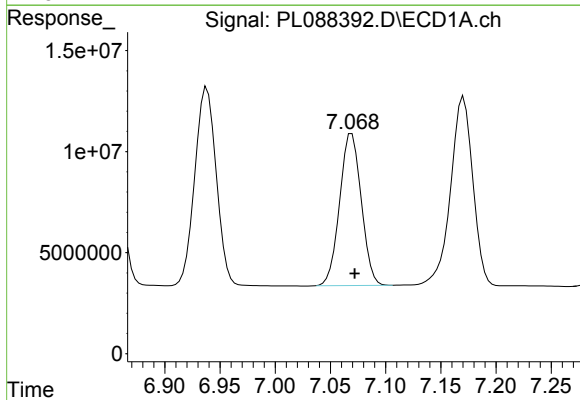
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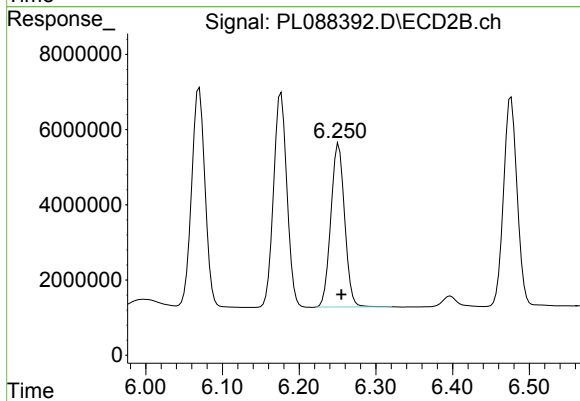
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.004 min
Response: 69108179
Conc: 50.62 ng/ml



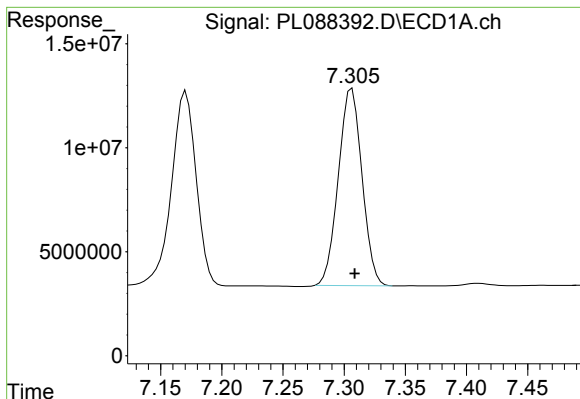
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.003 min
Response: 102398798
Conc: 49.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 54359336
Conc: 49.77 ng/ml



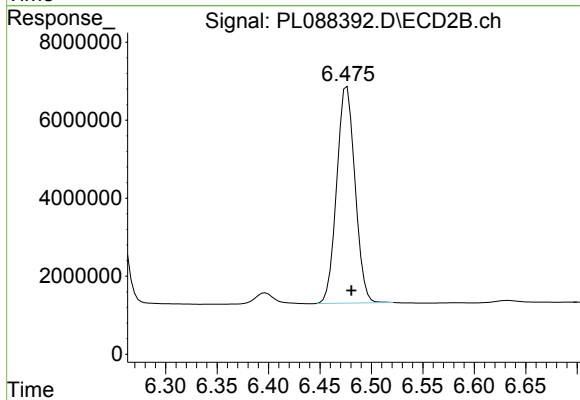
#19 Endosulfan Sulfate

R.T.: 7.306 min
Delta R.T.: -0.002 min
Response: 127704691
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159411BS

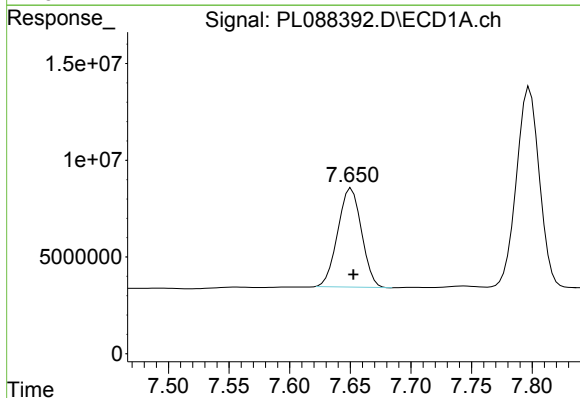
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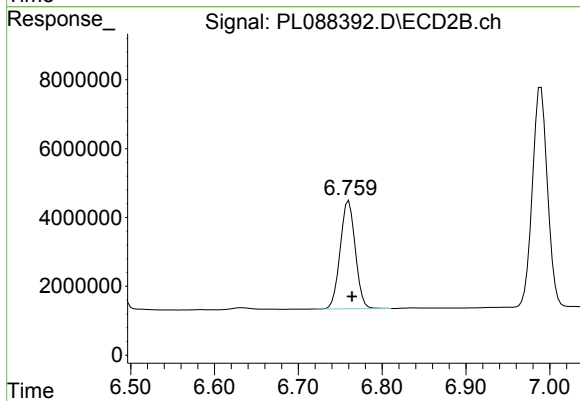
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 68668392
Conc: 48.89 ng/ml



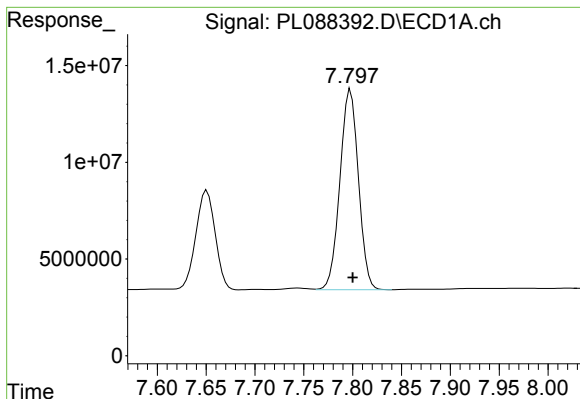
#20 Methoxychlor

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 69536921
Conc: 52.53 ng/ml



#20 Methoxychlor

R.T.: 6.760 min
Delta R.T.: -0.004 min
Response: 39351590
Conc: 50.21 ng/ml



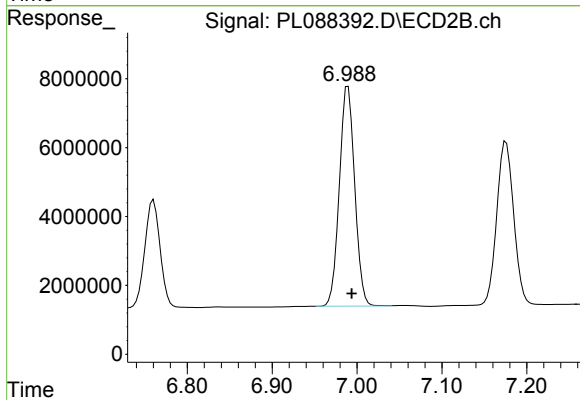
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 136568212
Conc: 48.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159411BS

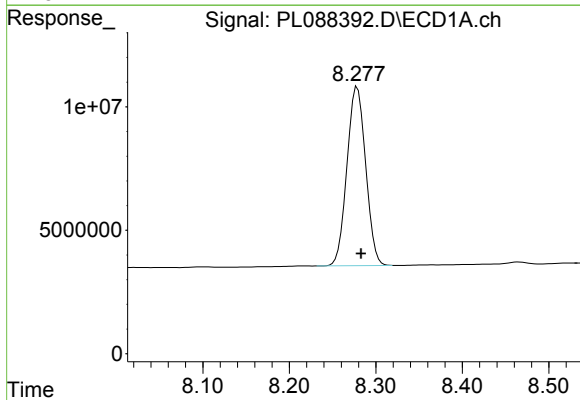
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Reviewed By :Abdul Mirza 03/05/2024
Supervised By :Ankita Jodhani 03/05/2024



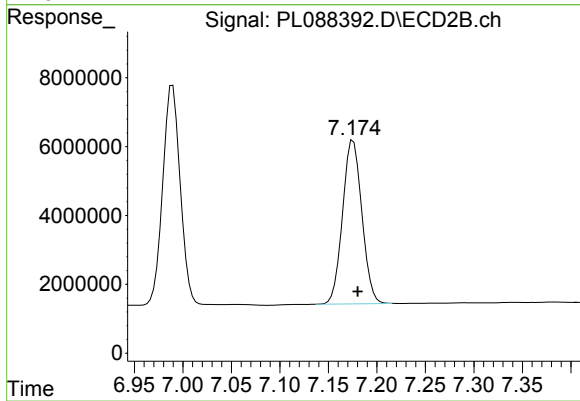
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.004 min
Response: 80189800
Conc: 47.90 ng/ml



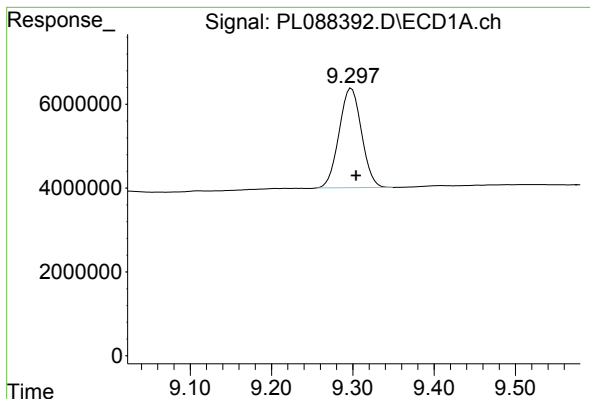
#22 Mirex

R.T.: 8.279 min
Delta R.T.: -0.004 min
Response: 108589278
Conc: 46.86 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.006 min
Response: 65908986
Conc: 50.31 ng/ml m



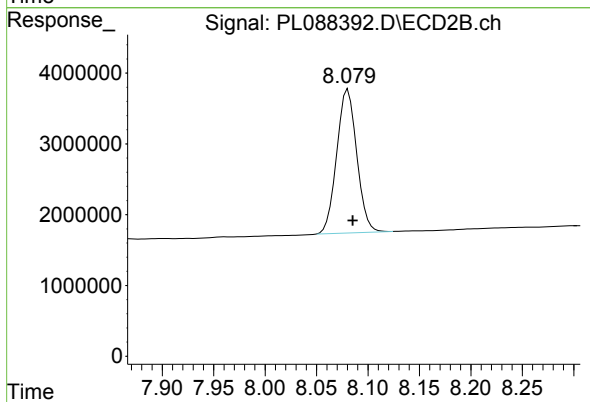
#28 Decachlorobiphenyl

R.T.: 9.298 min
Delta R.T.: -0.005 min
Response: 45480306
Conc: 23.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159411BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: -0.005 min
Response: 27581791
Conc: 21.66 ng/ml