

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101924\
 Data File : PL092480.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2024 15:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/18/2024
 Supervised By :Ankita Jodhani 10/21/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 15:30:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.538	2.776	43575268	45817457	19.587	18.268
28)	SA Decachlor...	9.052	7.916	28182245	43959720	17.203	17.570
Target Compounds							
2)	A alpha-BHC	3.994	3.279	30777537	31374152	9.939	8.611
3)	MA gamma-BHC...	4.326	3.609	28216392	29292941	9.106	8.296
6)	B beta-BHC	4.524	3.909	12649688	14925839	9.537	9.930
14)	MA Endrin	6.573	5.639	83165357	112.9E6	40.358	43.045m
16)	A 4,4'-DDD	6.709	5.787	1056262	981616	0.588m	0.460m
17)	MA 4,4'-DDT	7.023	6.039	161.4E6	217.5E6	87.645	94.035
18)	B Endrin al...	6.923	6.112	2013504	2611046	1.155	1.279m
20)	A Methoxychlor	7.499	6.614	214.1E6	283.4E6	218.086	226.641
21)	B Endrin ke...	7.640	6.841	3546011	4493569	1.614m	1.623m

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

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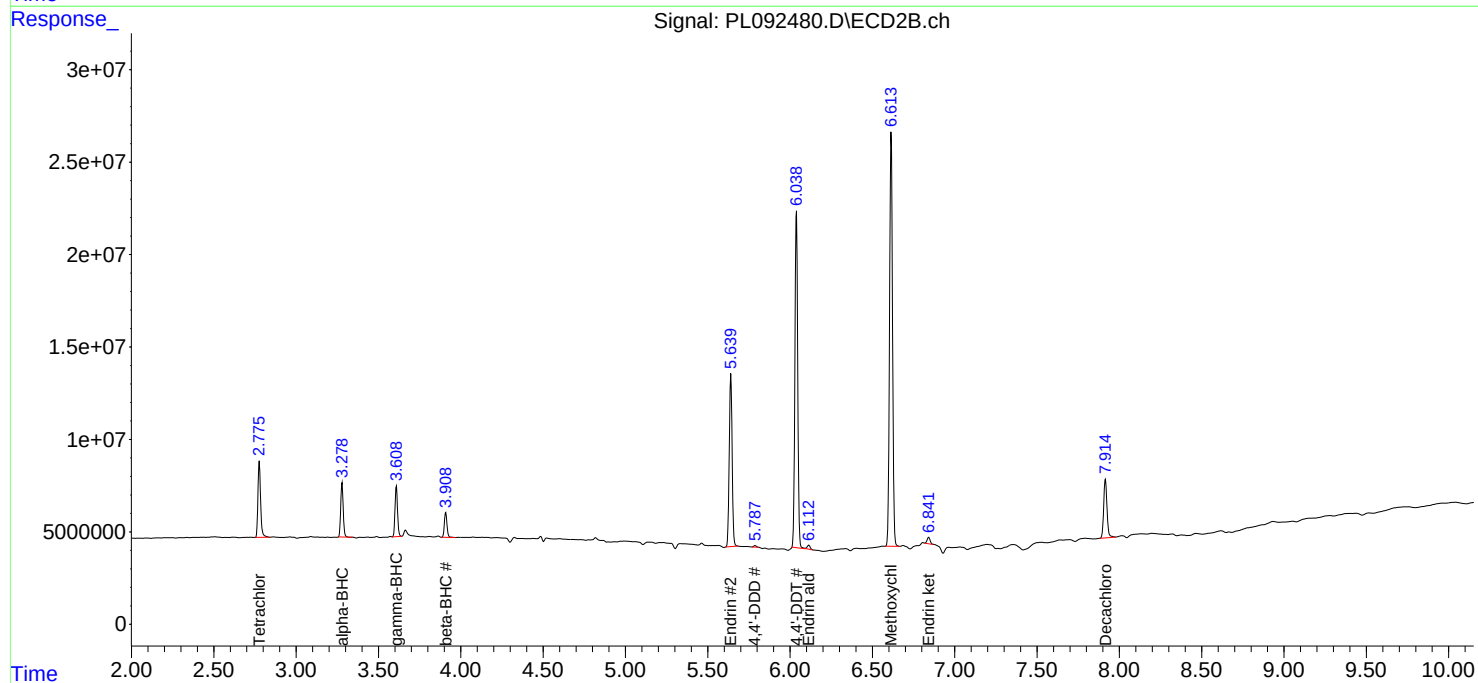
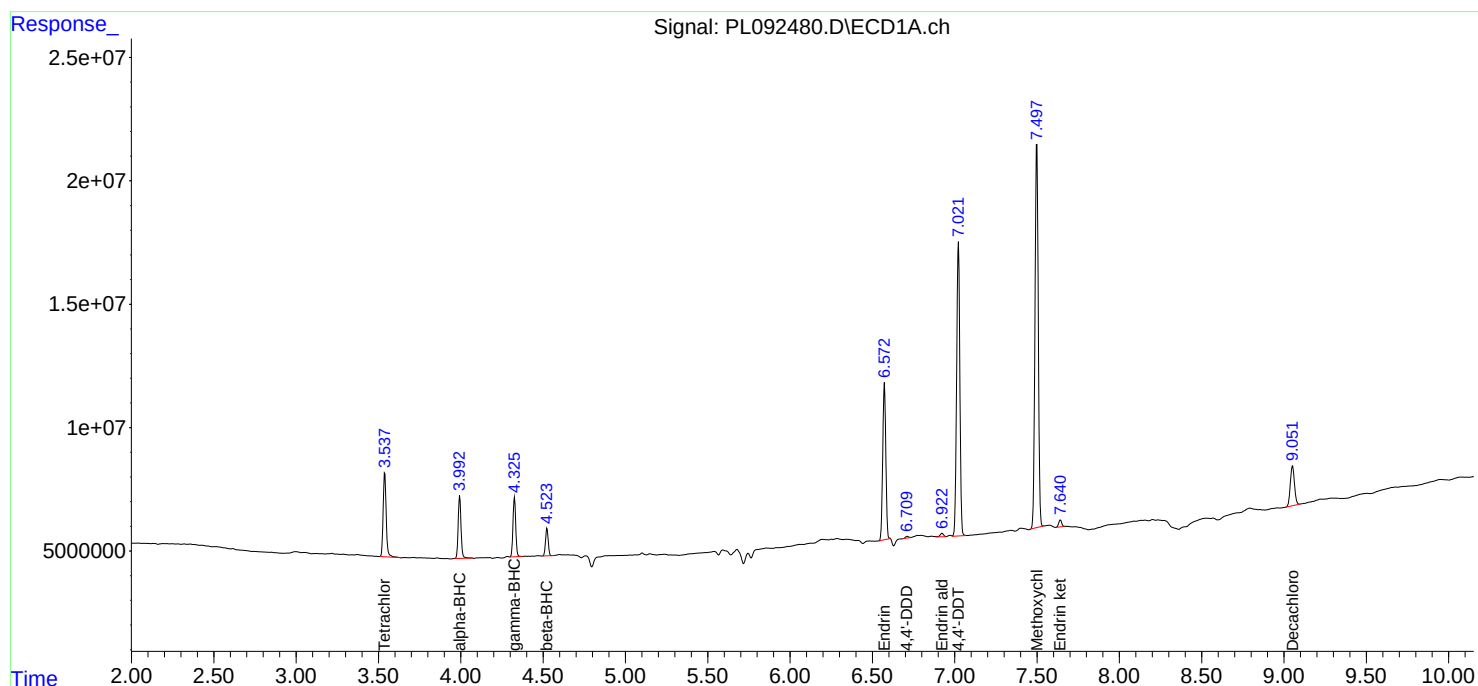
Instrument :
ECD_L
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PEM

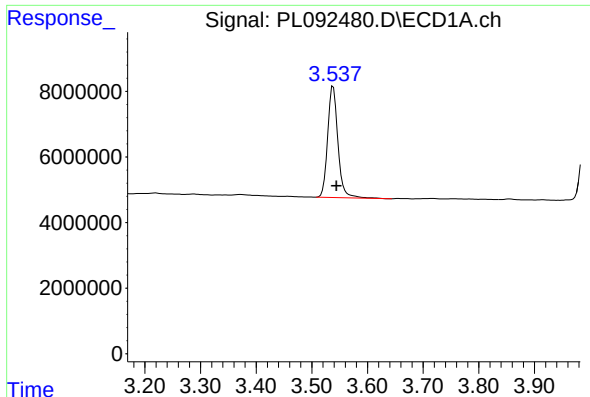
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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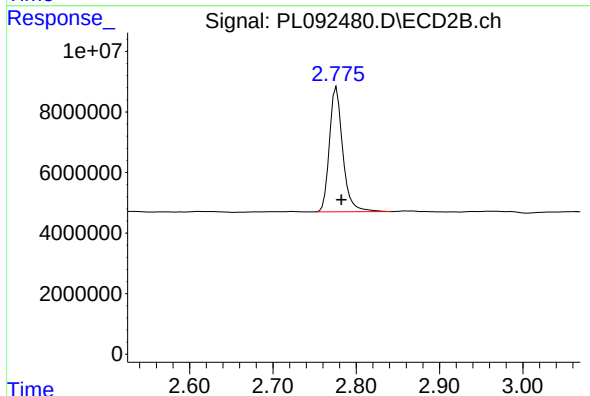
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.006 min
Response: 43575268
Conc: 19.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

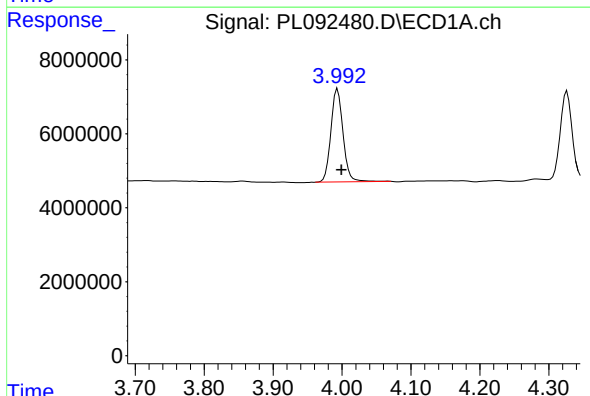
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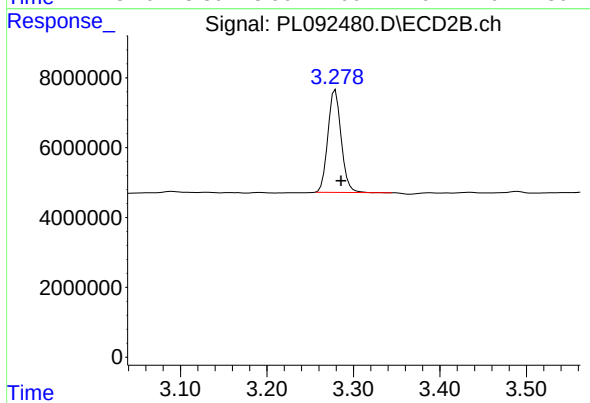
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.006 min
Response: 45817457
Conc: 18.27 ng/ml



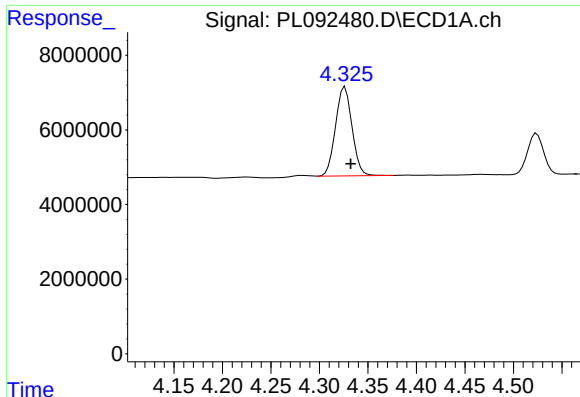
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.006 min
Response: 30777537
Conc: 9.94 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: -0.006 min
Response: 31374152
Conc: 8.61 ng/ml



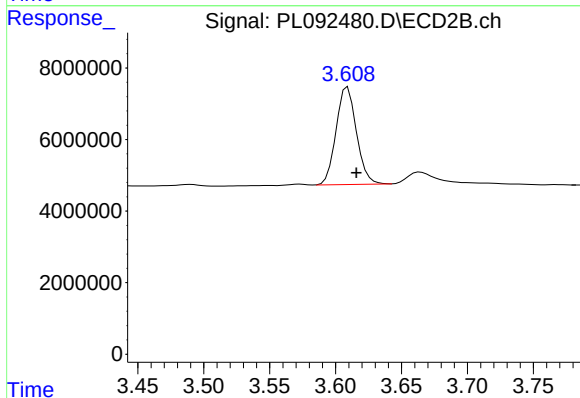
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.006 min
Response: 28216392
Conc: 9.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

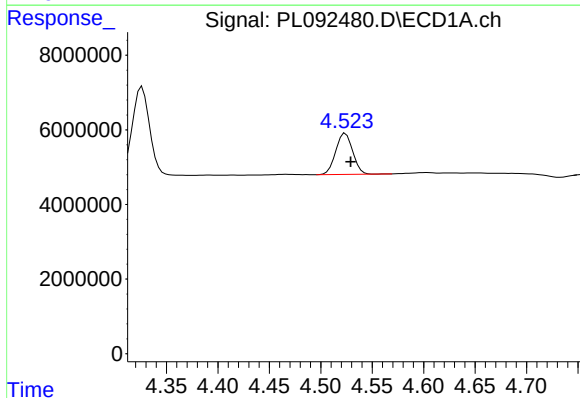
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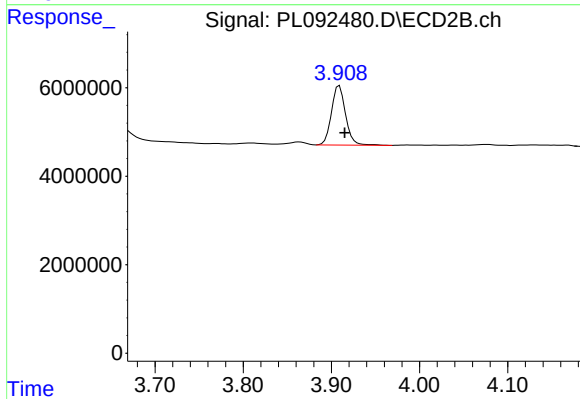
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: -0.007 min
Response: 29292941
Conc: 8.30 ng/ml



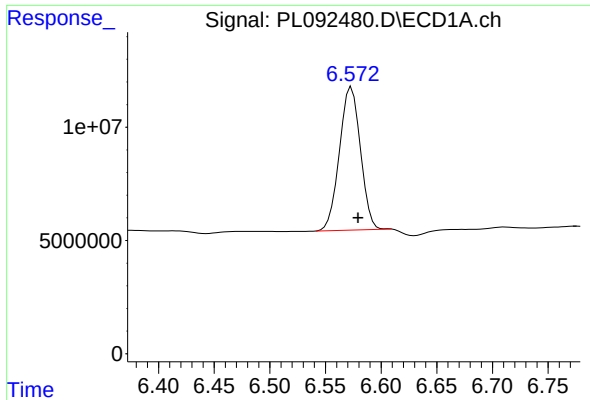
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.005 min
Response: 12649688
Conc: 9.54 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: -0.006 min
Response: 14925839
Conc: 9.93 ng/ml



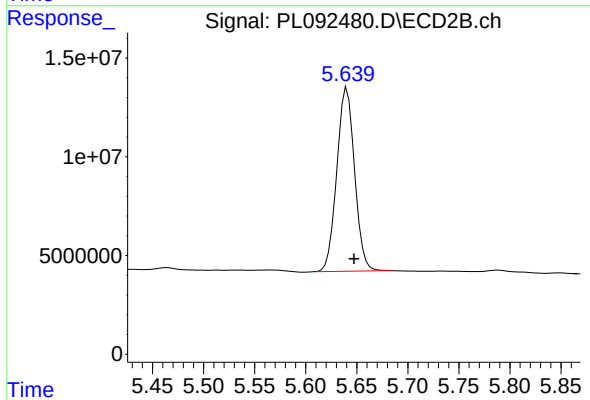
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.006 min
Response: 83165357
Conc: 40.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

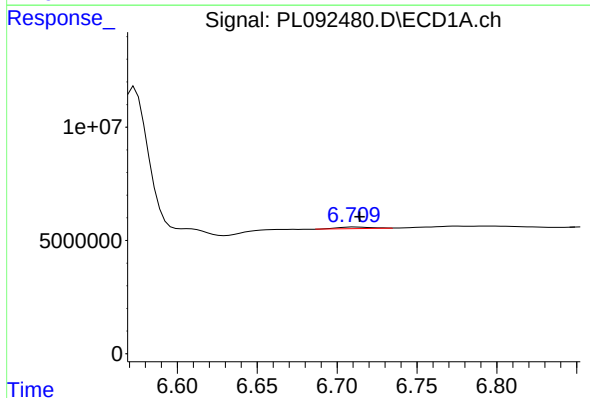
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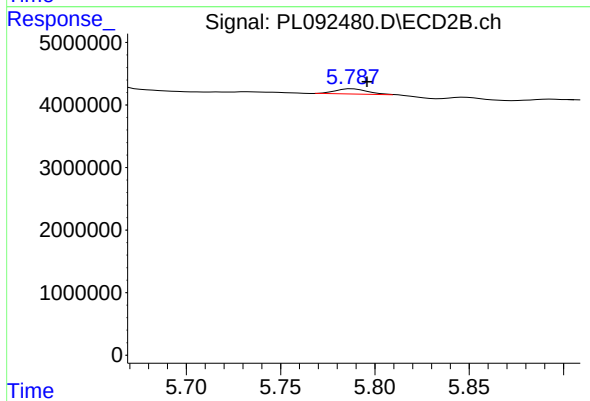
#14 Endrin

R.T.: 5.639 min
Delta R.T.: -0.008 min
Response: 112870557
Conc: 43.04 ng/ml m



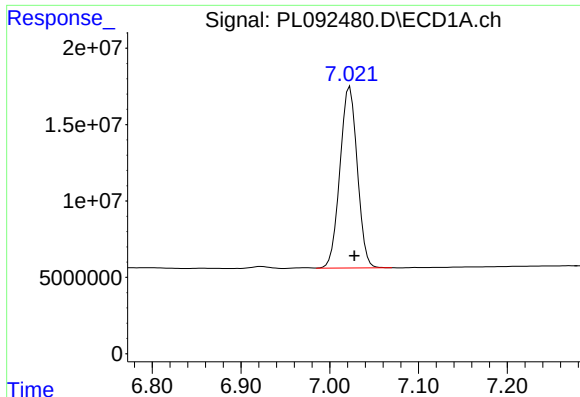
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 1056262
Conc: 0.59 ng/ml m



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.009 min
Response: 981616
Conc: 0.46 ng/ml m



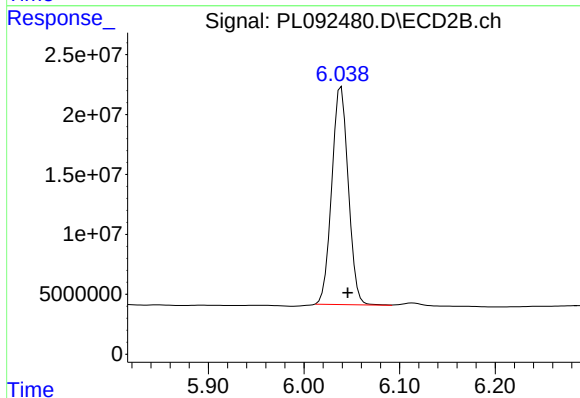
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.005 min
Response: 161372249
Conc: 87.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

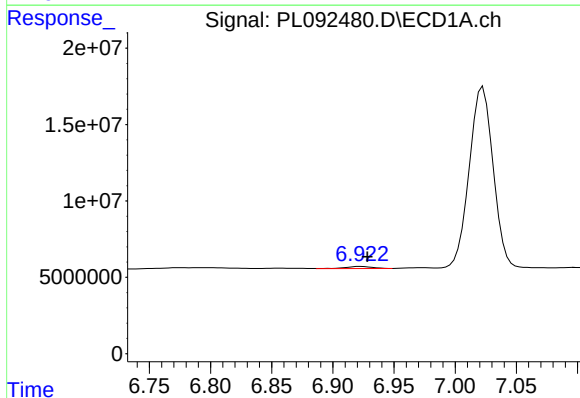
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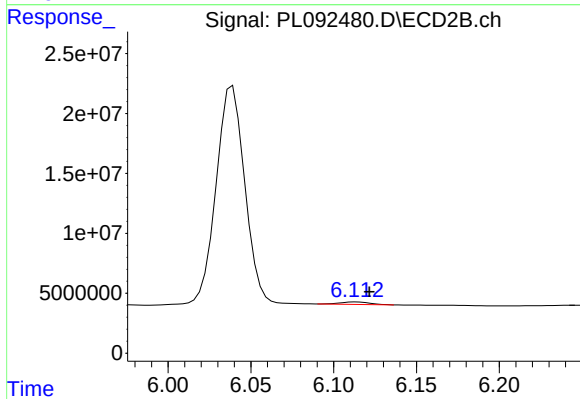
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: -0.007 min
Response: 217517315
Conc: 94.03 ng/ml



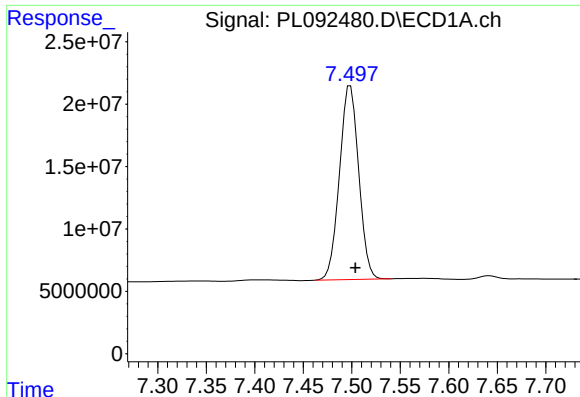
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 2013504
Conc: 1.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.009 min
Response: 2611046
Conc: 1.28 ng/ml m



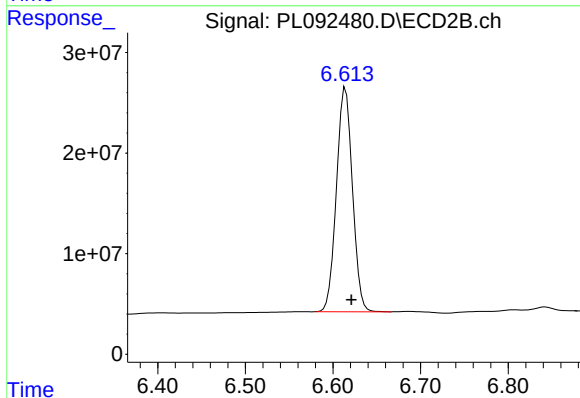
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.005 min
Response: 214097615
Conc: 218.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

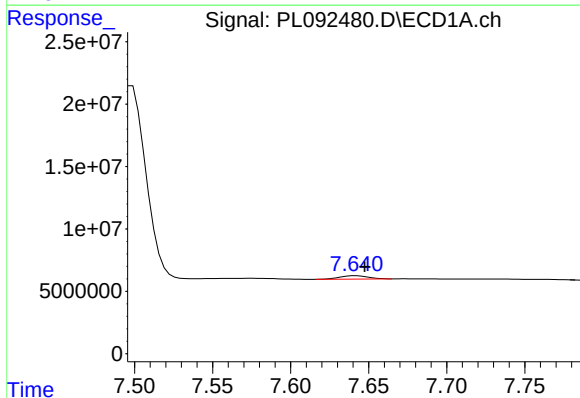
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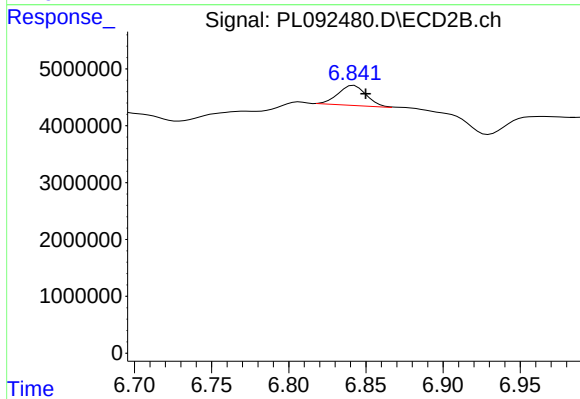
#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: -0.006 min
Response: 283380057
Conc: 226.64 ng/ml



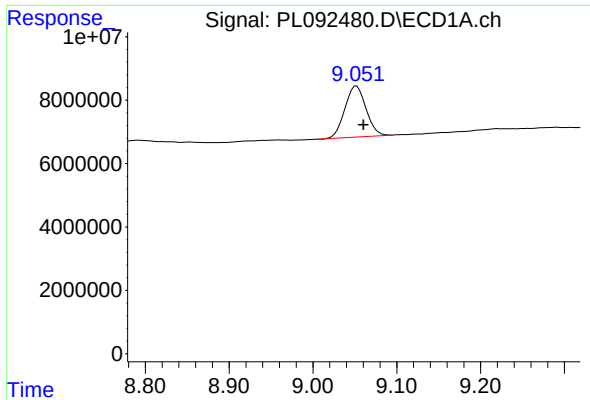
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.007 min
Response: 3546011
Conc: 1.61 ng/ml m



#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.009 min
Response: 4493569
Conc: 1.62 ng/ml m



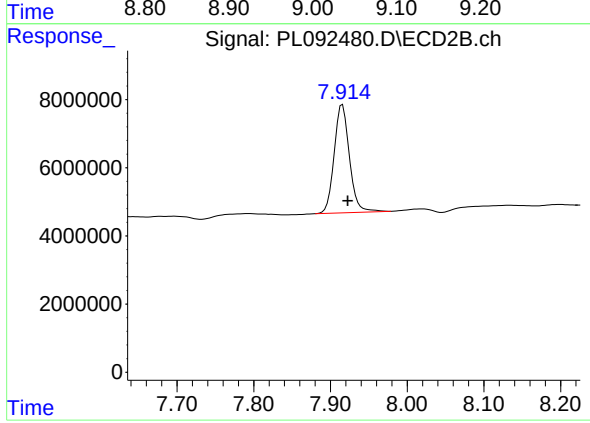
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.008 min
Response: 28182245
Conc: 17.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.916 min
Delta R.T.: -0.007 min
Response: 43959720
Conc: 17.57 ng/ml