

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060223\
 Data File : PL083173.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2023 11:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2023
 Supervised By : Ankita Jodhani 06/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 06:03:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
 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...	3.315	2.634	52921944	48456814	18.007	18.665
28)	SA Decachlor...	8.731	7.738	42238857	49314338	20.139	19.832
Target Compounds							
2)	A alpha-BHC	3.763	3.130	37304964	31367963	8.403	8.406
3)	MA gamma-BHC...	4.091	3.457	36116661	28985104	8.718	8.696
6)	B beta-BHC	4.296	3.758	17577231	15015916	9.336	10.500
14)	MA Endrin	6.314	5.469	115.4E6	111.2E6	42.937	43.815
16)	A 4,4'-DDD	6.465	5.622	469591	359414	0.216m	0.187
17)	MA 4,4'-DDT	6.770	5.869	231.1E6	213.8E6	92.311	95.815
18)	B Endrin al...	6.666	5.951	2533659	5678534	1.260	2.872 #
20)	A Methoxychlor	7.252	6.448	304.4E6	292.5E6	230.171	230.023
21)	B Endrin ke...	7.379	6.670	3829272	4259379	1.501m	1.575m

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

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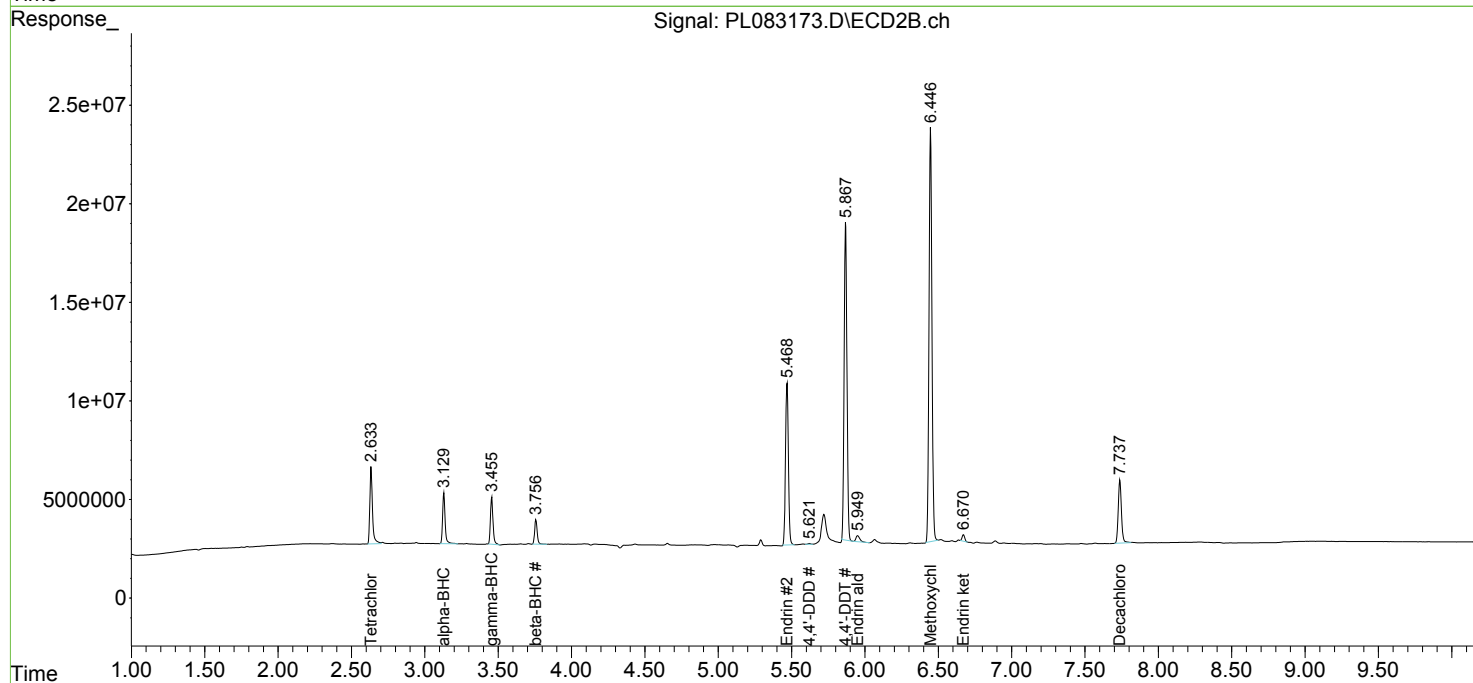
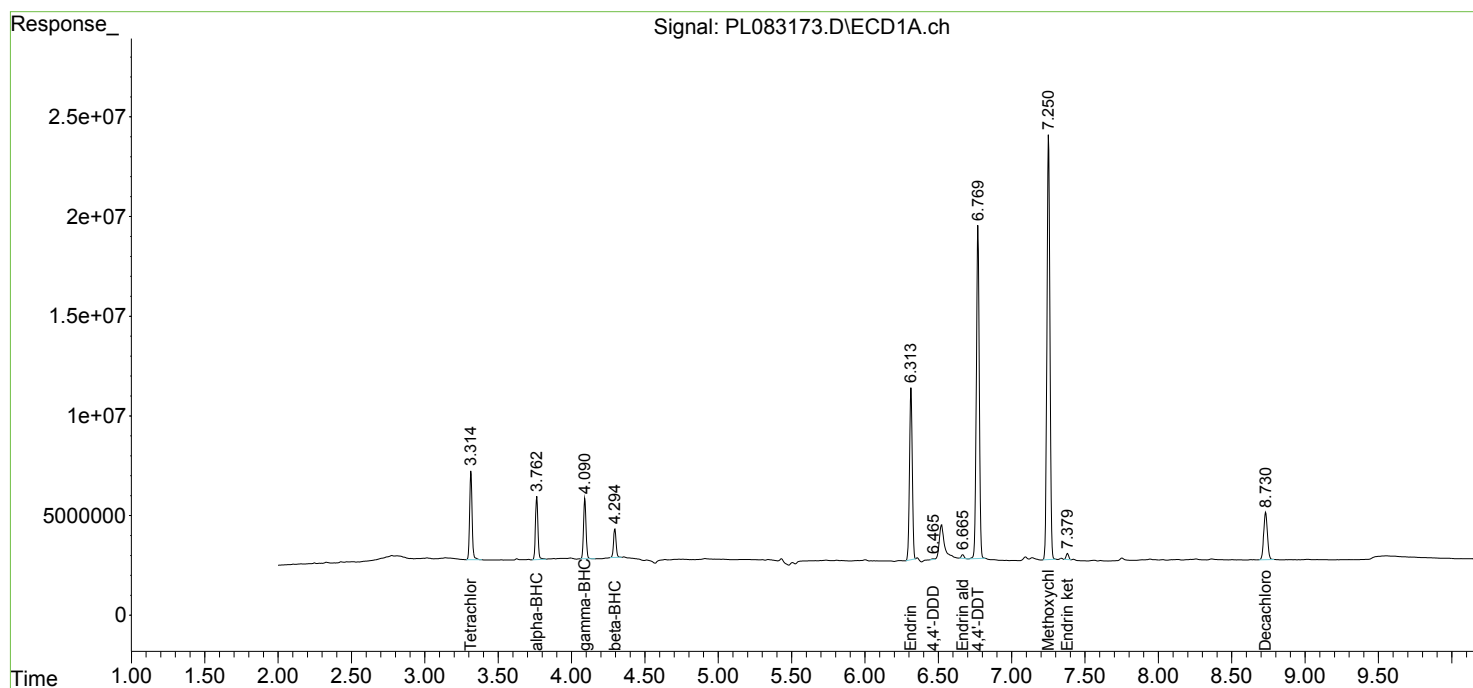
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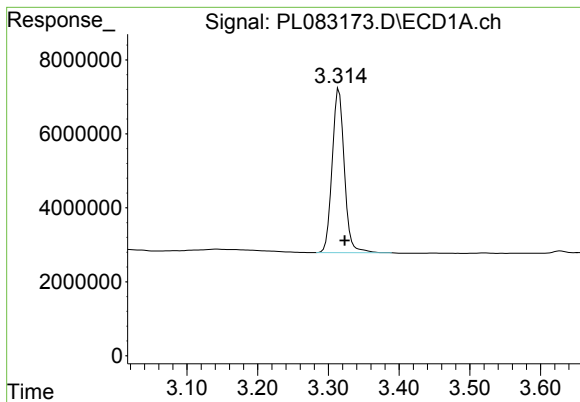
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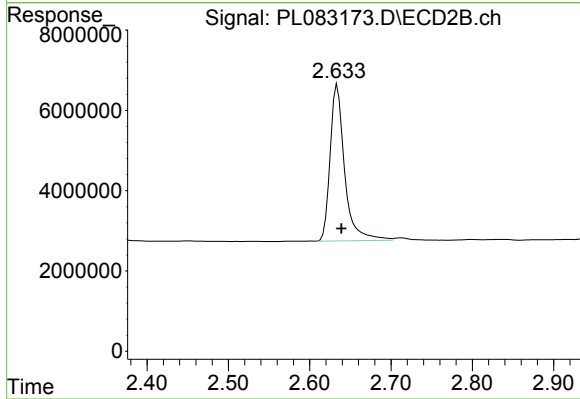
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 52921944
Conc: 18.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

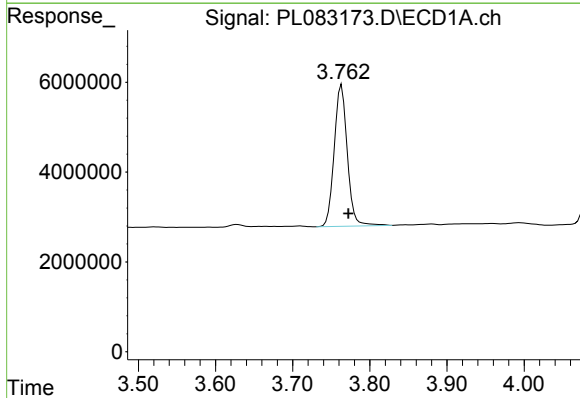
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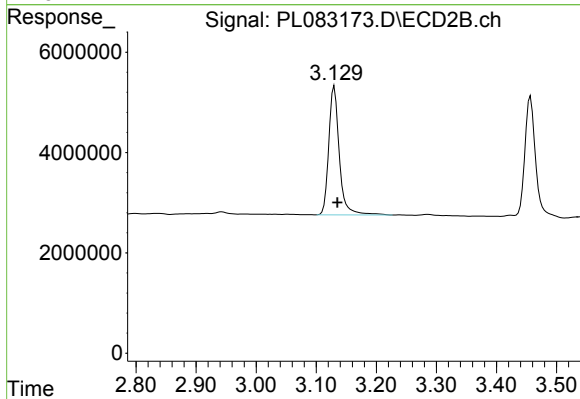
#1 Tetrachloro-m-xylene

R.T.: 2.634 min
Delta R.T.: -0.005 min
Response: 48456814
Conc: 18.67 ng/ml



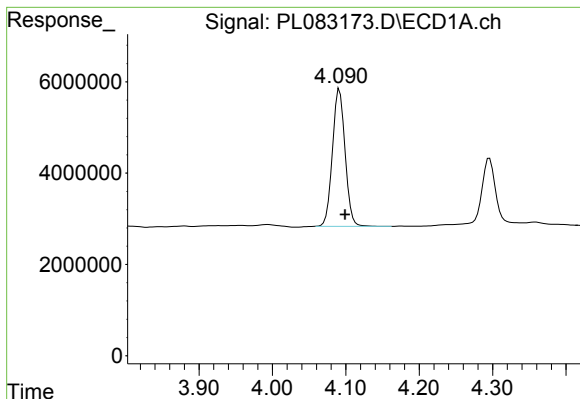
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.009 min
Response: 37304964
Conc: 8.40 ng/ml



#2 alpha-BHC

R.T.: 3.130 min
Delta R.T.: -0.005 min
Response: 31367963
Conc: 8.41 ng/ml



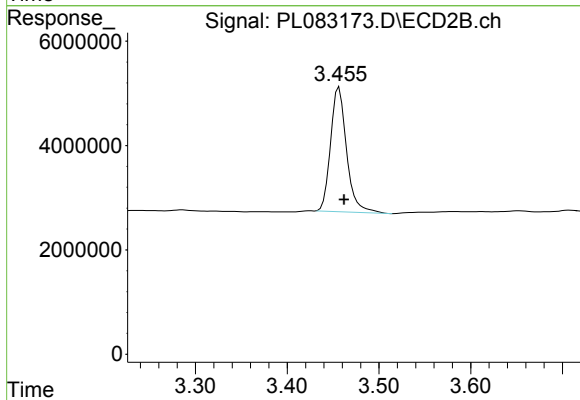
#3 gamma-BHC (Lindane)

R.T.: 4.091 min
Delta R.T.: -0.008 min
Response: 36116661
Conc: 8.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

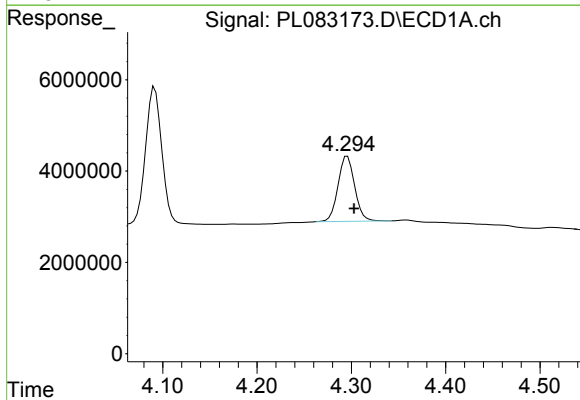
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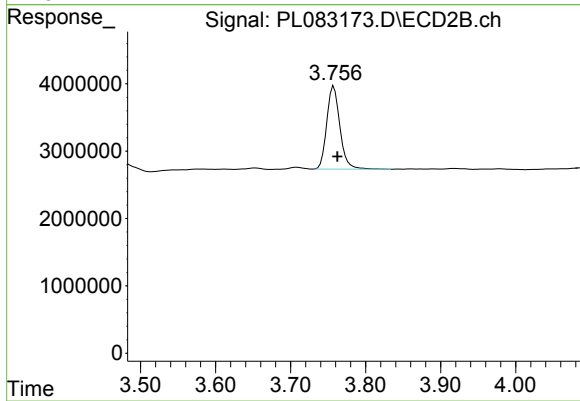
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: -0.005 min
Response: 28985104
Conc: 8.70 ng/ml



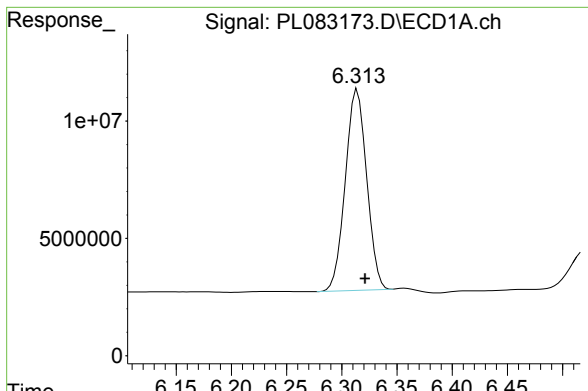
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 17577231
Conc: 9.34 ng/ml



#6 beta-BHC

R.T.: 3.758 min
Delta R.T.: -0.005 min
Response: 15015916
Conc: 10.50 ng/ml



#14 Endrin

R.T.: 6.314 min
Delta R.T.: -0.007 min
Response: 115381666
Conc: 42.94 ng/ml

Instrument :

ECD_L

ClientSampleId :

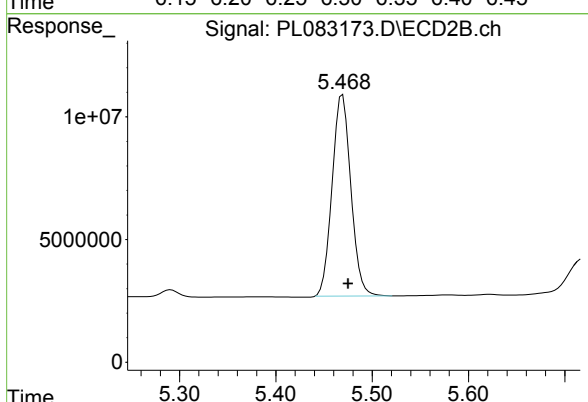
PEM

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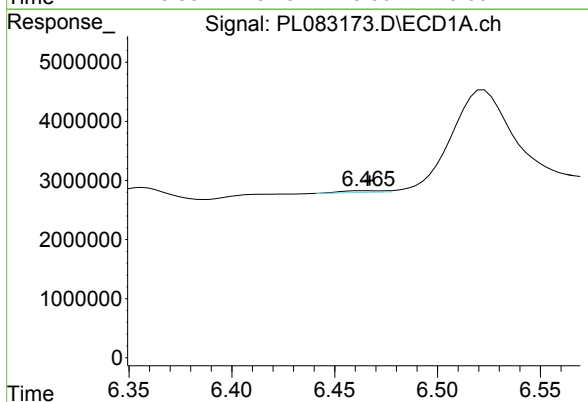
Reviewed By :Abdul Mirza 06/05/2023

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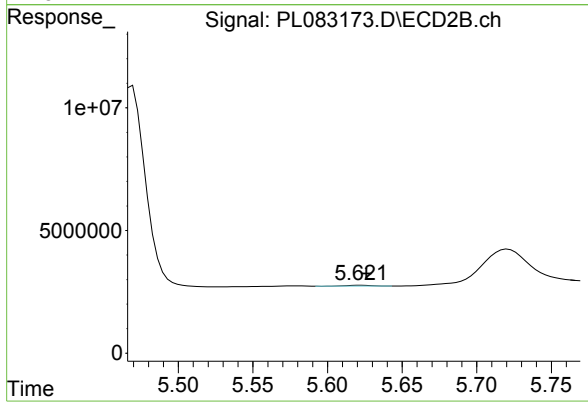
#14 Endrin

R.T.: 5.469 min
Delta R.T.: -0.006 min
Response: 111156287
Conc: 43.81 ng/ml



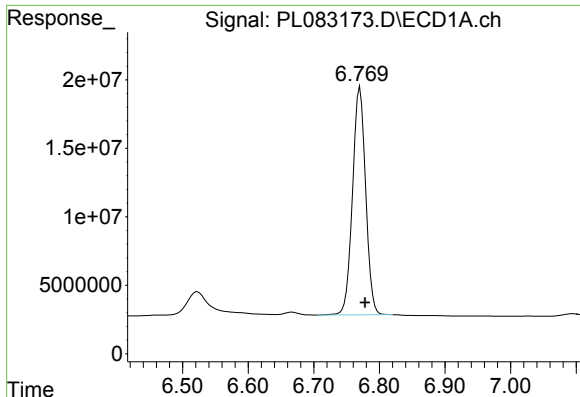
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 469591
Conc: 0.22 ng/ml m



#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 359414
Conc: 0.19 ng/ml



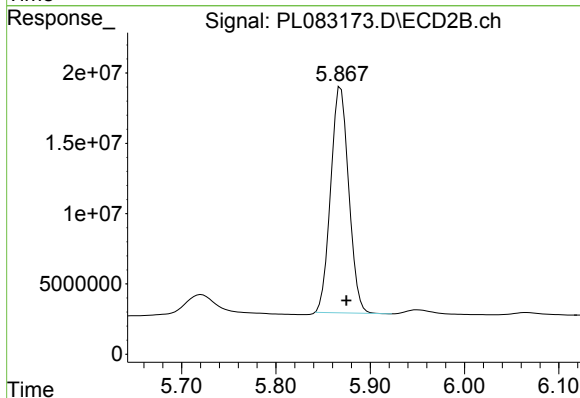
#17 4,4'-DDT

R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 231070375
Conc: 92.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

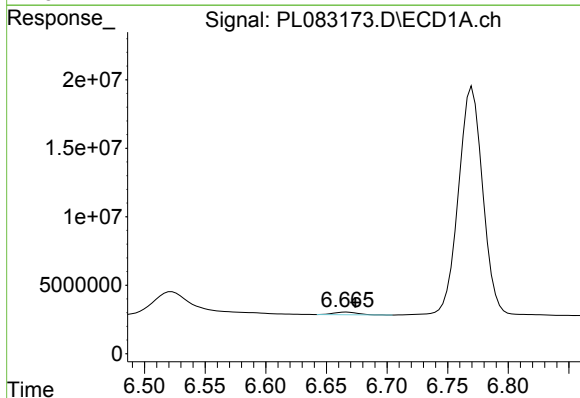
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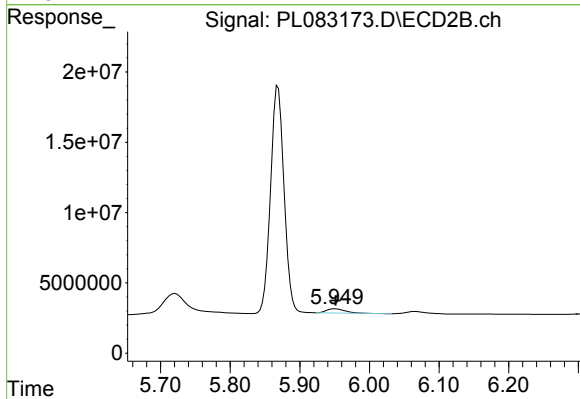
#17 4,4'-DDT

R.T.: 5.869 min
Delta R.T.: -0.006 min
Response: 213765107
Conc: 95.81 ng/ml



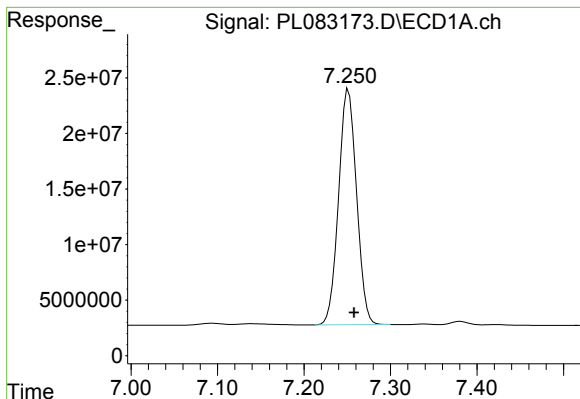
#18 Endrin aldehyde

R.T.: 6.666 min
Delta R.T.: -0.008 min
Response: 2533659
Conc: 1.26 ng/ml



#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 5678534
Conc: 2.87 ng/ml



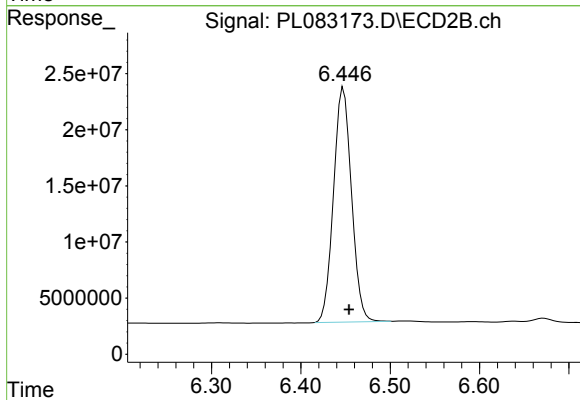
#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: -0.006 min
Response: 304373069
Conc: 230.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

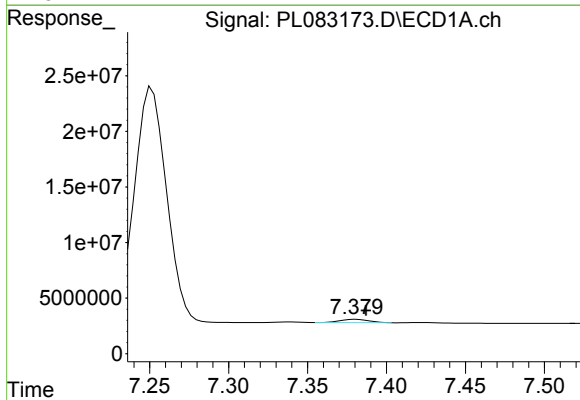
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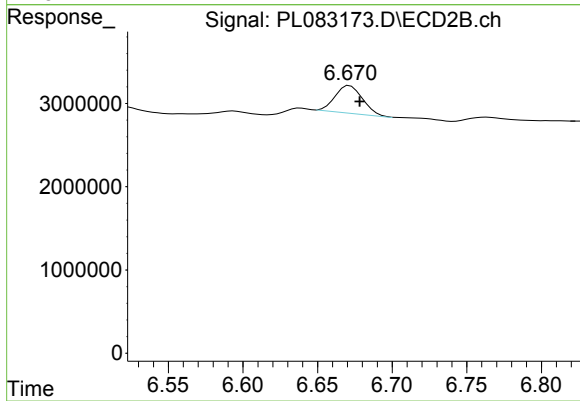
#20 Methoxychlor

R.T.: 6.448 min
Delta R.T.: -0.006 min
Response: 292531076
Conc: 230.02 ng/ml



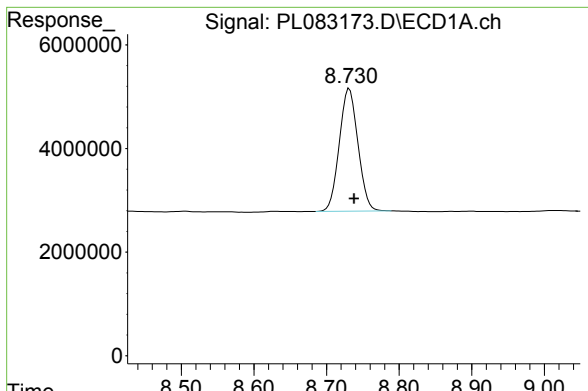
#21 Endrin ketone

R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 3829272
Conc: 1.50 ng/ml m



#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: -0.008 min
Response: 4259379
Conc: 1.58 ng/ml m



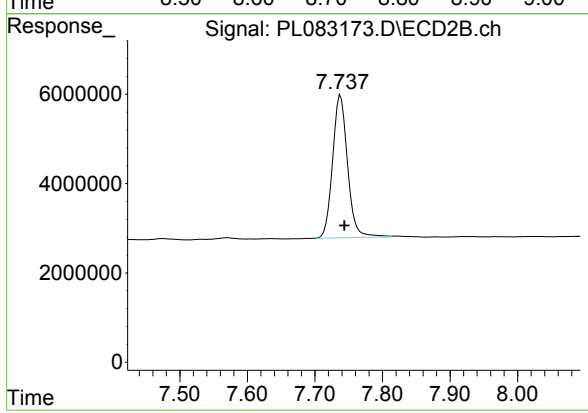
#28 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: -0.007 min
Response: 42238857
Conc: 20.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.738 min
Delta R.T.: -0.005 min
Response: 49314338
Conc: 19.83 ng/ml