

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053023\
 Data File : PL083076.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2023 09:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/31/2023
 Supervised By : Ankita Jodhani 05/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 20:38:17 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...	3.317	2.636	49809268	42334519	16.948	16.307
28)	SA Decachlor...	8.736	7.743	37016345	42884979	17.649	17.247
Target Compounds							
2)	A alpha-BHC	3.766	3.132	33815086	26315742	7.617	7.052
3)	MA gamma-BHC...	4.095	3.458	33249155	25143743	8.026	7.543
6)	B beta-BHC	4.298	3.759	16329720	13327140	8.673	9.319
14)	MA Endrin	6.319	5.472	104.0E6	93757590	38.697	36.957
16)	A 4,4'-DDD	6.464	5.624	2524319	2123327	1.162	1.104
17)	MA 4,4'-DDT	6.774	5.872	203.5E6	184.4E6	81.311	82.647
18)	B Endrin al...	6.671	5.950	2628681	3181469	1.307	1.609
20)	A Methoxychlor	7.255	6.452	275.6E6	246.1E6	208.416	193.498
21)	B Endrin ke...	7.383	6.676	4813441	5831419	1.887m	2.157

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

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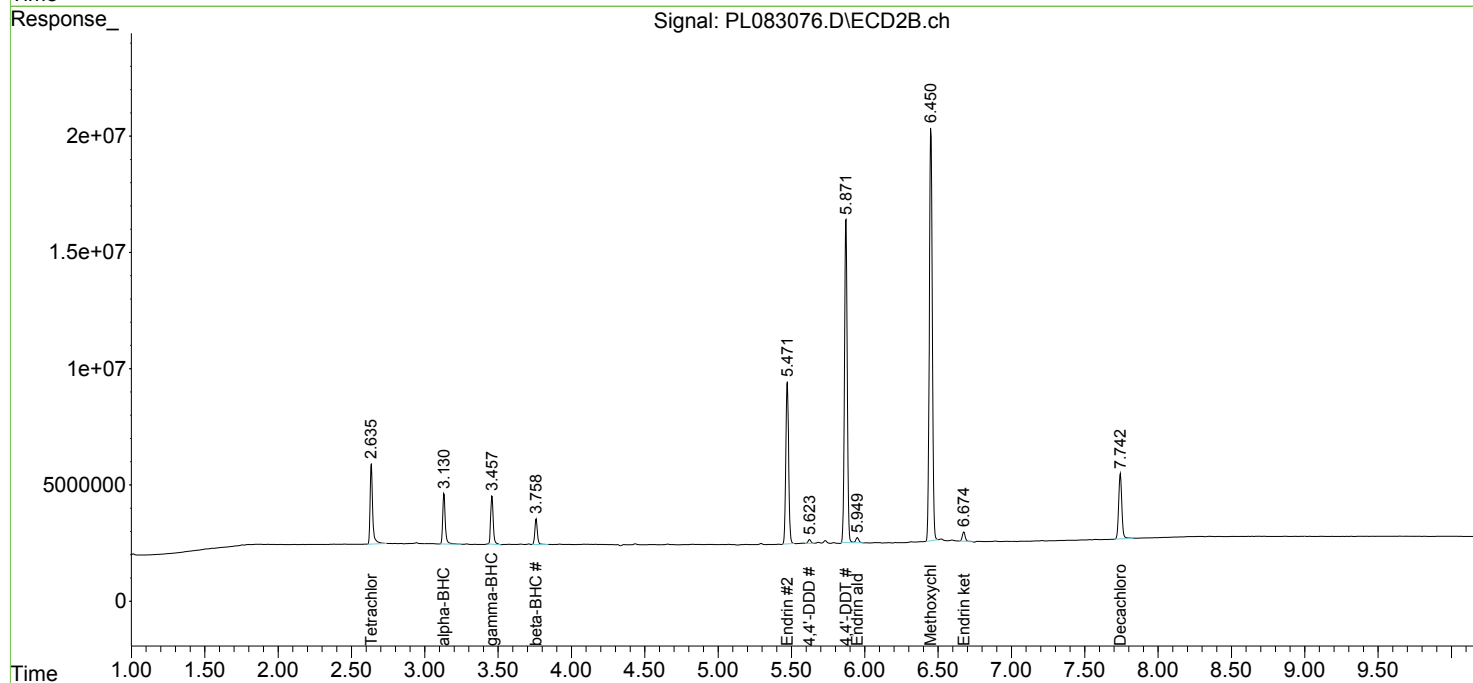
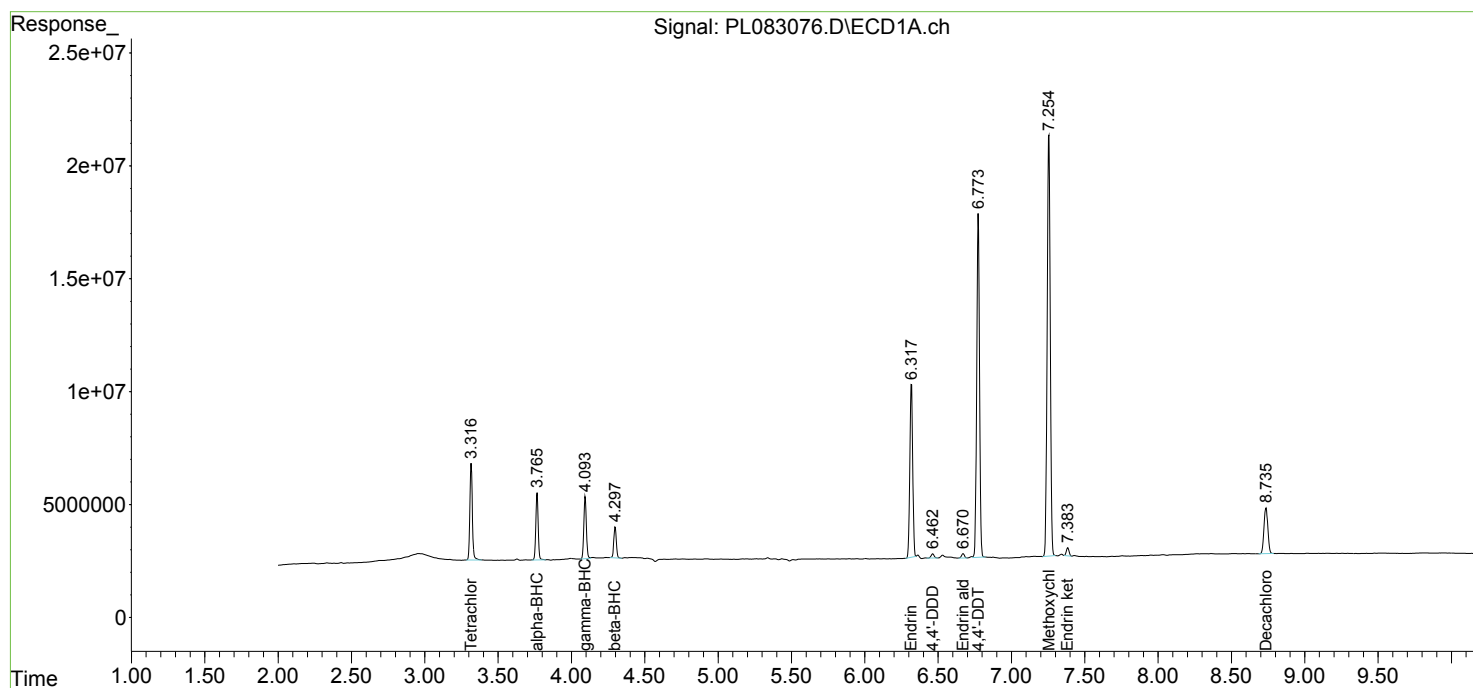
Instrument :
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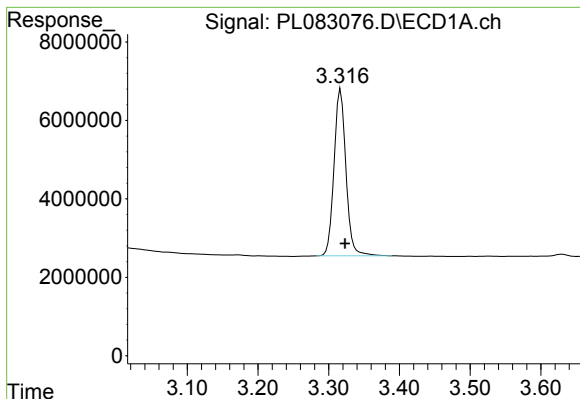
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Integration File signal 1: autoint1.e
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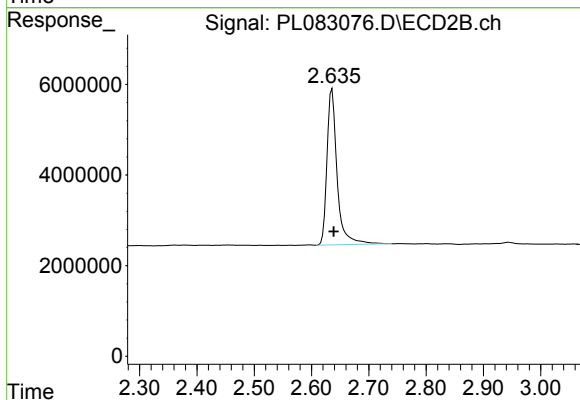
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 49809268
Conc: 16.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

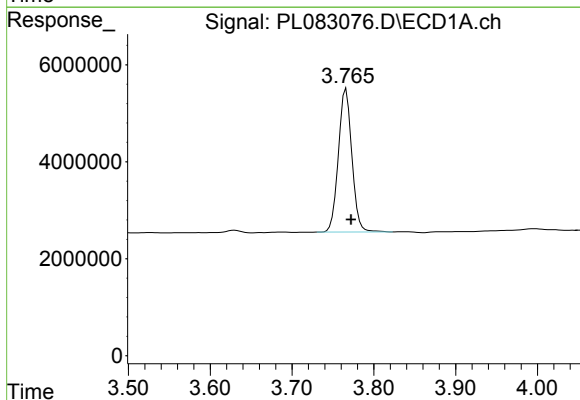
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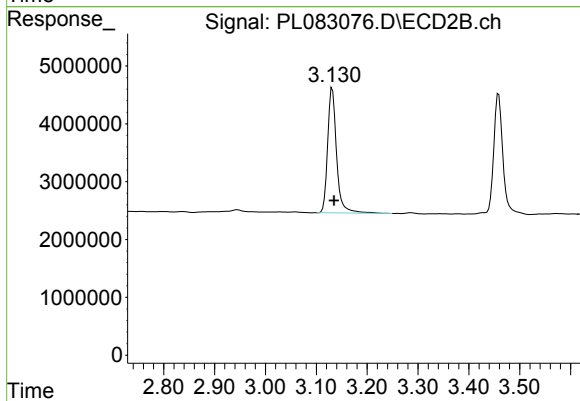
#1 Tetrachloro-m-xylene

R.T.: 2.636 min
Delta R.T.: -0.003 min
Response: 42334519
Conc: 16.31 ng/ml



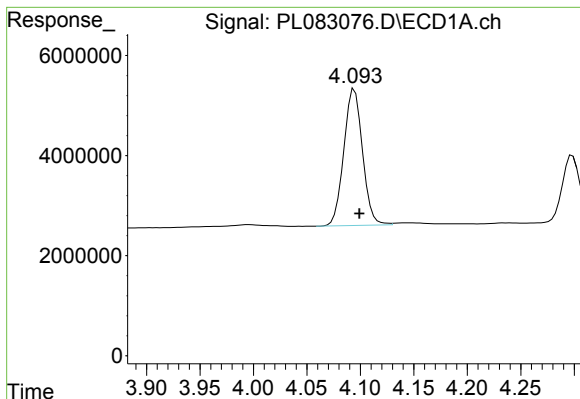
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 33815086
Conc: 7.62 ng/ml



#2 alpha-BHC

R.T.: 3.132 min
Delta R.T.: -0.004 min
Response: 26315742
Conc: 7.05 ng/ml



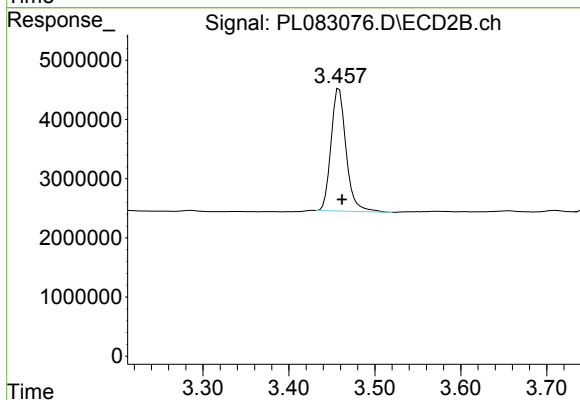
#3 gamma-BHC (Lindane)

R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 33249155
Conc: 8.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

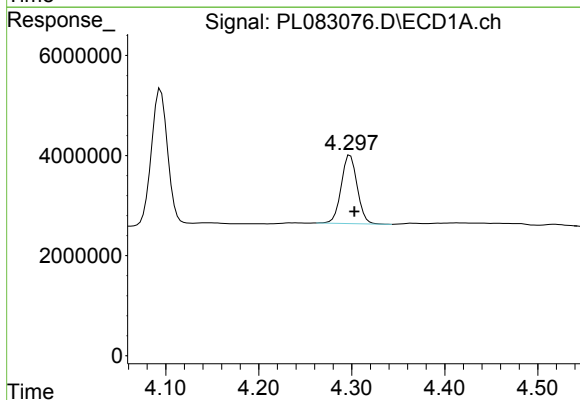
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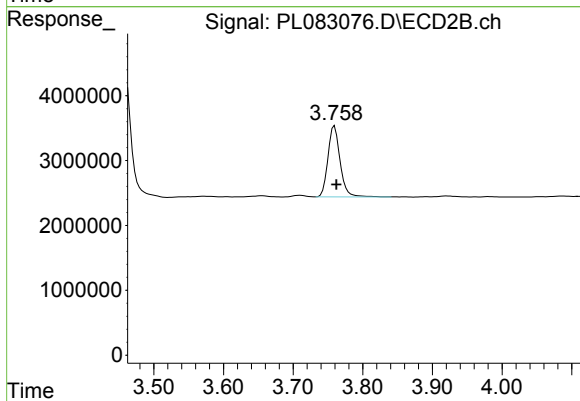
#3 gamma-BHC (Lindane)

R.T.: 3.458 min
Delta R.T.: -0.003 min
Response: 25143743
Conc: 7.54 ng/ml



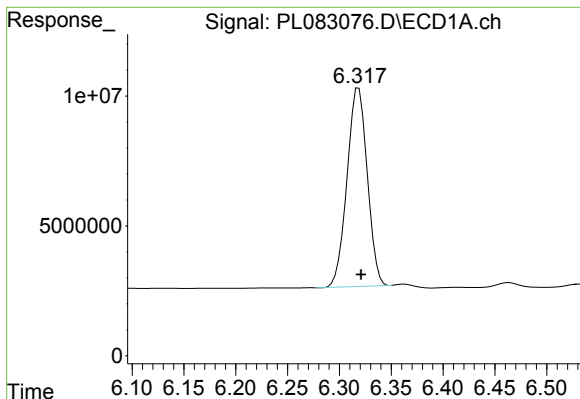
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 16329720
Conc: 8.67 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: -0.003 min
Response: 13327140
Conc: 9.32 ng/ml



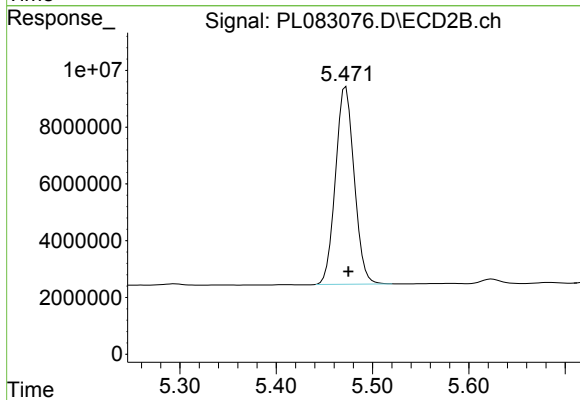
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 103989852
Conc: 38.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

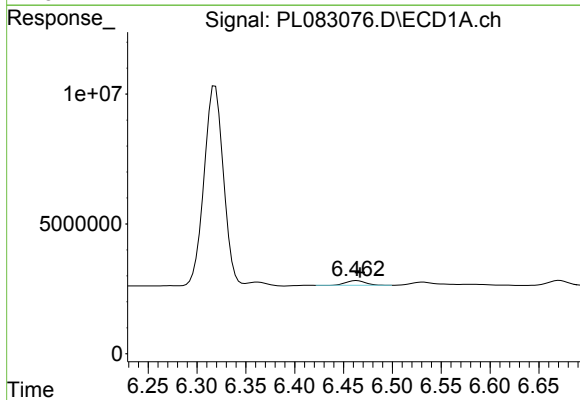
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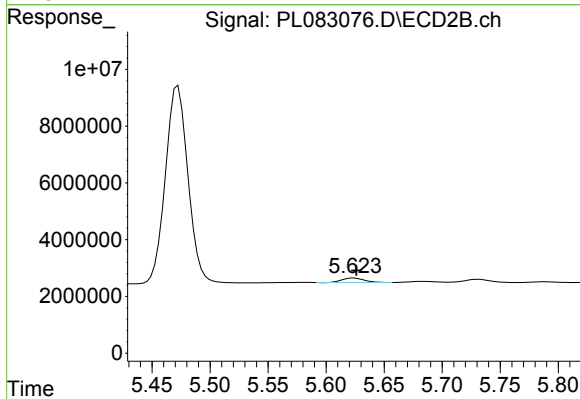
#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 93757590
Conc: 36.96 ng/ml



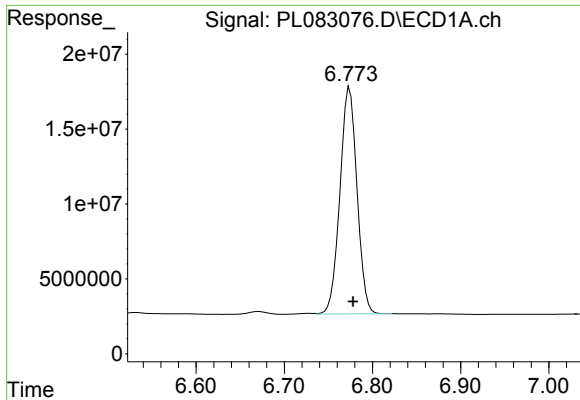
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 2524319
Conc: 1.16 ng/ml



#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 2123327
Conc: 1.10 ng/ml



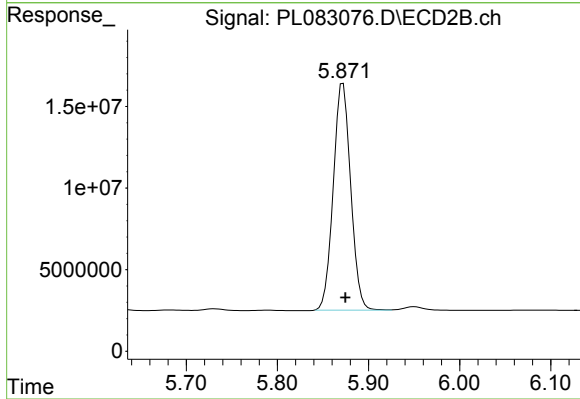
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.004 min
Response: 203534566
Conc: 81.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

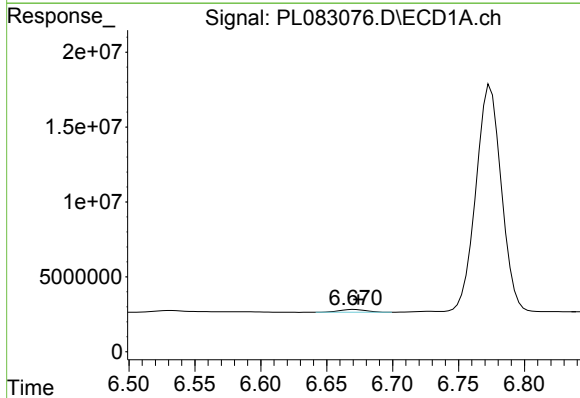
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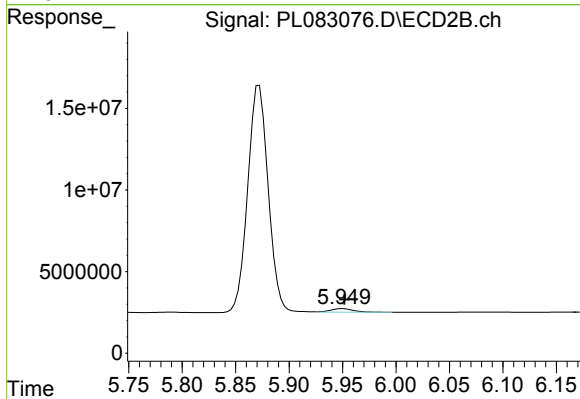
#17 4,4'-DDT

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 184387009
Conc: 82.65 ng/ml



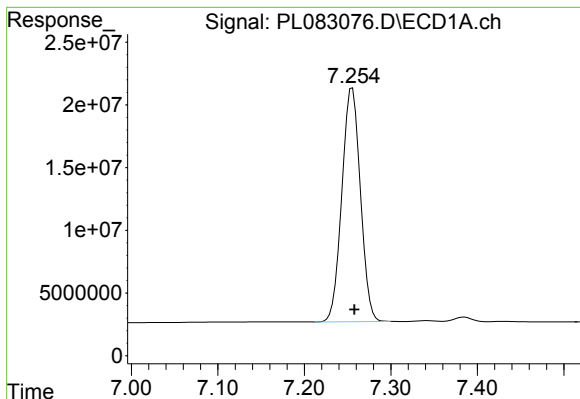
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 2628681
Conc: 1.31 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 3181469
Conc: 1.61 ng/ml



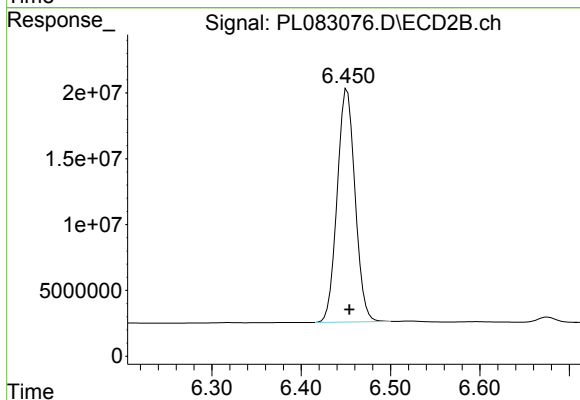
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 275604871
Conc: 208.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

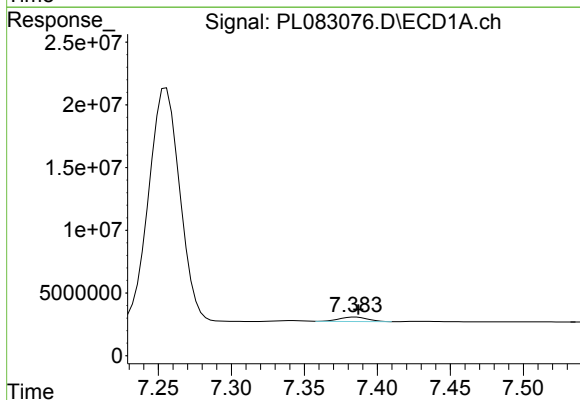
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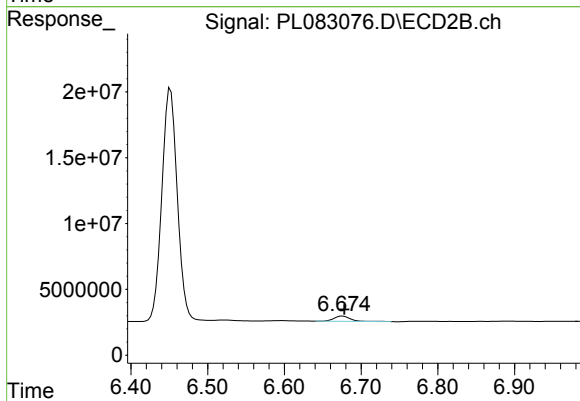
#20 Methoxychlor

R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 246080385
Conc: 193.50 ng/ml



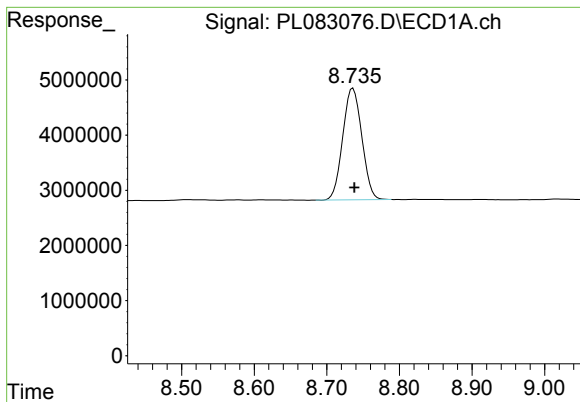
#21 Endrin ketone

R.T.: 7.383 min
Delta R.T.: -0.004 min
Response: 4813441
Conc: 1.89 ng/ml m



#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 5831419
Conc: 2.16 ng/ml



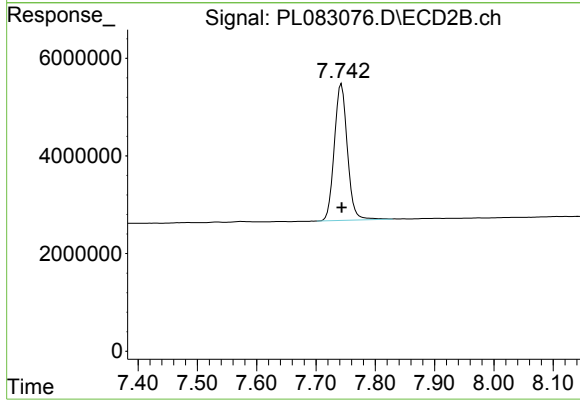
#28 Decachlorobiphenyl

R.T.: 8.736 min
Delta R.T.: -0.002 min
Response: 37016345
Conc: 17.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 42884979
Conc: 17.25 ng/ml