

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102922\
 Data File : PL078630.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2022 17:33
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/31/2022
 Supervised By : Ankita Jodhani 10/31/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:48:52 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	2.572	38837689	50939889	20.366	19.951
28)	SA Decachlor...	8.772	7.642	32669443	39289705	21.717	20.743
Target Compounds							
2)	A alpha-BHC	3.784	3.059	27359669	38202241	9.528	9.674
3)	MA gamma-BHC...	4.116	3.380	26589427	35317000	9.952	9.826
6)	B beta-BHC	4.331	3.680	13671456	16507436	11.868	11.505
14)	MA Endrin	6.351	5.371	104.5E6	128.8E6	55.041	49.420
16)	A 4,4'-DDD	6.498	5.532	3896628	5680819	2.337	2.586
17)	MA 4,4'-DDT	6.809	5.778	185.9E6	219.0E6	103.694	100.962
18)	B Endrin al...	6.713	5.848	2328335	3662360	1.600	1.951
20)	A Methoxychlor	7.293	6.355	242.8E6	269.0E6	263.711	237.011
21)	B Endrin ke...	7.431	6.565	5051810	6688125	2.685	2.588m

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

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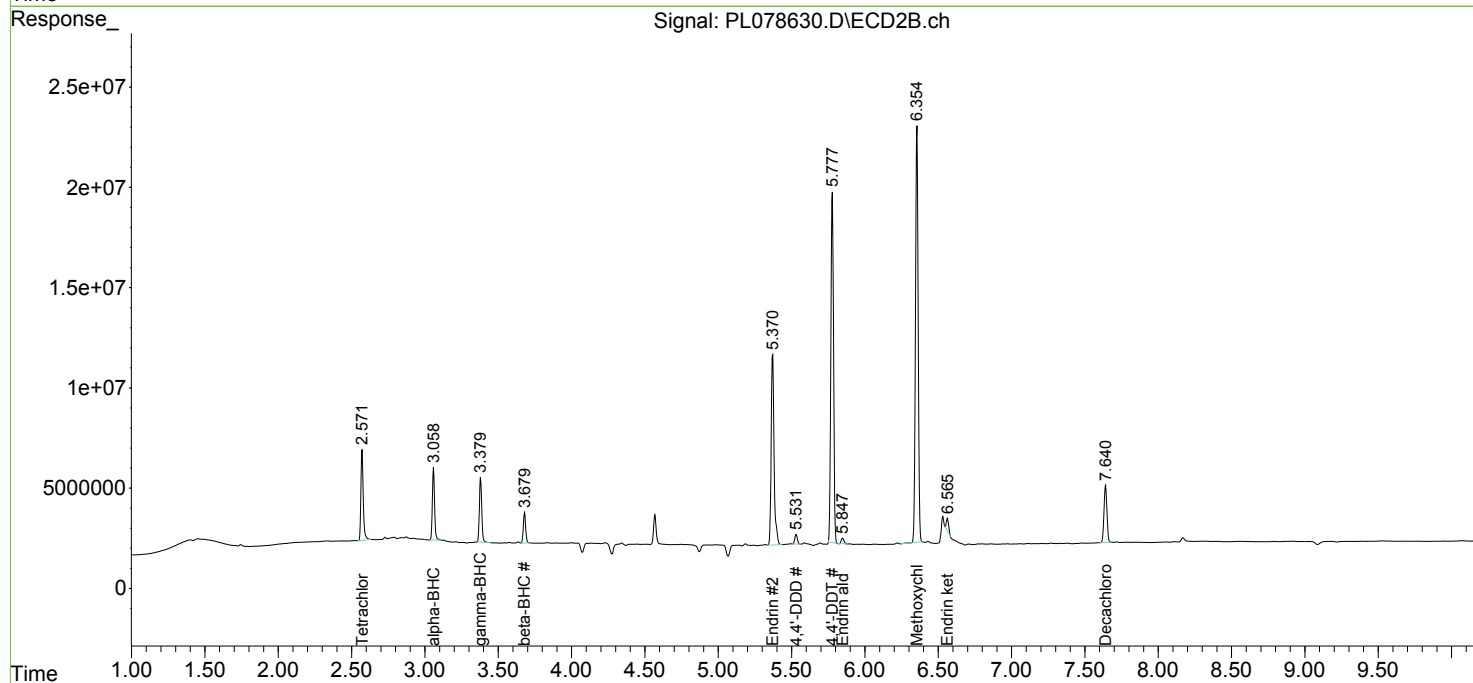
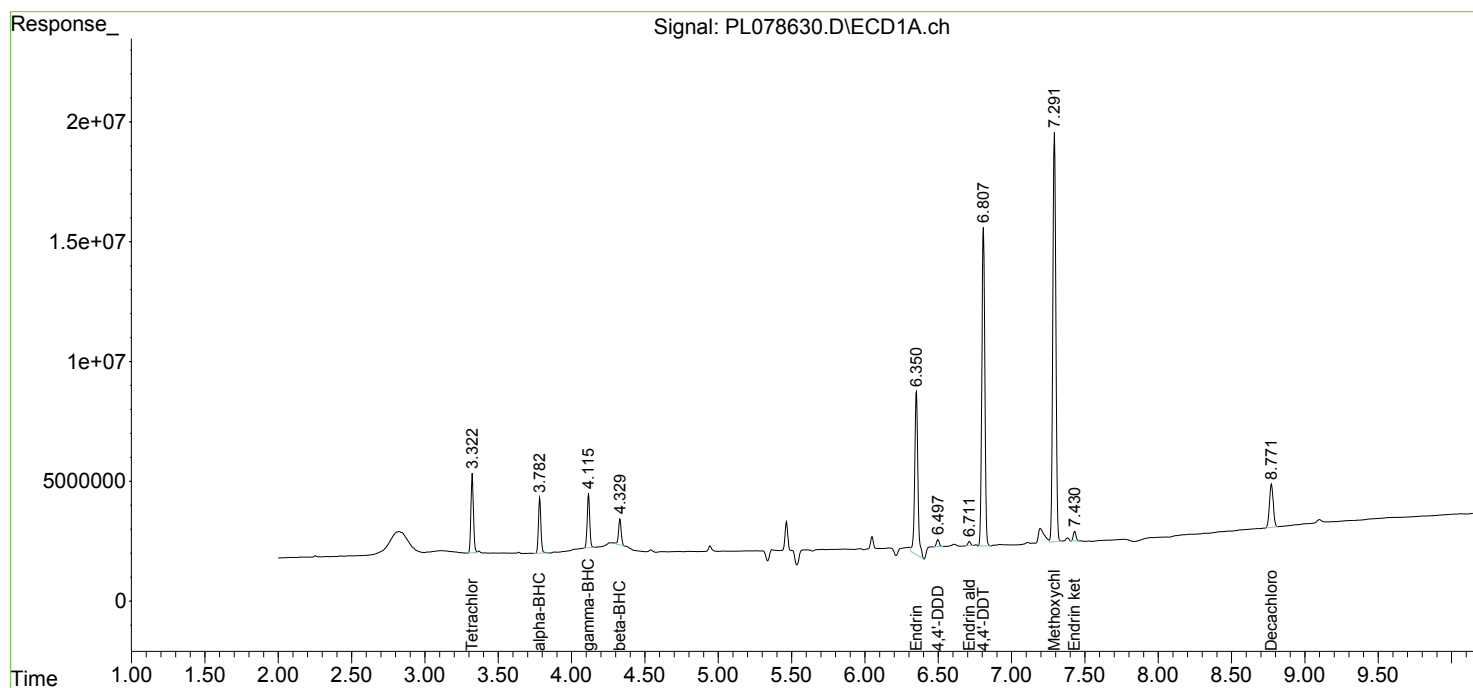
Instrument :
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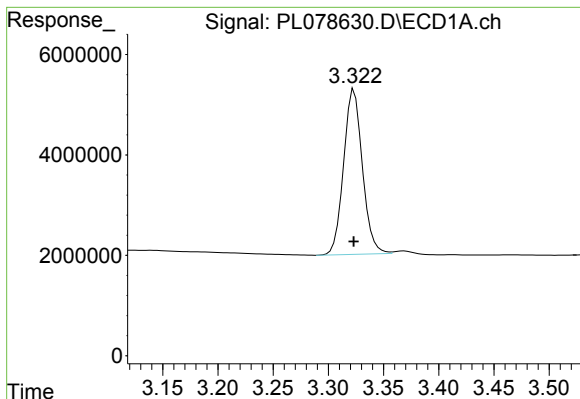
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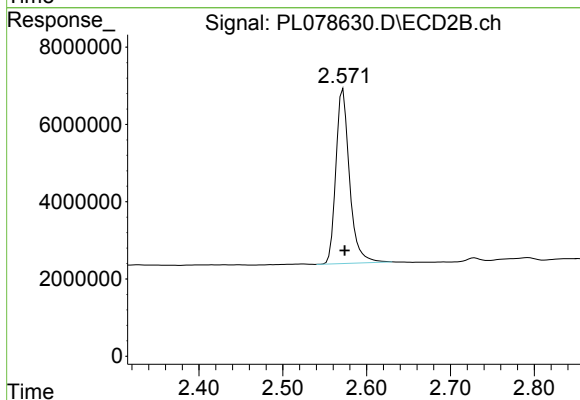
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 38837689
Conc: 20.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

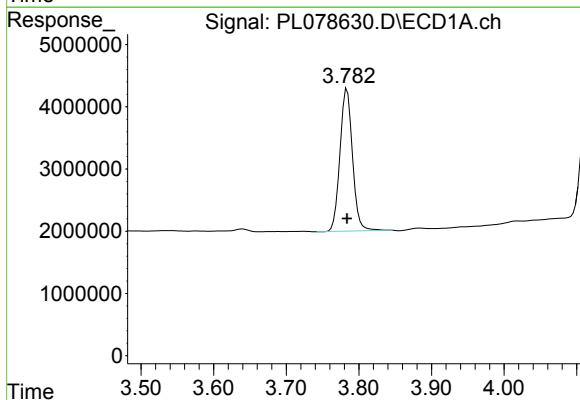
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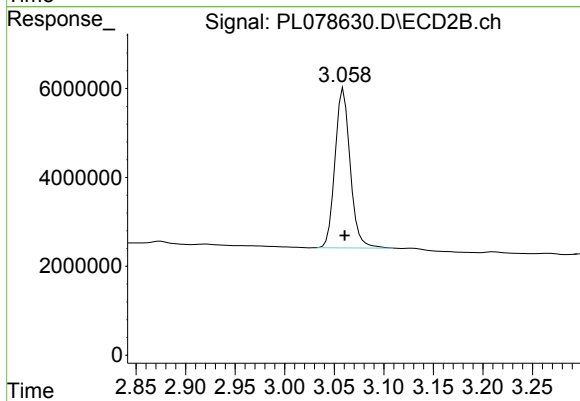
#1 Tetrachloro-m-xylene

R.T.: 2.572 min
Delta R.T.: -0.002 min
Response: 50939889
Conc: 19.95 ng/ml



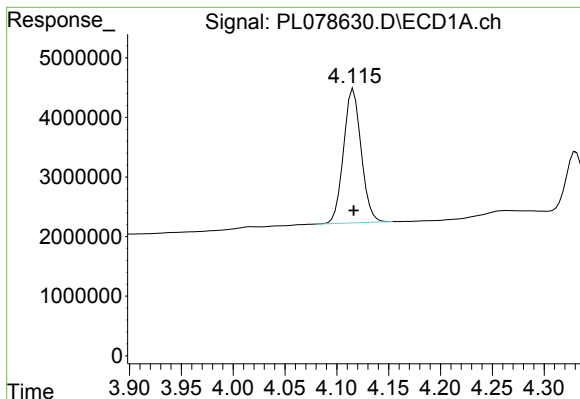
#2 alpha-BHC

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 27359669
Conc: 9.53 ng/ml



#2 alpha-BHC

R.T.: 3.059 min
Delta R.T.: -0.001 min
Response: 38202241
Conc: 9.67 ng/ml



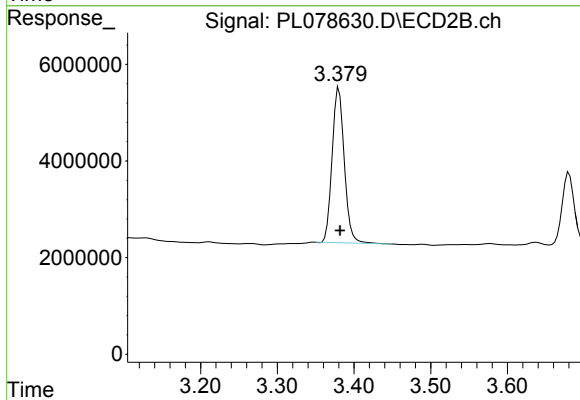
#3 gamma-BHC (Lindane)

R.T.: 4.116 min
Delta R.T.: 0.000 min
Response: 26589427
Conc: 9.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

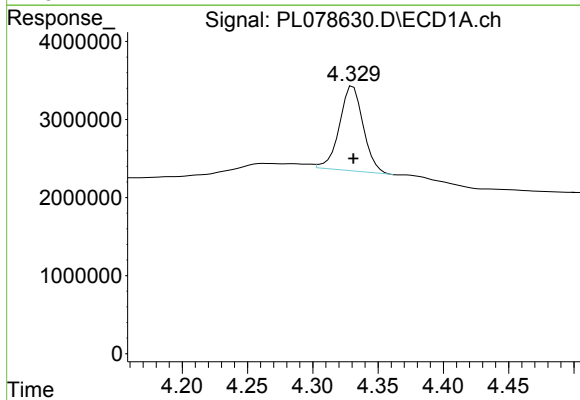
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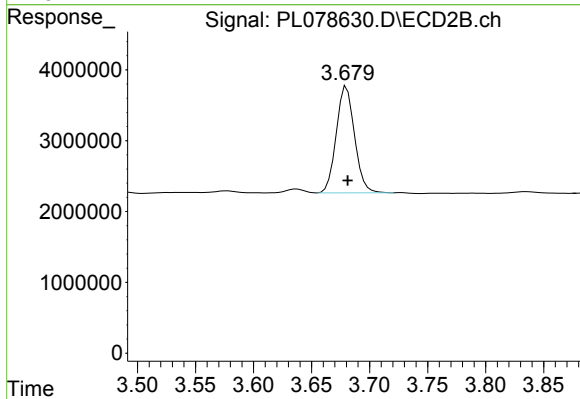
#3 gamma-BHC (Lindane)

R.T.: 3.380 min
Delta R.T.: -0.001 min
Response: 35317000
Conc: 9.83 ng/ml



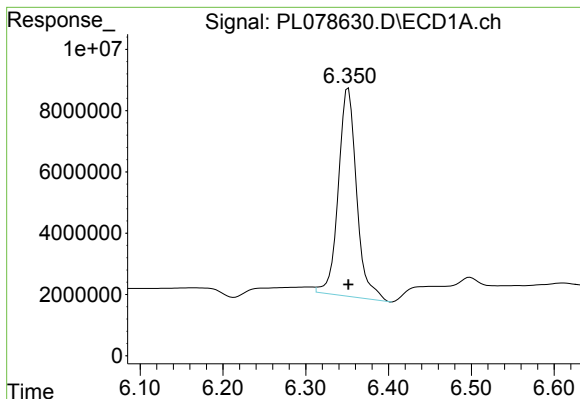
#6 beta-BHC

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 13671456
Conc: 11.87 ng/ml



#6 beta-BHC

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 16507436
Conc: 11.50 ng/ml



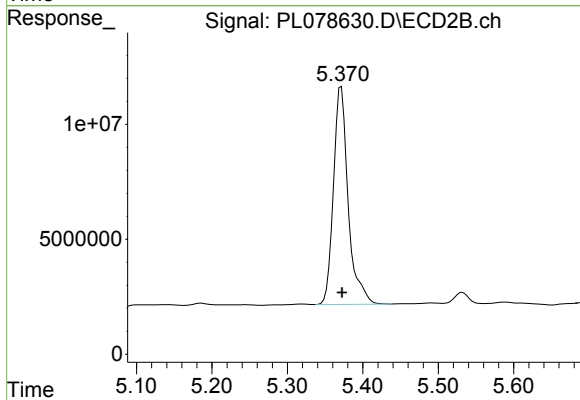
#14 Endrin

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 104458498
Conc: 55.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

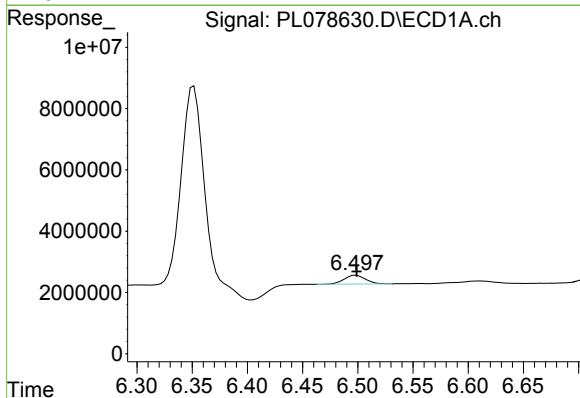
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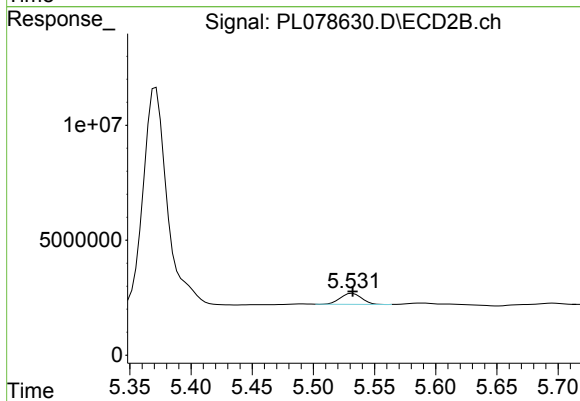
#14 Endrin

R.T.: 5.371 min
Delta R.T.: -0.001 min
Response: 128750719
Conc: 49.42 ng/ml



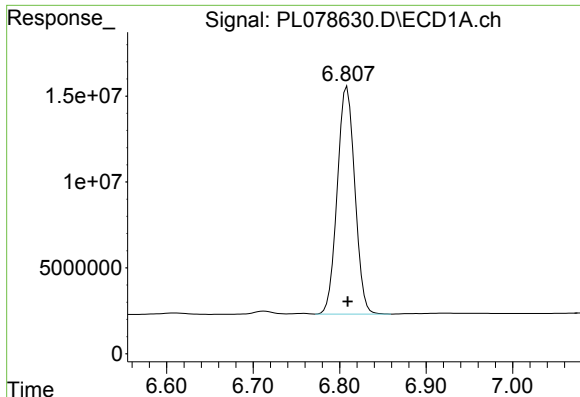
#16 4,4'-DDD

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 3896628
Conc: 2.34 ng/ml



#16 4,4'-DDD

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 5680819
Conc: 2.59 ng/ml



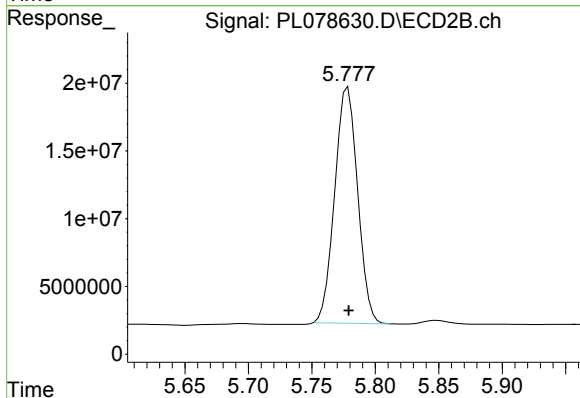
#17 4,4'-DDT

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 185853341
Conc: 103.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

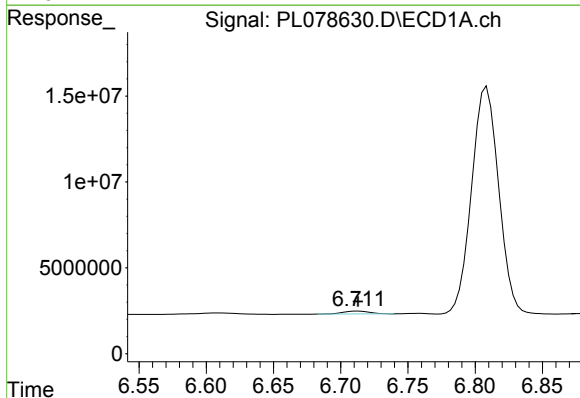
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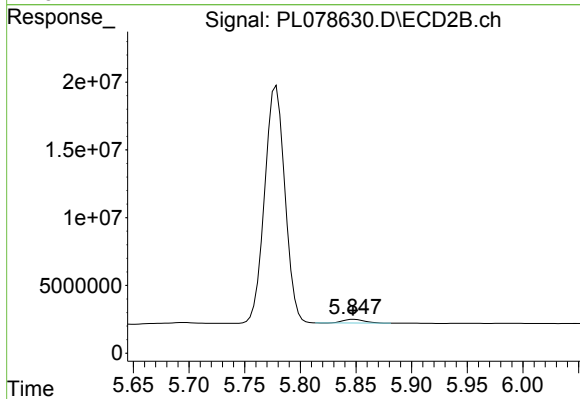
#17 4,4'-DDT

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 218999599
Conc: 100.96 ng/ml



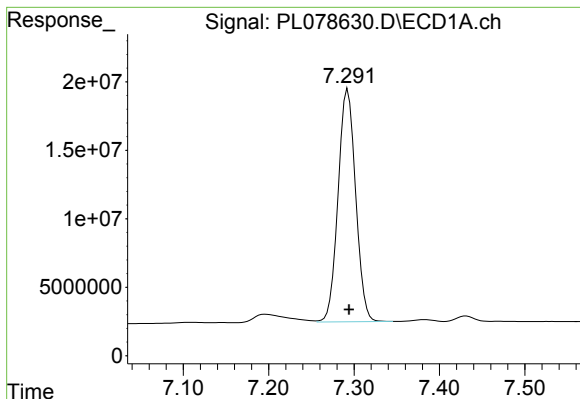
#18 Endrin aldehyde

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 2328335
Conc: 1.60 ng/ml



#18 Endrin aldehyde

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 3662360
Conc: 1.95 ng/ml



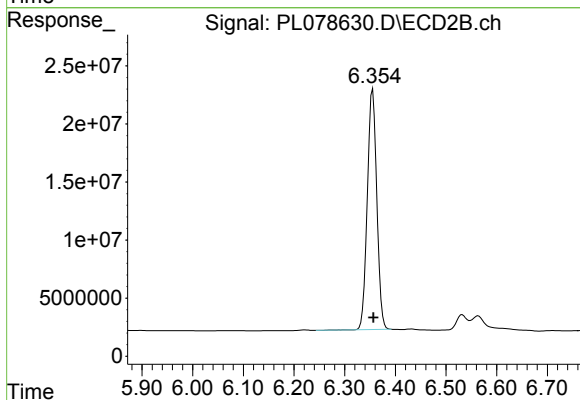
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 242848070
Conc: 263.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

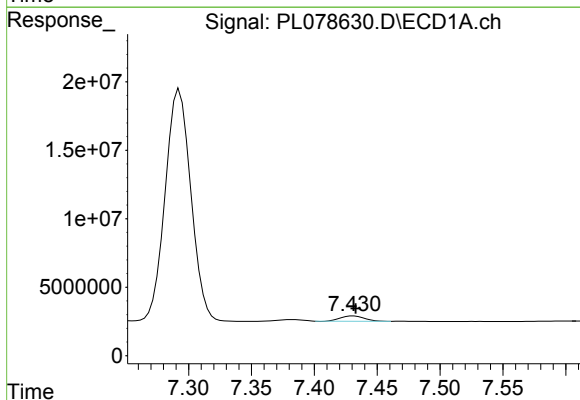
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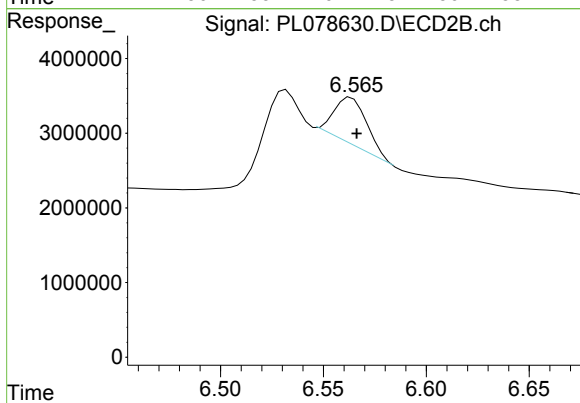
#20 Methoxychlor

R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 268959497
Conc: 237.01 ng/ml



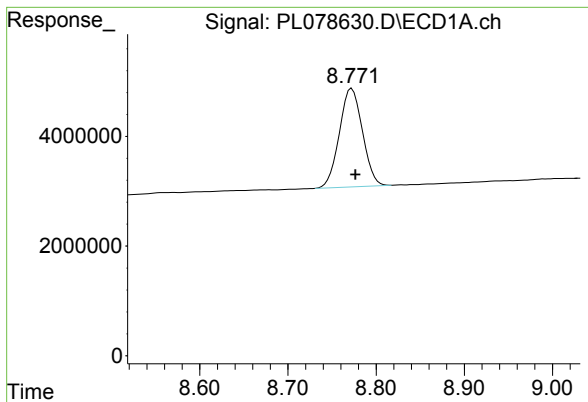
#21 Endrin ketone

R.T.: 7.431 min
Delta R.T.: -0.002 min
Response: 5051810
Conc: 2.69 ng/ml



#21 Endrin ketone

R.T.: 6.565 min
Delta R.T.: -0.001 min
Response: 6688125
Conc: 2.59 ng/ml m



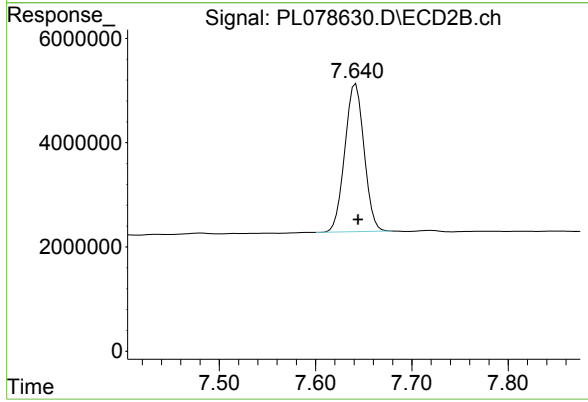
#28 Decachlorobiphenyl

R.T.: 8.772 min
Delta R.T.: -0.004 min
Response: 32669443
Conc: 21.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 39289705
Conc: 20.74 ng/ml